BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, KANSAS

WEDNESDAY, FEBRUARY 3, 2010

-4:00 p.m. - County Commission Meeting

-Convene

CONSENT AGENDA

- (1)(a) Consider approval of Commission Orders;
 - (b) Consider approval of Annual Noxious Weed Eradication Progress Report 2009 (Keith Browning);
 - (c) Consider approval of Annual Noxious Weed Management Plan (Keith Browning);
 - (d) Consider approval of Application for an authorized emergency vehicle permit for Louie Disney; Duane B. Filkins; John E. Steele, Jr. (two vehicles); Dillon Filkins; and Joshua A. Wood (Sheriff's Office); and
 - (e) Acknowledge fee reports for December 2009.

REGULAR AGENDA

- (2) Discuss and consider a City of Lawrence request for funding assistance in the amount of \$277,715 for improvements at 31st Street and Kasold Drive (Keith Browning)
- (3) Other Business
 - (a) Consider approval of Accounts Payable (if necessary)
 - (b) Appointments
 - (c) Miscellaneous
 - (d) Public Comment
- (4) Adjourn

WEDNESDAY, FEBRUARY 10, 2010

TUESDAY, FEBRUARY 16, 2010

-6:00 p.m. -Joint City/County/School District Meeting at City Hall (two or more Commissioners may attend.)

WEDNESDAY, FEBRUARY 17, 2010

WEDNESDAY, FEBRUARY 24, 2010

Note: The Douglas County Commission meets regularly on Wednesdays at 4:00 P.M. for administrative items and 6:35 P.M. for public items at the Douglas County Courthouse. Specific regular meeting dates that are not listed above have not been cancelled unless specifically noted on this schedule.



DOUGLAS COUNTY PUBLIC WORKS

1242 Massachusetts Street Lawrence, KS 66044-3350 (785) 832-5293 Fax (785) 841-0943 dgcopubw@douglas-county.com www.douglas-county.com

Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To: Board of County Commissioners

From: Keith A. Browning, P.E., Director of Public Works/County Engineer

Mike Perkins, Operations Division Manager

Date: January 25, 2010

Re: Consent Agenda Approval of Annual Noxious Weed Eradication Progress Report 2009

Attached is a copy of the Douglas County Noxious Weed Eradication Progress Report 2009. This report will be sent to the Kansas Department of Agriculture and requires signatures of the Board of County Commissioners.

Action Required: Consent agenda approval of the 2009 Noxious Weed Eradication Progress Report and signatures of all Board of County Commission members.

Annual Noxious Weed Eradication Progress Report 2009



as required by KSA 2-1316

Douglas County Noxious Weed Dept

Noxious Weed Supervisor:

John Landon

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
John Landon	Vegetation Control Specialist	100	\$37,366.00
Alan Hollinger	VMII	100	\$34,958.00
Terence Cooper	Seasonal Laborer	100	\$7,764.75
Donna Miller	Secretary	50	

Financial Summary - Noxious Weed Fund Amount Mil levy for 2009 118366

Will levy for 2009	110300
County valuation for 2009	\$0.00
Beginning Budget Balance for 2009	\$228,000.00

Revenues

Chemical Sales	\$85,838.15	·
Equip Rentals	\$4,499.50	
Labor Reimburstments	\$4,110.20	
Sales Tax Collected	\$0.00	
Total Revenue		\$94,447.85

Expenditures

Commodities - Chemicals	\$97,408.79	
Commodities - Other	\$370.98	
Contractual Expenses	\$6,135.65	
Personnel Expenses	\$83,011.97	
Transfer Equip Reserve	\$10,000.00	
Total Expenditures	·	\$196,927.39
	Ending Budget Balance	\$31,072.61

	T.	
Carryover to next year's budget for 2009 to 2010		\$0.00

Capital Outlay Fund Amount

	Ending Balance	\$31,072.61
Expenditures		\$196,927.39
Receipts		\$0.00
Beginning Balance		\$228,000.00

FYI - this budget is used out of a "General Fund" shared with others. So any revenues received DO NOT go back into a separate budget for Noxious Weed Department. All parts and fuel were paid for out of Douglas County "Fleet Budget".

Annual Noxious Weed Eradication Progress Report

Douglas County Noxious Weed Dept

Year **2009**

*

Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Field Bindweed	1667.8		2091.0	811.7	837.6	1615.8	7023.9
Johnsongrass	1674.0	-	2183.2	362.3	504.6	724.7	5448.8
Musk Thistle	2416.3		2676.0	795.1	664.3	1161.0	7712.7
Purple Loosestrife						306.9	306.9
Sericea Lespedeza	1972.4		1576.1	577.3		120.8	4246.6
Totals	7730.5		8526.3	2546.4	2006.5	3929.2	24738.9

Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Field Bindweed						426.6	516.5			1667.8
Johnsongrass						314.0	635.3			1674.0
Musk Thistle						1392.3	238.9			2416.3
Sericea Lespedeza						939.7	126.8			1972.4
Totals						3072.6	1517.5			7730.5

Weeds declared Noxious by the County:

Multiflora Rose

Bull Thistle

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D	\$11.70	\$15.00	972.500 gal
GLYPHOSATE	\$23.95	\$24.00	475.000 gal
IMAZAPIC	\$2.17	\$0.00	144.000 oz
METSULFURON METHYL	\$6.97	\$17.00	56.000 oz
PICLORAM	\$67.96	\$57.00	425.490 gal
TRICLOPYR	\$59.95	\$51.00	99.000 gal
TRICLOPYR + VISTA	\$46.45	\$41.00	580.090 gal
Triisopropanolammonium salt	\$275.80	\$213.00	20.000 gal
Triisopropanolammonium salt	\$70.17	\$59.00	10.000 qt

Enforcement Summary

Warning Notices	3
Legal Notices	144
Court Cases	0

Diversion Agreements	0
Accounts to Tax Roll	0
Meetings Sponsored	0

Demonstration Plots	0
Feed and Hay Inspection	0
Publish General Notice	1

Enforcement Comments:

We certify this is a correct copy of the Douglas County Noxious Weed Dept Program for 2009 We certify that John Landon is employed as Douglas County Noxious Weed Dept Director for 2010

Chairman, Board of County Commissioners	Date	County Commissioner	Date
County Commissioner	Date	County Commissioner	Date //Ze/10
County Commissioner	Date	County Noxigus Weed Director	Date

Annual Noxious Weed Eradication Progress Report Treatment Summary for Noxious Weeds

Douglas County Noxious Weed Dept

2009 🖈

Field Bindweed

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice										-			0
Legal Notice				!		1	1						2
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
County								214.8					214.8
Private Corn								80.0	·				80.0
Private Non-Ag						10.0			Ī				10.0
Private Other		Ţ,			10.0	50.0	40.0	30.0	10.0				140.0
Private Pasture						10.0	10.0	10.0	15.0				45.0
State					95.0		82.0		Ī				177.0
Township							6.4						6.4
Total Acreage					105.0	70.0	138.4	334.8	25.0				673.2

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November De	ecember:	Totals
2-4 D AMINE							10.0	105.0	15.0				130.0
Milestone (qt)							6.4				T I		6.4
ROUNDUP					10.0	70.0	40.0	25.0	10.0				155.0
TORDON + 2-4 D					95.0		82.0	204.8					381.8
Total Acreage					105.0	70.0	138.4	334.8	25.0				673.2

Annual Noxious Weed Eradication Progress Report Treatment Summary for Noxious Weeds

Douglas County Noxious Weed Dept 2009 ★

Johnsongrass

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice													0
Legal Notice						1	10	2					13
Court Cases												i	0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
City									10.0				10.0
Private Corn					10.0			10.0					20.0
Private CRP					5.0			15.0					20.0
Private Non-Ag						2.0		3.0					5.0
Private Other					230.0	135.0	105.0	60.0	45.0		1		575.0
Private Pasture				10.0		5.0	10.0	20.0	15.0				60.0
Private Soybean					40.0		30.0		10.0				80.0
State					10.0		13.2	5.0	, · ·-	-			28.2
Township						9.0		9.0	i			-	18.0
Total Acreage				10.0	295.0	151.0	158.2	122.0	80.0				816.2

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
PLATEAU						6.0		12.0					18.0
ROUNDUP				10.0	295.0	145.0	158.2	110.0	80.0				798.2
Total Acreage				10.0	295.0	151.0	158.2	122.0	80.0				816.2

2009 ★

Musk Thistle

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice				3									3
Legal Notice	- :				10	61	20						91
Court Cases													0
Diversion Agreements						,,							0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
City						1920.1							1920.1
County					264.0	102.4	-					256.0	622.4
Private CRP						5.0	5.0						10.0
Private Non-Ag					1.0	11.0							12.0
Private Other			90.4	10.0			5.0					•	105.4
Private Pasture		16.0	2386.3	795.4	2712.8	491.3	284.7	126.7	188.5	320.0	165.7	90.0	7577.4
State											20.0		20.0
Township				7.0	134.0	553.4				•			694.4
Total Ac	reage	16.0	2476.7	812.4	3111.8	3083.2	294.7	126.7	188.5	320.0	185.7	346.0	10961.7

