

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

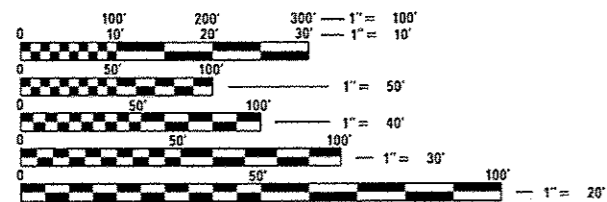
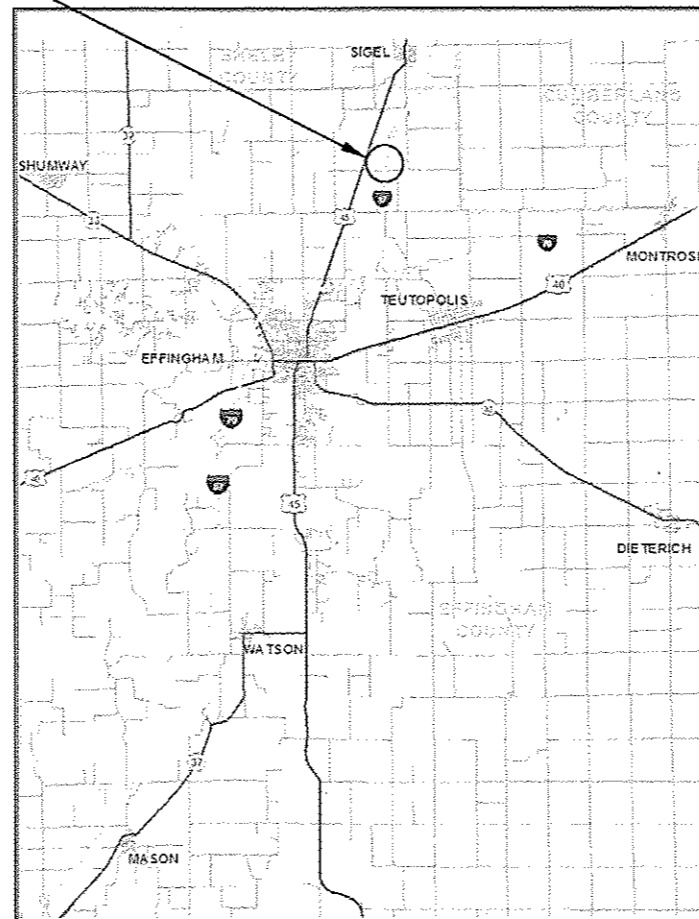
FAI 57 (I-57)
SECTION D7 ASH BORER CONTROL 2017

TREE REMOVAL
EFFINGHAM COUNTY

C-97-007-17

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATION:
NB I-57 FROM M.P. 166 TO M.P. 168
& NB GREENCREEK REST AREA



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.

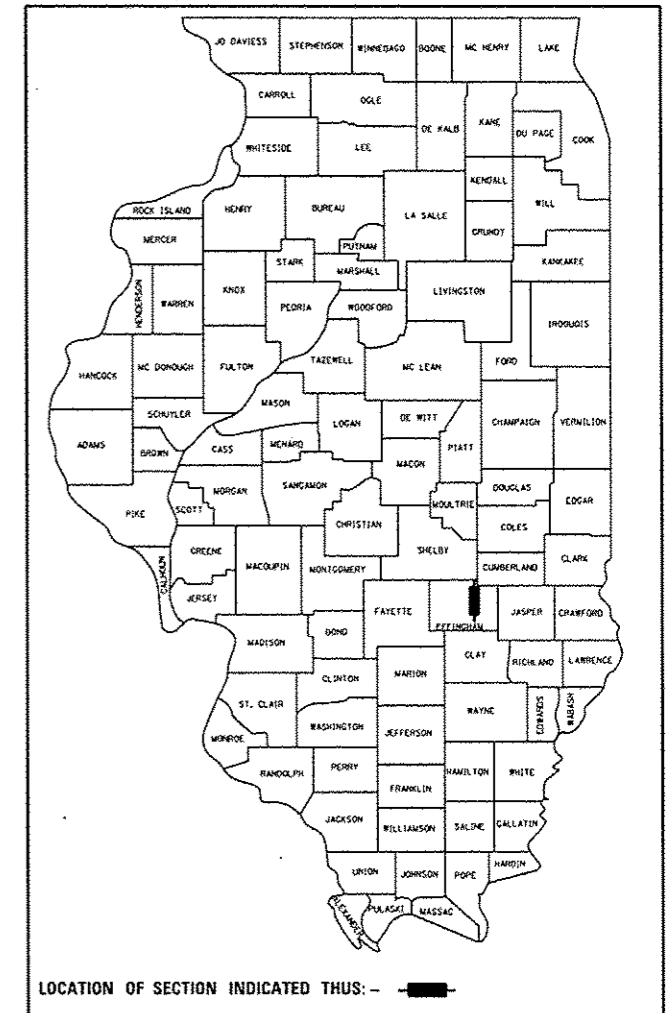
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: TOM RONAN
PHONE: (217) 342-8320
CONTRACT NO. 74782

