

ORDER OF SHEETS

Section No. 1	Title
Section No. 2	Typical Sections and Details (Includes Erosion Control Plans)
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 4	Right of Way Plat
Section No. 5	Plan and Profile
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
Section No. 8	Structure Plans
Section No. 9	Computer Earthwork Data
Section No. 9	Gross Sections

TOTAL SHEETS =20



DESIGN DESIGNATION	SOUTH OF 9th AVE
A.A.D.T. (2007)	= 76,700
A.A.D.T. (2035)	= 105,500
D.H.V. (2035)	= 8,910
D.	= 50-50
T.	= 15.5%
DESIGN SPEED	= 70 MPH
ESALS	= 22,549,700

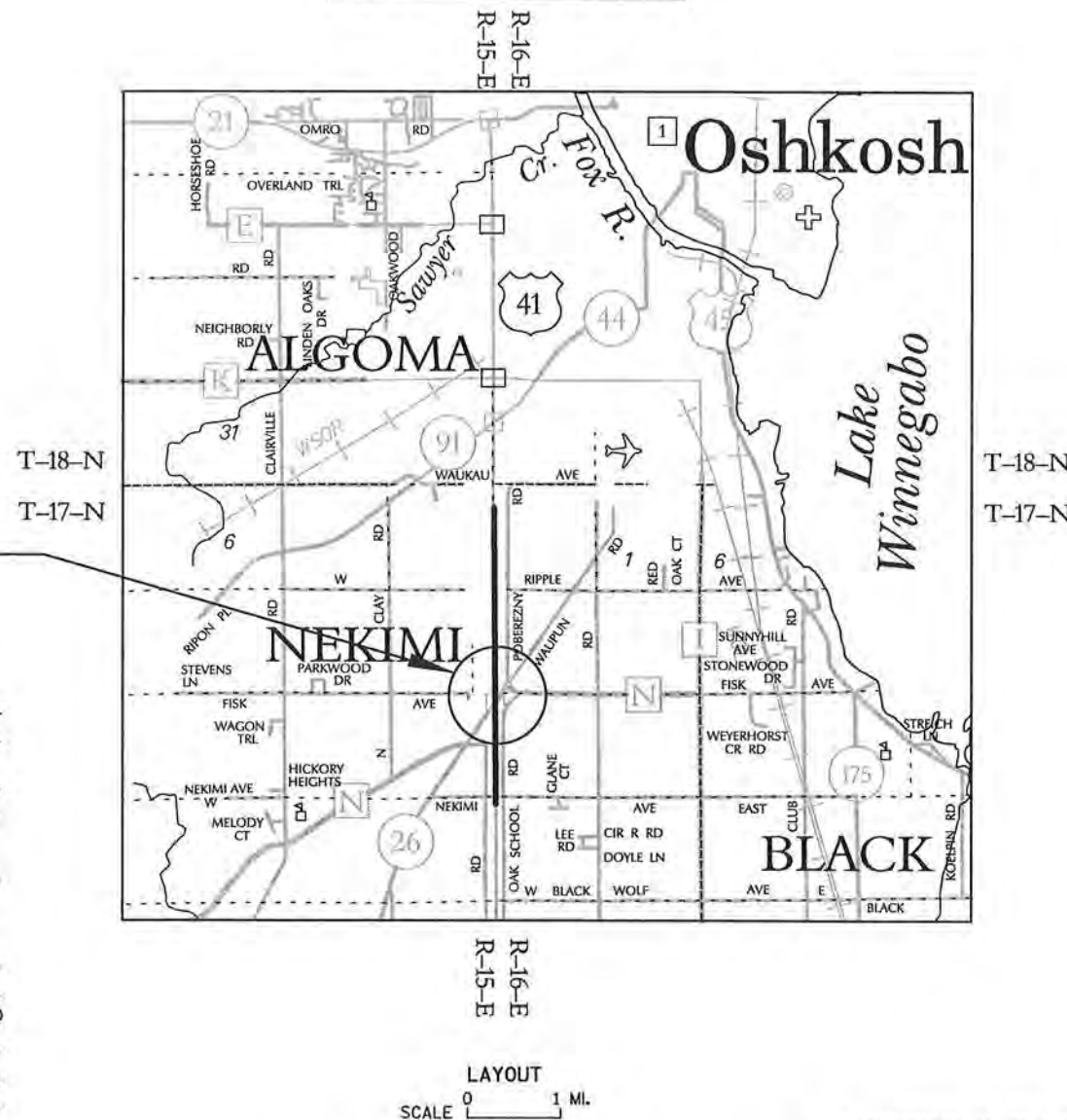
CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	////
PROPERTY LINE	---
LOT LINE	- - -
LIMITED HIGHWAY EASEMENT	L---
EXISTING RIGHT OF WAY	---
PROPOSED OR NEW R/W LINE	---
SLOPE INTERCEPT	---
REFERENCE LINE	---
EXISTING CULVERT	---
PROPOSED CULVERT (Box or Pipe)	---
COMBUSTIBLE FLUIDS	CAUTION
MARSH AREA	---
WOODED OR SHRUB AREA	---

PROFILE	
GRADE LINE	---
ORIGINAL GROUND	---
MARSH OR ROCK PROFILE (To be noted as such)	---
SPECIAL DITCH	---
GRADE ELEVATION	---
CULVERT (Profile View)	---
UTILITIES	
ELECTRIC	---
FIBER OPTIC	---
GAS	---
SANITARY SEWER	---
STORM SEWER	---
TELEPHONE	---
WATER	---
UTILITY PEDESTAL	---
POWER POLE	---
TELEPHONE POLE	---

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT
STH 26 - BREEZEWOOD LANE
STH 26 TO STH 21
USH 41
WINNEBAGO COUNTY

STATE PROJECT NUMBER
1120-10-82



TOTAL NET LENGTH OF CENTERLINE = 0.000 MI.

Coordinates on this plan are referenced to the Wisconsin County Coordinate System (WCCS), Winnebago County, Horizontal Datum NAD 83(91).
Elevations shown on this plan are referenced to vertical datum National Geodetic Vertical Datum 1929 Adjustment (NGVD 29).

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1120-10-82	WISC 2013342	1

1120-10-82
STH 26 INTERCHANGE LANDSCAPING

ORIGINAL PLANS PREPARED BY:

STRAND ASSOCIATES
910 WEST WINGRA DRIVE
MADISON, WISCONSIN 53715
(608) 251-4843



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	WISDOT
Designer	STRAND ASSOCIATES, INC.
Project Manager	TOM BUCHHOLZ
Regional Examiner	CRAIG TREADWAY
Regional Supervisor	MIKE KING
C.O. Examiner	

APPROVED FOR THE DEPARTMENT
DATE: 10/15/2012 *Tom Buehler* (Signature)

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

PLANTING LOCATIONS AS SHOWN ON THE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS WITHIN THE RIGHT-OF-WAY.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE RESTORED AS DIRECTED BY THE ENGINEER.

BEARINGS ON THIS PLAN ARE SHOWN TO THE NEAREST SECOND.

CURVE DATA BASED ON ARC DEFINITION.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS.

ABBREVIATIONS

ABUT.	ABUTMENT
A.E.C.P.R.C.	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
A.D.T.	AVERAGE DAILY TRAFFIC
B.F.	BACK FACE
B.M.	BENCH MARK
B.O.C.	BACK OF CURB
C.P.R.C.	CULVERT PIPE REINFORCED CONCRETE
CTR.	CENTER
C.L.	CENTERLINE
D.	LANE DISTRIBUTION
D.H.V.	DESIGN HOURLY VOLUME
DIA.	DIAMETER
DIM.	DIMENSION
EL. OR ELEV.	ELEVATION
EXC.	EXCAVATION
EXIST.	EXISTING
F.E.	FIELD ENTRANCE
F.F.	FRONT FACE
LT.	LEFT
MAX.	MAXIMUM
MIN.	MINIMUM
M/L	MATCH LINE
NORM.	NORMAL
O.H.	OVERHEAD POWER LINE
P.L.	PROPERTY LINE
P.O.L.	POINT ON LINE
REQ'D.	REQUIRED
RDWY.	ROADWAY
R.H.F.	RIGHT HAND FORWARD
R/L	REFERENCE LINE
RT.	RIGHT
R/W	RIGHT OF WAY
S.E.	SUPERELEVATION
SPA.	SPACE
STA.	STATION
SYM.	SYMMETRICAL
T.	PERCENT TRUCKS
TYP.	TYPICAL
V.	DESIGN SPEED

UTILITIES

UTILITY OR MUNICIPALITY	ADDRESS	CONTACT	UTILITY TYPE
AMERICAN TRANSMISSION COMPANY LLC	801 O'KEEFE ROAD DE PERE, WI 54115 PH: (920)-338-6582 PH: (920)-660-2390 MOBILE EMAIL: MOLSEN@ATCLLC.COM	MIKE OLSEN	ELECTRIC TRANSMISSION
WISCONSIN PUBLIC SERVICE	3300 N. MAIN STREET OSHKOSH, WI 54901 PH: (920) 236-5910 PH: (920) 680-2036 MOBILE EMAIL: DTPETERSEN@WISCONSINPUBLICSERVICE.COM	DAVE PETERSEN	ELECTRIC - DISTRIBUTION

DESIGN CONTACT

BRIAN ANDREAS
STRAND ASSOCIATES
910 W. WINGRA DRIVE
MADISON, WI 53715
PH: (608) 251-4843
BRIAN.ANDREAS@STRAND.COM

UTILITY COORDINATOR

TODD MCDONALD
BECHER HOPPE
330 FOURTH STREET
PO BOX 8000
WAUSAU, WI 54402-8000
PH: (715) 845-8000
TMCDONALD@BECHERHOPPE.COM

REFERENCE LINE CALL OUTS

WA STH 26 NB OFF RAMP
WB STH 26 NB ON RAMP
WC STH 26 SB OFF RAMP
WD STH 26 SB ON RAMP
X STH 26
P PLANEVIEW DR.
PL WASHBURN ST.

