

MINNESOTA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR LANDSCAPING

LOCATED ON T.H.12 AT CSAH 6 AND THE LUCE LINE TRAIL

STATE PROJ. NO. 2713-95
 MINN. PROJ. NO. _____
 GROSS LENGTH N/A FEET N/A MILES
 BRIDGES-LENGTH N/A FEET N/A MILES
 EXCEPTIONS-LENGTH N/A FEET N/A MILES
 NET LENGTH N/A FEET N/A MILES
 REF. POINT 148+00.559 AND REF. POINT 152+00.531

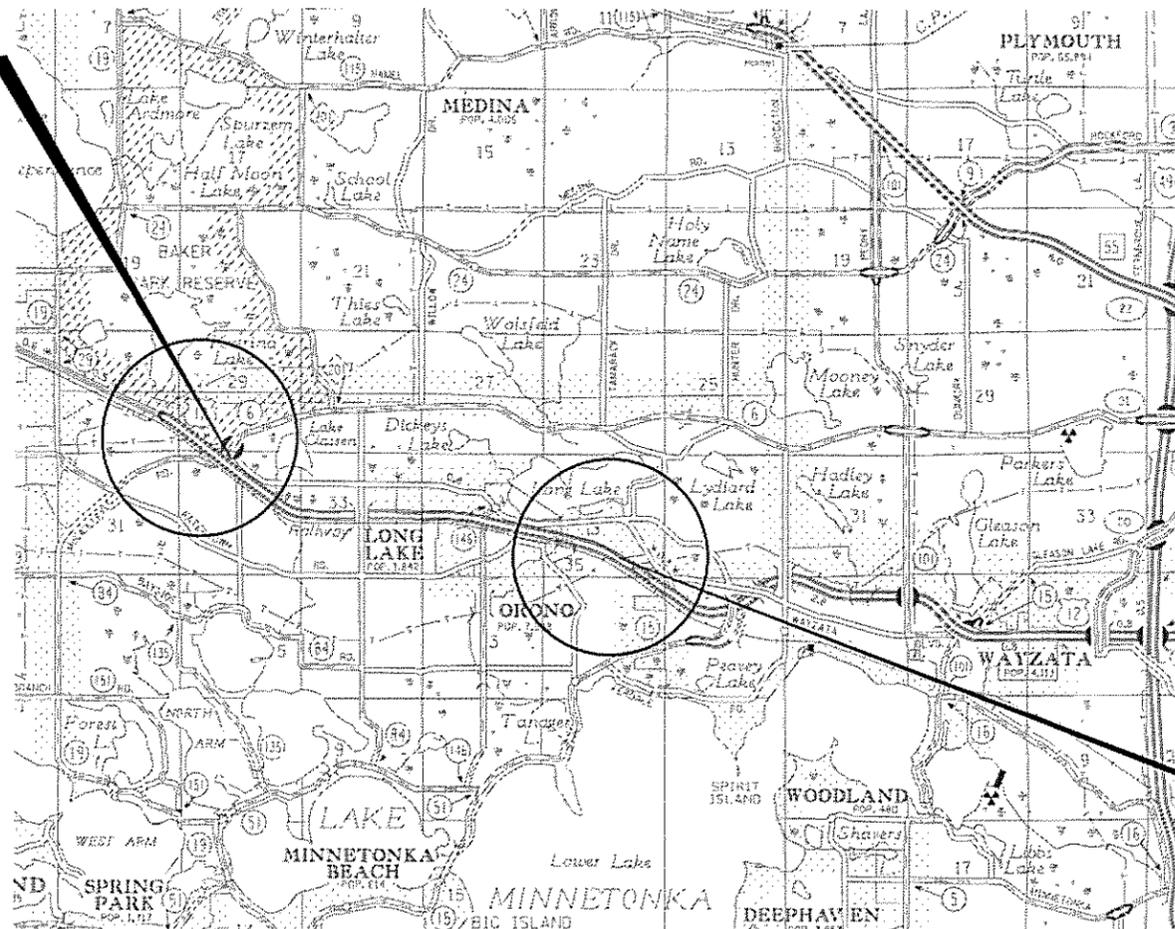
FED. PROJ. NO. _____ STATE FUNDS _____
GOVERNING SPECIFICATIONS
 THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION
 "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

