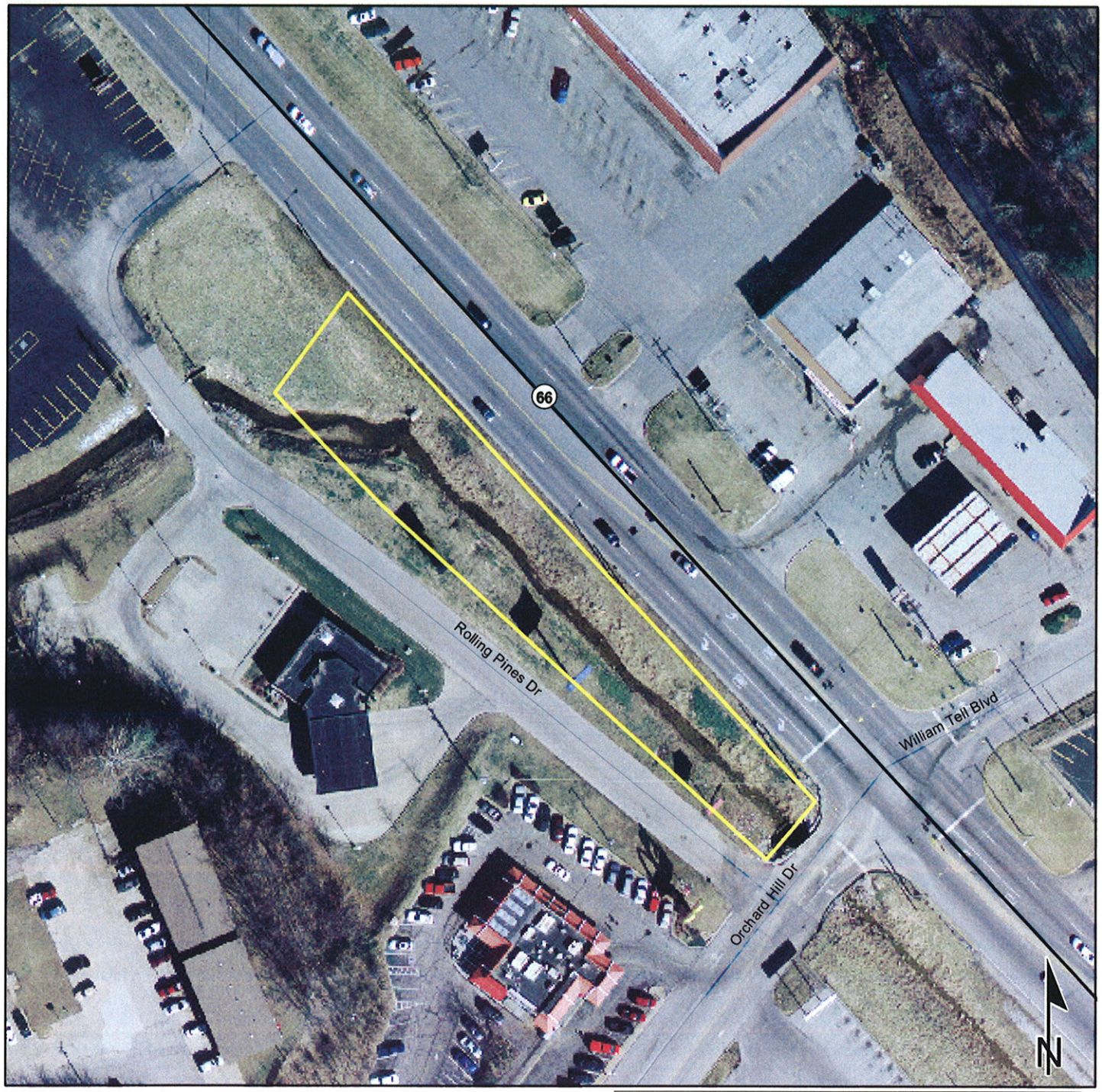
Offsite Mitigation Area
SR66, Perry County, Indiana
Des No. 9802480 Stream Restoration



