



CITY OF LAWRENCE

TRAFFIC ENGINEERING DIVISION

SCHOOL CROSSING STUDY



Location: **27th Street @ Sunflower Elementary**

Adequate Gap = 30 ft. wide/3.5 + 3 = 12 sec

Time Period	Date / Weather						Average Gaps Per Minute	Average No. of Elementary Students
	29-Sep-05 sunny, 43°		4-Oct-05 sunny, 72°		10-Oct-05 sunny, 46°			
	Gaps / Students							
8:00-8:05	8	1	6	0	8	2	1.47	1.00
8:05-8:10	10	5	8	1	9	1	1.80	2.33
8:10-8:15	9	1	8	5	9	0	1.73	2.00
8:15-8:20	10	6	7	1	8	1	1.67	2.67
8:20-8:25	6	0	6	3	8	3	1.33	2.00
8:25-8:30	9	0	11	2	5	12	1.67	4.67
8:30-8:35	9	13	4	12	7	1	1.33	8.67
8:35-8:40	8	5	9	5	5	5	1.47	5.00
8:40-8:45	8	0	10	3	9	0	1.80	1.00

Adult Guard Warrant: If the average number of students exceeds 40 and the available safe gaps in the traffic is 1.0-1.5 per minute; or if the average number of students is 10 or greater and the available safe gaps in traffic is less than 1.0 per minute.

School Beacon Warrant: If the average number of students exceeds 40 and the available safe gaps in the traffic is greater than 1.5 per minute; or if the average number of students is 10 or greater and the available safe gaps in traffic is 1.0-1.5 per minute.



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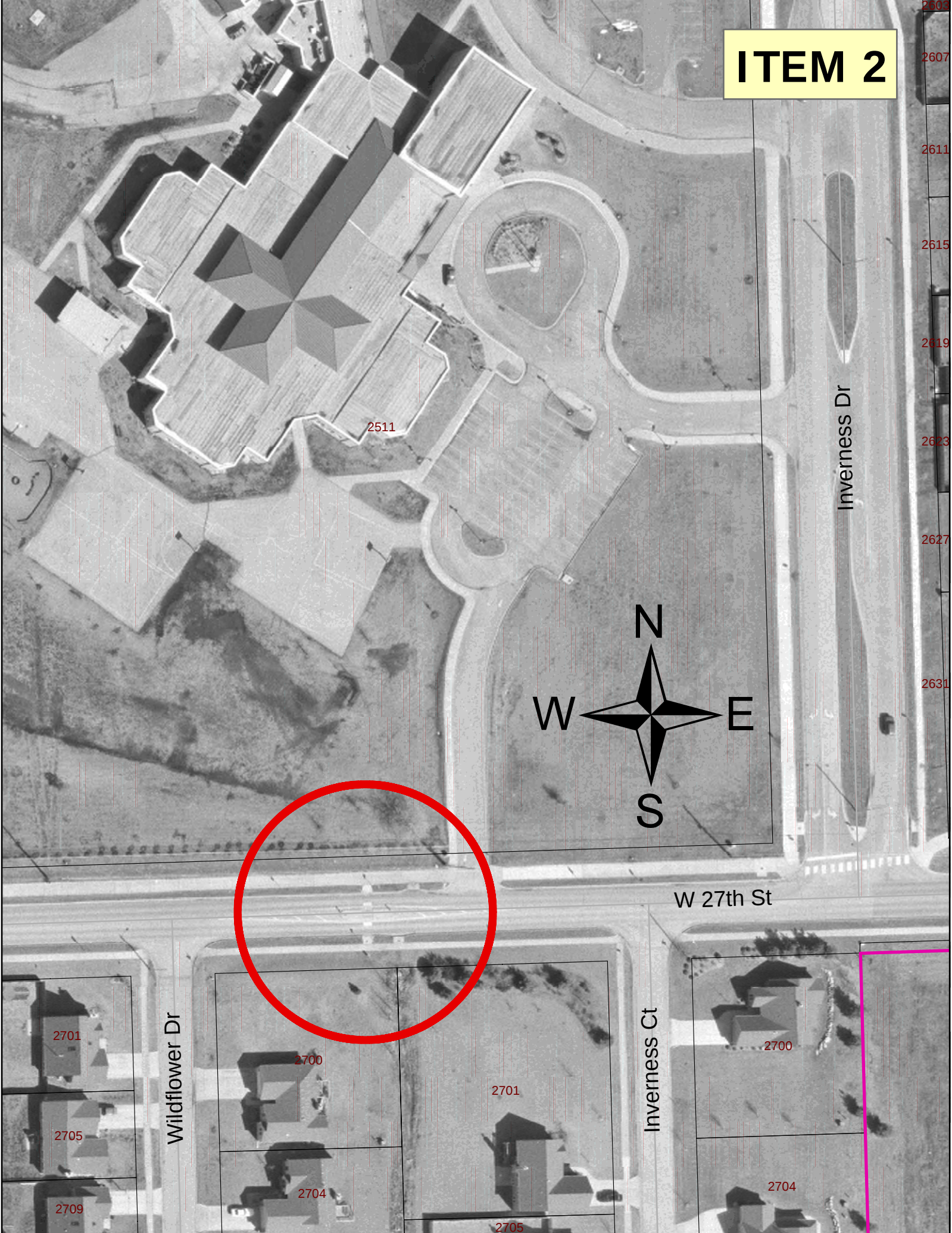
Adequate Gap = 30 ft. wide/3.5 + 3 = 12 sec

Time Period	Date / Weather						Average Gaps Per Minute	Average No. of Elementary Students
	26-Sep-05 sunny, 75°		3-Oct-05 partly cloudy, 84°		17-Oct-05 sunny, 79°			
	Gaps / Students							
3:45-3:50	4	11	4	10	5	26	0.87	15.67
3:50-3:55	4	13	7	12	8	1	1.27	8.67
3:55-4:00	6	4	8	0	9	0	1.53	1.33
4:00-4:05	7	0	9	0	5	0	1.40	0.00
4:05-4:10	8	0	5	4	11	0	1.60	1.33
4:10-4:15	9	0	8	1	7	0	1.60	0.33

Adult Guard Warrant: If the average number of students exceeds 40 and the available safe gaps in the traffic is 1.0-1.5 per minute; or if the average number of students is 10 or greater and the available safe gaps in traffic is less than 1.0 per minute.

School Beacon Warrant: If the average number of students exceeds 40 and the available safe gaps in the traffic is greater than 1.5 per minute; or if the average number of students is 10 or greater and the available safe gaps in traffic is 1.0-1.5 per minute.

ITEM 2



2511



Inverness Dr

W 27th St

Wildflower Dr

Inverness Ct

2701

2705

2709

2700

2704

2701

2705

2700

2704

2607
2611
2615
2619
2623
2627
2631

From: Sean Smith [mailto:seanj@ku.edu]
Sent: Tuesday, September 13, 2005 4:04 PM
To: David Woosley; The Davies Five
Subject: Re: School Crossing Control Policy

Thanks for the quick reply,

Yes, please proceed in observing crossing activity on West 27th street south of Sunflower Elementary School at the crossing west of Inverness Court and east of Wildflower Drive.

Sean J. Smith, PhD
Department of Special Education
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Lawrence, KS 66045

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