

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)PRP	MCDONOUGH	8	1
ILLINOIS			CONTRACT NO. 68H06	

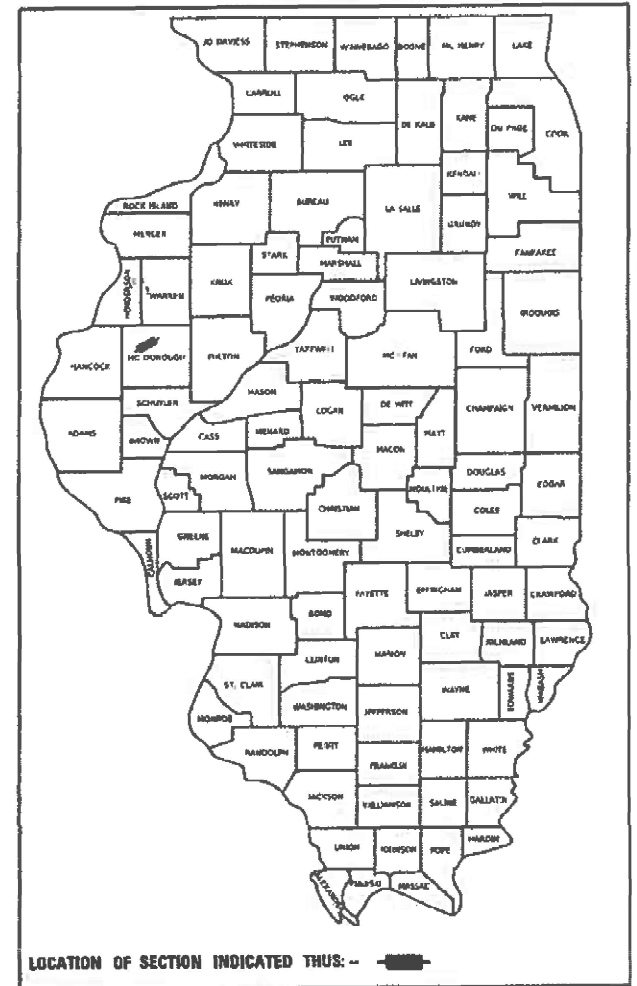
D-94-025-22

**PROPOSED
HIGHWAY PLANS**

**FAP ROUTE 407 (IL-336/L 110)
SECTION (55-3)PRP
PROJECT NHPP-TLXZ (894)
POLLINATOR HABIT RESTORATION
PRES AND REST
MCDONOUGH COUNTY**

C-94-040-22

PROJECT END



INDEX OF SHEETS

- 1 COVER SHEET
- 2-3 GENERAL NOTES
- 4 SUMMARY OF QUANTITIES
- 5-8 LOCATION MAP

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

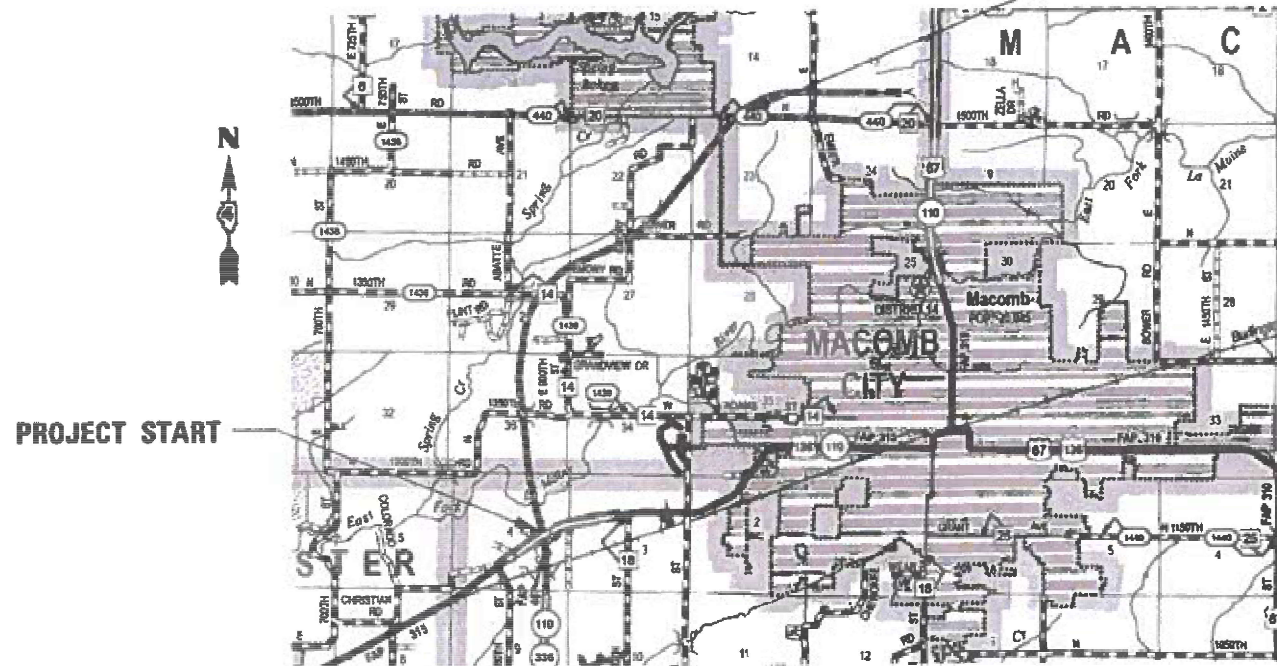
- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701901-08 TRAFFIC CONTROL DEVICES