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		EFFINGHAM	5	1
		ILLINOIS	CONTRACT NO. 74782	

*07 ASH BORER CONTROL 2017

D-97-005-17



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 20, 2016
Jeffrey M. South
REGIONAL ENGINEER

Dec 9 2016
Maureen M. Addis
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9 2016
Annelle
DIRECTOR OF PROGRAM DEVELOPMENT

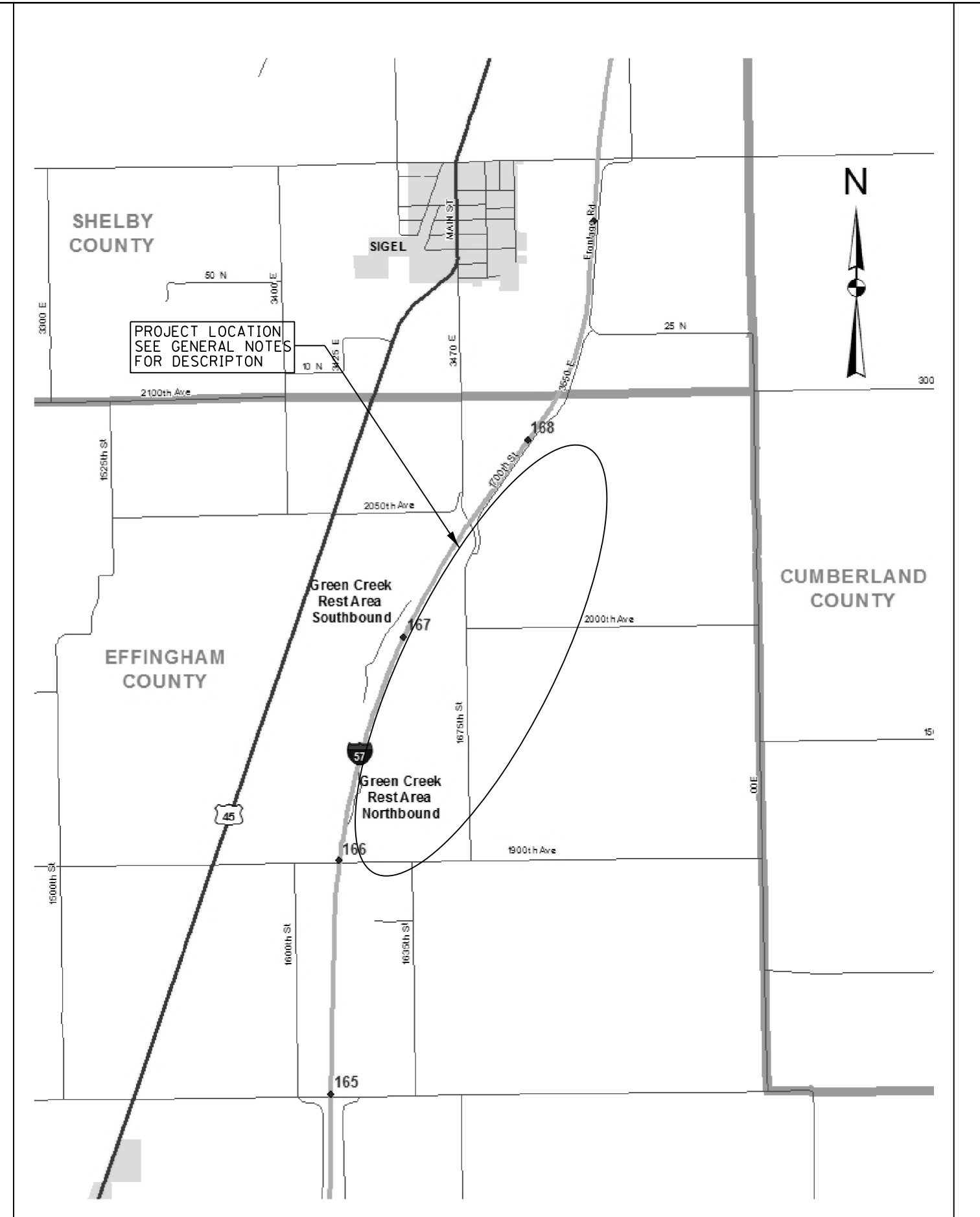
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TREE PLANTING SCHEDULE - EFFINGHAM COUNTY