REBECCA DE BOER
KEN SAIKIDESIGN, INC.
303 S. PATERSON STREET
MADISON, WI 53703
PH: (608) 251-3600
RDEBOER@KSD-LA.COM

WISDNR CONTACT

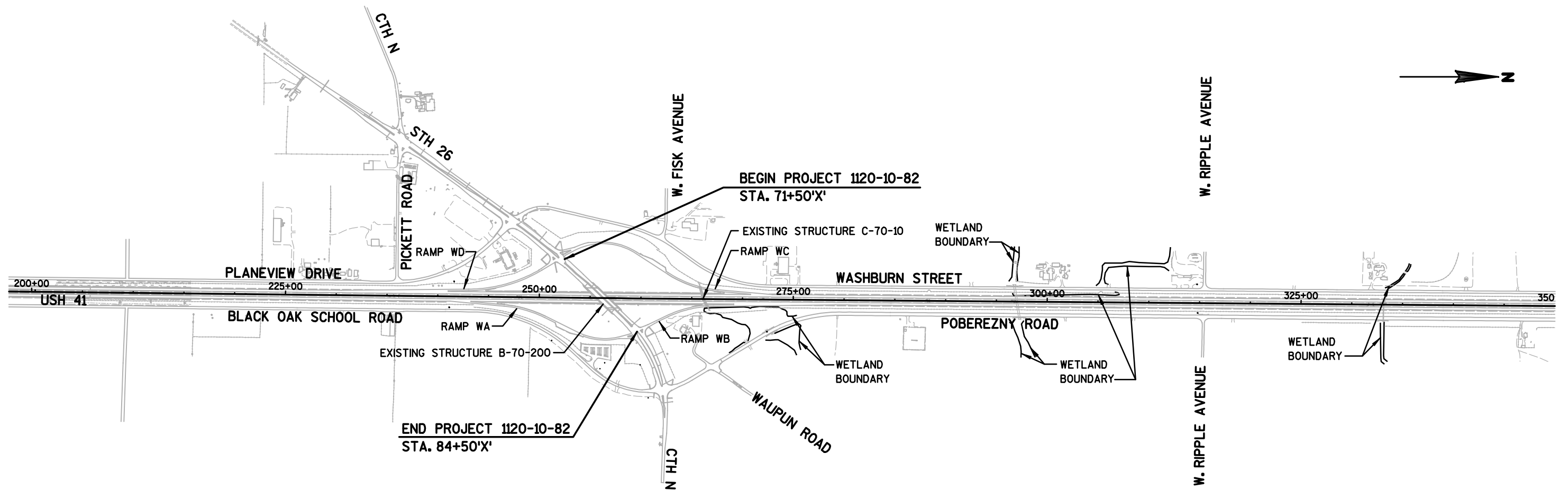
BOBBI JO FISCHER
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
427 E. TOWER DR, SUITE 100
WAUTOMA, WI 54982
PH: (920) 787-4686 EXT. 3007
BOBBI.FISCHER@WISCONSIN.GOV

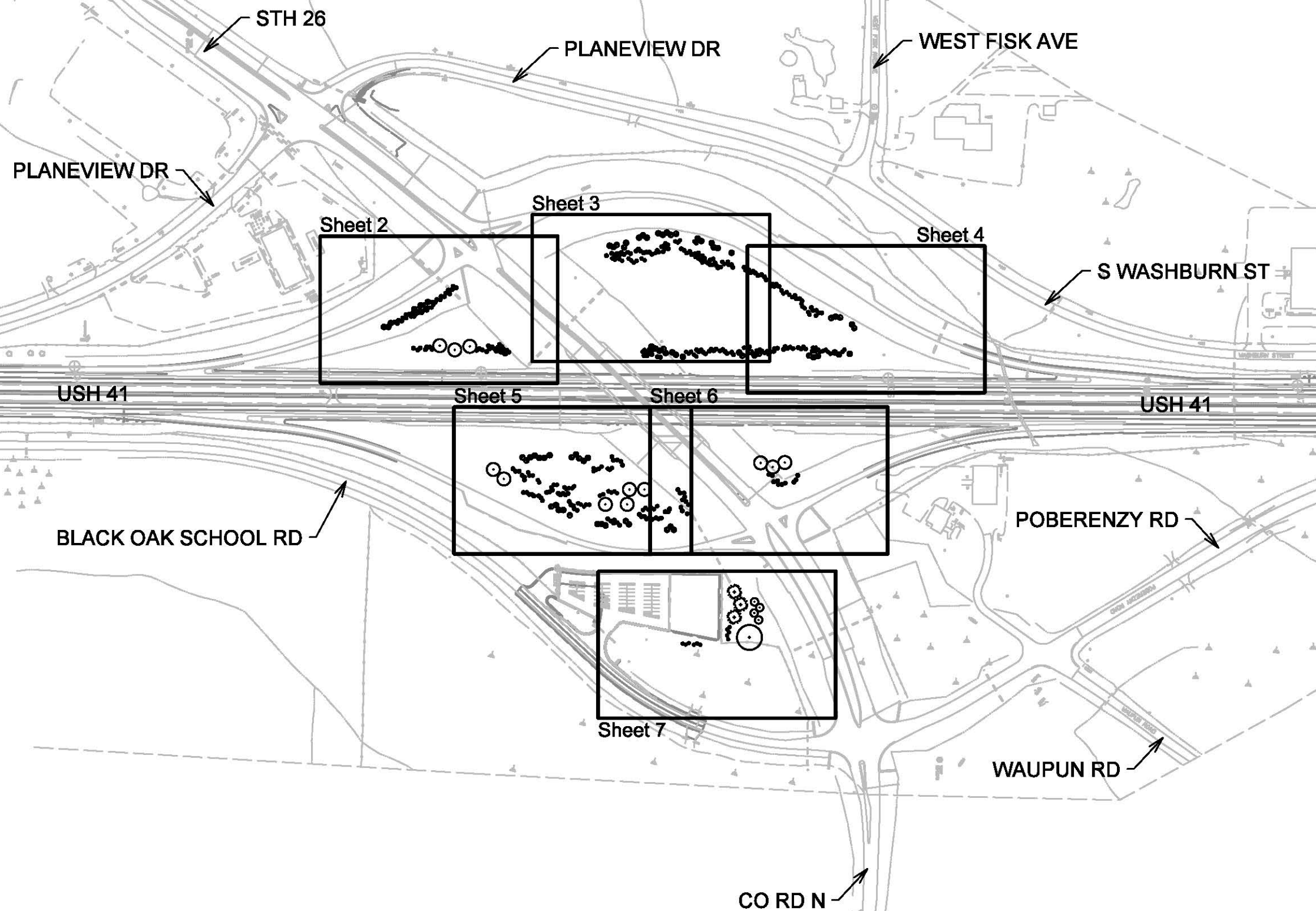
WINNEBAGO COUNTY
SURVEY CONTACT

JERRY L. BOUGIE
WINNEBAGO COUNTY COURT HOUSE
448 ALGOMA BLVD.
OSHKOSH, WI 54903-2808
PH: (920) 236-4839



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www.DiggersHotline.com





LEGEND

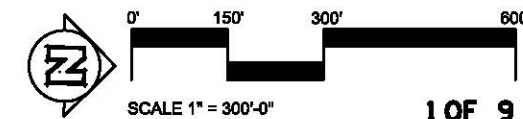
- PLANT SYMBOL
 QUANTITY
 DECIDUOUS PLANT MATERIAL LOCATION
 EVERGREEN PLANT MATERIAL LOCATION
 STATIONING POINT

NOTES:

CONTRACTOR WILL BE FULLY RESPONSIBLE FOR REPAIRING ANY AND ALL AREAS DISTURBED BY PLANTING OPERATIONS WITH SEEDING MIXTURE NO. 40 AND APPROPRIATE EROSION CONTROL MATERIAL AND/OR MULCHING ACCORDING TO SECTION 627, 628 AND 630 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURES CONSTRUCTION, CURRENT EDITION AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING AND PROPOSED UTILITIES AND SHALL ADJUST PLANT LOCATIONS AS NECESSARY TO AVOID CONFLICTS AND ACCOMMODATE UTILITY REQUIREMENTS.

