

## Traffic Engineering Services, Inc.

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3011 Bethel Road, Suite 204  
Columbus, Oh. 43220  
Phone (614) 459-1892  
Fax (614) 459-0061

Rec'd  
MAY 04 1998  
JRP  
llc  
5/4/98

April 29, 1998

Mr. Richard D. Chaffin  
Traffic Analysis Administrator  
Ohio Department of Transportation  
District 9  
650 Eastern Avenue  
PO Box 467  
Chillicothe, OH 45601-0467

Re: Ross County - Flasher at Mead Paper Company (SR 104)

Dear Richard:

With this letter we are returning the subject plans for your approval. We have field verified the slope behind the guardrail and determined that the sign will be 5' above the pavement.

As we discussed on the phone, since this project will be constructed privately, some of the quantities have been combined for simplicity. All of the items will be installed in accordance with ODOT specifications.

If you have any questions concerning these plans, please call me.

Very truly yours,



Gerald L. Wilcox, P.E.

GLW/sv  
Enclosure

cc: Tom Brooks

## Traffic Engineering Services, Inc.

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Columbus, Oh. 43220  
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April 29, 1998

Mr. Richard D. Chaffin  
Traffic Analysis Administrator  
Ohio Department of Transportation  
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PO Box 467  
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Dear Richard:

With this letter we are returning the subject plans for your approval. We have field verified the slope behind the guardrail and determined that the sign will be 5' above the pavement.

As we discussed on the phone, since this project will be constructed privately, some of the quantities have been combined for simplicity. All of the items will be installed in accordance with ODOT specifications.

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Very truly yours,



Gerald L. Wilcox, P.E.

GLW/sv  
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cc: Tom Brooks



## Traffic Engineering Services, Inc.

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3011 Bethel Road, Suite 204  
Columbus, Oh. 43220  
Phone ( 614) 459-1892  
Fax (614) 459-0061

January 8, 1998

Mr. Richard Chaffin  
Ohio Department of Transportation  
District 9  
650 Eastern Avenue  
Chillicothe, OH 45601

Re: Intersection Flashing Beacon  
SR 104 @ Mead Paper

Dear Mr. Chaffin:

With this letter we are transmitting one copy of plans for a proposed flashing beacon at the subject locations.

The beacons are proposed to enhance the safety of trucks entering and leaving the Mead facility. The two drives proposed for the beacons are used by trucks.

The existing 85th percentile speeds on SR 104 northbound are 61.3 MPH in the right lane and 61.3 MPH in the left lane. Southbound the 85th percentile speeds are 57.7 MPH in the right lane and 59.9 MPH in the left lane.

The percentage of trucks is high. Northbound 7.5% of the vehicles are FHWA class 8 or higher (semi tractor trailers). Southbound the percentage is 2.74%. The total vehicles counted in a 24 hour period was 7012. All of this information is attached.

The beacon is proposed to help increase the visibility of the intersections. This is desirable because of the high number of trucks in the traffic flow and the high speeds on SR 104.

The proposed installations would be constructed by Mead and they would pay for the operation and maintenance. One intersection is within the City and one is outside the City. Both installations are shown on the attached plans. A copy of the plans is being submitted to the City of Chillicothe for concurrent review.

Rec'd  
JAN 12 1998  
JP + R  
1/12/98

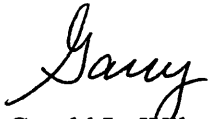
C. Chaffin

2 Intersection Flashing Beacon  
SR 104 @ Mead Paper

At the south intersection there is some question concerning the right-of-way on the west side of the road. Based on ODOT records, the right-of-way should be 80 feet from center line. However, our field observations show fences about 70 feet from center line. This would indicate that the right-of-way is less than 80 feet. Our plans show the pole outside the fence lines.

If you have any questions concerning these plans, please call me.

Very truly yours,



Gerald L. Wilcox, P.E.

GLW/sv  
Enclosures

cc: Steve Houseman  
Tim Stosik

**Traffic Engineering Services, Inc.**

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

*SR 104  
 Classification  
 Northbound, Left Lane*

Site: 11202  
 Date: 11/20/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	13	0	10	3	0	0	0	0	0	0	0	0	0	0
4:00	93	0	82	9	2	0	0	0	0	0	0	0	0	0
5:00	70	0	58	11	0	1	0	0	0	0	0	0	0	0
6:00	62	0	48	14	0	0	0	0	0	0	0	0	0	0
7:00	48	0	37	10	0	1	0	0	0	0	0	0	0	0
8:00	26	0	23	3	0	0	0	0	0	0	0	0	0	0
9:00	11	0	10	1	0	0	0	0	0	0	0	0	0	0
10:00	20	0	13	5	1	1	0	0	0	0	0	0	0	0
11:00	6	0	5	0	0	0	0	0	0	1	0	0	0	0
Daily	349	0	286	56	3	3	0	0	0	1	0	0	0	0
Totals														
Percent of Total		0.0	81.9	16.0	0.9	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0

# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11202  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	10	0	8	2	0	0	0	0	0	0	0	0	0	0
1:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	6	0	3	0	0	0	0	0	0	0	3	0	0	0
4:00	8	0	5	2	0	0	0	0	0	0	1	0	0	0
5:00	43	0	30	9	1	2	0	0	0	0	1	0	0	0
6:00	83	1	52	22	1	3	0	0	0	1	3	0	0	0
7:00	98	0	77	14	1	2	0	0	0	1	3	0	0	0
8:00	129	0	89	20	3	4	0	0	0	6	7	0	0	0
9:00	51	0	32	14	0	0	0	0	0	3	2	0	0	0
10:00	78	1	43	18	0	2	0	0	0	6	8	0	0	0
11:00	67	0	49	15	0	0	0	0	0	0	3	0	0	0
12:PM	63	0	44	15	0	1	0	0	1	2	0	0	0	0
1:00	71	0	54	11	0	1	1	0	0	4	0	0	0	0
2:00	83	0	62	19	1	1	0	0	0	0	0	0	0	0
3:00	75	0	59	12	2	1	0	0	0	1	0	0	0	0
4:00	84	0	72	11	0	0	0	0	0	1	0	0	0	0
5:00	74	0	54	17	0	1	0	0	1	1	0	0	0	0
6:00	38	0	26	12	0	0	0	0	0	0	0	0	0	0
7:00	42	0	32	7	1	2	0	0	0	0	0	0	0	0
8:00	23	0	19	4	0	0	0	0	0	0	0	0	0	0
9:00	28	0	20	7	0	1	0	0	0	0	0	0	0	0
10:00	31	0	24	6	1	0	0	0	0	0	0	0	0	0
11:00	15	0	8	7	0	0	0	0	0	0	0	0	0	0
Daily Totals	1.202	2	863	245	11	21	1	0	2	26	31	0	0	0
Percent of Total		0.2	71.8	20.4	0.9	1.7	0.1	0.0	0.2	2.2	2.6	0.0	0.0	0.0

# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11202  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	8	0	6	2	0	0	0	0	0	0	0	0	0	0
1:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
2:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0
3:00	5	0	3	0	0	0	0	0	0	0	2	0	0	0
4:00	9	0	2	0	0	0	0	0	0	0	7	0	0	0
5:00	13	0	9	2	0	0	0	0	0	0	2	0	0	0
6:00	28	0	15	5	0	0	0	0	0	0	8	0	0	0
7:00	30	0	21	5	0	0	0	0	0	0	4	0	0	0
8:00	40	1	22	8	0	3	0	0	0	3	3	0	0	0
9:00	35	0	24	6	0	1	0	0	0	0	4	0	0	0
10:00	46	0	31	9	0	0	0	0	0	0	6	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily	219	1	137	38	0	4	0	0	0	3	36	0	0	0
Totals														
Percent of Total		0.5	62.6	17.4	0.0	1.8	0.0	0.0	0.0	1.4	16.4	0.0	0.0	0.0

**Traffic Engineering Services, Inc.**

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

*SR 104  
 Classification  
 South bound, Right lane*

Site: 11201  
 Date: 11/20/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	117	0	71	37	2	5	0	0	1	1	0	0	0	0
5:00	218	0	159	55	0	2	0	0	0	2	0	0	0	0
6:00	207	1	162	34	0	7	0	0	1	2	0	0	0	0
7:00	143	1	112	28	0	2	0	0	0	0	0	0	0	0
8:00	96	0	79	16	0	1	0	0	0	0	0	0	0	0
9:00	75	0	65	8	0	1	0	0	0	1	0	0	0	0
10:00	99	0	78	18	1	2	0	0	0	0	0	0	0	0
11:00	73	0	56	13	0	2	1	0	0	1	0	0	0	0
Daily Totals	1.028	2	782	209	3	22	1	0	2	7	0	0	0	0
Percent of Total		0.2	76.1	20.3	0.3	2.1	0.1	0.0	0.2	0.7	0.0	0.0	0.0	0.0



# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11201  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	42	0	29	13	0	0	0	0	0	0	0	0	0	0
1:00	15	0	12	2	1	0	0	0	0	0	0	0	0	0
2:00	15	0	11	3	1	0	0	0	0	0	0	0	0	0
3:00	16	0	9	4	1	0	0	0	0	2	0	0	0	0
4:00	7	0	5	1	0	1	0	0	0	0	0	0	0	0
5:00	5	0	1	1	1	1	0	0	0	0	1	0	0	0
6:00	28	0	14	7	0	1	0	0	0	6	0	0	0	0
7:00	73	0	49	17	3	1	0	0	0	3	0	0	0	0
8:00	94	0	47	31	5	6	1	0	0	4	0	0	0	0
9:00	109	0	83	20	1	3	0	0	0	2	0	0	0	0
10:00	110	0	64	36	0	7	0	0	0	3	0	0	0	0
11:00	124	0	77	35	4	2	1	0	0	5	0	0	0	0
<hr/>														
12:PM	130	0	90	32	0	6	0	0	0	2	0	0	0	0
1:00	168	0	119	40	1	3	1	0	2	1	1	0	0	0
2:00	137	0	99	33	0	2	0	0	2	1	0	0	0	0
3:00	195	0	143	39	3	4	1	0	2	3	0	0	0	0
4:00	224	0	158	50	2	10	1	0	0	2	0	1	0	0
5:00	224	0	164	56	0	2	0	0	1	1	0	0	0	0
6:00	204	0	162	38	0	4	0	0	0	0	0	0	0	0
7:00	139	0	114	25	0	0	0	0	0	0	0	0	0	0
8:00	117	0	94	22	0	1	0	0	0	0	0	0	0	0
9:00	92	0	76	15	0	1	0	0	0	0	0	0	0	0
10:00	71	0	63	8	0	0	0	0	0	0	0	0	0	0
11:00	89	0	70	18	0	0	0	0	0	1	0	0	0	0
<hr/>														
Daily Totals	2,428	0	1,753	546	23	55	5	0	7	36	2	1	0	0
<hr/>														
Percent of Total		0.0	72.2	22.5	0.9	2.3	0.2	0.0	0.3	1.5	0.1	0.0	0.0	0.0

# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11201  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	68	0	55	11	1	1	0	0	0	0	0	0	0	0
1:00	35	0	29	5	0	1	0	0	0	0	0	0	0	0
2:00	23	0	19	3	0	1	0	0	0	0	0	0	0	0
3:00	15	0	12	1	1	0	0	0	0	1	0	0	0	0
4:00	10	0	8	1	0	0	0	0	0	1	0	0	0	0
5:00	13	0	8	0	1	2	0	0	0	2	0	0	0	0
6:00	17	0	14	3	0	0	0	0	0	0	0	0	0	0
7:00	34	0	17	11	0	1	0	0	0	5	0	0	0	0
8:00	43	0	26	11	0	1	2	0	0	3	0	0	0	0
9:00	58	0	41	10	0	3	1	0	0	2	1	0	0	0
10:00	69	0	44	23	0	1	0	0	0	1	0	0	0	0
11:00	81	1	54	23	0	1	1	0	0	1	0	0	0	0
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily	466	1	327	102	3	12	4	0	0	16	1	0	0	0
Totals														
Percent of Total		0.2	70.2	21.9	0.6	2.6	0.9	0.0	0.0	3.4	0.2	0.0	0.0	0.0

**Traffic Engineering Services, Inc.**

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

*SR 104  
 Classification*

Site: 11201  
 Date: 11/20/97  
 File: [none]

