

Stewardship Work Plan

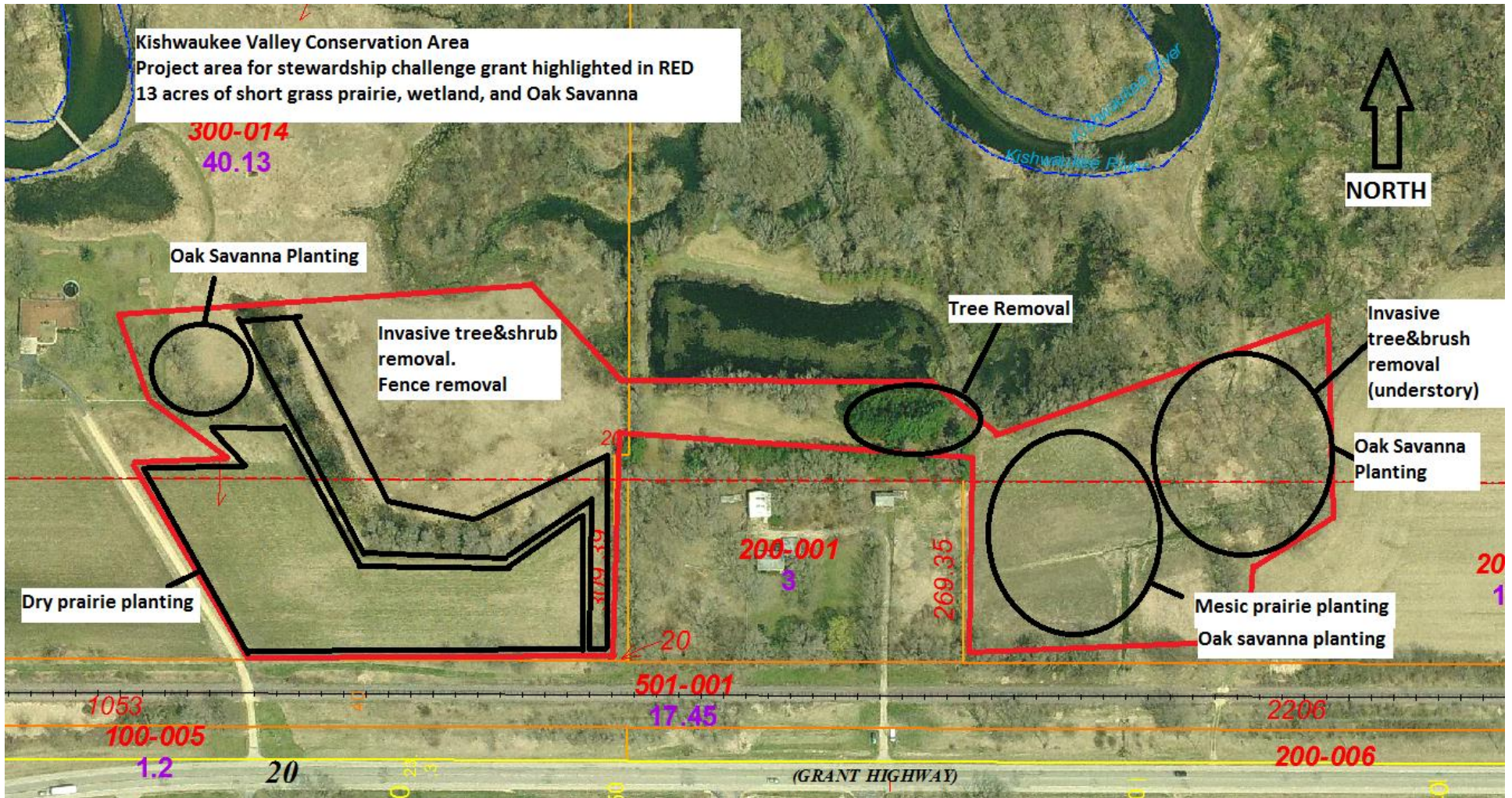
The following tasks are planned for this stewardship challenge grant project:

- 1) June – October 2015:
 - a) Fence Removal (October 2015) (**Volunteers**)
 - b) Native Seed Harvest, Cleaning, and Mixing (June – October) (**Volunteers**)

- 2) November 2015 – February 2016:
 - a) Tree and Brush Removal (**Hired Contractor**)
 - b) Seedbed Preparation (**Volunteers**)
 - c) Frost Seeding of native grasses and forbes (**Volunteers**)

- 3) May – September 2016:
 - a) Address invasive species re-sprouts (May – August) (**Volunteers**)
 - b) Mowing weeds (May – August) (**Volunteers**)

This list of tasks is linked to the stewardship project map attached below. Please review the tasks listed here in conjunction with the map.