**URBAN
HIGHWAY
FAP 407 (IL-336)**



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.L.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811



PROJECT START

**PROJECT ENGINEER: BEN TELLEFSON (309) 671-4477
PROJECT MANAGER: BRITTANY GAVIN (309) 671-4479
CATALOG NO. 036314-00D
CONTRACT NO. 68H06**

Mark C. Lee
MARK C. LEE
DATE 7/21/22
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS NO. 062-060864
LICENSE EXPIRES NOVEMBER 30, 2023

GROSS LENGTH = 26,400.00 FT. = 5.00 MILE
NET LENGTH = 26,400.00 FT. = 5.00 MILE

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Davenport, IA
Columbia, MO
Carbondale, IL
DESIGN FIRM NO. 184-2738

DESCRIPTION OF WORK
This job consists of wildflower seeding and weeding along Macomb NW Bypass (IL 336/IL 110) from US 136 to US 67 to restore and preserve pollinator habitats.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED April 1 2022
Ben Tellefson
REGIONAL ENGINEER
May 13, 2022
John A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT
May 13, 2022
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

GENERAL NOTES:

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
2. CONTRACTOR SHALL VERIFY SITE CONDITIONS AND INFORMATION ON DRAWINGS AND SHALL REPORT PROMPTLY ANY CONCEALED CONDITIONS, MISTAKES, DISCREPANCIES OR DEVIATIONS FROM THE INFORMATION SHOWN IN THE PLANS.
3. SECURE AND PAY FOR PERMITS, FEES, AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THIS WORK.
4. MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION
5. EXCESS AND WASTE MATERIAS SHALL BE DISPOSED OF OFF-SITE. PER BORROW/WASTE FORM BDE 2290.
6. PERFORM ALL WORK WITHIN THE PROPERTY LINE.
7. VERIFY THE LOCATION AND PROTECT UTILITIES AND STRUCTURES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO DIGGING.
8. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USEED IN CALCULATING PLAN QUANTITIES.

NON-SELECTIVE HERBICIDE MIXTURE - BROADCAST SPRAY APPLICATION #1			
PRODUCT	APPLICATION RATE		PAY ITEM
AQUANEAT	96.00	OUNCES/ACRE	WILDFLOWER SEEDING (SPECIAL)
DIQUAT SPC 2 L	32.00	OUNCES/ACRE	WILDFLOWER SEEDING (SPECIAL)
NONIONIC SURFACTANT	16.00	OUNCES/ACRE	WILDFLOWER SEEDING (SPECIAL)
BLUE SPRAY PATTERN INDICATOR	32.00	OUNCES/ACRE	WILDFLOWER SEEDING (SPECIAL)
WATER	30.00	GALLONS/ACRE MINIMUM	WILDFLOWER SEEDING (SPECIAL)

SEEDING OF BASIC PRAIRIE SEED MIX FOR DRY-MESIC SOILS (NON-SANDY SOILS)			
PRODUCT	APPLICATION RATE		PAY ITEM
SPECIFIED PLS SEED MIX	106.4	OUNCES/ACRE	WILDFLOWER SEEDING (SPECIAL)
REGREEN COVER CROP	20.00	LBS/ACRE	WILDFLOWER SEEDING (SPECIAL)
MYCHORIZZAL INOCULANT	40.00	LBS/ACRE	WILDFLOWER SEEDING (SPECIAL)
RHIZOBIAL INOCULANT	0.36	OUNCES/ACRE	WILDFLOWER SEEDING (SPECIAL)

