

STATEMENT OF ESTIMATED QUANTITIES														
NOTE	CHART NO	ITEM NO	ITEM	UNIT	TOTAL QUANTITIES		ANOKA COUNTY S.A.P. 02-632-04		RAMSEY COUNTY S.A.P. 62-601-06				STORM SEWER	
					EST.	FINAL	PARTICIPATING *		PARTICIPATING *		NON-PARTICIPATING SHOREVIEW		**	
							EST.	FINAL	EST.	FINAL	EST.	FINAL	EST.	FINAL
		2021.501	MOBILIZATION	LUMP SUM	1		0.50		0.50					
		2031.501	FIELD OFFICE, TYPE D	LUMP SUM	1		0.50		0.50					
		2101.511	CLEARING & GRUBBING	LUMP SUM	1		0.50		0.50					
	B	2104.501	REMOVE CURB AND GUTTER	LIN FT	80		40		40					
	F	2104.501	REMOVE FENCE	LIN FT	890		332		558					
	B	2104.501	REMOVE BITUMINOUS CURB	LIN FT	50		25		25					
	B	2104.503	REMOVE BITUMINOUS FLUME	SQ FT	75		37.5		37.5					
	B	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	6246		312.3		312.3					
		2104.507	REMOVE RIPRAP	CU YD	18.9		9.45		9.45					
		2104.509	REMOVE FILTER BERM	EACH	1		0.5		0.5					
	E	2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	120.5		60.25		60.25					
	G	2104.521	SALVAGE PIPE CULVERTS AND SEWERS	LIN FT	200		100		100					
	F	2104.521	SALVAGE TRAF. BAR. DESIGN PLATE BEAM	LIN FT	535		267.5		267.5					
	F	2104.523	SALVAGE TWISTED END TREATMENT	EACH	2		1		1					
(12)		2104.523	SALVAGE CONCRETE APRON	EACH	2		0.5		1.5					
(15)		2104.523	SALVAGE CONCRETE APRON	EACH	2		0.5		1.5					
(4)	C	2104.523	SALVAGE SIGNS TYPE C	EACH	11		5.5		5.5					
(1,5)	I	2105.501	COMMON EXCAVATION	CU YD (P)	27572		13786		13786					
(8)	I	2105.505	MUCK EXCAVATION	CU YD	5636		2818		2818					
	I	2105.507	SUBGRADE EXCAVATION	CU YD	2614		1307		1307					
	I	2105.511	COMMON CHANNEL EXCAVATION	CU YD (P)	4110		2055		2055					
	I	2105.522	SELECT GRANULAR BORROW (LV)	CU YD	12668		6334		6334					
	I	2105.522	SELECT GRANULAR BORROW MOD 7% (LV)	CU YD	962		481		481					
(13)		2105.523	COMMON BORROW (LV)	CU YD	7303		3651.5		3651.5					
		0105.609	GEOTEXTILE FABRIC	SQ YD	30		15		15					
(2)		2130.501	WATER	M GAL	1.5		0.75		0.75					
(2)		2131.502	CALCIUM CHLORIDE SOLUTION	GAL	300		150		150					
(14)	H	2211.503	AGGREGATE BASE PLACED CLASS 5	CU YD (P)	465				290		175			
	H	2211.503	AGGREGATE BASE PLACED CLASS 6	CU YD (P)	1917		958.5		958.5					
(10,11)	D	2301.553	BRIDGE APPROACH PANELS	SQ YD (P)	258		129		129					
	H	2331.508	TYPE 41 WEARING COURSE MIXTURE	TON	591		295.5		295.5					
(14)	H	2331.508	TYPE 31 WEARING COURSE MIXTURE	TON	287				179		108			
	H	2331.510	TYPE 31 BINDER COURSE MIXTURE	TON	895		447.5		447.5					
	H	2331.514	TYPE 31 BASE COURSE MIXTURE	TON	1804		902		902					
	H	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1028		514		514					
	G	2501.515	15" RC PIPE APRON	EACH	2								2	
(15)	G	2501.573	INSTALL CONCRETE APRON	EACH	2								2	
	G	0501.602	15" TRASH GUARD FOR PIPE APRON	EACH	2								2	
(15)	G	2503.541	15" RC PIPE SEWER DESIGN 3006	LIN FT	277								277	
	G	2503.571	INSTALL 15" RC PIPE	LIN FT	200								200	

\* DENOTES 50% COST SPLIT BETWEEN PARTICIPATING RAMSEY AND ANOKA COUNTY, ROADWAY ITEMS (EXCEPT CURB AND GUTTER)  
 \*\* DENOTES 50% COST SPLIT BETWEEN PARTICIPATING RAMSEY AND ANOKA COUNTY, STORM SEWER ITEMS


QUANTITY NOTES:

- (1) COMMON EXCAVATION INCLUDES SALVAGED TOPSOIL QUANTITY.
- (2) FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.
- (3) FOR USE AS DIRECTED BY THE ENGINEER.
- (4) INCLUDES 2 DELINEATORS.
- (5) INCLUDES 13,775 CU.YD. EXCAVATION IN MITIGATION AREA.
- (6) SEE SHEET 18 FOR BASIS OF QUANTITIES FOR SEED MIXTURES 100 AND 1200. INCLUDES QUANTITIES FOR MITIGATION AREA #3.
- (7) FERTILIZER IS REQUIRED FOR ROADSIDE SEEDING ONLY, MITIGATION AREAS WILL NOT REQUIRE FERTILIZATION.
- (8) INCLUDES 3,173 CU.YD. MUCK EXCAVATION FROM CHANNEL.
- (9) FOR MITIGATION AREAS 2 AND 3.
- (10) EACH SQUARE YARD OF BRIDGE APPROACH PANEL REQUIRES 36.4 POUNDS OF REBAR PLUS 3 EXTRA #5 BARS FOR EXPANSION JOINT IF NEEDED. BAR SPACING WILL BE 6" AND 12" (ALONG C) REGARDLESS OF SKEW.
- (11) PAYMENT FOR LOW SLUMP OVERLAY IS INCLUDED IN "BRIDGE PLAN 02553" INCLUDED WITH THIS PLAN SET.
- (12) WITH TRASH GUARD
- (13) SEE SHEET 7 AND 18B FOR QUANTITY DETERMINATION.
- (14) ITEMS ARE QUANTITIES FOR THE 8' WIDE BITUMINOUS PATH
- (15) INCLUDES QUANTITIES FOR PIPE EXTENSION AT LEXINGTON AVE. STA. 514+25

BASIS OF QUANTITIES

TYPE 31 - 115#/SQ YD/INCH  
 TYPE 41 - 115#/SQ YD/INCH  
 TACK COAT - .05 GAL/SQ YD/LAYER  
 SEED MIXTURE 600 - 75#/ACRE  
 MULCH TYPE 5 - 1500#/ACRE  
 FERTILIZER - 200#/ACRE

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the State of Minn. Statutes Sections 326.02 to 326.16.



PLANNING  
TRANSPORTATION  
ENGINEERING  
URBAN DESIGN  
(612) 370-0700  
800 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415

DESIGN BY: T.G. LB  
DRAWN BY: RSC  
CHECKED BY: T.G. LB

SURVEY BOOK

ORIGINAL DATE: 10/4/91
REVISIONS

COUNTY ROAD "J"  
 C.S.A.H. 32  
 RAMSEY/ANOKA COUNTY  
 ESTIMATED QUANTITIES