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D AMINE			831.3	210.1	625.0	165.0	65.0	65.0	80.0				2041.4
Milestone (gal)				64.0	317.0					128.0			509.0
Milestone (qt)				25.6		521.0							546.6
OutPost 22K			1325.4	240.0	1004.8	48.3	229.7	61.7	47.7		37.7		2995.3
PASTUREGARD				26.7	120.0	53.3			60.8				260.8
TORDON		16.0	320.0	239.0	254.0	245.1				192.0	148.0	346.0	1760.1
TORDON + 2-4 D				7.0	791.0	2050.5							2848.5
Total Acreage		16.0	2476.7	812.4	3111.8	3083.2	294.7	126.7	188.5	320.0	185.7	346.0	10961.7

Annual Noxious Weed Eradication Progress Report Treatment Summary for Noxious Weeds

Douglas County Noxious Weed Dept 2009 ★

Sericea Lespedeza

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Warning Notice	January	1 Columny	Maici	April	iviay	Julie	July	August	September	OCIODEI	November	December.	0
						-	- 24						
Legal Notice		ļ.— .—.— ļ				8	24	6					38
Court Cases													0
Diversion Agreements													0
Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
City					4.0		4.0						8.0
County								140.0				30.0	170.0
Private CRP					191.9	157.3	47.9	96.9	5.3	26.0			525.3
Private Non-Ag							26.6	10.0					36.6
Private Other					Ì	5.3		,	10.0				15.3
Private Pasture				65.3	343.1	705.5	642.7	534.7	132.3	10.0	21.1		2454.7
State							22.3	79.0					101.3
Township									37.3				37.3
Total Acreage				65.3	539.0	868.1	743.5	860.6	184.9	36.0	21.1	30.0	3348.5
		, .		•				· · · · · · · · · · · · · · · · · · ·					
Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D AMINE						5.0							5.0
ESCORT							16.0	32.0	48.0	16.0			112.0
PASTUREGARD				50.0	449.6	746.0	529.1	776.7	94.3	20.0	21.1	30.0	2716.8
REMEDY				15.3	73.4	101.1	187.8	41.3	42.6				461.5
REMEDY + 2-4 D					16.0	16.0	10.6	10.6					53.2
Total Acreage				65.3	539.0	868.1	743.5	860.6	184.9	36.0	21.1	30.0	3348.5

		4
วก	ი9	7
20	UJ	$\overline{}$

Field Bindweed	January	February	/ March	April	May	j	lune	July	August	September	October	November	December:	Totals
City								_	25					25
Federal							ĺ	12						12
Private Hay Meadow							3	2	6	1				12
Private Other								6						6
Private Pasture					_		1		3	3				7
State									12					12
Township									30					30
Total Acreage Infested							4	20	76	4				104
	Total Acrea		Surveyed	County Acres	Estimat	ted V	Veed Dir		Acreage Aft			Note		
	Infested	·	6950	419712	Acrea	ge	Adjusti	ment	Adjustmen	nt		•		
City		25.0			•	1509.8		106.0	16	15.8				
Federal		12.0				724.7		112.9	8:	37.6				
Private Hay Meadow		12.0				724.7		0.0	7:	24.7				-
Private Other	1	6.0				362.3		154.2	5	16.5				
Private Pasture		7.0				422.7		3.9	42	26.6				
State		12.0		•		724.7		87.0	8.	11.7	0	• •		
Tarrandin	i	30.0				1811.7		279.3	200	91.0				
Township	l	50.0				1011.7		219.5	20	91.0				

2009

Johnsongrass	January	Februar	y March	April	May	Jui	ne July	y August	September	October	November	December:	Totals
City								12					12
Federal								7					7
Private Hay Meadow	i						1 !	5 4	2				12
Private Pasture			1					3	2				5
State								6					6
Township	İ							35					35
Total Acreage Infested				1			1 12	2 60	4				. 77
1	Total Acrea	otal Acreage Acres		County Acres	Estimat		ed Director's	Acreage Af	er		Note		
	Infested		6950	419712	Acrea	ge /	Adjustment	Adjustmer	nt				
City	** .	12.0	•			724.7	0.0	7	24.7				
Federal		7.0				422.7	81.9	5	04.6				-
Private Hay Meadow		12.0				724.7	0.0	7:	24.7				
Private Other						592.2	43.1	6	35.3				
Private Pasture		5.0				302.0	12.0	3	14.0				
State		6.0				362.3	0.0	3	62.3				
Township	;	35.0			2	2113.7	69.5	21	83.2	· -	··········		
		77.0	Total Estin	ated Acerage	. E	5242.3	206.5	54	48.8		_		

•				T										
Musk Thistle	January	February	March	n April	May	,	June	July	August	September	October	November	December:	Totals
City									19				l	19
Federal								11						11
Private Hay Meadow							4	3	5	1				13
Private Other								3	3					3
Private Pasture		•					2	6	8	6				22
State									13					13
Township									41					41
Total Acreage Infested							6	23	86	. 7				122
	Total Acrea	ge Acres	Surveyed	County Acres	Estima	ted \	Weed Director's			er	•	Note		
	Infested	٠ ٦	950	419712	Acrea	ge	Adj	justment	Adjustmer	nt				
City		19.0				1147.4		13.6	110	61.0				
Federal	-	11.0				664.3		0.0	6	64.3				
Private Hay Meadow		13.0				785.1		0.0	78	85.1				
Private Other	•	3.0				181.2		57.7	2:	38.9				
Private Pasture		22.0				1328.6		63.7	13	92.3				
State		13.0				785.1		10.0	7:	95.1				
Township		41.0				2476.0		200.0	26	76.0				
-	1	22.0	Total Estin	nated Acerage		7367.7		345.0	77'	12.7				

20	09	¥

,	,												
Purple Loosestrife	January	February	March	April	May	Ju	ne July	/ August	September	October	November	December:	Totals
City								5					5
Total Acreage Infested								5					5
1	Total Acrea	Acreage Acres Surveyed		County Acres	Estimat		ed Director's	Acreage Aft	i i		•		
	Infested	6	950	419712	Acrea	ge	Adjustment	Adjustmen	nt				
City		5.0	•			302.0	4.9	30	06.9	7			
		5.0	Total Estin	nated Acerage		302.0	4.9	30	06.9				

2000	4
2009	一天

Sericea Lespedeza	January	February	March	n April	May	Ju	ne July	y August	September	October	November	December:	Totals
City								1 1			-		2
Private Hay Meadow							7	7 3	3				13
Private Other							2	2					2
Private Pasture	,						4	4 8	3				15
Private Wooded Area								2			,		2
State								9					9
Township				i			-	26					26
Total Acreage Infested	l					1417	14	49	6				69
	Total Acrea		Surveyed	County Acres	Estimat		ed Director's	Acreage Aff	er		Note		
	Infested	ا ا	950	419712	Acrea	ge	Adjustment	Adjustme	nt				
City		2.0				120.8	0.0	1	20.8				
Private Hay Meadow		13.0				785.1	0.0	7	85.1				
Private Other		2.0				120.8	6.0	1	26.8				
Private Pasture		15.0				905.9	33.8	9	39.7				
Private Wooded Area		2.0				120.8	0.0	1	20.8				· · · · · · · · · · · · · · · · · · ·
State		9.0				543.5	33.8	5	77.3				
Township		26.0				570.1	6.0	15	76.1	-			
TOWNSHIP		20.0			L	0.0.1	0.0	10	70.1				

Douglas County Noxious Weed Dept Chemical Disbursement Summary

2009

Novious	Weed	Treatments
HUNIUUS	TTCCU	HUGHIUHU

Chemical	Rate	Cost Share	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
Dye	\$0.38	\$0.38				42.00	666.00	176.00	525.00				-	***************************************	1409.00 oz
Surfactant	\$0.41	\$0.41				42.00	666.00	188.00	525.00	84.00					1505.00 oz
2,4-D A4	\$11.70	\$15.00			107.50	105.00	410.00	140.00	47.50	115.00	47.50				972.50 gal
		Total 2-4 D			107.50	105.00	410.00	140.00	47.50	115.00	47.50			· ·	972.50 gal
Gly Star Original	\$23.95	\$24.00				5.00									5.00 gal
Razor	\$23.95	\$24.00					152.50	110.00	95.00	67.50	45.00				470.00 gal
	Total GLY	PHOSATE				5.00	152.50	110.00	95.00	67.50	45.00				475.00 gal
Plateau	\$2.17	\$0.00						48.00		96.00					144.00 oz
· · · · · · · · · · · · · · · · · · ·	Total	IMAZAPIC						48.00		96.00	·				144.00 oz
Excort XP	\$6.97	\$17.00							8.00	16.00	24.00	8.00			56.00 oz
Total ME1	SULFURON	METHYL		·					8.00	16.00	24.00	8.00	·		56.00 oz
OutPost 22K	\$55.17	\$47.00			82.84	15.00	62.79	3.19	22.34	7.43	15.85		4.29		213.73 gal
Tordon 22K (1 gal container	\$78.20	\$65.00		1.00	35.00	14.94	72.88	26.32	0.00	16.00		12.00	8.00	25.63	211.76 gal
	Total P	ICLORAM		1.00	117.84	29.94	135.67	29.51	22.34	23.43	15.85	12.00	12.29	25.63	425.49 gal
Remedy	\$59.95	\$51.00			2.00	3.00	18.00	22.00	36.00	10.00	8.00				99.00 gal
	Total TF	RICLOPYR			2.00	3.00	18.00	22.00	36.00	10.00	8.00				99.00 gal
PastureGard	\$46.45	\$41.00				15.00	117.50	152.50	120.27	119.39	38.77	5.00	4.17	7.50	580.09 gal
Total	TRICLOPY	R + VISTA		-····		15.00	117.50	152.50	120.27	119.39	38.77	5.00	4.17	7.50	580.09 gal
Milestone (gal)	\$275.80	\$213.00				2.50	12.50					5.00			20.00 gal
Milestone (qt)	\$70.17	\$59.00				4.00		5.00	, 1.00						10.00 qt
Total Triisopro						2.50	12.50					5.00			20.00 gal
Total Triisopro	panolammo	onium sait				4.00		5.00	1.00				<u> </u>		10.00 qt