*Southbound, Left Lane*

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Trs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	61	0	41	14	1	2	0	0	0	3	0	0	0	0
5:00	98	1	76	13	0	2	0	0	0	6	0	0	0	0
6:00	94	0	68	21	0	1	0	0	0	3	1	0	0	0
7:00	53	1	40	6	2	0	0	0	0	4	0	0	0	0
8:00	44	0	34	8	1	1	0	0	0	0	0	0	0	0
9:00	39	0	32	5	0	1	0	0	0	1	0	0	0	0
10:00	51	0	42	7	0	1	0	0	0	1	0	0	0	0
11:00	28	0	20	7	0	1	0	0	0	0	0	0	0	0
Daily Totals	468	2	353	81	4	9	0	0	0	18	1	0	0	0
Percent of Total		0.4	75.4	17.3	0.9	1.9	0.0	0.0	0.0	3.8	0.2	0.0	0.0	0.0

# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11201  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Ax1 Double	5 Ax1e Double	>6 Ax1 Double	<6 Ax1 Multi	6 Ax1e Multi	>6 Ax1 Multi
12:AM	9	0	7	2	0	0	0	0	0	0	0	0	0	0
1:00	11	0	11	0	0	0	0	0	0	0	0	0	0	0
2:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0
3:00	2	0	1	0	0	0	0	0	0	1	0	0	0	0
4:00	6	0	4	2	0	0	0	0	0	0	0	0	0	0
5:00	11	0	10	0	0	0	0	0	0	1	0	0	0	0
6:00	17	0	11	5	0	0	0	0	0	1	0	0	0	0
7:00	51	0	36	12	1	0	0	0	0	2	0	0	0	0
8:00	64	0	44	16	0	1	1	0	0	2	0	0	0	0
9:00	42	0	25	12	0	3	0	0	0	2	0	0	0	0
10:00	40	0	23	6	2	3	0	0	1	5	0	0	0	0
11:00	45	0	25	14	0	1	0	0	0	5	0	0	0	0
<hr/>														
12:PM	53	0	36	12	0	1	0	0	0	4	0	0	0	0
1:00	76	0	60	9	0	2	0	0	1	4	0	0	0	0
2:00	69	0	49	13	0	3	0	0	0	4	0	0	0	0
3:00	76	0	51	16	1	3	1	0	0	4	0	0	0	0
4:00	106	1	80	20	0	1	0	0	0	4	0	0	0	0
5:00	82	0	61	18	0	2	0	0	0	1	0	0	0	0
6:00	90	2	64	20	1	0	0	0	1	2	0	0	0	0
7:00	51	0	48	2	0	0	0	0	0	1	0	0	0	0
8:00	52	0	32	16	0	1	0	0	0	3	0	0	0	0
9:00	40	0	33	3	1	2	0	0	0	1	0	0	0	0
10:00	42	0	33	9	0	0	0	0	0	0	0	0	0	0
11:00	40	0	32	6	1	1	0	0	0	0	0	0	0	0
<hr/>														
Daily	1,078	3	778	214	7	24	2	0	3	47	0	0	0	0
Totals														
Percent of Total		0.3	72.2	19.9	0.6	2.2	0.2	0.0	0.3	4.4	0.0	0.0	0.0	0.0

# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11201  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	22	0	19	3	0	0	0	0	0	0	0	0	0	0
1:00	13	0	9	2	0	1	0	0	0	1	0	0	0	0
2:00	10	0	10	0	0	0	0	0	0	0	0	0	0	0
3:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
4:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0
5:00	4	0	3	1	0	0	0	0	0	0	0	0	0	0
6:00	16	0	9	6	0	1	0	0	0	0	0	0	0	0
7:00	10	0	6	3	0	0	0	0	0	1	0	0	0	0
8:00	13	0	7	2	0	0	0	0	0	4	0	0	0	0
9:00	10	0	5	3	0	0	0	0	0	2	0	0	0	0
10:00	24	1	17	3	0	0	0	0	0	3	0	0	0	0
11:00	27	0	19	7	0	0	0	0	0	1	0	0	0	0
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily	155	1	109	31	0	2	0	0	0	12	0	0	0	0
Totals														
Percent of Total		0.6	70.3	20.0	0.0	1.3	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0

## Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

*SR 104  
 Classification  
 North bound, Right lane*

Site: 11202  
 Date: 11/20/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	15	0	8	4	1	1	0	0	0	1	0	0	0	0
4:00	167	2	104	30	1	6	0	0	0	21	3	0	0	0
5:00	139	0	111	16	0	1	0	0	0	11	0	0	0	0
6:00	112	0	81	13	1	2	0	0	0	15	0	0	0	0
7:00	61	0	41	8	1	1	0	0	0	10	0	0	0	0
8:00	60	0	48	4	1	1	0	1	0	5	0	0	0	0
9:00	60	0	37	13	1	2	1	0	0	5	1	0	0	0
10:00	54	0	39	13	1	0	0	0	0	1	0	0	0	0
11:00	17	0	13	3	0	1	0	0	0	0	0	0	0	0
Daily Totals	685	2	482	104	7	15	1	1	0	69	4	0	0	0
Percent of Total		0.3	70.4	15.2	1.0	2.2	0.1	0.1	0.0	10.1	0.6	0.0	0.0	0.0



# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11202  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	12	0	8	4	0	0	0	0	0	0	0	0	0	0
1:00	9	0	8	1	0	0	0	0	0	0	0	0	0	0
2:00	9	0	7	2	0	0	0	0	0	0	0	0	0	0
3:00	13	0	7	3	0	0	0	0	0	3	0	0	0	0
4:00	11	0	4	2	0	0	0	0	0	3	2	0	0	0
5:00	16	0	5	4	0	0	0	0	0	4	3	0	0	0
6:00	123	1	69	35	0	6	0	0	0	11	1	0	0	0
7:00	134	0	94	23	3	3	0	0	0	11	0	0	0	0
8:00	118	0	76	25	2	4	0	0	0	11	0	0	0	0
9:00	136	1	89	28	1	4	0	0	0	13	0	0	0	0
10:00	143	0	89	28	0	5	2	0	0	18	1	0	0	0
11:00	146	0	91	27	1	3	0	0	2	21	1	0	0	0
<hr/>														
12:PM	138	0	94	18	0	9	0	1	1	13	2	0	0	0
1:00	159	0	99	32	1	7	3	0	1	14	2	0	0	0
2:00	161	0	115	27	1	4	2	1	1	9	1	0	0	0
3:00	143	0	97	21	7	8	0	0	0	10	0	0	0	0
4:00	177	0	123	41	1	3	0	1	1	6	1	0	0	0
5:00	123	0	94	20	1	2	1	0	0	5	0	0	0	0
6:00	87	0	70	11	0	0	0	0	0	5	0	1	0	0
7:00	73	0	54	14	0	0	0	0	0	5	0	0	0	0
8:00	52	0	40	7	0	0	0	0	0	5	0	0	0	0
9:00	34	0	28	5	0	0	0	0	0	1	0	0	0	0
10:00	62	0	41	19	0	1	0	0	0	1	0	0	0	0
11:00	38	0	33	3	2	0	0	0	0	0	0	0	0	0
<hr/>														
Daily Totals	2,117	2	1,435	400	20	59	8	3	6	169	14	1	0	0
Percent of Total		0.1	67.8	18.9	0.9	2.8	0.4	0.1	0.3	8.0	0.7	0.0	0.0	0.0

# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11202  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	┌1┐	┌2┐	┌3┐	┌4┐	┌5┐	┌6┐	┌7┐	┌8┐	┌9┐	┌10┐	┌11┐	┌12┐	┌13┐
		Bikes	Cars & Tlrs	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
12:AM	17	0	16	1	0	0	0	0	0	0	0	0	0	0
1:00	14	0	10	3	0	1	0	0	0	0	0	0	0	0
2:00	12	0	8	3	0	0	0	0	0	1	0	0	0	0
3:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
4:00	5	0	2	2	0	0	0	0	0	1	0	0	0	0
5:00	24	0	13	8	0	1	0	0	0	1	1	0	0	0
6:00	55	0	34	16	0	2	0	0	0	3	0	0	0	0
7:00	54	0	39	9	1	1	1	0	0	2	1	0	0	0
8:00	72	0	48	13	1	1	0	0	0	6	3	0	0	0
9:00	110	0	88	15	0	2	0	0	1	3	1	0	0	0
10:00	116	1	84	23	0	0	1	0	0	7	0	0	0	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily	480	1	343	93	2	8	2	0	1	24	6	0	0	0
Totals														
Percent of Total		0.2	71.5	19.4	0.4	1.7	0.4	0.0	0.2	5.0	1.3	0.0	0.0	0.0

**Traffic Engineering Services, Inc.**

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

*SR 104  
 Speed  
 Southbound, Right Lane*

Site: 11201  
 Date: 11/20/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	117	0	1	0	1	2	6	11	18	38	25	11	3	1	51
5:00	218	0	0	0	0	0	1	15	40	70	62	28	2	0	53
6:00	207	0	0	0	0	0	3	9	39	80	52	19	3	2	53
7:00	143	0	0	0	0	1	3	10	18	65	38	7	1	0	52
8:00	96	0	0	0	0	0	1	5	9	42	24	13	2	0	54
9:00	75	0	0	0	1	0	1	1	15	30	15	8	4	0	53
10:00	99	0	0	0	0	1	0	2	14	45	25	11	1	0	53
11:00	73	0	0	0	0	0	2	4	13	28	21	4	1	0	52
Daily Totals	1.028	0	1	0	2	4	17	57	166	398	262	101	17	3	53
Percent of Total		0.0	0.1	0.0	0.2	0.4	1.7	5.5	16.1	38.7	25.5	9.8	1.7	0.3	

Percentile Speeds:	10%	15%	50%	85%	90%
	<u>45.7</u>	<u>47.2</u>	<u>53.4</u>	<u>59.4</u>	<u>60.9</u>

10 MPH Pace Speed: 50 - 60  
 Number in pace : 660  
 % in pace : 64.2

Speed Exceeded :	<u>45 MPH</u>	<u>55 MPH</u>	<u>65 MPH</u>
Percentage :	92.1	37.3	1.9
Totals :	947	383	20

# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11201  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	42	0	0	0	0	0	0	1	7	14	12	6	2	0	54
1:00	15	0	0	0	0	1	0	3	0	5	2	4	0	0	52
2:00	15	0	0	0	0	1	1	2	2	4	3	2	0	0	50
3:00	16	0	0	0	0	1	0	1	2	8	3	1	0	0	51
4:00	7	0	0	0	0	0	1	0	1	4	1	0	0	0	50
5:00	5	0	0	0	0	0	0	1	1	2	1	0	0	0	50
6:00	28	0	1	0	3	2	3	2	5	8	4	0	0	0	44
7:00	73	0	0	0	0	2	1	2	15	19	24	8	2	0	53
8:00	94	0	0	0	4	2	7	12	10	24	20	14	1	0	50
9:00	109	0	0	0	1	1	5	9	19	35	33	5	1	0	51
10:00	110	0	0	0	1	5	3	10	24	43	15	6	3	0	50
11:00	124	0	0	0	2	5	10	10	33	36	24	4	0	0	49
12:PM	130	0	0	1	1	0	2	10	35	43	28	8	2	0	51
1:00	168	0	0	0	0	4	3	28	44	56	27	6	0	0	49
2:00	137	0	0	0	1	2	4	17	36	46	19	11	1	0	50
3:00	195	0	0	0	0	3	6	17	40	70	49	10	0	0	51
4:00	224	0	0	0	0	2	5	21	57	96	34	7	2	0	50
5:00	224	0	0	0	0	2	3	14	42	99	40	24	0	0	52
6:00	204	0	0	0	0	0	6	24	38	98	27	10	1	0	51
7:00	139	0	0	0	0	0	5	15	41	54	14	10	0	0	50
8:00	117	0	0	0	1	3	2	12	31	47	19	2	0	0	50
9:00	92	0	0	0	0	0	1	9	24	44	9	4	1	0	51
10:00	71	0	0	0	0	1	7	10	14	25	12	2	0	0	49
11:00	89	0	0	0	0	1	1	9	29	32	13	4	0	0	50
Daily Totals	2,428	0	1	1	14	38	76	239	550	912	433	148	16	0	51
Percent of Total		0.0	0.0	0.0	0.6	1.6	3.1	9.8	22.7	37.6	17.8	6.1	0.7	0.0	

Percentile Speeds:	10%	15%	50%	85%	90%
	<u>42.4</u>	<u>44.9</u>	<u>51.6</u>	<u>57.7</u>	<u>59.1</u>

