

CITY OF HAM LAKE

15544 Central Avenue NE
Ham Lake, Minnesota 55304
(763) 434-9555
info@ci.ham-lake.mn.us

CITY OF HAM LAKE

CITY COUNCIL AND ECONOMIC DEVELOPMENT AUTHORITY AGENDA

APRIL 1, 2024

- 1.0 CALL TO ORDER - 6:00 P.M. – Pledge of Allegiance**
- 2.0 PUBLIC COMMENT**
- 3.0 SPECIAL APPEARANCES/PUBLIC HEARINGS – None**
- 4.0 CONSENT AGENDA**

These items are considered to be routine and will be enacted in one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests, in which event the item will be removed from the Consent Agenda and considered in normal sequence. (All items listed on the Consent Agenda are recommended for approval.)

- 4.1 Approval of minutes of March 18, 2024
- 4.2 Approval of claims
- 4.3 Approval of the Ham Lake Member City Grant Agreement with Twin Cities Gateway
- 4.4 Approval of a Temporary On-Sale Liquor License for the Brown Boys Benefit (non-profit) at the Willow Tree Winery, 828 Constance Boulevard NE on July 19 and July 20, 2024
- 4.5 Approval of a Large Assembly License for the Ham Lake Chamber of Commerce at Lion's Park, 1220 157th Avenue NE, for the Freedom Festival on Saturday, June 29, 2024
- 4.6 Approval of an Off-Site Gambling Permit for the Ham Lake Chamber of Commerce to conduct bingo and pull-tabs on June 29, 2024 at Lion's Park, 1220 157th Avenue NE, for the Freedom Festival
- 4.7 Approval of a Field Party Permits for Maxx Bar & Grill, 17626 Central Avenue NE on May 17, 18 & 19, 2024 and September 27, 28 & 29, 2024
- 4.8 Approval of a Resolution for the application to the Minnesota Department of Natural Resources (DNR) for an Outdoor Recreation Grant Program for the proposed park upgrade in Hidden Forest East Park
- 4.9 Approval of a Resolution requesting the use of Anoka County Housing and Redevelopment Authority (HRA) funds to pay for the 2024 Voluntary Cost Sharing Agreement
- 4.10 Approval of a Resolution accepting a \$5,000 donation from the Ham Lake Fire Relief Association
- 4.11 Approval of a Resolution accepting the low bid for the replacement of County Ditch 58 cross-culvert underneath 152nd Avenue NE Project
- 4.12 Approval of Plans and Specifications and authorization to advertise for bids for the Meadow Park North of Constance Boulevard NE reconstruction project
- 4.13 Approval to award seal coating, striping/symbols and crack sealing to the low bidders, Allied Blacktop Company, Sir Lines-A-Lot, and Allied Blacktop Company
- 4.14 Approval of purchasing a used 2013 GMC 1-Ton Pick-up for the Fire Department
- 4.15 Road Committee Recommendations:
 - 1. Approval of the Expansion of the 2024 bituminous overlay project to include Idlewood 1st Addition, Idlewood 3rd Addition, 175th Lane NE West of Swedish Drive NE, Wisen's 11th Addition, Westlund's Creekside and a portion of McKay Drive NE
 - 2. Approval to Authorize the City Engineer to prepare the fiscal year 2026 LPP grant application for construction of the 162nd Lane NE and Buchanan Street NE backage road
 - 3. Approval of the proposed 901 Bunker Lake Boulevard NE cul-de-sac
 - 4. Approval of the MSA designation of Aberdeen Street NE and 165th Avenue and adoption of a Resolution

5.0 PLANNING COMMISSION RECOMMENDATIONS – None

6.0 ECONOMIC DEVELOPMENT AUTHORITY – None

7.0 APPEARANCES

7.1 Angela Brumbaugh – Discussion of Conduit Bonding request

8.0 CITY ATTORNEY

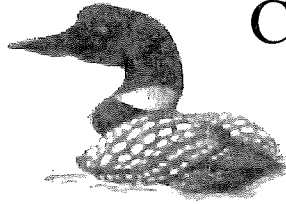
9.0 CITY ENGINEER

10.0 CITY ADMINISTRATOR

11.0 COUNCIL BUSINESS

11.1 Committee Reports

11.2 Announcements and future agenda items



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CITY OF HAM LAKE CITY COUNCIL AND ECONOMIC DEVELOPMENT AUTHORITY MINUTES MONDAY, MARCH 18, 2024

The Ham Lake City Council and Economic Development Authority met for its regular meeting on Monday, March 18, 2024 at 6:00 p.m. in the Council Chambers at the Ham Lake City Hall located at 15544 Central Avenue NE in Ham Lake, Minnesota.

MEMBERS PRESENT: Mayor Brian Kirkham and Councilmembers Gary Kirkeide, Jim Doyle, Jesse Wilken and Al Parranto

MEMBERS ABSENT: None

OTHERS PRESENT: City Attorney, Mark Berglund; City Engineer, Dave Krugler; and Deputy City Clerk, Dawnette Shimek

1.0 CALL TO ORDER - 6:00 P.M. – Pledge of Allegiance

Mayor Kirkham called the meeting to order and the Pledge of Allegiance was recited by all in attendance.

2.0 PUBLIC COMMENT – None

3.0 SPECIAL APPEARANCES/PUBLIC HEARINGS

3.1 Lt. Anthony Mendoza, Anoka County Sheriff's Office Monthly Report

Lt. Mendoza gave a summary of the Sheriff's Report for the month of February 2024.

3.2 6:01 P.M. – Public Hearing – to consider the vacation of a portion of the right-of-way and drainage and utility easements on Lot 11, Block 2 and Lot 9, Block 3, Hidden Forest East and adoption of Resolution No. 24-10

Mayor Kirkham opened the public hearing for comment at 6:05 p.m. and with there being no comment, Mayor Kirkham closed the public hearing at 6:05 p.m.

Motion by Kirkham, seconded by Parranto, to adopt Resolution No. 24-10 approving the vacation of a portion of the right-of-way and drainage and utility easements on Lot 11, Block 2 and Lot 9, Block 3, Hidden Forest East. All in favor, motion carried.

4.0 CONSENT AGENDA

These items are considered to be routine and will be enacted in one motion. There will be no separate discussion of these items unless a Councilmember or citizen so requests, in which event the item will be removed from the Consent Agenda and considered in normal sequence. (All items listed on the Consent Agenda are recommended for approval.)

4.1 Approval of minutes of March 4, 2024 and Workshop Minutes of March 4, 2024

4.2 Approval of claims in the amount of \$706,906.89

4.3 Approval of a Resolution supporting the Minnesota Associate of Community Telecommunications Administrators (MACTA)

Motion by Kirkham, seconded by Parranto, to approve the consent agenda with the omission of item 4.3. All in favor, motion carried.

Motion by Kirkeide, Seconded by Parranto, to table item 4.3 approving of a Resolution supporting the Minnesota Associate of Community Telecommunications Administrators (MACTA). All in favor, motion carried.

5.0 PLANNING COMMISSION RECOMMENDATIONS – None

6.0 ECONOMIC DEVELOPMENT AUTHORITY – None

7.0 APPEARANCES – None

8.0 CITY ATTORNEY

Attorney Berglund stated that complaints have been drafted regarding violations at Live Wire Electrical Services, LLC and Goodfellas Motors Inc. located at 13319 Aberdeen Street NE. Councilmember Kirkeide asked Attorney Berglund if Councilmembers or staff are contacted by Live Wire Electrical Services, LLC or Goodfellas Motors Inc. should inquiries be referred to the Attorney's Office. Attorney Berglund stated all inquires should be referred his office.

9.0 CITY ENGINEER – None

10.0 CITY ADMINISTRATOR – None

11.0 COUNCIL BUSINESS

11.1 Committee Reports

Councilman Doyle stated that a Road Committee meeting was held prior to the City Council meeting and it went well. The street overlay project for 2024 came in under budget and five additional projects can be added for this year and still keep the costs under the Engineer's projected costs. Councilmember Kirkeide stated that just 1-1/2 years ago, there was a \$3 million deficit and in 2028 the City will be in the black of \$700,000.00.

11.2 Announcements and future agenda items – None

Motion by Kirkeide, seconded by Parranto, to adjourn the meeting at 6:11 p.m. All in favor, motion carried.

Dawnette Shimek, Deputy City Clerk

CITY OF HAM LAKE
CLAIMS SUBMITTED TO COUNCIL
April 1, 2024

CITY OF HAM LAKE

EFTS, CHECKS, AND BANK DRAFTS		03/19/24 - 04/01/24	
EFT	# 2022 - 2032		\$ 7,543.58
REFUND CHECKS	#		
CHECKS	# 65935 - 65966		\$ 149,020.48
BANK DRAFTS	DFT0002688 -DFT0002695		\$ 33,586.43
TOTAL EFTS, CHECKS, AND BANK DRAFTS			<u>\$ 190,150.49</u>
PAYROLL CHECKS			
03/22/24	Direct Deposits		\$ 56,928.21
TOTAL PAYROLL CHECKS			<u>\$ 56,928.21</u>
VOID CHECKS			
CHECKS			\$ -
ZERO EFT			\$ -
BANK DRAFTS			\$ -
TOTAL VOIDS			<u>\$ -</u>
TOTAL OF ALL PAYMENTS			<u><u>\$ 247,078.70</u></u>

APPROVED BY THE HAM LAKE CITY COUNCIL THIS 1ST DAY OF APRIL 2024

MAYOR

COUNCILMEMBER

COUNCILMEMBER

COUNCILMEMBER

COUNCILMEMBER



Payment Dates 3/19/2024 - 4/1/2024

Payment Number	Vendor Name	Description (Item)	Account Name	Account Number	Amount
2022	ARAMARK UNIFORM & CAREE	PW UNIFORMS	Clothing & personal protectiv	100-43101-2210	92.94
2022	ARAMARK UNIFORM & CAREE	FIRST AID CABINET	Safety supplies	100-43101-2240	14.99
2022	ARAMARK UNIFORM & CAREE	PARK UNIFORMS	Clothing & personal protectiv	100-44101-2210	58.45
2022	ARAMARK UNIFORM & CAREE	PW UNIFORMS	Clothing & personal protectiv	100-43101-2210	96.89
2022	ARAMARK UNIFORM & CAREE	FIRST AID CABINET	Safety supplies	100-43101-2240	14.99
2022	ARAMARK UNIFORM & CAREE	PARK UNIFORMS	Clothing & personal protectiv	100-44101-2210	58.45
2023	BLAINE BROTHERS INC	#78 STEER AXLE ALIGNMENT	Vehicle repair & maintenance	100-43101-3470	367.41
2024	BRODIN PRESS	APRIL HAM LAKER	Editing	211-41704-3125	900.00
2025	CMT JANITORIAL SERVICES	SHERIFF'S OFFICE CLEANING	Cleaning service	100-41702-3430	153.00
2025	CMT JANITORIAL SERVICES	CITY HALL CLEANING	Cleaning service	100-41702-3430	612.00
2025	CMT JANITORIAL SERVICES	FIRE #1 CLEANING	Cleaning service	100-42202-3430	161.00
2025	CMT JANITORIAL SERVICES	FIRE #2 CLEANING	Cleaning service	100-42202-3430	151.00
2025	CMT JANITORIAL SERVICES	PW CLEANING	Cleaning service	100-43104-3430	148.00
2025	CMT JANITORIAL SERVICES	SR CENTER CLEANING	Cleaning service	100-44202-3430	300.00
2026	DELTA DENTAL PLAN OF MINN	APR COBRA - DK	COBRA receivable	100-11502	51.04
2026	DELTA DENTAL PLAN OF MINN	APR DENTAL	Dental Insurance	100-21711	810.03
2027	KILLMER ELECTRIC CO INC	SIGNAL REPAIR BUNKER & RA	Equipment repair & maintena	100-43401-3440	1,222.57
2028	O'REILLY AUTOMOTIVE STORE	#78 DRAG LINK, BALL JOINTS	Vehicle parts & supplies	100-43101-2340	418.49
2028	O'REILLY AUTOMOTIVE STORE	#78 HOSE, MEGACRIMPS	Vehicle parts & supplies	100-43101-2340	112.42
2028	O'REILLY AUTOMOTIVE STORE	#94 FLASHER	Equipment parts & supplies	100-43101-2320	23.74
2028	O'REILLY AUTOMOTIVE STORE	#47 SPRAY PAINT	Equipment parts & supplies	100-43101-2320	11.49
2029	QUADIANT LEASING USA INC	POSTAGE METER LEASE	Equipment rentals	100-41701-3320	308.04
2029	QUADIANT LEASING USA INC	POSTAGE METER LEASE	Equipment rentals	100-41701-3320	154.02
2029	QUADIANT LEASING USA INC	FEB - APR POSTAGE METER LE	Equipment rentals	100-41701-3320	462.06
2030	UNLIMITED SUPPLIES INC	LOCK NUTS, WASHERS, BOLTS	Operating supplies	100-43101-2290	59.56
2031	WICK COMMUNICATIONS-LEA	APR HAM LAKER	Printing	211-41704-3970	690.00
2032	WRUCK SEWER & PORTABLE	FEB HAM LAKE BOAT LANDIN	Rentals-other	100-44101-3390	45.50
2032	WRUCK SEWER & PORTABLE	FEB LION'S PLAYGROUND REN	Rentals-other	100-44101-3390	45.50
65935	A.R. WELDING	C CHANNEL 4 PRESS	Equipment repair & maintena	100-43101-3440	5.00
65935	A.R. WELDING	FIRE HOUSE LIFT (PIPE)	Equipment repair & maintena	100-43101-3440	25.00
65935	A.R. WELDING	#59 BKT	Equipment repair & maintena	100-43101-3440	25.00
65935	A.R. WELDING	#59 4 PCS STEEL	Equipment repair & maintena	100-43101-3440	60.00
65935	A.R. WELDING	FIRE DEPT	Equipment repair & maintena	100-43101-3440	150.00
65935	A.R. WELDING	#54 WELD BKT	Equipment repair & maintena	100-43101-3440	350.00
65935	A.R. WELDING	SNOW PLOW 2X6 TUBE	Equipment repair & maintena	100-43101-3440	75.00
65935	A.R. WELDING	#70	Equipment repair & maintena	100-43101-3440	600.00
65935	A.R. WELDING	#75 ARM	Equipment repair & maintena	100-43101-3440	100.00
65936	ADAM'S PEST CONTROL, INC	PEST INSPECTION & TREATME	Building repair & maintenanc	100-41702-3420	219.00
65937	ANOKA COUNTY FIRE PROTEC	AUDIT FEE ALLOCATION	Other communication	100-42201-3290	351.00
65937	ANOKA COUNTY FIRE PROTEC	SPECIAL RESCUE TEAM ALLOC	Other communication	100-42201-3290	418.00
65937	ANOKA COUNTY FIRE PROTEC	RMS FIXED COST	Other communication	100-42201-3290	1,712.00
65937	ANOKA COUNTY FIRE PROTEC	RMS COST ALLOCATION	Other communication	100-42201-3290	4,729.00
65937	ANOKA COUNTY FIRE PROTEC	PSDS ALLOCATION	Other communication	100-42201-3290	8,027.00
65938	ANOKA COUNTY PROPERTY	PW WASTE MANAGEMENT	Waste management & recycli	100-43104-3630	272.58
65938	ANOKA COUNTY PROPERTY	LION'S WASTE MANAGEMENT	Waste management & recycli	100-44102-3630	272.58
65939	ANOKA COUNTY PROPERTY	FIRE #2 WASTE MANAGEMEN	Waste management & recycli	100-42202-3630	155.54
65940	ANOKA COUNTY PROPERTY	CITY HALL WASTE MANAGEM	Waste management & recycli	100-41702-3630	181.72
65940	ANOKA COUNTY PROPERTY	FIRE #1 WASTE MANAGEMEN	Waste management & recycli	100-42202-3630	181.72
65940	ANOKA COUNTY PROPERTY	SR CENTER WASTE MANAGE	Waste management & recycli	100-44202-3630	181.72
65941	ANOKA COUNTY PROPERTY	HAM LAKE PARK WASTE MAN	Waste management & recycli	100-44102-3630	69.14
65942	ANOKA COUNTY PROPERTY	HAM LAKE BOAT LAUNCH	Waste management & recycli	100-44102-3630	53.24
65943	ANOKA COUNTY TREASURY D	MAR BROADBAND	Internet & website	100-41301-3220	37.50
65943	ANOKA COUNTY TREASURY D	MAR BROADBAND FIRE #2	Internet & website	100-41301-3220	75.00
65944	ASPEN MILLS INC	UNIFORM - PM	Clothing & personal protectiv	100-42201-2210	185.30

Payment Number	Vendor Name	Description (Item)	Account Name	Account Number	Amount
65945	BLAINE LOCK & SAFE, INC.	KEYS	Operating supplies	100-43101-2290	36.00
65946	COMCAST BUSINESS	FIRE #1 ADD'L CABLE BOX	Rentals-other	100-42201-3390	11.33
65947	CORPORATE 4 INS AGENCY	AGENCY RENEWAL FEE CMC 1	Other professional services	100-41701-3190	2,350.00
65948	DEARBORN LIFE INS CO	APRIL VOL LIFE	Life Insurance	100-21714	171.60
65948	DEARBORN LIFE INS CO	APRIL LIFE	Life Insurance	100-21714	54.40
65949	DEHN OIL CO	240 GAL GASOLINE	Fuel	100-43101-2230	680.23
65949	DEHN OIL CO	244 GAL DIESEL	Fuel	100-43101-2230	709.02
65950	DELL MARKETING L.P.	FIRE #1 OPTIPLEX 7010 COMP	Controllable assets	100-42201-5120	1,036.00
65951	EBERT COMPANIES	FIRE #3	Capital assets	420-42201-5110	27,592.27
65952	FIRE INSTRUCTION & RESCUE	AIR MONITORING - 4 GAS MO	Training/conferences/schools	100-42201-3510	650.00
65952	FIRE INSTRUCTION & RESCUE	INSTRUCTOR I CLASS - CS, PD,	Training/conferences/schools	100-42201-3510	1,800.00
65952	FIRE INSTRUCTION & RESCUE	INCIDENT COMMAND - PRE-I	Training/conferences/schools	100-42201-3510	650.00
65953	FIRE SAFETY USA INC	CLASS A FOAM	Operating supplies	100-42201-2290	659.70
65954	FLEETPRIDE	FILTERS	Operating supplies	100-43101-2290	-209.12
65954	FLEETPRIDE	#93 TURBOCHARGER CORE	Vehicle parts & supplies	100-43101-2340	894.00
65954	FLEETPRIDE	#93 TURBOCHARGER	Vehicle parts & supplies	100-43101-2340	1,498.57
65954	FLEETPRIDE	#93 TURBOCHARGER CORE	Vehicle parts & supplies	100-43101-2340	-894.00
65955	HEALTH PARTNERS INC	MARCH EAP	Other professional services	100-41701-3190	25.50
65956	MACQUEEN EQUIPMENT/MA	#68 RESISTOR	Equipment parts & supplies	100-43101-2320	52.41
65957	MENARDS-BLAINE	BLEACHER SUPPLIES (PINGER'	Controllable assets	440-44103-5120	69.06
65957	MENARDS-BLAINE	SURGE PROTECTOR, RAGS	Operating supplies	100-43101-2290	31.64
65958	MN/WI PLAYGROUND INC	LION'S PARK SHADE REPLACE	Capital assets	440-44103-5110	5,816.66
65958	MN/WI PLAYGROUND INC	HAM LAKE PARK SHADE REPL	Capital assets	440-44103-5110	11,633.34
65959	SUMMIT COMPANIES	FIRE EXTINGUISHER	Operating supplies	100-42201-2290	100.00
65960	TASC	MAY COBRA ADMINISTRATIO	Other professional services	100-41701-3190	26.74
65961	TJB HOMES INC	CANCEL PERMIT #2024-00041	Surcharge	100-22801	147.69
65961	TJB HOMES INC	CANCEL PERMIT #2024-00041	Building permits	100-32201	2,229.50
65961	TJB HOMES INC	CANCEL PERMIT #2024-00041	Plan checks	100-32210	1,449.18
65962	US BANK CORPORATE PAYME	ZOOM-Zoom March-DW	Dues & subscriptions	100-41201-3920	13.83
65962	US BANK CORPORATE PAYME	AMAZON-gaff tape-NW	Office supplies	100-41302-2110	68.80
65962	US BANK CORPORATE PAYME	AMAZON-label maker tape-N	Office supplies	100-41701-2110	25.36
65962	US BANK CORPORATE PAYME	AMAZON-rust stain remover-	Operating supplies	100-41701-2290	83.80
65962	US BANK CORPORATE PAYME	IOS-tp, trash bags, paper tow	Operating supplies	100-41701-2290	198.45
65962	US BANK CORPORATE PAYME	AMAZON-coffee, creamer-NW	Operating supplies	100-41701-2290	57.90
65962	US BANK CORPORATE PAYME	PANTHEON-website-NW	Software licenses & upgrades	100-41701-2510	300.00
65962	US BANK CORPORATE PAYME	AMAZON-grinder, impact wre	Covid 19	100-41701-4153	396.03
65962	US BANK CORPORATE PAYME	USPS-Send equipment for ser	Postage	100-42201-2120	12.30
65962	US BANK CORPORATE PAYME	PROPPER-Wildland Gear-MR	Clothing & personal protectiv	100-42201-2210	7,775.81
65962	US BANK CORPORATE PAYME	PROPPER-Wildland Gear-MR	Clothing & personal protectiv	100-42201-2210	1,784.91
65962	US BANK CORPORATE PAYME	HOLIDAY-Nonoxy gas-MR	Fuel	100-42201-2230	18.32
65962	US BANK CORPORATE PAYME	TRAFFIC SAFETY-Portable Safe	Operating supplies	100-42201-2290	310.80
65962	US BANK CORPORATE PAYME	AMAZON-trauma bags, AA ba	Operating supplies	100-42201-2290	268.38
65962	US BANK CORPORATE PAYME	AMAZON-oxygen masks, airw	Operating supplies	100-42201-2290	246.92
65962	US BANK CORPORATE PAYME	AMAZON-oxygen wrench, sur	Operating supplies	100-42201-2290	59.13
65962	US BANK CORPORATE PAYME	AMAZON-exam gloves-NW	Operating supplies	100-42201-2290	39.89
65962	US BANK CORPORATE PAYME	AMAZON-first aid supplies-N	Operating supplies	100-42201-2290	340.95
65962	US BANK CORPORATE PAYME	AMAZON-bandage shears-N	Operating supplies	100-42201-2290	35.85
65962	US BANK CORPORATE PAYME	IOS-toilet paper-NW	Operating supplies	100-42201-2290	27.58
65962	US BANK CORPORATE PAYME	AMAZON-pulse oximeters-N	Operating supplies	100-42201-2290	38.64
65962	US BANK CORPORATE PAYME	TOP A TRUCK-R3 Brush Guard	Vehicle parts & supplies	100-42201-2340	839.00
65962	US BANK CORPORATE PAYME	AMAZON-fire pump bags-NW	Small tools	100-42201-2410	1,199.94
65962	US BANK CORPORATE PAYME	LOWES-Small tools-MR	Small tools	100-42201-2410	499.56
65962	US BANK CORPORATE PAYME	MN IAAl-Conference for Lew-	Training/conferences/schools	100-42201-3510	275.00
65962	US BANK CORPORATE PAYME	MSFCA-2024 Membership-M	Dues & subscriptions	100-42201-3920	340.00
65962	US BANK CORPORATE PAYME	NVFC-2024 Membership-MR	Dues & subscriptions	100-42201-3920	21.00
65962	US BANK CORPORATE PAYME	AMAZON-#94 drain valve-NW	Equipment parts & supplies	100-43101-2320	14.84
65962	US BANK CORPORATE PAYME	AMAZON-#78 ball joints-NW	Vehicle parts & supplies	100-43101-2340	65.99
65962	US BANK CORPORATE PAYME	AMAZON-battery adapter-NW	Small tools	100-43101-2410	16.81
65962	US BANK CORPORATE PAYME	AAA IND'L SUPPLY-Gate Lock-J	Building repair & maintenanc	100-43104-2310	295.02
65962	US BANK CORPORATE PAYME	GOKEYLESS-Gate Lock-JW	Building repair & maintenanc	100-43104-2310	52.95

Payment Number	Vendor Name	Description (Item)	Account Name	Account Number	Amount
65962	US BANK CORPORATE PAYME	CENTRAL TRAILER-#107 Gate	Equipment parts & supplies	100-44101-2320	45.84
65962	US BANK CORPORATE PAYME	DNR-HL PARK IRRIGATION PER	Dues & subscriptions	100-44101-3920	400.00
65965	WARNING LITES OF MN INC	STREET MARKINGS	Blacktop maintenance	100-43101-3410	35,620.74
65966	Z SYSTEMS	FIRE #3 VIDEO EQUIPMENT	Capital assets	210-41705-5110	19,446.38
DFT0002688	COMPENSATION CONSULTAN	Health Savings Account	HSA Account	100-21712	150.00
DFT0002689	EMPOWER	Deferred Compensation	Deferred compensation	100-21704	2,210.00
DFT0002689	EMPOWER	Roth IRA	Deferred compensation	100-21704	200.00
DFT0002690	EMPOWER-HCSP	PTO Pay Out	Other payroll deductions	100-21706	1,606.80
DFT0002691	IRS-Payroll Tax	Federal Withholding	Federal WH/FICA/MC	100-21701	6,469.38
DFT0002691	IRS-Payroll Tax	Medicare Payable	Federal WH/FICA/MC	100-21701	2,035.80
DFT0002691	IRS-Payroll Tax	Social Security Payable	Federal WH/FICA/MC	100-21701	8,065.38
DFT0002692	MN STATE DEPT OF REVENUE-	MN State Withholding	State W/H	100-21702	2,798.34
DFT0002693	PERA	Retirement-Coordinated	PERA	100-21703	7,341.70
DFT0002693	PERA	Retirement-Elected Officials	PERA	100-21703	81.68
DFT0002693	PERA	Retirement-Police & Fire	PERA	100-21703	1,280.53
DFT0002694	US POSTMASTER	SR CENTER POSTAGE	Postage Liability	100-20204	42.30
DFT0002695	US POSTMASTER	HAM LAKER POSTAGE	Postage	211-41704-2120	1,304.52
Grand Total:					190,150.49

Report Summary

Fund Summary

Fund	Payment Amount
100 - GENERAL	122,698.26
210 - CABLE TV	19,446.38
211 - HAM LAKER	2,894.52
420 - FIRE EQUIPMENT	27,592.27
440 - PARK & BEACH LAND	17,519.06
Grand Total:	190,150.49

Account Summary

Account Number	Account Name	Payment Amount
100-11502	COBRA receivable	51.04
100-20204	Postage Liability	42.30
100-21701	Federal WH/FICA/MC	16,570.56
100-21702	State W/H	2,798.34
100-21703	PERA	8,703.91
100-21704	Deferred compensation	2,410.00
100-21706	Other payroll deductions	1,606.80
100-21711	Dental Insurance	810.03
100-21712	HSA Account	150.00
100-21714	Life Insurance	226.00
100-22801	Surcharge	147.69
100-32201	Building permits	2,229.50
100-32210	Plan checks	1,449.18
100-41201-3920	Dues & subscriptions	13.83
100-41301-3220	Internet & website	112.50
100-41302-2110	Office supplies	68.80
100-41701-2110	Office supplies	25.36
100-41701-2290	Operating supplies	340.15
100-41701-2510	Software licenses & upgr	300.00
100-41701-3190	Other professional servi	2,402.24
100-41701-3320	Equipment rentals	924.12
100-41701-4153	Covid 19	396.03
100-41702-3420	Building repair & mainte	219.00
100-41702-3430	Cleaning service	765.00
100-41702-3630	Waste management & r	181.72
100-42201-2120	Postage	12.30
100-42201-2210	Clothing & personal prot	9,746.02
100-42201-2230	Fuel	18.32
100-42201-2290	Operating supplies	2,127.84
100-42201-2340	Vehicle parts & supplies	839.00
100-42201-2410	Small tools	1,699.50
100-42201-3290	Other communication	15,237.00
100-42201-3390	Rentals-other	11.33
100-42201-3510	Training/conferences/sc	3,375.00
100-42201-3920	Dues & subscriptions	361.00
100-42201-5120	Controllable assets	1,036.00
100-42202-3430	Cleaning service	312.00
100-42202-3630	Waste management & r	337.26
100-43101-2210	Clothing & personal prot	189.83
100-43101-2230	Fuel	1,389.25
100-43101-2240	Safety supplies	29.98
100-43101-2290	Operating supplies	-81.92
100-43101-2320	Equipment parts & suppl	102.48
100-43101-2340	Vehicle parts & supplies	2,095.47
100-43101-2410	Small tools	16.81
100-43101-3410	Blacktop maintenance	35,620.74
100-43101-3440	Equipment repair & mai	1,390.00
100-43101-3470	Vehicle repair & mainten	367.41

Account Summary

Account Number	Account Name	Payment Amount
100-43104-2310	Building repair & mainte	347.97
100-43104-3430	Cleaning service	148.00
100-43104-3630	Waste management & r	272.58
100-43401-3440	Equipment repair & mai	1,222.57
100-44101-2210	Clothing & personal prot	116.90
100-44101-2320	Equipment parts & suppl	45.84
100-44101-3390	Rentals-other	91.00
100-44101-3920	Dues & subscriptions	400.00
100-44102-3630	Waste management & r	394.96
100-44202-3430	Cleaning service	300.00
100-44202-3630	Waste management & r	181.72
210-41705-5110	Capital assets	19,446.38
211-41704-2120	Postage	1,304.52
211-41704-3125	Editing	900.00
211-41704-3970	Printing	690.00
420-42201-5110	Capital assets	27,592.27
440-44103-5110	Capital assets	17,450.00
440-44103-5120	Controllable assets	69.06
	Grand Total:	190,150.49

Project Account Summary

Project Account Key	Payment Amount
line	190,150.49
Grand Total:	190,150.49



City of Ham Lake, MN

EFT Payroll Check Register

Report Summary

Pay Period: 3/3/2024-3/16/2024

Packet: PYPKT01601 - PPE 03/16/24 PAID 03/22/24

Payroll Set: City of Ham Lake - 01

Type	Count	Amount
Regular Checks	0	0.00
Manual Checks	0	0.00
Reversals	0	0.00
Voided Checks	0	0.00
Direct Deposits	113	56,928.21
Total	113	56,928.21

Meeting Date: April 1, 2024

CITY OF HAM LAKE

STAFF REPORT

To: Mayor and Councilmembers

From: Denise Webster, City Administrator

Subject: Twin Cities Gateway Grant Agreement

Introduction/Discussion: Twin Cities Gateway (TCG) has informed us that Ham Lake is eligible to receive \$8,100 for marketing and promotional expenses to increase participation or enhance an event happening within the City.

The necessary invoices for the expenditures and the reimbursement requests will be added to a future Council's bill list for approval once the grant is received.

Recommendation: I recommend approval of the 2024 Member City Grant Agreement with Twin Cities Gateway.



Ham Lake 2024 Member City Grant Agreement

This Agreement between the City of Ham Lake, 15544 Central Avenue NE, Ham Lake, MN 55304 there in after the "City," and Twin Cities Gateway, a Minnesota non-profit corporation, 7071 University Ave NE Fridley, MN 55432, hereinafter the "Bureau," contains the terms and conditions for a grant to the City in the amount of \$8,100 from the Bureau to the City.

Whereas the grant funding provided is based on local option lodging taxes collected by the City and the nine other member cities of the Bureau and

Whereas the City agrees to expend the grant funding in compliance with MN Statute 469.10 which states that gross proceeds from any tax imposed shall be used for the purpose of marketing and promoting the City as a tourist or convention center and

Whereas the Bureau has specified that grant funds must be used for advertising, marketing, and promotional efforts to increase participation, attendance, or visitation to an event, activity, or facility located within the City, and / or to add new activities to enhance existing events, and

Whereas the Bureau specifies that advertising, marketing, and promotional efforts for which said grant funding is used must extend beyond the borders, or boundaries of the City and

Whereas it is agreed that prior to December 31, 2024, the City of Ham Lake will provide an overview of how the Bureau grant funding was used, as well as provide documentation of expenses via copies of actual receipts or invoices in accordance with this Agreement and

Now by execution of this Agreement, the City and the Bureau agree to and approve the terms.

By: City of Ham Lake

By: Al Stauffacher/ Twin Cities Gateway

Signature

Signature

Date: _____

Date: _____

Meeting Date: April 1, 2024



**CITY OF HAM LAKE
STAFF REPORT**

To: Mayor and Councilmembers

From: Dawnette Shimek, Deputy City Clerk

Item/Title/Subject: Temporary One-Day (up to 4 days) Liquor License

Introduction/Discussion: Attached is an application from the Brown Boys Benefit requesting a Temporary One-Day (up to 4 days) Liquor License at Willow Tree Vineyard at 828 Constance Boulevard NE for Friday, July 19, 2024 and Saturday, July 20, 2024.

Recommendation: I recommend approval of the Temporary One-Day (up to 4 days) Liquor License for the Brown Boys Benefit for Friday, July 19, 2024 and Saturday, July 20, 2024.