Douglas County Noxious Weed Dept Chemical Disbursement Summary

2009

Other Treatments

Chemical	Rate	Cost Share	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Totals
Dye	\$0.38	\$0.38					98.00			-					98.00 oz
Surfactant	\$0.41	\$0.41				180.00	98.00	60.00		•					338.00 oz
2,4-D A4	\$11.70	\$15.00				7.50									7.50 gal
	•	Total 2-4 D				7.50					····	·			7.50 gal
Gly Star Original	\$23.95	\$24.00				2.50	2.50								5.00 gal
Razor	\$23.95	\$24.00						10.00		57.50					67.50 gai
	Total GLY	PHOSATE				2.50	2.50	10.00		57.50					72.50 gal
Tordon 22K (1 gal container	\$78.20	\$65.00						0.00							0.00 gal
	Total F	PICLORAM						0.00							0.00 gal
PastureGard	\$46.45	\$41.00						0.00							0.00 gal
Total	TRICLOPY	R + VISTA						0.00	 -		•				0.00 gal
Milestone (gal)	\$275.80	\$213.00				0.00				,					0.00 gal
Total Triisopro	panolamm	onium salt				0.00			,						0.00 gal

Actual Progress Report

Douglas County Noxious Weed Dept

Year 2009

Actual Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Cost Share	Total
Field Bindweed	275	214.8	6.4	177				673.2
Johnsongrass	760		18	28.2375		, 10		816.2375
Musk Thistle	7704.7592	622.4	694.4	20		1920.1		10961.6592
Sericea Lespedeza	3031.9	170	37.3	101.2625		8	1	3348.4625
Totals	11771.659	1007.2	756.1	326.5		1938.1		15799.5592

Actual Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Field Bindweed		80				45	140		10	275
Johnsongrass		20	80		20	60	575		5	760
Musk Thistle				•	10	7577.3592	105.4		12	7704.7592
Sericea Lespedeza					525.3	2454.7	15.3		36.6	3031.9
Totals		100	80	•	555.3	10137.059	835.7		63.6	11771.659

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D	\$11.70	\$15.00	972.500 gal
GLYPHOSATE	\$23.95	\$24.00	475.000 gal
IMAZAPIC	\$2.17	\$0.00	144.000 oz
METSULFURON METHYL	\$6.97	\$17.00	56.000 oz
PICLORAM	\$67.96	\$57.00	425.490 gal
TRICLOPYR	\$59.95	\$51.00	99.000 gal
TRICLOPYR + VISTA	\$46.45	\$41.00	580.090 gal
Triisopropanolammonium salt	\$275.80	\$213.00	20.000 gal
Triisopropanolammonium salt	\$70.17	\$59.00	10.000 qt

Noxious Weed Survey Data Collection

Year 2009

Start Date 1/1/2009

End Date 12/31/2009

Survey#	Date	Surveyor	Field#	Legal Descrip	otion		
80	8/28/2009	John Landon		County Wide			_
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
Co wide		Township		300	132	Field Bindweed	30
OU WILL		ТОМПОПІР			102	Johnsongrass	35
						Musk Thistle	41
					•	Sericea Lespedeza	26
Co wide		City	-	150	62	Field Bindweed	25
		Oity		1		Johnsongrass	12
						Musk Thistle	19
						Sericea Lespedeza	19
						Purple Loosestrife	5
Co wide		State		100	40		
Co wide		otate		100	40	Johnsongrass	6
						Musk Thistle	13
						Sericea Lespedeza	9
		T. (. 1 A	•	d 550	1 004	Field Bindweed	12
		Total Acrea	age Surveye	a <u>550</u>	234		
Survey#	Date	Surveyor	Field#	Legal Descrip	otion	7	
81	7/16/2009	John Landon	007	11/17/36		7	
				Acreage	Acreage	Weed	Acreage
Location		Land Ownership		Surveyed	Infested		infested
NW	· -	Federal RailRoad		20	6	Musk Thistle	2
		<u></u>		1	1	Field Bindweed	2
						Johnsongrass	2
NW		Private Soybean		20	0		
NW		Private Hay/Meadow		30	2	Sericea Lespedeza	2
NW		Private Pasture		20	0		
NW		Private Corn		5	0	1	
NW		Private Wooded Area		65	0	1	
SW		Private Pasture		80	2	Sericea Lespedeza	2
SW	- "	Private Hay/Meadow		40	0		-
sw		Private Wooded Area		40	0	1	
SE		Private Pasture		30	2	Musk Thistle	2
SE		Private Corn		20	0		
SE		Private Wooded Area		110	0	†	
NE		Private Pasture		40	1	Sericea Lespedeza	1
NE NE		1				1 CONOCA ECOPOGOZA	
		Private Wooded Area				·	
NE		Private Wooded Area Private Corn		110	0		

640

Total Acreage Surveyed

Noxious Weed Survey Data Collection

Year 2009

Start Date 1/1/2009

82 Location NW	7/1/2009	John Landon	073	12/19/21			
		-				1	
NIVAL		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
INVV		Private Hay Meadow		20	1	Johnsongrass	1
NW		Private Pasture		40	3	Musk Thistle	2
						Sericea Lespedeza	1
NW		Private Corn		30 -	0	 	
NW		Federal Roads		60	9	Field Bindweed	3
_		· · · · · · · · · · · · · · · · · · ·			-	Musk Thistle	4
						Johnsongrass	2
NW		Private Wooded Area		10	0		
sw		Private Hay Meadow		40	0	1	
sw		City Utility R/W		30	0	1	
SW	•	Private Urban Residential		10	0	1	
sw		Private Wooded Area		80	0	Ī	
SE		Private Urban Residential		20	0	1	
SE	-	Private Wooded Area		140	0	1	
NE	-	Private Corn		50	0	1	
NE		Private Soybean		20	0	1	
NE		Federal Roads	*	60	9	Field Bindweed	5
						Musk Thistle	.3
						Johnsongrass	1
NE		Private Wooded Area		30	0		
		Total Acrea	ge Surveyed	640	22		
Survey#	Date	Surveyor	Field#	Legal Descrip	tion	7	
83	7/14/2009	John Landon	075	12/19/23	-		
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
NW		Private Residential		40	5	Field Bindweed	2
						Musk Thistle	3
NW		Private Industrial		80	0		
NW	-	Federal Roads		40	0		
SW		Private Residential		130	0	†	
sw		Private Wooded Area		30	0	1	
SE		Private Residential		100	4	Field Bindweed	4
SE	<u></u>	Private Industrial		30	0		<u> </u>
SE		Federal Roads		30	. 0	1	
NW		Private Industrial		150	0	1	
NW		Federal RailRoad		10	6	Field Bindweed	2
		1	 			Musk Thistle	2
						Johnsongrass	2
		Total Acrea	ige Surveyed	640	15	5	

