

A4

LETTER

1910

BK. 24.

---

LEVEL BOOK  
No. L410

---

JOE DUNGAN ROAD  
HULL ROAD



Indianapolis Blue Print & Supply Co.  
Indianapolis, Indiana

Joe J. Duncan State Roads  
Govt. of the cen. Orillia & Libauem

21-17-1-N, thence running E. to sta 66+27'

thence N. to 92+76 $\frac{1}{2}$  or 15' on g. cor. ston

" dr " 106+6 $\frac{1}{2}$ '

" N " 116+7 $\frac{1}{2}$ '

" N 80°51'E to 118+11'

" N 21'E " 125+74 $\frac{1}{2}$ '

" N 100°58'W " 127+1X

" N to 145+60 $\frac{1}{2}$ '

Sta 128 to 132 on cen line

Mark Wright	1 day
A.E. Dratty	1 $\frac{1}{2}$ "
J. A. French	1 $\frac{1}{2}$ "
Ray "	$\frac{1}{2}$ "
E.A. Landreth	$\frac{1}{2}$ "

Fine Gravel at cen. N. of NE =

66+27'

Bolt stn 91' off. to N. then ston about

" 92 NE, NE " "



## LETTER

4	Sta	+s	T	Dungan Road	Road Elev	LEVELS		F.H	5
		-s		Road	Elev	Gross	Cut		
SBM				100.55	.55	100.00			
0				1.55	96.00	96.00	X		
1				1.55	96.00	95.2	.8		
2				5.30	95.25	94.4	.85		
3				7.70	92.85	93.6		.75	
4				8.85	91.70	92.8		1.1	
0	1.04	95.95	8.64	8.64					Line station Sta 4
5				4.95	91.00	92.00	X	1.	
6				5.00	90.95	91.55		.60	
7				5.20	90.75	91.10		.35	
8				5.40	90.55	90.65		.10	
9				7.25	88.70	90.20	X	1.50	
0	5.25	94.52	6.68						
10				5.70	88.62	90.20		1.58	
B.M.				4.30	90.22	90.20			
				2.53	91.99		.02		
11				4.88	89.64	90.20		1.56	
12				5.48	89.04	90.20		1.16	
13				4.98	89.54	90.20		.66	
14				4.94	89.58	90.20	X	.62	

Pack on east point  
Opp. 2nd road

After east toward  
Kebanur road

Line station Sta 4

Loc 0190  
N.W. corner S. Span  
Wall Edge

## LETTER

Sta	Y.S	T	-S	Rod	Elev	Grade	CUT	FILL
0	8.24	98.32	4.44					
15				8.50	89.82	90.79		.97
16				6.70	91.62	91.38	.24	
17				4.80	93.52	91.97	1.55	
18				4.25	94.07	92.66	1.51	
19				5.20	93.12	93.15		.03
20				5.65	92.67	93.74		1.07
0	7.43	99.80	5.95					
21				5.80	94.00	94.82		.32
22				4.90	94.90	94.90	X .00	.00
23				5.00	94.80	94.70	.10	
24				5.05	94.75	94.50	.25	
25				5.50	94.30	94.30	X .00	.00
26				6.35	93.45	93.20	.25	
26+55				7.20	92.60	92.55	.05	
27				7.95	91.85	92.1		.25
0	3.85	96.15	7.50	7.5				
28				5.20	90.75	91.00	X .05	
29				5.30	90.85	91.00	.55	.15

Constat. Sta 14

Constat. Sta 20

Constat. Sta 29

8

9

			Rod	Elev	Grade	Cut	F.H.
30	75	π	5.15	91.00	91.00	.00	.00
31			5.15	91.00	91.00	.00	.00
32			5.10	91.05	91.00	.05	.00
33			5.15	91.00	91.00	.00	.00
34			5.35	90.80	91.00		.2
35			5.65	90.50	91.00		.50
①	6.39	96.85	5.89				
36			6.05	90.80	91.00 X		.2
37			5.90	91.15	91.50		.05
38			5.20	91.65	92.00		.35
38120			5.05	91.80	92.10		.30
39			4.30	92.55	92.50 X	.05	
40			3.80	93.05	92.50	.55	
41			3.55	93.30	92.50	.80	
①	3.95	97.45	5.35				
42			5.05	92.40	92.50		.10
43			5.05	92.40	92.50		.10
44			5.10	92.05	92.50		.45
45			5.80	91.65	92.50	.85	15 18 Summ

