

ENROLLED ORDINANCE 169-82

MODIFY SPEED ZONES ON COUNTY TRUNK HIGHWAY KF
AND COUNTY TRUNK HIGHWAY JK

WHEREAS, Wisconsin Statutes permit local authorities to establish speed zones within certain guidelines, and

WHEREAS, the Waukesha County Department of Public Works finds it appropriate, in response to public inquiries and a review of vehicle speeds along this segment of highway, to reduce the speed limit from 55 mph to 45 mph in both directions of County Trunk Highway KF (Ryan Road) between its intersection with County Trunk Highway K (Lisbon Road) in the Town of Lisbon and its intersection with Lindsay Road in the City of Pewaukee, and

WHEREAS, the Waukesha County Department of Public Works also finds it appropriate, in response to public inquiries and a review of vehicle speeds along this segment of highway, to reduce the speed limit from 55 mph to 45 mph in both directions of County Trunk Highway JK (Lynndale Road) between a point 1800' west of its intersection with County Trunk Highway KF (Ryan Road) and its intersection with County Trunk Highway K (Lisbon Road) in the Town of Lisbon.

THE COUNTY BOARD OF SUPERVISORS OF THE COUNTY OF WAUKESHA ORDAINS that the speed zone on County Trunk Highway KF (Ryan Road) in the Town of Lisbon and the City of Pewaukee is modified to be forty-five (45) miles per hour along both directions between its intersection with County Trunk Highway K (Lisbon Road) and its intersection with Lindsay Road.

BE IT FURTHER ORDAINED that the speed zone on County Trunk Highway JK (Lynndale Road) in the Town of Lisbon is modified to be forty-five (45) miles per hour along both directions between a point of 1800' west of its intersection with County Trunk Highway KF (Ryan Road) and its intersection with County Trunk Highway K (Lisbon Road).

MODIFY SPEED ZONES ON COUNTY TRUNK HIGHWAY KF
AND COUNTY TRUNK HIGHWAY JK

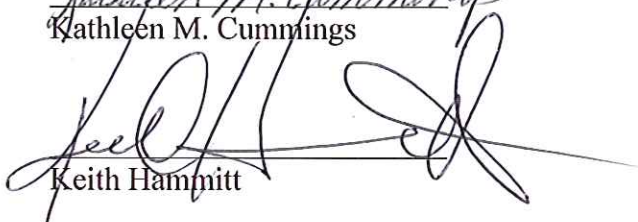
Presented by:
Public Works Committee



David W. Swan, Chair



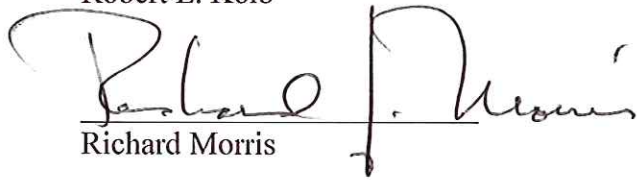
Kathleen M. Cummings



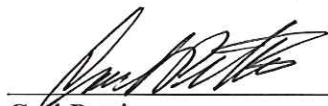
Keith Hammitt

Absent

Robert L. Kolb



Richard Morris

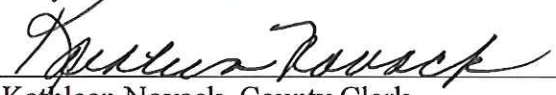


Carl Pettis

Absent

Steve Whittow


The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, was presented to the County Executive on:

Date: _____, 
Kathleen Novack, County Clerk

The foregoing legislation adopted by the County Board of Supervisors of Waukesha County, Wisconsin, is hereby:

Approved: _____

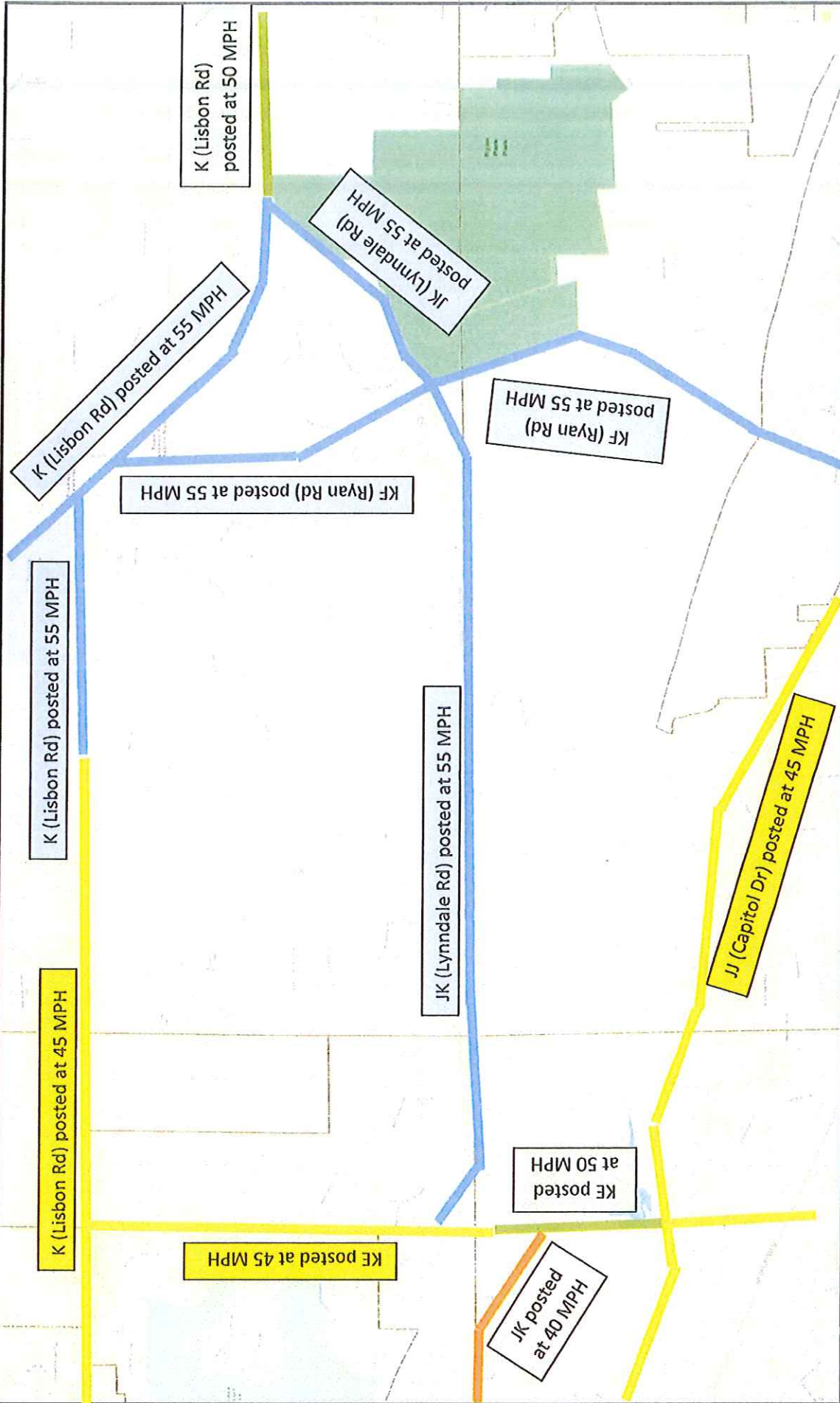
Vetoed: _____

Date: 12/16/14, 
Daniel P. Vrakas, County Executive

12-22-14

Exhibit A Existing Speed Limits

LAND INFORMATION SYSTEMS DIVISION



The information and depictions herein are for informational purposes and Waukesha County specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means. Waukesha County will not be responsible for any damages which result from third party use of the information and depictions herein, or for use which ignores this warning.

Notes:

0 1,833.33feet

Printed: 11/4/2014

Exhibit B

Table 1
Speed Limits and Authority to Change

Fixed Limits – Statute 346.57(4) ^(a)	Local Government Authority ^(b) – Statute 349.11(3) and (7) ^(a)
65 mph – Freeway / Expressway	WisDOT only.
55 mph – State Trunk Highways (STHs)	WisDOT only.
55 mph – County Trunk Highways (CTHs), town roads	Lower the speed limit by 10 MPH or less.
45 mph – Rustic roads	Lower the speed limit by 15 MPH or less.
35 mph – Town road (1,000' min) with 150' driveway spacing	Lower the speed limit by 10 MPH or less.
25 mph – Inside corporate limits of a city or village (other than outlying district)	Raise the speed limit to 55 mph or less. Lower the speed limit by 10 mph or less.
35 mph – Outlying district ^(c) within city or village limits	Raise the speed limit to 55 mph or less. Lower the speed limit by 10 mph or less.
35 mph – Semi-urban district ^(d) outside corporate limits of a city or village	Raise the speed limit to 55 mph or less. Lower the speed limit by 10 mph or less.
15 mph – School zone, when conditions are met	Raise the speed limit to that of the roadway. Lower the speed limit by 10 MPH or less.
15 mph – School crossing, when conditions are met	Raise the speed limit to that of the adjacent street. Lower the speed limit by 10 MPH or less.
15 mph – Pedestrian safety zone with public transit vehicle stopped	No changes permitted.
15 mph – Alley	Lower by 10 MPH or less.
15 mph – Street or town road adjacent to a public park	Lower by 10 MPH or less.
Construction or maintenance zones, as appropriate ^(e)	State and local agencies have authority to establish.

Notes:

- (a) Source: Updated 2007-2008 Wisconsin Statutes Database
- ✓ (b) All speed limit changes shall be based on a traffic engineering study, including modifications allowed under State Statute. Local governments can implement speed limit changes on the local road system without WisDOT approval when proposals are within the constraints identified above.
- ✓ (c) Per Statute 346.57(1)(ar) "outlying district" is an area contiguous to any highway within the corporate limits of a city or village where on each side of the highway within any 1,000 feet buildings are spaced on average more than 200 feet apart.
- (d) Per Statute 346.57(1)(b) "semiurban district" is an area contiguous to any highway where on either or both sides of the highway within any 1,000 feet buildings are spaced on average less than 200 feet apart.
- (e) Guidance on establishing speed limits in work zones is available in https://trust.dot.state.wi.us/extntgtvwy/dtid_bho/extranet/manuals/tgm/13/13-05-06.pdf.

Modified from original found in WisDOT Traffic Guidelines Manual, Chapter 13-5-1, Figure 1, June 2009.



