NAME National Ave Ext.

Job
Class 123 Course Party

B.M.'s - Line chg.

RETURN TO
Watson, Vale & Gough
508 Spreckels Bldg.
San Diego, Calif.

212

1907

FIELD NOTES

No. 403 P

ESPECIALLY ADAPTED
TO THE USE OF
ENGINEERING STUDENTS

EUGENE DIETZGEN CO.
MANUFACTURERS
DRAWING MATERIALS
MATHEMATICAL AND SURVEYING INSTRUMENTS
MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

INDEX:

Oct. 2, 1926.
M.H. Peterman.
Todd.
Spaulding.

	B.M.	Levels.			
	+	H.I.	−	Elev.	
B.M.#30				460.34	
	0.15	460.49			
			12.25	448.24	
	11.28	459.52			
			2.20	457.32	
	1.96	459.28			
T.P.			2.76	456.52	
T.P.			9.67	449.61	
	0.80	450.41			
			0.41	450.00	
	11.34	461.34			
			0.68	460.66	
	11.41	472.07			
B.M.	(Est.)		2.77	469.30	
B.M.	(Est.)		3.07	~~469.00~~	Reset
	0.86	469.86			
B.M. }			11.81	458.05 }	Out 0.07
B.M. }				458.12 }	
	11.79	469.91			
B.M.			0.84	469.07	
	6.72	475.79			
			6.49	469.30	Check.

Book 114, P. 10.

2x2 hub Sta. 240+50.^{00}
@ 236+25

Rock. @ 232+10

2x2 hub P.T. 228+13.39
Set Red-head in Tel. Pole @ Mid-Point of Curve
#82456

Old P.I. 222+67^{89} Elev. 458.12

In Power Pole (See Above).

P.T. 228+13^{39} Elev. 469.^{30}

10/4/26 Bright, Sun. - Party: Todd - ⊼-Notes
Key - Rod.
Spaulding - "

Sta.	+	⊼	-	EL.	B.M.
$222+67^{89}$ (P.I. old)					Rec. ele. = 458.12
	4.63	462.75			
$222+43^{83}$ P.C.					
222+64					
+82					
223+00					
+19					
+32					
+50					
+72					
			1.28	461.47	
	7.25	468.72			
224+00					
+20					
+35					

For X-Secs Sta
220+43.27 to 222+67.89
See Pg. 15 this Book

Alignment Notes
in Bk #

Cont'd from Pg 16 this Bk

2

L.				℄			R.
454.2 8^{5} 30^{0}	453.7 9^{1} 25^{0}			454.6 8^{1} 0	455.0 78 10^{0}	456.3 6^{5} 26^{0}	456.4 6^{4} 30^{0}
454.4 8^{4} 30^{0}	454.8 8^{0} 25^{0}		457.5 5^{3} 12^{0}	458.1 4^{7} 0	457.2 5^{6} 9^{0}	455.7 7^{1} 18^{0}	455.5 7^{3} 30^{0}
458.3 4^{5} 40^{0}	456.9 5^{9} 30^{0}		456.1 6^{7} 25^{0}	456.7 6^{1} 0	456.6 6^{2} 15^{0}	459.7 3^{1} 30^{0}	458.0 4^{8} 50^{0}
	458.0 4^{8} 40^{0}	457.4 5^{4} 30^{0}		457.4 5^{4} 0	457.5 5^{3} 10^{0}	458.4 4^{4} 18^{0}	458.6 4^{2} 30^{0}
458.2 4^{6} 40^{0}	459.5 3^{3} 30^{0}	460.6 2^{2} 21^{0}	459.5 3^{3} 7^{0}	460.1 2^{7} 0	460.2 2^{6} 12^{0}	458.5 4^{3} 25^{0}	458.2 4^{6} 30^{0}
	459.0 3^{8} 30^{0}		459.4 3^{4} 24^{0}	459.6 3^{2} 0	460^{7} 2^{1} 11^{0}	460^{0} 2^{8} 19^{0}	460.3 2^{5} 30^{0}
461.1 1^{7} 40^{0}	460.8 2^{0} 30^{0}		459.6 3^{2} 12^{0}	459.6 3^{2} 0	460.3 2^{5} 16^{0}	461.4 1^{4} 30^{0}	462.1 0^{7} 40^{0}
460.5 2^{3} 30^{0}	461.1 1^{7} 24^{0}		460.6 2^{2} 13^{0}	461.8 1^{0} 0	462.3 0^{5} 14^{0}	461.5 1^{3} 30^{0}	
	462.0 6^{7} 40^{0}	462.7 6^{0} 30^{0}	462.7 6^{0} 26^{0}	462.1 6^{6} 0	462.9 58 17^{0}	463.0 5^{7} 26^{0}	463.3 5^{4} 30^{0}
		462.0 6^{7} 30^{0}	463.1 5^{6} 12^{0}	462.2 6^{5} 0	462.5 6^{2} 30^{0}		
			462.2 6^{5} 30^{0}	462.9 5^{8} 0	464.2 4^{5} 15^{0}	464.1 4^{6} 30^{0}	463.3 5^{4} 40^{0}