10

Sta	+s	-t	-s	Rdg	Elev
46				5.50	91.95
47				5.75	91.70
0	5.95	92.58	5.82		

48				5.65	91.93
49				5.15	92.43
50				3.95	93.63
0	6.98	101.16	3.90	2.25	
51				5.60	95.36
52				3.05	98.09
53				4.85	96.31
54				5.65	95.51
55				6.00	95.16
56				6.85	94.31
0	310	97.46	6.80		

57				4.90	92.56
58				5.20	92.26
59				3.95	93.51
60				4.30	93.16
61				5.00	92.98

11

Grade	CUT	FILL
92.50		.55 <del>92.50 =</del>
92.50		.80 18' Survey
92.50		.57
92.50 X		.07
93.84		.21
95.17	,89	
98.50 X	1.59	
96.50 X		.19
95.75		.24
95.00	,16	
94.25	,06	
93.50 X		.94 57465
93.50		1.24 18' Survey
93.50 X	.01	
93.25		.09
93.00		.54

12

Sta	+S	π	-S	Rod	Elev
0	1.18	97.71	.93	91.	
62				5.60	92.11
63				5.40	92.31
64				5.20	92.51
65				5.25	92.46
66				6.20	91.51
BM				2.00	95.71
66+28				6.05	91.66
67				5.80	91.91
68				5.85	91.86
69				5.85	91.86
0	7.95	99.31	6.35		
70				7.15	92.16
71				6.60	92.71
72				5.55	93.76
73				4.85	94.46
74				4.70	94.61
75				4.10	95.21
76				3.05	96.26

Grade CUT Fill

13

92.75	.64
92.50	.19
92.25	.26
92.00	A6
91.75	.24
91.65	X .01
91.79	.12
91.93	.07
92.07	.21
92.20	X .04
92.90	.19
93.60	.16
94.30	.16
95.00	X .38
95.92	.21
95.89	.12

Cast and West wing  
See N side Sea Hawk

66+45

18° Seven

14

Sta	+ S	- S	Rod	Elev	Grade	Cut	Fill
77		99.31	2.55	96.76	96.25	X .51	
0	4.06	106.11	2.26				
78			5.25	95.86	96.25		.39
79			5.20	95.91	96.25		.34
80			4.75	96.36	96.25	.11	
81			4.85	96.26	96.25	X .01	
82			6.50	94.61	95.15		.54
83			7.40	93.71	94.05		.34
84			8.15	92.96	92.95	X .01	
85			8.70	92.41	92.70		.29
0	5.18	96.80	9.49				
86			7.55	92.25	92.46		.21
87			4.95	91.85	92.22		.37
88			5.15	91.65	91.98		.33
89			4.90	91.90	91.74	.16	
90			5.20	91.60	91.50	X .10	
91			6.10	90.70	91.50		.80 92447
92			6.10	90.70	91.56		.80 18" Survey
	72 + 61.5		6.40	90.40	91.50		1.10

15

16

Stn	+S	X	-S	Ros	Elev	Grade	Cut	Fill
93				6.18	90.70	91.50		.80
94				5.65	91.18	91.50 X		.35
Q	5.35	96.65	5.50					
95				4.10	92.55	91.75	.80	
96				3.95	92.70	92.00 X	.70	
97				4.50	92.15	91.66	.19	
98				5.90	90.75	91.33		.58
99				6.15	90.50	91.00 X		.50
100				6.30	90.35	91.00		.65
②	5.58	95.75	6.48					
101				5.25	90.50	91.00		
102				5.05	90.70	91.00		.50
103				5.25	90.50	91.00 X		.30
104				4.55	91.20	91.17	.03	.50
105				3.50	92.25	91.34	.91	
Q	3.60	95.55	3.80					
106(?)				4.05	91.50	91.50 X	.00	.00
107				4.60	90.95	91.10		.15
108				5.10	90.45	90.70		.25

17

## LETTER →

Sta	T.S.	T	-S	Rod	Elev	Gross	Cut	Fill	L
124	20								
125		91.70		4.85	89.95	90.20		.25	
125+25				5.20	89.50	90.20		.70	
126				5.25	89.50	90.20		.70	
126				5.00	89.70	90.20		.50	
126+125				4.50	90.20	90.20	.00	.00	
In Bagu				2.70	92				
B.M.				Ditch Roads		Elev present marked			S.W. cor. W. of Warr Bridge
127				6.95	87.85	88.95	90.20	2.45	
128				6.75	87.95	89.00	90.20	2.25	
0	8.65	97.25	6.10						
129				8.95	7.30	88.90	90.20	1.90	
130				7.00	6.40	90.25	90.35	90.20 X .05	
131				5.30	4.70	91.95	92.55	92.60 .15	.65
132				2.60	2.55	94.65	94.70	95.00 X .35	
0	4.08	99.69	1.64						
132+133				2.90	97.29		95.00	2.29	
133				1.90	97.79		95.00	2.79	
134				2.40	95.29		95.00 X .29		
135				5.75	93.94		95.05		1.11
136				6.60	93.09		93.10 X .01		