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THIS PLAN CONTAINS 10 SHEETS

S.P. 2713-95
 T.H.12 REF PT 148+00.559



S.P. 2713-95
 T.H.12 REF PT 152+00.531

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE 6/11/09 LIC. NO. 17373 L.A. Scott D. Bradley
 PROJECT L.A. SCOTT BRADLEY, PRINCIPAL LANDSCAPE ARCHITECT
 PROJECT DESIGNERS: PATTI STROHMAYER, LANDSCAPE DESIGN SPECIALIST

RECOMMENDED FOR APPROVAL BY: Alex C. Elliot 6/11/2009
 DISTRICT TRANSPORTATION ENGINEER
 RECOMMENDED FOR APPROVAL BY: Scott D. Bradley 6/11/2009
 PRINCIPAL LANDSCAPE ARCHITECT
 RECOMMENDED FOR APPROVAL BY: Valeriana Steensma 6/20/09
 TRS STATE PRE-LETTING ENGINEER
 OFFICE OF LAND MANAGEMENT APPROVAL BY: M.J. Stensberg 4/16/09
 FOR DIRECTOR OFFICE OF LAND MANAGEMENT
 APPROVED Jun 16 2009 M. J. Stensberg
 STATE DESIGN ENGINEER



PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

DESIGN DESIGNATION - TIER NO. _____



FOR PLANS & UTILITIES SYMBOLS SEE TECHNICAL MANUAL

PROJ. NO. 2713-95 CHARGE IDENTIFIER _____

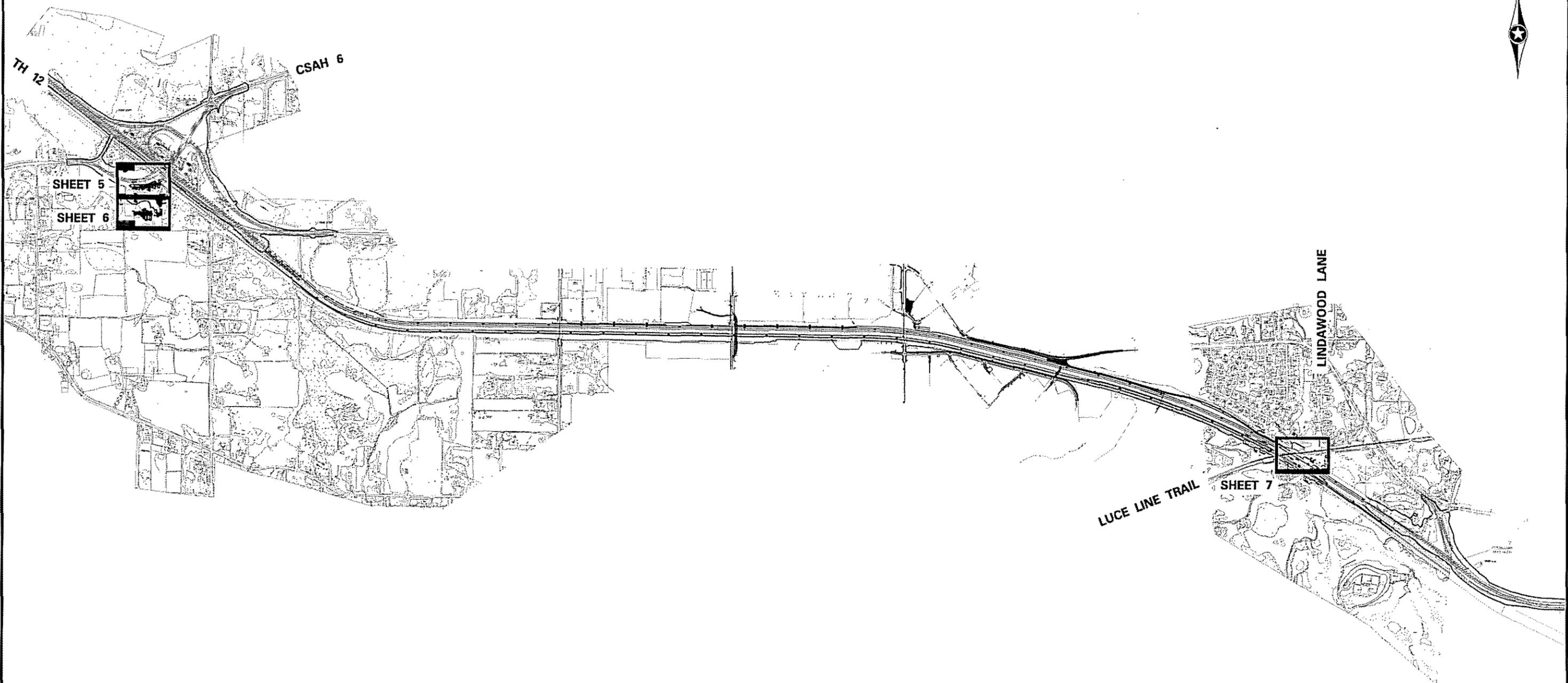
DATE MODIFIED: 6/10/2009	TIME MODIFIED: 2:03:31 PM	INDEX MAP NO SCALE	SCALES 0 500 IN 0 50 FEET	ADT (Current Year) 2004 = 17,700 Design Speed 55 MPH
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STATE OF MINNESOTA
 DEPARTMENT OF TRANSPORTATION
 OFFICE OF TECHNICAL SUPPORT
 LANDSCAPE ARCHITECTURE UNIT
 TRANSPORTATION BUILDING
 ST. PAUL, MINNESOTA 55155-1899