Sta.	+	π	-	EL.	B.M.s	L	℄	R
		468.72						
224+50						464.7 $\frac{4^{0}}{40^{0}}$ 464.3 $\frac{4^{4}}{30^{0}}$ 463.3 $\frac{5^{4}}{22^{0}}$	465.7 $\frac{3^{0}}{0}$	465.7 $\frac{3^{0}}{10^{0}}$ 464.6 $\frac{4^{1}}{23^{0}}$ 464.7 $\frac{4^{0}}{30^{0}}$
+62						464.9 $\frac{3^{8}}{40^{0}}$ 464.5 $\frac{4^{2}}{30^{0}}$ 464.4 $\frac{4^{3}}{20^{0}}$	466.4 $\frac{2^{3}}{0}$	466.4 $\frac{2^{3}}{11^{0}}$ 465.0 $\frac{3^{7}}{27^{0}}$ 465.0 $\frac{3^{7}}{30^{0}}$ 466.0 $\frac{2^{7}}{40^{0}}$
+78						466.3 $\frac{2^{4}}{30^{0}}$ 464.9 $\frac{3^{8}}{18^{0}}$	465.1 $\frac{3^{6}}{0}$	465.7 $\frac{3^{0}}{30^{0}}$
			0.05	468.67				
	6.09	474.76						
			5.63	469.14	Rec. EL. Nail i Power Pole #82456 469.07 This EL. not used.			
225+15						467.6 $\frac{7^{2}}{30^{0}}$ 469.2 $\frac{5^{6}}{10^{0}}$	469.1 $\frac{5^{7}}{0}$	467.5 $\frac{7^{3}}{19^{0}}$ 467.5 $\frac{7^{3}}{30^{0}}$
+50						469.6 $\frac{5^{2}}{40^{0}}$ 468.2 $\frac{6^{6}}{30^{0}}$ 468.8 $\frac{6^{0}}{22^{0}}$	469.2 $\frac{5^{6}}{0}$	469.3 $\frac{5^{5}}{30^{0}}$
+80						468.1 $\frac{6^{7}}{30^{0}}$ 468.2 $\frac{6^{6}}{19^{0}}$	470.8 $\frac{4^{0}}{0}$	470.5 $\frac{4^{3}}{12^{0}}$ 469.0 $\frac{5^{8}}{30^{0}}$
226+00						468.8 $\frac{6^{0}}{40^{0}}$ 467.5 $\frac{7^{3}}{30^{0}}$ 467.5 $\frac{7^{3}}{24^{0}}$	469.1 $\frac{5^{7}}{0}$	468.6 $\frac{6^{2}}{15^{0}}$ 470.5 $\frac{4^{3}}{30^{0}}$
+09						467.6 $\frac{7^{2}}{30^{0}}$ 467.6 $\frac{7^{2}}{23^{0}}$ 469.5 $\frac{5^{3}}{8^{0}}$	469.8 $\frac{5^{0}}{0}$	468.7 $\frac{6^{1}}{15^{0}}$ 470.1 $\frac{4^{7}}{30^{0}}$ 4708 $\frac{4^{0}}{40^{0}}$
+31						467.4 $\frac{7^{4}}{30^{0}}$	468.2 $\frac{6^{6}}{0}$	468.2 $\frac{6^{6}}{28^{0}}$ 470.1 $\frac{4^{7}}{40^{0}}$
+50						468.0 $\frac{6^{8}}{30^{0}}$ 468.0 $\frac{6^{8}}{25^{0}}$ 469.8 $\frac{5^{0}}{13^{0}}$	470.9 $\frac{3^{9}}{0}$	470.5 $\frac{4^{3}}{18^{0}}$ 468.8 $\frac{6^{0}}{30^{0}}$
+75						469.4 $\frac{5^{4}}{30^{0}}$ 469.5 $\frac{5^{3}}{24^{0}}$ 468.8 $\frac{6^{0}}{12^{0}}$	468.5 $\frac{6^{3}}{0}$	469.2 $\frac{5^{6}}{23^{0}}$ 471.0 $\frac{3^{8}}{40^{0}}$