This map outlines the various tasks that will occur to complete the 2015 Stewardship Challenge Grant. The Captions identify specific project work.

List of Species Planned for this Project
Forbs/shrubs/vines:

Genus/species	Common Name	Amt	# Seeds	Cost	Volunteer Contribution
<i>Agalinis tenuifolia</i>	Purple False Foxglove	1/2 oz	400,000	\$35.00	
<i>Agastache scrophulariaefolia</i>	Purple Giant Hyssop	1 oz	93,000	\$26.00	
<i>Agoseris cuspidata</i>	Prairie Dandelion	4 oz	32,000	\$320.00	
<i>Allium stellatum</i>	Prairie Onion	6 oz	66,000	\$90.00	
<i>Amorpha canescens</i>	Leadplant	1 lb 8 oz	384,000	\$345.00	
<i>Anemone cylindrica</i>	Thimbleweed	9 oz	234,000		\$360.00
<i>Anemone patens wolfgangia</i>	Pasque Flower	2 oz	36,000	\$100.00	
<i>Antennaria neglecta</i>	Cat's Foot	1/4 oz	68,750	\$55.00	
<i>Apocynum cannabinum</i>	Dogbane	1 oz	20,000		\$20.00
<i>Aquilegia canadensis</i>	Wild Columbine	2 oz	76,000	\$60.00	
<i>Artemisia caudata</i>	Beach Wormwood	1 1/2 oz	375,000		\$16.50
<i>Asclepias hirtella</i>	Tall Green Milkweed	4 oz	17,200	\$320.00	
<i>Asclepias incarnata</i>	Swamp Milkweed	6 oz	28,800		\$72.00
<i>Asclepias sullivantii</i>	Prairie Milkweed	2 oz	9,000	\$80.00	
<i>Asclepias syriaca</i>	Common Milkweed	6 oz	24,000		\$48.00
<i>Asclepias tuberosa</i>	Butterfly Weed	12 oz	51,600	\$360.00	
<i>Asclepias viridiflora</i>	Short Green Milkweed	2 oz	7,200	\$284.00	
<i>Asclepias verticillata</i>	Whorled Milkweed	6 oz	66,000		\$180.00
<i>Aster azureus</i>	Sky Blue Aster	6 oz	480,000	\$120.00	
<i>Aster ericoides</i>	Heath Aster	6 oz	1,200,000		\$300.00
<i>Aster laevis</i>	Smooth Blue Aster	8 oz	440,000		\$120.00
<i>Aster novae angliae</i>	New England Aster	6 oz	396,000		\$120.00
<i>Aster oblongifolius</i>	Aromatic Aster	6 oz	306,000	\$180.00	
<i>Aster ptarmicoides</i>	Stiff Aster	3 oz	192,000	\$75.00	
<i>Aster sericeus</i>	Silky Aster	6 oz	156,000	\$240.00	
<i>Astragalus canadensis</i>	Canada Milk Vetch	1 lb	272,000	\$90.00	
<i>Baptisia australis</i>	Blue Wild Indigo	2 lbs	48,000	\$240.00	