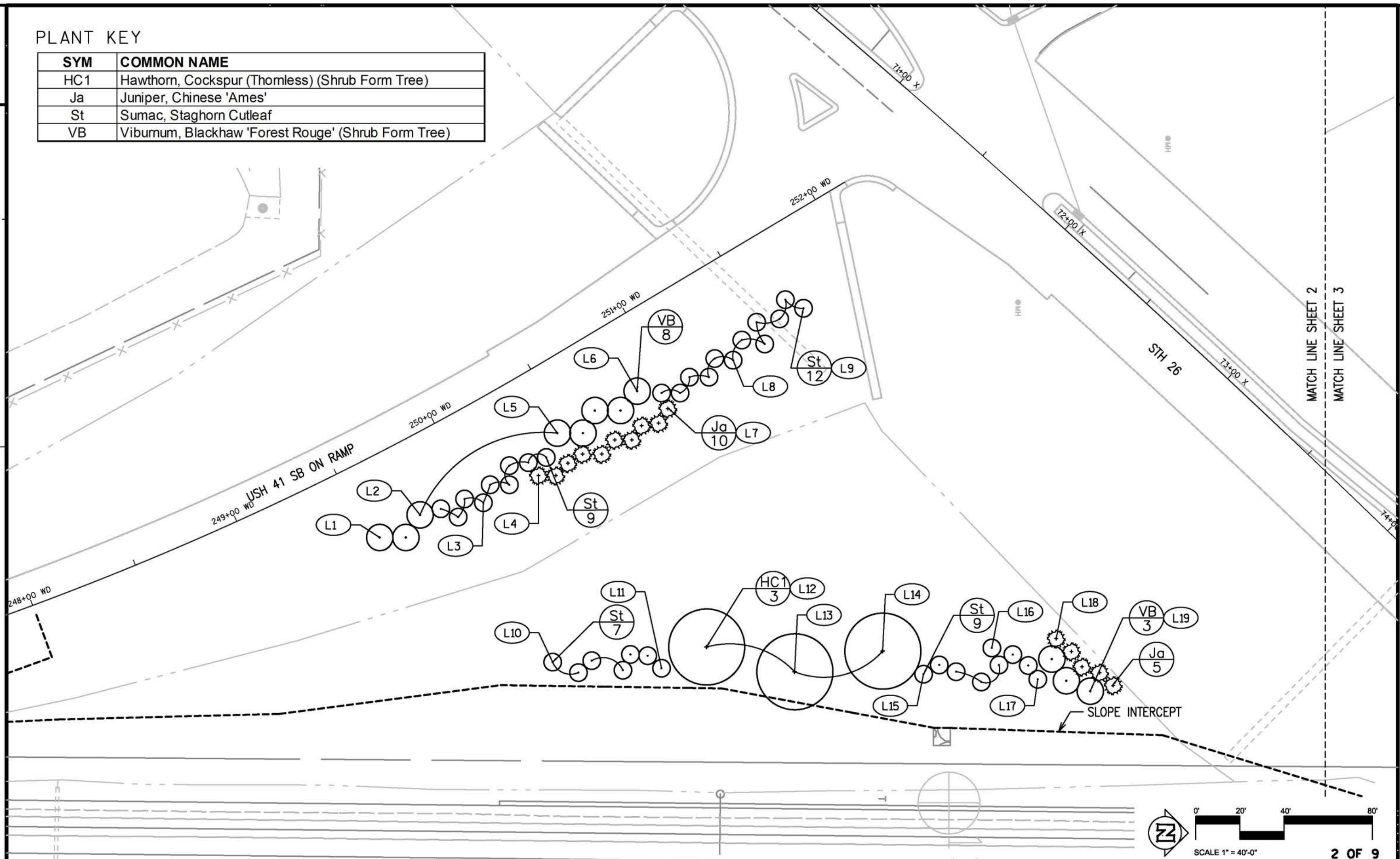
PLANS PREPARED BY KEN SAIKI DESIGN, MADISON, WI (608) 251-3600



1 OF 9

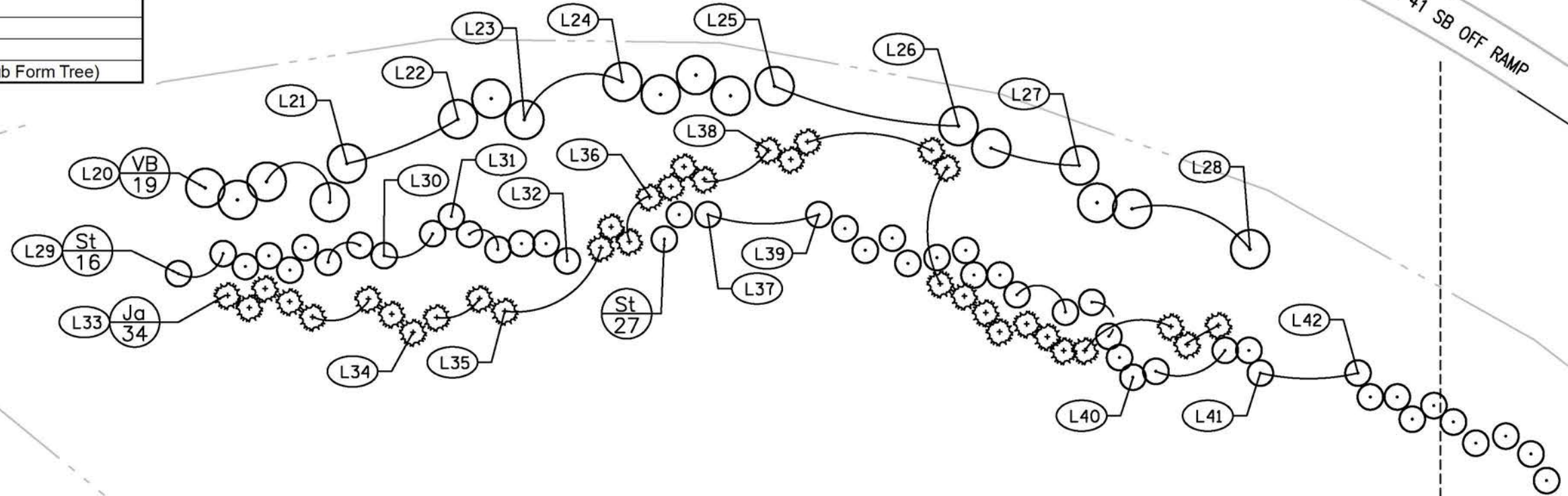
PLANT KEY

SYM	COMMON NAME
HC1	Hawthorn, Cockspur (Thornless) (Shrub Form Tree)
Ja	Juniper, Chinese 'Ames'
St	Sumac, Staghorn Cutleaf
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)



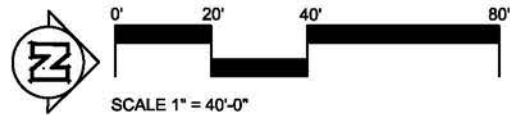
PLANT KEY

SYM	COMMON NAME
Ja	Juniper, Chinese 'Ames'
St	Sumac, Staghorn Cutleaf
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)



MATCH LINE SHEET 2
MATCH LINE SHEET 3

MATCH LINE SHEET 3
MATCH LINE SHEET 4



PROJECT NO: 1120-10-82

HWY: USH 41/STH 26

COUNTY: WINNEBAGO

PLANTING DETAIL

SHEET

E

FILE NAME : Q:\2009-021 US 41_44 CSD \ CAD \ 1- Working Drawings \ 2009-021_ksdbase.dgn

PLOT DATE : 24-Oct 2012

PLOT BY : Rdb

PLOT NAME :

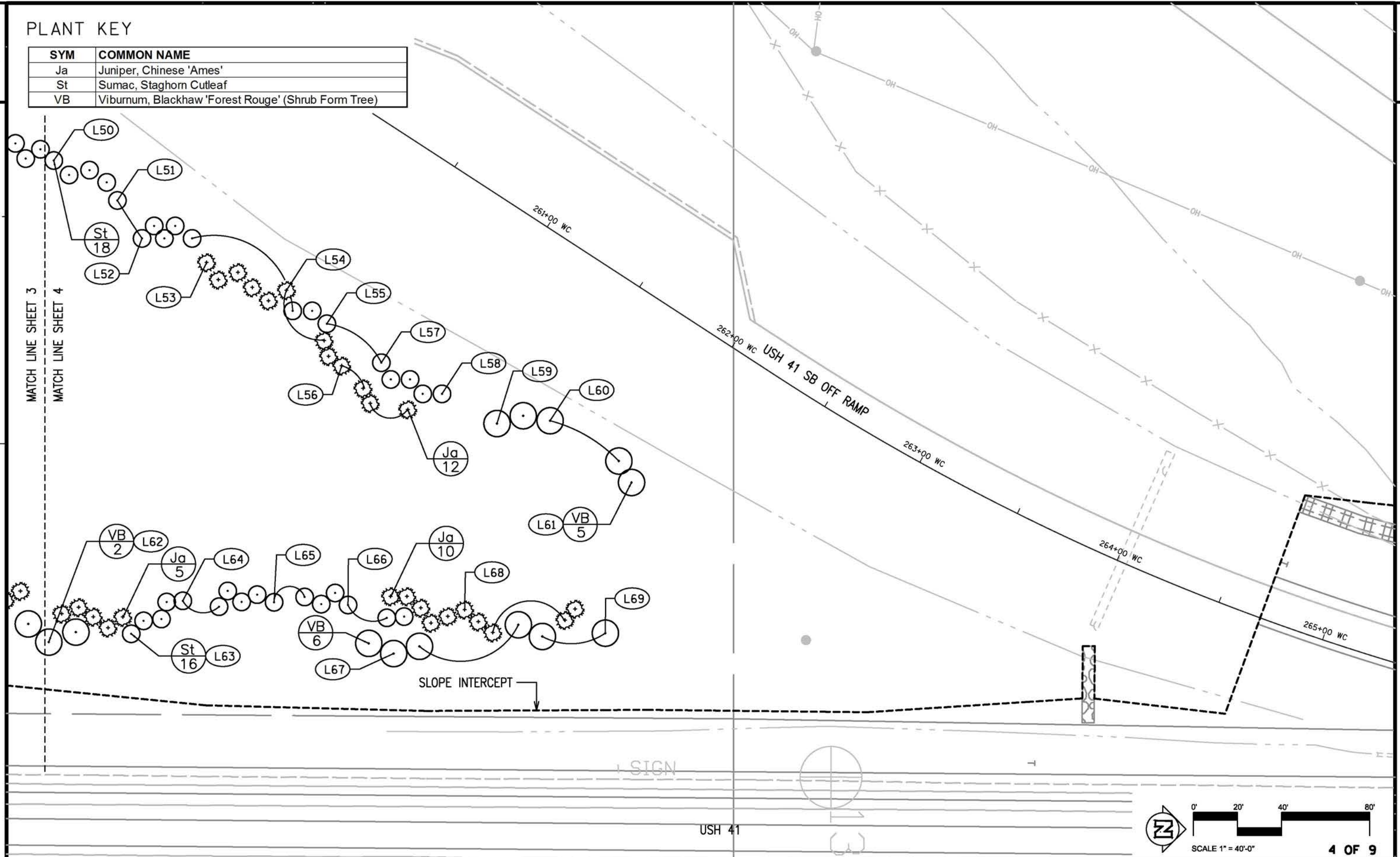
PLOT SCALE :