Sta.	+	⊼	−	EL.	B.M.s
		474.76			
227+00					
+25					
+50					
+64					
+78					
228+00					
			4.74	470.02	
	3.17	473.19			
			3.83	469.36	Rec. EL. not used 469.30 1X2 hu
+28					
+50					
+68					
229+00					
+50					
			9.99	463.20	

L			℄			R.
469.5 $\frac{5^{3}}{40^{0}}$	470.7 $\frac{4^{1}}{30^{0}}$	471.6 $\frac{3^{5}}{21^{0}}$	470.0 $\frac{4^{8}}{0}$	472.8 $\frac{2^{2}}{25^{0}}$	472.4 $\frac{2^{7}}{30^{0}}$	
469.5 $\frac{5^{3}}{40^{0}}$	470.4 $\frac{4^{4}}{30^{0}}$	470.4 $\frac{4^{4}}{19^{0}}$	470.0 $\frac{4^{8}}{0}$	470.5 $\frac{4^{3}}{30^{0}}$	471.4 $\frac{3^{4}}{40^{0}}$	
471.3 $\frac{3^{5}}{40^{0}}$	470.3 $\frac{4^{5}}{30^{0}}$	469.7 $\frac{5^{7}}{25^{0}}$	471.0 $\frac{3^{8}}{0}$	470.1 $\frac{4^{7}}{19^{0}}$	470.1 $\frac{4^{7}}{30^{0}}$	
	469.6 $\frac{5^{2}}{30^{0}}$	469.9 $\frac{4^{9}}{14^{0}}$	471.3 $\frac{3^{5}}{0}$	471.8 $\frac{3^{0}}{7^{0}}$	470.4 $\frac{4^{4}}{24^{0}}$	471.0 $\frac{3^{8}}{30^{0}}$
470.0 $\frac{4^{8}}{30^{0}}$	470.5 $\frac{4^{3}}{18^{0}}$	469.8 $\frac{5^{0}}{7^{0}}$	469.8 $\frac{5^{0}}{0}$	469.8 $\frac{5^{0}}{30^{0}}$		
471.2 $\frac{3^{6}}{40^{0}}$	470.5 $\frac{4^{3}}{30^{0}}$	469.8 $\frac{5^{0}}{23^{0}}$	469.8 $\frac{5^{0}}{0}$	471.7 $\frac{3^{1}}{18^{0}}$	471.2 $\frac{3^{6}}{30^{0}}$	470.1 $\frac{4^{7}}{40^{0}}$
468.5 $\frac{4^{7}}{33^{0}}$	468.8 $\frac{4^{4}}{30^{0}}$	470.7 $\frac{2^{5}}{13^{0}}$	470.2 $\frac{3^{0}}{0}$	468.1 $\frac{5^{1}}{16^{0}}$	467.7 $\frac{5^{5}}{30^{0}}$	
		467.6 $\frac{5^{6}}{30^{0}}$	467.8 $\frac{5^{4}}{0}$	467.7 $\frac{5^{5}}{25^{0}}$	467.4 $\frac{5^{8}}{30^{0}}$	466.5 $\frac{6^{7}}{40^{0}}$
	468.0 $\frac{5^{2}}{30^{0}}$	468.1 $\frac{5^{1}}{12^{0}}$	466.8 $\frac{6^{4}}{0}$	466.1 $\frac{7^{1}}{8^{0}}$	466.4 $\frac{6^{8}}{30^{0}}$	
	464.6 $\frac{8^{6}}{30^{0}}$	463.5 $\frac{9^{7}}{20^{0}}$	463.4 $\frac{9^{8}}{0}$	463.0 $\frac{10^{2}}{30^{0}}$		
		460.8 $\frac{12^{4}}{30^{0}}$	460.3 $\frac{12^{9}}{0}$	460.6 $\frac{12^{6}}{13^{0}}$	461.3 $\frac{11^{9}}{26^{0}}$	460.9 $\frac{12^{3}}{30^{0}}$