10 MPH Pace Speed: 45 - 55  
 Number in pace : 1,462  
 % in pace : 60.2

Speed Exceeded :	<u>45 MPH</u>	<u>55 MPH</u>	<u>65 MPH</u>
Percentage :	84.8	24.6	0.7
Totals :	2,059	597	16

# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11201  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	68	0	0	0	0	0	0	3	16	30	10	8	1	0	53
1:00	35	0	0	0	0	0	2	7	7	12	6	1	0	0	49
2:00	23	0	0	0	0	0	0	3	6	9	3	1	1	0	51
3:00	15	0	0	0	0	0	1	1	2	6	3	1	1	0	52
4:00	10	0	0	0	0	0	2	2	1	2	2	1	0	0	48
5:00	13	0	0	0	2	0	0	0	4	2	4	1	0	0	49
6:00	17	0	0	0	0	0	0	0	5	4	5	2	1	0	54
7:00	34	0	0	1	4	1	0	2	6	10	6	3	1	0	48
8:00	43	0	0	0	3	1	2	0	6	12	12	7	0	0	51
9:00	58	0	0	0	1	2	1	4	10	19	14	5	2	0	52
10:00	69	0	0	0	1	0	3	3	8	34	14	5	1	0	52
11:00	81	0	0	1	1	1	1	5	10	41	13	7	1	0	52
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily Totals	466	0	0	2	12	5	12	30	81	181	92	42	9	0	51
Percent of Total		0.0	0.0	0.4	2.6	1.1	2.6	6.4	17.4	38.8	19.7	9.0	1.9	0.0	

Percentile Speeds:                    10%                    15%                    50%                    85%                    90%

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42.7                    45.6                    52.5                    59.0                    60.6

10 MPH Pace Speed:                    50 - 60

Number in pace :                    273

% in pace :                    58.6

Speed Exceeded :                    45 MPH                    55 MPH                    65 MPH

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Percentage :                    86.9                    30.7                    1.9

Totals :                    405                    143                    9

**Traffic Engineering Services, Inc.**

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

*SR 104  
 Speed  
 South bound, Right Lane*

Site: 11201  
 Date: 11/20/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	61	0	0	0	0	0	1	5	9	13	19	12	2	0	54
5:00	98	0	0	0	0	0	1	5	3	18	36	25	6	4	58
6:00	94	0	0	0	0	0	0	4	6	28	33	16	7	0	56
7:00	53	0	0	0	0	0	4	4	4	15	13	11	2	0	54
8:00	44	0	0	0	0	0	2	0	3	10	14	12	3	0	56
9:00	39	0	0	0	0	0	1	1	9	13	9	6	0	0	53
10:00	51	0	0	0	0	0	1	4	6	16	15	7	1	1	54
11:00	28	0	0	0	0	0	1	0	3	9	8	6	0	1	56
Daily Totals	468	0	0	0	0	0	11	23	43	122	147	95	21	6	55
Percent of Total		0.0	0.0	0.0	0.0	0.0	2.4	4.9	9.2	26.1	31.4	20.3	4.5	1.3	

Percentile Speeds:	10%	15%	50%	85%	90%
	46.5	49.3	56.2	62.7	64.0

10 MPH Pace Speed:	50 - 60
Number in pace :	269
% in pace :	57.5

Speed Exceeded :	45 MPH	55 MPH	65 MPH
Percentage :	92.7	57.5	5.8
Totals :	434	269	27



# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11201  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	9	0	0	0	0	0	0	0	0	4	2	2	1	0	57
1:00	11	0	0	0	0	0	0	1	1	5	3	0	1	0	53
2:00	3	0	0	0	0	0	0	0	1	1	0	1	0	0	54
3:00	2	0	0	0	0	0	1	0	0	0	0	0	0	1	61
4:00	6	0	0	0	0	0	0	1	1	4	0	0	0	0	50
5:00	11	0	0	0	1	2	1	0	0	5	1	1	0	0	46
6:00	17	0	0	0	0	1	0	2	5	5	3	1	0	0	50
7:00	51	0	0	0	0	1	3	2	2	12	17	11	3	0	55
8:00	64	0	0	0	0	0	3	1	7	20	25	7	1	0	54
9:00	42	0	0	0	0	0	1	4	4	16	8	9	0	0	53
10:00	40	0	0	0	0	1	3	3	8	12	9	4	0	0	51
11:00	45	0	0	0	0	0	2	3	8	16	11	5	0	0	52
12:PM	53	0	0	0	0	0	1	4	7	11	21	8	1	0	54
1:00	76	0	0	0	0	0	1	9	5	34	20	6	1	0	53
2:00	69	0	0	0	0	2	1	5	7	28	16	7	3	0	53
3:00	76	0	0	0	0	0	1	8	7	33	18	8	1	0	53
4:00	106	0	0	0	0	0	3	4	10	31	34	21	3	0	55
5:00	82	0	0	0	0	0	0	0	6	31	31	11	3	0	55
6:00	90	0	0	0	0	2	1	5	14	34	21	10	3	0	53
7:00	51	0	0	0	0	0	1	2	9	24	10	4	1	0	52
8:00	52	0	0	0	0	1	1	3	3	20	15	5	2	2	55
9:00	40	0	0	0	1	0	0	2	7	22	4	4	0	0	52
10:00	42	0	0	0	0	0	3	5	10	16	7	1	0	0	50
11:00	40	0	0	0	0	2	0	3	6	11	14	3	1	0	52
Daily Totals	1,078	0	0	0	2	12	27	67	128	395	290	129	25	3	53
Percent of Total		0.0	0.0	0.0	0.2	1.1	2.5	6.2	11.9	36.6	26.9	12.0	2.3	0.3	

Percentile Speeds:

10%	15%	50%	85%	90%
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45.0	47.1	53.8	59.9	61.9

10 MPH Pace Speed: 50 - 60

Number in pace : 685

% in pace : 63.5

Speed Exceeded :