WISDOT/CADD'S SHEET 42

3 OF 9

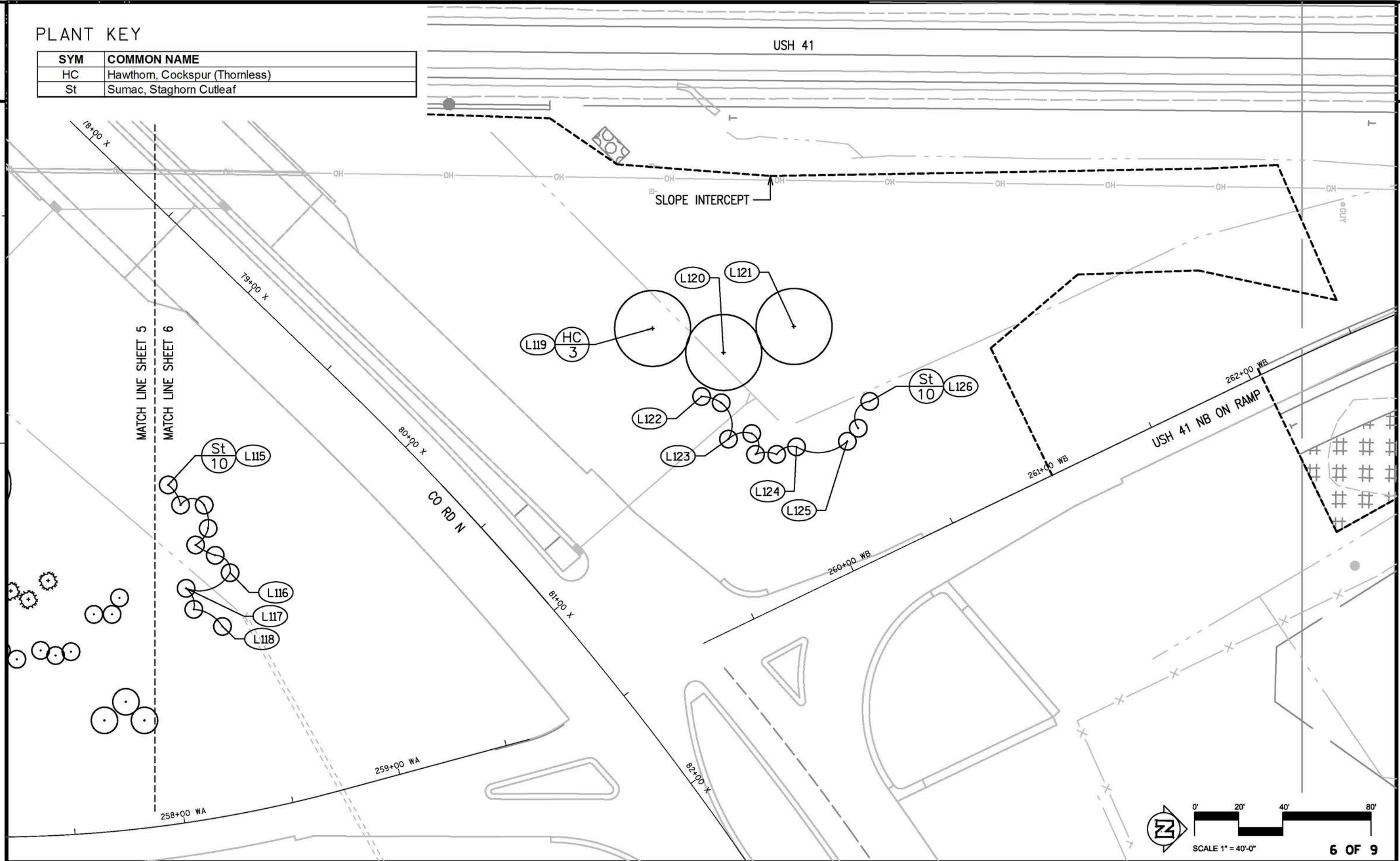
PLANT KEY

SYM	COMMON NAME
Ja	Juniper, Chinese 'Ames'
St	Sumac, Staghorn Cutleaf
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)



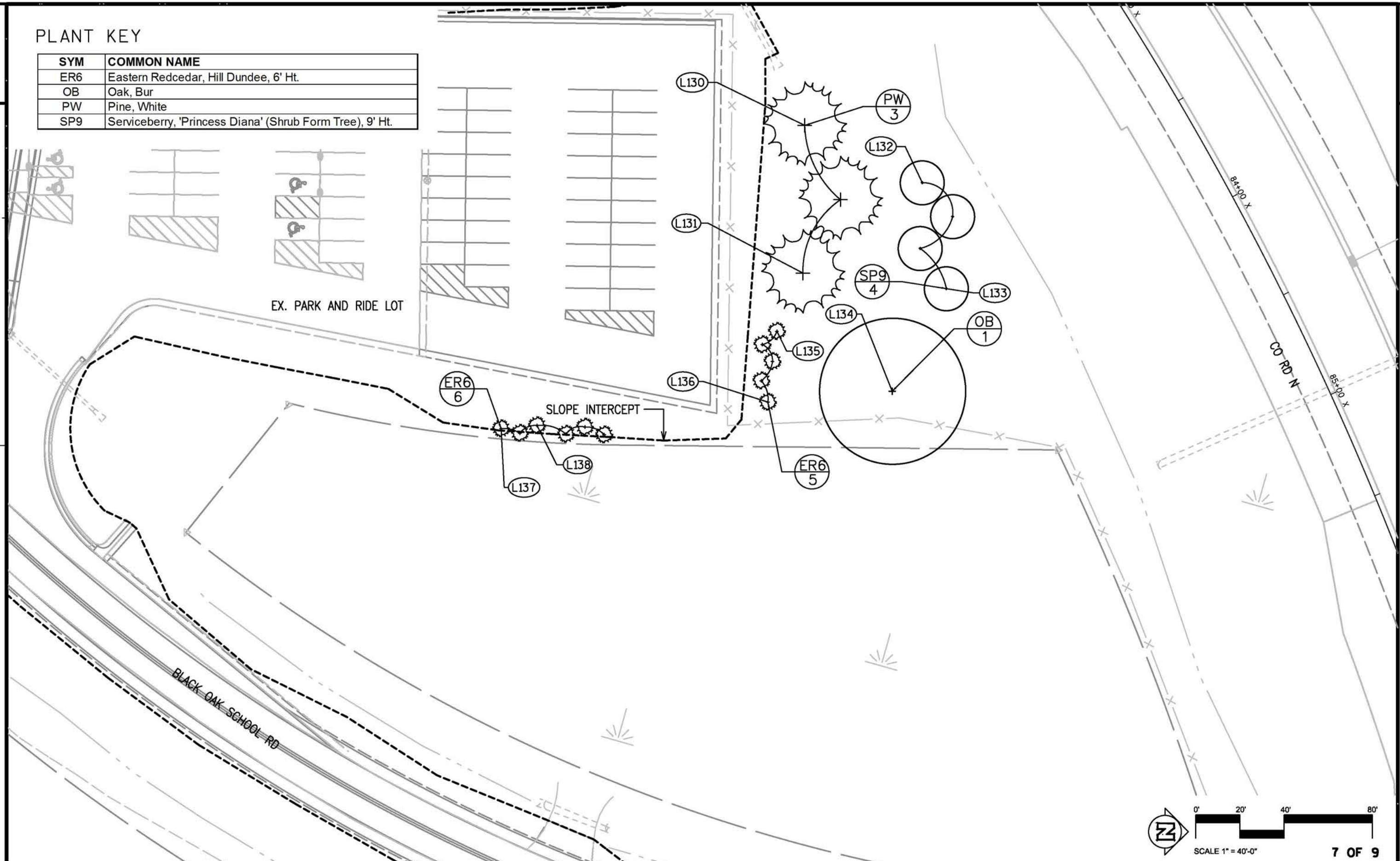
PLANT KEY

SYM	COMMON NAME
HC	Hawthorn, Cockspur (Thornless)
St	Sumac, Staghorn Cutleaf



PLANT KEY

SYM	COMMON NAME
ER6	Eastern Redcedar, Hill Dundee, 6' Ht.
OB	Oak, Bur
PW	Pine, White
SP9	Serviceberry, 'Princess Diana' (Shrub Form Tree), 9' Ht.