Sta.	+	⊼	−	EL.	B.M.s
				463.20	
229+75	1.20	464.40			
+95					
230+00					
+25					
+44					
+70					
+88					
			11.69	452.71	
	3.79	456.50			
231+08					
+25					
+41					
+60					
+77					

L. ℄ R.

459.4 $\frac{5^{0}}{30^{0}}$ 457.4 $\frac{7^{0}}{0}$ 457.7 $\frac{6^{2}}{30^{0}}$

458.4 $\frac{6^{0}}{30^{0}}$ 458.8 $\frac{5^{6}}{17^{0}}$ 458.0 $\frac{6^{4}}{9^{0}}$ 456.4 $\frac{8^{0}}{0}$ 456.4 $\frac{8^{0}}{8^{0}}$ 458.9 $\frac{5^{5}}{21^{0}}$ 458.9 $\frac{5^{5}}{30^{0}}$

457.6 $\frac{6^{8}}{30^{0}}$ 457.3 $\frac{7^{1}}{24^{0}}$ 457.9 $\frac{6^{5}}{14^{0}}$ 456.7 $\frac{7^{2}}{5^{0}}$ 456.3 $\frac{8^{1}}{0}$ 456.3 $\frac{8^{1}}{6^{0}}$ 458.7 $\frac{5^{7}}{18^{0}}$ 459.2 $\frac{5^{2}}{30}$ 458.2 $\frac{6^{2}}{40^{0}}$

456.7 $\frac{7^{2}}{30^{0}}$ 455.4 $\frac{9^{0}}{0}$ 455.0 $\frac{9^{4}}{30^{0}}$

457.0 $\frac{7^{4}}{30^{0}}$ 456.0 $\frac{8^{4}}{19^{0}}$ 456.4 $\frac{8^{0}}{12^{0}}$ 456.9 $\frac{7^{5}}{0}$ 456.6 $\frac{7^{8}}{13^{0}}$ 456.1 $\frac{8^{3}}{21^{0}}$ 453.2 $\frac{11^{2}}{30^{0}}$ 456.4 $\frac{8^{0}}{40^{0}}$

455.4 $\frac{9^{0}}{40°}$ 453.5 $\frac{10^{9}}{30^{0}}$ 453.3 $\frac{11^{6}}{0}$ 452.9 $\frac{11^{5}}{30^{0}}$

455.4 $\frac{9^{0}}{40^{0}}$ 452.9 $\frac{11^{5}}{27^{0}}$ 452.9 $\frac{11^{5}}{21^{0}}$ 453.3 $\frac{11^{2}}{8^{0}}$ 453.4 $\frac{11^{0}}{0}$ 455.9 $\frac{8^{5}}{13^{0}}$ 455.6 $\frac{8^{8}}{21^{0}}$ 454.2 $\frac{10^{2}}{30°}$ 452.4 $\frac{12^{0}}{40^{0}}$

453.3 $\frac{3^{2}}{40^{0}}$ 453.3 $\frac{3^{2}}{30^{0}}$ 453.0 $\frac{3^{5}}{0}$ 453.2 $\frac{3^{3}}{16^{0}}$ 452.8 $\frac{3^{7}}{30^{0}}$ 452.1 $\frac{4^{4}}{40^{0}}$

453.1 $\frac{3^{4}}{40^{0}}$ 454.8 $\frac{1^{7}}{30^{0}}$ 454.8 $\frac{1^{7}}{24^{0}}$ 452.5 $\frac{4^{0}}{3^{0}}$ 452.5 $\frac{4^{0}}{0}$ 453.3 $\frac{3^{2}}{7^{0}}$ 454.8 $\frac{1^{7}}{21^{0}}$ 454.3 $\frac{2^{2}}{30^{0}}$

451.3 $\frac{5^{2}}{30^{0}}$ 451.5 $\frac{5^{0}}{22^{0}}$ 451.5 $\frac{5^{0}}{10^{0}}$ 452.1 $\frac{4^{4}}{0}$ 451.7 $\frac{4^{8}}{30^{0}}$