Noxious Weed Survey Data Collection

Year 2009

Start Date 1/1/2009

Survey#	Date	Surveyor	Field#	Legal Descrip	tion		
84	8/3/2009	John Landon	103	12/17/36			
				Acreage	Acreage	Weed	Acreage
Location		Land Ownership		Surveyed	Infested		Infested
NW		Private Soybean		120	0		
NW	·	Private Urban Residential		5	0		
NW		Private Wooded Area		30	0		
NW		Federal Utility R/W		5	0		
SW		Private Urban Residential		5	0	1	
SW	<u> </u>	Private Soybean		20	0		
sw		Federal Utility R/W		20	0	1	
SW		Private Wooded Area		120	0		
SE		Private Hay Meadow		80	5	Field Bindweed	1
						Musk Thistle	2
						Johnsongrass	1
						Sericea Lespedeza	1
SE		Private Wooded Area		80	0]	-
NE		Private Soybean		40	0	,	
NE.		Private Hay Meadow		40	3	Musk Thistle	1
		-	<u> </u>			Johnsongrass	1
						Sericea Lespedeza	1
NE		Federal Utility R/W		20	0		
NE		Private Urban Residential		5	0		
						7	
NE		Private Wooded Area		50	0		
NE			ge Surveyed		8	1	
		Total Acrea		640	8	-	
Survey#	Date	Total Acrea	Field#	640 Legal Descrip	8]	
	Date 7/29/2009	Total Acrea		640 Legal Descrip 12/18/34	8 tion		1
Survey# 85		Total Acrea Surveyor John Landon	Field#	640 Legal Descrip 12/18/34 Acreage	8 tion Acreage	Weed	Acreage
Survey# 85 Location		Total Acrea Surveyor John Landon Land Ownership	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed	tion Acreage Infested	Weed	
Survey# 85 Location		Total Acrea Surveyor John Landon Land Ownership City Utility R/W	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20	8 tion Acreage Infested 0	Weed	
Survey# 85 Location NW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60	8 tion Acreage Infested 0 0	Weed	
Survey# 85 Location NW NW		Total Acrea Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20	Acreage Infested 0 0 0	Weed	
Survey# 85 Location NW NW NW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Wooded Area	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60	Acreage Infested 0 0 0 0		
Survey# 85 Location NW NW NW		Total Acrea Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20	Acreage Infested 0 0 0	Field Bindweed	Acreage Infested
Survey# 85 Location NW NW NW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Wooded Area	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60	Acreage Infested 0 0 0 0		Infested
Survey# 85 Location NW NW NW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Wooded Area	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60	Acreage Infested 0 0 0 0	Field Bindweed	Infested
Survey# 85 Location NW NW NW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Wooded Area	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60	Acreage Infested 0 0 0 10	Field Bindweed Musk Thistle	Infested
Survey# 85 Location NW NW NW NW NW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Wooded Area Private Hay Meadow	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130	Acreage Infested 0 0 0 10	Field Bindweed Musk Thistle Johnsongrass	Infested
Survey# 85 Location NW NW NW SW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Wooded Area Private Hay Meadow	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130	Acreage Infested 0 0 0 10 0 0 0	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza	1 1 1 3 5 5
Survey# 85 Location NW NW NW SW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70	Acreage Infested 0 0 0 10 0 10	Field Bindweed Musk Thistle Johnsongrass	Infested
Survey# 85 Location NW NW NW NW SW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Wooded Area Private Hay Meadow	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130	Acreage Infested 0 0 0 10 0 0 0	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza	1 1 1 3 5 5
Survey# 85 Location NW NW NW NW SW		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70	Acreage Infested 0 0 0 10 0 10	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza	1 1 1 3 5 5
Survey# 85 Location NW NW NW SW SSW SE SE SE SE		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow City Utility R/W	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70 5	8 tion Acreage Infested 0 0 0 10 10 2 0	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza	1 1 1 3 5 5
Survey# 85 Location NW NW NW NW SW SE SE SE SE SE NE		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow City Utility R/W Private Urban Residential	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70 5	8 tion Acreage infested 0 0 0 10 10 0 2 0 0 0	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza Sericea Lespedeza	1 1 3 5 5
Survey#		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Wooded Area Private Soybean Private Hay Meadow City Utility R/W Private Urban Residential Private Pasture	Field#	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70 5 5 70	8 tion Acreage Infested 0 0 0 10 0 2 0 0 2	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza Sericea Lespedeza Musk Thistle	1 1 1 3 5 5 2 2
Survey# 85 Location NW NW NW NW SW SE SE SE SE SE NE		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Wooded Area Private Soybean Private Hay Meadow City Utility R/W Private Urban Residential Private Pasture	Field# 107	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70 5 5 70	8 tion Acreage Infested 0 0 0 10 0 2 0 0 2	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza Sericea Lespedeza Musk Thistle Field Bindweed	1 1 1 3 5 5 2 2 1 1
Survey# 85 Location NW NW NW NW SW SE SE SE SE SE NE		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Wooded Area Private Soybean Private Hay Meadow City Utility R/W Private Urban Residential Private Pasture	Field# 107	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70 5 5 70	8 tion Acreage Infested 0 0 0 10 0 2 0 0 2	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza Sericea Lespedeza Musk Thistle Field Bindweed Musk Thistle Johnsongrass	1 1 1 3 5 5 2 2 1 1 2 2
Survey# 85 Location NW NW NW NW SW SE SE SE SE SE NE		Surveyor John Landon Land Ownership City Utility R/W Private Soybean Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Wooded Area Private Soybean Private Hay Meadow City Utility R/W Private Urban Residential Private Pasture	Field# 107	640 Legal Descrip 12/18/34 Acreage Surveyed 20 60 20 60 130 30 80 70 5 5 70	8 tion Acreage Infested 0 0 0 10 0 2 0 0 2	Field Bindweed Musk Thistle Johnsongrass Sericea Lespedeza Sericea Lespedeza Musk Thistle Field Bindweed Musk Thistle	1 1 1 3 5 5 2 2 1 1 2 1 1

Noxious Weed Survey Data Collection

Year 2009

Start Date 1/1/2009

Survey#	Date	Surveyor	Field#	Legal Descrip	otion		
86	6/1/2009	John Landon	314	14/21/07			
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
NW		Private Corn		100	0		
NW W		Private Soybean		10	0	1	
NW		Private Hay Meadow		30	7	Musk Thistle	4
-					<u> </u>	Field Bindweed	2
						Johnsongrass	1
NW		Private Corn		10	0		
W W		Private Urban Residential		10	0	1	
SW	-	Private Wooded Area		20		1	
SW		Private Hay Meadow		60	1	Field Bindweed	1
SW		Private Soybean		10	0		
SW		Private Corn		10	0	7	:
SW		Private Urban Residential		30	0	1	
SW		Private Pasture		30	3	Musk Thistle	2
					·- ···	Field Bindweed	1
SE		Private Wooded Area		20	0		
SE		Private Corn		140	0		
VE .		Private Corn		40	0]	
VE .		Private Pasture		10	0]	
NE		Private Soybean		50	0		
NE		Private Wheat		20	0		
NE		Private Hay Meadow		20	0		
NE		Private Wooded Area		20	0		
	· -	Total Acrea	ige Surveye	640	11]	
Survey#	Date	Surveyor	Field#	Legal Descrip	otion		
87	8/10/2009	John Landon	325	14/18/13			
				Acreage	Acreage	Weed	Acreage
_ocation		Land Ownership		Surveyed	Infested		Infested
W		Private Corn		50	0		
٧W		City Park		70	0		
W		Private Wooded Area		40	_ 2	Sericea Lespedeza	2
SW		Private Soybean		130	0		
SW		Private Urban Residential		10	0		a.
SW		Private Hay Meadow		20	3	Field Bindweed	1
						Musk Thistle	1
						Johnsongrass	1
				20	0		
		Private Corn				1	
SE.		Private Soybean		110	0	<u> </u>	
SE SE				110 10	0	_	
SE SE		Private Soybean Private Urban Residential Private Wooded Area				-	
SE SE SE		Private Soybean Private Urban Residential Private Wooded Area Private Corn		10	0	-	
SE SE SE SE NE		Private Soybean Private Urban Residential Private Wooded Area Private Corn Private Wooded Area		10 20 80 ·20	0 0 0	- - - -	
SE SE NE		Private Soybean Private Urban Residential Private Wooded Area Private Corn Private Wooded Area Private Grapes	age Surveyed	10 20 80 20 60	0 0	- - - -	