PLANT DATA TABLE																
Symbol	Common Name	Scientific Name	Type	Average Mature Height	Size When Planted	Root Zone Mode	Minimum Size					Brace Or Guy	Fertilizer Units Required	Rodent Protection Required	Mulch Ring Required	Plant Bed Detail
							Ball/Pot		Root Spread	Plant Hole						
							Diameter	Depth		Diameter	Depth					
	Canopy Trees															
OB	Oak, Bur	Quercus macrocarpa	1T	60-80' Ht.	2" Cal.	B&B	24"	14"	-----	48"	14"	Yes	4	Yes	60"	-----
	Deciduous Ornamental Trees															
HC	Hawthorn, Cockspur (Thornless)	Crataegus crus-galli var. inermis	4T	20-30' Ht.	2" Cal.	B&B	24"	14"	-----	48"	14"	YES	4	Yes	60"	-----
HC1	Hawthorn, Cockspur (Thornless) (Shrub Form Tree)	Crataegus crus-galli var. inermis (Shrub Form Tree)	4T	20-30' Ht.	6' Ht.	B&B	18"	12"	-----	42"	12"	YES	4	Yes	54"	-----
SP9	Serviceberry, 'Princess Diana' (Shrub Form Tree), 9' Ht.	Amelanchier x grandiflora 'Princess Diana' (Shrub Form Tree)	3T	20-25' Ht.	9' Ht.	B&B	24"	14"	-----	48"	14"	YES	6	Yes	60"	-----
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)	Viburnum prunifolium 'McKRouge' (Shrub Form Tree)	4T	12-15' Ht.	6' Ht.	B&B	18"	12"		42"	12"	YES	4	Yes	54"	-----
	Evergreens															
ER6	Eastern Redcedar, Hill Dundee, 6' Ht.	Juniperus virginiana 'Hillii'	6E	15-20'Ht.	6' Ht.	B&B	22"	13"	-----	46"	13"	-----	4	No	58"	-----
Ja	Juniper, Chinese 'Ames'	Juniperus chinensis 'Ames'	4E	8-12' Ht.	6' Ht.	B&B	20"	12"	-----	44"	12"	-----	4	No	52"	-----
PW	Pine, White	Pinus strobus	4E	20-30' Ht.	10' Ht.	B&B	34"	10.5"	-----	58"	20.5"	YES	6	No	70"	-----
	Deciduous Ornamental Shrubs															
St	Sumac, Staghorn Cutleaf	Rhus typhina 'Lacinata'	4S	10-15' Ht.	3' Ht. / #2	CONT	12"	8"	-----	36"	12"	-----	3	No	48"	-----

PLANT QUANTITIES TABLE											
Symbol	Common Name	Scientific Name	Size When Planted	Root Zone Mode							
					Sheet 2	Sheet 3	Sheet 4	Sheet 5	Sheet 6	Sheet 7	Totals
	Canopy Trees										
OB	Oak, Bur	Quercus macrocarpa	2" Cal.	B&B						1	1
	Deciduous Ornamental Trees										
HC	Hawthorn, Cockspur (Thornless)	Crataegus crus-galli var. inermis	2" Cal.	B&B				4	3		7
HC1	Hawthorn, Cockspur (Thornless) (Shrub Form Tree)	Crataegus crus-galli var. inermis (Shrub Form Tree)	6' Ht.	B&B	3			2			5
SP9	Serviceberry, 'Princess Diana' (Shrub Form Tree), 9' Ht.	Amelanchier x grandiflora 'Princess Diana' (Shrub Form Tree)	9' Ht.	B&B						4	4
VB	Viburnum, Blackhaw 'Forest Rouge' (Shrub Form Tree)	Viburnum prunifolium 'McKRouge' (Shrub Form Tree)	6' Ht.	B&B	11	30	13	25			79
	Evergreens										
ER6	Eastern Redcedar, Hill Dundee, 6' Ht.	Juniperus virginiana 'Hillii'	6' Ht.	B&B						11	11
Ja	Juniper, Chinese 'Ames'	Juniperus chinensis 'Ames'	6' Ht.	B&B	15	48	27	38			128
PW	Pine, White	Pinus strobus	10' Ht.	B&B						3	3
	Deciduous Ornamental Shrubs										
St	Sumac, Staghorn Cutleaf	Rhus typhina 'Lacinata'	3' Ht. / #2	CONT	37	64	34	50	20		205

LOCATION: STH 26

SHEET 2		
POINT	STATION	OFFSET
L1	70+55.39'X'	309.87
L2	70+63.00'X'	290.20
L3	70+81.99'X'	267.27
L4	70+93.04'X'	241.81
L5	70+93.04'X'	241.81
L6	71+02.17'X'	183.44
L7	71+18.11'X'	179.95
L8	71+26.31'X'	144.26
L9	71+34.86'X'	105.53
L10	71+56.91'X'	300.84
L11	71+97.51'X'	270.02
L12	72+06.64'X'	249.28
L13	72+45.33'X'	230.71
L14	72+69.19'X'	196.82
L15	72+90.53'X'	191.82
L16	73+05.46'X'	162.02
L17	73+31.06'X'	158.11
L18	73+24.55'X'	138.72
L19	73+52.58'X'	145.66

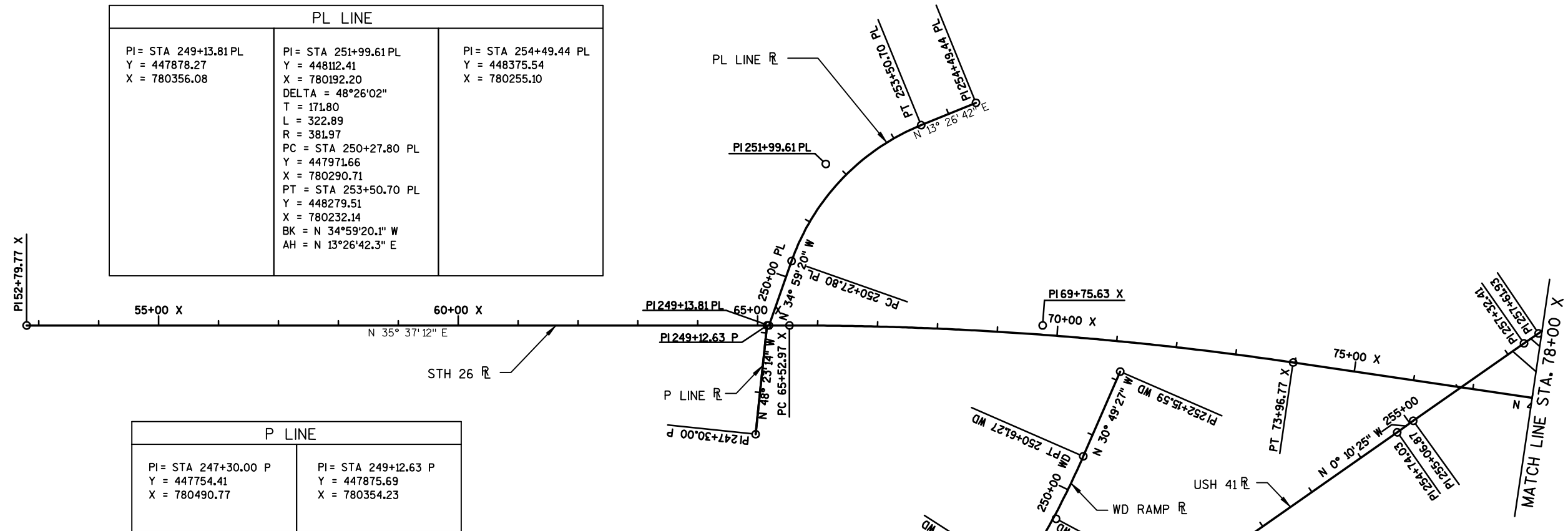
SHEET 3		
POINT	STATION	OFFSET
L20	73+56.18'X'	-251.79
L21	73+81.46'X'	-287.60
L22	73+95.93'X'	-321.35
L23	74+10.76'X'	-335.52
L24	74+24.44'X'	-365.04
L25	74+59.22'X'	-396.87
L26	75+08.79'X'	-427.58
L27	75+44.15'X'	-444.81
L28	76+00.18'X'	-462.95
L29	73+68.01'X'	-226.87
L30	74+08.77'X'	-275.10
L31	74+15.32'X'	-298.28
L32	74+50.68'X'	-313.34
L33	73+82.81'X'	-232.78
L34	74+31.48'X'	-264.04
L35	74+47.83'X'	-288.51
L36	74+54.99'X'	-345.55
L37	74+72.04'X'	-353.93
L38	74+71.43'X'	-381.58
L39	74+96.74'X'	-377.81
L40	76+01.64'X'	-409.25
L41	76+29.12'X'	-437.60
L42	76+50.86'X'	-458.63
L43	76+13.28'X'	-109.64
L44	76+20.15'X'	-136.79
L45	76+57.08'X'	-132.75
L46	76+98.95'X'	-174.83
L47	76+98.95'X'	-174.83
L48	77+91.56'X'	-272.16
L49	78+07.35'X'	-317.55