Minnesota Department of Public Safety
Alcohol and Gambling Enforcement Division
445 Minnesota Street, Suite 1600, St. Paul, MN 55101
651-201-7507 TTY 651-282-6555
**APPLICATION AND PERMIT FOR A 1 DAY
TO 4 DAY TEMPORARY ON-SALE LIQUOR LICENSE**

Name of organization: Brown Boys Benefit Date of organization: 3/9/19 Tax exempt number: 81-5087973

Organization Address (No PO Boxes): 13216 Urbank Ct NE City: Blaine State: MN Zip Code: 55449

Name of person making application: Andrew Brown Business phone: 612-812-9947 Home phone: _____

Date(s) of event: 7/19/24 + 7/20/24 Type of organization: Microdistillery Small Brewer
 Club Charitable Religious Other non-profit

Organization officer's name: Andrew Brown City: Blaine State: MN Zip Code: 55449

Organization officer's name: Jerry Brown City: Blaine State: MN Zip Code: 55449

Organization officer's name: Caitlin Fisher City: Coon Rapids State: MN Zip Code: 55418

Location where permit will be used. If an outdoor area, describe.
Willow Tree Winery - field in front
228 Constance Blvd NE Ham Lake, MN 55304

If the applicant will contract for intoxicating liquor service give the name and address of the liquor license providing the service.
Liquid Motion, LLC 10722 Major Ave N
Brooklyn Park MN 55443

If the applicant will carry liquor liability insurance please provide the carrier's name and amount of coverage.
MNSTAR INSURANCE/ATLAS INSURANCE BROKERS
\$1,000,000

APPROVAL

APPLICATION MUST BE APPROVED BY CITY OR COUNTY BEFORE SUBMITTING TO ALCOHOL AND GAMBLING ENFORCEMENT

Ham Lake
City or County approving the license

Date Approved

10.00 R#99093
Fee Amount

Permit Date

Event in conjunction with a community festival Yes No

City or County E-mail Address

16,524
Current population of city

Please Print Name of City Clerk or County Official

Signature City Clerk or County Official

CLERKS NOTICE: Submit this form to Alcohol and Gambling Enforcement Division 30 days prior to event
No Temp Applications faxed or mailed. Only emailed.
ONE SUBMISSION PER EMAIL, APPLICATION ONLY.
PLEASE PROVIDE A VALID E-MAIL ADDRESS FOR THE CITY/COUNTY AS ALL TEMPORARY PERMIT APPROVALS WILL BE SENT BACK VIA EMAIL. E-MAIL THE APPLICATION SIGNED BY CITY/COUNTY TO AGE.TEMPORARYAPPLICATION@STATE.MN.US

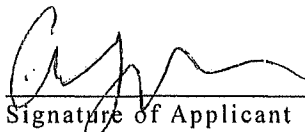
CITY OF HAM LAKE
TENNESSEN WARNING

In connection with your request for a license the City of Ham Lake has asked that you provide information about yourself which is classified as either *private* or *confidential* by the Minnesota Government Data Practices Act (M.S.A. 13.04). Accordingly, the City is required to inform you of the following:

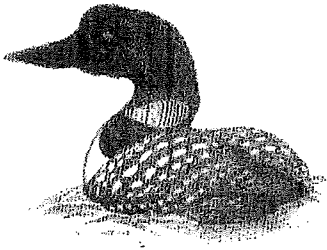
1. The private or confidential information requested includes, but may not necessarily be limited to, the following: *Your social security number or Minnesota business identification number.*
2. The purpose and intended use of the information requested is: *To comply with Minnesota Statutes, Section 270.72.*
3. You are required to supply the requested information.
4. The known consequences of supplying the requested information are as follows: *Loss or denial of the requested license if you owe the State of Minnesota delinquent taxes, penalties or interest.*
5. The known consequences of refusing to supply the requested information is: *Your request for a license cannot be processed.*
6. The following persons and entities are authorized by law to receive the information if provided: *State of Minnesota – Department of Revenue and other government agencies as provided by law.*

The undersigned, by signing this notice, acknowledges that he/she has read and understood the contents of this notice.

3/28/20
Date


Signature of Applicant

Andy Brown
Print Name



CITY OF HAM LAKE

15544 Central Avenue NE
Ham Lake, Minnesota 55304
(763) 434-9555
info@ci.ham-lake.mn.us

Receipt # 99135
Fee \$100.00

CITY OF HAM LAKE LARGE ASSEMBLY LICENSE APPLICATION

Name of Organization Ham Lake Area Chamber of Commerce

Contact Person (1) Kari Lund Phone 612-209-0539

Contact Person (2) _____ Phone _____

Contact Person (3) _____ Phone _____

Applicant's Address 15544 Central Ave NE, Ham Lake, MN 55304

Name & Address of Person(s) responsible for payment of bills: same as above

I, Kari Lund hereby make application of behalf of Ham Lake Area Chamber of Commerce

Corporation Partnership Society, Group of Association Other _____

(In the case of a corporation or LLC, a certified copy of the Articles of Incorporation/Organization together with the name, date of birth, residence, and mailing address of each person holding 10 percent or more of the stock or membership of said corporation or LLC)

to the City of Ham Lake for a license to permit the lawful assembly of over 200 persons on the following described property:

Ham Lake Lions Park at 1220 157th Ave NE, Ham Lake 55304

The nature and purpose of the assembly will be as follows: Freedom Festival

The assembly will be held on the 29th day of June, 2024 between the hours of 1:00pm AM/PM and 11:00pm AM/PM.

The maximum number of persons I will permit to attend are 5000 persons. The maximum number of event tickets to be sold, if applicable are _____.

OUTDOOR MUSIC – Will there be outdoor music? Yes No

If yes, please describe: Christopher Daniel Hanson Band

Outdoor music: Start Time 7:00pm AM/PM End Time 10:00pm AM/PM

1. MY PLANS FOR FENCING the location of the assembly and the gates contained in such fence:
no fencing except to block off earlier in the day where food trucks, ACSO and FD will be

2. MY PLANS FOR SUPPLYING POTABLE WATER, including the source, amount available and location of outlets:

drinking fountain at concessions building, usable hose for potable water inside there for the food vendors

food vendors also selling/giving away bottled water

3. MY PLANS FOR PROVIDING TOILET AND LAVATORY FACILITIES including the source, number, location, type and means of disposing of waste. Advise of number of portable restrooms to be supplied on premises:

utilize existing restroom building plus have additional 12 port a potties for the event

4. MY PLANS FOR HOLDING, collecting and disposing of solid waste material:

working with public works to be sure we have enough dumpsters and waste receptacles positioned around the park

5. MY PLANS TO PROVIDE FOR MEDICAL FACILITIES, including the location and the construction of a medical structure, the names, addresses and hours of availability of physicians and nurses, and provisions for emergency ambulance service:

Both the ACSO and HL Fire Dept will be onsite. Event committee has cell phones on hand in case we need to call for any emergencies

6. MY PLANS, IF ANY, TO ILLUMINATE the location of the assembly, including the amount of power and the location of lights:

existing park and pavilion lights

7. MY PLANS FOR PARKING VEHICLES, including size and location of lots, points of highway access and interior routes between highway access and parking lots:

existing parking lots, side streets and along one side of 157th as per previous years.

8. MY PLANS FOR TELEPHONE SERVICE, including the source, number and location of telephones:

cell phones on hand for all event committee located in the chamber tent

9. MY PLANS FOR SECURITY, including the number of guards, their employment, their names, addresses, credentials and hours of availability:

Anoka County Sheriff's Office will be present

10. MY PLANS FOR FIRE PROTECTION:

HL Fire Dept will be present

11. MY PLANS FOR SOUND CONTROL AND SOUND AMPLIFICATION, if any, including number and location and power of amplifiers and speakers:

Band will be playing from pavillion. They have a specified sound technician to contol volume as needed

12. MY PLANS FOR FOOD CONCESSIONS and concessionaires who will be allowed to operate on the grounds, including the names and addresses of all concessionaires and their license or permit numbers:

Route 65, KCM Eggrolls, Ham Lake Lions Club, Blue House Corn Company

Taullele Concessions, White Rabbit Kitchen, The Parlor, Mansetti's, Now That's Waffles

13. MY PLANS FOR AREA TRAFFIC CONTROL for egress from and exit onto public roads and highway:

ACSO will be directing traffic after the fireworks are finished

14. MY PLANS FOR COMPLYING WITH THE INSURANCE REQUIREMENT (Article 7-622 (F):
will be getting event specific insurance with City of Ham Lake listed as

additional insured - will provide a copy once I have it - see attached!


15. I HAVE ATTACHED A SITE PLAN DRAWN AT SCALE OF 1INCH = 50 FEET. (The site plan shows the dimensioned locations of all activities, structures, parking and driveways, concession areas, restrooms/toilets facilities, vendor booths, tents or other vendor areas, and any other physical features to be involved.)

16. I ACKNOWLEDGE THAT I HAVE RECEIVED AND READ ARTICLE 7-620 OF THE HAM LAKE CITY CODE pertaining to Large Assembly rules/regulations.

I, Kari Lund being duly sworn upon oath, hereby make application for a license to permit a large assembly in the City of Ham Lake, Minnesota.

Applicant knows the contents of this application and supporting affidavits and that the statements herein are true or his/her own knowledge, save as to such as are herein stated information and belief, and as to those, he/she believes them to be true.

APPLICANT:


Signature

3/25/2024
Date

OWNER OF RECORD of the above- described property, if different than applicant, must grant permission to hold an assembly of 200 or more persons by signing this form.

PROPERTY OWNER: (if different than applicant)

Signature

Date

APPROVED WITH THESE CONTINGENCIES:

All food vendors must obtain Permit from Anoka County, and Transient Sales merchants must obtain License from the City of Ham Lake.

- Applicant must pay the Anoka County Sheriff's Office for _____ Deputies.
- Applicant must provide _____ portable restrooms.
- Applicants must install barricades and remove barricades.
- Applicant is responsible for picking up litter from the park immediately after the event.
- The hours of outdoor music are limited to _____ AM/PM to _____ AM/PM.

Other:

APPROVAL OF THE LARGE ASSEMBLY PERMIT

Approved by the Planning Commission

Signature

Date

Approved by the Anoka County Sheriff's Office

Signature

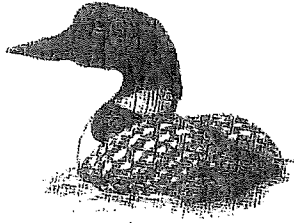
Date

Referred and Approved by _____

City Administrator

Date

Approved by the Ham Lake City Council on this _____ day of _____, 2024 .



CITY OF HAM LAKE

15544 Central Avenue NE
Ham Lake, Minnesota 55304
(763) 434-9555
info@ci.ham-lake.mn.us

NOTICE TO ALL APPLICANTS FOR MUNICIPAL PERMITS, LICENSES, OR OTHER MUNICIPAL ACTION

1. If you are requesting municipal action on any request for any of the above, you will be required to furnish certain information about yourself, the project you are involved in, or other matters pertaining to the subject. Some of the information you are asked to provide is classified by state law as either private or confidential. Private data is information which generally cannot be given to the public but can be given to the subject of the data. Confidential data is information which generally cannot be given to either the public or the subject of the data.
2. The purpose of this information is to enable the City Staff, Commissions, Council or other government agencies to evaluate relevant factors in considering your request. You are not legally required to provide this information. If you do not provide the requested information, the City may not act upon your request.
3. The information you supply will be public and available to any entity requesting to inspect the information.

DATA PRACTICES ADVISORY

TENNESSEN WARNING

REQUIRED BY MINNESOTA STATUTES CHAPTER 13.04

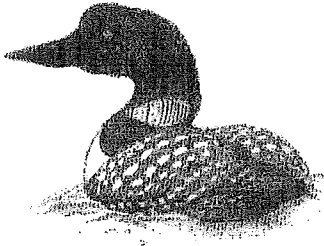
SIGNED BY: _____

COMPANY/TITLE: _____

Ham Lake Chamber of Commerce

DATE: _____

3-24-24



CITY OF HAM LAKE

15544 Central Avenue NE
Ham Lake, Minnesota 55304
(763) 434-9555
info@ci.ham-lake.mn.us

ACKNOWLEDGEMENT OF RESPONSIBILITY TO REIMBURSE EXPENSES

The undersigned, Kari Lund, having applied to the City of Ham Lake for consideration of a planning and zoning request, or any other permit, license, or action requiring review and/or approval of the City, as follows:

_____ acknowledges that the sum of \$ _____, has been deposited with the City of Ham Lake to reimburse the City of Ham Lake for any out of pocket expenses incurred by the City in reviewing the proposal, including but not limited to a staff review fee, any signage required by ordinance, and City Engineer and City Attorney's fees for their review, in amounts which are not know to the City at this time. The applicant acknowledges that it is the responsibility of the undersigned to reimburse the City for any such engineering or attorney's fees incurred in review of the applicant's request, or any other expenses incurred by the City in connection with this request, and further acknowledges that in the event that the undersigned fails to promptly remit and amounts incurred by the City in excess of the deposit, the City shall have the right to discontinue further consideration or action upon the undersigned's request, shall have the right to rescind any approvals, withdraw any permits, licenses or other consents, shall have the right to vacate any street or road, plat or other dedication, and the undersigned waives the right to claim damages arising out of any such act by the City. Furthermore, the applicant agrees that in the event that the City is required to take legal action in order to effect recovery of any of the expenses incurred by the City from the undersigned, the City shall be entitled, in addition to principle and interest, to recover its reasonable attorney's fees incurred in collecting said sums from the undersigned.

Applicant Signature _____

Dated _____

3-21-24

The following statement must be signed if the applicant is not the property owner:

_____, as owner of the property involved in the foregoing application, agrees to be jointly and severally liable for payment of the foregoing fees.

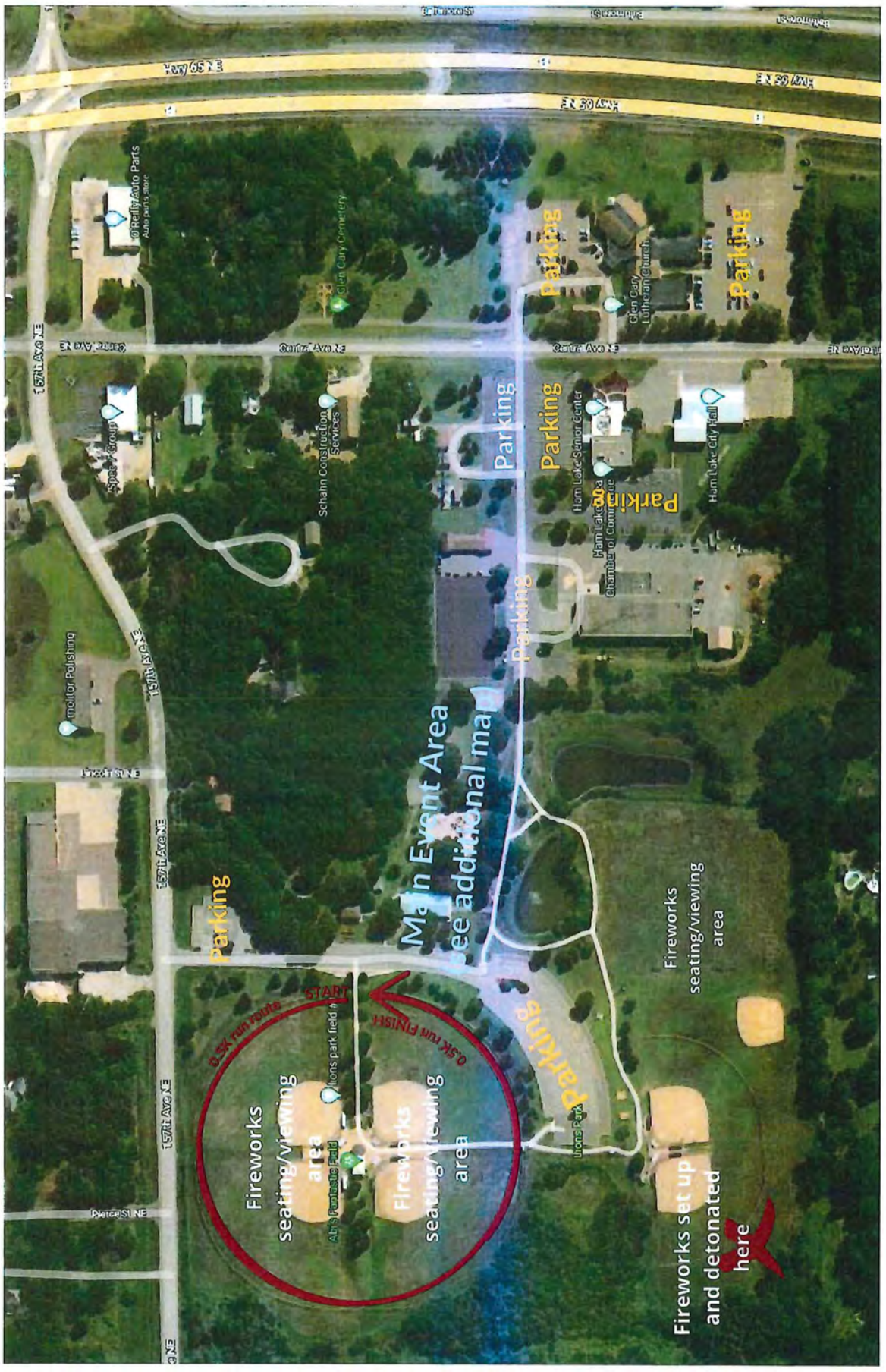
Property Owner Signature _____

Dated _____

Freedom Festival Event Map - Detail



Freedom Festival Event Map - Entire Park Area



LG230 Application to Conduct Off-Site Gambling

No Fee

ORGANIZATION INFORMATION

Organization Name: Ham Lake Chamber of Commerce License Number: 07948

Address: 15514 Central Ave. NE City: Ham Lake, MN Zip: 55304

Chief Executive Officer (CEO) Name: Tim Sofie Daytime Phone: 763-434-3011

Gambling Manager Name: Carnie Folstrom Daytime Phone: 612-396-9163

GAMBLING ACTIVITY

Twelve off-site events are allowed each calendar year not to exceed a total of 36 days.

From 6/29/24 to 6/29/24

Check the type of games that will be conducted:

- Raffle
- Pull-Tabs
- Bingo
- Tipboards
- Paddlewheel

GAMBLING PREMISES

Name of location where gambling activity will be conducted: Ham Lake Lions Park

Street address and City (or township): 1220 151st Ave. Ham Lake, MN. ~~615~~ Zip: 55304 County: Anoka

- Do not use a post office box.
- If no street address, write in road designations (example: 3 miles east of Hwy. 63 on County Road 42).

Does your organization own the gambling premises?

- Yes** If yes, a lease is not required.
- No** If no, the lease agreement below must be completed, and signed by the lessor.

LEASE AGREEMENT FOR OFF-SITE ACTIVITY (a lease agreement is not required for raffles)

Rent to be paid for the leased area: \$ _____ (if none, write "0")

All obligations and agreements between the organization and the lessor are listed below or attached.

- Any attachments must be dated and signed by both the lessor and lessee.
- This lease and any attachments is the total and only agreement between the lessor and the organization conducting lawful gambling activities.
- Other terms, if any:

Lessor's Signature: _____ Date: _____

Print Lessor's Name: _____

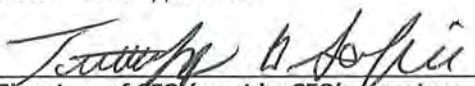
Acknowledgment by Local Unit of Government: Approval by Resolution

<p align="center">CITY APPROVAL for a gambling premises located within city limits</p>	<p align="center">COUNTY APPROVAL for a gambling premises located in a township</p>
<p>City Name: _____</p> <p>Date Approved by City Council: _____</p> <p>Resolution Number: _____ (If none, attach meeting minutes.)</p> <p>Signature of City Personnel: _____</p> <p>Title: _____ Date Signed: _____</p>	<p>County Name: _____</p> <p>Date Approved by County Board: _____</p> <p>Resolution Number: _____ (If none, attach meeting minutes.)</p> <p>Signature of County Personnel: _____</p> <p>Title: _____ Date Signed: _____</p> <p>TOWNSHIP NAME: _____</p>
<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Local unit of government must sign.</p> </div>	<p>Complete below only if required by the county. On behalf of the township, I acknowledge that the organization is applying to conduct gambling activity within the township limits. (A township has no statutory authority to approve or deny an application, per Minnesota Statutes 349.213, Subd. 2.)</p> <p>Print Township Name: _____</p> <p>Signature of Township Officer: _____</p> <p>Title: _____ Date Signed: _____</p>

CHIEF EXECUTIVE OFFICER (CEO) ACKNOWLEDGMENT

The person signing this application must be your organization's CEO and have their name on file with the Gambling Control Board. If the CEO has changed and the current CEO has not filed a LG200B Organization Officers Affidavit with the Gambling Control Board, he or she must do so at this time.

I have read this application, and all information is true, accurate, and complete and, if applicable, agree to the lease terms as stated in this application.


2-21-24

Signature of CEO (must be CEO's signature; designee may not sign) _____ Date _____

<p>Mail or fax to:</p> <p>Minnesota Gambling Control Board Suite 300 South 1711 West County Road B Roseville, MN 55113 Fax: 651-639-4032</p>	<p>No attachments required.</p> <p>Questions? Contact a Licensing Specialist at 651-539-1900.</p>
---	--

This publication will be made available in alternative format (i.e. large print, braille) upon request.

<p>Data privacy notice: The information requested on this form (and any attachments) will be used by the Gambling Control Board (Board) to determine your organization's qualifications to be involved in lawful gambling activities in Minnesota. Your organization has the right to refuse to supply the information; however, if your organization refuses to supply this information, the Board may not be able to determine your organization's qualifications and, as a consequence, may refuse to issue a permit. If your organization supplies the information requested, the Board will be able to process your organization's application.</p> <p>Your organization's name and address will be public information when received by the Board. All other information provided will be private data about your organization until the Board issues the permit. When the Board issues the permit, all information provided will become public.</p>	<p>If the Board does not issue a permit, all information provided remains private, with the exception of your organization's name and address which will remain public.</p> <p>Private data about your organization are available to: Board members, Board staff whose work requires access to the information; Minnesota's Department of Public Safety; Attorney General; commissioners of Administration, Minnesota Management & Budget, and Revenue; Legislative Auditor; national and international gambling regulatory agencies; anyone pursuant to court order; other individuals and agencies specifically authorized by state or federal law to have access to the information; individuals and agencies for which law or legal order authorizes a new use or sharing of information after this notice was given; and anyone with your written consent.</p>
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CITY OF HAM LAKE

15544 Central Ave NE
Ham Lake, MN 55304
763-494-9555
info@ci.ham-lake.mn.us

Fee \$30.00 Receipt # 99137
Temporary Commercial Structure
Permit Required YES or NO

FIELD PARTY LICENSE APPLICATION

24-0004

Name of Applicant: Bruce Westman
Address: 3237 168th Ln NW
City: Andover State: MN Zip: 55304
Phone: 612-834-0694 Email: ginnym1946@hotmail.com

(If more than one applicant, provide the information on reverse side.)

- Location of Party: (street address or attach a map detailing location):
Maxx Bar & Grill
17646 Central Ave.
Ham Lake, MN 55304
- Date party is to be held: May 17, 18, 19 - 2024
- Hours during which party will be held: 5-12
- Expected number of guests: 195
- Name of Owner of land: Maxx Bar & Grill
Address: 17646 Central Ave.
- City: Ham Lake State: MN Zip: 55304
Phone: 763-434-4970 Email: ginnym1946@hotmail.com

(NOTE: Written permission from Owner must be furnished prior to issuance of license, see page 2.)

- Will intoxicating beverages or non-intoxicating malt liquor (3.2 Beer) be present? Yes No
 - If yes, will there be a fee charged? Yes No
 - Will voluntary contributions to defray costs be accepted? Yes No
- Described the following plans:
 - How will the Party be illuminated?
Parking Lot Lights, interior Lights
 - What means will be available to summon emergency vehicles if needed?
phones
 - Describe the means of access to the Party location for emergency vehicles, including the location of nearby public roads:
access road

d) How will you accommodate parking?

parking lot

e) Will you have live music or other entertainment? (if yes please explain):

yes - music from 8PM - midnight

9. If in commercial zoning, will a tent be erected on the site? Yes No

If yes, a Temporary Commercial Structure Permit will be required through the Building Department.

Bruce Westman

Applicant's Signature

3-27-24

Date

Permission of Property Owner

I, Bruce Westman of (address) 17646 Central Ave., Ham Lake certify that I am the owner of the property upon which the field party is the subject to the above application is to be held, and that I have granted my permission for the conduction of said field party.

Bruce Westman

Property Owner's Signature

3-27-24

Date

Other:

Any license issued shall be subject to the following conditions, which shall be printed on the face of the license, and shall read as follows:

"This license shall be rendered void if any of the following conditions are found to exist at the field party site."

1. The commission of the crime of assault, disorderly conduct, or breach of the peace by any participant on the field party site;
2. The consumption or possession of any intoxicating beverage or non-toxicating malt liquor by any person 21 years of age or younger.
3. The failure of any applicant to be physically present at the field party site during the entire duration of the field party.
4. The maintenance of any nuisance under any existing or future municipal ordinance.

Upon observing the violation of any of the conditions of a license, a peace officer shall declare the license to be void, and shall order the participants to disperse.



NOTICE TO ALL APPLICANTS FOR MUNICIPAL PERMITS, LICENSES OR OTHER MUNICIPAL ACTION

1. If you are requesting municipal action on any request for any of the above, you will be required to furnish certain information about yourself, the project you are involved in, or other matters pertaining to the subject. Some of the information you are asked to provide is classified by state law as either private or confidential. Private data is information which generally cannot be given to the public but can be given to the subject of the data. Confidential data is information which generally cannot be given to either the public or the subject of the data.
2. The purpose of this information is to enable the City Staff, Commissions, Council or other government agencies to evaluate relevant factors in considering your request. You are not legally required to provide this information. If you do not provide the requested information, the City may not act upon your request.
3. The information you supply will be public and available to any entity requesting to inspect the information.

DATA PRACTICES ADVISORY TENNESSEN WARNING REQUIRED BY MINNESOTA STATUES CHAPTER 13.04

SIGNED BY: *Bruce Watson*
COMPANY/TITLE: *Maxx Bar & Grill - Pres.*
DATE: *3-27-24*



CITY OF HAM LAKE

15544 Central Ave NE
Ham Lake, MN 55304
763-494-9555
info@ci.ham-lake.mn.us

Fee \$30.00 Receipt # 99137
Temporary Commercial Structure
Permit Required YES or NO

FIELD PARTY LICENSE APPLICATION

#24-0005

Name of Applicant: Bruce Westman
Address: 3237 168th La NW
City: Andover State: MN Zip: 55304
Phone: 612-834-0694 Email: ginnyw1946@hotmail.com

(If more than one applicant, provide the information on reverse side.)

- Location of Party: (street address or attach a map detailing location):
Maxx Bar & Grill
17646 Central Ave.
Ham Lake, MN 55304
- Date party is to be held: September 27, 28, 29 - 2024
- Hours during which party will be held: 5-12
- Expected number of guests: 195
- Name of Owner of land: Maxx Bar & Grill
Address: 17646 Central Ave.
City: Ham Lake State: MN Zip: 55304
Phone: 763-434-4970 Email: ginnyw1946@hotmail.com

(NOTE: Written permission from Owner must be furnished prior to issuance of license, see page 2.)

- Will intoxicating beverages or non-intoxicating malt liquor (3.2 Beer) be present? Yes No
 - If yes, will there be a fee charged? Yes No
 - Will voluntary contributions to defray costs be accepted? Yes No
- Described the following plans:
 - How will the Party be illuminated?
Parking Lot Lights, interior Lights
 - What means will be available to summon emergency vehicles if needed?
Phones
 - Describe the means of access to the Party location for emergency vehicles, including the location of nearby public roads:
access road

d) How will you accommodate parking?

parking lot

e) Will you have live music or other entertainment? (if yes please explain):

yes - music from 8PM - midnight

9. If in commercial zoning, will a tent be erected on the site? Yes No

If yes, a Temporary Commercial Structure Permit will be required through the Building Department.

Bruce Westman

3-27-24

Applicant's Signature

Date

Permission of Property Owner

I, Bruce Westman, of (address) 17646 CENTRAL AVE, Ham Lake certify that I am the owner of the property upon which the field party is the subject to the above application is to be held, and that I have granted my permission for the conduction of said field party.

Bruce Westman

3-27-24

Property Owner's Signature

Date

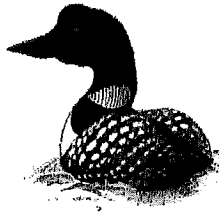
Other:

Any license issued shall be subject to the following conditions, which shall be printed on the face of the license, and shall read as follows:

"This license shall be rendered void if any of the following conditions are found to exist at the field party site."

1. The commission of the crime of assault, disorderly conduct, or breach of the peace by any participant on the field party site;
2. The consumption or possession of any intoxicating beverage or non-toxicating malt liquor by any person 21 years of age or younger.
3. The failure of any applicant to be physically present at the field party site during the entire duration of the field party.
4. The maintenance of any nuisance under any existing or future municipal ordinance.

Upon observing the violation of any of the conditions of a license, a peace officer shall declare the license to be void, and shall order the participants to disperse.



**NOTICE TO ALL APPLICANTS FOR MUNICIPAL PERMITS,
LICENSES OR OTHER MUNICIPAL ACTION**

1. If you are requesting municipal action on any request for any of the above, you will be required to furnish certain information about yourself, the project you are involved in, or other matters pertaining to the subject. Some of the information you are asked to provide is classified by state law as either private or confidential. Private data is information which generally cannot be given to the public but can be given to the subject of the data. Confidential data is information which generally cannot be given to either the public or the subject of the data.
2. The purpose of this information is to enable the City Staff, Commissions, Council or other government agencies to evaluate relevant factors in considering your request. You are not legally required to provide this information. If you do not provide the requested information, the City may not act upon your request.
3. The information you supply will be public and available to any entity requesting to inspect the information.


**DATA PRACTICES ADVISORY
TENNESSEN WARNING
REQUIRED BY MINNESOTA STATUES CHAPTER 13.04**

SIGNED BY: *Max Grill*
COMPANY/TITLE: *Maxx Bar & Grill - Pres.*
DATE: *3-27-24*

Memorandum

Date: March 28, 2024

To: Mayor and Councilmembers

From: David A. Krugler, City Engineer 

Subject: Request for Funding – Hidden Forest East Park expansion

Introduction:

The Minnesota DNR is requesting applications for funding opportunities under their Outdoor Recreation Grant Program.

Discussion:

The Minnesota DNR is accepting applications for funding under their Outdoor Recreation Grant Program. The goal of this funding is to increase and enhance outdoor recreation facilities in local and community parks throughout the state. The program provides matching grants to local units of government for up to 50% of the cost of acquisition, development and/or redevelopment of local parks and recreation areas. The maximum grant award is \$350,000 (for a total project cost of \$700,000). The local match can consist of cash; the value of materials, labor and equipment usage by the local sponsor; donations; or any combination thereof.

The DNR has provided a review of an application that was submitted on February 29th. The deadline for the submittal is April 1, 2024 at 11:59PM. Preliminary grant awards will be announced in the summer of 2024. The attached exhibit and cost estimate outline the proposed park facilities and match the grant maximum of 50% at \$701,252.33. The requirements of the funding is that park roads and parking areas may not exceed 40% of the total project cost or that engineering is not reimbursed beyond 10% of the total cost. The current exhibit shows 18.5% of the total cost for the Park road and parking.

Recommendation:

It is recommended that the Council adopt the attached Resolution to submit the application.

RESOLUTION NO. 24-XX

BE IT RESOLVED that the City of Ham Lake act as legal sponsor for the project contained in the Outdoor Recreation Grant application to be submitted on April 1, 2024 and that David A. Krugler, City Engineer is hereby authorized to apply to the Department of Natural Resources for funding of this project on behalf of the City of Ham Lake

BE IT FURTHER RESOLVED that the applicant maintains an adequate Conflict of Interest Policy and, throughout the term of the contract, will monitor and report any actual or potential conflicts of interest to the State, upon discovery.

BE IT FURTHER RESOLVED that the City of Ham Lake has the legal authority to apply for financial assistance, and it has the financial capability to meet the match requirement (if any) and ensure adequate construction, operation, maintenance and replacement of the proposed project for its design life.

BE IT FURTHER RESOLVED that The City of Ham Lake has not incurred any development costs and has not entered into a written purchase agreement to acquire the property described in the Cost Breakdown section on this application.

BE IT FURTHER RESOLVED that the City of Ham Lake has or will acquire fee title or permanent easement over all the land described in the boundary map or recreational site plan included in the application.

BE IT FURTHER RESOLVED that, upon approval of its application by the State, The City of Ham Lake may enter into an agreement with the State for the above-referenced project, and that the City of Ham Lake certifies that it will comply with all applicable laws and regulations as stated in the grant agreement including dedicating the park property for uses consistent with the funding grant program into perpetuity.

NOW, THEREFORE BE IT RESOLVED that THE CITY ENGINEER is hereby authorized to execute such agreements as necessary to implement the project on behalf of the applicant.

I CERTIFY THAT the above resolution was adopted by the City Council of Ham Lake on April 1, 2024.