Noxious Weed Survey Data Collection

Year 2009
Start Date End Date

1/1/2009

Survey#	Date	Surveyor	Field#	Legal Descrip	tion		
88	8/18/2009	John Landon	368	14/18/30			<u> </u>
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
W. W.		Private Pasture		150	8	Field Bindweed	2
•						Musk Thistle	3
						Johnsongrass	1
				•		Sericea Lespedeza	2
NW		Private Wooded Area		10	0		•
SW		Private Pasture		110	3	Field Bindweed	1
						Musk Thistle	1
						Johnsongrass	1
SW		Private Corn		20	0		
SW		Private Wooded Area		30	0		
SE		Private Hay Meadow		55	0		
SE		Private Soybean		40	0		
SE		Private Pasture		40	1	Sericea Lespedeza	1
SE		Private Wooded Area		20	0		
SE		Private Urban Residential		5	0		
NE		Private Pasture		110	4	Musk Thistle	2
						Sericea Lespedeza	2
11-		Ten 1 1 1 1 1 1		40	0	7	
		Private Hay Meadow		1 40		_1	
		Private Hay Meadow Private Urban Residential		10	0		
NE NE		Private Urban Residential	age Surveyed	10]	
NE		Private Urban Residential Total Acrea		10 640	0 16	- - -	
NE Survey#	Date	Private Urban Residential Total Acrea	Field#	10 640 Legal Descrip	0 16	<u> </u> 	
NE	Date 8/20/2009	Private Urban Residential Total Acrea		10 640 Legal Descrip 14/20/30	0 16 tion	Wood	Agroago
Survey#		Private Urban Residential Total Acrea Surveyor John Landon	Field#	10 640 Legal Descrip 14/20/30 Acreage	0 16 tion	Weed	
Survey# 89 Location		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed	0 16 tion	Weed	
Survey# 89 Location		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed	0 16 tion Acreage Infested		Acreage Infested
Survey# 89 Location		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed	0 16 tion	Musk Thistle	Infested 2
Survey# 89 Location NW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55	0 16 tion Acreage Infested 0 3	Musk Thistle Johnsongrass	Infested 2
NE Survey#		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed	0 16 tion Acreage Infested	Musk Thistle Johnsongrass Field Bindweed	Infested 2 1 2
Survey# 89 Location NW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55	0 16 tion Acreage Infested 0 3	Musk Thistle Johnsongrass Field Bindweed Musk Thistle	2 1 2 2 1
Survey# 89 Location NW NW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55	16 tion Acreage Infested 0 3	Musk Thistle Johnsongrass Field Bindweed	Infested 2 1 2
Survey# 89 Location NW NW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential	Field#	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55	0 16 tion Acreage Infested 0 3	Musk Thistle Johnsongrass Field Bindweed Musk Thistle	2 1 2 2 1
Survey# 89 Location NW NW NW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Wooded Area	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55	16 tion Acreage Infested 0 3 4	Musk Thistle Johnsongrass Field Bindweed Musk Thistle	2 1 2 2 1
Survey# 89 Location NW NW NW NW NW SW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Urban Residential	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55	0 16 tion Acreage Infested 0 3 4	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza	2 1 2 1 1 1 1
Survey# 89 Location NW NW NW SW SW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Urban Residential Private Pasture	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55	0 16 tion Acreage Infested 0 3 4	Musk Thistle Johnsongrass Field Bindweed Musk Thistle	2 1 2 2 1
Survey# 89 Location NW NW NW SW SW SW		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Urban Residential Private Pasture Private Pasture Private Hay Meadow	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55 55 5 95 60	0 16 tion Acreage Infested 0 3 4	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza	2 1 2 1 1 1 1
Survey# 89 Location NW NW NW NW SW SW SSW SE		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Pasture Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Urban Residential	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55 5 5 60 20	0 16 tion Acreage Infested 0 3 4	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza	2 1 2 1 1 1 1
Survey# 89 Location NW NW NW NW SW SW SW SE SE		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Pasture Private Urban Residential Private Pasture Private Hay Meadow Private Urban Residential Private Soybean	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55 5 60 20 70	0 16 tion Acreage Infested 0 3 4	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza Sericea Lespedeza	2 1 2 1 1 1 1 3
Survey# 89 Location NW NW NW NW SW SW SSW SSE SE SE		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Urban Residential Private Pasture Private Urban Residential Private Pasture Private Hay Meadow Private Urban Residential Private Hay Meadow Private Hay Meadow Private Hay Meadow	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55 5 60 20 70 50	0 16 tion Acreage Infested 0 3 4	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza	2 1 2 1 1 1 1
Survey# 89 Location NW NW NW SW SW SW SSE SE SE SE		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Pasture Private Urban Residential Private Pasture Private Hay Meadow Private Urban Residential Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Wooded Area	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55 5 5 95 60 20 70 50 20	0 16 tion Acreage Infested 0 3 4 0 0 0 0 0 2 0	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza Sericea Lespedeza	2 1 2 1 1 1 1 3
Survey# 89 Location NW NW NW SW SW SSE SE SE SE NE		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Pasture Private Hay Meadow Private Hay Meadow Private Urban Residential Private Pasture Private Hay Meadow Private Urban Residential Private Soybean Private Hay Meadow Private Wooded Area Private Soybean	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55 5 95 60 20 70 50 20 80	0 16 tion Acreage Infested 0 3 4 0 0 0 0 0 2 0 0 0	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza Sericea Lespedeza	2 1 2 1 1 1 1 3
Survey# 89 Location NW NW NW SW SW SSW SE SE SE SE		Private Urban Residential Total Acrea Surveyor John Landon Land Ownership Private Soybean Private Pasture Private Hay Meadow Private Urban Residential Private Urban Residential Private Pasture Private Urban Residential Private Pasture Private Hay Meadow Private Urban Residential Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Hay Meadow Private Wooded Area	Field# 380	10 640 Legal Descrip 14/20/30 Acreage Surveyed 40 55 55 5 5 95 60 20 70 50 20	0 16 tion Acreage Infested 0 3 4 0 0 0 0 0 2 0	Musk Thistle Johnsongrass Field Bindweed Musk Thistle Sericea Lespedeza Sericea Lespedeza	2 1 2 1 1 1 1 3

Noxious Weed Survey Data Collection

Year 2009

Start Date 1/1/2009

Survey#	Date	Surveyor	Field#	Legal Descrip	tion		
90	9/2/2009	John Landon	395	14/18/34			
Location		Land Ownership		Acreage Surveyed	Acreage Infested	Weed	Acreage Infested
NW		Private Pasture		160	11	Field Bindweed	3
		<u> </u>		' 		Musk Thistle	4
						Johnsongrass	2
						Sericea Lespedeza	2
sw		Private Hay Meadow		15	1	Johnsongrass	1
SW		Private Corn	_	20	0		·
SW		Private Soybean		40	0		
SW		Private Wooded Area		20	0		
SW		Private Corn		60	0		
SW		Private Urban Residential		5	0		
SE		Private Soybean		90	0		
SE		Private Urban Residential		5	0		
SE		Private Pasture		30	0		
SE		Private Hay Meadow		25	1	Musk Thistle	1
SE		Private Wooded Area		10	0		
NE .		Private Hay Meadow		80	5	Field Bindweed	1
						Johnsongrass	1
						Sericea Lespedeza	3
NE		Private Pasture		70	3	Musk Thistle	2
						Sericea Lespedeza	1
NE		Private Corn		10	0		
		Total Acrea	ge Surveyed	640	21		
		Total Acrea	ige Surveyed	6950	377		

diction Code

Part I

1. Gross Sales or Receipts	\$91,774.23	
2. Merchandise Consumed		
3. Deductions	\$91,774.23	Rate
4. Net Sales	\$0.00	7.85%
5. Net Tax	\$0.00	

Balance Due \$0.00

Part II (Deductions)

E. or 5. Sales of items consumed in the production of tangible personal property produced	\$74,411.71
C. or 3. Sales to U.S. government, state of Kansas, and political subdivisions.	\$17,362.52
Total Deductions	\$91,774.23



DOUGLAS COUNTY PUBLIC WORKS

1242 Massachusetts Street Lawrence, KS 66044-3350 (785) 832-5293 Fax (785) 841-0943 dgcopubw@douglas-county.com www.douglas-county.com

Keith A. Browning, P.E. Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From: Keith A. Browning, P.E., Director of Public Works/County Engineer

Mike Perkins, Operations Division Manager

Date : January 25, 2009

Re : Consent Agenda Approval of Annual Noxious Weed Management Plan

Attached is a copy of the Douglas County Noxious Weed Management Plan. This plan will be sent to the Kansas Department of Agriculture and requires signatures of the Board of County Commissioners.

ACTION: Recommend approval of the plan and signatures of all Board of County Commission members.

DOUGLAS COUNTY NOXIOUS WEED MANAGEMENT PLAN

PURPOSE:

The Douglas County Noxious Weed Division is part of the Public Works Department with the objective of educating the general public and governing bodies in the control of State declared noxious weeds and the Kansas Noxious Weed Law. The Noxious Weed Division is responsible for eradicating noxious weeds along County maintained highway right-of-ways and other County owned properties; State roads; make available for sale approved herbicides for the treatment of noxious weeds; and enforcement of the Noxious Weed Law.

RESOURCES:

The following resources are available to the Department to accomplish their stated mission:

Full time Weed Director

Secretarial duties performed by the Operations Division Secretary

One full-time Vegetation Management Worker II

One seasonal laborer during spray season

Two trucks equipped with mounted chemical sprayers

Three rental trailers mounted chemical sprayers available to County property owners Chemical warehouse with a 5,000 gallon storage capacity, clothes washer and emergency shower and eye wash station

GPS system

Digital camera

The automation of the County Appraisers Office has progressed to allow a geographical informational system. The weed department has invested in a simple GPS system to aid in the pinpoint accuracy of infestations, identifying property owners, and eliminating days of processing and mis-identification.

Additional *external* resources available to the department consist of Public Works Road Crews that conduct asphalt maintenance. Both crews are routinely trained in the identification of some noxious weeds. The Weed Director will maintain open communications with the Official County newspaper and local radio station KLWN for public service announcements and informative articles. Contact and joint inspections will be conducted with the Agriculture Agent of the County Extension Office when requested.

PROFESSIONAL DEVELOPMENT:

The Weed Director and Vegetation Maintenance Worker II will maintain chemical applicator certification 9A.

Departmental personnel will attend the Annual Weed Conference and Summer Training Workshop when budgetary funds are available and training agenda's of significant substance are published. Monthly district meetings will be attended when time permits.

Membership in the County Weed Directors Association of Kansas and a professional library will be maintained in the Weed Director's office.

Safety Policy, OSHA requirements and Material Safety Data Sheets of all chemicals used will be kept on file and available to all personnel and customers.

OUTREACH PROGRAMS:

Mass media assets will be used whenever the opportunity arises. During the Douglas County Fair departmental personnel may man an information booth during normal work hours. The weed director will be available to attend City and Township meetings and any public presentation opportunities.

Seed inspections will be conducted for all Co-Op's in the county upon request or complaints. There are no known custom harvesters registered in Douglas County but Custom Harvester Labels will be available in the Weed Department, free of charge.

Douglas County Noxious Weed Department is a participant in the project "Good Neighbor" which is a program created by the Kansas Department of Agriculture in supporting sensitive crop growers. It is a program established to identify, register and provide signage for "Sensitive Crop" growers within Douglas County.

NOXIOUS WEED CONTROL:

The noxious weeds currently present in Douglas County are: Musk Thistle; Canada Thistle; Field Bindweed; Johnson Grass; and Sericea Lespedeza.