TITLE SHEET
 STATE PROJECT 2713-95 (T.H.12=010) SHEET NO.1 OF 10 SHEETS

MR C-16-09

1500
SCALE IN FEET



DATE MODIFIED: 4/2/2009	TIME MODIFIED: 4:55:05 PM	PROJECT MANAGER PATTI STROHMAYER	DRAWN BY PATTI STROHMAYER	DATE <u>4-2-09</u> LIC. NO. <u>17372</u>	 STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION OFFICE OF TECHNICAL SUPPORT LANDSCAPE ARCHITECTURE UNIT TRANSPORTATION BUILDING ST. PAUL, MINNESOTA 55155-1899	GENERAL LAYOUT	
FILE SERVER LOCATION: Caew2ka004: c:\ProjectWise\PW_Working\Stro1Pat\d0190033\LA2713095_CP.dgn		CHECKED BY DENNIS MOLINE	SIGNATURE  LICENSED PROFESSIONAL LANDSCAPE ARCHITECT			STATE PROJECT 2713-95	T.H.12

Statement of Estimated Quantities			
ITEM No.	ROOT CATEGORY & SIZE	UNITS	ESTIMATED
			S.P. 2713-095
2571.501	CONIFEROUS TREE 8' HT. B&B	Tree	73
2571.501	CONIFEROUS TREE 6' HT. B&B	Tree	7
2571.501	CONIFEROUS TREE 5' HT. B&B	Tree	46
2571.502	DECIDUOUS TREE 1.25" CAL. CONT.	Tree	15
2571.502	DECIDUOUS TREE 1" CAL. B.R.	Tree	21
2571.505	DECIDUOUS SHRUB 2' HT. B.R.	Shrub	310
2571.506	VINE 2 YR. MED. B.R.	Vine	10

UTILITIES TABULATION	
COMPANY	TYPE
CITY OF ORONO	WATERSEWER
CITY OF WAYZATA	WATERSEWER
METROPOLITAN COUNCIL ENVIRONMENTAL SERVICES	SANITARY SEWER
MEDIACOM	CABLE
WRIGHT HENNEPIN COOPERATIVE	ELECTRIC/LIGHTS
Mn/DOT	ELECTRIC/LIGHTS
QWEST COMMUNICATIONS CORPORATION	TELEPHONE
CENTERPOINT ENERGY MINNESOTA GAS	GAS