SIGNED:

WITNESSED:

(Signature)

(Signature)

(Title) (Date)

(Title) (Date)

CONSTRUCTION COST ESTIMATE
HIDDEN FOREST EAST PARK IMPROVEMENTS
3/28/2024

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST QTY	UNIT PRICE	TOTAL
2021.501	MOBILIZATION	LUMP SUM	1	\$50,000.00	\$50,000.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	24	\$5.80	\$139.20
2106.507	EXCAVATION - COMMON	CU YD	900	\$19.90	\$17,910.00
2106.507	EXCAVATION - CHANNEL AND POND	CU YD	1,000	\$21.90	\$21,900.00
2106.507	COMMON EMBANKMENT (CV)	CU YD	1,100	\$10.00	\$11,000.00
2108.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	707	\$3.80	\$2,686.60
2211.604	4" AGGREGATE BASE (CV) CLASS 5 PARKING	SQ YD	1,493	\$6.30	\$9,405.90
2211.604	4" AGGREGATE BASE (CV) CLASS 5 PATH, SHELTER AND COURTS	SQ YD	4,586	\$6.30	\$28,891.80
2301.504	CONCRETE PAVEMENT 4"	SQ YD	171	\$92.71	\$15,853.41
2360.504	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 1.0" THICK PARKING	SQ YD	1,494	\$6.60	\$9,860.40
2360.504	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C) 1.0" THICK PATH, SHELTER AND COURTS	SQ YD	4,453	\$6.60	\$29,389.80
2360.504	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C) 2.0" THICK PARKING	SQ YD	1,494	\$10.00	\$14,940.00
2360.504	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C) 2.0" THICK PATH, SHELTER AND COURTS	SQ YD	4,453	\$10.00	\$44,530.00
2501.502	15" RC PIPE APRON	EACH	1	\$1,276.60	\$1,276.60
2501.602	TRASH GUARD FOR 15" PIPE APRON	EACH	1	\$1,000.00	\$1,000.00
2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS IV	LIN FT	246	\$120.00	\$29,520.00
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL-2X3	EACH	1	\$6,959.98	\$6,959.98
2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 1-48"	EACH	2	\$8,213.13	\$16,426.26
2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	30	\$15.67	\$463.83
2511.507	RANDOM RIPRAP CLASS III	CU YD	5.4	\$171.43	\$925.72
2531.503	CONCRETE CURB AND GUTTER DESIGN B612	LIN FT	973	\$31.00	\$30,163.00
2540.601	INSTALL PLAYGROUND EQUIPMENT	LUMP SUM	1	\$129,100.00	\$129,100.00
2545.502	LUMINAIRE (LED) 40 FOOT	EACH	8	\$2,100.00	\$16,800.00
2550.601	PICNIC SHELTER	LUMP SUM	1	\$71,661.00	\$71,661.00
2557.603	INSTALL 10' CHAIN LINK FENCE	LIN FT	718	\$30.00	\$21,540.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$5,000.00	\$5,000.00
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	\$2,024.80	\$2,024.80
2573.502	STORM DRAIN INLET PROTECTION	EACH	3	\$288.21	\$864.63
2573.502	CULVERT END CONTROLS	EACH	3	\$581.60	\$1,744.80
2573.503	SILT FENCE, TYPE MS	LIN FT	2,249	\$3.78	\$8,501.22
2575.605	TURF ESTABLISHMENT (25-131 SEEDING MIX)	ACRE	3.05	\$8,784.38	\$26,792.36
2575.605	TURF ESTABLISHMENT (33-261 SEEDING MIX)	ACRE	0.56	\$14,183.59	\$7,942.81
2582.503	4" WHITE SOLID LINE EPOXY PAINT	LIN FT	880	\$2.60	\$2,288.00
	TOTAL ESTIMATED CONSTRUCTION COST				\$637,502.12
	PROJECT DEVELOPMENT, CONST ENGINEERING, AND INSPECTION (10%)				\$63,750.21
	TOTAL PROJECT COST				\$701,252.33

Cynthia Adriaens

From: MN_DNR, Parkgrants (DNR) <Parkgrants.DNR@state.mn.us>
Sent: Monday, March 18, 2024 8:20 AM
To: David Krugler
Cc: Cynthia Adriaens; Nicole Wheeler
Subject: RE: Park Funding Application

Follow Up Flag: Follow up
Flag Status: Flagged

Hello,
Thank you for your early submission of the Outdoor Recreation Grant application. Feedback is provided below.

Please reach out with any questions.

Sincerely,
DNR Grants Staff

Needs to be clear throughout the application that the land was recently acquired and there are no existing park facilities.

Further, because the land is already acquired, the donated land is not eligible for cost match. The \$1,000,000 for donated land should be removed from the total project cost and cost match accordingly.

Narrative

3 - Who is accessing the least and why?

Connect People to the Outdoors

3 - Expand further

Acquire land and/or create opportunities

7 - Expand further, provide brief details on the diverse community the park will serve.

8 - Any information on the additional facilities being developed? Any need for managing storm water on site?

Take Care of What We Have

4 - Answer should be added to the answer to #3 in this section. The answer to this question can be not applicable if needed.

Budget

Parking lot - Provide dimensions & materials

Playground - Provide number of components as well as dimensions & materials for surfacing

Tennis court - Provide dimensions & materials

Picnic Shelter - Provide dimensions

Misc - Provide additional information on what these costs cover

4 - Provide anticipated life span per facility

Land acquisition should be N/A since the land is already acquired.

Description of Environment/Environmental Impact

A2 - Needs to be answered

C - Expand to answer all components of the question, including likely impacts of the proposed project.

ESF

Table - Ensure all noted positive impacts are discussed/addressed throughout the application.

4 - Provide qualifications

Public Participation & Benefit

1 - Does not answer question.

Availability for Public Use

Information on why park is not open Sat/Sun?

Photos

Need photos of land showing where facilities are proposed to be developed.

Plans

Need additional plans for picnic shelter.

IPaC/SHPO

Missing attachments for both.

From: David Krugler <DKrugler@rfcengineering.com>

Sent: Thursday, February 29, 2024 11:04 PM

To: MN_DNR, Parkgrants (DNR) <Parkgrants.DNR@state.mn.us>

Cc: Cynthia Adriaens <CAdriaens@rfcengineering.com>; Nicole Wheeler <NWheeler@ci.ham-lake.mn.us>

Subject: Park Funding Application

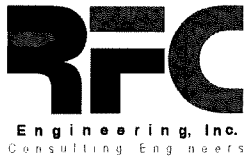
You don't often get email from dkrugler@rfcengineering.com. [Learn why this is important](#)

This message may be from an external email source.

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

On behalf of the City of Ham Lake, we are submitting this draft Outdoor Recreation Grant application for comments.

Please feel free to reach out to me if you have any questions. I look forward to your comments to make this a successful application for your consideration. Thank you for your time.



David A. Krugler P.E.
RFC Engineering, Inc.
(763) 862-8000
(763) 862-8042 (fax)
(763) 207-9853 (Direct)

Meeting Date: April 1, 2024

CITY OF HAM LAKE

STAFF REPORT

To: Mayor and Councilmembers

From: Denise Webster, City Administrator

Item/Title/Subject: Approval of a Resolution requesting use of HRA funds to pay for the voluntary contribution to the economic development costs for the Voluntary Cost Sharing Agreement

Introduction/: Discussion:

In 2019 the City Council approved the Memorandum of Understanding (MOU) and a Resolution entering into the Voluntary Cost Sharing Agreement with the Anoka County Housing and Redevelopment Authority. In 2023, the City approved a 12-month extension to the MOU to allow for key planning documents to be completed first (county-wide housing study and updated strategic plan) and the Partnership can have a conversation on what a long-term MOU would like with those new priorities identified.

The City can opt out or cancel this agreement by providing a 30 days' written notice to the County Administrator. City Staff feels that this is a great and beneficial partnership with the County.

Each year a Resolution needs to be adopted by the City Council requesting that HRA funds be used to pay for the voluntary contribution to the economic development costs.

Recommendation:

I recommend approving a Resolution requesting the use of HRA funds to pay for the voluntary contribution to the economic development costs for the Voluntary Cost Sharing Agreement.

RESOLUTION NO. 24-XX

**CITY OF HAM LAKE
COUNTY OF ANOKA
STATE OF MINNESOTA**

**RESOLUTION REQUESTING THE USE OF ANOKA COUNTY HOUSING AND
REDEVELOPMENT AUTHORITY FUNDS FOR A PROJECT IN THE CITY OF
HAM LAKE**

WHEREAS, Ham Lake is an Anoka County municipality, and participates in the Anoka County Housing and Redevelopment Authority program; and

WHEREAS, the City is in need of grant funding to assist with the Voluntary Cost Sharing Agreement for Anoka County Economic Development for 2024; and

WHEREAS; this project meets the requirements outlined in State Statute as a housing, redevelopment or economic development activity; and

WHEREAS; there are sufficient funds available through the Anoka County Housing and Redevelopment Authority.

NOW THEREFORE BE IT RESOLVED that the City of Ham Lake formally requests a grant in the amount of \$942.00 from the Anoka County Housing and Redevelopment Authority.

Adopted by the City Council of the City of Ham Lake this 1st day of April, 2024.

Brian Kirkham, Mayor

Denise Webster, City Clerk



Anoka County MINNESOTA

Respectful, Innovative, Fiscally Responsible

Customer/Division Code: ECON

Page 1 of 1

CITY OF HAM LAKE ATTN DENISE WEBSTER 15544 CENTRAL AVE NE HAM LAKE, MN 55304	Customer Invoice		
	As of:	3/11/2024	Customer: 126842
	Amount Due:	\$942.00	Due By: 4/10/2024
	Questions?	Please Contact:	763-324-1700

<u>Date</u>	<u>Transaction</u>	<u>Amount</u>	<u>Balance</u>
-------------	--------------------	---------------	----------------

Prior Balance as of 02/01/2024: 0.00

Invoice: EC030724M

3/7/2024 2024 ECONOMIC DEV COST SHARE

\$942.00

Invoice: EC030724M Total: \$942.00 \$942.00



Current	31 - 60 days	61 - 90 days	over 90 days	Total Due
\$942.00	\$0.00	\$0.00	\$0.00	\$942.00
Amount Due By:				4/10/2024

Customer: 126842

Balance: \$942.00

Due By: 4/10/2024

Payment Amount: \$ _____

Make Checks Payable To:

Anoka County Treasury Office
2100 3rd Ave Suite 300
Anoka, MN 55303-5029

You can pay your invoice online.

Go to www.AnokaCountyMN.gov/payments

or scan this QR Code with your smartphone.



RESOLUTION NO. 24-XX
RESOLUTION APPROVING CONTRIBUTIONS

WHEREAS, the City of Ham Lake is generally authorized to accept contributions of real and personal property pursuant to Minnesota Statutes Sections 412.21 and 465.03 for the benefit of its citizens, and

WHEREAS, the following persons and entities have offered to contribute the cash sums set forth below to the City:

<u>Name of Donor</u>	<u>Amount</u>
Ham Lake Fire Relief Association (Wildland Gear Personal Protection Equipment)	\$5,000
For the Ham Lake Fire Department	

WHEREAS, all such sums have been contributed to assist the City in the establishment and operation of programs within the City's corporate limits either alone or in cooperation with others, as allowed by law; and

WHEREAS, the City Council hereby finds that it is appropriate to accept the contributions offered.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Ham Lake, Minnesota, as follows:


1. The contributions described above are hereby accepted by the City of Ham Lake and shall be used to establish and operate programs within the City's corporate limits either alone or in cooperation with others, as allowed by law.
2. That the City Clerk is hereby directed to issue receipts to each donor acknowledging the City's receipt of the donor's contribution.

Adopted by the City Council of the City of Ham Lake this 1st day of April, 2024.

Brian Kirkham, Mayor

Denise Webster, City Clerk

Memorandum

Date: March 28, 2024
To: Mayor and Councilmembers
From: David A. Krugler, City Engineer 
Subject: County Ditch #58 cross culvert under 152nd Avenue

Introduction:

Bids were opened yesterday for replacement of the twin 72-inch CMP culverts at the crossing of County Ditch #58 and 152nd Avenue.

Discussion:

Three bids were received and are shown in the attached breakdown. The range of bids was \$303,426.14 to \$418,342.00 with an average bid of \$343,863.73. The lowest bidder was Northdale Construction. Northdale Construction is a responsible contractor with recent projects such as the City of Crystal Utility Reconstruction and the City of Robbinsdale Street Reconstruction. Municipal references are attached.

The Engineer's Construction Cost Estimate was \$336,429.38. Major differences between the Engineer's Estimate and the low bid were mobilization, culvert and concrete curbing. Overall, the low bidder was 9.8% under the Engineer's Construction Cost Estimate.

The attached cost participation shows the items that are eligible for reimbursement from the MnDOT Bridge fund which is \$221,541.93 which is limited to the culvert, structural fill around the culvert, mobilization and traffic control. The remaining construction costs of \$81,884.21 will be the responsibility of the City.

Recommendation:

It is recommended to adopt the attached Resolution awarding the contract to Northdale Construction in the amount of \$303,426.14 for replacement of the twin 72-inch CMP culverts at the County Ditch #58 crossing at 152nd Avenue.

RESOLUTION NO. 24-XX

WHEREAS, pursuant to an advertisement for bids for the replacement of County Ditch 58 cross-culvert underneath 152nd Avenue NE Project, bids were received, opened and tabulated according to law, and the following bids were received complying with the advertisement:

Northdale Construction	\$ 303,426.14
Landwehr Construction, Inc.	\$ 309,841.05
Douglas-Kerr Underground	\$ 418,324.00

AND WHEREAS, it appears that Northdale Construction, Albertville, Minnesota is the lowest responsible bidder;

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF HAM LAKE, MINNESOTA:

1. That the Mayor and Clerk are hereby authorized and directed to enter into a contract with Northdale Construction, Albertville, Minnesota in the name of the City of Ham Lake for the replacement of County Ditch 58 cross-culvert underneath 152nd Avenue NE Project, according to the plans and specifications therefore approved by the City Council and on file in the office of the City Clerk.
2. The City Clerk is hereby authorized and directed to return forthwith to all bidders the deposits made with their bids, except that the deposits of the successful bidder and the next lowest bidder shall be retained until a contract has been signed.
3. The City Attorney is hereby directed to review all bids and contracts for the Improvement Project.

Adopted by a unanimous vote of the Ham Lake City Council this 1st day of April, 2024.

Brian Kirkham, Mayor

Denise Webster, City Clerk

BID TABULATION
COUNTY DITCH #58 CROSSING UNDER 152ND AVENUE
HAM LAKE IMPROVEMENT PROJECT 2302.038
 March 27, 2024

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	Engineering Estimate		Northdale Construction		Landwehr Construction		Douglass-Kerr Underground	
				PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL	PRICE	TOTAL
2021.501	MOBILIZATION	LUMP SUM	1	\$50,000.00	\$50,000.00	\$42,658.75	\$42,658.75	\$18,000.00	\$18,000.00	\$65,757.00	\$65,757.00
2101.505	CLEARING	ACRE	0.1	\$8,703.90	\$870.39	\$15,750.00	\$1,575.00	\$24,000.00	\$2,400.00	\$37,000.00	\$3,700.00
2101.505	GRUBBING	ACRE	0.1	\$4,201.90	\$420.19	\$15,750.00	\$1,575.00	\$24,000.00	\$2,400.00	\$37,000.00	\$3,700.00
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH) DRIVEWAY	LIN FT	10	\$5.00	\$50.00	\$5.00	\$50.00	\$9.00	\$90.00	\$4.00	\$40.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) DRIVEWAY	LIN FT	24	\$3.00	\$72.00	\$5.00	\$120.00	\$5.00	\$120.00	\$3.00	\$72.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	58	\$3.00	\$174.00	\$5.00	\$290.00	\$5.00	\$290.00	\$3.00	\$174.00
2104.503	REMOVE PIPE CULVERTS	LIN FT	173	\$50.00	\$8,650.00	\$75.14	\$12,999.22	\$18.00	\$3,114.00	\$100.00	\$17,300.00
2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	31	\$12.30	\$381.30	\$10.00	\$310.00	\$12.00	\$372.00	\$13.00	\$403.00
2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	49	\$7.00	\$343.00	\$10.00	\$490.00	\$5.60	\$274.40	\$9.00	\$441.00
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	255	\$7.00	\$1,785.00	\$10.00	\$2,550.00	\$6.80	\$1,734.00	\$4.00	\$1,020.00
2106.507	EXCAVATION - COMMON	CU YD	271	\$23.00	\$6,233.00	\$45.00	\$12,195.00	\$7.80	\$2,113.80	\$36.00	\$9,756.00
2106.507	GRANULAR EMBANKMENT (CV)	CU YD	263	\$15.00	\$3,945.00	\$41.16	\$10,825.08	\$49.00	\$12,887.00	\$44.00	\$11,572.00
2211.509	AGGREGATE BASE CLASS 5	TON	88	\$20.00	\$1,760.00	\$34.62	\$3,046.56	\$38.00	\$3,344.00	\$64.00	\$5,632.00
2211.604	AGGREGATE BASE (CV) CLASS 5 4.0" THICK-DRIVEWAY	SQ YD	49	\$20.00	\$980.00	\$24.40	\$1,195.60	\$17.00	\$833.00	\$10.00	\$490.00
2360.504	TYPE SP 9.5 WEARING COURSE MIXTURE (2;C) 2.0" THICK-DRIVEWAY	SQ YD	49	\$5.00	\$245.00	\$43.05	\$2,109.45	\$34.95	\$1,712.55	\$49.00	\$2,401.00
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2;C)	TON	23	\$95.00	\$2,185.00	\$261.45	\$6,013.35	\$215.50	\$4,956.50	\$214.00	\$4,922.00
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2;C)	TON	31	\$82.00	\$2,542.00	\$222.60	\$6,900.60	\$215.50	\$6,680.50	\$184.00	\$5,704.00
2412.502	10X6 PRECAST CONCRETE BOX CULVERT END SECTION TYPE 1	EACH	1	\$27,000.00	\$27,000.00	\$21,781.80	\$21,781.80	\$21,500.00	\$21,500.00	\$26,990.00	\$26,990.00
2412.502	10X6 PRECAST CONCRETE BOX CULVERT END SECTION TYPE 3, 30° S	EACH	1	\$37,500.00	\$37,500.00	\$34,262.30	\$34,262.30	\$25,300.00	\$25,300.00	\$46,051.00	\$46,051.00
2412.503	10X6 PRECAST CONCRETE BOX CULVERT	LIN FT	84	\$1,990.00	\$167,160.00	\$1,439.87	\$120,949.08	\$2,177.00	\$182,868.00	\$2,357.00	\$197,988.00
2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	31	\$123.00	\$3,813.00	\$203.75	\$6,316.25	\$201.00	\$6,231.00	\$188.00	\$5,828.00
2535.503	BITUMINOUS CURB	LIN FT	161	\$4.00	\$644.00	\$23.10	\$3,719.10	\$5.80	\$933.80	\$7.00	\$1,127.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$9,770.20	\$9,770.20	\$1,890.00	\$1,890.00	\$2,000.00	\$2,000.00	\$950.00	\$950.00
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	\$4,403.60	\$4,403.60	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00	\$2,930.00	\$2,930.00
2573.502	STORM DRAIN INLET PROTECTION	EACH	2	\$180.00	\$360.00	\$300.00	\$600.00	\$195.00	\$390.00	\$187.00	\$374.00
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	50	\$25.00	\$1,250.00	\$30.00	\$1,500.00	\$22.25	\$1,112.50	\$20.00	\$1,000.00
2575.504	ROLLED EROSION PREVENTION CATEGORY 20	SQ YD	501	\$5.00	\$2,505.00	\$4.00	\$2,004.00	\$4.00	\$2,004.00	\$2.00	\$1,002.00
2575.605	TURF ESTABLISHMENT	ACRE	0.2	\$6,938.50	\$1,387.70	\$15,000.00	\$3,000.00	\$13,400.00	\$2,680.00	\$5,000.00	\$1,000.00
TOTAL					\$336,429.38		\$303,426.14		\$309,841.05		\$418,324.00

* Denotes Bidders Error



Northdale Construction Co. Inc.

9760 71st Street NE, Albertville, MN 55301
(763) 428-4868 FAX (763) 428-4997

JOB REFERENCES

Agency:	City of Excelsior (2020)	Contact:	Brad Reifsteck
Type of Construction:	Street Reconstruction	Title:	Engineer
Value of Construction:	\$2,918,844.75	Phone:	(763) 512-5243
Start Date:	5/1/2020	Completion Date:	7/31/2021
Agency:	City of Coon Rapids (2021)	Contact:	Jason Huebscher
Type of Construction:	Street Reconstruction	Title:	Engineer
Value of Construction:	\$5,154,328.35	Phone:	(612) 709-2704
Start Date:	4/26/2021	Completion Date:	11/6/2021
Agency:	City of Excelsior (2021)	Contact:	Brad Reifsteck
Type of Construction:	Street Reconstruction	Title:	Engineer
Value of Construction:	\$4,362,079.06	Phone:	(763) 512-5243
Start Date:	7/1/2021	Completion Date:	6/30/2023
Agency:	City of Robbinsdale (2022)	Contact:	Robin Verkinnes
Type of Construction:	Street Reconstruction	Title:	Engineer
Value of Construction:	\$1,861,965.33	Phone:	(763) 531-1263
Start Date:	7/1/2022	Completion Date:	5/16/2023
Agency:	City of Montrose	Contact:	Spencer Johnson
Type of Construction:	Downtown Improvements	Title:	Engineer
Value of Construction:	\$2,726,228.59	Phone:	(320) 231-3956
Start Date:	4/18/2022	Completion Date:	6/6/2023
Agency:	City of Crystal	Contact:	Spencer Szymonowicz
Type of Construction:	Utility Reconstruction	Title:	Engineer
Value of Construction:	\$1,639,588.53	Phone:	(952) 912-2600
Start Date:	4/24/2023	Completion Date:	8/30/2023
Agency:	City of Cold Spring	Contact:	Brian Lintgen
Type of Construction:	Sanitary Improvements	Title:	Engineer
Value of Construction:	\$2,676,877.59	Phone:	(320) 529-4397
Start Date:	10/15/2022	Completion Date:	On going
Agency:	City of Henning	Contact:	Bob Schlieman
Type of Construction:	Utility Improvements	Title:	Engineer
Value of Construction:	\$2,585,159.63	Phone:	(218) 844-2585
Start Date:	6/1/2023	Completion Date:	On going
Agency:	City of Richmond	Contact:	David Blommel
Type of Construction:	Utility Improvements	Title:	Engineer
Value of Construction:	\$3,878,683.52	Phone:	(320) 229-4300
Start Date:	6/12/2023	Completion Date:	On going
Agency:	City of Robbinsdale (2023)	Contact:	Robin Verkinnes
Type of Construction:	Street Reconstruction	Title:	Engineer
Value of Construction:	\$4,833,545.02	Phone:	(763) 531-1268
Start Date:	5/15/2023	Completion Date:	On going

COLOR CODE FOR COST PARTICIPATION
COUNTY DITCH #58 CROSSING UNDER 152ND AVENUE
STATE PROJECT NO.
HAM LAKE IMPROVEMENT PROJECT 2302.038
HAM LAKE, MINNESOTA
 March 6, 2024


*COST PART. NUMBER	ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
	2021.501	MOBILIZATION	LUMP SUM	1.0	\$42,658.75	\$42,658.75
	2101.505	CLEARING	ACRE	0.1	\$15,750.00	\$1,575.00
	2101.505	GRUBBING	ACRE	0.1	\$15,750.00	\$1,575.00
	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH) DRIVEWAY	LIN FT	10	\$5.00	\$50.00
	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) DRIVEWAY	LIN FT	24	\$5.00	\$120.00
	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	58	\$5.00	\$290.00
	2104.503	REMOVE PIPE CULVERTS	LIN FT	173	\$75.14	\$12,999.22
	2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	31	\$10.00	\$310.00
	2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	49	\$10.00	\$490.00
	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	255	\$10.00	\$2,550.00
	2106.507	EXCAVATION - COMMON	CU YD	271	\$45.00	\$12,195.00
	2106.507	GRANULAR EMBANKMENT (CV)	CU YD	263	\$41.16	\$10,825.08
	2211.509	AGGREGATE BASE CLASS 5	TON	88	\$34.62	\$3,046.56
	2211.604	AGGREGATE BASE (CV) CLASS 5 4.0" THICK-DRIVEWAY	SQ YD	49	\$24.40	\$1,195.60
	2360.504	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C) 2.0" THICK-DRIVEWAY	SQ YD	49	\$43.05	\$2,109.45
	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C)	TON	23	\$261.45	\$6,013.35
	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2,C)	TON	31	\$222.60	\$6,900.60
	2412.502	10X6 PRECAST CONCRETE BOX CULVERT END SECTION TYPE 1	EACH	1	\$21,781.80	\$21,781.80
	2412.502	10X6 PRECAST CONCRETE BOX CULVERT END SECTION TYPE 3, 30° SKEW	EACH	1	\$34,262.30	\$34,262.30
	2412.503	10X6 PRECAST CONCRETE BOX CULVERT	LIN FT	84	\$1,439.87	\$120,949.08
	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	31	\$203.75	\$6,316.25
	2535.503	BITUMINOUS CURB	LIN FT	161	\$23.10	\$3,719.10
	2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$1,890.00	\$1,890.00
	2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	\$2,500.00	\$2,500.00
	2573.502	STORM DRAIN INLET PROTECTION	EACH	2	\$300.00	\$600.00
	2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	50	\$30.00	\$1,500.00
	2575.504	ROLLED EROSION PREVENTION CATEGORY 20	SQ YD	501	\$4.00	\$2,004.00
	2575.605	TURF ESTABLISHMENT	ACRE	0.2	\$15,000.00	\$3,000.00
TOTAL ESTIMATED MNDOT CONSTRUCTION COST PARTICIPATION						\$221,541.93
TOTAL ESTIMATED CITY CONSTRUCTION COST						\$81,884.21
TOTAL ESTIMATED CONSTRUCTION COST						\$303,426.14

100% STATE
 100% MUNICIPALITY

Memorandum

Date: March 28, 2024

To: Mayor and Councilmembers

From: David A. Krugler, City Engineer 

Subject: Meadow Park North of Constance Boulevard reconstruction

Introduction:

The Plans for the reconstruction of a portion of the streets within the Meadow Park North of Constance Boulevard residential subdivision are attached. Plans were directed to be prepared at the June 7, 2021 City Council meeting. The cost estimate when plans were ordered to be prepared in 2021 was \$843,695.

Discussion:

The Meadow Park subdivision North of Constance Boulevard, which was constructed in 1977, received a bituminous overlay in 1999 and seal coat was applied in 2008. is experiencing poor drainage. The street will be upgraded from bituminous curb to surmountable concrete curb and gutter along with the installation of catch basins. The project was reduced as directed by the City Council to perform a bituminous overlay for 164th Lane, Kenyon Street and Hasting Street. The construction cost estimate for the remaining reconstruction is \$1,013,791.31. The engineers estimate shows the cost of the tree removal already completed for the subdivision in 2022 and the bituminous overlays completed in 2023. Additional trees were needed to be removed as residents have replanted two and others were behind a fence that at the time of the tree removal was unknown if they were to be taken.

Recommendation:

Approve the Plans and authorize the advertisement for bids for the reconstruction of a portion of the streets within Meadow Park North of Constance Boulevard.

CONSTRUCTION COST ESTIMATE
North Meadow Street Reconstruction: 163rd Lane & Isanti Street
3/27/2024

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST QTY	UNIT PRICE	TOTAL
2021.501	MOBILIZATION	LUMP SUM	1	\$73,000.00	\$73,000.00
2101.502	CLEARING	EACH	4	\$300.00	\$1,200.00
2101.502	GRUBBING	EACH	5	\$100.00	\$500.00
2104.502	REMOVE DRAINAGE STRUCTURE	EACH	2	\$900.00	\$1,800.00
2104.502	REMOVE SIGN	EACH	2	\$50.00	\$100.00
2104.502	SALVAGE MAILBOX AND SUPPORT	EACH	13	\$110.00	\$1,430.00
2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH) DRIVEWAY	LIN FT	47.2	\$5.00	\$236.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) DRIVEWAY	LIN FT	176.8	\$3.00	\$530.40
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	199.0	\$3.00	\$597.00
2104.503	REMOVE METAL PIPE	LIN FT	51	\$14.40	\$734.40
2104.503	SALVAGE CHAIN LINK FENCE	LIN FT	670	\$6.50	\$4,355.00
2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	42.7	\$12.30	\$525.21
2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	418.0	\$7.00	\$2,926.00
2106.507	EXCAVATION - COMMON	CU YD	1,466	\$26.50	\$38,849.00
2106.507	EXCAVATION - SUBGRADE	CU YD	3,231	\$25.00	\$80,775.00
2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	3,002	\$26.00	\$78,052.00
2106.507	COMMON EMBANKMENT (CV)	CU YD	1,256	\$10.00	\$12,560.00
2108.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	4,381	\$3.80	\$16,647.80
2211.509	AGGREGATE BASE CLASS 5	TON	100	\$25.00	\$2,500.00
2211.604	AGGREGATE BASE (CV) CLASS 5 4.0" THICK-DRIVEWAY	SQ YD	703.3	\$6.50	\$4,571.45
2215.504	FULL DEPTH BITUMINOUS PAVEMENT RECLAMATION	SQ YD	4,440	\$6.00	\$26,640.00
2360.504	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C) 2.0" THICK-DRIVEWAY	SQ YD	703.3	\$38.50	\$27,077.05
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,C)	TON	329	\$133.00	\$43,757.00
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2,C)	TON	329	\$114.00	\$37,506.00
2501.502	24" GS PIPE APRON	EACH	1	\$1,163.00	\$1,163.00
2501.502	15" RC PIPE APRON	EACH	1	\$1,500.00	\$1,500.00
2501.602	TRASH GUARD FOR 15" CP PIPE APRON	EACH	1	\$757.00	\$757.00
2501.602	TRASH GUARD FOR 24" RC PIPE APRON	EACH	1	\$1,111.00	\$1,111.00
2503.503	24" CP PIPE SEWER (SMOOTH)	LIN FT	149	\$70.50	\$10,504.50
2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS IV	LIN FT	275	\$76.10	\$20,927.50
2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS IV	LIN FT	464	\$83.40	\$38,697.60
2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS IV	LIN FT	672	\$89.80	\$60,345.60
2503.503	24" RC PIPE SEWER DESIGN 3006 CLASS IV	LIN FT	275	\$120.00	\$33,000.00
2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL-2X3	EACH	10	\$3,250.00	\$32,500.00
2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 1-48"	EACH	9	\$4,422.00	\$39,798.00
2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 2-60"	EACH	1	\$5,000.00	\$5,000.00
2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 3-72" SUMP	EACH	2	\$6,708.00	\$13,416.00
2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 4-60"	EACH	1	\$4,422.00	\$4,422.00
2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 5-72" SUMP	EACH	1	\$6,708.00	\$6,708.00
2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	34.2	\$4.70	\$160.74
2511.507	RANDOM RIPRAP CLASS III	CU YD	9.5	\$149.00	\$1,415.50
2531.503	CONCRETE CURB AND GUTTER DESIGN D312 (MODIFIED)	LIN FT	2,929	\$18.60	\$54,479.40
2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	41.1	\$123.00	\$5,055.30
2540.602	INSTALL MAILBOX WITH SUPPORT	EACH	13	\$275.00	\$3,575.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$3,000.00	\$3,000.00
2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	\$3,000.00	\$3,000.00
2573.502	STORM DRAIN INLET PROTECTION	EACH	24	\$180.00	\$4,320.00
2573.502	CULVERT END CONTROLS	EACH	2	\$442.00	\$884.00
2573.503	SILT FENCE, TYPE MS	LIN FT	268	\$2.70	\$723.60
2575.605	TURF ESTABLISHMENT (25-131 SEEDING MIX)	ACRE	1.1	\$7,000.00	\$7,700.00
TOTAL ESTIMATED CONSTRUCTION COST					\$811,033.05
PROJECT DEVELOPMENT, CONST ENGINEERING, AND INSPECTION (25%)					\$202,758.26
SUBTOTAL					\$1,013,791.31
TREE REMOVAL (RIVARD CONTRACTING)					\$22,380.00
OVERLAY 164TH LANE, KEYNON STREET, HASTINGS STREET					\$106,745.00
TOTAL PROJECT COST					\$1,142,916.31

PLAN SYMBOLS

- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- PROPOSED RIGHT-OF-WAY LINE
- CONSTRUCTION PERMANENT EASEMENT LINE
- LOT SECTION PROPERTY LINE
- CONSTRUCTION LIMITS CLEAR ZONE
- INTERMEDIATE INDEX EXISTING CONTOURS
- GRADE BREAK EXISTING CONTOURS
- INTERMEDIATE INDEX PROPOSED CONTOURS
- GRADE BREAK PROPOSED CONTOURS
- EXISTING DITCH LINE
- PROPOSED EXISTING COUNTY DITCH LINE
- FENCE LINE - ANY TYPE
- SILT FENCE
- WETLAND BOUNDARY
- TREE LINE EXISTING TREES (TO REMAIN)
- BENCH MARK / IRON MONUMENT
- LIGHT POLE / BOLLARD
- SOIL BORING
- BUILDING
- RIPRAP
- MAILBOX
- EXISTING PROPOSED SIGN

UTILITY SYMBOLS

- GAS GAS LINE
- PETRO PETRO PETROLEUM LINE
- OHE OHE OVERHEAD ELECTRIC
- UGE UGE UNDERGROUND ELECTRIC
- T T UNDERGROUND TELEPHONE LINE
- CATV CATV UNDERGROUND CABLE TV LINE
- FO FO UNDERGROUND FIBER OPTIC LINE
- MANDOT FO MANDOT FO MANDOT
- TELEPHONE STRUCTURES
- ELECTRIC JUNC. BOX
- CABLE TV JUNC. BOX
- FIBER OPTIC STRUCTURES
- POWER POLE AND GUY WIRE
- STORM DRAIN LINE
- FLARED END SECTION
- CATCH BASIN
- MANHOLE
- WELL

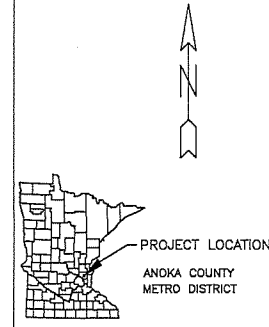
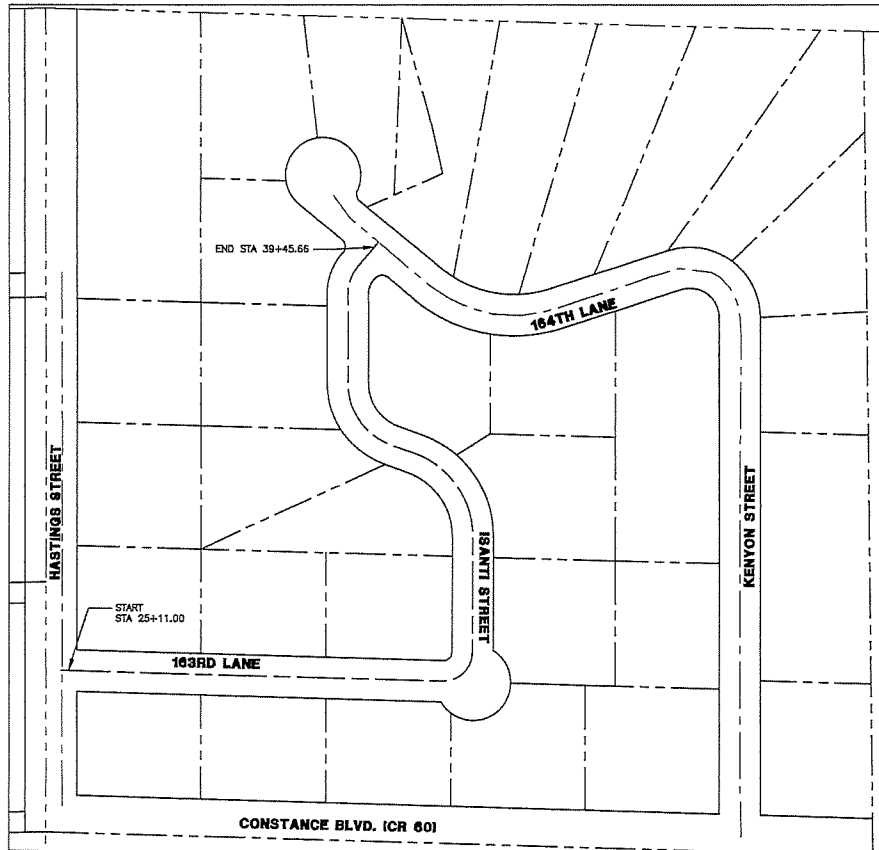
HATCH LEGEND

- BITUMINOUS
- CONCRETE
- EROSION CONTROL
- HYDRONALCH
- REMOVAL
- BITUMINOUS

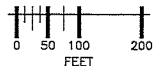
MINNESOTA DEPARTMENT OF TRANSPORTATION
 City of Ham Lake, Minnesota

CONSTRUCTION PLAN FOR GRADING, AGGREGATE BASE, PLANT MIXED BITUMINOUS SURFACE, STORM DRAINS, AND CONCRETE CURB

LOCATED ON 163RD LANE FROM HASTINGS STREET TO ISANTI STREET AND ISANTI STREET FROM 163RD LANE TO 164TH LANE.



PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY



ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MN MUTCD, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

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 38-22, ENTITLED "STANDARD GUIDELINES FOR INVESTIGATING AND DOCUMENTING EXISTING UTILITIES."

THE UTILITIES SHOWN ARE BASED UPON THE BEST INFORMATION AVAILABLE AND MAY NOT REFLECT THE ACTUAL EFFECTS ON THE UTILITIES BY CONSTRUCTION. ACTUAL DETERMINATIONS WILL BE MADE IN THE FIELD DURING CONSTRUCTION.

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION".

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE 2022 MUTCD, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STATEMENT OF ESTIMATED QUANTITIES
3-4	EARTHWORK SUMMARY AND TABULATIONS
5-6	DETAILS
7-10	TEMPORARY SEDIMENT CONTROL
11	INTERSECTION DETAILS
12-13	REMOVAL PLAN
14-15	PLAN AND PROFILE
16-17	STORM DETAILS
18-19	STORMWATER POLLUTION PREVENTION PLAN
20-24	CROSS SECTIONS

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

THIS PLAN CONTAINS 24 SHEETS

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

SIGNED: *David A. Krugler*
 David A. Krugler
 DATE: 03/28/24 REG. NO.: 48768

APPROVED: *David A. Krugler* DATE: 03/28/24
 CITY ENGINEER - HAM LAKE

RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street NE Telephone 763-862-8000
 Ham Lake, MN 55304 Fax 763-862-8042

JOB NO. 2103 SHEET NO. 1 OF 24 SHEETS
 FILE: 36-2-150

STATEMENT OF ESTIMATED QUANTITIES

TAB	SHEET	NOTES	ITEM NO.	ITEM	UNIT	ENTIRE PROJECT	
						ESTIMATED QUANTITIES	
			2021.501	MOBILIZATION	LUMP SUM	1	
AD	3		2101.502	CLEARING	EACH	4	
AC	3		2101.502	CRUBBERING	EACH	5	
AD	3		2104.502	REMOVE DRAINAGE STRUCTURE	EACH	2	
AA	3	6	2104.502	REMOVE SOIL	EACH	2	
AD	3		2104.502	SALVAGE MAILBOX AND SUPPORT	EACH	13	
BA	4	11	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH) DRIVEWAY	LN FT	47.2	
BA	4	11	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH) DRIVEWAY	LN FT	176.6	
AE	3	6, D	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LN FT	199	
AB	3		2104.503	REMOVE METAL PIPE	LN FT	51	
AF	3		2104.503	SALVAGE CHAIN LINK FENCE	LN FT	870	
BA	4	11	2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	42.7	
BA	4	11	2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	418	
AI	3	4, 5	2106.507	EXCAVATION - COMMON	CU YD	1 486	
AI	3	4, 5	2106.507	EXCAVATION - SUBGRADE	CU YD	3 231	
AI	3	4, 5	2106.507	SELECT GRANULAR EMBANKMENT (CV)	CU YD	3 002	
AI	3	4, 5	2106.507	COMMON EMBANKMENT (CV)	CU YD	1 258	
IK	4		2108.504	GEOTEXTILE FABRIC TYPE 5	TON	4 361	
AI	3		2211.509	AGGREGATE BASE CLASS 5	TON	100	
BA	4	11	2211.504	AGGREGATE BASE (D) CLASS 5 4.0" THICK-DRIVEWAY	SQ YD	763.3	
AH	3	6, 9	2213.504	FULL DEPTH BITUMINOUS PAVEMENT RECONSTRUCTION	SQ YD	4 440	
BA	4	11	2302.504	TYPE SP 9.0 WEARING COURSE MIXTURE (2.0) 2.0" THICK-DRIVEWAY	SQ YD	763.3	
BC	4	12	2302.509	TYPE SP 9.0 WEARING COURSE MIXTURE (2.0)	TON	329	
BB	4	12	2302.509	TYPE SP 12.5 WEARING COURSE MIXTURE (2.0)	TON	329	
	16-17	1, 3	2501.502	24" CP PIPE APRON	EACH	1	
	16-17	1, 5	2501.502	15" RC PIPE APRON	EACH	1	
	16-17	1, 5	2501.502	TRASH GUARD FOR 15" CP PIPE APRON	EACH	1	
	16-17	1, 5	2501.502	TRASH GUARD FOR 24" RC PIPE APRON	EACH	1	
	16-17	1, 5	2503.503	24" CP PIPE SEWER (SMOOTH)	LN FT	149	
	16-17	1, 5	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS IV	LN FT	275	
	16-17	1, 5	2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS IV	LN FT	464	
	16-17	1, 5	2503.503	18" RC PIPE SEWER DESIGN 3006 CLASS IV	LN FT	672	
	16-17	1, 5	2503.503	24" RC PIPE SEWER DESIGN 3006 CLASS IV	LN FT	275	
	16-17	2, 5	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL-2X3	EACH	10	
	16-17	2, 5	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 1-48"	EACH	9	
	16-17	2, 5	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 2-80"	EACH	1	
	16-17	2, 5	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 3-72" SLUMP	EACH	2	
	16-17	2, 5	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 4-80"	EACH	1	
	16-17	2, 5	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 6-72" SLUMP	EACH	1	
BJ	4		2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	34.2	
BI	4		2511.507	RANDOM RIPRAP CLASS II	CU YD	9.5	
BD	4		2531.503	CONCRETE CURB AND GUTTER DESIGN D312 (MODIFIED)	LN FT	2 929	
BA	4	11	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	41.1	
BE	4		2540.502	INSTALL MAILBOX WITH SUPPORT	EACH	13	
			2553.501	TRAFFIC CONTROL	LUMP SUM	1	
	16-18	8	2573.501	STABILIZED CONSTRUCTION DOT	LUMP SUM	1	
BF	4,16-18	8	2573.502	STORM DRAIN INLET PROTECTION	EACH	24	
BI	4,16-18	8	2573.502	GULLYVET END CONTROLS	EACH	2	
BD	4,16-18	8	2573.503	SILT FENCE, TYPE MS	LN FT	208	
	4,16-18	3	2576.502	TURF ESTABLISHMENT (25-131 SEEDING 400)	ACRE	1.1	

NOTES:

- SELECT GRANULAR BORROW, STRUCTURAL EXCAVATION, AND GRANULAR BACKFILL FOR STORM PIPES ARE INCIDENTAL.
- FILTER FABRIC AND FABRIC WRAP FOR CATCH BASINS AND MANHOLES ARE INCIDENTAL.
- ALL DISTURBED AREAS DETERMINED NOT TO BE PAVED, AGGREGATE SURFACE, CONCRETE SURFACE OR RIPRAPPED SHALL HAVE 4 INCHES OF TOPSOIL, FERTILIZER TYPE 2, MULCH MATERIAL, AND SEED MIXTURE NO. 25-131 PER MNDOT STANDARD SPECIFICATION 3876, APPLY TYPE 1 MULCH AT THE RATE OF 2 (TWO) TONS PER ACRE (TO ACHIEVE A BOX UNIFORM GROUND COVERAGE). SEED MIXTURE, WATER, TYPE 2 FERTILIZER, AND MULCH ARE INCIDENTAL. SOIL TESTING TO DETERMINE FERTILIZER MIXTURE RATIO AND RATE OF APPLICATION IS INCIDENTAL.
- MATERIAL FOUND IN THE SUBCUTS THAT IS UNSUITABLE FOR FILL IN THE ROADBED SHALL BE REMOVED OFF-SITE.
- THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE THE CONSTRUCTION LIMITS.
- SIGNS INCLUDE POSTS.
- INSTALLATION AND MAINTENANCE ARE INCIDENTAL.
- AVERAGE DEPTH OF EXISTING BITUMINOUS PAVEMENT IS 4.5".
- AVERAGE DEPTH OF EXISTING BASE MATERIAL IS 3.5".
- INSTALLATION AND MAINTENANCE ARE INCIDENTAL.
- QUANTITY SHOWN USED FOR DRIVEWAY CONSTRUCTION. SEE DETAIL RFC-363A3.
- BITUMINOUS MATERIAL FOR TACK COAT SHALL BE INCIDENTAL.

SEED MIX 25-131: COMMERCIAL TURF
MULCH TYPE 1
PLANT APRIL 1ST - JUNE 1ST FOR SPRING PLANTING OR
JULY 20TH - SEPTEMBER 20TH FOR FALL PLANTING

BASIS FOR ESTIMATED QUANTITIES

AGGREGATE BASE 105 LBS/SY/INCH
BITUMINOUS MIXTURE 110 LBS/SY/INCH
TACK COAT 0.05 GAL/SY
TYPE 1 MULCH 2 TONS/ACRE

PLATE NO.	STANDARD PLATES -- RFC ENGINEERING (IN THE PLANS)
RFC-355A	D312M CONCRETE CURB AND GUTTER
RFC-363A3	PRIVATE DRIVEWAY/FIELD ENTRANCE
RFC-365C5	TYPICAL FLOATING ROAD SECTION - EXISTING ROAD CONSTRUCTION
RFC-366E17	TYPICAL STREET SECTION
RFC-380A	CURB END
RFC-450B	RECTANGULAR CATCH BASIN
RFC-463	FABRIC AROUND CATCH BASIN
RFC-465A1	RECTANGULAR INLET FOR ROUND MANHOLE
RFC-465A3	RECTANGULAR INLET FOR ROUND MANHOLE - VARIABLE SUMP
RFC-465C	ROUND MANHOLE
RFC-485C5	ROUND MANHOLE - VARIABLE SUMP
RFC-486B	RCP TRASH GUARD
RFC-486C	CPP TRASH GUARD
RFC-854	STORM DRAIN BEDDING FOR RIGID AND FLEXIBLE PIPE *MNDOT DETAIL
RFC-857	SILT FENCE AT FES

THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY

PLATE NO.	MNDOT STANDARD PLATES
3000M	NONFORCED CONCRETE PIPE (8 SHEETS)
3008R	GASKET JOINT FOR R.C. PIPE (2 SHEETS)
3125A	METAL APRON FOR CORRUGATED POLYETHYLENE PIPE
3134D	RIPRAP AT ESP OUTLETS
3145C	CONCRETE PIPE OR PRECAST BOX GULLEY TIES
7100H	CONCRETE CURB & GUTTER
8800K	TEMPORARY CHANNELLEDIS (3 SHEETS)
9350C	MAILBOX SUPPORT SWING-AWAY TYPE (3 SHEETS)

UTILITIES: CENTURYLINK (763) 712-2077
ENTERTAIN ENERGY (763) 353-2760
COMCAST (952) 607-4078
CONXDUIS ENERGY (763) 323-4268
GREAT RIVERS ENERGY (763) 445-5964

DATE: REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Date: 03/28/24 REG. NO. 48768

RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street
Ham Lake, MN 55304
Telephone 763-862-8000
Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
MEADOW PARK RECONSTRUCTION
163RD LANE AND ISANTI STREET

STATEMENT OF ESTIMATED QUANTITIES
AND STANDARD PLATES

DWG: 2103 QTY
DATE: 03/28/24
JOB NUMBER: 2103
SHEET: 2 OF 24
FILE: 36-2-161

DESIGN BY: LOZ DRAWN BY: LOZ CHECKED BY: DAK

REMOVE SIGN PANELS TYPE C						AA
STATION	LOCATION	TYPE	SIGN NO.	POST	CODE NO.	PANEL LEGEND
31+40	163RD LN. - LT	REMOVE	C-20	SINGLE	03-1	STREET
34+23	ISANTI ST. - RT	REMOVE	C-20	SINGLE	03-1	STREET
TOTAL			2			

REMOVE PIPES				AB
STATION	LOCATION	TYPE	LENGTH (LIN FT)	
33+45	ISANTI ST. - ACROSS	CMP	30	
33+45	ISANTI ST. - RT	CMP	21	
TOTAL			51	

REMOVE STRUCTURE			AC
STATION	LOCATION		QUANTITY
33+45	ISANTI ST. - ACROSS		2
TOTAL			2

SALVAGE MAILBOX SUPPORT			AD
STATION	LOCATION	TYPE	
22+09	163RD LN. - LT	DOUBLE	
25+02	163RD LN. - LT	DOUBLE	
29+31	163RD LN. - LT	SINGLE	
30+52	163RD LN. - LT	SINGLE	
31+09	ISANTI ST. - LT	DOUBLE	
34+43	ISANTI ST. - LT	DOUBLE	
36+33	ISANTI ST. - LT	SINGLE	
37+58	ISANTI ST. - LT	DOUBLE	
TOTAL			13

SAWCUT BITUMINOUS PAVEMENT			AE
STATION	LOCATION		LIN FT
25+11	163RD LN. - ROADWAY		101
39+45	ISANTI ST. - ROADWAY		98
TOTAL			199

SALVAGE CHAIN LINK FENCE			AF
STATION	LOCATION		LIN FT
33+89 TO 34+44	ISANTI ST. - RT		59
34+91 TO 37+00	ISANTI ST. - RT		208
37+48 TO 39+31	ISANTI ST. - RT		201
39+31 TO 40+23	164TH LN. - RT		202
TOTAL			670

TREE REMOVAL			AG
STATION	LOCATION	CLEARING (EACH)	GRUBBING (EACH)
28+74	163RD LN. - LT	1	1
31+19	163RD LN. - LT	0	1
36+27	ISANTI ST. - RT	3	3
TOTAL			5

RECLAIM BITUMINOUS PAVEMENT			AH
STATION	LOCATION		SQ YD
25+11 TO 31+50	145TH AVE. - ROADWAY		1,893
31+50 TO 39+45	ISANTI ST. - ROADWAY		2,447
TOTAL			4,340

NOTES

- TOP OF GRADING SUBGRADE IS DEFINED AS THE BOTTOM OF THE CLASS 5 AGGREGATE BASE.
- BITUMINOUS AND CONCRETE DISTURBED BY CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFFSITE IN ACCORDANCE WITH MDOT SPEC. 2104-3C3.
- COMPACTION OF ALL GRADING AND BASE ITEMS SHALL BE BY THE "QUALITY COMPACTION METHOD".
- USE TACK COAT BETWEEN ALL BITUMINOUS LAYERS AND BETWEEN BITUMINOUS AND CONCRETE CURB AND GUTTER.
- STRIP ALL TOPSOIL AREAS TO BE DISTURBED BY CONSTRUCTION AND REUSE TOPSOIL OR USE AS FILL OUTSIDE OF ROAD CORE.
- WHENEVER THE WORD "INCIDENTAL" IS USED IN THIS PLAN, IT SHALL MEAN THIS WORK SHALL BE INCIDENTAL FOR WHICH NO DIRECT COMPENSATION WILL BE MADE.
- STATIONING FOR LOCATION OF EXISTING AND NEW SIGNS IS APPROXIMATE.

EARTHWORK SUMMARY						AI
EXCAVATION (CU YD)			EMBANKMENT (CU YD)			
TOPSOIL	535 CU YD (EV)	4,756 CU YD (EV) ①	TOPSOIL	535 CU YD (EV)/1.1 =	486 CU YD (CV)	4,258 CU YD (CV) ②
COMMON	931 CU YD (EV)		COMMON EX	931 CU YD (EV)/1.3 =	716 CU YD (CV)	
SUBGRADE	3,231 CU YD (EV)		GRANULAR FILL		3,002 CU YD (CV)	
BIT RECLAIM	59 CU YD (EV)		WASTE	3,231 CU YD (EV)		
			592 CU YD (CV) TOPSOIL			
			3,866 CU YD (CV) COMMON			

NOTES:
 ① TOTAL EXCAVATION (EV) REQUIRED FOR PROJECT.
 ② TOTAL EMBANKMENT (CV) REQUIRED FOR PROJECT.

RESIDENTIAL DRIVEWAYS									BA
STATION	LOCATION	REMOVE (S.Y.)		SAWCUT (L.F.)		PLACE (S.Y.)			
		CONC	BIT	CONC	BIT	CONC	BIT	CLS	
25+23	RT.								
25+86	LT.	19.1		20.0	14.6		31.9	31.9	
27+83	LT.		21.5		14.5		22.2	22.2	
27+90	RT.		22.3		18.0		24.2	24.2	
29+80	RT.		27.5		10.9		29.6	29.6	
30+72	LT.	23.6		27.2		22.9			
31+35	RT.		60.3		24.3		245.8	245.8	
31+65	RT.		58.9		16.0		150.3	150.3	
34+83	LT.		34.4		14.8		35.1	35.1	
34+83	RT.		39.1		14.8		39.7	39.7	
36+21	LT.		63.4		16.7		62.0	62.0	
37+12	RT.		25.1		15.9		27.2	27.2	
37+56	LT.		35.5		18.3		35.3	35.3	
TOTAL		42.7	418.0	47.2	176.8	41.1	703.3	703.3	

CONCRETE CURB & GUTTER DESIGN D312 MODIFIED			BD
STATION TO STATION	LOCATION	LN FT	
25+11 TO 31+50	163RD LN. - R	656	
25+11 TO 31+50	163RD LN. - L	640	
31+50 TO 39+46	ISANTI ST. - R	819	
31+50 TO 39+46	ISANTI ST. - L	814	
TOTAL		2,929	

SILT FENCE			BG
STATION TO STATION	LOCATION	LN. FT.	
32+17 TO 34+00	ISANTI ST. - RT	193	
33+00 TO 33+69	ISANTI ST. - RT	75	
TOTAL		268	

CULVERT END CONTROL			BH
STATION	LOCATION	QUANTITY	
33+37	ISANTI ST. - RT	1	
33+37	ISANTI ST. - LT	1	
TOTAL		2	

MAILBOX SUPPORT (SWING-AWAY TYPE)			BE
STATION	LOCATION	TYPE	
22+89	163RD LN. - LT	DOUBLE	
28+02	163RD LN. - LT	DOUBLE	
29+31	163RD LN. - LT	SINGLE	
30+52	163RD LN. - LT	SINGLE	
31+89	ISANTI ST. - LT	DOUBLE	
34+43	ISANTI ST. - LT	DOUBLE	
36+33	ISANTI ST. - LT	SINGLE	
37+86	ISANTI ST. - LT	DOUBLE	
TOTAL		13	

RIPRAP CLASS 3			BI
STATION	LOCATION	CU. YD.	
33+37	ISANTI ST. - RT	9.5	
TOTAL		9.5	

TYPE SP 12.5 BITUMINOUS WEARING COURSE MIXTURE (SPWEB240C)				BB
STATION TO STATION	LOCATION	SQ. FT. (1.5 IN)	TON	
25+11 TO 31+50	163RD LANE - ROADWAY	14,412.46	146	
31+50 TO 39+46	ISANTI STREET - ROADWAY	18,150.43	183	
TOTAL			329	

TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (SPWEA240C)				BC
STATION TO STATION	LOCATION	SQ. FT. (1.5 IN)	TON	
25+11 TO 31+50	163RD LANE - ROADWAY	14,412.46	146	
31+50 TO 39+46	ISANTI STREET - ROADWAY	18,150.43	183	
TOTAL			329	

STORM DRAIN INLET PROTECTION			BF
STATION	LOCATION	QUANTITY	
25+21	163RD LN. - LT	1	
25+23	163RD LN. - RT	1	
25+97	163RD LN. - BOTH	2	
28+22	163RD LN. - BOTH	2	
29+23	163RD LN. - BOTH	2	
30+27	163RD LN. - BOTH	2	
31+43	163RD LN. - BOTH	2	
32+59	ISANTI ST. - BOTH	2	
33+36	ISANTI ST. - LT	1	
35+08	ISANTI ST. - BOTH	2	
36+40	ISANTI ST. - BOTH	2	
37+22	ISANTI ST. - LT	1	
39+34	ISANTI ST. - BOTH	2	
48+28	164TH LN. - BOTH	2	
TOTAL		24	

GEOTEXTILE FABRIC TYPE 4			BJ
STATION	LOCATION	SQ. YD.	
33+37	ISANTI ST. - RT	34.2	
TOTAL		34.2	

GEOTEXTILE FABRIC TYPE 5			BK
STATION	LOCATION	SQ. YD.	
25+11 TO 31+50	163RD LN.	3,072	
31+50 TO 34+00	ISANTI ST.	1,108	
TOTAL		4,181	

NOTES:

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- SIGN AND POST INSTALLED BY OTHERS

UTILITIES: CENTURYLINK (763) 712-5017
 CENTERPOINT ENERGY (763) 323-2760
 COMCAST (952) 607-4078
 CONEDUS ENERGY (763) 323-4288
 GREAT RIVERS ENERGY (763) 445-5984

DATE	REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Norm R. Kuegel
 DATE 03/28/24 REG. NO. 48768

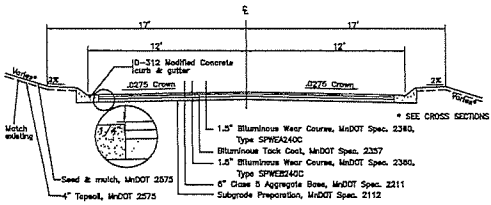
RFC ENGINEERING, INC.
 Consulting Engineers

13635 Johnson Street
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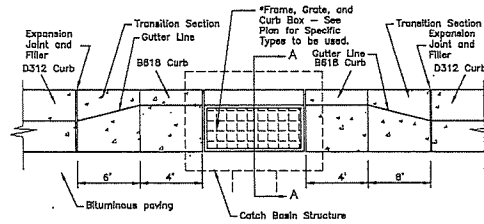
HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET
 EARTHWORK SUMMARY AND TABULATIONS

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 DATE: 03/28/24
 JOB NUMBER: 2103
 SHEET: 4 OF 24
 FILE: 36-2-163

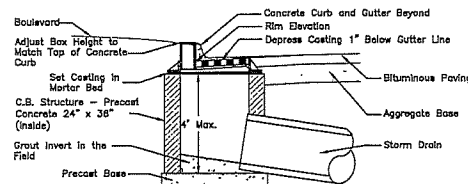
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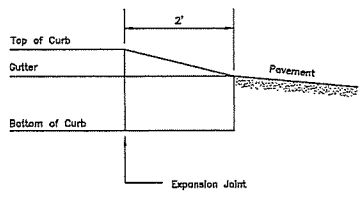
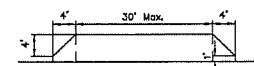
TYPICAL URBAN SECTION
RFC-366E17
NOT TO SCALE



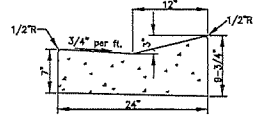
CATCH BASIN PLAN



SECTION A-A
RECTANGULAR CATCH BASIN RFC-459B
NOT TO SCALE
SPECIAL



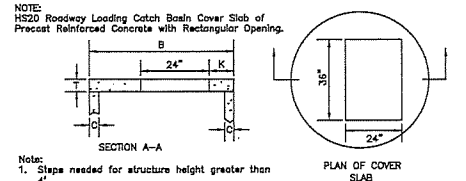
CURB END DETAIL RFC-380A
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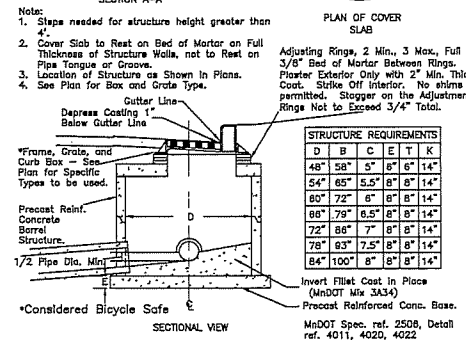
D312 MODIFIED CONCRETE CURB AND GUTTER RFC-355A
NOT TO SCALE

- Notes:
- Match existing driveway width and elevation at matchline unless otherwise directed by engineer (See Plans).
 - If existing driveway is concrete, apron and driveway shall be constructed of 6" concrete with 6" x 6" - 6/8 welded wire fabric per MnDOT Spec. 3303 in flat slabs, not rolls. Epoxy coated dowel bars conforming to MnDOT Spec. 3302 shall be placed in the existing driveway pavement along the sawcut line. Dowel bars shall be properly coated with a MnDOT approved lubricant. Dowel bars shall be size #4 and placed at 24" OC. All work shall conform to MnDOT Spec. 2301 and 2531. Concrete shall be ready-mix 3,800 PSI at 28 days, with air content of 5% to 7%, coarse aggregate shall be 1" max, class A and per MnDOT Spec. 3137. Joint sealer shall be hot-poured, low modulus, mastic type per MnDOT Spec. 3725. Membrane curing compound shall be per MnDOT Specs. 3754 and 2301-3M.
 - If existing driveway is gravel, apron and driveway within R/W shall be constructed per existing bituminous driveways. Gravel driveways matching beyond R/W shall be 8" Class 5.
 - If existing driveway is bituminous, apron and driveway behind apron shall be bituminous per A. above. All bituminous work shall conform to MnDOT Specifications 2112, 2211, 2357 and 2360. Task coat is to be applied between concrete and bituminous surfaces.
 - Driveways in fill sections to slope up from 1" curb lip to end of apron (5' from back of curb) at min of 2% then slope to matchline. See Plan for slopes.

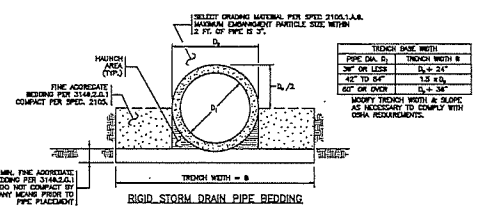
PRIVATE DRIVEWAY/FIELD ENTRANCE RFC-363A3
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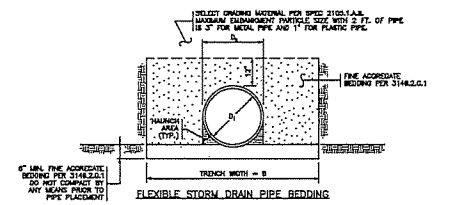
RECTANGULAR INLET FOR ROUND MANHOLE RFC-465A1
NOT TO SCALE



FABRIC AROUND CATCH BASIN RFC-463
NOT TO SCALE



RIGID STORM DRAIN PIPE BEDDING RFC-654
NOT TO SCALE



FLEXIBLE STORM DRAIN PIPE BEDDING RFC-654
NOT TO SCALE

STORM DRAIN BEDDING FOR RIGID AND FLEXIBLE PIPE RFC-654
NOT TO SCALE

UTILITIES: CENTURYLINK (763) 712-2077
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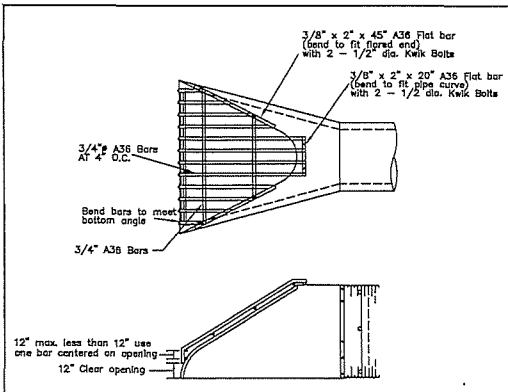
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I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
DATE: 03/28/24 REG. NO. 48768

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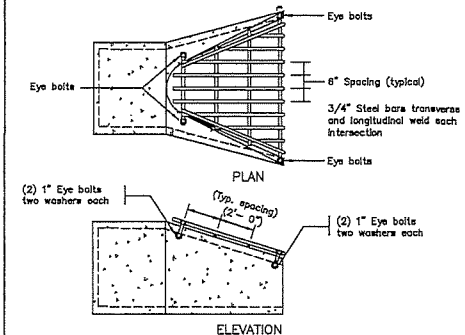
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HAM LAKE IMPROVEMENT PROJECT 2103
MEADOW PARK RECONSTRUCTION
163RD LANE AND ISANTI STREET
DETAILS
DRAWN BY: LOZ
CHECKED BY: DAK

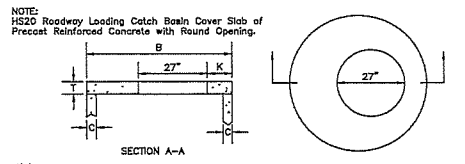
DWG: 2103 DETAIL 1
DATE: 03/28/24
JOB NUMBER: 2103
SHEET: 5 OF 24
FILE: 36-2-164



CPP TRASH GUARD RFC-466C
NOT TO SCALE

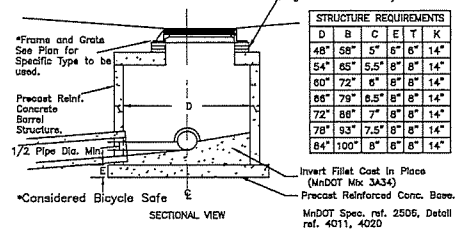


RCP TRASH GUARD RFC-466B
NOT TO SCALE



NOTE:
HS20 Roadway Loading Catch Basin Cover Slab of Precast Reinforced Concrete with Round Opening.

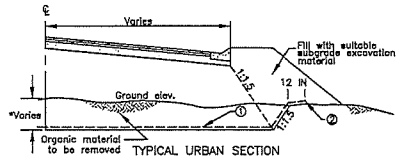
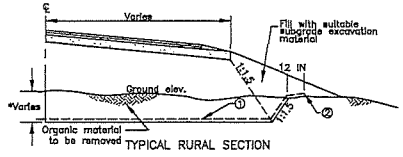
Note:
1. Steps needed for structure height greater than 4'.
2. Cover Slab to Rest on Bed of Mortar on Full Thickness of Structure Walls, not to Rest on Pipe Tongue or Groove.
3. Location of Structure as Shown in Plans.