The Noxious Weed Division will operate within the bounds of the Kansas Noxious Weed Law K.S.A. Article 13, Chapters 2-1314 thru 2-1333, and the approved Control Methods of the Kansas State Board of Agriculture. Right-of-way programs are attached at Appendixes A - D.

The Noxious Weed Division issues a General Notice to Control Noxious Weeds the first of April that is published in the official County newspaper.

Reminder postcards will be mailed to landowners of known and habitual infestations to announce opportune spray conditions and effective treatments.

Official Warning Notices and Legal Notices will be mailed to landowners and supervising agencies in non-compliance of the weed law based from visual inspections of routine patrolling and citizen complaints. A follow-up inspection/postcard will be mailed to all Official Warning notice recipients to confirm treatment results or identify further eradication needed.

Charges will be filed through the District Attorney's office on individuals who will not respond to written notice or refuse to comply with the weed law.

Approved herbicides will be sold to qualified individuals through the cost share program at a subsidized rate equal to 75% of the total cost incurred by the County in the purchasing, storing, and handling of chemical materials. Prices will be rounded up to the nearest dollar.

To ensure disciplined compliance with the Noxious Weed Law the only limitations on chemical sales will be:

Glyphosate - - 10 gallons per season No sale of Glyphosate till May 15th No sale of Tordon 22K from July 1st to September 1st

The Weed Director may approve purchases in excess of the stated limitations after an inspection of reported infestations.

The weed department will maintain a working list of Points of Contact for the control of noxious weeds on township lands, state highways, and all cities within the County boundaries.

We certify that this is a correct copy of the Douglas County 2007 Noxious Weed Management Plan as required by K.S.A. 2-1317.

Nancy Thellman, Chairman, Board of Commissioners	Date	
	•	
•		
Jim Flory, Commissioner	Date	
Mike Gaughan, Commissioner	Date	
	 _	
John Landon, County Noxious Weed Director	Date	

APPENDIX A

RIGHT OF WAY PROGRAM FOR FIELD BINDWEED

OBJECTIVE: Control field bindweed with the least damage to desirable vegetation at a minimum cost. To achieve this objective, most of the treatment must be accomplished in the **fall**.

PRIORITIES: 1. Highly traveled visible areas.

METHOD: 1. Map infestations of noxious weeds.

- 2. Identify sensitive areas.
 - a. Ornamental planting
 - b. High water tables
 - c. Areas subject to high pedestrian traffic
 - d. Areas where drainage water moves off the property

FALL TREATMENT PROGRAM

OCTOBER 1 – SOIL FREEZE UP

- 1. Treat areas with 8 12 oz of Tordon
- 2. Treat areas with 3 70z of Milestone

SPRING TREATMENT PROGRAM

JUNE 1 - JULY 1

1. Treat known infestations with 2,4-D and Tordon 22K

SUMMER TREATMENT PROGRAM JULY 1 – OCTOBER 1

- 1. Spot treat only if the field bindweed is not under stress, 2,4-D
- 2. Full spray with Tordon 22K after September 1st
- 3. Use Escort around grape vineyards and orchards, where you can't spray 2,4-D or Tordon 22K

APPENDIX B

FOR MUSK THISTLE

OBJECTIVE: Control musk thistle with the least damage to desirable vegetation at a minimum cost and prevent the production of viable seed. To achieve this objective, most of the treatment must be accomplished in the **fall**.

PRIORITIES: 1. Highly traveled visible areas.

2. An area adjacent to pastures, vacant lots, or waste areas

METHOD: 1. Map infestations of noxious weeds

2. Identify sensitive areas.

- a. Ornamental planting
- b. High water tables
- c. Areas subject to high pedestrian traffic
- d. Areas where drainage water moves off the property
- 3. Identify areas where frequent mowing occurs

FALL TREATMENT PROGRAM OCTOBER 1 – SOIL FREEZE UP

- 1. Treat rural areas with 8 fl oz per acre of Tordon
- 2. Treat rural areas with 5 fl oz per acre of Milestone

SPRINGTREATMENT PROGRAM MARCH 15 – JUNE 30

- 1. Treat known infestations not treated in the fall with 8 oz. Tordon or 1 to 2 qts. 2,4-D. After bolting use 10 fl oz Tordon 22K + 1 qt. 2,4-D-A.
- 2. When flowering starts use ½ oz of Escort to kill germination.
- 3. Check and treat all previously treated areas and spot treat or dig missed rosettes.
- 4. Precise spot treatment or preferably hand digging for musk thistle found in areas where Crown Vetch is growing.

APPENDIX B

RIGHT OF WAY PROGRM FOR MUSK THISTLE

SUMMER TREATMENT PROGRAM JUNE 1 – OCTOBER 1

- 1. Frequent mowing in high maintenance areas.
- 2. Use Escort if flowering
- 3. Check and treat all previously treated areas and spot treat or dig missed rosettes.

APPENDIX C

RIGHT OF WAY PROGRAM FOR JOHNSON GRASS

OBJECTIVE: Control Johnson Grass with the least damage to desirable vegetation at a minimum cost and prevents the production of viable seed. To achieve this objective, most of the treatment must be accomplished in the <u>fall</u>.

PRIORITES: 1. Highly traveled, visible areas

METHOD: 1. Map infestations of noxious weeds

2. Identify sensitive areas

- a. Ornamental planting
- b. High water tables
- c. Areas subject to high pedestrian traffic
- d. Areas where drainage water moves off the property

FALL TREATMENT PROGRAM OCTOBER 1 – SOIL FREEZE UP

- 1. Spot treat areas with Glyphosate (Roundup) or Plateau,
- 2. Treat around ornamentals with Glyphosate

SPRING/SUMMER TREATMENT PROGRAM JUNE 1 – OCTOBER 1

- 1. Spot treat only if the Johnson Grass is not under stress, with Glyphosate (Roundup) at ½ gal per acre or 2 oz per 1 gallon water.
- 2. Frequent mowing will control Johnson Grass. Mow in the early boot stage of growth.

APPENDIX D

RIGHT OF WAY PROGRAM FOR SERICEA LESPEDEZA

DESCRIPTION: Perennial, stems erect to 5 ft tall, appressed hairy only along the ridges on the stem, leaves with 3 leaflets, leaflets less than 1 inch long and less than ¼ inch wide, wedge-shaped (cuneate), flowers few (1-4) in the axils of the leaves from mid or late July to October, petals yellowish or tinged with purple, about ¼ inch long, fruit (pod) about 1/8 inch long, roundish with pointed ends in outline, flattened.

PREVENTION: Sericea Lespedeza spreads primarily by seeds. Persons planting mixtures of seeds for erosion control and for wildlife habitat should ensure Sericea Lespedeza is not included in the mix.

METHOD: Control of Sericea Lespedeza shall mean preventing production of viable seed.

FALL TREATMENT PROGRAM SEPTEMBER thru NOVEMBER

- 1. Spot spray with 2 pts. Remedy + 1 qt. 2,4-D
 - 2. Or spot spray with ½ oz Escort
 - 3. PastureGard 1 ½ pts
 - 4. Mowing will help control.

SPRING TREATMENT PROGRAM

- 1. No treatment
- 2. Need to wait until all seed have sprouted and growing around May 15th starts

SUMMER TREATMENT PROGRAM JULY thru SEPTEMBER

- 1. Full spray areas with 2 pts. Remedy + 1 qt. 2,4-D
- 2. Or $\frac{1}{2}$ oz Escort + 2,4-D
- 3. PastureGard 1 ½ pts
- 4. Identify:
 - a. Sensitive areas
 - b. High water tables
 - c. Areas where drainage water moves off the property

1(d)

Please type or print the following information:	Check One: Annual Renewal (If renewal, attach old permit. Must be renewed annually by January 31.)
Name: Louis Disney	
Street Address: 895 N2000 Rol	Phone # (916) 786-7996
City: <u>lecompton</u> State: <u>ks</u>	Zip Code: 66050 County: Dauglas
Make of Vehicle: <u>chevrolet 1500</u>	Year of Vehicle: 1997
Style of Vehicle: Truck Z71	License Tag #:5354
VIN#: 26-CEK19R8V1226967	Driver's License #: <u> </u>
Vehicle Insurance Company Name: Progressi: **Attach copy of insurance card.	<u>ve</u> Policy#: 25152970-3
Agency: Lecompton F	RE/EMS
Agency Address:	54 lecements huse
Agency Head Signature:	Miley, Jiso Mig
I HEARBY CERTIFY, I have read and agree to abide Kansas Statutes which relate to the operation of Emerg	by the requirements set forth in Chapter 8 of the ency Vehicles.
I FURTHER CERTIFY, I will drive with due regard for	r the safety of others as required by K.S.A. 8-1506.
I FURTHER CERTIFY, I will return my permit when transferable to any other person or vehicle.	requested by the Sheriff. This permit is not
I FURTHER CERTIFY, violating any of these laws an violations may be grounds for the cancellation of my volvehicle".	d/or rules and the commission of other serious traffic ehicle being designated as an "Authorized Emergency
(contest Diney	1/25/10
Signature of Applicant	(/29/d) Date
Kenneth M. McGovern, Sheriff	Date Permit#
Authorization granted by County Commission on this	day of, 200