TYPE	UNIT	QUANTITY
TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	10
TREE, ACER SACCHARUM (SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	10
TREE, CERCIS CANADENSIS (EASTERN REDBUD), 2" CALIPER, BALLED AND BURLAPPED	EACH	10
TOTAL		30

TREE REMOVAL SCHEDULE - EFFINGHAM COUNTY

TYPE	UNIT	QUANTITY
TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	2383
TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	166
TOTAL		2549



FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/26/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

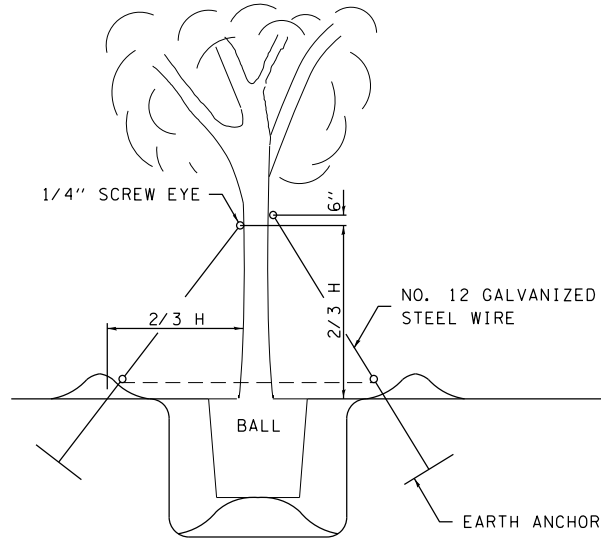
SCHEDULE OF QUANTITIES
& LOCATION MAP

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

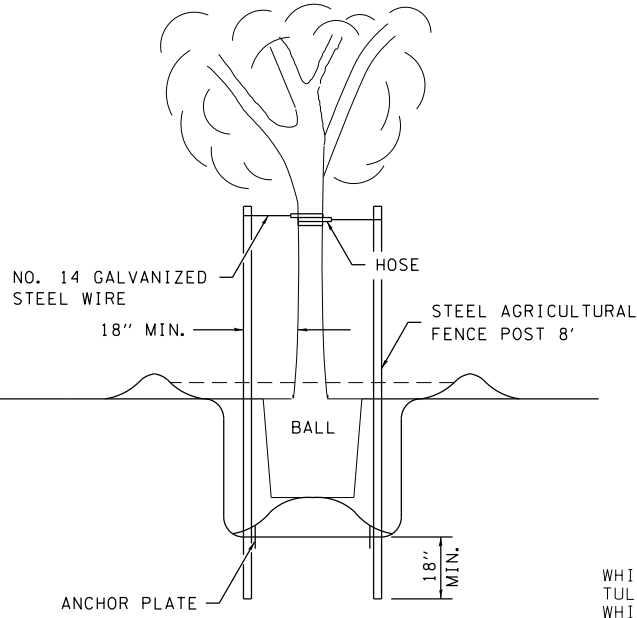
• D7 ASH BORER CONTROL 2017

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	•	EFFINGHAM	5	4
CONTRACT NO. 74782				
ILLINOIS FED. AID PROJECT				

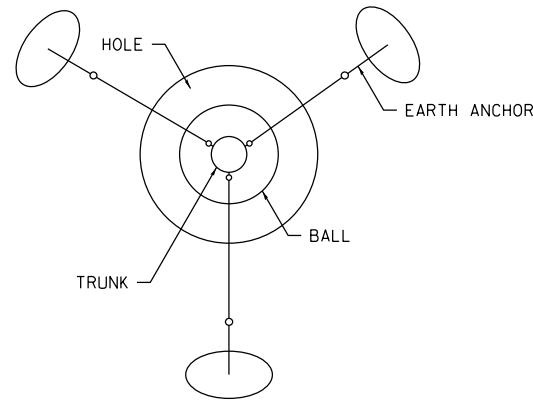
SEE SECTION 253 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR INFORMATION NOT SHOWN.