Miles

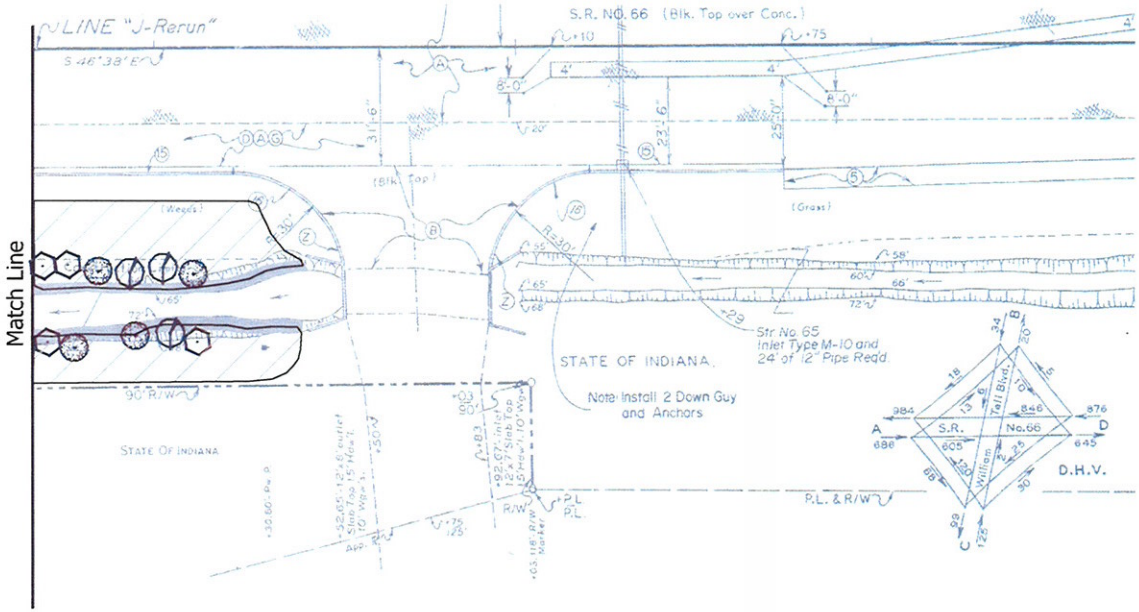
0.02 0.01 0 0.02

Scale 1:1,021

Sources: Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library
Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N Map Datum: NAD83

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

- NWI - Points
- NWI- Lines
- NWI Wetlands
- Section Town and Range
- County Boundary
- Soil Types
- Interstate
- State Route
- US Route
- Local Road



PLANT SCHEDULE

SHRUBS					
	SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE & CONDITION
	AM	4	*Aronia melanocarpa*	Black Chokeberry	36" Height
	CS	3	*Cornus sericea 'Kelseyi'*	Red-Osier Dogwood	24" Height
	HA	4	*Hydrangea arborescens*	Smooth Hydrangea	24" Height
	IV		*Ilex verticillata*	Common Winterberry	36" Height
	PV		*Prunus virginiana*	Chokecherry	36" Height
	SC		*Sambucus canadensis*	Common Elderberry	36" Height

= Dry Prairie Seed Mix

= Wet/Mesic Seed Mix

NOTE: Plant spacing is to be deteremined by location on plan sheets.

Wet/Mesic Seed Mix to be distributed from waters edge to three feet (3') up the bank.
Dry Prairie Mix to be distributed two feet (2') up from water's edge to proposed boundaries creating an overlap with the Wet/Mesic Mix.
Refer to Special Provisions for Seed Mixture details.

INDIANA
DEPARTMENT OF TRANSPORTATION

MITIGATION PLAN

SCALE	BRIDGE FILE
1"=30'	
	DESIGNATION
	98C2480
SURVEY BOOK	SHEETS
	1 OF 1
CONTRACT	PROJECT

PLANT SCHEDULE

SHRUBS					
	SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE & CONDITION
	AM	16	*Aronia melanocarpa*	Black Chokeberry	24" Height
	CS	15	*Cornus sericea 'Kelseyi'*	Red-Osier Dogwood	24" Height
	HA	20	*Hydrangea arborescens*	Smooth Hydrangea	24" Height
	IV	7	*Ilex verticillata*	Common Winterberry	36" Height
	PV	4	*Prunus virginiana*	Chokecherry	36" Height
	SC	8	*Sambucus canadensis*	Common Elderberry	36" Height

= Dry Prairie Seed Mix

= Wet/Mesic Seed Mix

NOTE: Plant spacing is to be deteremined by location on plan sheets.

Wet/Mesic Seed Mix to be distributed from waters edge to three feet (3') up the bank.
Dry Prairie Mix to be distributed two feet (2') up from water's edge to proposed boundaries creating an overlap with the Wet/Mesic Mix.
Refer to Special Provisions for Seed Mixture details.

INDIANA DEPARTMENT OF TRANSPORTATION	SCALE 1"=30'	BRIDGE FILE	
		DESIGNATION 9602480	
MITIGATION PLAN	SURVEY BOOK	SHEETS 1 of 1	
	CONTRACT	PROJECT	

SR 261 - 9802480

Stream Mitigation Plant List

Shrub List

Botanical Name	Common Name	Quantity
36" Shrubs		
Aronia melanocarpa	Black Chokeberry	10
Ilex verticillata	Common Winterberry	5
Prunus virginiana	Chokecherry	4
Sambucus canadensis	Common Elderberry	3
24" Shrubs		
Cornus sericea 'Kelseyi'	Red-Osier Dogwood	16
Hydrangea arborescens	Smooth Hydrangea	15
	Total	53

* Plant spacing according to plan sheets.