NOTE:

- 1.) NO UTILITIES WILL BE AFFECTED BY THIS PROJECT.
- 2.) THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

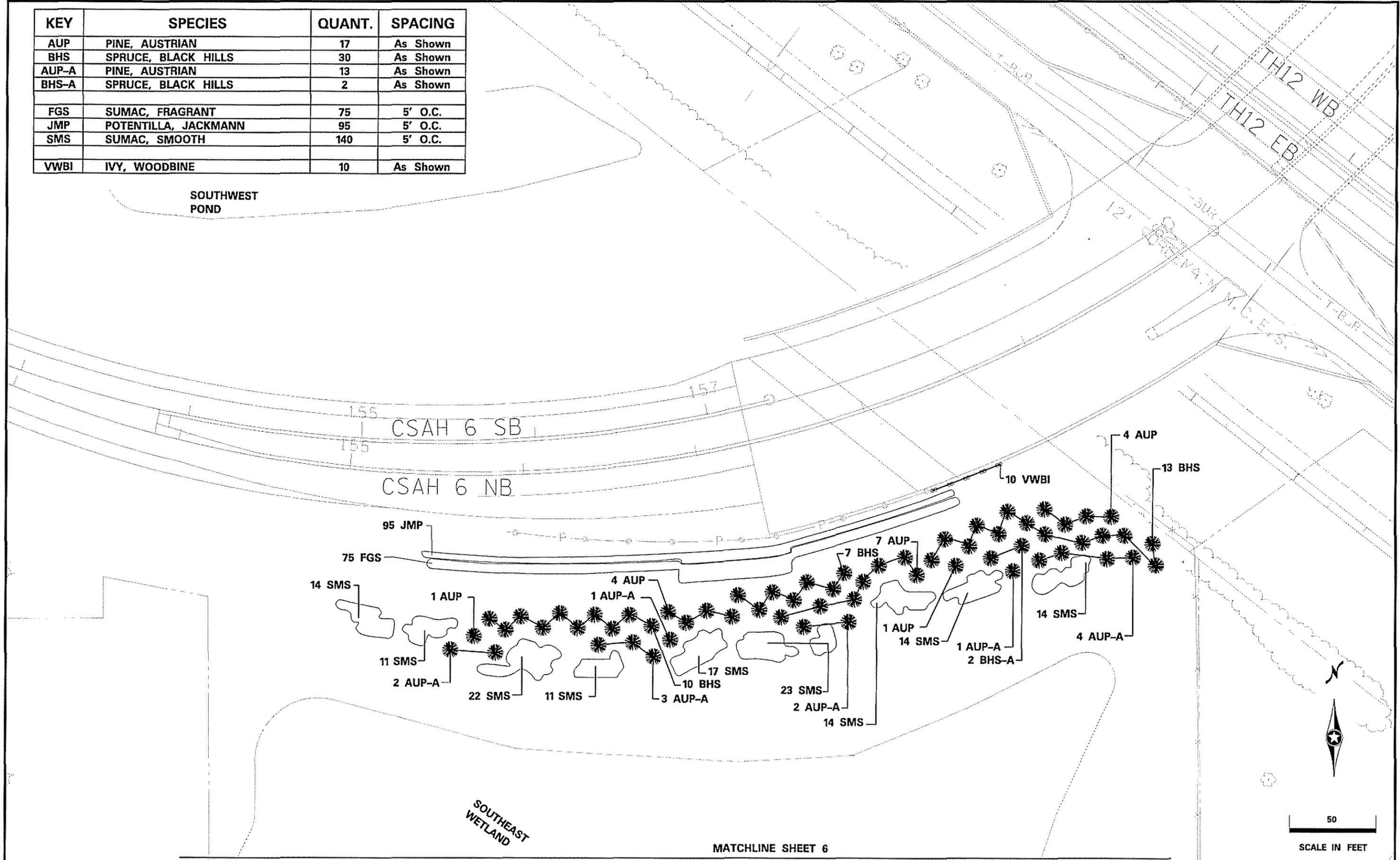
ESTIMATED INCIDENTAL MATERIAL AND WORK QUANTITIES			
MATERIAL	TYPE	UNIT	QUANTITY
RODENT GUARD		EACH	83
STAKING AND GUYING		EACH	162
COMPOST	GRADE 2	SQ. FT.	269
MULCH	6	SQ. FT.	269