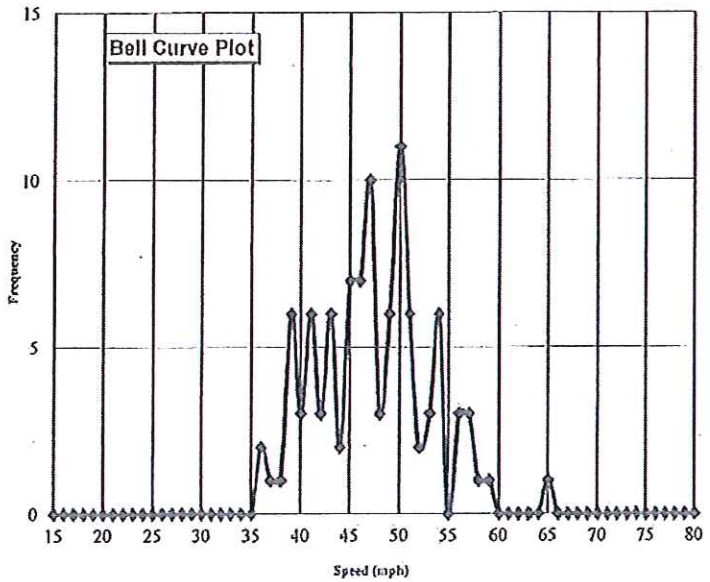
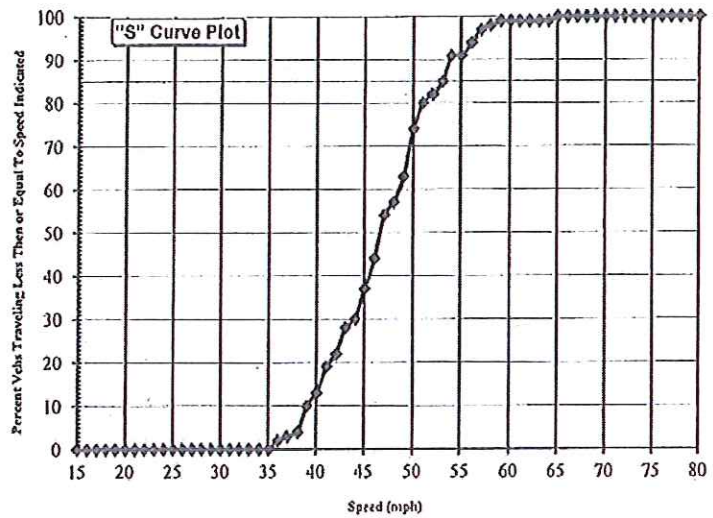
Date:	10/25/13	Hwy:	CTH KF	Direction:	NB/SB	SUMMARY OF VEHICLES BY TYPE:	
Time:	10:00 AM	Location:	North of CTH JK	Posted Speed:	55 MPH	Passenger =	100.0%
Observer(s):	RW		600	Weather:	3s, Partly Cloudy	Trucks =	0.0%
		County:	Waukesha	Pav't Condition:	Dry	Buses =	0.0%

SPEED RANGE	No. VEHICLES (0)	Speed #	CUMM No. VEHICLES	CUMM %
15	0	0	0	0.0
16	0	0	0	0.0
17	0	0	0	0.0
18	0	0	0	0.0
19	0	0	0	0.0
20	0	0	0	0.0
21	0	0	0	0.0
22	0	0	0	0.0
23	0	0	0	0.0
24	0	0	0	0.0
25	0	0	0	0.0
26	0	0	0	0.0
27	0	0	0	0.0
28	0	0	0	0.0
29	0	0	0	0.0
30	0	0	0	0.0
31	0	0	0	0.0
32	0	0	0	0.0
33	0	0	0	0.0
34	0	0	0	0.0
35	0	0	0	0.0
36	2	72	2	2.0
37	1	37	3	3.0
38	1	38	4	4.0
39	6	234	10	10.0
40	3	120	13	13.0
41	6	246	19	19.0
42	3	126	22	22.0
43	6	258	28	28.0
44	2	88	30	30.0
45	7	315	37	37.0
46	7	322	44	44.0
47	10	470	54	54.0
48	3	144	57	57.0
49	6	294	63	63.0
50	11	550	74	74.0
51	6	306	80	80.0
52	2	104	82	82.0
53	3	159	85	85.0
54	6	324	91	91.0
55	0	0	91	91.0
56	3	168	94	94.0
57	3	171	97	97.0
58	1	58	98	98.0
59	1	59	99	99.0
60	0	0	99	99.0
61	0	0	99	99.0
62	0	0	99	99.0
63	0	0	99	99.0
64	0	0	99	99.0
65	1	65	100	100.0
66	0	0	100	100.0
67	0	0	100	100.0
68	0	0	100	100.0
69	0	0	100	100.0
70	0	0	100	100.0
71	0	0	100	100.0
72	0	0	100	100.0
73	0	0	100	100.0
74	0	0	100	100.0
75	0	0	100	100.0
76	0	0	100	100.0
77	0	0	100	100.0
78	0	0	100	100.0
79	0	0	100	100.0
80	0	0	100	100.0

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
47.3	46.6	53.0	41.0 to 50.0

% In Pace = 61.0%
 % Over Pace = 26.0%
 % Under Pace = 13.0%



N:\DW\Spot of Traffic Speed_10/25/13 Speed 100 Study CTH JK & CTH KF - West & East Approaches Data from LU Speed Data.ct