FERTILIZER			
PRODUCT	APPLICATION RATE		PAY ITEM
FERTILIZER BLEND (5-1-5)	10.00	LBS/1,000SF	WILDFLOWER SEEDING (SPECIAL)
SULPHATE OF POTASH (0-0-50)	4.00	LBS/1,000SF	WILDFLOWER SEEDING (SPECIAL)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT FOUR
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT FOUR

SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

START & END DATES
OF CONSTRUCTION: _____

DATE: _____

INSPECTORS: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: NONE SHEET OF SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)PRP	McDONOUGH	8	2
			CONTRACT NO. 68H06	
		ILLINOIS	FED. AID PROJECT	

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 206, McAllister Drive Danvers, IL, Columbus, IL

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PLOT SCALE = 2.0000' / in.	CHECKED - MCL	REVISED -
PLOT DATE = 3/23/2022	DATE - 2/15/2022	REVISED -

POLLINATOR SEED MIX PER ACRE

6.65 LBS PER ACRE / 172 SEEDS PER SQ/FT
% BY WEIGHT PER ACRE

WILDFLOWERS	
BOTANICAL NAME (COMMON NAME)	% BY WT.
AGASTACHE FOENICULUM (ANISE HYSSOP)	0.95
ALLIUM CERNUUM (NODDING ONION)	0.95
ASCLEPIAS INCARNATA (ROSE MILKWEED)	1.89
ASCLEPIAS SULLIVANTII (PRAIRIE MILKWEED)	1.42
ASCLEPIAS SYRIACA (COMMON MILKWEED)	1.89
ASCLEPIAS TUBEROSA (BUTTERFLY WEED)	0.95
BAPTISIA ALBA (WHITE WILD INDIGO)	0.47
CHAMAECRISTA FASCICULATA (PARTRIDGE PEA)	4.74
COREOPSIS LANCEOLATA (LANCE-LEAF COREOPSIS)	2.84
DALEA PURPUREA (PURPLE PRAIRIE CLOVER)	2.84
ECHINACEA PALLIDA (PALE PURPLE CONEFLOWER)	2.84
ECHINACEA PURPUREA (PURPLE CONEFLOWER)	1.89
ERYNGIUM YUCCIFOLIUM (RATTLESNAKE MASTER)	1.89
GAURA LONGIFLORA (LARGE-FLOWERED GAURA)	0.47
HELIANTHUS PAUCIFLORUS (SHOWY SUNFLOWER)	0.24
HYPERICUM PUNCTATUM (DOTTED ST. JOHN'S WORT)	0.95
LESPEDEZA CAPITATA (ROUND-HEADED BUSH CLOVER)	0.47
LIATRIS LIGULISTYLIS (MEADOW BLAZING STAR)	1.89
LIATRIS PYCNOSTACHYA (PRAIRIE BLAZING STAR)	1.89
LOBELIA SIPHILITICA (GREAT BLUE LOBELIA)	0.95
MONARDA FISTULOSA (WILD BERGAMOT)	0.47
OLIGONEURON RIGIDUM (STIFF GOLDENROD)	0.95
PARTHENIUM INTEGRIFOLIUM (WILD QUININE)	0.24
PENSTEMON DIGITALIS (FOXGLOVE BEARDTONGUE)	0.95
PYCNANTHEMUM VERTICILLATUM VAR. PILOSUM (HAIRY MOUNTAIN MINT)	0.5
PYCNANTHEMUM VIRGINIANUM (MOUNTAIN MINT)	1.01
RATIBIDA PINNATA (YELLOW CONEFLOWER)	0.47
RUDBECKIA HIRTA (BLACK-EYED SUSAN)	5.68
RUDBECKIA TRILOBA (BROWN-EYED SUSAN)	0.24
SCROPHULARIA LANCEOLATA (EARLY FIGWORT)	0.6
SENNA HEBECARPA (WILD SENNA)	1.01
SOLIDAGO JUNCEA (EARLY GOLDENROD)	0.47
SOLIDAGO SPECIOSA (SHOWY GOLDENROD)	0.47
SYMPHYOTRICHUM LAEVE (SMOOTH BLUE ASTER)	1.42
TRADESCANTIA OHIENSIS (OHIO SPIDERWORT)	2.84
VERBENA HASTATA (BLUE VERVAIN)	0.95
VERONICASTRUM VIRGINICUM (CULVER'S ROOT)	0.47
ZIZIA AUREA (GOLDEN ALEXANDERS)	2.84
TOTAL OF WILDFLOWERS:	54.05%