Wet/Mesic Seed Mix

Botanical Name	Common Name		PLS Ounces/Acre
Permanent Grasses:			
Andropogon gerardii	Big Bluestem		42.00
Calamagrostis canadensis	Bluejoint Grass		1.00
Carex frankii	Bristly Cattail Sedge		2.50
Carex lurida	Bottlebrush Sedge		2.00
Carex sparganioidex v. cephaloidea	Rough-Clustered Sedge		2.00
Elymus canadensis	Canada Wild Rye		16.00
Panicum virgatum	Switch Grass		1.50
Scirpus pendulus	Red Bulrush		0.25
Sorghastrum nutans	Indian Grass		6.00
Spartina pectinata	Prairie Cord Grass		2.00
	Total		**75.25**
Temporary Cover:			
Avena sativa	Common Oat		360.00
Lolium multiflorum	Annual Rye		120.00
	Total		**480.00**
Forbs:			
Aster novae-angliae	New England Aster		0.25
Baptisia lactea	White Wild Indigo		0.75
Chamaecrista fasciculata	Partridge Pea		6.00
Coreopsis tripteris	Tall Coreopsis		3.00
Desmodium illinoiense	Illinois Tick Trefoil		0.50
Eryngium yuccifolium	Rattlesnake Master		2.00

Filipendula rubra	Queen of the Prairie		0.25
Gentiana andrewsii	Bottle Gentian		0.25
Helenium autumnale	Sneezeweed		2.50
Helianthus grosseserratus	Saw-Tooth Sunflower		0.50
Lespedeza capitata	Round-Headed Bush Clover		1.50
Liatris spicata	Marsh Blazing Star		1.00
Monarda fistulosa	Wild Bergamot		0.75
Parthenium integrifolium	Wild Quinine		1.00
Physostegia virginiana	False Dragonhead		0.25
Pycnanthemum virginianum	Virginia Mountain Mint		1.00
Ratibida pinnata	Yellow Coneflower		3.50
Rudbeckia hirta	Black-Eyed Susan		2.50
Rudbeckia laciniata	Wild Golden Glow		1.00
Rudbeckia subtomentosa	Sweet Black-Eyed Susan		0.50
Silphium integrifolium	Rosin Weed		1.00
Silphium laciniatum	Compass Plant		2.00
Silphium perfoliatum	Cup Plant		3.00
Silphium terebinthinaceum	Prairie Dock		6.00
Solidago juncea	Early Goldenrod		0.25
Solidago rigida	Stiff Goldenrod		1.00
Solidago rugosa	Rough Goldenrod		0.25
Tradescantia ohioensis	Common Spiderwort		1.25
Vernonia spp.	Ironweed (Various Mix)		3.00
Veronicastrum virginianum	Culver's Root		0.25
Zizia aurea	Golden Alexanders		0.50
	Total		**47.50**

Prairie Seed Mix

Botanical Name	**Common Name**		**PLS Ounces/Acre**
Permanent Grasses:			
Andropogon gerardii	Big Bluestem		13.00
Bouteloua curtipendula	Side Oats Grama		14.00
Carex spp.	Prairie Sedge Mix		1.00
Elymus canadensis	Canada Wild Rye		22.00
Panicum virgatum	Switch Grass		2.50
Schizachyrium scoparium	Little Bluestem		22.00
Sorghastrum nutans	Indian Grass		28.00
	Total		**102.50**

Temporary Cover:			
Avena sativa	Common Oat		360.00
Lolium multiflorum	Annual Rye		120.00
	Total		**480.00**

Forbs:			
Aquilegia canadensis	Wild Columbine		0.50
Asclepias tuberosa	Butterfly Weed		1.50
Aster novae-angliae	New England Aster		1.50
Chamaecrista fasciculata	Partridge Pea		2.75

Coreopsis tripteris	Tall Coreopsis		1.50
Dalea purpurea	Purple Prairie Clover		2.00
Desmanthus illinoiensis	Illinois Sensitive Plant		1.50
Echinacea purpurea	Broad-Leaved Purple Coneflower		3.00
Eryngium yuccifolium	Rattlesnake Master		1.00
Heliopsis helianthoides	False Sunflower		0.25
Lespedeza capitata	Round-Headed Bush Clover		1.00
Liatris aspera	Rough Blazing Star		1.00
Monarda fistulosa	Wild Bergamot		0.75
Potentillia arguta	Prairie Cinquefoil		0.75
Pycnanthemum virginianum	Common Mountain Mint		0.50
Ratibida pinnata	Yellow Coneflower		2.50
Rudbeckia hirta	Black-Eyed Susan		2.00
Silphium terebinthinaceum	Prairie Dock		0.75
Vernonia spp.	Ironweed (Various Mix)		2.00
	Total		**26.75**