45 MPH	55 MPH	65 MPH
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Percentage : 90.0	41.5	2.6
Totals : 970	447	28

# Traffic Engineering Services, Inc.

Title1: SR 104 SB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11201  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	22	0	0	0	0	0	0	2	0	10	6	3	1	0	54
1:00	13	0	0	0	0	0	0	0	5	4	2	2	0	0	52
2:00	10	0	0	0	0	0	0	0	2	3	2	3	0	0	55
3:00	3	0	0	0	0	0	0	0	0	1	2	0	0	0	55
4:00	3	0	0	0	0	0	0	0	0	1	1	1	0	0	57
5:00	4	0	0	0	0	0	0	0	1	1	1	1	0	0	54
6:00	16	0	0	0	0	0	1	2	1	7	3	1	0	1	53
7:00	10	0	0	0	0	0	1	0	0	2	4	3	0	0	56
8:00	13	0	0	0	0	0	1	1	3	6	1	1	0	0	50
9:00	10	0	0	0	0	0	0	2	1	1	4	2	0	0	54
10:00	24	0	0	0	0	0	1	2	4	3	8	4	1	1	55
11:00	27	0	0	0	0	0	1	1	3	4	10	6	1	1	56
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily Totals	155	0	0	0	0	0	5	10	20	43	44	27	3	3	54
Percent of Total		0.0	0.0	0.0	0.0	0.0	3.2	6.5	12.9	27.7	28.4	17.4	1.9	1.9	

Percentile Speeds:	10%	15%	50%	85%	90%
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	45.3	47.3	55.0	61.9	63.3

10 MPH Pace Speed: 50 - 60  
 Number in pace : 87  
 % in pace : 56.1

Speed Exceeded :	45 MPH	55 MPH	65 MPH
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Percentage :	90.3	49.7	3.9
Totals :	140	77	6

**Traffic Engineering Services, Inc.**

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

*SR 104  
 Speed  
 Northbound, Right Lane*

Site: 11202  
 Date: 11/20/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	15	0	0	0	0	0	0	0	3	4	5	3	0	0	55
4:00	167	0	0	0	0	2	4	13	19	30	50	38	9	2	55
5:00	139	0	0	0	0	1	5	7	10	37	48	23	7	1	55
6:00	112	0	0	0	2	1	6	7	8	31	38	17	2	0	53
7:00	61	0	0	1	0	1	2	4	11	19	13	6	4	0	52
8:00	60	0	0	0	0	0	3	4	3	24	19	5	1	1	54
9:00	60	0	0	0	0	1	2	2	4	20	19	12	0	0	54
10:00	54	0	0	0	0	0	1	2	3	13	23	9	3	0	56
11:00	17	0	0	0	0	1	0	0	1	4	6	5	0	0	55
Daily Totals	685	0	0	1	2	7	23	39	62	182	221	118	26	4	54
Percent of Total		0.0	0.0	0.1	0.3	1.0	3.4	5.7	9.1	26.6	32.3	17.2	3.8	0.6	

Percentile Speeds:

10%	15%	50%	85%	90%
44.6	47.5	55.6	61.9	63.4

10 MPH Pace Speed: 50 - 60  
 Number in pace : 403  
 % in pace : 58.8

Speed Exceeded :

45 MPH	55 MPH	65 MPH
Percentage : 89.5	53.9	4.4
Totals : 613	369	30

# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11202  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	12	0	0	0	0	0	0	0	1	4	2	4	0	1	58
1:00	9	0	0	0	0	0	0	1	1	1	3	3	0	0	55
2:00	9	0	0	0	0	0	0	0	0	4	4	1	0	0	55
3:00	13	0	0	0	1	0	1	2	2	4	2	1	0	0	48
4:00	11	0	0	0	2	4	2	1	1	1	0	0	0	0	36
5:00	16	0	0	0	5	2	1	2	3	2	1	0	0	0	39
6:00	123	0	0	0	0	0	2	4	8	22	43	32	12	0	57
7:00	134	0	0	0	0	0	1	6	7	34	48	28	7	3	57
8:00	118	0	0	0	0	2	3	7	12	43	31	13	5	2	54
9:00	136	0	0	0	0	0	2	9	12	44	43	23	3	0	54
10:00	143	0	0	0	0	4	9	10	13	47	39	18	3	0	52
11:00	146	0	0	0	0	1	4	12	12	50	38	22	7	0	54
<hr/>															
12:PM	138	0	0	0	0	0	4	12	19	50	38	13	2	0	53
1:00	159	0	0	1	4	2	9	12	13	52	44	20	2	0	52
2:00	161	0	0	0	0	1	4	7	10	34	61	35	8	1	56
3:00	143	0	2	0	0	1	1	2	14	47	34	40	2	0	55
4:00	177	0	0	0	1	1	2	4	19	58	58	28	6	0	55
5:00	123	0	0	0	0	3	4	4	17	46	33	15	1	0	53
6:00	87	0	0	0	0	0	3	5	12	41	19	6	1	0	52
7:00	73	0	0	0	1	2	2	3	11	29	19	5	1	0	52
8:00	52	0	0	0	0	0	1	8	11	18	7	6	1	0	51
9:00	34	0	0	0	0	0	2	2	5	10	10	5	0	0	53
10:00	62	0	0	0	0	0	1	8	9	25	12	5	2	0	52
11:00	38	0	0	0	0	0	0	3	5	12	12	5	1	0	54
<hr/>															
Daily Totals	2,117	0	2	1	14	23	58	124	217	678	601	328	64	7	54
Percent of Total		0.0	0.1	0.0	0.7	1.1	2.7	5.9	10.3	32.0	28.4	15.5	3.0	0.3	

Percentile Speeds:	10%	15%	50%	85%	90%
	—————	—————	—————	—————	—————
	44.6	47.2	54.6	61.3	62.9

10 MPH Pace Speed: 50 - 60  
 Number in pace : 1,279  
 % in pace : 60.4

Speed Exceeded :	45 MPH	55 MPH	65 MPH
	—————	—————	—————
Percentage :	89.5	47.2	3.4
Totals :	1,895	1,000	71

# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd. Suite 204  
 Columbus, Ohio 43220  
 Direction: RT