STRUCTURE REQUIREMENTS

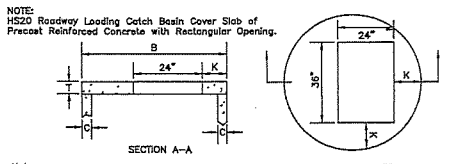
D	B	C	E	T	K
48"	58"	5"	6"	6"	14"
54"	65"	5.5"	6"	6"	14"
60"	72"	6"	6"	6"	14"
66"	79"	6.5"	6"	6"	14"
72"	86"	7"	6"	6"	14"
78"	93"	7.5"	6"	6"	14"
84"	100"	8"	6"	6"	14"

ROUND MANHOLE RFC-465C
NOT TO SCALE
SPECIAL 4 = 60" ϕ



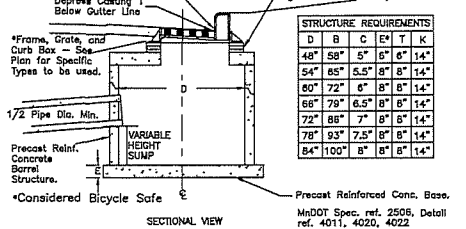
1. Remove organic material to a minimum of 4 feet below top of pavement and place the Geotextile Fabric and install select grading material or other approved material. No vehicle traffic is allowed directly on Geotextile Fabric.
2. Furnish and install Geotextile Fabric Type 5 to 12" post removal limits. Disturbance of existing terrain where Fabric is to be placed shall be minimized.

*SEE CROSS SECTIONS FOR REMOVAL DEPTHS
TYPICAL FLOATING ROAD SECTION
EXISTING ROAD CONSTRUCTION RFC-365C5
NOT TO SCALE



NOTE:
HS20 Roadway Loading Catch Basin Cover Slab of Precast Reinforced Concrete with Rectangular Opening.

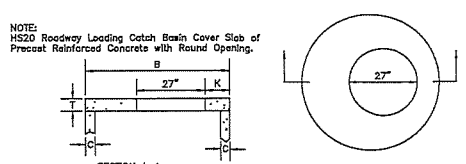
Note:
1. Steps needed for structure height greater than 4'.
2. Cover Slab to Rest on Bed of Mortar on Full Thickness of Structure Walls, not to Rest on Pipe Tongue or Groove.
3. Location of Structure as Shown in Plans.
4. See Plan for Box and Grate Type.



STRUCTURE REQUIREMENTS

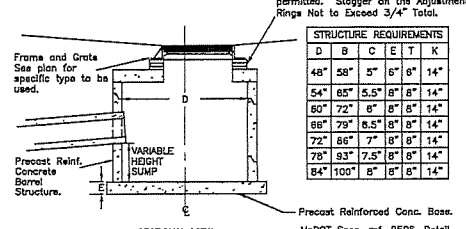
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72"	86"	7"	6"	6"	14"
78"	93"	7.5"	6"	6"	14"
84"	100"	8"	6"	6"	14"

RECTANGULAR INLET FOR ROUND MANHOLE RFC-465A3
NOT TO SCALE
SPECIAL 3 = 72" ϕ



NOTE:
HS20 Roadway Loading Catch Basin Cover Slab of Precast Reinforced Concrete with Round Opening.

Note:
1. Steps needed for structure height greater than 4'.
2. Cover Slab to Rest on Bed of Mortar on Full Thickness of Structure Walls, not to Rest on Pipe Tongue or Groove.
3. Location of Structure as Shown in Plans.



STRUCTURE REQUIREMENTS

D	B	C	E	T	K
48"	58"	5"	6"	6"	14"
54"	65"	5.5"	6"	6"	14"
60"	72"	6"	6"	6"	14"
66"	79"	6.5"	6"	6"	14"
72"	86"	7"	6"	6"	14"
78"	93"	7.5"	6"	6"	14"
84"	100"	8"	6"	6"	14"

ROUND MANHOLE - VARIABLE SUMP RFC-465C5
NOT TO SCALE
SPECIAL 5 = 72" ϕ

UTILITIES: CENTURANK (763) 712-5017
CENTERTANK ENERGY (763) 323-2780
COMCAST (952) 607-4078
CONNEXUS ENERGY (763) 323-4268
GREAT RIVERS ENERGY (763) 445-5884

SOPEX STAYK ONE CALL
800-252-1166 651-454-0002

DATE	REVISION HISTORY

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

DATE: 03/28/24 REC. NO. 48768

RFC ENGINEERING, INC.
Consulting Engineers

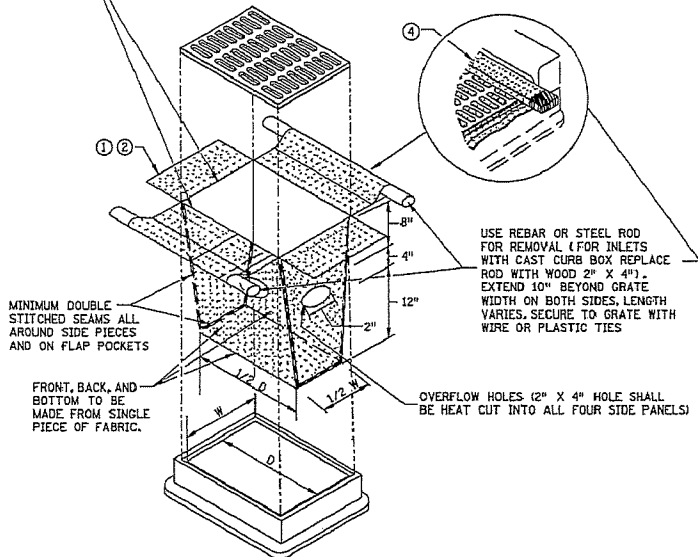
13635 Johnson Street
Ham Lake, MN 55304
Telephone 763-862-8000
Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
MEADOW PARK RECONSTRUCTION
163RD LANE AND ISANTI STREET

DWG: 2103 DETAIL 2
DATE: 03/28/24
JOB NUMBER: 2103
SHEET: 6 OF 24
FILE: 36-2-165

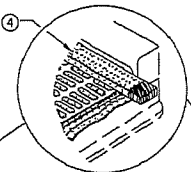
DETAILS
DESIGN BY: LDZ
DRAWN BY: LDZ
CHECKED BY: DAK

INLET SPECIFICATIONS AS PER THE PLAN
DIMENSION LENGTH AND WIDTH TO MATCH
FLAP POCKET



MINIMUM DOUBLE-
STITCHED SEAMS ALL
AROUND SIDE PIECES
AND ON FLAP POCKETS

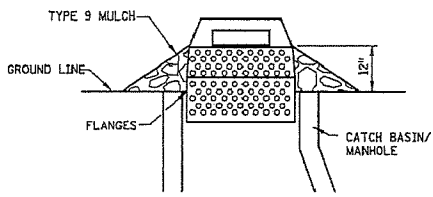
FRONT, BACK, AND
BOTTOM TO BE
MADE FROM SINGLE
PIECE OF FABRIC.



USE REBAR OR STEEL ROD
FOR REMOVAL (FOR INLETS
WITH CAST CURB BOX REPLACE
ROD WITH WOOD 2" X 4").
EXTEND 10" BEYOND GRATE
WIDTH ON BOTH SIDES. LENGTH
VARIES. SECURE TO GRATE WITH
WIRE OR PLASTIC TIES

OVERFLOW HOLES (2" X 4" HOLE SHALL
BE HEAT CUT INTO ALL FOUR SIDE PANELS)

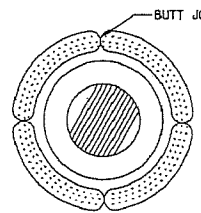
FILTER BAG INSERT ③
(CAN BE INSTALLED IN ANY INLET TYPE
WITH OR WITHOUT A CURB BOX)



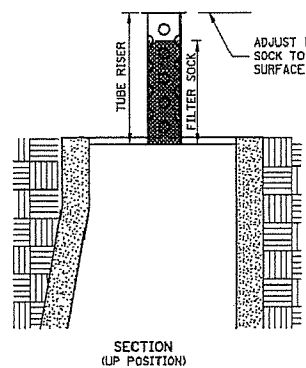
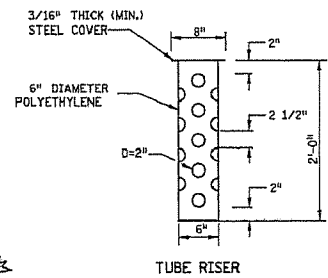
SEDIMENT CONTROL INLET HAT

NOTE:
THE SEDIMENT CONTROL BARRIER SHALL BE A METAL
OR PLASTIC/POLYETHYLENE RISER SIZED TO FIT INSIDE
THE CATCH BASIN/MANHOLE; HAVE PERFORATIONS TO ALLOW
FOR WATER INFILTRATION; HAVE AN OVERFLOW OPENING,
FLANGES AND A LID/COVER.

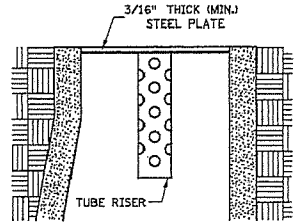
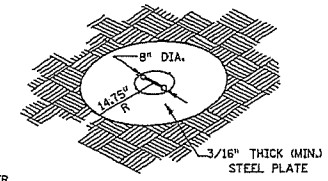
ENDS SECURELY CLOSED TO
PREVENT LOSS OF OPEN GRADED
AGGREGATE FILL. SECURED WITH
50 PSI ZIP TIE.



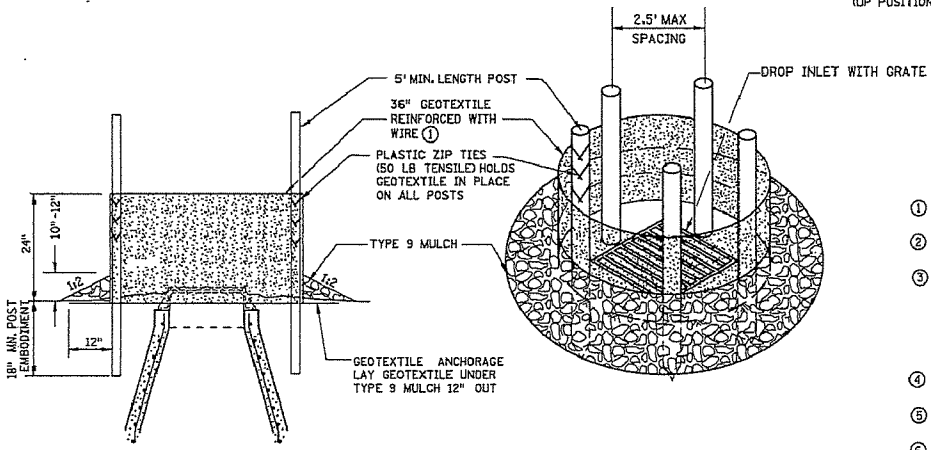
ROCK LOG/COMPOST LOG



**SECTION
(UP POSITION)**



POP-UP HEAD



SILT FENCE RING AND ROCK FILTER BERM
USE WHERE INLET DRAINS IN AN AREA WITH SLOPES AT 1:3 OR LESS

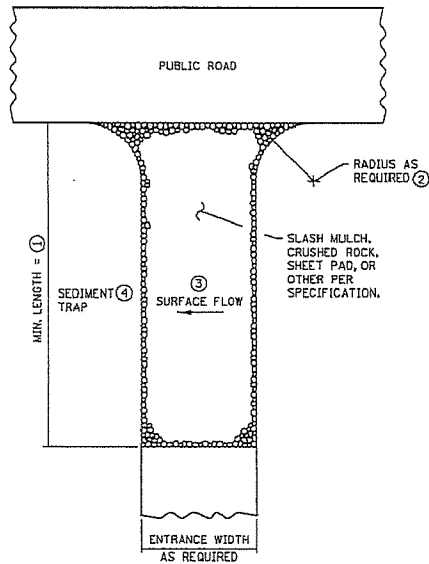
NOTES:

- SEE SPECS. 2573, 3137, & 3886.
- DEVICES MUST BE ADJUSTED ACCORDINGLY AS TO NOT CAUSE FLOODING ON ROADWAY THAT WOULD IMPEDE TRAFFIC FLOW.
- ① ALL GEOTEXTILE USED FOR INLET PROTECTION SHALL BE MONOFILAMENT IN BOTH DIRECTIONS, MEETING SPEC. 3886.
- ② FINISHED SIZE, INCLUDING POCKETS WHERE REQUIRED SHALL EXTEND A MINIMUM OF 10 INCHES AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ③ INSTALLATION NOTES:
DO NOT PLACE FILTER BAG INSERT IN INLETS SHALLOWER THAN 30 INCHES, MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. THE PLACED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE OF 3 INCHES BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES. WHERE NECESSARY THE CONTRACTOR SHALL CLINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3 INCH SIDE CLEARANCE.
- ④ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2 INCH X 4 INCH OR USE A ROCK SOCK OR SAND BAGS IN PLACE OF THE FLAP POCKETS.
- ⑤ SOCK HEIGHT MUST NOT BE SO HIGH AS TO SLOW DOWN WATER FILTRATION TO CAUSE FLOODING OF THE ROADWAY.
- ⑥ GEOTEXTILE SOCK BETWEEN 4-10 FEET LONG AND 4-6 INCH DIAMETER, SEAM TO BE JOINED BY TWO ROWS OF STITCHING WITH A PLASTIC MESH BACKING OR PROVIDE A HEAT BONDED SEAM (OR APPROVED EQUIVALENT). FILL ROCK LOG WITH OPEN GRADED AGGREGATE CONSISTING OF SOUND DURABLE PARTICLES OF COARSE AGGREGATE CONFORMING TO SPEC. 3137 TABLE 3137-1; CA-3 GRADATION.

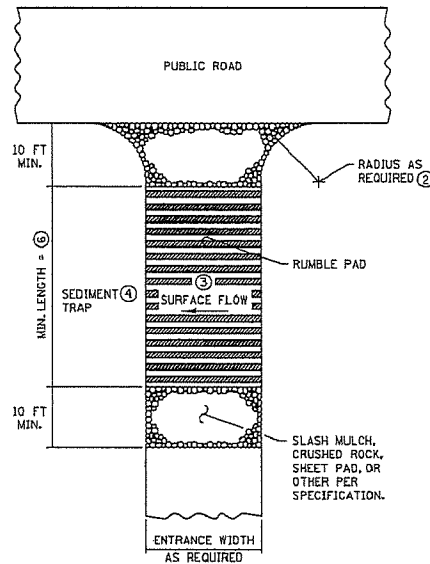
REVISION:
APPROVED: 2-28-2017
<i>[Signature]</i> CHIEF ENVIRONMENTAL OFFICER

	STANDARD PLAN 5-297.405	4 OF 8
	APPROVED: 2-28-2017	REVISOR:
STATE DESIGN ENGINEER	STATE PROJ. NO.	

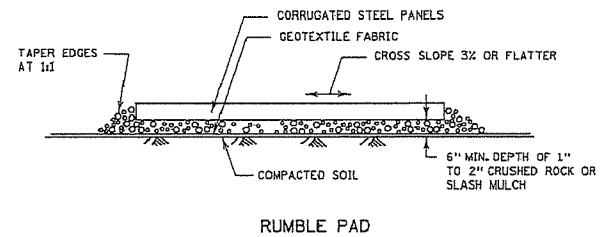
TEMPORARY SEDIMENT CONTROL	
STORM DRAIN INLET PROTECTION	
(T.H.)	SHEET NO. 7 OF 24 SHEETS



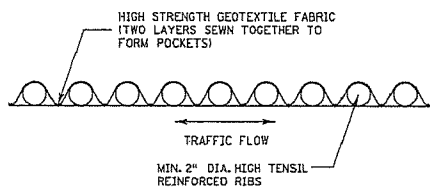
SLASH MULCH, CRUSHED ROCK, OR SHEET PAD CONSTRUCTION EXIT (3)(7)



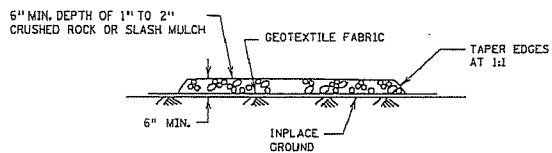
RUMBLE PAD CONSTRUCTION EXIT (3)(7)



RUMBLE PAD



SHEET PAD



SLASH MULCH OR CRUSHED ROCK

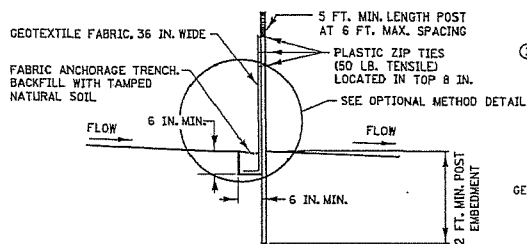
NOTES:

- SEE SPECS. 2573 & 3882.
- (1) MINIMUM LENGTH SHALL BE THE GREATER OF 50 FEET OR A LENGTH SUFFICIENT TO ALLOW A MINIMUM OF 5 TIRE ROTATIONS ON THE PROVIDED PAD. MINIMUM LENGTH SHALL BE CALCULATED USING THE LARGEST TIRE WHICH WILL BE USED IN TYPICAL OPERATIONS.
- (2) PROVIDE RADIUS OR WIDEN PAD SUFFICIENTLY TO PREVENT VEHICLE TIRES FROM TRACKING OFF OF PAD WHEN LEAVING SITE.
- (3) IF RUNOFF FROM DISTURBED AREAS FLOWS TOWARD CONSTRUCTION EXITS, PREVENT RUNOFF FROM DRAINING DIRECTLY TO PUBLIC ROAD OVER CONSTRUCTION EXIT BY CROWNING THE EXIT OR SLOPING TO ONE SIDE. IF SURFACE GRADING IS INSUFFICIENT, PROVIDE OTHER MEANS OF INTERCEPTING RUNOFF.
- (4) IF RUNOFF FROM CONSTRUCTION EXITS WILL DRAIN OFF OF PROJECT SITE, PROVIDE SEDIMENT TRAP WITH STABILIZED OVERFLOW.
- (5) IF A TIRE WASH OFF IS REQUIRED THE CONSTRUCTION EXITS SHALL BE GRADED TO DRAIN THE WASH WATER TO A SEDIMENT TRAP.
- (6) MINIMUM LENGTH OF RUMBLE PAD SHALL BE 20 FEET, OR AS REQUIRED TO REMOVE SEDIMENT FROM TIRES. IF SIGNIFICANT SEDIMENT IS TRACKED FROM THE SITE, THE RUMBLE PAD SHALL BE LENGTHENED OR THE DESIGN MODIFIED TO PROVIDE ADDITIONAL VIBRATION. WASH-OFF LENGTH SHALL BE AS REQUIRED TO EFFECTIVELY REMOVE CONSTRUCTION SEDIMENT FROM VEHICLE TIRES.
- (7) MAINTENANCE OF CONSTRUCTION EXITS SHALL OCCUR WHEN THE EFFECTIVENESS OF SEDIMENT REMOVAL HAS BEEN REDUCED. MAINTENANCE SHALL CONSIST OF REMOVING SEDIMENT AND CLEANING THE MATERIALS OR PLACING ADDITIONAL MATERIAL (SLASH MULCH OR CRUSHED ROCK) OVER SEDIMENT FILLED MATERIAL TO RESTORE EFFECTIVENESS.

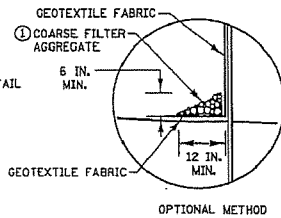
REVISION:
 APPROVED: 2-28-2017
[Signature]
 CHIEF ENVIRONMENTAL OFFICER

	STANDARD PLAN 5-297.405	5 OF 8
		APPROVED: 2-28-2017
DEPARTMENT OF TRANSPORTATION	STATE PROJ. NO.	REVISED:

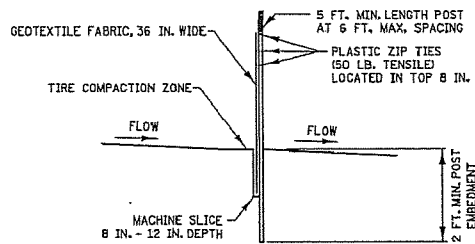
TEMPORARY SEDIMENT CONTROL
 STABILIZED CONSTRUCTION EXIT
 (T.H.) SHEET NO. 8 OF 24 SHEETS



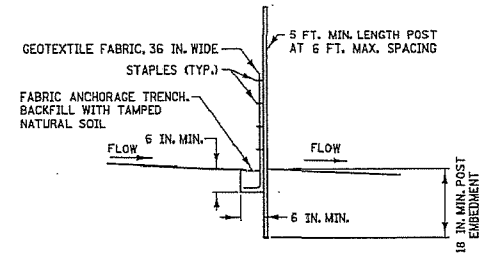
SILTS FENCE TYPE HI ②
(HAND INSTALLED)



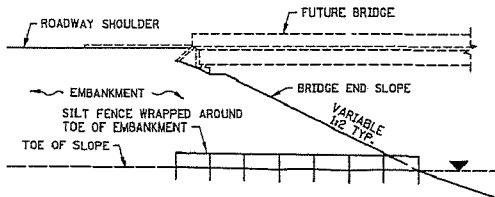
OPTIONAL METHOD



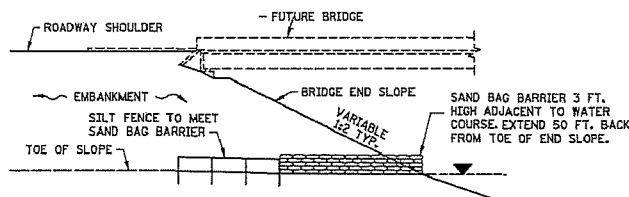
SILTS FENCE TYPE MS ②
(MACHINE SLICED)



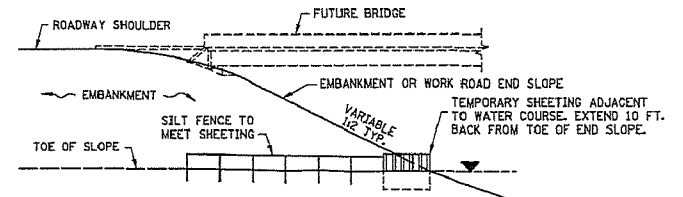
SILTS FENCE TYPE PA ②
(PREASSEMBLED)



SILTS FENCE ONLY ④

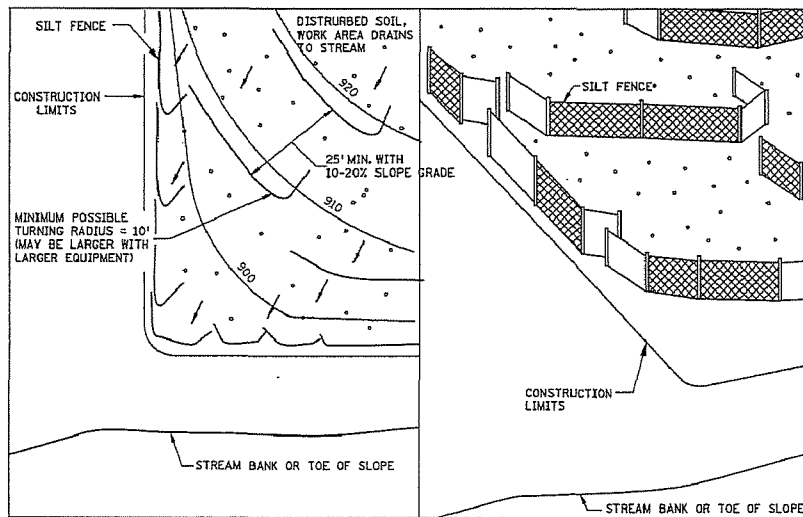


SILTS FENCE WITH SAND BAGS ⑤



SILTS FENCE WITH SHEETING ⑥

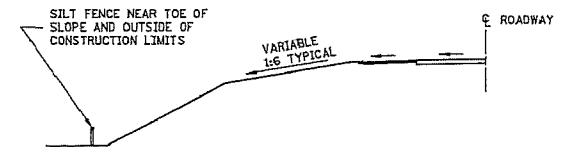
INSTALLATION AT BRIDGE EMBANKMENT ADJACENT TO WATER



PLAN VIEW

PERSPECTIVE VIEW

J-HOOK INSTALLATION



LOCATION AT TOE OF ROADWAY EMBANKMENT

NOTES:

- SEE SPECS. 2573, 3149 & 3886.
- ① COARSE FILTER AGGREGATE (SPEC. 3149) SHALL BE INCIDENTAL.
- ② TO PROTECT AREAS FROM SHEET FLOW, MAXIMUM CONTRIBUTING AREA: 1 ACRE.
- ③ TO PROTECT AREAS FROM SHEET FLOW, MAXIMUM CONTRIBUTING AREA: 0.25 ACRE.
- ④ WATER COURSE FLOW VELOCITY: STANDING. CONTRIBUTING SLOPE AREA: 1/2 ACRE.
- ⑤ WATER COURSE FLOW VELOCITY: 1 TO 7 FT./SEC. CONTRIBUTING SLOPE AREA: 1 ACRE.
- ⑥ WATER COURSE FLOW VELOCITY: 8 TO 15 FT./SEC. CONTRIBUTING SLOPE AREA: 3 ACRES.

REVISION:
APPROVED: 2-28-2017
GUD ENVIRONMENTAL OFFICER

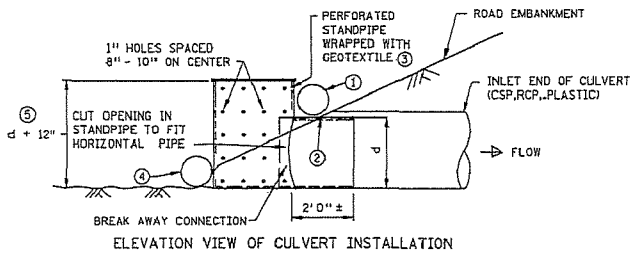
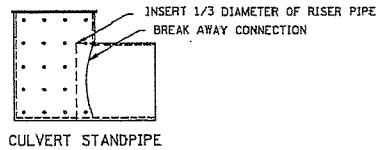
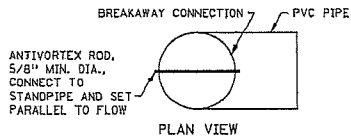
m
MINNESOTA
DEPARTMENT
OF
TRANSPORTATION

STANDARD PLAN 5-297.405
6 OF 8
APPROVED: 2-28-2017
REVISED:
STATE DESIGN ENGINEER

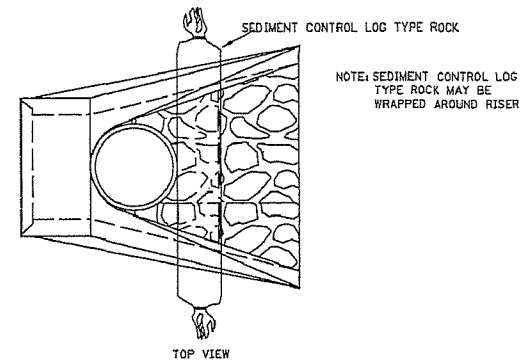
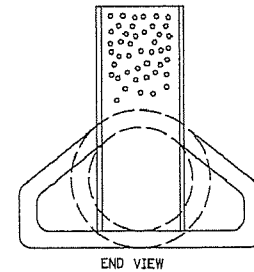
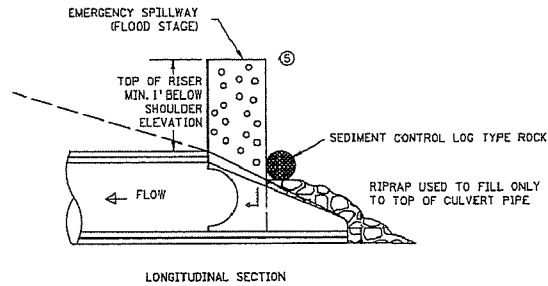
STATE PROJ. NO.

TEMPORARY SEDIMENT CONTROL
SILTS FENCE

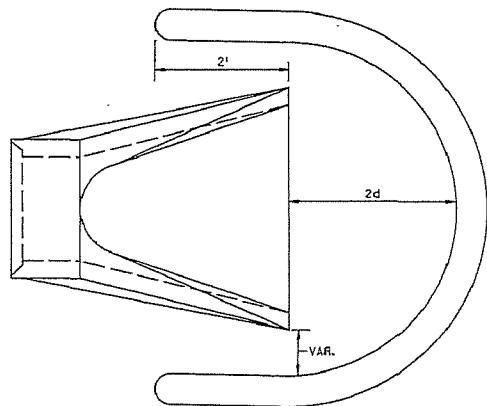
(T.H.) SHEET NO. 9 OF 24 SHEETS



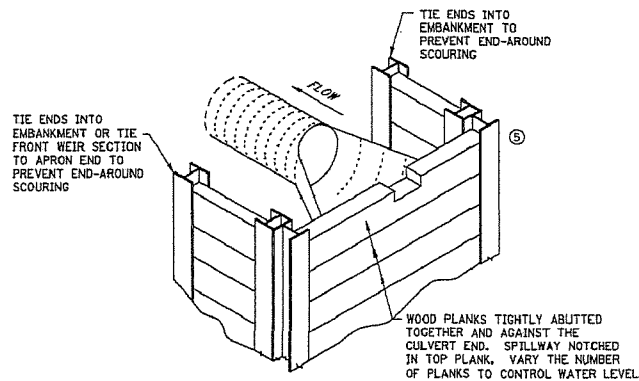
CULVERT STANDPIPE INSERT (D-RISER)
d = CULVERT SIZE: 12" - 36"



CULVERT STANDPIPE INSERT (D-RISER)



SEDIMENT CONTROL LOG WEIR
(COMPOST, WOOD CHIP, OR ROCK)
d = CULVERT SIZE: 12" - 36"



WOOD PLANK WEIR

NOTES:

- SEE SPECS. 2573, 3891 & 3893.
- FOR USE WHEN TEMPORARY PONDING IS NEEDED IN DITCH SECTIONS FOR SEDIMENT CONTROL.
- MANUFACTURED ALTERNATIVES LISTED ON MNDOT'S APPROVED PRODUCTS LIST MAY BE SUBSTITUTED AT NO ADDITIONAL COST.
- ① ROCK LOG OR SANDBAG TO HOLD STANDPIPE AND ACT AS A SEAL BETWEEN RISER PIPE AND CULVERT.
- ② PLACE CULVERT APRON AND SLIDE TEMPORARY STANDPIPE INTO CSP OR RCP CULVERT.
- ③ ALL GEOTEXTILE USED FOR CULVERT PROTECTION SHALL BE MONOFILAMENT IN BOTH DIRECTIONS, MEETING SPEC. 3886 FOR MACHINE SLICED.
- ④ ROCK LOG OR RIP RAP TO HOLD STANDPIPE AND ACT AS A FILTER BETWEEN RISER PIPE AND CULVERT.
- ⑤ HEIGHT OVERFLOW NOT TO CAUSE FLOODING OF ROAD OR ADJACENT PROPERTIES.

REVISION:
APPROVED: 2-28-2017
...
CHIEF ENGINEER, OFFICE



STANDARD PLAN 5-297.405 8 OF 8

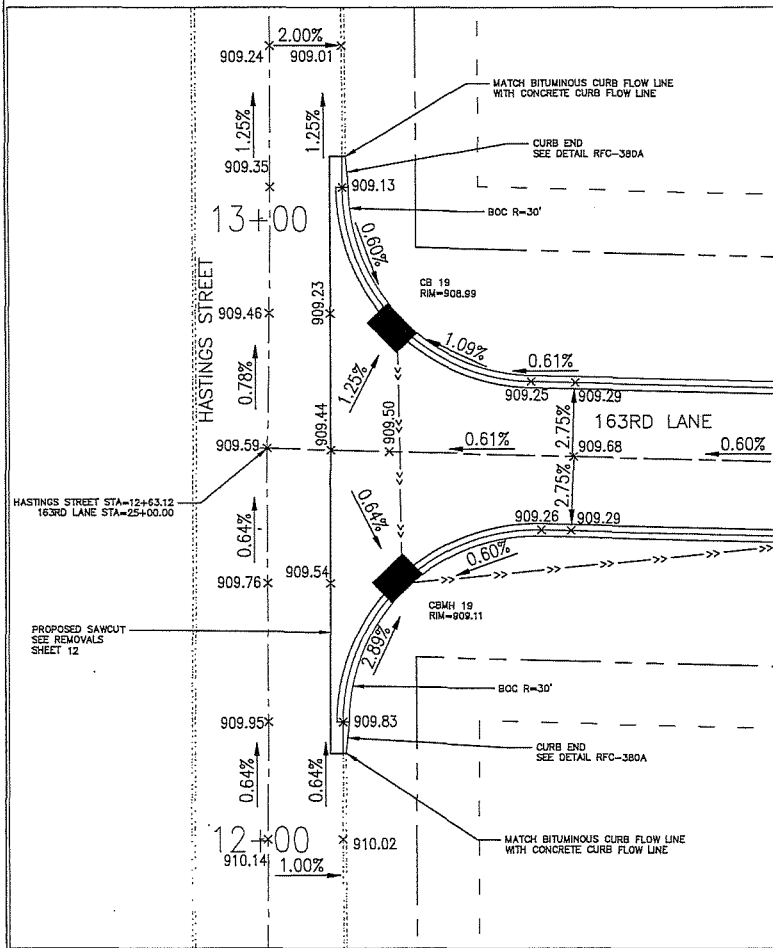
APPROVED: 2-28-2017
REVISED:
STATE DESIGN ENGINEER

STATE PROJ. NO.