Please type or print the following information:	Check One: New
	Annual Renewal (If renewal, attach old permit. Must be
	renewed annually by January 31.)
Name: DUANE D. FILKINS	
Street Address: 327 Elsen Hower Dr.	Phone # (\$6) 766-5694
City: AW RENGE State:	Zip Code: 660 19 County: DG.
Make of Vehicle: Howa Wile EX-C	Year of Vehicle: 2008
Style of Vehicle: 4-DR	License Tag #: 1 15 FF # 613
VIN#: 1HGFA169986075228 D	river's License #: <u>KB2 - 54 - 4317</u>
Vehicle Insurance Company Name: AUSTATE **Attach copy of insurance card.	Policy#: 10 291480 04
Agency: KANWAKA FIRE DEPAR	
Agency Address: 54/6 N. 1700 Pr. 1	AWRENAS, 16. 66049
Agency Head Signature:	
I HEARBY CERTIFY, I have read and agree to abide by t Kansas Statutes which relate to the operation of Emergence	
I FURTHER CERTIFY, I will drive with due regard for th	e safety of others as required by K.S.A. 8-1506.
I FURTHER CERTIFY, I will return my permit when requtransferable to any other person or vehicle.	nested by the Sheriff. This permit is not
I FURTHER CERTIFY, violating any of these laws and/or violations may be grounds for the cancellation of my vehic	rules and the commission of other serious traffic le being designated as an "Authorized Emergency
Vehicle".	
Music & Allin	19-/m-10
W/ Signature of Applicant/	Date
fourth /// Ho	1/28/18 007
Kenneth M. McGovern, Sheriff	Date Permit #
Authorization granted by County Commission on this	day of , 200
S:Forms:emergency vehicle permit authorization	

Please type or print the following information:	Check One: New
	
Name: John E Steele Ir	
Street Address: 517 N° 1663 RQ	Phone # (785) 766- 3541
City: Lawrence State: K5	Zip Code: 66049 County: Douglas
Make of Vehicle: Chery	Year of Vehicle: 2002
Style of Vehicle: Dick p	License Tag #: KS FIRE 5436
VIN #: 26C EK 19 T 421 2655 04	Driver's License #: 511-50-6978
Vehicle Insurance Company Name: 54cde F **Attach copy of insurance card.	arm Policy#: 242 9386-E11-16K
Agency: Kauwaka Five Dap	A.
Agency Address: 548 N 170	0 Red Law, KS Ce 4049
Agency Head Signature:	2
I HEARBY CERTIFY, I have read and agree to abide Kansas Statutes which relate to the operation of Emerg	by the requirements set forth in Chapter 8 of the gency Vehicles.
I FURTHER CERTIFY, I will drive with due regard for	or the safety of others as required by K.S.A. 8-1506.
I FURTHER CERTIFY, I will return my permit when transferable to any other person or vehicle.	requested by the Sheriff. This permit is not
Vehicle".	ad/or rules and the commission of other serious traffic rehicle being designated as an "Authorized Emergency 1/20/10
Renneth M. McGovern, Sheriff	
Authorization granted by County Commission on this S:Forms:emergency vehicle permit authorization	day of, 200

Please type or print the following information	: Check One: New
	Annual Renewal (If renewal, attach old permit. Must be
	renewed annually by January 31.)
Name: John E Steeck Ir.	
Street Address: ST7 N 1663	Rel Phone # (785) 766-3541
City: Lawrence State	e: KS Zip Code: <u>UCO49</u> County: <u>Douglas</u>
لتم	Year of Vehicle: 2008
Style of Vehicle: Van	License Tag #: Pon 651
VIN #: 16CGG 25C 3811 728	16 Driver's License #: 511-50-6978
Vehicle Insurance Company Name:	ate Farm Policy #: 288 1832-E25-
Agency: Kanwaka Five	Dyst.
Agency Address: 548 N	1700 Rd Lawrence, X3 Colo49
Agency Head Signature:	
I HEARBY CERTIFY, I have read and agree	to abide by the requirements set forth in Chapter 8 of the
Kansas Statutes which relate to the operation	
I FURTHER CERTIFY, I will drive with due	regard for the safety of others as required by K.S.A. 8-1506.
I FURTHER CERTIFY, I will return my pern transferable to any other person or vehicle.	nit when requested by the Sheriff. This permit is not
I FURTHER CERTIFY, violating any of these violations may be grounds for the cancellation	e laws and/or rules and the commission of other serious traffic n of my vehicle being designated as an "Authorized Emergency
Vehicle".	tormy tomore ourself and the second
the state of the s	1/20/10
Signature of Aphilicant	Date
1 grash With	1/28/15 009
Kenneth M. MoGovern, Sherif	f Date Permit#
Authorization granted by County Commission	on this day of, 200

S:Forms:emergency vehicle permit authorization

Please type or print the following information:	Check One: New
	Annual Renewal
	(If renewal, attach old permit. Must be renewed annually by January 31.)
Name: Dillon Filkins	
Street Address: 327 Eisenhauer Dr. (NO M. POBOX 3533, Lawrence, K.	MI! Phone # (785) 764-1921
City: Lawrence State: 175	Zip Code: <u>66049</u> County: <u>Nouglas</u>
Make of Vehicle: Ford	Year of Vehicle: 2002
Style of Vehicle: F-350	License Tag #:
VIN #: 1FTSX31F72E03368	Driver's License #: <u>Rol - 80 - 4335</u> CML
Vehicle Insurance Company Name: Allied Insurance card.	rance Policy #: 72-2-2528532
Agency: Kanwaka Township Fire	Dept
Agency Address: 548 N 1700 Rd	Lawrence, 45
Agency Head Signature:	
I HEARBY CERTIFY, I have read and agree to abide	by the requirements set forth in Chapter 8 of the
Kansas Statutes which relate to the operation of Emerg	
I FURTHER CERTIFY, I will drive with due regard for	or the safety of others as required by K.S.A. 8-1506.
I FURTHER CERTIFY, I will return my permit when transferable to any other person or vehicle.	requested by the Sheriff. This permit is not
I FURTHER CERTIFY, violating any of these laws ar violations may be grounds for the cancellation of my v Vehicle".	nd/or rules and the commission of other serious traffic rehicle being designated as an "Authorized Emergency
Dituu Flomb	20-Jan-2010
// Signature of Applicant	/ Date
lant litter	1/28/10 011
Kenneth M. McGovern, Sheriff	Date Permit #
Authorization granted by County Commission on this	day of, 200

S:Forms:emergency vehicle permit authorization

Please type or print the following information:	Check One:	New	al Renewal
	(If reneve	wal, attach old p d annually by J	ermit. Must be
Name: Joshua A Wood			· · · · · · · · · · · · · · · · · · ·
Street Address: 440 S Elmore	Pho	ne# (185)_86	5-8007
City: Lecompton State: K5	Zip Code: (d	County	· DG
Make of Vehicle: Chesa	Year of Vehic	le: <u>1999</u>	
Style of Vehicle: Silvercide 1500 4X	License Tag#	5443	
VIN#: 2GCEKI9T3X1149777	_ Driver's License #	# KOI-20	2-7475
Vehicle Insurance Company Name: Form Bure **Attach copy of insurance card.	Pour Po	olicy#: <u>Obcioe</u>	2011691017
Agency: Lecompton Fl	BE/E/	75.	11-6-01
Agency Address: // // //	Heamp	toppo	<u> (ob 0 50 f (9</u>
Agency Head Signature:	ne All	y IN	2 Chris
I HEARBY CERTIFY, I have read and agree to abide Kansas Statutes which relate to the operation of Emerg	by the requirements gency Vehicles.	set forth in Chap	oter 8 of the
I FURTHER CERTIFY, I will drive with due regard for	or the safety of other	s as required by	K.S.A. 8-1506.
I FURTHER CERTIFY, I will return my permit when transferable to any other person or vehicle.	requested by the Sho	eriff. This permi	it is not
I FURTHER CERTIFY, violating any of these laws are violations may be grounds for the cancellation of my v Vehicle".	nd/or rules and the co vehicle being designa	ommission of oth ated as an "Autho	ner serious traffic orized Emergency
Signature of Applicant Kenneth M. McGovern, Sheriff		$\frac{1/28/16}{\left(\frac{29}{16}\right)}$ Date	Date Ol 2 Permit #
Authorization granted by County Commission on this S:Forms:emergency vehicle permit authorization	day of	, 2	00



DOUGLAS COUNTY PUBLIC WORKS

1242 Massachusetts Street Lawrence, KS 66044-3350 (785) 832-5293 Fax (785) 841-0943 dgcopubw@douglas-county.com www.douglas-county.com

Keith A. Browning, P.E. Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From : Keith A. Browning, P.E., Director of Public Works/County Engineer

Date: January 19, 2010

Re : City of Lawrence request for funding for 31st & Kasold improvements

The City of Lawrence requests Douglas County funding assistance in the amount of \$277,715 for improvements at 31st Street and Kasold. The requested amount is the estimated cost for concrete pavement, curb & gutter, fly ash treated subgrade, sidewalk, recreation trail, and sidewalk ramps near the intersection. The improvements are part of the City's project to reconstruct Kasold Drive from Clinton Parkway to 31st Street. The City bases the request on the premise that the intersection serves both the City and unincorporated Douglas County. They propose a right-turn lane for southbound traffic on Kasold at E 1200 Road, and a continuous left-turn lane on 31st Street to serve westbound traffic turning left onto E 1200 Road.