22

Sta	+S	T	-S	Rod	Ellev
137		99.89		7.30	92.39
①	4.43	97.87	6.25		
138				5.85	92.02
139				5.85	92.02
140				5.15	92.72
141				4.50	93.37
142				3.90	93.97
143				3.20	94.67
①	3.90	100.12	1.65	1.00	
144				3.90	96.22
145				.75	99.37
145 + 60 <sup>1/2</sup>				1.00	99.12

Grade	Cut	Fill	
93.10		.71	
93.10		.08	138+65
93.10		.08	18" Survey
93.10 X		.38	
93.55		.18	
94.00 X		.03	
95.25		.58	
96.50 X		.28	
98.38 .99			
99.30 X		.18	

23

**24** Estimate

Grading	\$ 2150.00
Stone 17860 Cu Yds @ 10	5346.00
Hauling Stone	3645.00
Sewers	200.00
Loading & Spreading Stone	486.00
Spreading & Rolling	750.00
Embanking	290.00
Profit	633
	<hr/>
	\$13500.

**25**

28. Hull Rd? A/14

Hull Road

Beginning at point 39' N. of S.W. Cor. of  
18-47-2E. thence S<sup>47</sup>E to a point 3'.5'  
E. of said S. W. Cor. &  
Gen.

Sta 15+20.6 = Cen. S of SW. 1S.

Sta 28+53 = S<sup>2</sup> 18'

Sta 41+77 = Cen S. of SE.

Sta 55+4.70 = Cen NE + 19'

Sta 66+60 = Stone 170 ft 500 ft S. Cor. at

Sta 68+44 = P.C.)

Sta 69+84 = P.I { Targ L 96° 4'

Sta 69+44 = P.T.)

P.I to Cen Line 15'

Sta 72+6.1 = P.C.

Sta 72+48.1 = P.I Targ L = 84.36

Sta 72+70.1 = P.T.

P.I to Cen Line = 12'

Sta 77+30 = P.C.

78-10 = P.I

This probably should  
be 165-55' - Shortle '47

78+70 = P.T Targ L 113.29'

P.I to Cen Line 5' Def L

Sta 85+50 = P.C. )

Sta 86+86.4 = P.I } Targ L 17.0

Sta 86+92.9 = P.T } Def L

P.I to Cen Line 3'

Sta 100+65.3 = P.C.

Sta 101+63 = P.I Targ L 126° 49'

Sta 102+70.7 = P.T Def L

P.I to Cen Line 18'

103+39 P.C.

104+100+33.5 = Sta 105+19.27 19-20-29.27

105+93 P.I Targ L 151° 41'

106+47 P.T.

P.I to Cen Line 2' 6"

Sta 115+12.27 = R. Def 0° 13'

Targ 179° 12'

Sta 118+37.27 R. Def 4° 28'

Sta 119+63.47 R. 13°

Sta 124+7.81 L 10° 5'

Sta 123 + 83.26 L. Def. 11° 01'

30

Sta 130 + 48 ft 17' from cor post  
on South Side road. R. Def. 5° 50'

Sta 132 + 61 Cen Ridge

Sta 133 + 57 Stone 15' from  
post on S. of Road R. Def 13° 58'

42<sup>nd</sup> post from W. cor post.

Sta 135 + 94 END OF ROAD

31

## LE 32 LS HULL ROAD

STA	+5	-5	HI	ROD	ELEV.	GRADE	CUT	FILL
BM	7.11			107.11	100.00			
0				7.40	99.71	99.71 X	.00	.00
1				7.697	100.14	100.08		.54
2				5.30	101.61	101.64		.03
3				4.90	102.21	102.80 X		.39
4				4.35	102.56	102.80 X		.24
5				5.40	101.71	101.61	.10	
0	1.29	4.69	103.71					
6				3.43	100.21	100.43		.17
7				4.20	99.0	99.35 X		.84
8				3.15	98.36	98.93		.37
9				5.16	98.5	98.62		.06
10				5.40	98.31	98.31 X	.00	.00
0	3.90	5.50	102.11					
11				3.95	98.16	98.40 X		.24
12				2.85	99.26	99.40		.14
12+10				2.69	99.51	99.51 X	.00	.00
13				3.70	98.21	98.40 X		.19