Exhibit D-2

WISCONSIN DEPARTMENT OF TRANSPORTATION

SPOT-SPEED FIELD STUDY

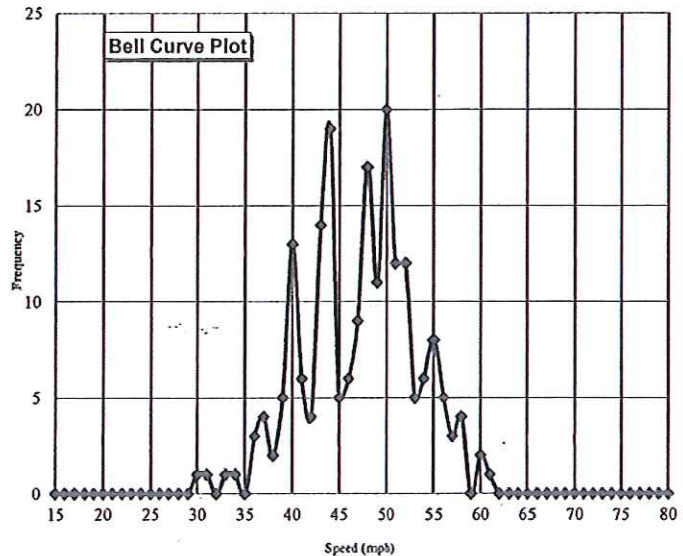
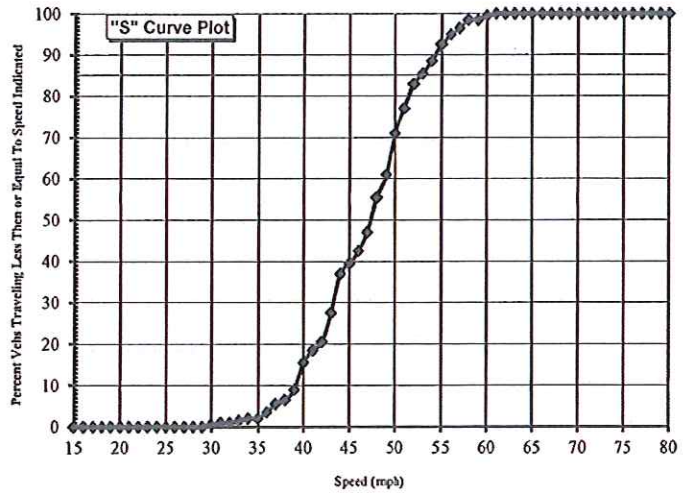
Date:	07/24/14	Hwy:	CTH KF	Direction:	NB/SB	SUMMARY OF VEHICLES BY TYPE:	
Time:	9:30 AM	Location:	S. of CTH JK	Posted Speed:	55 MPH		Passenger = 100.0%
Observer(s):	JS/RW	County:	Waukesha	Weather:	75, Sunny		Trucks = 0.0%
				Pav't Condition:	Dry		Buses = 0.0%

SPEED RANGE	No. VEHICLES (0)	Speed * #	CUMM No. VEHICLES	CUMM %
15	0	0	0	0.0
16	0	0	0	0.0
17	0	0	0	0.0
18	0	0	0	0.0
19	0	0	0	0.0
20	0	0	0	0.0
21	0	0	0	0.0
22	0	0	0	0.0
23	0	0	0	0.0
24	0	0	0	0.0
25	0	0	0	0.0
26	0	0	0	0.0
27	0	0	0	0.0
28	0	0	0	0.0
29	0	0	0	0.0
30	1	30	1	0.5
31	1	31	2	1.0
32	0	0	2	1.0
33	1	33	3	1.5
34	1	34	4	2.0
35	0	0	4	2.0
36	3	108	7	3.5
37	4	148	11	5.5
38	2	76	13	6.5
39	5	195	18	9.0
40	13	520	31	15.5
41	6	246	37	18.5
42	4	168	41	20.5
43	14	602	55	27.5
44	19	836	74	37.0
45	5	225	79	39.5
46	6	276	85	42.5
47	9	423	94	47.0
48	17	816	111	55.5
49	11	539	122	61.0
50	20	1000	142	71.0
51	12	612	154	77.0
52	12	624	166	83.0
53	5	265	171	85.5
54	6	324	177	88.5
55	8	440	185	92.5
56	5	280	190	95.0
57	3	171	193	96.5
58	4	232	197	98.5
59	0	0	197	98.5
60	2	120	199	99.5
61	1	61	200	100.0
62	0	0	200	100.0
63	0	0	200	100.0
64	0	0	200	100.0
65	0	0	200	100.0
66	0	0	200	100.0
67	0	0	200	100.0
68	0	0	200	100.0
69	0	0	200	100.0
70	0	0	200	100.0
71	0	0	200	100.0
72	0	0	200	100.0
73	0	0	200	100.0
74	0	0	200	100.0
75	0	0	200	100.0
76	0	0	200	100.0
77	0	0	200	100.0
78	0	0	200	100.0
79	0	0	200	100.0
80	0	0	200	100.0
	200			

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
47.2	47.4	52.8	43.0 to 52.0

% In Pace = 62.5%
 % Over Pace = 17.0%
 % Under Pace = 20.5%



N:\DPW\Engines\Traffic Speed_Limit\2014 Speed Limit Studies\CTH KF - S of CTH JK (Data Process LTI Speed Cam Data)\RES\US ST000A