E 1200 Road between K-10 (SLT) and 31st Street is a chip-sealed road maintained by Wakarusa Township. There is narrow, 24'-span, county bridge over Yankee Tank Creek located approximately 0.3 miles south of 31st Street and approximately 725 feet north of K-10. The bridge is posted for a 12-ton load limit. There is an existing at-grade intersection at E 1200 Road/K-10 highway.

Possible improvements to E 1200 Road between K-10 and 31st Street have been studied in the past. Major impediments to such improvements include:

- A wide (approximately 650') floodway for Yankee Tank Creek necessitating a long and expensive bridge
- KDOT plans to remove the at-grade intersection when two additional lanes are added to K-10 (SLT)

Previous study concluded a connection between the 31st & Kasold intersection and Route 458 south of the Wakarusa River, including an overpass at K-10, might be needed in the future. However, this will be an expensive project that could not be justified for many decades. A more cost-effective connection between Route 458 and west Lawrence would be along a Wakarusa Drive alignment. A future Wakarusa Drive extension between K-10 and Route 458 near E 1000 Road ("Banning's Corner"), and a new Wakarusa Drive/K-10 interchange, are both shown in the long-range transportation plan, Transportation 2030. This alignment crosses the Wakarusa River where the floodway is relatively narrow, which is a major advantage over the Kasold alignment. Transportation 2030 does not include a connection between 31st & Kasold and Route 458.

Memorandum January 19, 2010 Page Two

The City of Lawrence feels Douglas County should assist in paying for proposed auxiliary turn lanes at the 31st & Kasold intersection. This would make sense if Douglas County planned to improve E 1200 Road south of 31st Street. However, for the reasons given above, there is no plan for such an improvement.

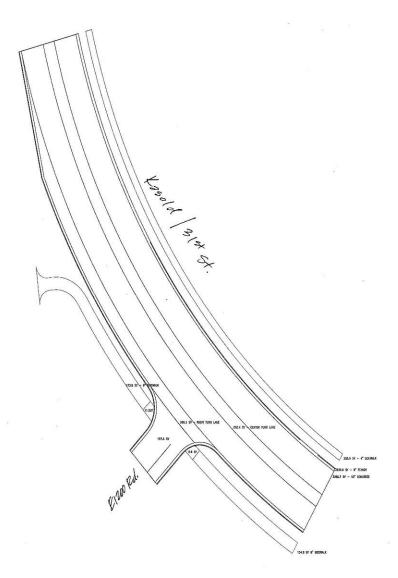
The City of Lawrence has annexed the southeast quadrant of the 31st & Kasold intersection. Proposed development includes a church and multi-family housing. Auxiliary turn lanes on 31st Street and Kasold seem appropriate given such a development. Chuck Soules, Lawrence Public Works Director, indicated the proposed development is not driving the need for turn lanes. Rather, turn lanes on 31st Street at E 1200 Road are warranted given current traffic.

The City of Lawrence has also annexed the entire right-of-way width for E 1200 Road from 31st Street to approximately 100 feet north of the bridge over Yankee Tank Creek. This is approximately 820' north of K-10.

There is precedent for Douglas County partially funding improvements on 31st Street and Kasold Drive. Douglas County participated with the City and KDOT to construct existing 31st Street between the north end of the Kasold curve and Iowa Street (US-59) in the 1980's. Douglas County also participated with the City to construct Clinton Parkway in the late 1970's. Further, Douglas County participated with the City and KTA to replace the Kasold (Route 438) bridge over I-70, which included approach roadway improvements. There is also precedent of Douglas County funding road improvements within the other cities in the county. However, those improvements are on Douglas County routes that travel through those cities.

Given the issues with E 1200 Road cited above, I cannot recommend granting the City's request for funding assistance for improvements at 31st & Kasold.

Action Required: Discuss and consider a City of Lawrence request for funding assistance in the amount of \$277,715 for improvements at 31st Street and Kasold Drive.



Concrete Pavement & Curb & Gutter

The overall quantity of 3365.7 SY for 10" NRDJ along Kasold & 197.4 SY for E 1200 Road at \$60/SY equates to a cost of \$213,786. (The right turn lane by itself has 366.1 SY of concrete pavement, which equates to \$21,966. This cost is included in the overall quantity. The center turn lane by itself has 560.4 SW of concrete pavement, which equates to \$33,624. This cost is included in the overall quantity.)

In terms of Curb & Gutter, there is approximately 1,059 LF of curb & gutter, and at \$18/LF, this equates to a cost of \$19,062.

Fly Ash Treated Subgrade

There is 3636.0 SY of 9" Fly Ash Treated Subgrade in the intersection area and at \$5.00/SY, this equates to \$18,180

Sidewalk/Recreation Trail

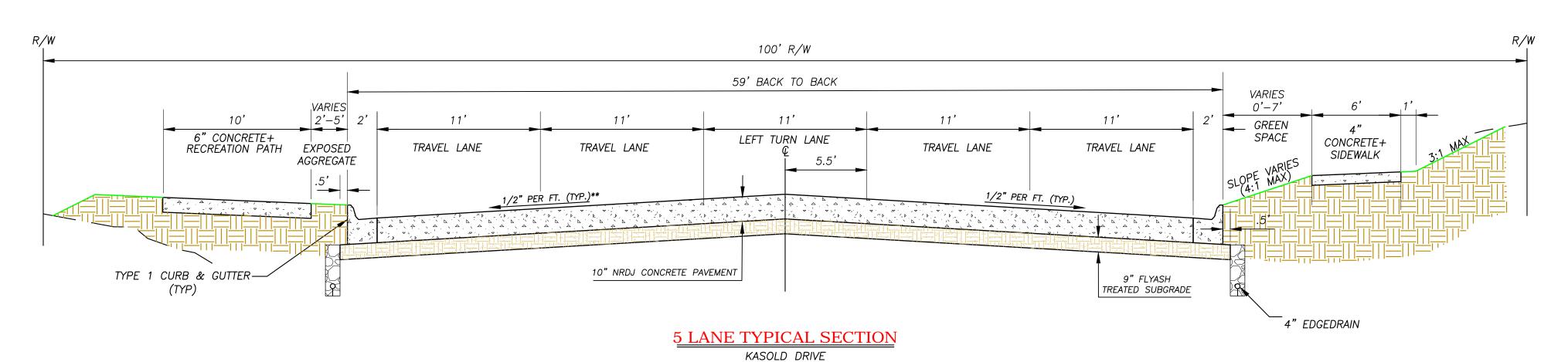
There is 285.0 SY of 4" concrete sidewalk (W=6') at \$35/SY equates to \$9,975.

For the recreation trail, there are 308.6 SY at \$40/SY, which equates to \$12,344.

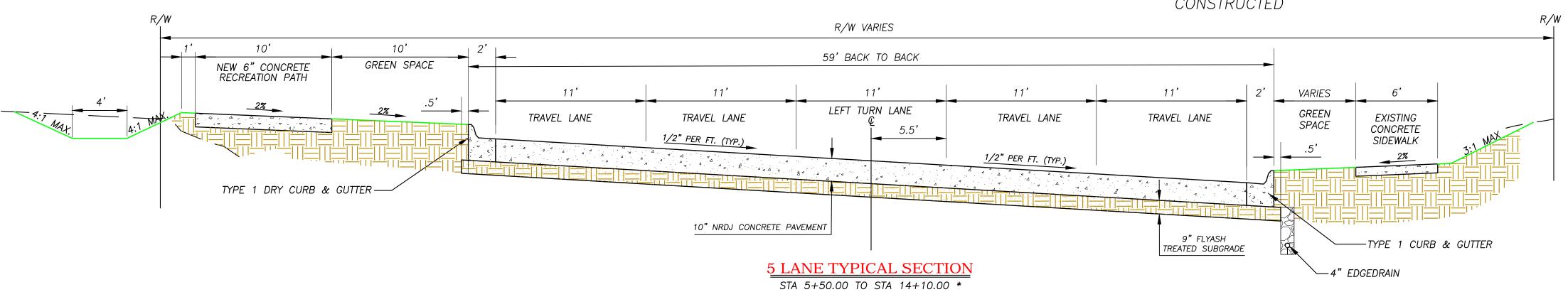
At the intersection of E 1200 Road and Kasold, there are two sidewalk ramps equally 20.8 SY, and at \$210/SY, this equates to \$4,368.

 STATE
 PROJECT NO.
 CITY NO.
 YEAR
 SHEET NO.
 TOTAL SHEETS

 KANSAS
 023-U-2231-01
 PW0903
 2009
 4
 70



- ** STA 37+00.00 TO STA 43+25.00 -1/4" PER FT. STA 50+50.00 TO STA 55+00.00 -1/4" PER FT.
- + SEE PLANS FOR LOCATIONS WHERE NEW SIDEWALK AND RECREATION PATH SHALL BE CONSTRUCTED



* STA 2+90.00 TO STA 5+50.00 TRANSITION FROM -1.79% TO +1/2" PER FT., LT. SIDE STA 14+10.00 TO STA 16+60.00 TRANSITION FROM +1/2" PER FT. TO -1/2" PER FOOT (NORMAL CROWN), LT. SIDE