33

CROSS CUT  
1033 OF W.  
1020 OF CUT  
557

18FEB34

	-S	H.I.	POD.	ELEV.	GRADE	CUT	FILL
14			3.85	98.26	98.46		.20
15			3.60	98.51	98.51	.00	.00
16			3.55	98.56	98.56 X	.00	.00
0	5.40	3.67	103.89				

17			5.10	98.74	99.09		.35
18			4.60	99.19	99.62		.43
19			3.70	100.14	100.14 X	.00	.00
20			3.65	100.19	100.19 X	.00	.00
21			4.00	99.84	99.00 X		.06
22			4.80	99.04	99.06		.02
23			4.55	99.29	99.12	.17	
0	5.32	5.08	102.08				

24			2.90	99.18	99.16 X	.00	.00
25			3.30	98.73	98.90		.17
26			3.60	98.47*	98.62		.14
27			4.05	98.03	98.35		.32
28			4.00	98.07	98.08 X	.00	.00
29			4.20	97.88	98.51		.63
30			3.40	98.68	98.94		.26

35

36

STA	+S	-S	H.I.	AHD	ELEV	GRADE	CUT	FILL
0	5.50	3.10		104.95				

31					92.5	100.23	.99.36	.87
32					4.70	99.78	.99.78 X	.00
33					4.70	99.78	100.18	.40
34					9.90	100.58	100.58 X	.00
35					4.35	100.13	.99.98	.15
36					5.70	98.78	.93.38	.40
37	12	"			6.25	98.23	98.79	
0	5.60	5.93		104.15				

37

156' x 12" Box 20' long

38					5.95	98.20	.98.20 X	.00
39					6.20	97.95	.98.30	.35
40					6.05	98.10	.98.10 X	.00
41					3.70	98.45	.98.68	.23
B.M.					0.70	104.05	.94.57	
42					4.90	99.25	.99.25	.00
43					5.90	98.75	.98.79	.04
44					6.20	97.95	.98.34	.39
45					6.55	97.60	.97.89	.89
0	5.37	6.50		102.57				

Crossed Nails  
on N.E. corner  
Post

STA 38

+3

H.L.

F.D.C.

ELEV

GRADE CUT

FILL

46		5.10	97.44	97.44 X .00	.00
47		5.55	97.19	97.61	.42
48		5.05	97.49	97.77	.28
49		5.05	97.49	97.93	.44
50		7.45	98.09	98.09 X .00	.00
51		7.55	97.99	97.92 .07	
52		7.75	97.79	97.75 .04	
○	7.43	5.09	101.88		

53		4.90	97.58	97.58 X .00	.00
54		5.80	96.58	97.46	.88
55		7.75	97.13	97.34	.21
○	4.17	4.38	101.67		

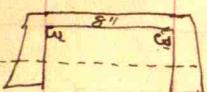
56		4.45	97.22	97.22 X .00	.00
57		3.90	97.77	97.31 .46	
58		4.25	97.42	97.40 .02	
59		4.75	96.92	97.49	.57
60		7.10	97.67	97.57 X .00	.00
61		7.20	97.47	97.63	.18
62		3.80	97.87	97.73 .14	

39

40

STA.	+S	-S	H	POD	ELEV	GRADE CUT	FILL
0	7.51	3.93	102.25				
63				7.95	97.80	97.80X .00	.00
64				7.85	97.40	97.87	.77
65				7.70	97.55	97.94	.39
66				7.25	98.00	98.00X .00	.00
67			18' roadway	7.25	97.00	97.30	.30
68				7.40	96.85	96.60	.15
69				6.30	95.90	95.90X .00	.00
70				7.95	94.30	95.55	1.25
6				6.15	94.93	95.20 X	.27
71				6.15	94.93	95.20 X	.27
72				2.55	98.53		
B. 1/2 Rd				5.20	95.88	96.05	.17
73				2.80	97.28	96.89	.39
74				3.55	97.73	97.73X .00	.00
75				2.75	98.33	98.53X .00	.00
76				3.00	98.08	98.08 .00	.00
77				3.25	97.48	97.83	.35
0	2.78	3.13	100.73				
78							

41



70+50'  
8' flat top  
~~18' side 22' long~~

Crossed 76.13  
27 top cor 003  
74.16 cor

42

STA	S	-S	WHL	ROD	ELEV	GRADE CUT	FILL
79				3.15	97.58	97.58 X .00	.00
80				4.30	96.43	96.72	.29
81				5.55	95.18	95.86	.68
82				6.80	93.93	95.00 X	1.07
83				4.20	95.83	95.37	.46
84				5.00	95.73	95.73 X .00	.00
0	5.16	5.25	1006F				