450.9 $\frac{5^{6}}{30^{0}}$ 450.6 $\frac{5^{9}}{18^{0}}$ 452.5 $\frac{4^{0}}{5^{0}}$ 453.3 $\frac{3^{2}}{0}$ 453.2 $\frac{3^{3}}{12^{0}}$ 451.1 $\frac{5^{4}}{30^{0}}$

450.4 $\frac{6^{1}}{30°}$ 450.4 $\frac{6^{1}}{27°}$ 450.0 $\frac{6^{5}}{14^{0}}$ 451.2 $\frac{5^{3}}{0}$ 451.6 $\frac{4^{9}}{10^{0}}$ 450.8 $\frac{5^{7}}{30^{0}}$

Sta.	+	π	−	EL.	B.M.s
		456.50	6.42	450.08	T.P. EL 450 not used
232+00					
+17					
+50					
233+00					
+37					
			10.20	446.30	
	1.70	448.00			
+62					
234+00					
+37					
+60					
+83					
235+00					
+50					

L.			℄		R.		
449.7 $\frac{6^{8}}{30^{0}}$	9.5 $\frac{7^{0}}{17^{0}}$	449.8 $\frac{6^{7}}{9^{0}}$	451.0 $\frac{5^{5}}{0}$	452.1 $\frac{4^{4}}{9^{0}}$	452.6 $\frac{3^{9}}{16^{0}}$	452.1 $\frac{4^{4}}{30^{0}}$	451.0 $\frac{5^{5}}{40^{0}}$
		449.5 $\frac{7^{0}}{30^{0}}$	449.1 $\frac{7^{4}}{0}$	450.2 $\frac{6^{3}}{30^{0}}$			
		447.8 $\frac{8^{7}}{30^{0}}$	449.8 $\frac{6^{7}}{0}$	449.8 $\frac{6^{7}}{19^{0}}$	449.0 $\frac{7^{5}}{30^{0}}$		
		446.2 $\frac{10^{3}}{30^{0}}$	446.7 $\frac{9^{8}}{0}$	446.8 $\frac{9^{7}}{30^{0}}$			
		446.1 $\frac{10^{4}}{30^{0}}$	447.3 $\frac{9^{2}}{0}$	447.0 $\frac{9^{5}}{12^{0}}$	446.0 $\frac{10^{5}}{25^{0}}$	446.0 $\frac{10^{5}}{30^{0}}$	
		443.8 $\frac{4^{2}}{30^{0}}$	443.8 $\frac{4^{2}}{0}$	443.8 $\frac{4^{2}}{30^{0}}$			
	442.2 $\frac{5^{8}}{30^{0}}$	441.5 $\frac{6^{5}}{23^{0}}$	443.2 $\frac{4^{8}}{0}$	443.6 $\frac{4^{4}}{16^{0}}$	442.9 $\frac{5^{1}}{30^{0}}$		
439.8 $\frac{8^{2}}{40^{0}}$	442.0 $\frac{6^{0}}{22^{0}}$	442.0 $\frac{6^{0}}{12^{0}}$	441.3 $\frac{6^{7}}{0}$	441.7 $\frac{6^{3}}{30^{0}}$			
		439.4 $\frac{8^{6}}{30^{0}}$	440.4 $\frac{7^{6}}{0}$	441.4 $\frac{6^{6}}{30^{0}}$			
	439.7 $\frac{8^{3}}{30^{0}}$	440.2 $\frac{7^{8}}{17^{0}}$	442.6 $\frac{5^{4}}{0}$	443.1 $\frac{4^{8}}{11^{0}}$	442.9 $\frac{5^{1}}{17^{0}}$	444.0 $\frac{4^{0}}{30^{0}}$	
		440.3 $\frac{7^{7}}{30^{0}}$	441.9 $\frac{6^{1}}{0}$	445.5 $\frac{2^{5}}{30^{0}}$			
		442.9 $\frac{5^{1}}{30^{0}}$	443.3 $\frac{4^{7}}{0}$	445.0 $\frac{3^{0}}{30^{0}}$			

Sta.	+	⊼	−	El.	B.M.s
		448.00			
235+75					
236+00					
			2.23	445.77	
	10.93	456.70	7.02	449.68	Req. El. 449.61 not used
+35					
+50					
+75					
237+00	T.P. 25' L.				
+25					
			6.39	450.31	