TEMPORARY SEDIMENT CONTROL

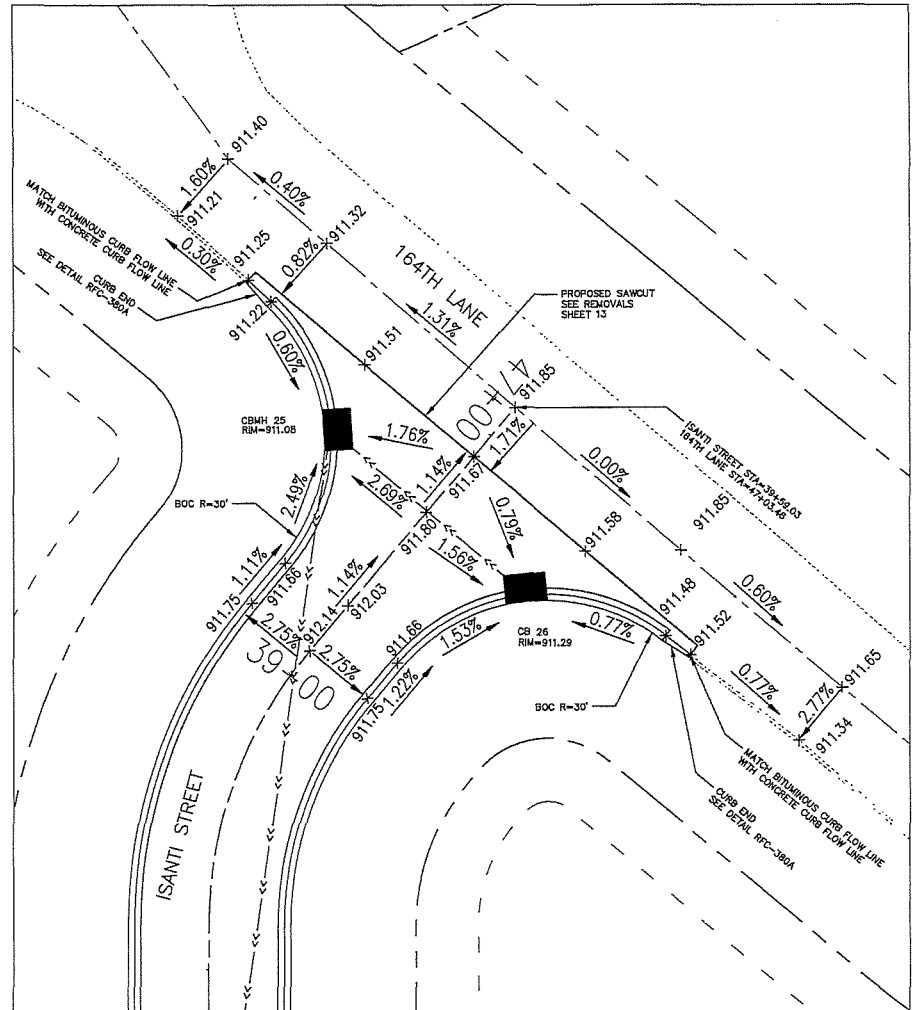
CULVERT END CONTROLS

(T.H.) SHEET NO. 10 OF 24 SHEETS

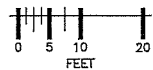


HASTINGS ST AND 163RD LANE

- NOTES:
1. ALL DISTURBED AREAS TO BE SEEDED, MULCHED AND FERTILIZED WITHIN 7 DAYS OF ROUGH GRADING. IF THERE IS A SCHEDULED PAUSE OF WORK THAT WILL LAST 7 DAYS OR LONGER, ALL SOILS AND STOCKPILES ARE REQUIRED TO BE STABILIZED WITHIN THE FIRST 24 HOURS OF INACTIVITY.
 2. ALL REMOVALS ARE TO BE DISPOSED OF LEGALLY.



ISANTI STREET AND 164TH LANE



ALL DETAILS

SUPPER STATE ONE CALL
800-252-1166 651-454-0002

UTILITIES: CENTURYLINK (763) 712-5017
CENTERPOINT ENERGY (763) 323-2760
COMCAST (952) 607-4076
CONNERCUS ENERGY (763) 323-4268
GREAT RIVERS ENERGY (763) 445-5984

DATE	REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
David A. Richter
DATE 03/28/24 REG. NO. 58768

RFC ENGINEERING, INC.
Consulting Engineers

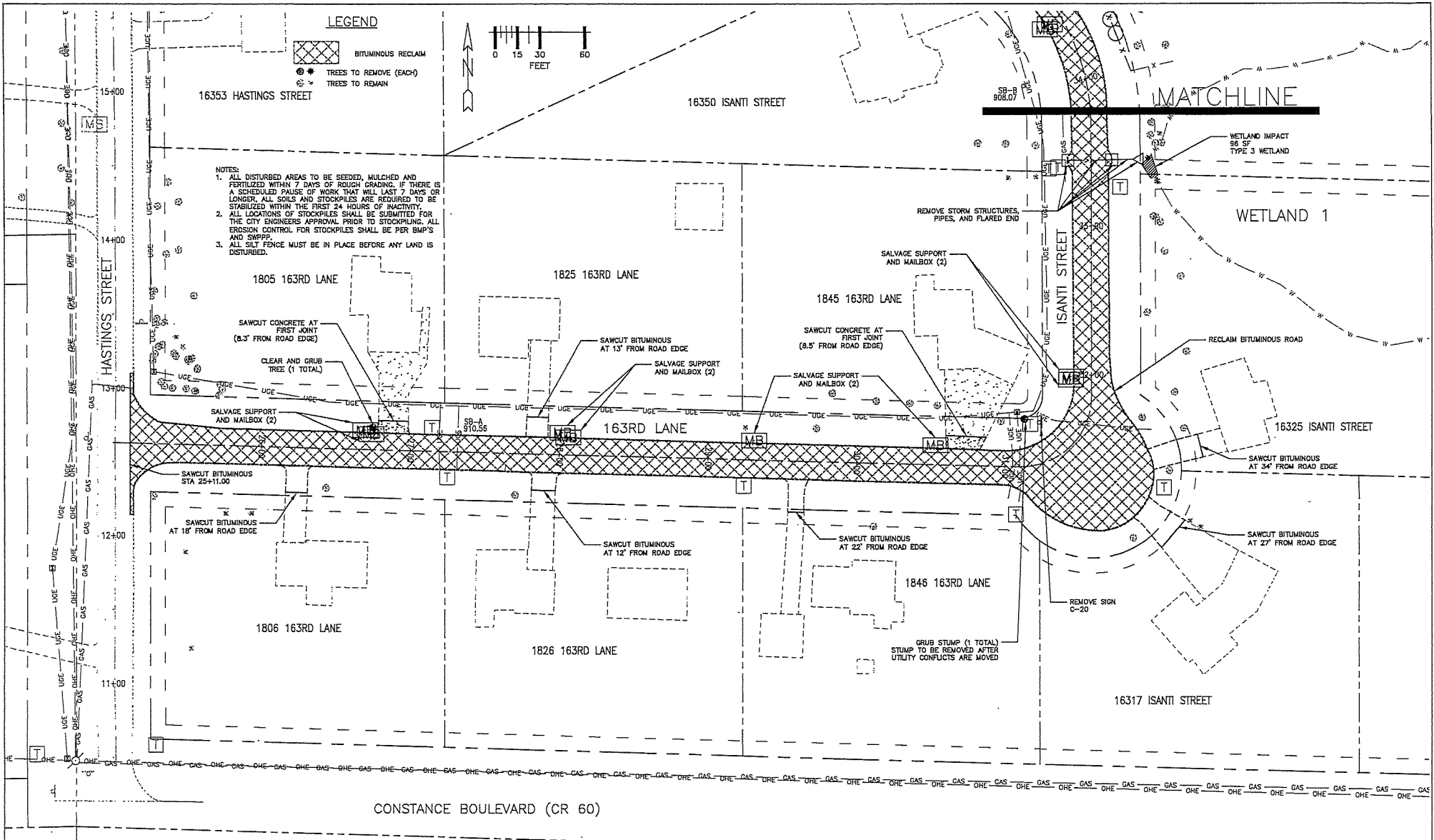
13635 Johnson Street
Ham Lake, MN 55304
Telephone 763-862-8000
Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
MEADOW PARK RECONSTRUCTION
163RD LANE AND ISANTI STREET

INTERSECTION DETAILS

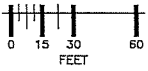
DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DAK

DWG: 2103 INT 1
DATE: 03/28/24
JOB NUMBER: 2103
SHEET: 11 OF 24
FILE: 36-2-170



LEGEND

- BITUMINOUS RECLAIM
- TREES TO REMOVE (EACH)
- TREES TO REMAIN



- NOTES:**
1. ALL DISTURBED AREAS TO BE SEED, MULCHED AND FERTILIZED WITHIN 7 DAYS OF ROUGH GRADING. IF THERE IS A SCHEDULED PAUSE OF WORK THAT WILL LAST 7 DAYS OR LONGER, ALL SOILS AND STOCKPILES ARE REQUIRED TO BE STABILIZED WITHIN THE FIRST 24 HOURS OF INACTIVITY.
 2. ALL LOCATIONS OF STOCKPILES SHALL BE SUBMITTED FOR THE CITY ENGINEERS APPROVAL PRIOR TO STOCKPILING. ALL EROSION CONTROL FOR STOCKPILES SHALL BE PER BMP'S AND SWPPP.
 3. ALL SILT FENCE MUST BE IN PLACE BEFORE ANY LAND IS DISTURBED.



UTILITIES: CENTURYLINK (763) 712-5017
 CENTERPOINT ENERGY (763) 323-2780
 COMCAST (652) 607-4078
 CONNEXUS ENERGY (763) 323-4208
 GREAT RIVERS ENERGY (763) 445-5984

DATE	REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

David R. Ruppel
 DATE 03/28/24 REG. NO. 48768

RFC ENGINEERING, INC.
 Consulting Engineers

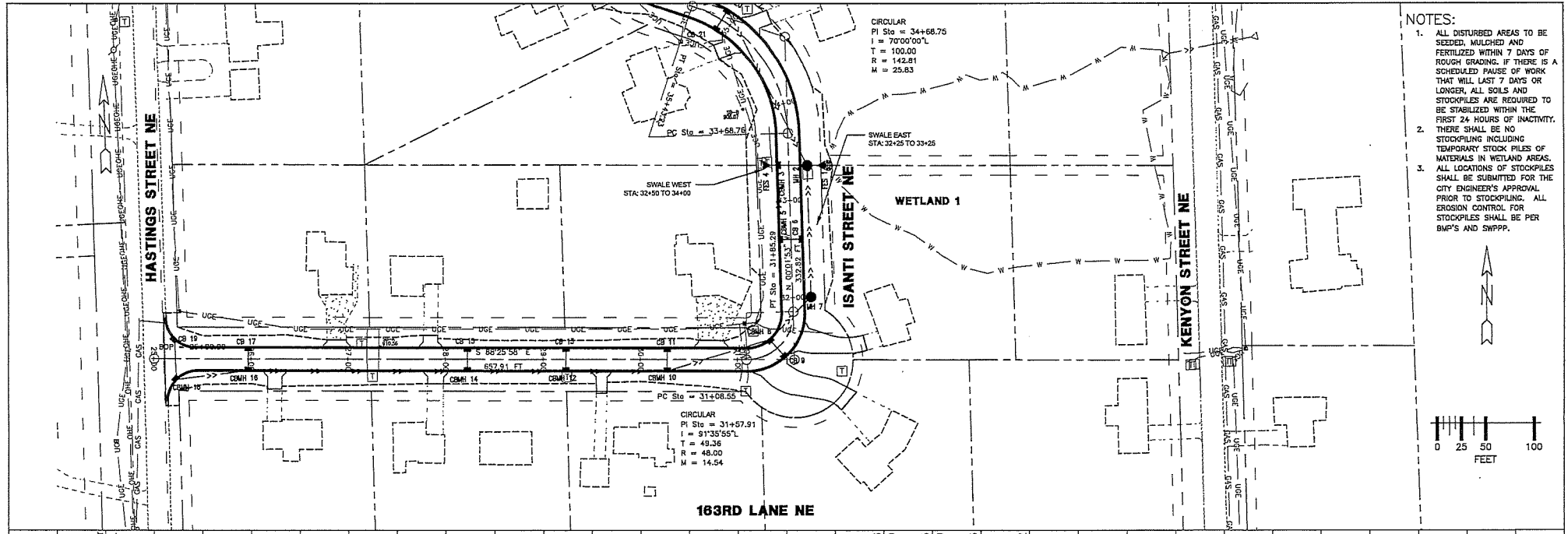
13635 Johnson Street
 Ham Lake, MN 55304
 Telephone 763-862-6000
 Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET

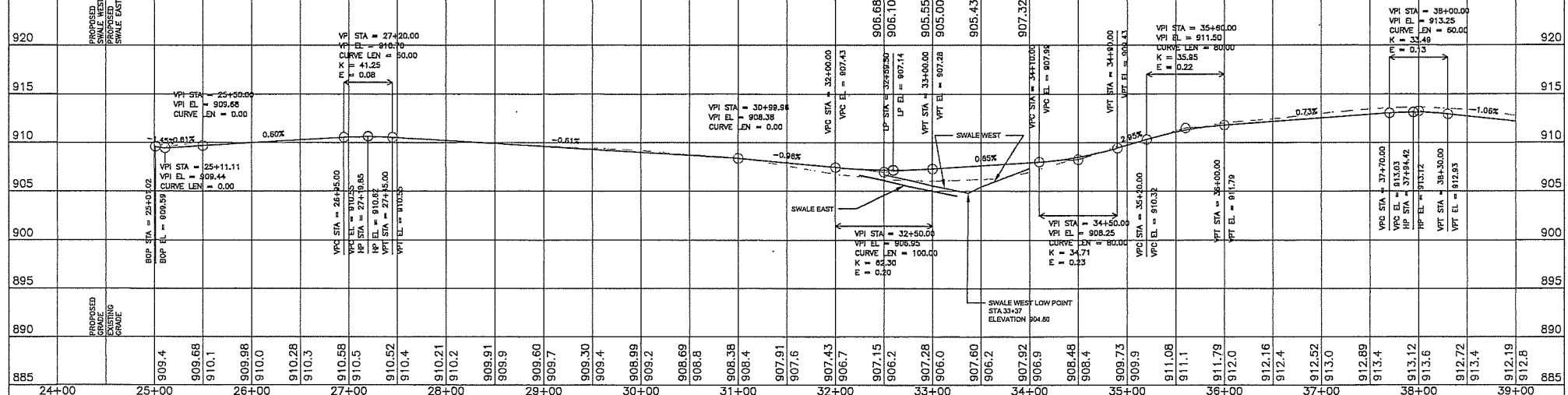
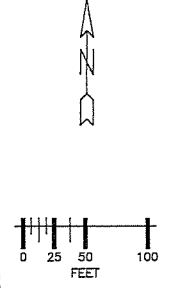
REMOVAL PLAN
 163RD LANE

DWG: 2103 REMOVAL 1
 DATE: 03/28/24
 JOB NUMBER: 2103
 SHEET: 12 OF 24
 FILE: 36-2-171

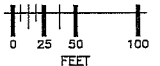
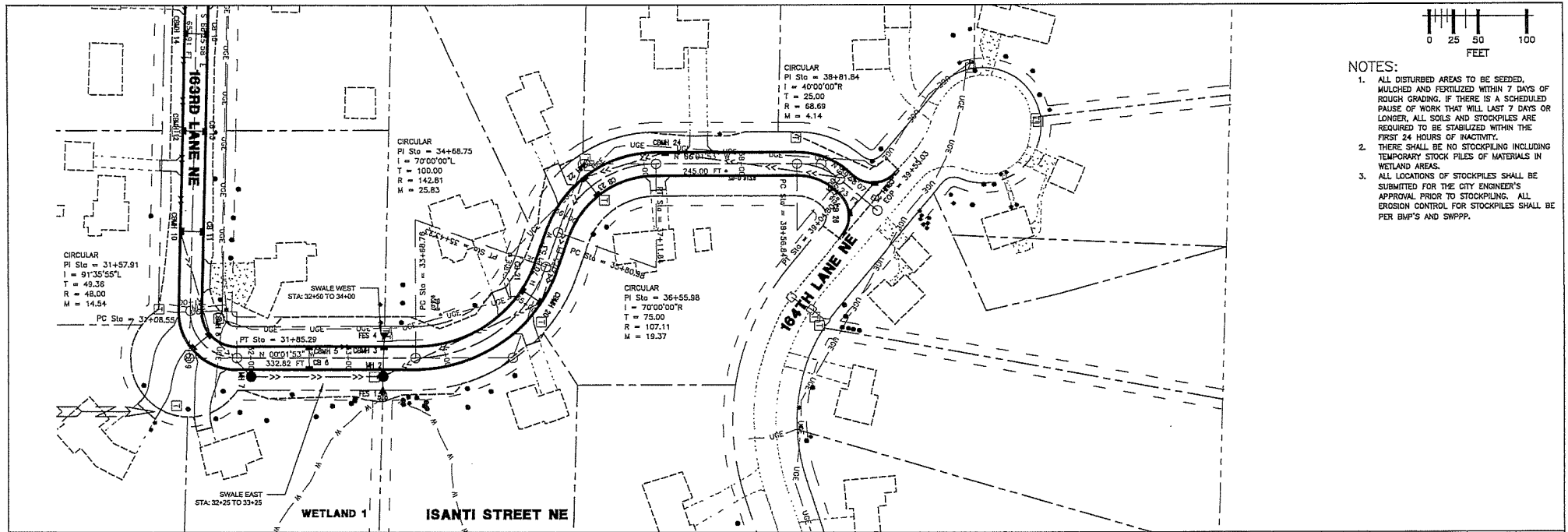
DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DAK



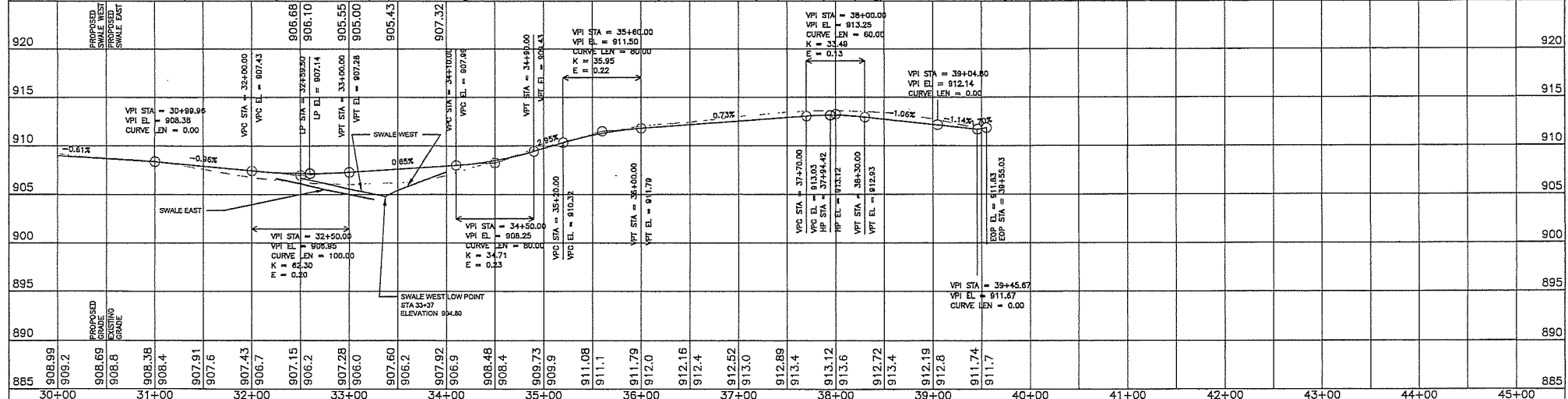
- NOTES:**
1. ALL DISTURBED AREAS TO BE SEEDING, MULCHED AND FERTILIZED WITHIN 7 DAYS OF ROUGH GRADING. IF THERE IS A SCHEDULED PAUSE OF WORK THAT WILL LAST 7 DAYS OR LONGER, ALL SOILS AND STOCKPILES ARE REQUIRED TO BE STABILIZED WITHIN THE FIRST 24 HOURS OF INACTIVITY.
 2. THERE SHALL BE NO STOCKPILING INCLUDING TEMPORARY STOCK PILES OF MATERIALS IN WETLAND AREAS.
 3. ALL LOCATIONS OF STOCKPILES SHALL BE SUBMITTED FOR THE CITY ENGINEER'S APPROVAL PRIOR TO STOCKPILING. ALL EROSION CONTROL FOR STOCKPILES SHALL BE PER BMP'S AND SWPPP.



<p>BOPIER & STATE DNK CALL 800-252-1166 651-454-0002 <small>PLST DATE: 3/28/24 10:55</small></p>	<p>UTILITIES: CENTURILINK (763) 712-5617 CENTERPOINT ENERGY (763) 323-2760 COMCAST (952) 607-4078 CONIXUS ENERGY (763) 333-4236 GREAT RIVERS ENERGY (763) 445-5884</p>	<p>DATE: 03/28/24</p> <p>REVISION HISTORY:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>REVISION HISTORY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	REVISION HISTORY			<p>I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.</p> <p><i>Robert Engle</i> DATE: 03/28/24 REG. NO. 487268</p>
DATE	REVISION HISTORY						
<p>RFC ENGINEERING, INC. Consulting Engineers</p>		<p>13635 Johnson Street Ham Lake, MN 55504 Telephone 763-862-8000 Fax 763-862-8042</p>	<p>HAM LAKE IMPROVEMENT PROJECT 2103 MEADOW PARK RECONSTRUCTION 163RD LANE AND ISANTI STREET</p> <p style="text-align: center;">PLAN AND PROFILE 163RD LANE</p> <p>DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DAK</p>				
		<p>DWG: RCP01032 DATE: 03/28/24 JOB NUMBER: 2103</p>	<p>SHEET: 14 OF 24 FILE: 36-2-173</p>				



- NOTES:**
1. ALL DISTURBED AREAS TO BE SEED, MULCHED AND FERTILIZED WITHIN 7 DAYS OF ROUGH GRADING. IF THERE IS A SCHEDULED PAUSE OF WORK THAT WILL LAST 7 DAYS OR LONGER, ALL SOILS AND STOCKPILES ARE REQUIRED TO BE STABILIZED WITHIN THE FIRST 24 HOURS OF INACTIVITY.
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DATE	REVISION HISTORY
03/28/24	REC. NO. 48768

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RFC ENGINEERING, INC.
 Consulting Engineers

13635 Johnson Street
 Ham Lake, MN 55304
 Telephone 763-862-8000
 Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET

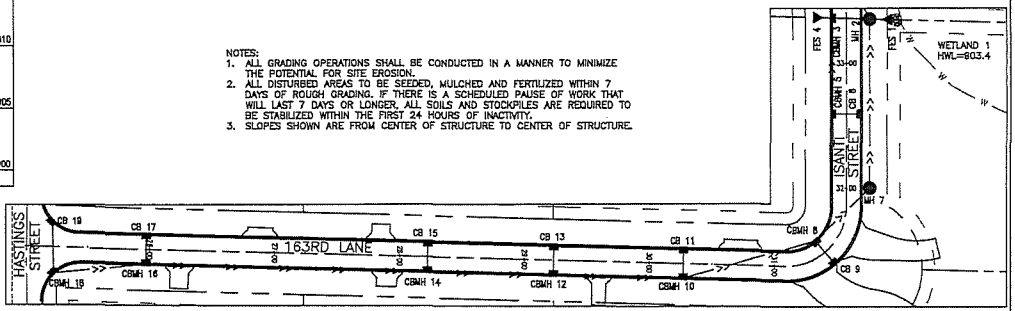
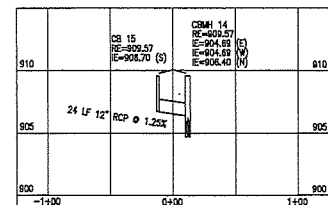
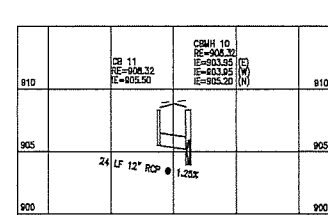
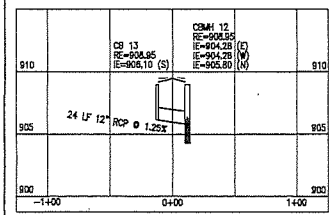
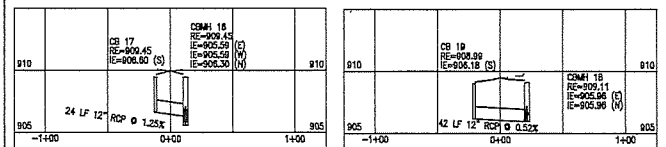
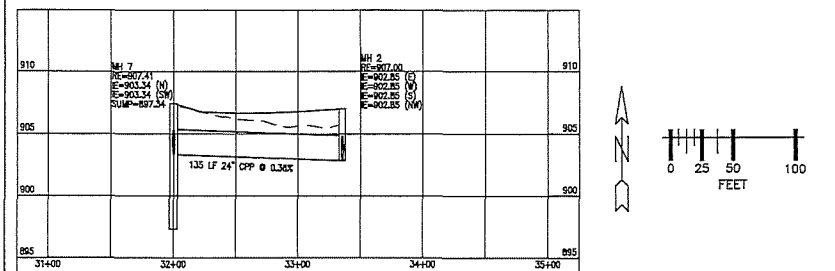
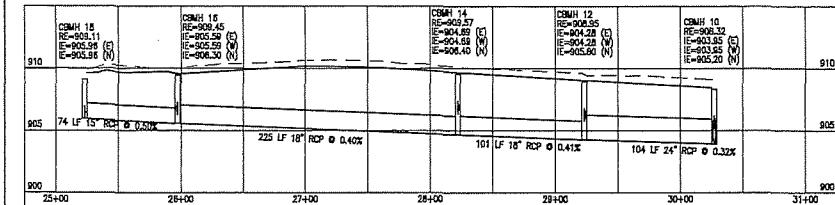
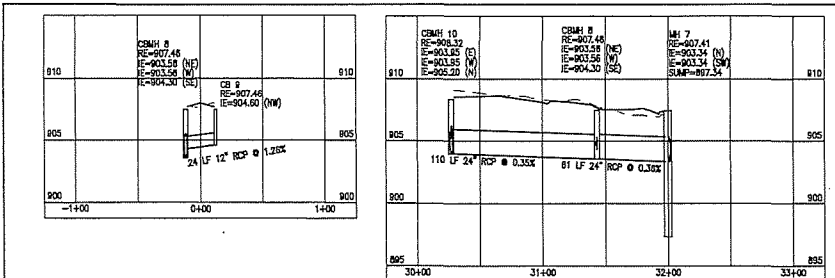
PLAN AND PROFILE
 ISANTI STREET

DESIGN BY: LOZ DRAWN BY: LOZ CHECKED BY: DAK

DWG: RCP20324
 DATE: 03/28/24
 JOB NUMBER: 2103
 SHEET: 15 OF 24
 FILE: 36-2-174



UTILITIES:
 CENTURYLINK (763) 712-2017
 CENTERPOINT ENERGY (763) 323-2760
 COMCAST (652) 807-4078
 CONNEXUS ENERGY (763) 333-4288
 GREAT RIVERS ENERGY (763) 445-5884



STORM DRAIN

STRUCTURE	STATION	LOCATION	SIZE OF STRUCTURE	DESIGN	TOP OF CASTING OR INLET	INVERT	CASTING ASSEMBLY (NEENAH, E.I., DU)*	TYPE GRATE (NEENAH CASTINGS)	12"	15"	18"	24"	24"	PIPE APRON	TRASH GUARD	APRON	FLOWS TO	INLET	% GRADE
									R.C.P.	R.C.P.	R.C.P.	R.C.P.	PIPE APRON						
CB 19	25+21.3	LT.	2' x 3'	RFC-459B	908.99	906.18	R-3248	C									CBMH 18	905.96	0.52
CBMH 18	25+23.2	RT.	48" #	RFC-465A1	909.11	905.98	R-3248	C									CBMH 10	905.59	0.50
CB 17	25+97.1	LT.	2' x 3'	RFC-459B	909.45	906.60	R-3248	L									CBMH 16	908.30	1.25
CBMH 16	25+97.1	RT.	48" #	RFC-465A1	909.45	905.59	R-3248	L									CBMH 14	904.69	0.40
CB 15	26+22.2	LT.	2' x 3'	RFC-459B	909.57	906.70	R-3248	L				225					CBMH 14	906.40	1.25
CBMH 14	28+22.2	RT.	48" #	RFC-465A1	908.57	904.69	R-3248	L									CBMH 12	904.28	0.41
CB 13	29+23.3	LT.	2' x 3'	RFC-459B	908.95	906.10	R-3248	L				101					CBMH 12	905.80	1.25
CBMH 12	28+23.2	RT.	48" #	RFC-465A1	908.95	904.28	R-3248	L									CBMH 10	903.95	0.32
CB 11	30+27.2	LT.	2' x 3'	RFC-459B	908.32	905.50	R-3248	L									CBMH 10	905.20	1.25
CBMH 10	30+27.2	RT.	48" #	RFC-465A1	908.32	903.95	R-3248	L									CBMH 8	903.56	0.35
CB 9	31+43.3	RT.	2' x 3'	RFC-459B	907.48	904.80	R-3501-TB	L									CBMH 8	904.30	1.26
CBMH 8	31+43.3	LT.	48" #	RFC-465A1	907.48	903.56	R-3248	L									MH 7	903.34	0.36
MH 7	32+00	LT.	72" #	RFC-4850C	907.41	903.34	R-1733	-									MH 2	902.85	0.36
TOTAL									162	74	326	275	135						

- NOTES:
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 3. SLOPES SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.