85				5.10	95.54	95.97	.43
86				5.05	95.59	96.21	.62
87				4.20	96.44	96.44 X .00	.00
88				2.90	97.74	97.74 X .00	.00
89				2.65	97.79	97.76	.23
90				2.95	97.69	97.78	.09
0	3.89	3.31	10132				

91				3.70	97.52	97.80 X	.28
92				4.15	97.07	97.30	.23
93				4.30	96.92	96.91	.11
94				4.90	96.32	96.32 X .00	.00
95				6.20	95.02	96.35	1.33

43

78x25'  
12" Sewer 2 1/079,  
G  
81x93'  
24" Sewer 2 1/029

STA	S	H.L	R.D.	ELEV	GRADE	CUT	FILL	
96				96.30	96.92	96.38	.54	95+55'
97				6.25	94.97	96.40	.7	12" Sewer 22 1/2 long
98				4.80	96.42	96.47		
0	3.65	4.93	189.95				.05	
99				3.90	96.54	96.54	.00	
100				3.80	96.14	96.00	.14	
101				4.40	95.54	95.46	.08	
102				5.05	94.89	94.93		.04
103				5.65	94.29	94.40	X	
104				6.25	93.79	94.50		.11
105				6.35	93.59	94.60		.71 109+65'
106				4.40	95.54	94.70	- .84	27" Sewer 22 1/2 long
0	3.50	5.02	98.42					
107				8.35	95.07	94.80	X .27	
108				4.85	93.57	93.67		
109				5.30	93.12	92.34	.58	
110				7.00	91.42	91.42	X .00	.00 111+80'
111				11.30	87.12	89.00	X .12	
0	4.50	11.30	91.62					18" Sewer 22 1/2 long

## LETTER

46

STA	+S	-S	H/L	ROD	ELEV	GRADE	CUT	FILL
111+40				4.92	86.70	8.900		2.30
S(Outlet)				6.98	84.64			
N(Outlet)				12.96	79.26			
112				4.90	86.72	89.00 X		2.28
113				1.85	89.77	90.50		.73
○	5.60	1.90		95.32				
114				2.95	92.37	92.00 X	.37	
115				0.90	94.42	92.00 X	2.42 X	<del>XX</del>
116				3.50	91.82	89.50	3.32	
117				6.05	89.27	85.00 X	4.27	
118				10.60	84.72	79.52	6.20	
○	0.45	11.83		88.97				
119				8.85	76.12	72.04	5.08	
○	0.50	11.62		72.82				
120				7.25	65.57	765.57 + .00		.00
○	0.11	11.71		61.22				
121				5.25	55.97	59.41		3.44
○	0.41	11.65		79.98				
122				1.65	48.83	53.25		4.08

47

2

STA	+ S	- S	Hd	POD	ELEV	GRADE	CUT	FILL	
123				5.50	44.48	97.09 74.00		2.61	
123 + 30									
124				6.60	43.37	44.00		.62	
124 + 8				6.50	73.48	44.00	X	.52	
125				10.35	39.63	91.00		.37	Cen. Edge
○	1.65	11.23	40.90						
126				2.70	37.70	38.00	X	.30	127 STA.
127				4.95	35.45	36.60		1.15	12" Sewer 2 2/10%
128				5.65	34.75	35.20		.45	
129				7.00	33.40	33.80		.40	128 + 36'
130				8.00	32.40	32.40	X ,00	.00	30" Sewer 2 2/10%
○	2.67	9.80	33.27						
131				5.00	28.27	29.20		.93	
132				7.75	25.52	26.00	X	.48	
133				7.25	24.02	24.60		.58	
○	4.11	8.61	28.7701						
B.M.				2.28	26.49	26.50		.01	
31/198				1.97	26.80	26.80		.00	
134				6.15	22.62	23.20	X	.58	

Notch & closed  
near S. W. Side  
Syc. tree W. of  
page.

**50**

STA	+5	-5	HGT	FTD	ELEV	GRADE	CUT	FILL
135				7.65	21.12	21.10	.02	
135-97				10.50	18.27	19.00 X		.73

**51**

Estimate

52

## Grading -

3-12' Sems @ 45.00 =

3-18" " @ 63.00 =

1-30" "

Gravel Cu Yds = 5856

## Hauling

General Shaping up & r  
Profesfull Roy

53

\$1650.00

226.50

190.50

105.00

1264.00

3792.00

250.00

768\$8228.00