GENERAL NOTES:

- A. LOCATE TREES AT LEAST 6' FROM FENCE WHEN NOT PLANTED WITHIN A MULCHED SHRUB BED.
- B. OPERATE TILLING EQUIPMENT A MINIMUM OF 10' CLEAR OF EXISTING TREES, UNLESS AUTHORIZED BY THE ENGINEER.
- C. COMPLETE ALL TILLING USING A SPADE TYPE TILLER.
- D. SEE THE PLANT STOCK TABULATION TABLE FOR INDIVIDUAL PLANT QUANTITIES.
- E. STAKING FOR PLANTING HOLES AND BEDS SHALL BE APPROVED BY BOTH THE ENGINEER AND THE DESIGNER PRIOR TO PLANTING HOLE AND PLANTING BED PREPARATION.
- F. RESTORE ALL DAMAGED TURF AT THE CONTRACTOR'S EXPENSE, TO PRE-LANDSCAPE INSTALLATION CONDITIONS.

DATE MODIFIED: 6/10/2009	TIME MODIFIED: 3:48:07 PM	PROJECT MANAGER PATTI STROHMAYER	DRAWN BY PATTI STROHMAYER	DATE 6-11-09	UC NO. 17372	 STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION OFFICE OF TECHNICAL SUPPORT LANDSCAPE ARCHITECTURE UNIT TRANSPORTATION BUILDING ST. PAUL, MINNESOTA 55155-1899	ESTIMATED QUANTITIES	
			CHECKED BY DENNIS MOLINE	SIGNATURE <i>Scott D. Bradley</i> LICENSED PROFESSIONAL LANDSCAPE ARCHITECT			STATE PROJECT 2713-95	T.H.12

KEY	SPECIES	QUANT.	SPACING
AUP	PINE, AUSTRIAN	17	As Shown
BHS	SPRUCE, BLACK HILLS	30	As Shown
AUP-A	PINE, AUSTRIAN	13	As Shown
BHS-A	SPRUCE, BLACK HILLS	2	As Shown
FGS	SUMAC, FRAGRANT	75	5' O.C.
JMP	POTENTILLA, JACKMANN	95	5' O.C.
SMS	SUMAC, SMOOTH	140	5' O.C.
VWBI	IVY, WOODBINE	10	As Shown