Gopher State One Call
202-252-1166 651-454-0002

UTILITIES:
CENTURYLINK (763) 712-5017
CENTERPOINT ENERGY (763) 323-2760
COMCAST (652) 657-4078
CONQUUS ENERGY (763) 323-4268
GREAT RIVERS ENERGY (763) 445-5984

DATE	REVISION HISTORY

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Date: 03/28/24 REC. NO. 48768

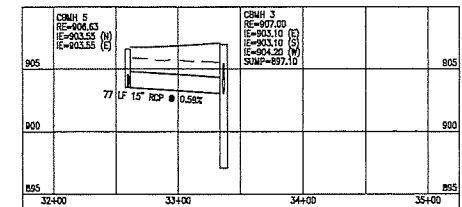
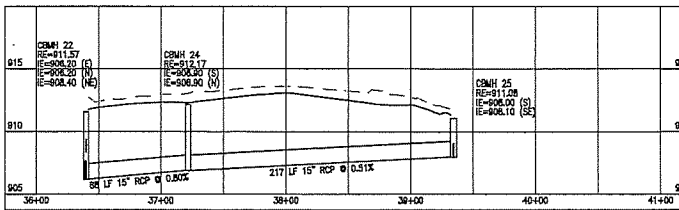
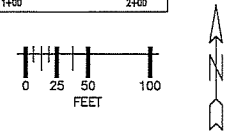
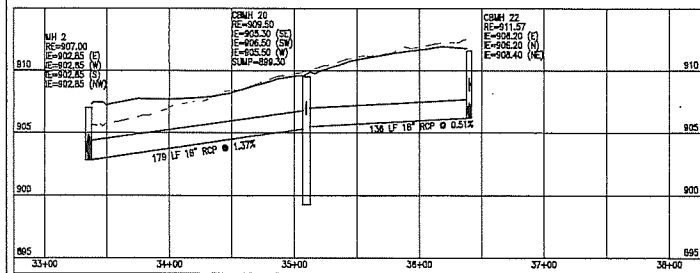
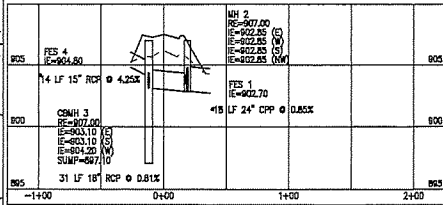
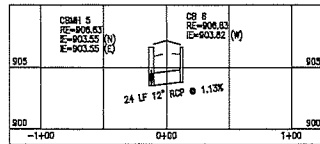
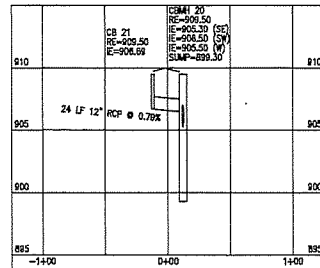
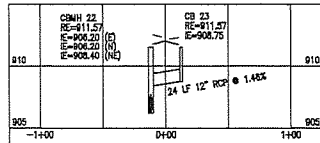
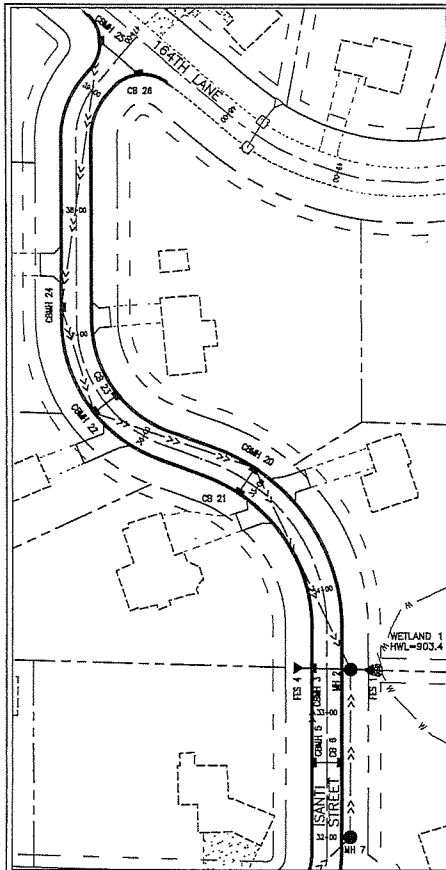
RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street
Ham Lake, MN 55304
Telephone 763-862-8000
Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
MEADOW PARK RECONSTRUCTION
163RD LANE AND ISANTI STREET
STORM DETAILS
163RD LANE

DWG: 2103 STORM 1
DATE: 03/28/24
JOB NUMBER: 2103
SHEET: 16 OF 24
FILE: 36-2-175

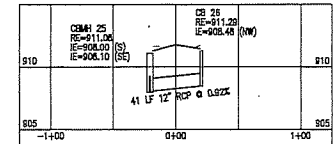
DESIGN BY: LOZ DRAWN BY: LOZ CHECKED BY: DAK



STORM DRAIN

STRUCTURE	STATION	LOCATION	SIZE OF STRUCTURE	DESIGN	TOP OF CASTING OR INLET	INVERT	CASTING ASSEMBLY (NEENAH, EJ, DL)*	TYPE GRATE (ROADWAY CASTINGS)	PIPE				TRASH GUARD EACH	APRON EACH	FLOWS TO	INLET	% GRADE
									12" R.C.P. LIN FT	15" R.C.P. LIN FT	18" R.C.P. LIN FT	24" C.P.P. LIN FT					
CB 26	39+33.9	RT.	2' x 3'	RFC-459B	911.29	908.48	R-3246	C									
									41						CBMH 25	908.10	0.92
CBMH 25	39+34.3	LT.	60" #	RFC-465A1	911.08	908.00	R-3246	C		217					CBMH 24	908.90	0.51
CBMH 24	37+21.8	LT.	48" #	RFC-465A1	912.17	908.80	R-3246	L		88					CBMH 22	908.20	0.60
CB 23	39+40	RT.	2' x 3'	RFC-459B	911.57	908.75	R-3246	L		24					CBMH 22	908.40	1.46
CBMH 22	38+40	LT.	48" #	RFC-465A1	911.57	908.20	R-3246	L			138				CBMH 20	905.50	0.51
CB 21	35+09.8	LT.	2' x 3'	RFC-459B	909.5	906.89	R-3246	L			179				CBMH 20	908.50	0.79
CBMH 20	35+09.8	RT.	72" #	RFC-465A3	909.5	905.30	R-3246	L							MH 2	902.85	1.37
CB 8	32+59.5	LT.	2' x 3'	RFC-459B	908.83	903.82	R-3246	C		24					CBMH 5	903.55	1.13
CBMH 5	32+59.5	LT.	48" #	RFC-465A1	908.83	903.55	R-3246	C			77				CBMH 3	903.10	0.59
FES 4	33+36.8	LT.		FES		904.80											
CBMH 3	33+36.2	LT.	72" #	RFC-465A3	907.00	903.10	R-3246	L			8	8.1	1	1	CBMH 3	904.20	4.25
MH 2	33+35.4	LT.	60" #	RFC-465C	907.00	902.85	R-1733								MH 2	902.85	0.81
FES 1															FES 1	902.70	0.85
TOTAL									113	390	348	14	9.5	2	2		

NOTES:
 1. ALL GRADING OPERATIONS SHALL BE CONDUCTED IN A MANNER TO MINIMIZE THE POTENTIAL FOR SITE EROSION.
 2. ALL DISTURBED AREAS TO BE SEED, MULCHED AND FERTILIZED WITHIN 7 DAYS OF ROUGH GRADING. IF THERE IS A SCHEDULED PAUSE OF WORK THAT WILL LAST 7 DAYS OR LONGER, ALL SOILS AND STOCKPILES ARE REQUIRED TO BE STABILIZED WITHIN THE FIRST 24 HOURS OF INACTIVITY.
 3. SLOPES SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE
 *PIPE LENGTHS IN PROFILE VIEW INCLUDE PIPE AND APRON



UTILITIES: CENTERLINK (763) 712-5017
 CENTERPOINT ENERGY (763) 323-2760
 COMCAST (652) 607-4078
 CONNORIOUS ENERGY (763) 323-4268
 GREAT RIVERS ENERGY (763) 445-5884

DATE: 03/28/24
 REVISION HISTORY:
 I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DAILY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE: 03/28/24 REG. NO. 48788

RFC ENGINEERING, INC.
 Consulting Engineers

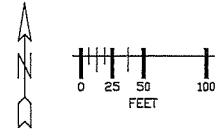
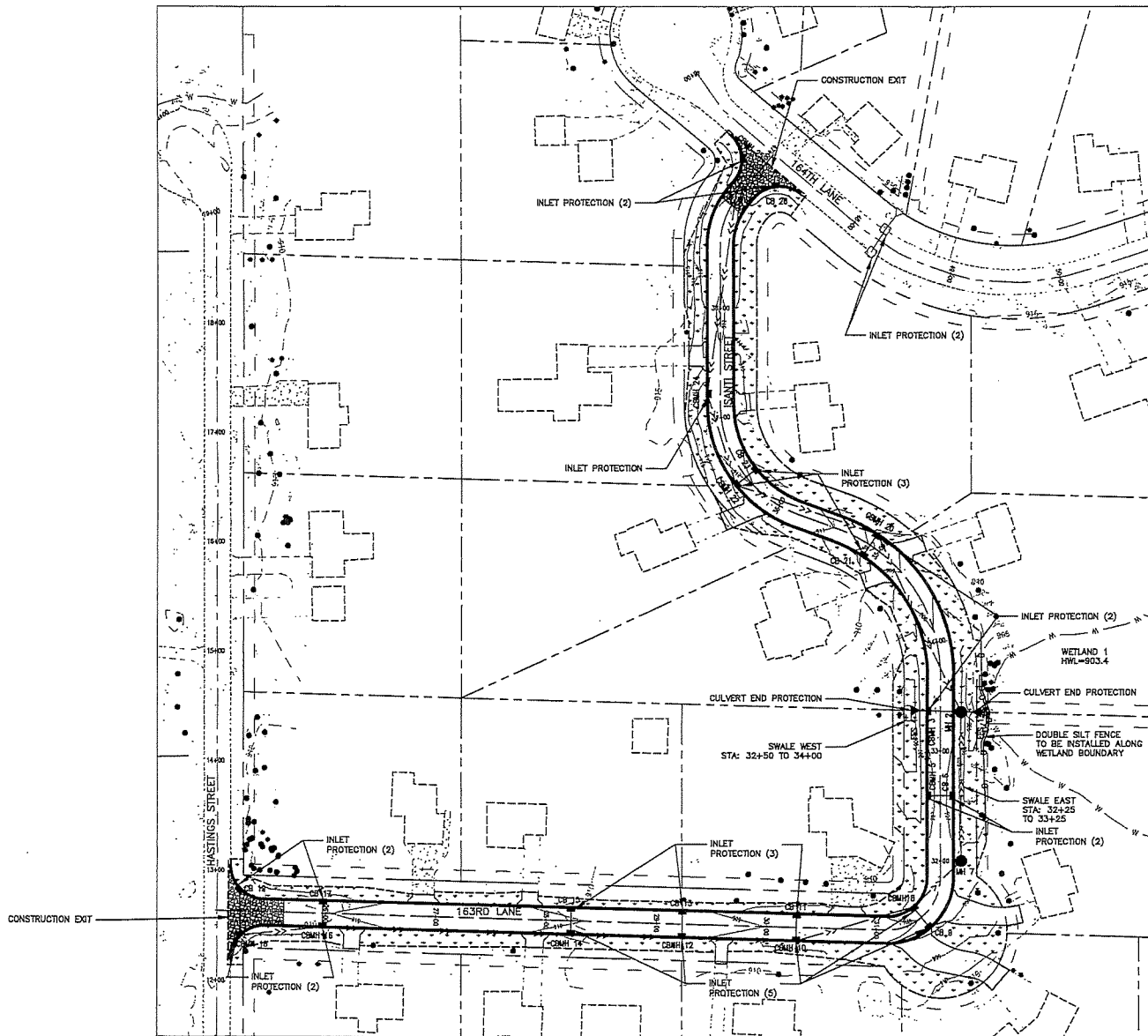
13635 Johnson Street
 Ham Lake, MN 55304
 Telephone 763-862-8000
 Fax 763-862-8042

HAM LAKE IMPROVMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET

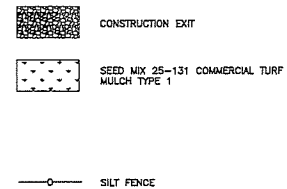
STORM DETAILS
 ISANTI STREET
 CHECKED BY: DAK

DWG: 2103 STORM 2
 DATE: 03/29/24
 JOB NUMBER: 2103
 SHEET: 17 OF 24
 FILE: 36-2-176

DESIGN BY: LDZ DRAWN BY: LDZ



- NOTES:**
1. ALL GRADING OPERATIONS SHALL BE CONDUCTED IN A MANNER TO MINIMIZE THE POTENTIAL FOR SITE EROSION.
 2. ALL EXPOSED SOIL AREAS MUST BE STABILIZED AS SOON AS POSSIBLE TO LIMIT SOIL EROSION, BUT IN NO CASE LONGER THAN 7 DAYS. IF THERE IS A SCHEDULED PAUSE OF WORK THAT WILL LAST 7 DAYS OR LONGER, ALL SOILS AND STOCKPILES ARE REQUIRED TO BE STABILIZED WITHIN THE FIRST 24 HOURS OF INACTIVITY.
 3. SALVAGED TOPSOIL SHALL BE STOCKPILED IN PLACE TO MAINTAIN CONTINUITY OF PROPERTY OWNERS EXISTING TURF CONDITIONS. UPON APPROVAL OF ENGINEER, SOIL MAY BE STOCKPILED UPON REVIEW OF ALTERNATIVE PLAN PROVIDED BY CONTRACTOR.
 4. UNDER NO CONDITIONS SHALL MATERIAL BE STOCKPILED WITHIN WETLAND AREAS.



BOHRA STATE ONE CALL
 800-252-1166 651-454-0002

UTILITIES:	CONTACT:	PHONE:
CENTURYLINK	(763) 712-5617	
CENTERPOINT ENERGY	(763) 323-2769	
COMCAST	(652) 607-4078	
CONNORUS ENERGY	(763) 323-4288	
GREAT RIVERS ENERGY	(763) 446-5884	

DATE	REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Mark A. Anderson
 DATE 03/28/24 REG. NO. 48768

RFC ENGINEERING, INC.
 Consulting Engineers

13635 Johnson Street
 Horn Lake, MN 55304
 Telephone 763-862-8000
 Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET
 STORMWATER POLLUTION PREVENTION PLAN

DWG:	2103 SWPPP 1
DATE:	03/28/24
JOB NUMBER:	2103
SHEET:	18 OF 24
FILE:	36-2-177

DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DMK

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

CONSTRUCTION ACTIVITY INFORMATION:

MEADOW PARK NORTH OF CONSTANCE BOULEVARD ROAD RECONSTRUCTION, HAM LAKE, ANOKA COUNTY, MINNESOTA, 55304, 45.2527° LATITUDE NORTH, 93.2355° LONGITUDE WEST (BY ONLINE TOOL).

TOTAL PROJECT DISTURBED AREA IS 2.12 ACRES.

THIS IS A ROAD CONSTRUCTION PROJECT.

0.02 ACRES OF NEW IMPERVIOUS SURFACE.
0.04 ACRES OF NEW PERVIOUS SURFACE.

DRAINAGE IS TO REGIONAL PONDS AND WETLANDS LOCATED IN THE CENTER AND EAST OF THE PROJECT. THE CENTER POND DRAINS TO THE POND ON THE EASTERN PORTION OF THE DEVELOPMENT. THE EASTERN POND DRAINS INTO SURROUNDING WETLAND TO THE NORTH ALONG COUNTY DITCH 95-4 DITCH.

CONTACT INFORMATION:

OWNER: CITY OF HAM LAKE. OWNER CONTACT: DENISE WEBSTER CITY ADMINISTRATOR, DWB2ESTR@CITY.HAM-LAKE.MN.US, 763-434-9555, 15544 CENTRAL AVENUE, HAM LAKE, MN, 55304

ALTERNATE OWNER CONTACT: DAVID A KRUGLER, CITY ENGINEER, DKRUGL@RFCENGINEERING.COM 763-862-8000, RFC ENGINEERING INC, 13635 JOHNSON STREET NE, HAM LAKE, MN 55304

CONTRACTOR:

ALTERNATE CONTRACTOR CONTACT:
PARTY RESPONSIBLE FOR OPERATION AND MAINTENANCE OF PERMANENT STORMWATER MANAGEMENT SYSTEM: CITY OF HAM LAKE PUBLIC WORKS, JOHN WITKOWSKI, 763-235-1662, 15544 CENTRAL AVENUE, HAM LAKE, MN, 55304

GENERAL CONSTRUCTION PROJECT INFORMATION:

THE PROJECT CONSISTS OF A STREET RECONSTRUCTION OF THE 16300 LANE AND ISANTI STREET IN THE MEADOW PARK DEVELOPMENT NORTH OF CONSTANCE BOULEVARD. WORK INCLUDES GRADING, AGGREGATE BASE, PLANT MIXED BITUMINOUS SURFACE, STORM DRAINS, AND CONCRETE CURB AND GUTTER.

THE SOILS ON THE SITE ARE PRIMARILY HYDROLOGIC SOIL GROUP TYPE B WITH NO INFILTRATION CAPACITY. THERE IS NO MUCK IN THE WETLANDS. THE GROUNDWATER IN THIS AREA IS HIGH.

GENERAL SITE INFORMATION:

ALL EROSION CONTROL MEASURES MUST BE PLACED PRIOR TO COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND BE MAINTAINED UNTIL ALL DISTURBED AREAS ON THE SITE HAVE BEEN RESTORED.

CONSTRUCTION EXITS SHALL BE SURFACED WITH CRUSHED ROCK AND DESIGNATED PRIOR TO CONSTRUCTION (REFER TO DETAIL).

TRENCHES FOR STORM DRAIN PIPE AND STRUCTURES ARE TO BE BACKFILLED BY THE END OF THE WORK DAY.

NO STORMWATER MITIGATION MEASURES ARE REQUIRED AS THE RESULT OF AN ENVIRONMENTAL, ARCHAEOLOGICAL, OR OTHER REQUIRED LOCAL, STATE, OR FEDERAL REVIEW OF THE PROJECT.

THE PROJECT IS NOT LOCATED IN A KARST AREA.

THE PROJECT DOES NOT DISCHARGE TO A CALDAREOUS FEN LISTED IN MINN. R. 7050.0180, SUBP. 8B.

THE SITE DOES NOT DISCHARGE TO A WATER THAT IS LISTED AS IMPAIRED FOR PHOSPHORUS, TURBIDITY, DISSOLVED OXYGEN OR BIOTIC IMPAIRMENT.

THE SITE IS WITHIN 1-MILE OF A WATER THAT IS LISTED AS IMPAIRED. HAM LAKE IS IMPAIRED WITH NON-CONSTRUCTION Hg.

SELECTION OF A PERMANENT STORMWATER MANAGEMENT SYSTEM:

NEW IMPERVIOUS SURFACE CREATED BY THIS PROJECT IS 0.02 ACRES.

PER COON CREEK WATERSHED DISTRICT, ANOKA CONSERVATION DISTRICT, AND MINNESOTA BOARD OF WATER AND SOIL RESOURCES, THERE IS NO INFILTRATION ON SITE DUE TO THE HIGH GROUND WATER TABLE.

HYDROLOGIC REPORT (DRAINAGE CALCULATIONS) AND DRAINAGE MAPS (WITH DRAINAGE DIVIDES) PREPARED FOR THIS PROJECT ARE AVAILABLE IN THE CITY'S ENGINEERS OFFICE. STORM WATER RUNOFF FROM THE SITE DRAINS INTO REGIONAL PONDS AND WETLANDS AND THEN FLOW TO COUNTY DITCH 95-4 WHICH IS NORTH OF THE PROJECT. THE RUNOFF FROM THE SITE WILL BE CONVEYED VIA NEW ON SITE STORM DRAINS. THE LAST STORM DRAIN STRUCTURE JUST PRIOR TO DISCHARGE WILL BE EQUIPPED WITH A SUMP (GRIT CHAMBERS). GRIT CHAMBERS ARE BEING USED DUE TO THE HIGH GROUND WATER TABLE. THE SUMP (GRIT CHAMBERS) ARE SIZED PER COON CREEK WATERSHED DISTRICT REQUIREMENTS.

EROSION PREVENTION PRACTICES:

THERE ARE NO CONSTRUCTION PHASING, VEGETATIVE BUFFER STRIPS, LONG HORIZONTAL SLOPE GRADING FOR THE PROJECT. THERE ARE UNDISTURBED AREAS WITHIN THE PROJECT LIMITS.

ALL DISTURBED AREAS SHALL BE RESTORED WITH SOIL, SEED, WOOD FIBER BLANKET, OR PAVED SURFACE WITHIN SEVEN (7) DAYS OF ROUGH GRADING.

ALL EXPOSED SOIL AREAS MUST HAVE TEMPORARY EROSION PROTECTION OR PERMANENT COVER WITHIN SEVEN (7) DAYS AFTER THE AREA IS NOT ACTIVELY BEING WORKED.

FERTILIZER: MHDOT SPECIFICATION 3881, TYPE 2 SEEDING: MHDOT SEED MIXTURE 25-131.

HYDROMULCH: MHDOT SPECIFICATION 3884 TYPE 1 OR 3 WITH APPLICATION RATE PER MHDOT SPECIFICATION 2575.3H.

PROVIDE EROSION CONTROL FABRIC FOR ALL SLOPES STEEPER THAN 1:3.

THERE ARE NO DRAINAGE DITCHES CONSTRUCTED WITH THIS PROJECT.

SEDIMENT CONTROL PRACTICES:

THERE ARE NO DRAINAGE DITCHES OR SEDIMENT BASINS FOR THIS PROJECT.

THERE ARE NO SLOPES WITH A GRADE OF 1:3 OR STEEPER WITH A SLOPE LENGTH GREATER THAN 75 FEET.

THERE ARE NO DRAINAGE INFILTRATION BASINS FOR THIS PROJECT.

ALL SEDIMENT CONTROL DEVICES ARE TO BE IN PLACE PRIOR TO UPSTREAM LAND DISTURBING ACTIVITIES.

WITHIN 24 HOURS OF CONNECTION TO A SURFACE WATER, PIPE OUTLETS MUST CONTAIN RIPRAP, SEED AND PLACE EROSION CONTROL BLANKETS ON DISTURBED AREAS WITHIN 200 LINEAL FEET OF PIPE OUTLETS INCLUDING THE DOWN SLOPE TO THE PIPE OUTLET. SILT FENCING IS TO BE PLACED AROUND THE DISTURBED AREA AND SILT FENCE ROUTED ACROSS THE TOP OF THE OUTLET.

WITHIN 24 HOURS OF CONNECTION TO A SURFACE WATER, SEED AND PLACE EROSION CONTROL BLANKETS ON DISTURBED AREAS WITHIN 200 FEET OF PIPE INLET INCLUDING THE DOWN SLOPE TO THE PIPE INLET. SILT FENCING IS TO BE PLACED AROUND THE DISTURBED AREA. PLACE A SECOND SILT FENCE ROUTED ACROSS THE TOP OF THE INLET AND PLACE INLET PROTECTION. PIPE INLET PROTECTION SHALL BE PER BMP'S SUCH AS SILT FENCE OR STRAW BALES STAKED AROUND THE APRON OPENING OR OTHER APPROVED EQUIVALENT.

WITHIN 24 HOURS OF CONNECTION TO A SURFACE WATER, SEED AND PLACE EROSION CONTROL BLANKETS ON DISTURBED AREAS WITHIN 200 FEET OF CATCH BASIN INLET. PLACE INLET PROTECTION IMMEDIATELY AFTER STRUCTURE IS BACKFILLED. CATCH BASIN INLET PROTECTION SHALL BE PER BMP'S SUCH AS CLEAR ROCK AROUND STEEL PLATE OVER FABRIC OR OTHER APPROVED EQUIVALENT UNTIL THE CATCH BASIN CASTING IS PLACED. IMMEDIATELY AFTER THE CASTING IS PLACED, PROVIDE CATCH BASIN INLET PROTECTION PER BMP'S SUCH AS FILTER BAG INSERT OR OTHER APPROVED EQUIVALENT. NO CAPTURED SEDIMENT SHOULD BE ALLOWED TO DROP INTO THE CATCH BASIN.

PROVIDE SILT FENCE DOWNSTREAM OF STOCKPILE AREAS. STOCKPILES ARE NOT TO BLOCK DRAINAGE CONVEYANCE SYSTEMS.

SEDIMENT TRACKED OFFSITE SHALL BE MINIMIZED AND SWEEPED ON A DAILY BASIS.

TEMPORARY SEDIMENTATION BASINS ARE NOT BEING USED TO REDUCE WETLAND IMPACTS, DUE TO THE HIGH GROUND WATER TABLE AND THE LACK OF RIGHT OF WAY.

DEWATERING AND BASIN DRAINING:

ALL DEWATERING IS TO DISCHARGE TO SEDIMENT SACKS, ROCK WEEPER, BIO ROLL AREA, ETC. TO PREVENT EROSION AND MINIMIZE SEDIMENT DISCHARGING FROM THE SITE. EXCESSIVE SEDIMENT-LADEN WATER WILL NOT BE PERMITTED TO DISCHARGE FROM THE SITE. DEWATERING PRACTICES ARE NOT TO CAUSE DOWNSTREAM NUISANCE CONDITIONS, EROSION, OR NON-PERMITTED WETLAND INUNDATION CAUSING ADVERSE IMPACTS. DISCHARGE FROM DEWATERING WILL BE TO WETLANDS. LARGE VOLUMES OF DEWATERING WILL REQUIRE DISCHARGE INTO SEDIMENT SACKS PRIOR TO DISCHARGING INTO THE WETLANDS.

ADDITIONAL BMP'S FOR SPECIAL WATERS AND DISCHARGES TO WETLANDS:

THE PROJECT DOES DISCHARGE INTO OR WITHIN 1 MILE OF SPECIAL WATERS.

THERE ARE NO BUFFER ZONES OR UNDISTURBED AREA ZONES.

THE STORM DRAIN SYSTEM WAS SET UP TO DISTRIBUTE THE STORMWATER RUNOFF INTO THE PROJECT PONDS AND WETLANDS AS CLOSE TO EXISTING CONDITIONS AS POSSIBLE. THIS INCLUDED PROVIDING STORM DRAIN ON BOTH SIDES OF THE STREET IN ORDER TO ACHIEVE THIS. THE DRAINAGE IS PENDING APPROVAL BY COON CREEK WATERSHED DISTRICT.

THERE IS NO CONVERSION OF WETLANDS INTO STORMWATER PONDS.

INSPECTION AND MAINTENANCE:

THE CONTRACTOR SHALL PLACE A RAIN GAUGE ON THE PROJECT SITE AT A LOCATION APPROVED BY THE ENGINEER. RAINFALL DATA SHALL BE KEPT WITH THE SWPPP RECORDS.

THE CONTRACTOR MUST INSPECT THE CONSTRUCTION SITE ONCE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24 HOURS AFTER ANY INCREASE IN RAIN OR OTHER DISTURBING EVENTS THAT MAY AFFECT EROSION AND MAINTENANCE TO BE RECORDED IN WRITING. THE SWPPP INSPECTION FOR THE CONSTRUCTION IS TO BE CONDUCTED BY _____ OF _____

INSPECTIONS FORMS ARE AVAILABLE AT: <https://www.rfc-engineering.com/2021/01/01/>

SELECT THE APPROPRIATE INSPECTION FORM FROM THE LIST.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF TEMPORARY AND PERMANENT WATER QUALITY MANAGEMENT DEVICES, AS WELL AS ALL EROSION AND SEDIMENT CONTROL, FOR THE DURATION OF THE PROJECT.

THE CONTRACTOR WILL INVESTIGATE AND MUST COMPLY WITH THE FOLLOWING:

CONTRACTOR MUST INSPECT ALL EROSION PREVENTION AND SEDIMENT CONTROL BMP'S AND POLLUTION PREVENTION MANAGEMENT MEASURES TO ENSURE INTEGRITY AND EFFECTIVENESS. CONTRACTOR MUST REPAIR, REPLACE OR SUPPLEMENT ALL NONFUNCTIONAL BMP'S WITH FUNCTIONAL BMP'S BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY UNLESS ANOTHER TIME FRAME IS SPECIFIED BELOW. CONTRACTOR MAY TAKE ADDITIONAL TIME IF FIELD CONDITIONS PREVENT ACCESS TO THE AREA.

DURING EACH INSPECTION, CONTRACTOR MUST INSPECT SURFACE WATERS, INCLUDING DRAINAGE DITCHES AND CONVEYANCE SYSTEMS BUT NOT CURB AND GUTTER SYSTEMS, FOR EVIDENCE OF EROSION AND SEDIMENT DEPOSITION. CONTRACTOR MUST REMOVE ALL DELTAS AND SEDIMENT DEPOSITED IN SURFACE WATERS, INCLUDING DRAINAGE WAYS, CATCH BASINS, AND OTHER DRAINAGE SYSTEMS AND RESTABILIZE THE AREAS WHERE SEDIMENT REMOVAL RESULTS IN EXPOSED SOIL. CONTRACTOR MUST COMPLETE REMOVAL AND STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS OF DISCOVERY UNLESS PRECLUDED BY LEGAL, REGULATORY, OR PHYSICAL ACCESS CONSTRAINTS. CONTRACTOR MUST USE ALL REASONABLE EFFORTS TO OBTAIN ACCESS. IF PRECLUDED, REMOVAL AND STABILIZATION MUST TAKE PLACE WITHIN SEVEN (7) DAYS OF OBTAINING ACCESS. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL LOCAL, REGIONAL, STATE AND FEDERAL AUTHORITIES AND RECEIVING ANY APPLICABLE PERMITS, PRIOR TO CONDUCTING ANY WORK IN SURFACE WATERS.

CONTRACTOR MUST INSPECT CONSTRUCTION SITE VEHICLE EXIT LOCATIONS, STREETS AND CURB AND GUTTER SYSTEMS WITHIN AND ADJACENT TO THE PROJECT FOR SEDIMENTATION FROM EROSION OR TRACKED SEDIMENT FROM VEHICLES. CONTRACTOR MUST REMOVE SEDIMENT FROM ALL PAVED SURFACES WITHIN ONE (1) CALENDAR DAY OF DISCOVERY OR, IF APPLICABLE, WITH A SHORTER TIME TO AVOID A SAFETY HAZARD TO USERS OF PUBLIC STREETS.

REPAIR, REPLACE OR SUPPLEMENT ALL PERIMETER CONTROL DEVICES WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 OF THE HEIGHT OF THE DEVICE.

CONTRACTOR MUST DRAIN TEMPORARY AND PERMANENT SEDIMENTATION BASINS AND REMOVE THE SEDIMENT WHEN THE DEPTH OF SEDIMENT COLLECTED IN THE BASIN REACHES TWO FEET OR 1/2 THE STORAGE VOLUME, WHICHEVER IS LESS, WITHIN 72-HOURS OF DISCOVERY.

POLLUTION PREVENTION MANAGEMENT MEASURES:

THE CONTRACTOR SHALL IMPLEMENT THE FOLLOWING POLLUTION PREVENTION MANAGEMENT MEASURES ON THE SITE:

SOLID WASTE: COLLECT SEDIMENT, ASPHALT AND CONCRETE MILLINGS, FLOATING DEBRIS, PAPER, PLASTIC, FABRIC, CONSTRUCTION AND DEMOLITION DEBRIS, AND OTHER WASTES MUST BE DISPOSED OF PROPERLY OFFSITE AND MUST COMPLY WITH MPCA DISPOSAL REQUIREMENTS.

HAZARDOUS MATERIALS: OIL, GASOLINE, PAINT AND ANY HAZARDOUS SUBSTANCES MUST BE PROPERLY STORED, INCLUDING SECONDARY CONTAINMENT TO PREVENT SPILLS, LEAKS OR OTHER DISTURBING ACCESS TO STORAGE AREA. WASTE MUST BE PROVIDED TO PREVENT VANDALISM. STORAGE AND DISPOSAL OF HAZARDOUS WASTE MUST BE IN COMPLIANCE WITH MPCA REGULATIONS.

EXTERNAL WASHING OF TRUCKS, INCLUDING CONCRETE DELIVERY TRUCKS, AND OTHER CONSTRUCTION VEHICLES MUST BE LIMITED TO A DEFINED AREA OF THE SITE. RUNOFF MUST BE CONTAINED AND WASTE PROPERLY DISPOSED OF. NO ENGINE DEGRASSING IS ALLOWED ON SITE. CONCRETE WASHOUT ON SITE MUST BE CONTAINED IN A LEAK-PROOF CONTAINMENT FACILITY OR IMPERMEABLE LINER.

THE CITY IS RESPONSIBLE FOR LONG TERM MAINTENANCE OF THE STORM DRAIN INCLUDING THE SLUMPS (GRIT CHAMBERS). THE GRIT CHAMBERS ARE TO BE INSPECTED YEARLY AND CLEANED OUT AS NECESSARY TO MAINTAIN FUNCTION.

THE CONTRACTOR IS RESPONSIBLE FOR MONITORING AIR POLLUTION AND ENSURING IT DOES NOT EXCEED LEVELS SET BY LOCAL, STATE, OR FEDERAL REGULATIONS. THIS INCLUDES DUST CREATED BY WORK BEING PERFORMED ON THE SITE. AIR POLLUTION AND DUST CONTROL CORRECTION ARE CONSIDERED INCIDENTAL TO THE UNIT BID PRICES FOR WHICH WORK IS BEING PERFORMED. ADDITIONAL DUST CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.

NO SANITARY AND SEPTIC WASTE IS ON THE SITE.

FINAL STABILIZATION:

THE CONTRACTOR MUST ENSURE FINAL STABILIZATION OF THE SITE. FINAL STABILIZATION IS ACHIEVED WHEN ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND ALL SOILS ARE STABILIZED BY A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70 PERCENT OF THE PERVIOUS SURFACE AREA, OR OTHER EQUIVALENT MEANS NECESSARY TO PREVENT SOIL FAILURE UNDER ERODIVE CONDITIONS.

ALL TEMPORARY EROSION PROTECTION, INCLUDING SILT FENCE, ARE TO BE REMOVED AFTER FINAL STABILIZATION OF THE SITE. RECORDS RETENTION:
ALL REQUIREMENTS OF THE NPDES PERMIT AND THIS SWPPP SHALL REMAIN IN EFFECT UNTIL ALL LAND DISTURBING ACTIVITY HAS BEEN COMPLETED, ALL FINAL RESTORATION HAS BEEN COMPLETED AND THE NOTICE OF TERMINATION FORM HAS BEEN SUBMITTED TO THE MINNESOTA POLLUTION CONTROL AGENCY (MPCA).

REFER TO OTHER SHEETS OF THIS PLAN SET FOR DETAILED CONSTRUCTION INFORMATION. EXISTING AND PROPOSED GRADES FOR THE ROADWAY ARE SHOWN ON THE PLAN AND PROFILE SHEETS AND ON THE CROSS SECTION SHEETS.

THE CONTRACTOR SHALL MAINTAIN A COPY OF THE PLANS ONSITE AT ALL TIMES UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY. THE CONTRACTOR SHALL UPDATE THE SWPPP AS NECESSARY TO REFLECT CURRENT CONDITIONS ON THE SITE. CONTRACTOR IS TO PROVIDE THE ENGINEER A COPY OF THE REVISED SWPPP. THE REVISED SWPPP IS TO BE MAINTAINED WITH THE CONSTRUCTION SET OF PLANS.

THE CONSTRUCTION PLANS, INCLUDING THE SWPPP, AND THE SWPPP INSPECTION REPORTS ARE TO BE AVAILABLE TO THE ENGINEER AND TO THE MPCA AND COON CREEK WATERSHED DISTRICT INSPECTORS AT ALL TIMES.

THE CONTRACTOR IS TO PROVIDE THE ENGINEER A COPY OF THE SWPPP INSPECTION REPORTS WITHIN SEVEN (7) DAYS AFTER THE INSPECTION.

THE CONTRACTOR IS TO PROVIDE THE ENGINEER A COPY OF THE REVISED SWPPP WITHIN SEVEN (7) DAYS AFTER THE CONTRACTOR REVISES THE SWPPP.

ALL SWPPP INSPECTIONS AND ALL BMP'S SHALL BE PLACED UNDER THE SUPERVISION OF A CONSTRUCTION INSTALLER CERTIFIED BY THE MPCA. THE CONSTRUCTION SITE SHALL BE MANAGED AND MAINTAINED BY A MPCA CERTIFIED CONSTRUCTION SITE MANAGER.

THE CONTRACTOR SHALL PROVIDE THE CITY WITH A COPY OF CONSTRUCTION INSTALLER CERTIFICATION AND CONSTRUCTION SITE MANAGER CERTIFICATION. A COPY OF THE CERTIFICATIONS, INCLUDING SWPPP DESIGNER, SHALL BE KEPT WITH THE SWPPP.