Site: 11202  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	17	0	0	0	0	0	0	0	3	10	3	1	0	0	53
1:00	14	0	0	0	0	0	0	0	0	7	5	2	0	0	55
2:00	12	0	0	0	0	1	0	0	0	5	5	1	0	0	53
3:00	1	0	0	0	0	0	0	0	0	1	0	0	0	0	52
4:00	5	0	0	0	0	0	0	0	0	2	3	0	0	0	55
5:00	24	0	0	0	1	0	0	0	1	8	10	3	1	0	55
6:00	55	0	0	0	0	1	0	2	6	16	19	9	2	0	55
7:00	54	0	0	0	0	0	0	0	5	22	18	6	2	1	55
8:00	72	0	0	0	0	0	0	4	6	22	27	13	0	0	55
9:00	110	0	0	0	0	0	0	2	14	34	35	22	2	1	55
10:00	116	0	1	0	0	0	2	3	8	34	44	19	5	0	55
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily Totals	480	0	1	0	1	2	2	11	43	161	169	76	12	2	55
Percent of Total		0.0	0.2	0.0	0.2	0.4	0.4	2.3	9.0	33.5	35.2	15.8	2.5	0.4	

Percentile Speeds:	10%	15%	50%	85%	90%
	-----	-----	-----	-----	-----
	48.7	50.4	55.6	61.3	62.8

10 MPH Pace Speed: 50 - 60  
 Number in pace : 330  
 % in pace : 68.8

Speed Exceeded :	45 MPH	55 MPH	65 MPH
	-----	-----	-----
Percentage :	96.5	54.0	2.9
Totals :	463	259	14

**Traffic Engineering Services, Inc.**

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

*SR 104  
 speed  
 Northbound, Left Lane*

Site: 11202  
 Date: 11/20/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	13	0	0	0	0	1	0	0	2	2	8	0	0	0	53
4:00	93	0	0	0	0	0	0	0	2	16	30	33	10	2	59
5:00	70	0	0	0	0	0	0	0	1	14	20	29	5	1	59
6:00	62	0	0	0	0	0	0	3	2	13	22	17	5	0	57
7:00	48	0	0	0	0	0	0	1	5	19	15	8	0	0	54
8:00	26	0	0	0	0	0	0	0	3	7	8	7	1	0	56
9:00	11	0	0	0	0	0	0	0	0	1	6	4	0	0	58
10:00	20	0	0	0	0	0	0	0	0	9	4	6	1	0	57
11:00	6	0	0	0	0	0	0	1	0	2	0	3	0	0	55
Daily Totals	349	0	0	0	0	1	0	5	15	83	113	107	22	3	57
Percent of Total		0.0	0.0	0.0	0.0	0.3	0.0	1.4	4.3	23.8	32.4	30.7	6.3	0.9	

Percentile Speeds:	10%	15%	50%	85%	90%
	<u>50.8</u>	<u>51.9</u>	<u>58.1</u>	<u>63.7</u>	<u>64.6</u>

10 MPH Pace Speed: 55 - 65  
 Number in pace : 220  
 % in pace : 63.0

Speed Exceeded :	<u>45 MPH</u>	<u>55 MPH</u>	<u>65 MPH</u>
Percentage :	98.3	70.2	7.2
Totals :	343	245	25



# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11202  
 Date: 11/21/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	10	0	0	0	0	0	0	0	1	4	3	2	0	0	55
1:00	2	0	0	0	0	0	0	0	0	0	1	0	1	0	62
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	6	0	0	0	0	0	0	1	1	2	1	1	0	0	52
4:00	8	0	0	0	0	0	2	2	2	1	1	0	0	0	45
5:00	43	0	0	0	0	0	1	2	13	17	8	1	1	0	51
6:00	83	0	0	0	0	0	0	3	12	23	27	12	5	1	55
7:00	98	0	0	0	0	0	0	1	3	13	29	32	18	2	60
8:00	129	0	0	0	1	1	1	3	19	49	34	13	7	1	54
9:00	51	0	0	0	0	0	0	1	2	12	17	14	2	3	59
10:00	78	0	0	0	0	0	0	2	6	27	25	15	2	1	56
11:00	67	0	0	0	0	0	0	1	5	10	26	19	6	0	58
12:PM	63	0	0	2	0	0	0	2	6	16	20	12	5	0	55
1:00	71	0	0	0	0	1	0	2	4	14	27	18	5	0	57
2:00	83	0	0	0	0	0	0	1	0	19	18	37	7	1	59
3:00	75	0	0	0	0	0	0	1	5	21	26	21	1	0	56
4:00	84	0	0	0	0	0	0	0	5	24	28	23	3	1	57
5:00	74	0	0	0	0	0	0	1	3	31	26	11	2	0	55
6:00	38	0	0	0	0	0	0	3	1	22	7	5	0	0	53
7:00	42	0	0	0	0	0	0	0	4	15	13	6	4	0	56
8:00	23	0	0	0	0	0	0	0	2	4	9	7	1	0	57
9:00	28	0	0	0	0	0	0	2	4	8	12	2	0	0	53
10:00	31	0	0	0	0	0	0	3	2	9	9	8	0	0	55
11:00	15	0	0	0	0	0	0	0	2	5	4	3	0	1	57
Daily Totals	1,202	0	0	2	1	2	4	31	102	346	371	262	70	11	56
Percent of Total		0.0	0.0	0.2	0.1	0.2	0.3	2.6	8.5	28.8	30.9	21.8	5.8	0.9	

Percentile Speeds:	10%	15%	50%	85%	90%
	49.0	50.6	56.5	63.1	64.3

10 MPH Pace Speed: 50 - 60  
 Number in pace : 717  
 % in pace : 59.7

Speed Exceeded :	45 MPH	55 MPH	65 MPH
Percentage :	96.7	59.4	6.7
Totals :	1,162	714	81

# Traffic Engineering Services, Inc.

Title1: SR 104 NB  
 Title2: At Mead Paper Plant  
 Title3: Chillicothe, Ohi

3011 Bethel Rd, Suite 204  
 Columbus, Ohio 43220  
 Direction: LT

Site: 11202  
 Date: 11/22/97  
 File: [none]