MATCHLINE SHEET 6

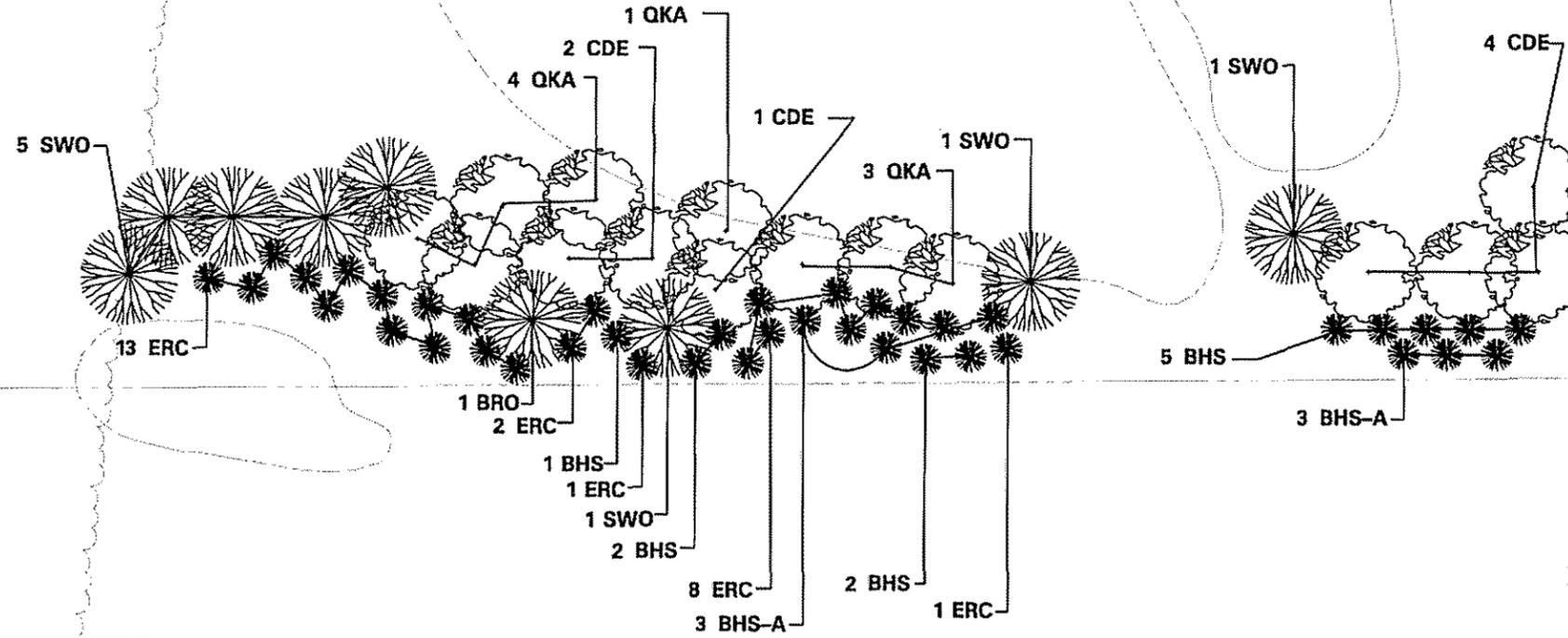
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FILE SERVER LOCATION: Caew2ks004: c:\ProjectWise\PW_Working\Stro1Pat\d0190033\LA2713095_CP.dgn		CHECKED BY DENNIS MOLINE	SIGNATURE <i>[Signature]</i> LICENSED PROFESSIONAL LANDSCAPE ARCHITECT					