SECTION

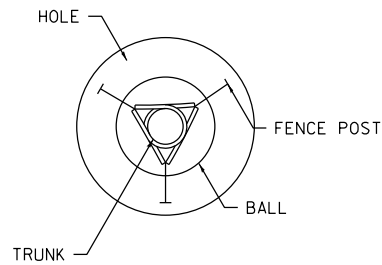


SECTION



PLAN

TREES OVER 4 1/2" IN CALIPER

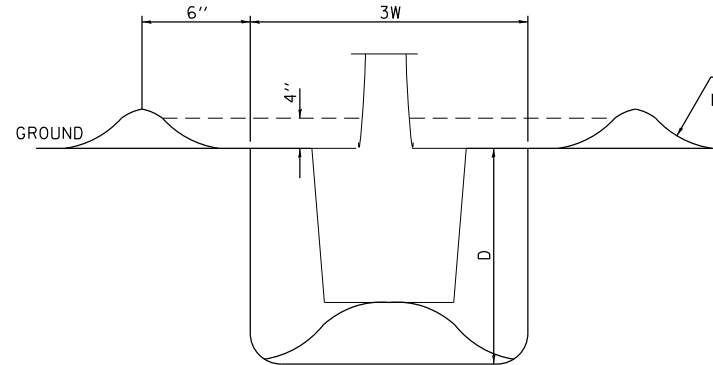


PLAN

TREES OVER 8' TALL AND 4 1/2" IN CALIPER AND ALL "A" & "D" CODED TREES.

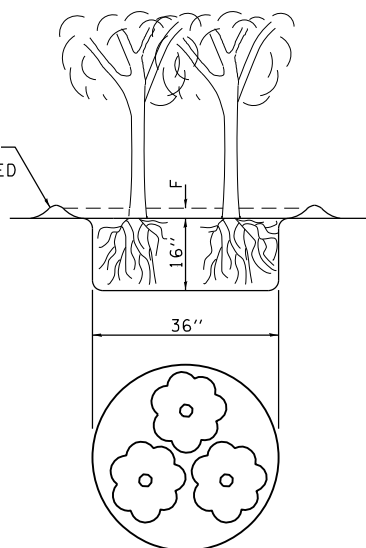
• OVER 4' TALL

BRACING DETAIL



SINGLE PLANT

PLANTING DETAIL MULCH AND WATER RING



GROUPED PLANTS

INFORMATION ONLY

COMMON NAME	LATIN NAME
WHITE PINE	Pinus strobus
TULIP POPLAR	Liriodendron tulipifera
WHITE OAK	Quercus alba
PIN OAK	Quercus palustris
RED OAK	Quercus rubra
SUGAR MAPLE	Acer saccharum
RED MAPLE	Acer Rubrum
SWEET GUM	Liquidambar styraciflua
DOGWOOD	cornus florida
ASH	Fraxinus americana (Sps.)
CRAB APPLE	Malus sps.
RIVER BIRCH	Betula nigra
WITCH HAZEL	Hamamelis virginiana
RED BUD	Cercis canadensis
BRADFORD PEAR	Pyrus calleryana bradford
SHAGBARK HICKORY	Carya ovata
PINK FLOWERING DOGWOOD	Cornus florida rubra
WHITE CRAB APPLE	Malus snowdrift
NORWAY SPRUCE	Picea abies
TALL HEDGE (SHRUB)	Rhamnus fragula "columnaris"

SPACE LIMITATIONS IN THE ABBREVIATED PAY ITEM DESCRIPTION PRECLUDED SHOWING THE SIZES, YEARS OF GROWTH, AND OTHER CHARACTERISTICS OF TREES, SHRUBS, EVERGREENS AND VINES. THEREFORE, THESE CHARACTERISTICS HAVE BEEN CODED AS SHOWN FOR EACH CATEGORY OF PLANTS.

AN EXAMPLE OF THE APPLICATION OF PREFIX AND CODE IS:

CODE NUMBER ITEM (long description - short description)
A1002008 ACER SACCHARINUM 08 - ACER SACCINUM 08

A - IN THE CODE NUMBER INDICATES THE PREFIX
08 - IN THE ITEM DESCRIPTION IS FOR THE SIZE OF TREE (IN THIS CASE 2 - 2 1/2 INCH DIAMETER)