Begin Time	Total	1-14 MPH	15-19 MPH	20-24 MPH	25-29 MPH	30-34 MPH	35-39 MPH	40-44 MPH	45-49 MPH	50-54 MPH	55-59 MPH	60-64 MPH	65-69 MPH	70-99 MPH	Avg
12:AM	8	0	0	0	0	0	0	0	2	3	2	1	0	0	53
1:00	4	0	0	0	0	0	1	0	0	1	1	1	0	0	52
2:00	1	0	0	0	0	0	0	0	0	0	1	0	0	0	57
3:00	5	0	0	0	0	0	0	0	0	3	0	1	1	0	57
4:00	9	0	0	0	0	0	0	0	4	3	2	0	0	0	51
5:00	13	0	0	0	0	0	0	1	2	6	4	0	0	0	52
6:00	28	0	0	0	0	0	0	0	6	11	7	3	0	1	54
7:00	30	0	0	0	0	0	0	0	4	10	5	9	2	0	56
8:00	40	0	0	0	0	0	0	1	0	7	15	11	6	0	59
9:00	35	0	0	0	0	0	0	0	2	11	9	12	0	1	57
10:00	46	0	0	0	0	0	0	0	3	14	11	14	3	1	58
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Daily Totals	219	0	0	0	0	0	1	2	23	69	57	52	12	3	56
Percent of Total		0.0	0.0	0.0	0.0	0.0	0.5	0.9	10.5	31.5	26.0	23.7	5.5	1.4	

Percentile Speeds:	10%	15%	50%	85%	90%
	-----	-----	-----	-----	-----
	49.1	50.5	56.3	63.4	64.4

10 MPH Pace Speed: 50 - 60  
 Number in pace : 126  
 % in pace : 57.5

Speed Exceeded :	45 MPH	55 MPH	65 MPH
	-----	-----	-----
Percentage :	98.6	56.6	6.8
Totals :	216	124	15

To: John Hagen@Administration@D-09  
Cc: Richard Chaffin@Planning@D-09,Larry Hill@Planning@D-09,Vaughn Wi  
9  
Bcc:  
From: Darrel Armstrong@Highway@D-09  
Subject: fwd: State Funding of Traffic Signal @ Private Driveways  
Date: Monday, March 30, 1998 14:35:04 EST  
Attach:  
Certify: Y  
Priority: Normal  
Defer until:  
Expires:  
Forwarded by: Darrel Armstrong@Highway@D-09

-----  
Comments By: Darrel Armstrong@Highway@D-09  
Originally To: Darrel Armstrong@Highway@D-09  
Originally From: Don Snyder@TrafficEng@EngPolicy  
Original Date: 3/30/98 10:23 AM  
Comments:

John,

As I spoke to you earlier today. I believe this is concerning  
a request from Mead Corp.

Darrel

-----[Original Message]-----

Darryl,  
Richard Chaffin of your district ask me to find out if there's a section of  
the Ohio Revised Code (ORC) that prevents the state from installing and  
maintaining a traffic signal at a private driveway. I ask Lisa Conomy, of  
our Chief Legal Counsel's Office to investigate the ORC with regard to this  
question. The answer I received was that there is no place in the ORC that  
prevents the department from installing and maintaining traffic at private  
driveways. We have always ask the developers to pay for the installation and  
pay an annual maintenance fee to the state. However, it seem that we have no  
legal right to require this of the developers. If they want state  
participation to install the signal however must wait until the contract  
can be sold through contact sales. Most developer are unwilling to wait the  
time this takes.

I hope this answers your question. If you have any other questions, please  
let me know.

Donald Snyder, Transportation Tech. III  
1980 W. Broad St.  
Columbus, OH 43223  
Phone: (614) 466-4263, FAX: (614) 644-8199, Email: dsnyder@odot.dot.ohio.gov



# ROUTE SLIP

Date

4-16-98TO *Larry Hill*FROM *VEW*SUBJECT *Status?*

PURPOSE	<input type="checkbox"/> Circulate To	Initial	Date
<input type="checkbox"/> Action _____			
<input type="checkbox"/> Approval			
<input type="checkbox"/> As Requested			
<input type="checkbox"/> Comment			
<input type="checkbox"/> Information			
<input type="checkbox"/> File _____			
<input type="checkbox"/> For Follow up on _____			
<input type="checkbox"/> Reply <input type="checkbox"/> Direct <input type="checkbox"/> From Me			
<input type="checkbox"/> Return to			
<input type="checkbox"/> See me			
<input type="checkbox"/> Signature			
<input type="checkbox"/> Other - See Remarks			

REMARKS

OVER



To: John Hagen@Administration@D-09  
Cc: Richard Chaffin@Planning@D-09  
Larry Hill@Planning@D-09  
Vaughn Wilson@Highway@D-09  
Bcc:  
From: Darrel Armstrong@Highway@D-09  
Subject: fwd: State Funding of Traffic Signal @ Private Driveways  
Date: Monday, March 30, 1998 at 2:35:04 pm EST  
Attach:  
Certify: Y  
Forwarded By: Darrel Armstrong@Highway@D-09

---

Comments By: Darrel Armstrong@Highway@D-09  
Originally To: Darrel Armstrong@Highway@D-09  
Originally From: Don Snyder@TrafficEng@EngPolicy  
Original Date: 3/30/98 10:23 AM  
Comments:

John,

As I spoke to you earlier today. I believe this is concerning a request from Mead Corp.

Darrel

-----[Original Message]-----

Darryl,  
Richard Chaffin of your district ask me to find out if there's a section of the Ohio Revised Code (ORC) that prevents the state from installing and maintaining a traffic signal at a private driveway. I ask Lisa Conomy, of our Chief Legal Counsel's Office to investigate the ORC with regard to this question. The answer I received was that there is no place in the ORC that prevents the department from installing and maintaining traffic at private driveways. We have always ask the developers to pay for the installation and pay an annual maintenance fee to the state. However, it seem that we have no legal right to require this of the developers. If they want state participation to install the signal however must must wait until the contract can be sold through contact sales. Most developer are unwilling to wait the time this takes.

I hope this answers your question. If you have any other questions, please let me know.

Donald Snyder, Transportation Tech. III  
1980 W. Broad St.  
Columbus, OH 43223  
Phone: (614) 466-4263, FAX: (614) 644-8199, Email: dsnyder@odot.dot.ohio.gov

*E-mail file Darrel*



To: Richard Chaffin@Planning@D-09  
Cc:  
Bcc:  
From: June Wayland@Planning@D-09  
Subject: Message  
Date: Monday, March 30, 1998 12:40:38 EST  
Attach:  
Certify: Y  
Priority: Normal  
Defer until:  
Expires:  
Forwarded by:

---

Richard,

Tom Brooks called from Mead Paper. He said he needs some answers concerning lights that they want to put up. He said he called last week concerning this also.

Please call ASAP @ 614-772-3342.

Thanks,

June

CONFIDENTIAL

SECRET

CONFIDENTIAL

CONFIDENTIAL

64-728-0162