<i>Baptisia bracteata</i>	Cream Wild Indigo	3 oz	4,200	\$150.00	
<i>Baptisia leucantha</i>	White Wild Indigo	2 lbs	54,400	\$300.00	
<i>Blephilia ciliata</i>	Ohio Horse Mint	6 oz	2,400,000		\$480.00
<i>Cacalia atriplicifolia</i>	Pale Indian Plantain	1 lb 8 oz	144,000		\$230.00
<i>Callirhoe triangulata</i>	Clustered Poppy Mallow	3 oz	12,000	\$180.00	
<i>Camassia scilloides</i>	Wild Hyacinth	8 oz	32,000	\$120.00	
<i>Campanula rotundifolia</i>	Harebell	1/2 oz	450,000		\$1,125.00
<i>Cassia fasciculata</i>	Partridge Pea	4 lbs	172,800	\$120.00	
<i>Cassia hebecarpa</i>	Wild Senna	2 lbs	44,800		\$240.00
<i>Castilleja coccinea</i>	Indian Paintbrush	1 1/2 oz	450,000	\$305.00	
<i>Castilleja sessiliflora</i>	Downy Painted Cup	4 oz	800,000	\$200.00	
<i>Ceanothus americanus</i>	New Jersey Tea	5 oz	38,000	\$125.00	
<i>Ceanothus ovatus</i>	Red Root	4 oz	40,000	\$200.00	
<i>Celastrus scandens</i>	Climbing Bittersweet	4 oz	7,200		\$80.00
<i>Chrysopsis camporum</i>	Golden Aster	11 oz	209,000		\$440.00
<i>Cirsium discolor</i>	Pasture Thistle	1 oz	6,400		\$40.00
<i>Coreopsis lanceolata</i>	Sand Coreopsis	2 lbs	640,000	\$150.00	
<i>Coreopsis palmata</i>	Prairie Coreopsis	10 oz	100,000		\$400.00
<i>Coreopsis tripteris</i>	Tall Coreopsis	2 oz	28,000		\$40.00
<i>Corydalis sempervirens</i>	Pale Corydalis	1 oz	55,000	\$120.00	
<i>Dalea candida</i>	White Prairie Clover	2 lbs	608,000	\$90.00	
<i>Dalea foliosa</i>	Leafy Prairie Clover	1 lb	240,000	\$375.00	
<i>Dalea purpurea</i>	Purple Prairie Clover	3 lbs	720,000	\$135.00	
<i>Desmanthus illinoensis</i>	Illinois Bundleflower	1 lb	67,200		\$30.00
<i>Desmodium canadense</i>	Showy Tick Trefoil	2 lbs	176,000		\$360.00
<i>Desmodium illinoense</i>	Illinois Tick Trefoil	2 lbs	137,600		\$360.00
<i>Dodecatheon meadia</i>	Shooting Star	10 oz	600,000		\$800.00
<i>Echinacea pallida</i>	Pale Purple Coneflower	2 lbs	166,400	\$360.00	
<i>Echinacea purpurea</i>	Purple Coneflower	2 lbs	211,200	\$60.00	
<i>Eryngium yuccifolium</i>	Rattlesnake Master	1 lb	120,000	\$90.00	
<i>Euphorbia corollata</i>	Flowering Spurge	1 oz	8,000	\$60.00	
<i>Galium boreale</i>	Northern Bedstraw	1 oz	70,000		\$60.00

<i>Gentiana flavida</i>	Cream Gentian	1 lb	2,240,000		\$192.00
<i>Gentiana puberulenta</i>	Prairie Gentian				
<i>Gentiana quinquefolia</i>	Stiff Gentian	1 oz	180,000	\$80.00	
<i>Gnaphalium obtusifolium</i>	Old-field Balsam	1 oz	500,000		\$40.00
<i>Geum triflorum</i>	Prairie Smoke	1 oz	27,000	\$150.00	
<i>Helianthus mollis</i>	Downy Sunflower	4 oz	28,000		\$120.00
<i>Helianthus occidentalis</i>	Western Sunflower	6 oz	84,000	\$240.00	
<i>Heliopsis helianthoides</i>	False Sunflower	1 lb	100,800	\$45.00	
<i>Heuchera richardsonii</i>	Prairie Alum Root	2 oz	1,400,000	\$100.00	
<i>Hieracium canadense</i>					
<i>fasciculatum</i>	Canada Hawkweed	1 oz	90,000		\$40.00
<i>Hieracium longipilum</i>	Long-bearded Hawkweed	3 oz	270,000		\$120.00
	Round-fruited St. John's Wort	1 oz	34,000	\$60.00	
<i>Hypericum sphaerocarpum</i>	Yellow Star Grass	1 oz	80,000		\$2,000.00
<i>Hypoxis hirsuta</i>					
<i>Kuhnia eupatorioides</i>					
<i>corymbulosa</i>	False Boneset	4 oz	128,000		\$40.00
<i>Lathyrus venosus</i>	Veiny Pea	2 oz	1,540	\$120.00	\$20.00
<i>Lespedeza capitata</i>	Round Headed Bush Clover	6 oz	48,000	\$72.00	
<i>Lespedeza virginica</i>	Slender Bush Clover	3 oz	30,000	\$36.00	
<i>Liatris aspera</i>	Rough Blazing Star	6 oz	96,000	\$120.00	
<i>Liatris cylindracea</i>	Dwarf Blazing Star	3 oz	42,000	\$90.00	
<i>Liatris pycnostachya</i>	Prairie Blazing Star	3 oz	33,000		\$45.00
<i>Lobelia inflata</i>	Indian Tobacco	1/2 oz	250,000	\$45.00	
<i>Lobelia spicata</i>	Pale-spiked Lobelia	1/2 oz	450,000	\$45.00	
<i>Lupinus perennis</i>	Wild Lupine	20 lbs	352,000		\$6,000.00
<i>Monarda fistulosa</i>	Wild Bergamot	1 oz	70,000		\$15.00
<i>Oenothera biennis</i>	Common Evening Primrose	1 oz	90,000		\$6.00
<i>Onosmodium hispidissimum</i>	Marbleseed	3 oz	4,500		\$30.00
<i>Opuntia humifusa</i>	Eastern Prickly Pear	8 oz	11,200		\$200.00
<i>Orbexilum onobrychis</i>					
(<i>psoralea</i>)	French Grass	2 oz	2,400	\$50.00	\$160.00
<i>Oxalis violacea</i>	Violet Wood Sorrell	15 pkts	1,500	\$37.50	