SHEET 4		
POINT	STATION	OFFSET
L50	76+82.64'X'	-468.29
L51	77+16.00'X'	-475.31
L52	77+36.02'X'	-470.70
L53	77+64.42'X'	-483.51
L54	77+99.24'X'	-499.16
L55	78+23.21'X'	-501.15
L56	78+41.57'X'	-491.93
L57	78+53.28'X'	-505.63
L58	78+82.89'X'	-514.58
L59	79+10.21'X'	-522.24
L60	79+26.63'X'	-539.91
L61	79+68.51'X'	-545.51
L62	78+32.96'X'	-309.57
L63	78+57.22'X'	-338.29
L64	78+63.64'X'	-365.33
L65	78+93.88'X'	-393.62
L66	79+18.86'X'	-416.07
L67	79+49.06'X'	-414.59
L68	79+57.97'X'	-451.63
L69	79+97.98'X'	-488.80

SHEET 5		
POINT	STATION	OFFSET
L70	75+45.46'X'	389.65
L71	75+83.10'X'	388.33
L72	75+78.82'X'	312.93
L73	76+26.59'X'	258.35
L74	76+72.46'X'	221.84
L75	77+04.38'X'	192.96
L76	77+48.09'X'	146.63
L77	77+84.03'X'	143.02
L78	75+81.54'X'	351.93
L79	76+23.74'X'	352.10
L80	76+16.95'X'	329.28
L81	76+49.76'X'	327.78
L82	76+88.65'X'	307.75
L83	77+14.14'X'	292.16
L84	77+30.13'X'	272.67
L85	77+39.28'X'	207.87
L86	77+68.19'X'	174.92
L87	76+45.40'X'	377.85
L88	76+96.08'X'	358.07
L89	76+94.16'X'	328.58
L90	77+13.03'X'	315.68
L91	77+32.11'X'	297.80
L92	77+49.36'X'	310.83
L93	77+80.69'X'	312.88
L94	77+69.17'X'	297.81
L95	77+93.67'X'	279.62
L96	77+96.65'X'	243.17
L97	78+04.56'X'	218.97
L98	78+24.72'X'	206.80
L99	78+23.59'X'	249.56
L100	78+65.03'X'	209.48
L101	78+70.58'X'	149.11
L102	77+24.53'X'	353.30
L103	77+75.74'X'	335.87
L104	78+52.76'X'	293.90
L105	78+54.44'X'	272.75
L106	78+89.09'X'	263.24
L107	79+05.11'X'	244.32
L108	79+06.54'X'	205.97
L109	79+05.26'X'	191.12
L110	79+25.33'X'	156.93
L111	79+40.14'X'	192.26
L112	79+57.03'X'	147.63
L113	79+93.33'X'	171.34

SHEET 6		
POINT	STATION	OFFSET
L115	79+34.48'X'	87.69
L116	79+84.10'X'	96.59
L117	79+74.25'X'	115.67
L118	80+00.20'X'	116.14
L119	80+36.56'X'	-118.18
L120	80+63.91'X'	-134.68
L121	80+75.05'X'	-166.39
L122	80+71.54'X'	-114.06
L123	80+92.46'X'	-110.57
L124	81+13.35'X'	-131.82
L125	81+24.91'X'	-151.22
L126	81+18.14'X'	-170.57

SHEET 7		
POINT	STATION	OFFSET
L130	82+65.30'X'	149.38
L131	83+28.64'X'	186.01
L132	83+20.97'X'	118.61
L133	83+72.35'X'	133.58
L134	84+04.93'X'	177.56
L135	83+47.86'X'	209.66
L136	83+78.24'X'	229.17
L137	83+14.75'X'	339.38
L138	83+27.94'X'	329.1



DATE 30APR13		E S T I M A T E O F Q U A N T I T I E S			
LINE					1120-10-82
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	213.0100	FINISHING ROADWAY (PROJECT) 01. 1120-10-82	EACH	1.000	1.000
0020	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01. 1120-10-82	EACH	1.000	1.000
0030	619.1000	MOBILIZATION	EACH	1.000	1.000
0040	625.0100	TOPSOIL	SY	200.000	200.000
0050	627.0200	MULCHING	SY	200.000	200.000
0060	629.0210	FERTILIZER TYPE B	CWT	0.200	0.200
0070	630.0140	SEEDING MIXTURE NO. 40	LB	3.600	3.600
0080	630.0200	SEEDING TEMPORARY	LB	5.400	5.400
0090	632.0101	TREES (SPECIES, ROOT, SIZE) 01. OAK BUR, B&B, 2-INCH CAL.	EACH	1.000	1.000
0100	632.0101	TREES (SPECIES, ROOT, SIZE) 02. HAWTHORN, COCKSPUR (THORNLESS), B&B, 2-INCH CAL.	EACH	7.000	7.000
0110	632.0101	TREES (SPECIES, ROOT, SIZE) 03. HAWTHORN, COCKSPUR (THORNLESS) (SHRUB FORM TREE), B&B, 6-FOOT HT.	EACH	5.000	5.000
0120	632.0101	TREES (SPECIES, ROOT, SIZE) 04. SERVICEBERRY, 'PRINCESS DIANA', (SHRUB FORM TREE), B&B, 9-FOOT HT.	EACH	4.000	4.000
0130	632.0101	TREES (SPECIES, ROOT, SIZE) 05. VIBURNUM, BLACKHAW (SHRUB FORM TREE), B&B, 6-FOOT HT.	EACH	79.000	79.000
0140	632.0101	TREES (SPECIES, ROOT, SIZE) 06. EASTERN REDCEDAR, HILL DUNDEE, B&B, 6-FOOT HT.	EACH	11.000	11.000
0150	632.0101	TREES (SPECIES, ROOT, SIZE) 07. JUNIPER, CHINESE 'AMES', B&B, 6-FOOT HT	EACH	128.000	128.000
0160	632.0101	TREES (SPECIES, ROOT, SIZE) 08. PINE, WHITE, B&B, 10-FOOT HT.	EACH	3.000	3.000
0170	632.0201	SHRUBS (SPECIES, ROOT, SIZE) 01. SUMAC, STAGHORN CUTLEAF, CONTAINER, 3-FOOT HT.	EACH	205.000	205.000
0180	632.9101	LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES	EACH	13.000	13.000
0190	643.0100	TRAFFIC CONTROL (PROJECT) 01. 1120-10-82	EACH	1.000	1.000
0200	SPV.0105	SPECIAL 01. SURVEY PROJECT 1120-10-82	LS	1.000	1.000

FINISHING ROADWAY		
CATEGORY	PROJECT I.D.	213.0100 EACH
0010	1120-10-82	1

MAINTENANCE AND REPAIR OF HAUL ROADS		
CATEGORY	PROJECT	618.0100 EACH
0010	1120-10-82	1

MOBILIZATION		
CATEGORY	PROJECT I.D.	619.1000 EACH
0010	1120-10-82	1

FINISHING ITEMS							
CATEGORY	STATION - STATION	LOCATION	625.0100	627.0200	629.0210	630.0140	630.0200
			TOPSOIL SY	MULCHING SY	FERTILIZER TYPE B CWT	SEEDING MIXTURE NO. 40 LB	SEEDING TEMPORARY LB
0010	UNDISTRIBUTED	LT & RT	200	200	0.2	3.6	5.4

PLANT DATA CHART

SYMBOL	COMMON NAME	SIZE WHEN PLANTED	ROOT ZONE MODE	SHEET 2 EACH	SHEET 3 EACH	SHEET 4 EACH	SHEET 5 EACH	SHEET 6 EACH	SHEET 7 EACH	TOTALS EACH	
Canopy Trees											
OB	Oak, Bur	2" Cal.	B&B						1	1	632.0101.01
Deciduous Ornamental Trees											
HC	Hawthorn, Cockspur (Thornless)	2" Cal.	B&B				4	3		7	632.0101.02
HC1	Hawthorn, Cockspur (Thornless)(Shrub Form Tree)	6' Ht.	B&B	3			2			5	632.0101.03
SP9	Serviceberry, 'Princess Diana' (Shrub Form Tree)	9' Ht.	B&B						4	4	632.0101.04
VB	Viburnum, Blackhaw (Shrub Form Tree)	6' Ht.	B&B	11	30	13	25			79	632.0101.05
Evergreens											
ER6	Eastern Redcedar, Hill Dundee, 6' Ht.	6' Ht.	B&B						11	11	632.0101.06
Jq	Juniper, Chinese 'Ames'	6' Ht.	B&B	15	48	27	38			128	632.0101.07
PW	Pine, White	10' Ht.	B&B						3	3	632.0101.08
Deciduous Ornamental Shrubs											
St	Sumac, Staghorn Cutleaf	3' Ht./#2	CONT	37	64	34	50	20		205	632.0201.01