SHADE TREES (PREFIX "A")		
CODE	SIZE INCH DIAMETER	
01	1 1/4 - 1 1/2	
02	1 1/4 - 1 1/2	BB
03	1 1/2 - 1 3/4	
04	1 1/2 - 1 3/4	BB
05	1 3/4 - 2	
06	1 3/4 - 2	BB
07	2 - 2 1/2	
08	2 - 2 1/2	BB
09	2 1/2 - 3	
10	2 1/2 - 3	BB
11	3 - 3 1/2	
12	3 - 3 1/2	BB
13	3 1/2 - 4	
14	3 1/2 - 4	BB
15	4 - 4 1/2	
16	4 - 4 1/2	BB
17	4 1/2 - 5	
18	4 1/2 - 5	BB
19	5 - 5 1/2	
20	5 - 5 1/2	BB
21	5 1/2 - 6	
22	5 1/2 - 6	BB
23	6 - 7	
24	6 - 7	BB

NOTES: SIZES ARE BARE ROOT EXCEPT WHEN FOLLOWED BY "BB" WHICH INDICATE BALL AND BURLAP.

EVERGREENS (PREFIX "D")		
CODE	SIZE HEIGHT IN FEET	
01	1 1/2 - 2	BB
02	2 - 2 1/2	BB
03	2 1/2 - 3	BB
04	3 - 3 1/2	BB
05	3 1/2 - 4	BB
06	4 - 5	BB
07	5 - 6	BB
08	6 - 7	BB
09	7 - 8	BB
10	8 - 9	BB

BB = BALL AND BURLAP OR IN POTS

VINES/GROUNDCOVERS (PREFIX "E")

CODE	SIZE	
01	1 YR. # 1	
02	1 YR. # 1	BB
03	2 YR. # 1	
04	2 YR. # 1	BB
05	3 YR. # 1	
06	3 YR. # 1	BB
07	4 YR. # 1	
08	4 YR. # 1	BB
09	5 YR. # 1	
10	5 YR. # 1	BB

BB = BALL AND BURLAP OR IN POTS

INTERMEDIATE TREES (PREFIX "B")

CODE	SIZE HEIGHT IN FEET	
01	1 1/2 - 2	BB
02	1 1/2 - 2	BB
03	2 - 3	BB
04	2 - 3	BB
05	3 - 4	BB
06	3 - 4	BB
07	4 - 5	BB
08	4 - 5	BB
09	5 - 6	BB
10	5 - 6	BB
11	6 - 7	BB
12	6 - 7	BB
13	7 - 8	BB
14	7 - 8	BB
15	8 - 9	BB
16	8 - 9	BB
17	9 - 10	BB
18	9 - 10	BB
19	10 - 12	BB
20	10 - 12	BB
21	12 - 14	BB
22	12 - 14	BB
23	14 - 16	BB
24	14 - 16	BB

NOTES: SIZES ARE BARE ROOT EXCEPT WHEN FOLLOWED BY "BB" WHICH INDICATE BALL AND BURLAP.

SEEDLING TREES (PREFIX "F")

CODE	SIZE YEARS OF GROWTH & TIMES TRANSPLANTED "T"	
01	1 YR.	
02	2 YR.	
03	3 YR. T	
04	2 YR. T	
05	2 - 3'	BR
06	3 - 4'	BR
07	4 - 6'	BR
08	6 - 8'	BR
09	12 - 18"	
10	18 - 24"	

BR = "WHIPS" OR "LINERS"

SEEDLING SHRUBS (PREFIX "G")

CODE	SIZE CROWN DIAMETER IN INCHES, YEARS OF GROWTH & TIMES TRANSPLANTED "T"
01	1/8 - 3/16
02	3/16 - 1/4
03	1/4 - 3/8
04	1 YR. T
05	1/2 - 3/4
06	2 YR. T

SHRUBS (PREFIX "C")

CODE	SIZE HEIGHT IN FEET	
01	1 1/2 - 2	
02	1 1/2 - 2	BB
03	2 - 3	
04	2 - 3	BB
05	3 - 4	
06	3 - 4	BB
07	4 - 5	
08	4 - 5	BB
09	5 - 6	
10	5 - 6	BB
11	6 - 7	
12	6 - 7	BB

NOTES: SIZES ARE BARE ROOT EXCEPT WHEN FOLLOWED BY "BB" WHICH INDICATE BALL AND BURLAP.

SEEDLING EVERGREENS (PREFIX "H")

CODE	SIZE YEARS OF GROWTH & TIMES TRANSPLANTED "T"
01	1 YR.
02	2 YR.
03	2 YR. T
04	3 YR.
05	3 YR. T

NOT TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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Default	PLOT DATE = 10/26/2016	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLANTING DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 2530000

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57		EFFINGHAM	5	5
D7 ASH BORER CONTROL 2017			CONTRACT NO. 74782	
ILLINOIS FED. AID PROJECT				