L. ℄ R.

444.7 445.5 445.7 444.6 446.2 447.2 446.1 446.0

$\frac{3^{3}}{40^{0}}$ $\frac{2^{5}}{30^{0}}$ $\frac{2^{3}}{19^{0}}$ $\frac{3^{4}}{10^{0}}$ $\frac{1^{8}}{0}$ $\frac{0^{8}}{18^{0}}$ $\frac{1^{9}}{30^{0}}$ $\frac{2^{0}}{40^{0}}$

445.3 445.5 446.4

$\frac{2^{7}}{30^{0}}$ $\frac{2^{5}}{0}$ $\frac{1^{6}}{30^{0}}$

446.3 447.1 449.8 449.7 448.3 448.0

$\frac{10^{4}}{30^{0}}$ $\frac{9^{6}}{15^{0}}$ $\frac{6^{9}}{0}$ $\frac{7^{0}}{15^{0}}$ $\frac{8^{4}}{25^{0}}$ $\frac{8^{7}}{30^{0}}$

446.8 448.4 449.0

$\frac{9^{9}}{30^{0}}$ $\frac{8^{3}}{0}$ $\frac{7^{7}}{30^{0}}$

449.7 448.7 448.7 451.1 450.1 449.7 450.0 453.1

$\frac{7^{0}}{40^{0}}$ $\frac{8^{0}}{30^{0}}$ $\frac{8^{0}}{23^{0}}$ $\frac{5^{6}}{11^{0}}$ $\frac{6^{6}}{0}$ $\frac{7^{0}}{17^{0}}$ $\frac{6^{7}}{21^{0}}$ $\frac{3^{6}}{40^{0}}$

449.6 450.5 451.4

$\frac{7^{1}}{30^{0}}$ $\frac{6^{2}}{0}$ $\frac{5^{3}}{30^{0}}$

451.4 452.5 452.9 455.6

$\frac{5^{3}}{30^{0}}$ $\frac{4^{2}}{0}$ $\frac{3^{8}}{10^{0}}$ $\frac{1^{1}}{30^{0}}$

Oct. 5, 1926.
M. H. Peterman
Todd
Spaulding.

Sta.	+	H.I.	−	Elev.	Left.			℄			Right.
T.P.				450.31				461.0			
	10.68	460.99									
237+43						451.5 9.5 40	455.3 5.7 16	455.5 5.5	453.4 7.6 16	454.4 6.6 35	454.2 6.8 40
237+63							452.7 8.3 30	453.0 8.0	453.2 7.8 30		
237+78					455.5 5.5 40	455.0 6.0 30	453.4 7.6 18	453.2 7.8	454.0 7.0 30		
237+92							454.0 7.0 30	454.7 6.3	455.0 6.0 16	456.3 4.7 30	456.3 4.7 40
238+06							454.3 6.7 30	456.5 4.5	455.6 5.4 16	455.1 5.9 30	
238+25						454.4 6.6 30	455.3 5.7 6	456.0 5.0	457.5 3.5 16	457.4 3.6 30	
238+50					455.0 6.0 40	456.5 4.5 30	457.1 3.9 20	455.1 5.9	455.9 5.1 30		
238+66							455.4 5.6 30	455.2 5.8	457.2 3.8 16	457.9 3.1 30	

Sta.	+	H.I.	-	Elev.	Left.	℄	Right
		460.99				461.0	
238+90					456.0 / 5.0 / 40 456.8 / 4.2 / 30 457.6 / 3.4 / 17	455.7 / 5.3	456.2 / 4.8 / 30
239+00					456.2 / 4.8 / 30 456.8 / 4.2 / 17	456.1 / 4.9	456.8 / 4.2 / 14 456.9 / 4.1 / 30
239+25					458.3 / 2.7 / 40 457.5 / 3.5 / 30 456.3 / 4.7 / 20	456.5 / 4.5	457.0 / 4.0 / 10 458.7 / 2.3 / 25 457.7 / 3.3 / 40
239+50					456.7 / 4.3 / 30 458.3 / 2.7 / 16	458.6 / 2.4	458.4 / 2.6 / 10 457.0 / 4.0 / 20 456.7 / 4.3 / 30
239+75					458.2 / 2.8 / 40 457.3 / 3.7 / 30 456.6 / 4.4 / 25	456.5 / 4.5	456.8 / 4.2 / 30
240+00					456.8 / 4.2 / 40 457.7 / 3.3 / 30 458.3 / 2.7 / 25 458.6 / 2.4 / 10	458.0 / 3.0	457.2 / 3.8 / 8 457.7 / 3.3 / 30 456.7 / 4.3 / 40
240+25					456.8 / 4.2 / 30 456.6 / 4.4 / 15	457.2 / 3.8	456.7 / 4.3 / 20 457.3 / 3.7 / 30 457.9 / 3.1 / 40
240+50					457.1 / 3.9 / 30 457.4 / 3.6 / 25 456.5 / 4.5 / 15	456.6 / 4.4	455.8 / 5.2 / 30
T.P.			4.41	456.58			