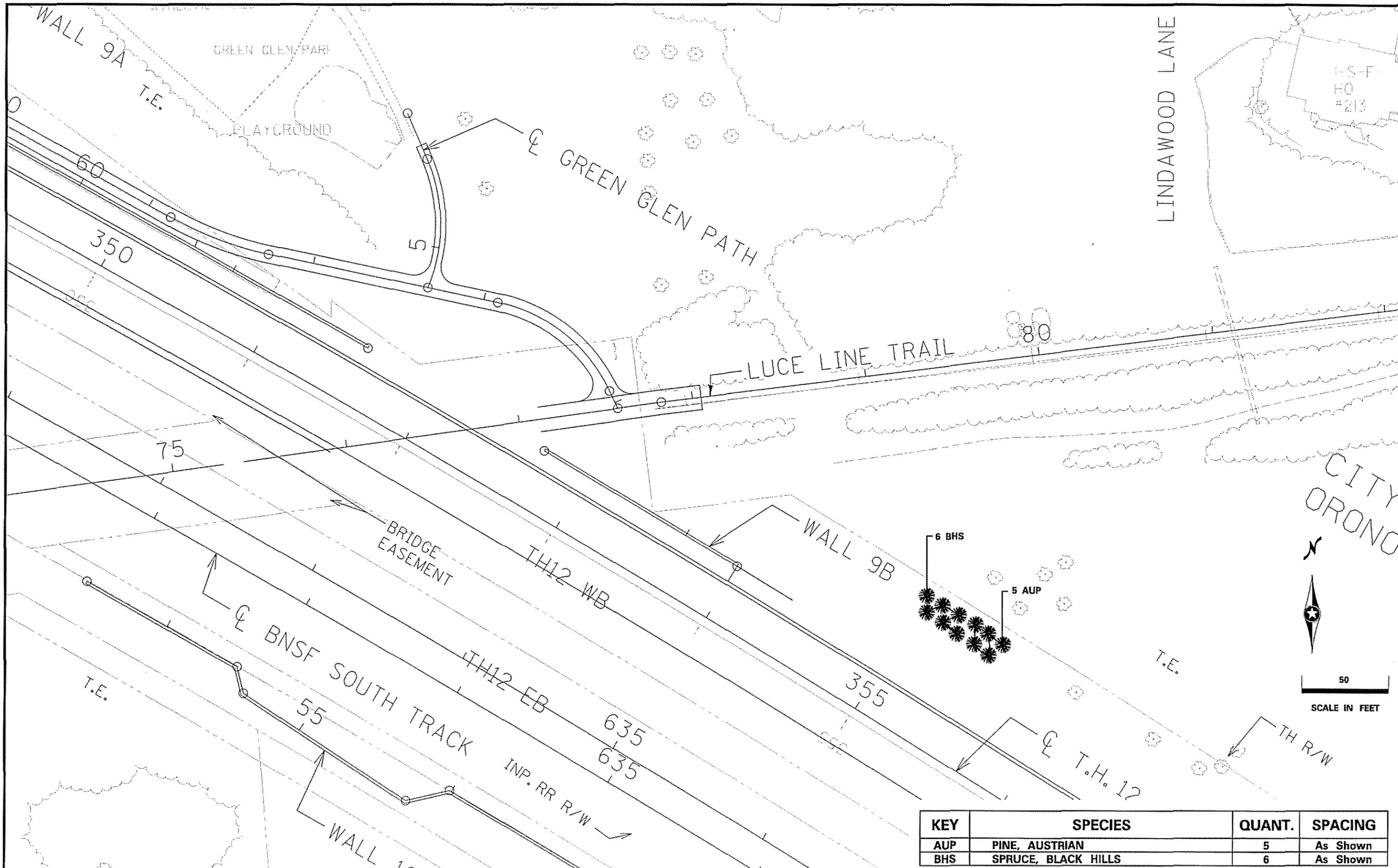
50
SCALE IN FEET

SOUTHEAST
WETLAND

3 BRO
5 AUP
7 PDP
3 SLP
3 QKA
3 SWO



KEY	SPECIES	QUANT.	SPACING
AUP	PINE, AUSTRIAN	5	As Shown
BHS	SPRUCE, BLACK HILLS	10	As Shown
BHS-A	SPRUCE, BLACK HILLS	6	As Shown
ERC	CEDAR, EASTERN RED	25	As Shown
PDP	PINE PONDEROSA	7	As Shown
BRO	OAK, BUR	4	As Shown
CDE	ELM, CATHEDRAL	7	As Shown
QKA	ASPEN, QUAKING	11	As Shown
SLP	POPLAR, SIOUXLAND	3	As Shown
SWO	OAK, SWAMP WHITE	11	As Shown



KEY	SPECIES	QUANT.	SPACING
AUP	PINE, AUSTRIAN	5	As Shown
BHS	SPRUCE, BLACK HILLS	6	As Shown

DATE MODIFIED: 6/10/2009	TIME MODIFIED: 3:41:48 PM	PROJECT MANAGER PATTI STROHMAYER	DRAWN BY PATTI STROHMAYER	DATE 6-11-09	LIC. NO. 17372	STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION OFFICE OF TECHNICAL SUPPORT LANDSCAPE ARCHITECTURE UNIT TRANSPORTATION BUILDING ST. PAUL, MINNESOTA 55155-1899	LANDSCAPE PLAN	
			CHECKED BY DENNIS MOLINE	LICENSED PROFESSIONAL LANDSCAPE ARCHITECT			STATE PROJECT 2713-95	T.H.12