<i>Parthenium integrifolium</i>	Wild Quinine	8 oz	56,000	\$80.00	
<i>Pedicularis canadensis</i>	Wood Betony	2 oz	66,000	\$120.00	
<i>Penstemon digitalis</i>	Foxglove Beard Tongue	2 oz	260,000	\$12.00	
<i>Penstemon grandiflorus</i>	Large-flowered Beardtongue	8 oz	112,000	\$120.00	
<i>Penstemon hirsutus</i>	Hairy Beard Tongue	2 oz	496,000	\$50.00	
<i>Penstemon pallidus</i>	Pale Beard Tongue	2 oz	360,000	\$100.00	
<i>Phlox pilosa</i>	Prairie Phlox	1 oz	19,000	\$140.00	
<i>Potentilla arguta</i>	Prairie Cinquefoil	2 oz	460,000		\$16.00
<i>Prenanthes racemosa</i>	Rattlesnake Root	2 oz	40,000	\$80.00	
<i>Psoralea tenuiflora</i>	Scurfy Pea	2 oz	2,000	\$100.00	
<i>Pycnanthemum tenuifolium</i>	Slender Mountain Mint	1/2 oz	189,000	\$19.50	
<i>Ranunculus fascicularis</i>	Early Buttercup	2 oz	20,000		\$667.00
<i>Ratibida pinnata</i>	Yellow Coneflower	2 oz	60,000		\$10.00
<i>Rosa arkansana</i>	Prairie Wild Rose	2 oz	5,000	\$50.00	
<i>Rosa blanda</i>	Early Wild Rose	4 oz	10,400		\$80.00
<i>Rosa carolina</i>	Pasture Rose	6 oz	15,000		\$180.00
<i>Rosa setigera</i>	Illinois Rose	4 oz	15,200	\$120.00	
<i>Rudbeckia subtomentosa</i>	Sweet Black-eyed Susan	2 1/2 oz	107,500		\$21.20
<i>Rudbeckia triloba</i>	Brown-eyed Susan	2 oz	68,000		\$12.00
<i>Ruellia humilis</i>	Wild Petunia	8 oz	41,600	\$240.00	
<i>Scutellaria incana</i>	Hoary Skullcap	1 oz	17,000	\$90.00	
<i>Senecio plattensis</i>	Prairie Ragwort	3 oz	300,000		\$360.00
<i>Silene regia</i>	Royal Catchfly	6 oz	138,000	\$300.00	
<i>Silene stellata</i>	Starry Campion	4 oz	120,000		\$240.00
<i>Silphium integrifolium</i>	Rosin Weed	8 oz	9,600		\$64.00
<i>Silphium laciniatum</i>	Compass Plant	10 oz	6,600		\$80.00
<i>Silphium terebinthinaceum</i>	Prairie Dock	6 oz	6,000		\$120.00
<i>Sisyrinchium albidum</i>	Common Blue-eyed Grass	1 oz	20,000	\$150.00	
<i>Sisyrinchium campestre</i>	Prairie Blue-eyed Grass	4 oz	180,000	\$180.00	
<i>Solidago graminifolia</i>	Grass-leaved Goldenrod	1/4 oz	87,500		\$15.00
<i>Solidago rigida</i>	Stiff Goldenrod	2 oz	82,000		\$16.00
<i>Solidago speciosa</i>	Showy Goldenrod	2 oz	190,000		\$30.00