SPOT-SPEED FIELD STUDY

Date:	08/04/14	Hwy:	JK
Time:	9:30 AM	Location:	W. of CTH KF
Observer(s):	JS/KK	County:	Waukesha

Direction:	EBAWB
Posted Speed:	55 MPH
Weather:	Cloudy
Pav't Condition:	Dry

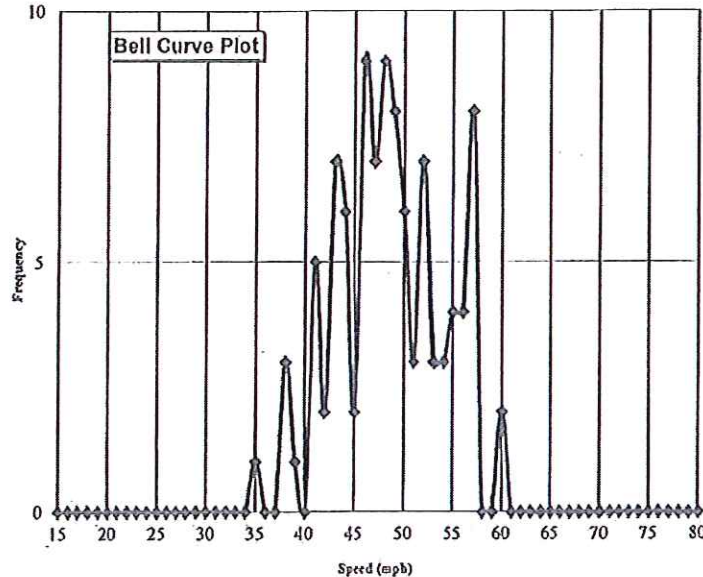
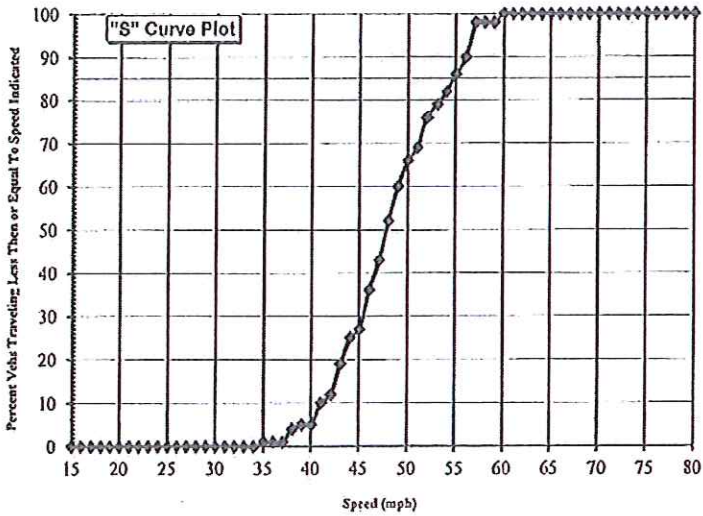
SUMMARY OF VEHICLES BY TYPE:	
Passenger =	100.0%
Trucks =	0.0%
Buses =	0.0%

SPEED RANGE	No. VEHICLES (I)	Speed * H	CUMM No. VEHICLES	CUMM %
15	0	0	0	0.0
16	0	0	0	0.0
17	0	0	0	0.0
18	0	0	0	0.0
19	0	0	0	0.0
20	0	0	0	0.0
21	0	0	0	0.0
22	0	0	0	0.0
23	0	0	0	0.0
24	0	0	0	0.0
25	0	0	0	0.0
26	0	0	0	0.0
27	0	0	0	0.0
28	0	0	0	0.0
29	0	0	0	0.0
30	0	0	0	0.0
31	0	0	0	0.0
32	0	0	0	0.0
33	0	0	0	0.0
34	0	0	0	0.0
35	1	35	1	1.0
36	0	0	1	1.0
37	0	0	1	1.0
38	3	114	4	4.0
39	1	39	5	5.0
40	0	0	5	5.0
41	5	205	10	10.0
42	2	84	12	12.0
43	7	301	19	19.0
44	6	264	25	25.0
45	2	90	27	27.0
46	9	414	36	36.0
47	7	329	43	43.0
48	9	432	52	52.0
49	8	392	60	60.0
50	6	300	66	66.0
51	3	153	69	69.0
52	7	364	76	76.0
53	3	159	79	79.0
54	3	162	82	82.0
55	4	220	86	86.0
56	4	224	90	90.0
57	8	456	98	98.0
58	0	0	98	98.0
59	0	0	98	98.0
60	2	120	100	100.0
61	0	0	100	100.0
62	0	0	100	100.0
63	0	0	100	100.0
64	0	0	100	100.0
65	0	0	100	100.0
66	0	0	100	100.0
67	0	0	100	100.0
68	0	0	100	100.0
69	0	0	100	100.0
70	0	0	100	100.0
71	0	0	100	100.0
72	0	0	100	100.0
73	0	0	100	100.0
74	0	0	100	100.0
75	0	0	100	100.0
76	0	0	100	100.0
77	0	0	100	100.0
78	0	0	100	100.0
79	0	0	100	100.0
80	0	0	100	100.0

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
48.6	47.8	54.8	43.0 to 52.0