Sta.	+	H.I.	-	Elev.	Left	℄	Right
T.P.				456.58			
	1.14	457.72					
240+75					456.9 456.5 0.8 1.2 30 5	455.7 2.0	455.6 2.1 30
241+00					455.0 2.7 30	454.9 2.8	455.4 454.3 2.3 3.4 10 30
241+35					453.6 454.4 4.1 3.3 30 15	454.4 3.3	453.6 451.7 4.1 6.0 15 30
241+60					453.2 4.5 30	450.8 6.9	449.3 8.4 30
241+80					451.3 451.6 6.4 6.1 30 15	450.9 6.8	450.0 447.7 7.7 10.0 22 40
242+00					452.3 449.6 5.4 8.1 40 25	448.9 8.8	446.8 10.9 30
T.P.			11.17	446.55			
	1.18	447.73					
242+50					447.7 0.0 30	445.0 2.7	442.9 4.8 30

Sta	+	H.I.	−	Elev.	
-		447.73			
242+75					
243+00					
243+35					
244+00					
T.P.			0.91	446.82	246+44^{13}
T.P.			11.85	435.88	
	3.43	439.31			
244+35					
244+42					Gully ℄
244+50					
245+00					

Left. ℄ Right

445.3 444.1 443.5 442.5
2.4 3.6 4.2 5.2
30 20 30

443.3 442.4 442.4 439.9
4.2 5.3 5.3 7.8
30 30 50

442.1 442.3 441.3 440.0 438.6
5.6 5.4 6.4 7.7 9.1
30 15 10. 30

436.3 435.7 433.9
11.4 12.0 13.8
~~30.0~~ 30

433.7 432.1 430.2
5.6 7.2 9.1
30 30

438.9 433.9 431.1 428.9 427.3 425.0 416.1
0.4 5.4 8.2 10.4 12.0 14.3 22.6
150 100 50 50 100 150

435.3 434.3 432.8 431.1 431.1
4.0 5.0 6.5 8.2 8.2
30 10 8 30

439.2 437.2 435.0 432.3 434.2
0.1 2.1 4.3 7.0 5.1
30 28 35 40

Sta.	+	H.I.	-	Elev.			Left.			℄			Right			
		439.31														
										436.6	432.8	428.8				
245+45					Gully ℄					2.7	6.5	10.5				
											50	100				
										437.9	435.8	435.8	436.8	437.3	436.9	438.3
245+30										1.4	2.5	3.5	2.5	2.0	2.4	1.0
											8	12	20	25	30	40
T.P.				446.82	(Sh.# 11.)											
	6.68	453.50							440.5							
245+30									13.0							
									30							
							441.4	439.5	437.1	439.0	439.5					
245+50							12.1	14.0	16.4	14.5	14.0					
							30	10	5		30					
						443.2	442.2	440.0	441.8	442.2	443.0	442.1				
245+75						10.3	11.3	13.5	11.7	11.3	10.5	11.4				
						30	15	10	5		13	30				
									443.3	443.6	443.6					
246+00									10.2	9.9	9.9					
									30		30					
								444.7	446.9	446.9	446.6	445.5	445.2			
246+25								8.8.	6.6	6.6	6.9	8.0	8.3			
								30	7		17	25	30			