<i>Strophostyles helvula</i>	Trailing Wild Bean	3 oz	1,200	\$60.00	
<i>Tephrosia virginiana</i>	Goat's Rue	10 oz	20,000	\$250.00	
<i>Teucrium canadense</i>	Germander	2 oz	40,000		\$20.00
<i>Thalictrum dasycarpum</i>	Purple Meadow Rue	3 oz	33,000		\$45.00
<i>Thaspium trifoliatum</i>	Meadow Parsnip	4 oz	36,000	\$80.00	
<i>Tradescantia bracteata</i>	Prairie Spiderwort	8 oz	80,000	\$240.00	
<i>Tradescantia ohiensis</i>	Common Spiderwort	2 lbs	256,000	\$450.00	
<i>Triosteum perfoliatum</i>	Late Horse Gentian	10 oz	4,500		\$200.00
<i>Verbena stricta</i>	Hoary Vervain	8 oz	224,000		\$48.00
<i>Veronicastrum virginicum</i>	Culver's Root	1 oz	800,000		\$50.00
<i>Wulfenia bullii</i>	Kittentails	1 oz	80,000	\$200.00	
<i>Zizia aurea</i>	Golden Alexanders	2 lbs	352,000		\$180.00
	Heart-leaved Golden Alexanders	10 oz	120,000	\$150.00	
<i>Zizia aptera</i>	133 Forbs/shrubs/vines				
Graminoides:					
<i>Andropogon gerardii</i>	Big Bluestem	2 oz	20,000		\$6.00
<i>Andropogon scoparius</i>	Little Bluestem	16 lbs	3,840,000	\$352.00	
<i>Bouteloua curtipendula</i>	Sideoats Grama	30 lbs	2,880,000		\$540.00
<i>Bouteloua hirsuta</i>	Hairy Grama	1 oz	70,000	\$120.00	
<i>Bromus kalmii</i>	Prairie Brome	40 lbs	5,120,000		\$2,400.00
	Copper-shouldered Oval Sedge	2 lbs	544,000		\$640.00
<i>Carex bicknellii</i>	Plains Oval Sedge	2 lbs	928,000		\$300.00
<i>Carex brevior</i>	Long-awned Bracted Sedge	5 oz	60,000		\$300.00
<i>Carex gravida</i>	Field Oval Sedge	2 lbs	800,000		\$360.00
<i>Carex molesta</i>	Sand Bracted Sedge	3 oz	36,000	\$60.00	
<i>Carex muhlenbergii</i>	Slender Wheat Grass	20 lbs	2,208,000		\$200.00
<i>Elymus trachycaulus</i>	June Grass	10 oz	2,000,000	\$120.00	
<i>Koeleria cristata</i>	Scribner's Panic Grass	2 oz	18,000		\$200.00
<i>Panicum scribnerianum</i>	Switch Grass	5 oz	70,000		\$15.00
<i>Panicum virgatum</i>					

<i>Sorghastrum nutans</i>	Indian Grass	2 oz	24,000		\$6.00
<i>Spartina pectinata</i>	Cord Grass	2 lbs	211,200		\$240.00
<i>Sphenopholis obtusata</i>	Prairie Wedgegrass	4 oz	568,000	\$16.00	
<i>Sporobolus cryptandrus</i>	Sand Dropseed	4 oz	800,000	\$12.00	
<i>Sporobolus heterolepis</i>	Prairie Dropseed	2 lbs	512,000	\$240.00	
<i>Stipa spartea</i>	Porcupine Grass	2 lbs	21,760	\$240.00	
	20 graminoides				
			47,271,750		
Totals:	153 Species	204 lbs	seeds	\$11,992.00	\$22,610.70