LANDSCAPE PLANTING SURVEILLANCE & CARE CYCLES

CATEGORY	MONTH	632.9101 LANDSCAPE PLANTING SURVEILLANCE & CARE CYCLES EACH
0010	SEPTEMBER 2013	2
	OCTOBER 2013	1
	MAY 2014	1
	JUNE 2014	2
	JULY 2014	2
	AUGUST 2014	2
	SEPTEMBER 2014	2
	OCTOBER 2014	1
		13

TRAFFIC CONTROL

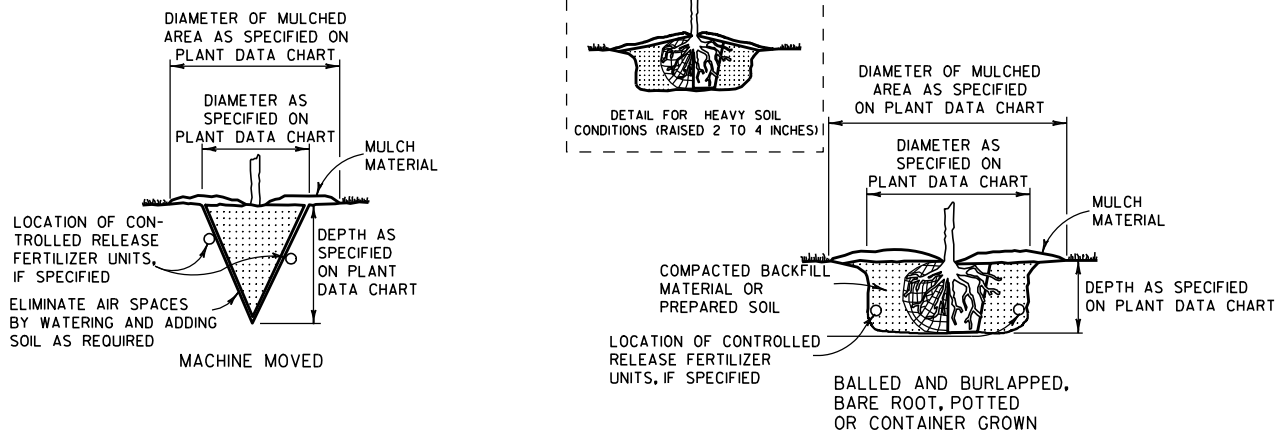
CATEGORY	PROJECT ID	643.0100 EACH
0010	1120-10-82	1

SURVEY PROJECT

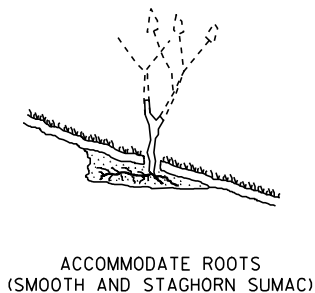
CATEGORY	PROJECT ID	SPV.0105.01 LS
0010	1120-10-82	1

Standard Detail Drawing List

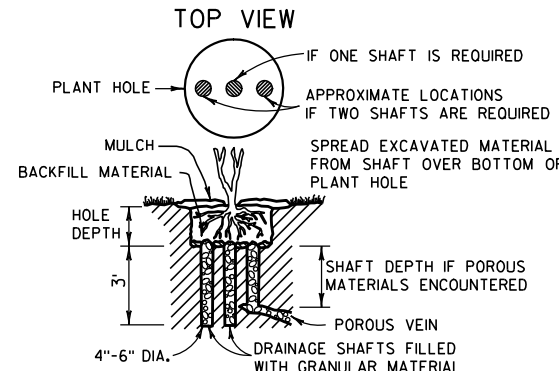
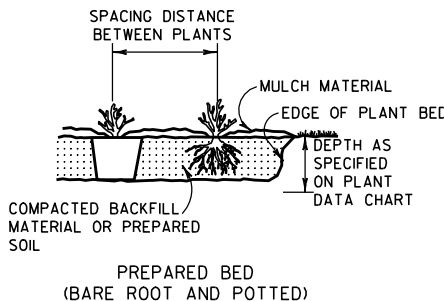
14A02-01	TREE PLANTING DETAIL
15D28-01	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY



PLANTING

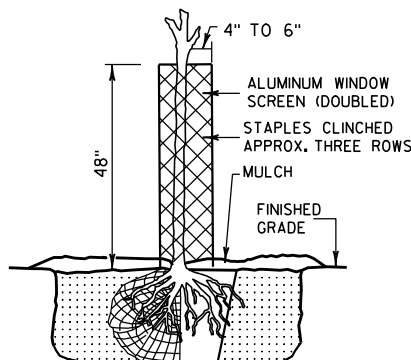
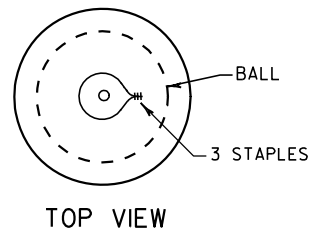
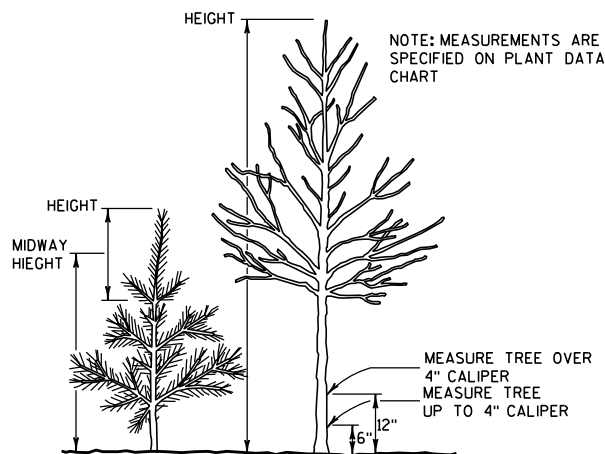


- NOTE:
- 1) ENGINEER SHALL REQUIRE 3 SLITS IN POT TO SPEED DETERIORATION
 - 2) METAL, PLASTIC OR OTHER NONDEGRADABLE POTS SHALL BE REMOVED PRIOR TO PLANTING

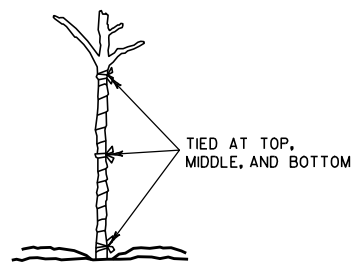


NOTE: DRAINAGE SHAFT AS SPECIFIED ON PLANT DATA CHART

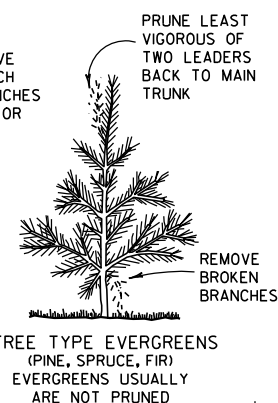
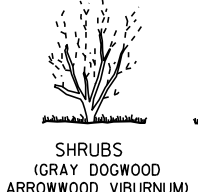
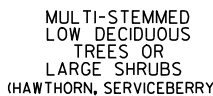
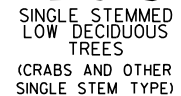
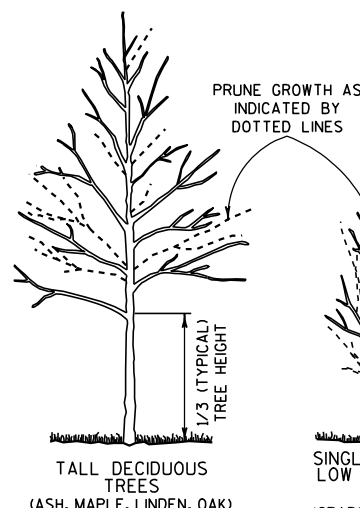
DRAINING



RODENT PROTECTION

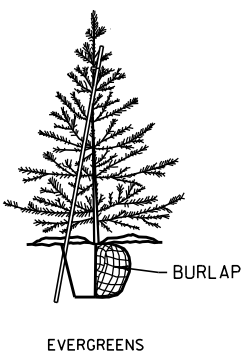
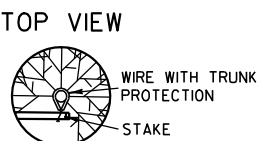
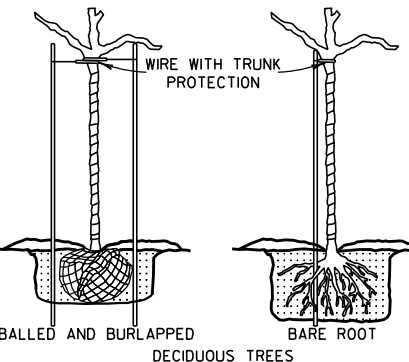
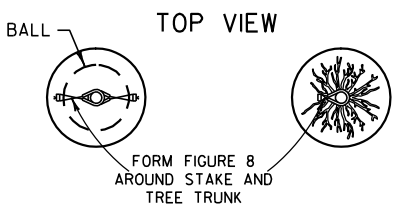