% In Pace = 64.0%
 % Over Pace = 24.0%
 % Under Pace = 12.0%



N:\EPN\Export\080814\080814 Spot Speed W of CTH KF (W) (100) LT1 Spot Data W of CTH KF 8/2/14



Exhibit D-4

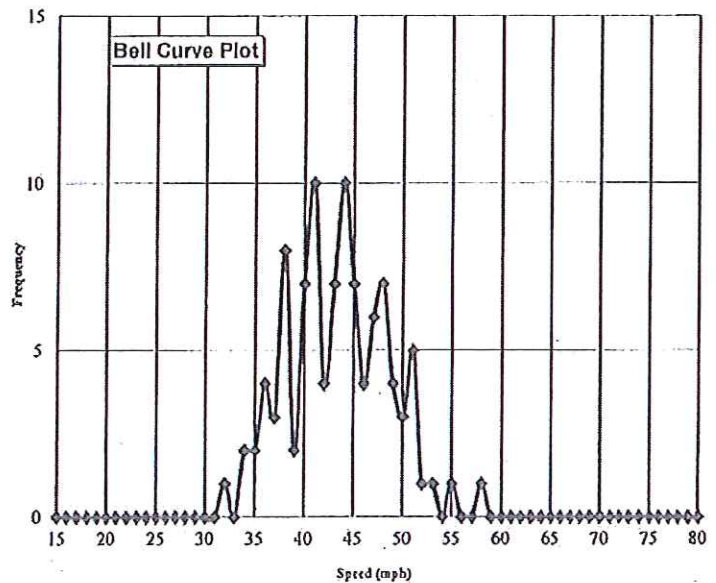
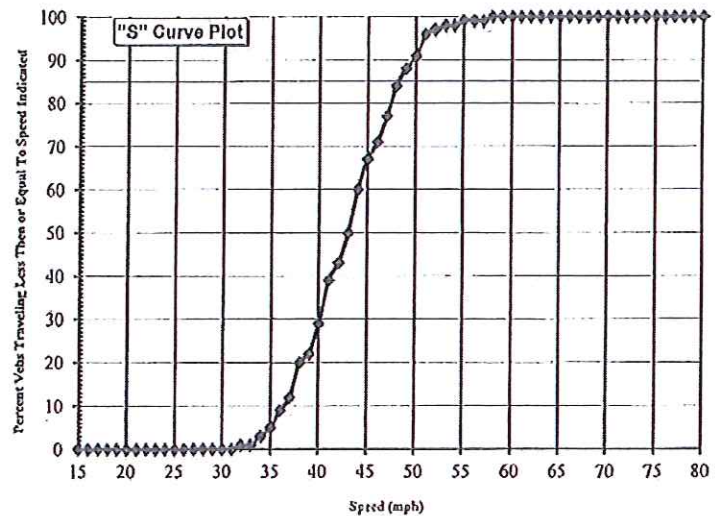
Date:	10/25/13	Hwy:	CTH JK	Direction:	EDAVB	SUMMARY OF VEHICLES BY TYPE: Passenger = 100.0% Trucks = 0.0% Buses = 0.0%
Time:	9:00 AM	Location:	East of CTH KF	Posted Speed:	55 MPH	
Observer(s):	RW	County:	Waukesha	Weather:	35, Partly Cloudy	
				Pay't Condition:	Dry	

SPEED RANGE	No. VEHICLES (I)	Speed #	CUMM No. VEHICLES	CUMM %
15	0	0	0	0.0
16	0	0	0	0.0
17	0	0	0	0.0
18	0	0	0	0.0
19	0	0	0	0.0
20	0	0	0	0.0
21	0	0	0	0.0
22	0	0	0	0.0
23	0	0	0	0.0
24	0	0	0	0.0
25	0	0	0	0.0
26	0	0	0	0.0
27	0	0	0	0.0
28	0	0	0	0.0
29	0	0	0	0.0
30	0	0	0	0.0
31	0	0	0	0.0
32	1	32	1	1.0
33	0	0	1	1.0
34	2	68	3	3.0
35	2	70	5	5.0
36	4	141	9	9.0
37	3	111	12	12.0
38	8	304	20	20.0
39	2	78	22	22.0
40	7	280	29	29.0
41	10	410	39	39.0
42	4	168	43	43.0
43	7	301	50	50.0
44	10	440	60	60.0
45	7	315	67	67.0
46	4	184	71	71.0
47	6	282	77	77.0
48	7	336	84	84.0
49	4	196	88	88.0
50	3	150	91	91.0
51	5	255	96	96.0
52	1	52	97	97.0
53	1	53	98	98.0
54	0	0	98	98.0
55	1	55	99	99.0
56	0	0	99	99.0
57	0	0	99	99.0
58	1	58	100	100.0
59	0	0	100	100.0
60	0	0	100	100.0
61	0	0	100	100.0
62	0	0	100	100.0
63	0	0	100	100.0
64	0	0	100	100.0
65	0	0	100	100.0
66	0	0	100	100.0
67	0	0	100	100.0
68	0	0	100	100.0
69	0	0	100	100.0
70	0	0	100	100.0
71	0	0	100	100.0
72	0	0	100	100.0
73	0	0	100	100.0
74	0	0	100	100.0
75	0	0	100	100.0
76	0	0	100	100.0
77	0	0	100	100.0
78	0	0	100	100.0
79	0	0	100	100.0
80	0	0	100	100.0
	100			