Sta.	+	H.I.	−	Elev.			Left.			℄	Right.		
		453.50											
246+44^{13} B.C.									446.0 7.5 300	446.8 6.7	447.0 6.5 30		
246+85								449.0 4.5 30	449.5 4.0 15	449.6 3.9	449.5 4.0 30		
247+10								452.3 1.2 30	454.0 −0.5 8	453.1 0.4	451.9 1.6 10	452.8 0.7 30	
T.P.			0.85	452.65		247+15							
	10.12	462.77											
B.M.#30			2.41	460.36	460.34	Book 114, P.10.							
247+25									452.7 10.1 30	453.3 9.5	455.0 7.8 30		
247+50							454.0 8.8 30	454.2 8.6 23	456.2 6.6 7	456.4 6.4	456.2 6.6 10	455.3 7.5 15	455.5 7.3 30
247+85								455.6 7.2 30	455.1 7.7 20	455.5 7.3	456.4 6.4 30		
248+10									456.7 6.1 30	458.4 4.4	457.9 4.9 10	457.4 5.4 12	457.7 5.1 30
248+35								456.9 5.9 30	456.9 5.9 12	458.5 4.3	459.4 3.4 8	460.1 2.7 30	

Sta.	+	H.I.	−	Elev.	Left.	¢	Right.
		463.17					
248+50					456.9 458.1 5.9 4.7 30 12	462.77 458.3 4.5	458.8 458.5 4.0 4.3 20 30
248+65					459.3 459.9 3.5 2.9 30 12	459.4 3.4	458.3 458.7 4.5 4.1 10 30
249+00					458.7 4.1 30	459.6 3.2	460.4 2.4 30
249+15					460.3 459.8 2.5 3.0 30 15	461.6 1.2	461.2 460.2 460.5 1.6 2.6 2.3 15 20 30
249+50						461.0 1.8	461.6 460.1 461.7 1.2 2.7 1.1 30 20 30
250+00					461.8 461.8 460.9 1.0 1.0 1.9 30 22 14	462.0 0.8	461.3 462.2 1.5 0.6 20 30
250+50					460.7 2.1 30	462.4 0.4	462.5 461.1 461.2 0.3 1.7 1.6 15 25 30
250+80.46 = E.C.					460.8 460.8 462.3 2.0 2.0 0.5 30 22 8	462.6 0.2	461.3 461.6 1.5 1.2 20

249+39.33 B.C. see book #113 page 18

Cont'd from Bk# 116/25

Lt. Rt. 15

B.Ev					458.12
	1.89	460.01			
220+43.27					
		10/6/26			
+67		Coote			
		Glover			
		Clifton-			
+88					
221+07					
+26					
+45					

On Hub ≢ 222+67.89 See Bk# 116/27

457 $\frac{14.3}{30}$		47.9 12.1	449.1 $\frac{10.9}{25}$	449.8 $\frac{10.2}{30}$	
447.8 $\frac{12.2}{30}$	451.0 $\frac{9.0}{15}$	450.7 9.3	448.8 $\frac{11.2}{14}$	449.6 $\frac{10.4}{30}$	
	448.2 $\frac{11.8}{30}$	448.3 11.7	448.6 $\frac{11.4}{13}$	451.1 $\frac{8.9}{30}$	
	447.2 $\frac{12.8}{30}$	449.1 10.9	449.8 $\frac{10.2}{30}$		
450.0 $\frac{10.0}{30}$	452.7 $\frac{7.3}{15}$	452.4 7.6	451.1 $\frac{8.9}{13}$	451.4 $\frac{8.6}{30}$	
	448.8 $\frac{11.2}{30}$	450.6 9.4	451.8 $\frac{8.2}{9}$	455.1 $\frac{4.9}{25}$	454.9 $\frac{5.1}{30}$

		460.01			
221+60					
+79					
+95					
222+14					
+34					
+43					
BM#			1.90	458.11	458.12

Cont'd on Pg 2 this Book-

Lt.						Rt.
	450.0 10.0 30	451.2 8.8 13	451.0 9.0	453.5 6.5 30		
452.8 7.2 30	452.1 7.9 25	454.3 5.7 16	454.1 5.9	452.0 8.0 13	452.4 7.6 30	
	452.0 8.0 30	452.7 7.3 23	453.1 6.9	452.8 7.2 14	454.3 5.7 25	454.1 5.9 30
	453.5 6.5 30	455.8 4.2 16	455.6 4.4	454.3 5.7 10	454.8 5.2 30	
	454.4 5.6 30	453.6 6.4 25	454.2 5.8	457.3 2.7 19	457.1 2.9 30	
			454.6 5.4			

See Blu Bk 116/27