WRAPPING



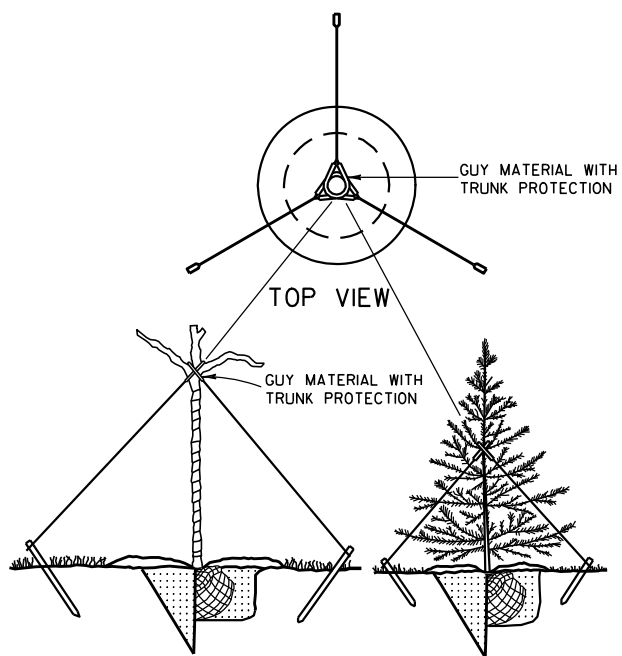
PRUNING

- NOTE: WHEN PRUNING, PRESERVE CHARACTER AND SHAPE OF TREE. AVOID LEAVING STUBS - REMOVE BRANCH OR TWIG BACK TO THE NEAREST CROTCH
- 1) PRUNE TO REMOVE DEAD AND BROKEN BRANCHES
 - 2) PRUNE TO REMOVE BRANCHES THAT TOUCH OR ARE TOO CLOSE TO OTHER BRANCHES



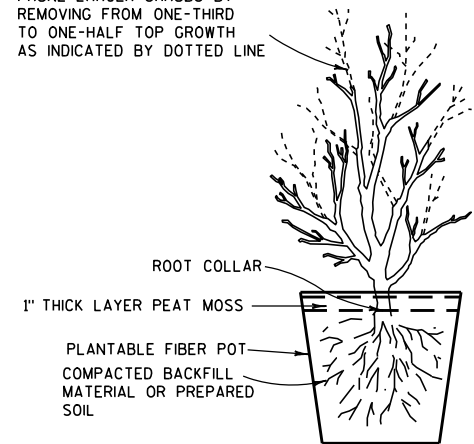
- NOTE: BRACING STAKE
- 1) SHALL BE DRIVEN INTO THE GROUND AS CLOSE TO THE TREE AS POSSIBLE WITHOUT DAMAGING THE BRANCHES.
 - 2) MAY BE DRIVEN AT SUCH AN ANGLE THAT IT DOES NOT PENETRATE THE BALL OR POT.
 - 3) SHALL NOT PROTRUDE ABOVE THE TOP OF THE TREE; AND
 - 4) SHALL HAVE A HOLE NEAR THE TOP TO HOLD THE WIRE IN PLACE.

BRACING



GUYING

PRUNE LARGER SHRUBS BY REMOVING FROM ONE-THIRD TO ONE-HALF TOP GROWTH AS INDICATED BY DOTTED LINE



POTTING

NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

BRACING, WRAPPING, GUYING, RODENT PROTECTION, FERTILIZER AND MULCH SHALL BE USED ONLY WHEN SPECIFIED ON THE PLANT DATA CHART (PART OF PLAN) OR SPECIAL PROVISIONS.

TREE PLANTING DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/11/94 /S/ Rory L. Rhinesmith
DATE CHIEF METHODS DEVELOPMENT ENGINEER
FHWA

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY DISTRICT TRAFFIC UNIT.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.

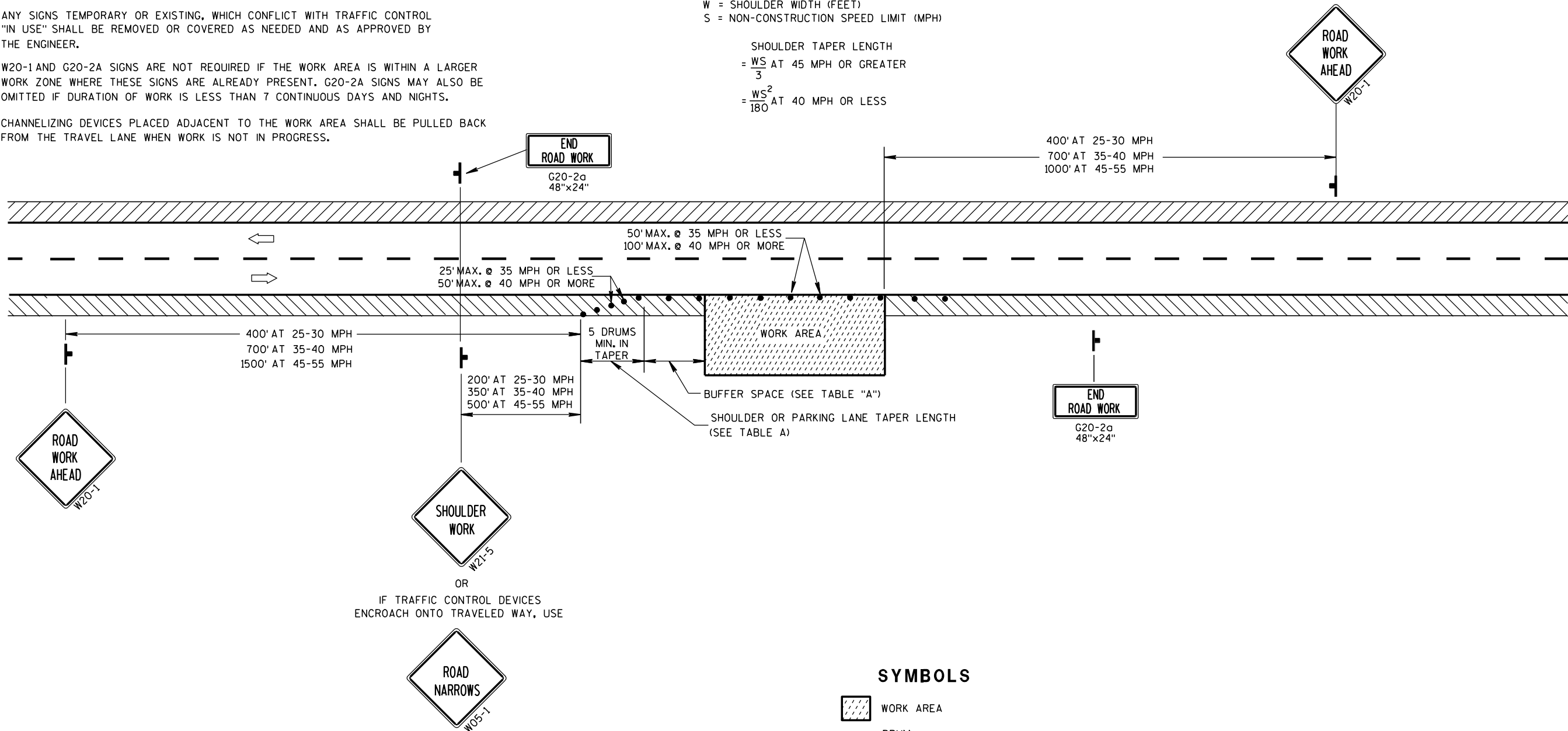
CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

TABLE A

SHOULDER TAPER LENGTH (FEET)					BUFFER SPACE (FEET)
S \ W	4	6	8	10	
30	20	30	40	50	85
35	30	45	55	70	120
40	40	55	75	90	170
45	60	90	120	150	220
50	70	100	135	170	280
55	75	110	150	185	335

W = SHOULDER WIDTH (FEET)
S = NON-CONSTRUCTION SPEED LIMIT (MPH)

SHOULDER TAPER LENGTH
= $\frac{WS}{3}$ AT 45 MPH OR GREATER
= $\frac{WS^2}{180}$ AT 40 MPH OR LESS



SYMBOLS

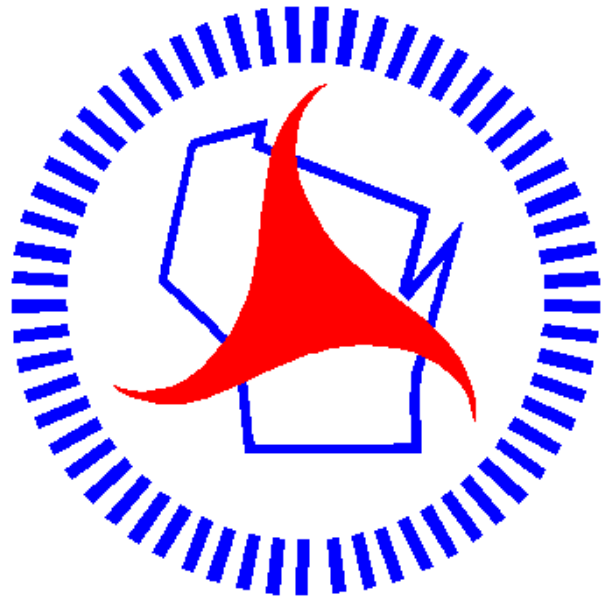
- WORK AREA
- DRUM
- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL,
WORK ON SHOULDER OR
PARKING LANE,
UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/23/00 /S/ Chester J. Spang
DATE CHIEF SIGNS AND MARKING ENGINEER
FHWA

Notes



Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

<http://www.dot.wisconsin.gov>