STUDY RESULTS

AVERAGE SPEED	50th PERCENTILE	85th PERCENTILE	PACE SPEED RANGE
43.4	43.0	48.3	40.0 to 49.0

% In Pace = 66.0%
% Over Pace = 12.0%
% Under Pace = 22.0%



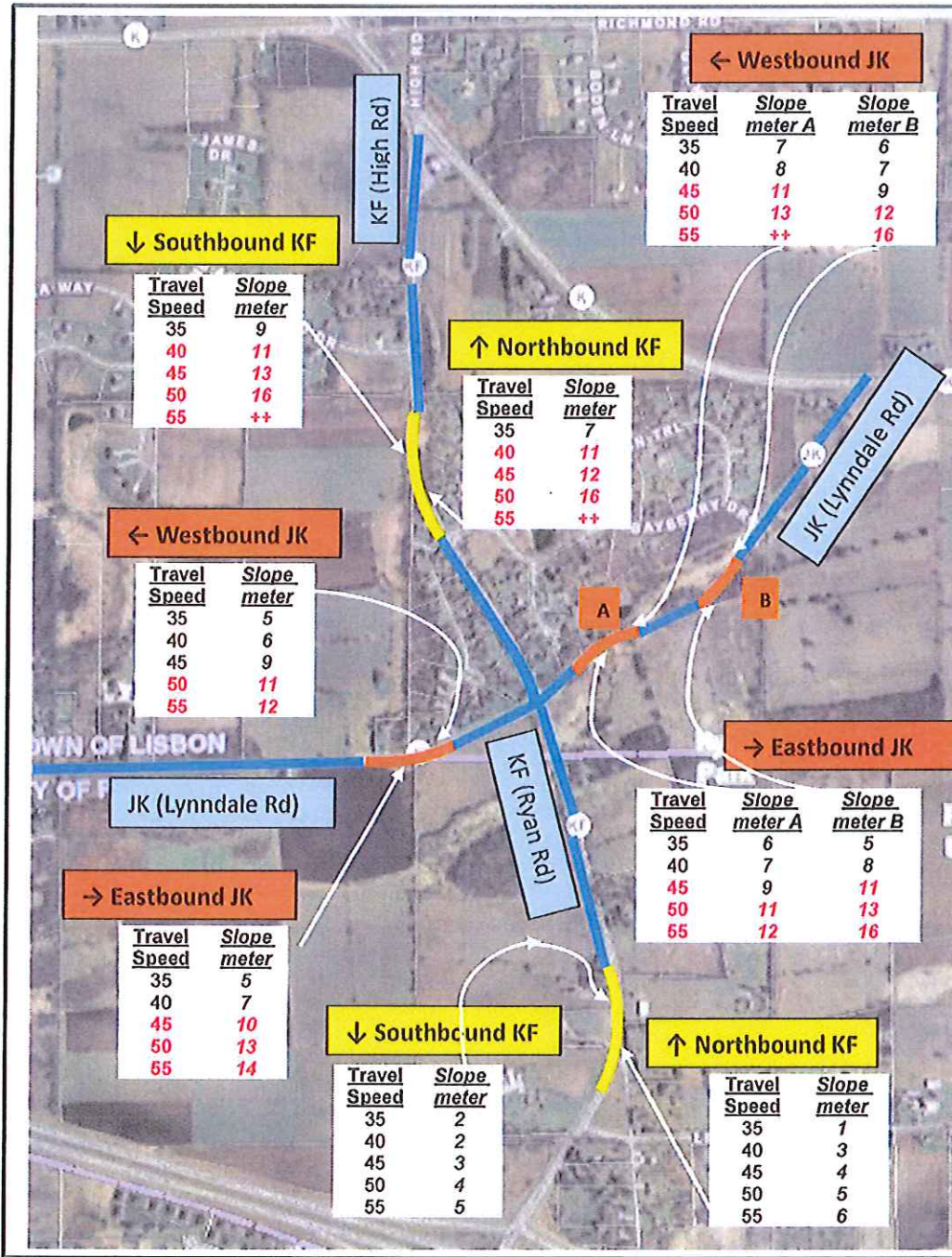
N:\DW\Projects\102513\102513-ND Speed Use 1 Spot CTH JK - CTH JK - East of CTH KF - RW - 10/25/13\102513-ND Speed Use 1 Spot CTH JK

Exhibit F

CTH JK & CTH KF travel speed slope meter readings



LAND INFORMATION SYSTEMS DIVISION



- Parcels**
- Plats**
- Assessor Plat
 - CSM
 - Condo Plat
 - Subdivision Plat
- <all other values>
- Airport
 - Cemetery
 - Fire Station
 - Government
 - Hospital
 - Library
 - Post Office
 - Recreation
 - School
 - Unincorporated
 - County Park
 - Local Police Depa
 - Sherriff's Substatio
 - Future

0 1,250.00feet

NOTES:
 35 2 = Travel speed (MPH) with slope meter < 10
 50 13 = Travel speed (MPH) with slope meter ≥ 10

The information and depictions herein are for informational purposes and Waukesha County specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means. Waukesha County will not be responsible for any damages which result from third party use of the information and depictions herein, or for use which ignores this warning.