TREES, SHRUBS, & VINES	
BOTANICAL NAME (COMMON NAME)	% BY WT.
AMORPHA CANESCENS (LEAD PLANT)	0.95
CEANOTHUS AMERICANUS (NEW JERSEY TEA)	0.95
TOTALS OF TREES, SHRUBS, & VINES:	1.89%

GRASSES, SEDGES, & RUSHES	
BOTANICAL NAME (COMMON NAME)	% BY WT.
BOUTELOUA CURTIPENDULA (SIDE-OATS GRAMA)	15.16
ELYMUS CANADENSIS (CANADA WILD RYE)	6.63
JUNCUS DUDLEYI (DUDLEY'S RUSH)	0.95
KOELERIA MACRANTHA (JUNE GRASS)	2.37
SCHYZACHYRIUM SCOPARIUM (LITTLE BLUESTEM)	15.16
SPOROBOLUS COMPOSITUS (ROUGH DROPSEED)	2.84
SPOROBOLUS HETEROLEPIS (PRAIRIE DROPSEED)	0.95
TOTALS OF GRASSES, SEDGES, & RUSHES:	44.06%

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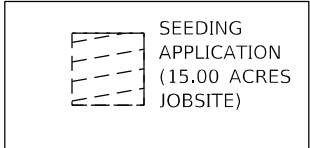
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: NONE SHEET OF SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)PRP	McDONOUGH	8	3
CONTRACT NO. 68H06				
ILLINOIS FED. AID PROJECT				

IL-336
 COUNTY: McDONOUGH
 TREATMENT PLAN



NOTE: WILD FLOWER SEEDING (SPL) shall be placed approximately 50' north and west of IL 336. The SB bare graded lane will be seeded at a 25' width the entire 5 mile length of the project.

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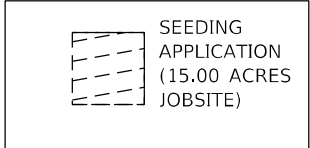
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PLOT DATE = 4/1/2022	DATE - 2/15/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP				
SCALE: NONE	SHEET	OF	SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)PRP	McDONOUGH	8	5
CONTRACT NO. 68H06				
ILLINOIS FED. AID PROJECT				

IL-336
 COUNTY: McDONOUGH
 TREATMENT PLAN



NOTE: WILD FLOWER SEEDING (SPL) shall be placed approximately 50' north and west of IL 336. The SB bare graded lane will be seeded at a 25' width the entire 5 mile length of the project.

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
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PLOT DATE = 4/1/2022	DATE - 2/15/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP			
SCALE: NONE	SHEET	OF SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE. 407	SECTION (55-3)PRP	COUNTY McDONOUGH	TOTAL SHEETS 8	SHEET NO. 6
CONTRACT NO. 68H06				
ILLINOIS FED. AID PROJECT				

IL-336
 COUNTY: McDONOUGH
 TREATMENT PLAN

	SEEDING APPLICATION (15.00 ACRES JOBSITE)
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NOTE: WILD FLOWER SEEDING (SPL) shall be placed approximately 50' north and west of IL 336. The SB bare graded lane will be seeded at a 25' width the entire 5 mile length of the project.

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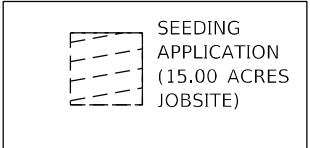
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

SCALE: NONE SHEET OF SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)PRP	McDONOUGH	8	7
CONTRACT NO. 68H06				
ILLINOIS FED. AID PROJECT				

IL-336
 COUNTY: McDONOUGH
 TREATMENT PLAN



NOTE:
 WILD FLOWER SEEDING (SPL) shall be placed approximately 50' north and west of IL 336. The SB bare graded lane will be seeded at a 25' width the entire 5 mile length of the project.

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PLOT DATE = 4/1/2022	DATE - 2/15/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP			
SCALE: NONE	SHEET	OF SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)PRP	McDONOUGH	8	8
CONTRACT NO. 68H06				
ILLINOIS FED. AID PROJECT				