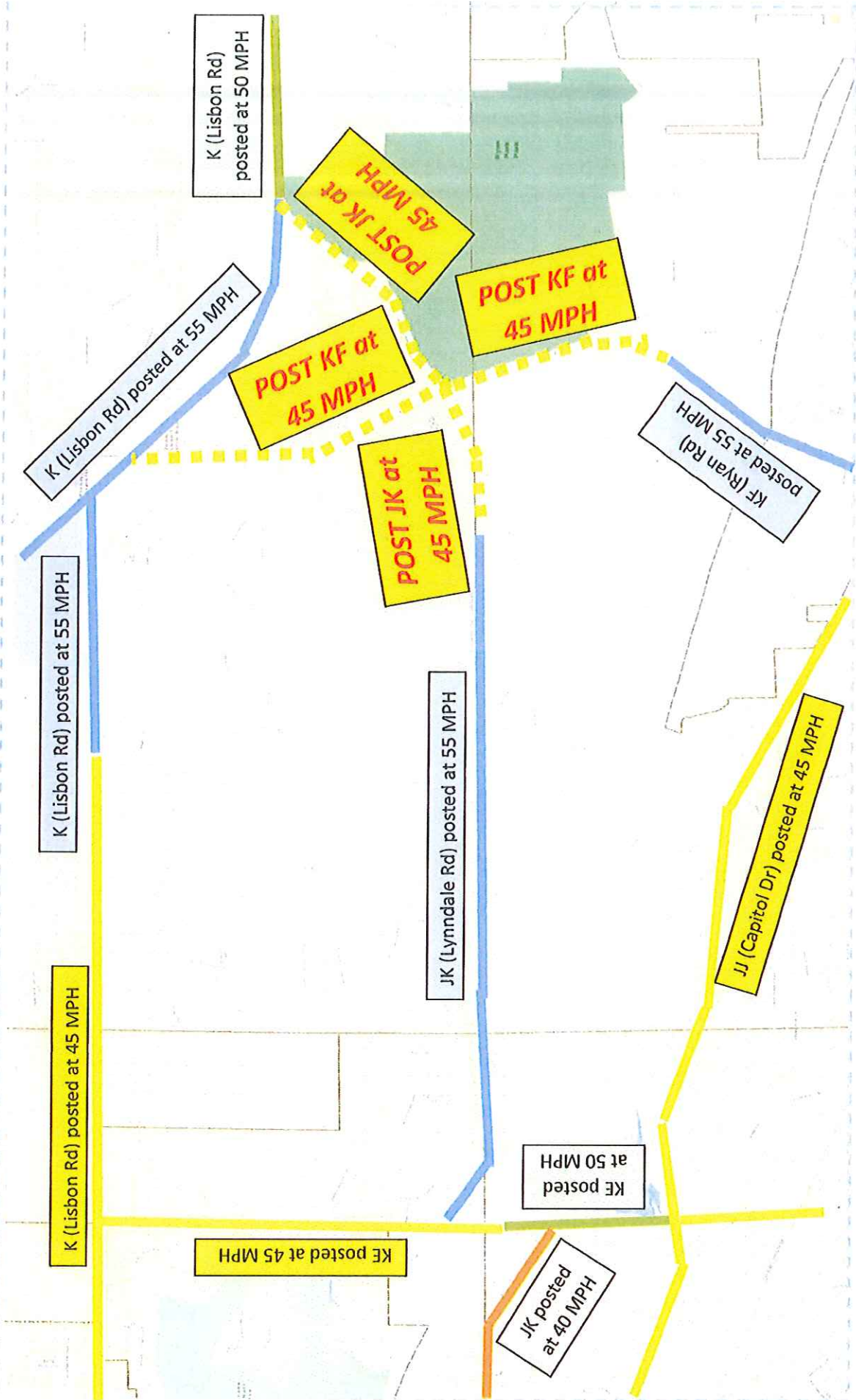


Printed 9/4/2014



LAND INFORMATION SYSTEMS DIVISION

Exhibit G PROPOSED Speed Limits



Notes:
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Printed: 11/4/2014

WAUKESHA COUNTY BOARD OF SUPERVISORS

V

DATE-12/16/14

(ORD) NUMBER-1690085

- 1 R. KOLB.....AYE
- 3 R. MORRIS.....AYE
- 5 J. BRANDTJEN.....AYE
- 7 J. GRANT.....AYE
- 9 J. HEINRICH.....AYE
- 11 C. HOWARD.....AYE
- 13 P. DECKER.....AYE
- 15 B. MITCHELL.....AYE
- 17 D. PAULSON.....AYE
- 19 K. CUMMINGS.....AYE
- 21 W. ZABOROWSKI.....AYE
- 23 K. HAMMITT.....AYE
- 25 G. YERKE.....AYE

- 2 D. Zimmermann.....AYE
- 4 J. BATZKO.....AYE
- 6 J. WALZ.....AYE
- 8 E. HIGHUM.....AYE
- 10 D. SWAN.....AYE
- 12 P. WOLFF.....AYE
- 14 C. PETTIS.....AYE
- 16 M. CROWLEY.....AYE
- 18 L. NELSON.....AYE
- 20 T. SCHELLINGER...AYE
- 22 P. JASKE.....AYE
- 24 S. WHITTOW.....AYE

TOTAL AYES-25

TOTAL NAYS-00

CARRIED _____

DEFEATED _____

UNANIMOUS ~~_____~~

TOTAL VOTES-25