THE SWPPP, THE SWPPP INSPECTIONS REPORTS AND MAINTENANCE RECORDS SHALL BE KEPT FOR 3 YEARS.

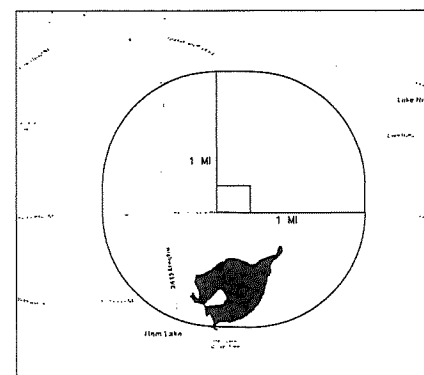
DRAINAGE CALCULATIONS AND DRAINAGE MAPS WILL BE KEPT BY THE CITY FOR AT LEAST 3 YEARS.

SEQUENCE OF EROSION CONTROL

1. OBTAIN ALL NECESSARY PERMITS, INCLUDING NPDES GENERAL STORMWATER PERMIT.
2. CLEAR AND GRUB SITE.
3. PLACE ALL PERIMETER SEDIMENT CONTROL DEVICES AND ROCK CONSTRUCTION EXITS.
4. CONTACT CITY ENGINEER FOR APPROVAL OF SEDIMENT CONTROL DEVICES.
5. ROUGH IN GRADE.
6. PLACE TEMPORARY EROSION CONTROL DEVICES AS NECESSARY.
7. PLACE STORM DRAIN SYSTEM.
8. RE-ADJUST TEMPORARY EROSION CONTROL DEVICES AS NECESSARY. PLACE STORM DRAIN INLET PROTECTION AND OUTLET PROTECTION DEVICES AS NECESSARY.
9. PLACE SITE PAVEMENT.
10. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, OBTAIN APPROVAL OF CITY ENGINEER.
11. CONTRACTOR TO REMOVE ALL TEMPORARY EROSION CONTROL DEVICES AFTER ACCEPTANCE BY THE CITY.

TABULATION SUMMARY

ITEM	UNIT	TOTAL
SILT FENCE	LF.	258
FES/PPE OUTLET PROTECTION	EACH	2
CATCH BASIN INLET PROTECTION	EACH	24
CLASS II RIPRAP W/ FABRIC	C.Y.	9.5
GEOTEXTILE FILTER FABRIC	S.Y.	34.2
HYDROMULCH TYPE 8	ACRE	1.1
TURF ESTABLISHMENT SEED MAX 35-131	ACRE	1.1



UTILITIES	CONTACT	PHONE
CENTURYLINK	(763) 712-5017	
COMCAST	(763) 323-2760	
CONQUEST ENERGY	(952) 607-4078	
CONQUEST ENERGY	(763) 323-4268	
GREAT RIVERS ENERGY	(763) 445-5984	

DATE	REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
David Krugler
DATE 03/28/24 REC. NO. 48768

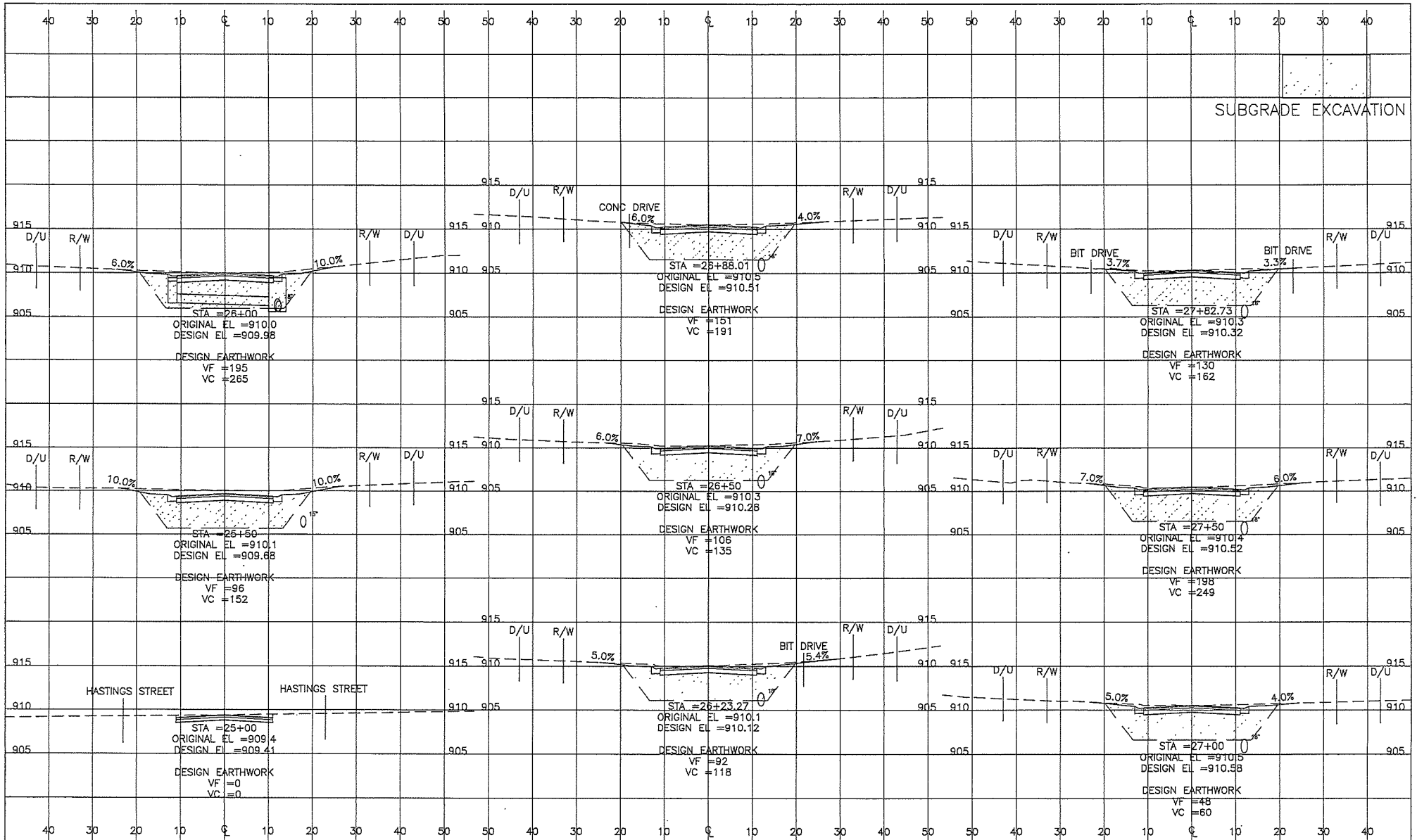
RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street
Ham Lake, MN 55304
Telephone 763-862-8000
Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
MEADOW PARK RECONSTRUCTION
163RD LANE AND ISANTI STREET
STORMWATER POLLUTION PREVENTION PLAN

DWG: 2103 SWPPP 2
DATE: 03/28/24
JOB NUMBER: 2103
SHEET: 19 OF 24
FILE: 36-2-17B

DESIGN BY: LZW DRAWN BY: LZW CHECKED BY: DAK



GOPHER STATE ONE CALL
 800-252-1166 651-454-0002
 PLST DATE 2/29/24 10:00

UTILITIES:

CENTURYLINK	(763) 212-5217
CENTERPOINT ENERGY	(763) 323-2780
COMCAST	(652) 697-4078
CONHOUSS ENERGY	(763) 323-4288
GREAT RIVERS ENERGY	(763) 445-5984

DATE	REVISION HISTORY

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

Nate Krueger
 DATE 03/28/24 REG. NO. 48268

RFC ENGINEERING, INC.
 Consulting Engineers

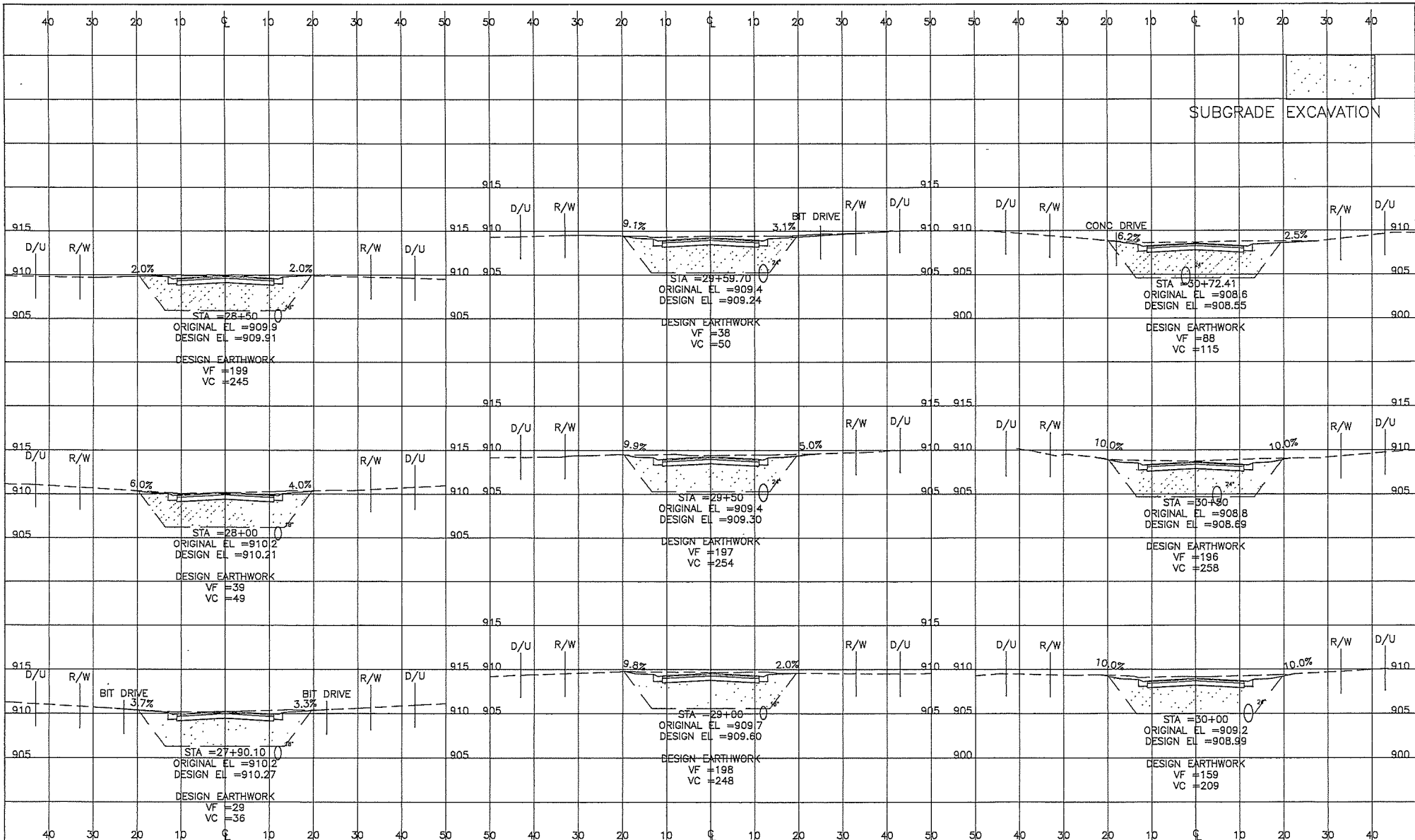
13635 Johnson Street
 Ham Lake, MN 55304
 Telephone 763-862-8000
 Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET

CROSS SECTIONS
 163RD LANE

DWG:	RC001032
DATE:	03/28/24
JOB NUMBER:	2103
SHEET:	20 OF 24
FILE:	36-2-179

DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DAK



SUBGRADE EXCAVATION

SOPEKA STATE ONE CALL
 800-252-1166 651-454-0002
 PLOT DATE: 2/28/24 10:35

UTILITIES:
 CENTURYLINK (763) 712-5277
 CENTERPOINT ENERGY (763) 323-2760
 COMCAST (952) 667-4078
 CONNORCUS ENERGY (763) 323-4268
 GREAT RIVERS ENERGY (763) 445-3954

DATE	REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Mark Krueger
 DATE 03/28/24 REG. NO. 48768

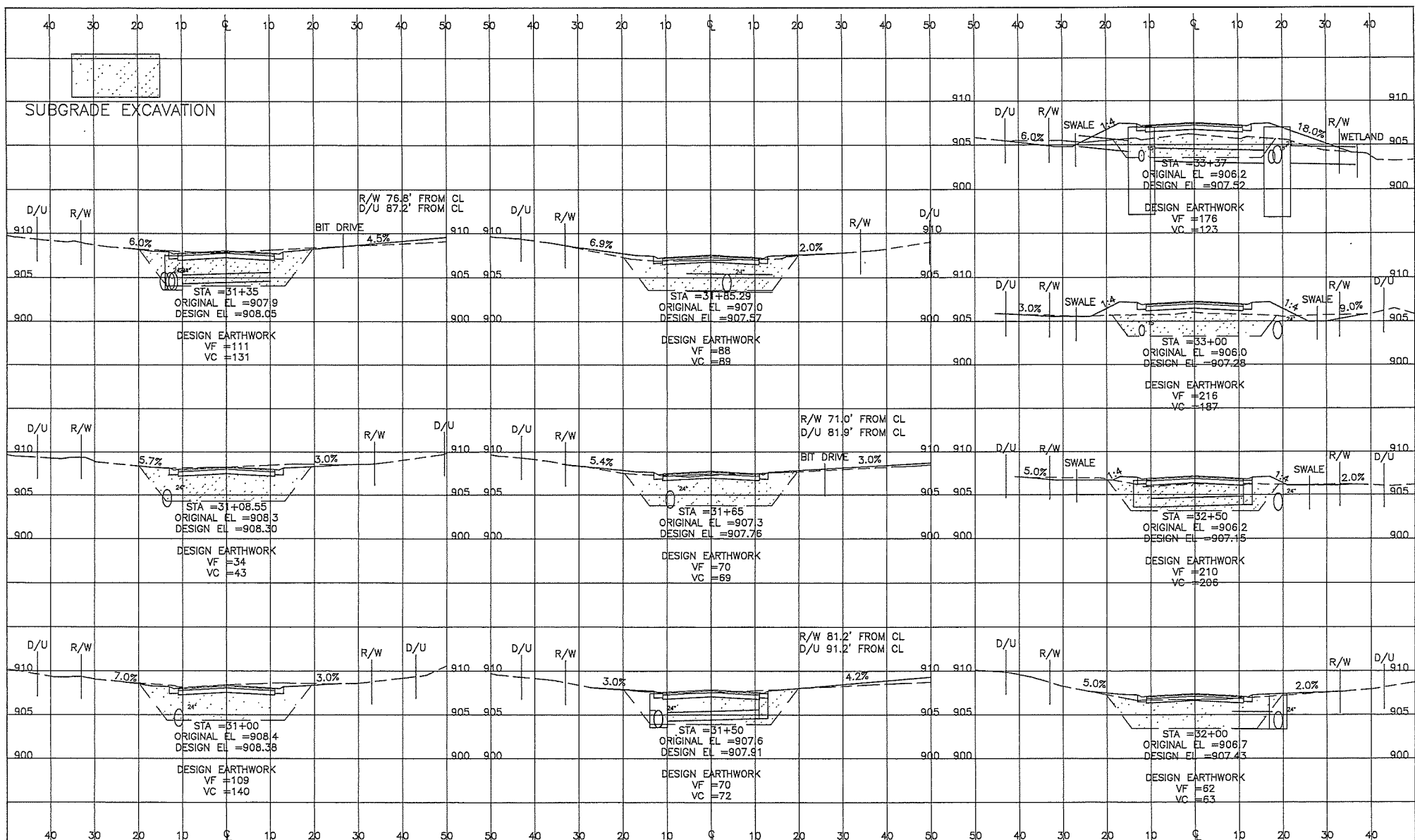
RFC ENGINEERING, INC.
 Consulting Engineers

13635 Johnson Street
 Horn Lake, MN 55304
 Telephone 763-862-8000
 Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET
 CROSS SECTIONS
 163RD LANE/ISANTI STREET

DWG: RCO2032
 DATE: 03/28/24
 JOB NUMBER: 2103
 SHEET: 21 OF 24
 FILE: 36-2-180

DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DAK



**GOPHER STATE
ONK CALL**
800-252-1166 651-454-0002
PLOT DATE: 03/28/24 10:52

UTILITIES:
CENTURYLINK (763) 712-5017
CENTERPOINT ENERGY (763) 323-2760
COWCAST (952) 607-4078
CONDENSUS ENERGY (763) 323-4268
GREAT RIVERS ENERGY (763) 445-5984

DATE	REVISION HISTORY

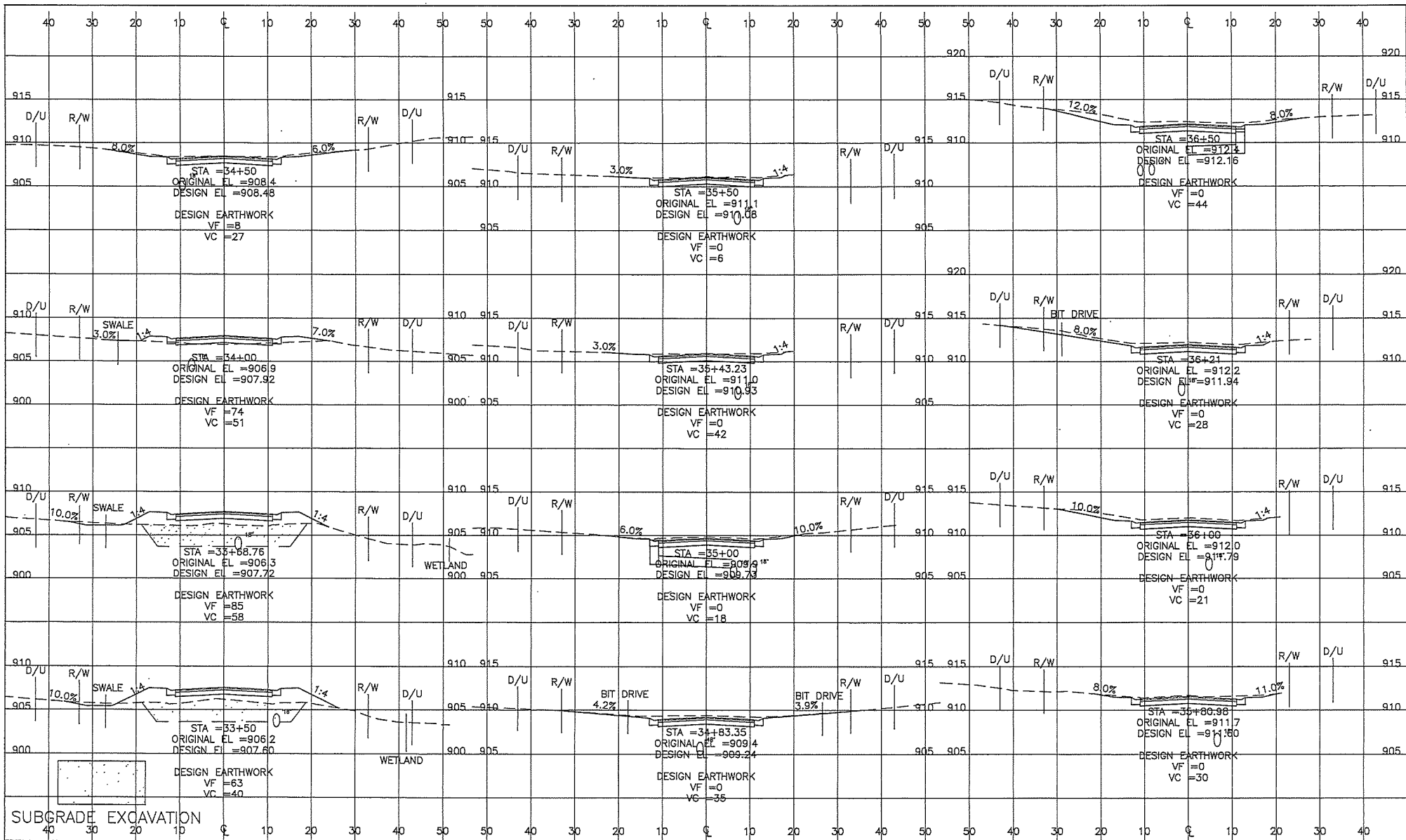
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A FULLY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
Nash Krueger
DATE 03/28/24 REG. NO. 48768

RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street
Horn Lake, MN 55304
Telephone 763-862-8000
Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
MEADOW PARK RECONSTRUCTION
163RD LANE AND ISANTI STREET
CROSS SECTIONS
ISANTI STREET
DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DAK

DWG: RCD03032
DATE: 03/28/24
JOB NUMBER: 2103
SHEET: 22 OF 24
FILE: 36-2-181



SUBGRADE EXCAVATION

UTILITIES: CENTURYLINK (763) 712-5017
 CENTERPOINT ENERGY (763) 323-2760
 COMCAST (652) 607-4078
 CONNEXUS ENERGY (763) 323-4268
 GREAT RIVERS ENERGY (763) 445-3984

DATE: 03/28/24

REVISION HISTORY:

NO.	DATE	DESCRIPTION
1	03/28/24	ISSUED FOR PERMIT

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

Mark Krueger
 DATE: 03/28/24 REC. NO. 48258

RFC ENGINEERING, INC.
 Consulting Engineers

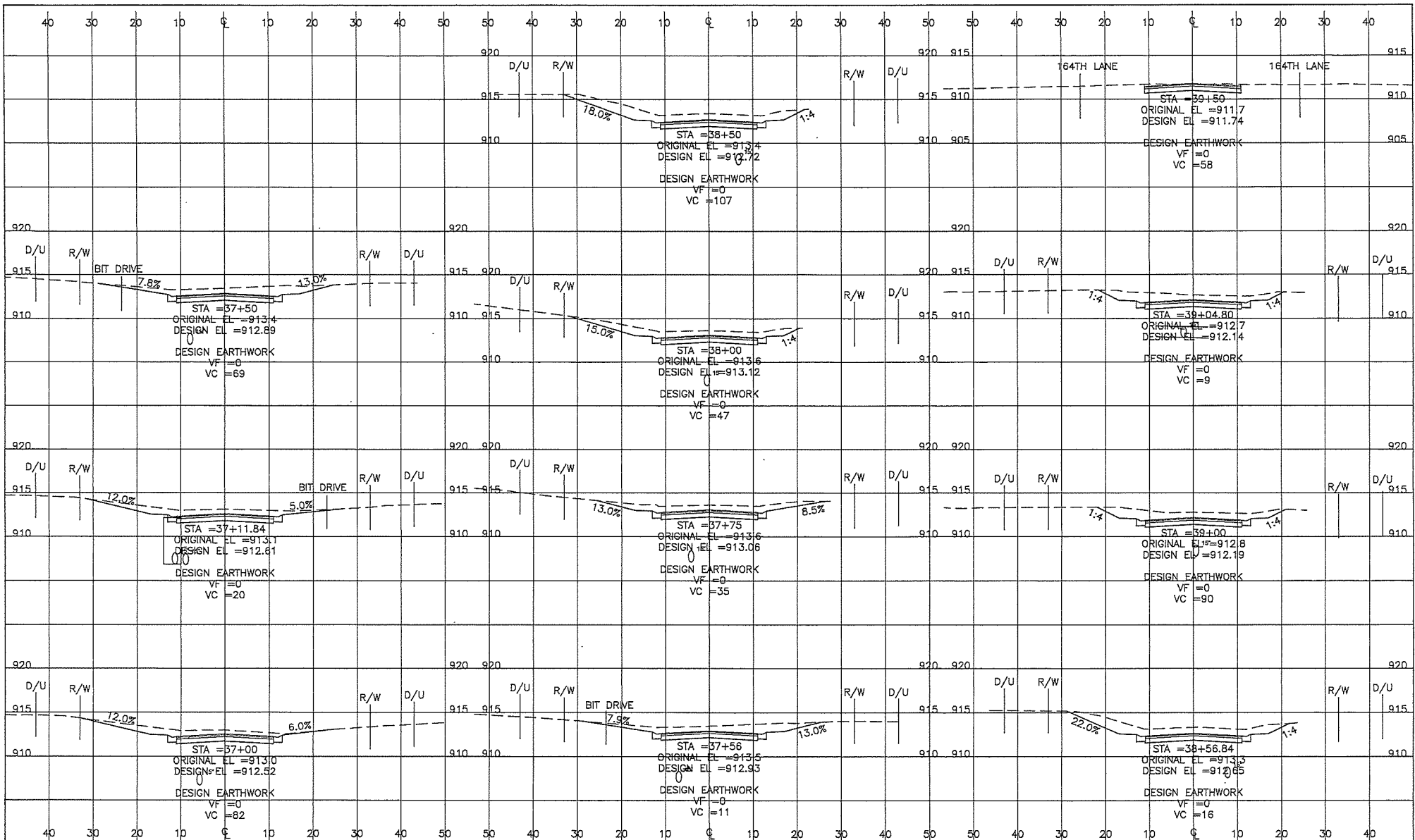
13635 Johnson Street
 Ham Lake, MN 55304
 Telephone 763-862-8000
 Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET

CROSS SECTIONS
 ISANTI STREET

DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: DAK

DWG: RCD04032
 DATE: 03/28/24
 JOB NUMBER: 2103
 SHEET: 23 OF 24
 FILE: 36-2-182



80PKB STAYK ORK CALL
 800-252-1166 651-454-0002
 PLOT DATE: 03/28/24 10:18

UTILITIES: CENTURYLINK (763) 712-5017
 CENTERPOINT ENERGY (763) 323-2760
 COMCAST (652) 607-4078
 CONXUS ENERGY (763) 323-4268
 GREAT RIVERS ENERGY (763) 445-5964

DATE	REVISION HISTORY

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
[Signature]
 DATE: 03/28/24 REG. NO. 48758

RFC ENGINEERING, INC.
 Consulting Engineers

13635 Johnson Street
 Ham Lake, MN 55304
 Telephone 763-862-8000
 Fax 763-862-8042

HAM LAKE IMPROVEMENT PROJECT 2103
 MEADOW PARK RECONSTRUCTION
 163RD LANE AND ISANTI STREET

DWG: RCD06032
 DATE: 03/28/24
 JOB NUMBER: 2103
 SHEET: 24 OF 24
 FILE: 36-2-183

DESIGN BY: LDZ DRAWN BY: LDZ CHECKED BY: OAK

Memorandum

Date: March 27, 2024
To: Mayor and Councilmembers
From: Tom Collins, City Engineer *TPC*
Subject: 2024 Street Maintenance Program bids

Introduction:

The City of Ham Lake has entered into a Joint Powers Agreement with thirteen other local cities to form the North Metro Regional Street Materials Regional Group. The group of cities has a Joint Powers Agreement to combine certain bid items to reduce the number of contracts needed and hopefully achieve lower bids from contractors.

Discussion:

The results of the March 15th bid opening for the 2024 street maintenance are attached. The bid results and recommendation has been discussed with Superintendent John Witkowski.

Allied Blacktop is the low bidder for FA-1 1/8" seal coat aggregate and CRS-2P seal coat oil, with a bid of \$1.54 per square yard and \$2.25 per gallon respectively. The bid amounts to \$20,629.84 for the 13,396 square yards of seal coat aggregate and \$8,138.25 for the 3,617 gallons of polymer seal coat oil for a total of \$28,768.09. The total seal cost low bid is 2.75% over the estimated cost of \$27,997.80.

Sir Lines-A-Lot is the low bidder for latex paint markings, parking lot markings and symbols, with bids of \$37.50, \$160.00 and \$180.00 per gallon respectively. The 1,200 gallons is enough paint to re-stripe the existing striped MSA streets centerline, turn lanes and fog lines, the 14 gallons is enough to stripe the City Hall, Fire Station #1, Senior Center and Tennis Court parking lots and the 20 gallons is enough paint for stop lines, single arrows, double arrows and crosswalks. The bid amounts to \$50,840.00, which is 20.1% over the estimated cost of \$42,340.

Allied Blacktop Company is the low bidder for crack sealing, with a "route and seal" bid of \$0.55 per lineal foot. For the 51,615 lineal foot quantity, the bid amounts to \$28,388.25. The crack sealing low bid is 12.7% under the estimated cost of \$32,517.58

The total of the three low bids is \$107,996.34. This is 5.00% over the total estimated cost of \$102,855.38.

Recommendation:

It is recommended that the City concur by motion to award to the low bidders for seal coating, striping/symbols and crack sealing to Allied Blacktop Company, Sir Lines-A-Lot and Allied Blacktop Company respectively.

2024 Street Maintenance Program (#8970743)													
Owner: Coon Rapids MN, City of													
Solicitor: Coon Rapids MN, City of													
03/15/2024 10:00 AM CDT													
Line Item	Item Description	UofM	Quantity	Sir Lines-A-Lot		Fahrner Asphalt Sealers, LLC		Allied Blacktop Company		Asphalt Surface Technologies Corp.		Northwest Asphalt & Maintenance	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
BID SCHEDULE NO. 1 - SEAL COATING													
1	Dresser Trap Rock (Base Bid) - Furnish and Install FA-2 Aggregate	SY	127					\$2.50	\$317.50	\$1.50	\$190.50		
2	Dresser Trap Rock (Base Bid) - Furnish and Install FA-1 1/8?	SY	88766					\$1.54	\$136,699.64	\$1.50	\$133,149.00		
3	Furnish and Install CRS-2 Seal Coat Oil	GAL	16800					\$2.20	\$36,960.00	\$3.00	\$50,400.00		
4	Furnish and Install CRS-2P (Polymer Mod)	GAL	10229					\$2.25	\$23,015.25	\$3.30	\$33,755.70		
Total:									\$0.00	\$0.00	\$196,992.39	\$217,495.20	\$0.00
BID SCHEDULE NO. 1A - SEAL COAT ALTERNATE													
5	Granite Alternate - Furnish and Install FA-2 Aggregate	SY	127					\$2.40	\$304.80	\$1.50	\$190.50		
6	Granite Alternate - Furnish and Install FA-1 (Modified 1/8?)	SY	88766					\$1.54	\$136,699.64	\$1.50	\$133,149.00		
7	Furnish and Install CRS-2 Seal Coat Oil	GAL	16800					\$2.20	\$36,960.00	\$3.00	\$50,400.00		
8	Furnish and Install CRS-2P (Polymer Mod)	GAL	10229					\$2.25	\$23,015.25	\$3.30	\$33,755.70		
Total:									\$0.00	\$0.00	\$196,979.69	\$217,495.50	\$0.00
BID SCHEDULE NO. 2 - PAVEMENT MARKINGS													
9	Furnish and Install Street Markings	GAL	4002	\$37.50	\$150,075.00					\$0.00	\$0.00		
10	Furnish and Install Parking Lot Markings	GAL	56	\$160.00	\$8,960.00					\$0.00	\$0.00		
11	Furnish and Install Symbol Markings	GAL	721	\$180.00	\$129,780.00					\$0.00	\$0.00		
Total:					\$288,815.00		\$0.00		\$0.00		\$0.00		\$0.00
BID SCHEDULE NO. 3 - CRACK SEALING													
12	Furnish and Install Street Rout & Seal Crack Sealing	LF	383600			\$1.45	\$556,220.00	\$0.55	\$210,980.00	\$1.55	\$594,580.00	\$0.58	\$222,488.00
13	Furnish and Install Street Blow & Go Crack Sealing	LF	565817			\$1.39	\$786,485.63	\$0.50	\$282,908.50	\$1.45	\$820,434.65	\$0.58	\$328,173.86
14	Furnish and Install Trail Rout & Seal Crack Sealing	LF	0.00E+00			\$1.45	\$0.00	\$0.00	\$0.00	\$3.50	\$0.00	\$0.58	\$0.00
15	Furnish and Install Trail Blow & Go Crack Sealing	LF	8600			\$1.39	\$11,954.00	\$0.55	\$4,730.00	\$2.50	\$21,500.00	\$0.58	\$4,988.00
Total:						\$0.00	\$1,354,659.63	\$498,618.50		\$1,436,514.65		\$555,649.86	
BID SCHEDULE NO. 4 - FOG SEALING - STREETS													
16	Furnish & Install Street Fog Sealing	GAL	11134					\$9.79	\$109,001.86	\$8.00	\$89,072.00		
Total:						\$0.00	\$0.00		\$109,001.86		\$89,072.00		\$0.00
BID SCHEDULE NO. 5 - FOG SEALING - TRAILS & PARKING LOTS													
17	Furnish & Install Trail Fog Sealing	GAL	13297					\$4.90	\$65,155.30	\$9.00	\$119,673.00		
18	Furnish & Install Parking Lot Fog Sealing	GAL	5887					\$4.85	\$28,551.95	\$9.00	\$52,983.00		
Total:						\$0.00	\$0.00		\$93,707.25		\$172,656.00		\$0.00

Meeting Date: April 1, 2024

CITY OF HAM LAKE
STAFF REPORT

To: Mayor and Councilmembers

From: Mike Raczkowski, Fire Chief, on behalf of the Fire Department Liaisons

Item/Title/Subject: Wildland Vehicle

Introduction/Discussion:

The Fire Department Liaisons Mayor Kirkham and Councilmember Parranto and myself have been discussing the addition/replacement of a wildland vehicle for the Fire Department. The vehicle being proposed, which would be acquired through the DNR Rural Fire Department assistance program, is a 2013 GMC 1 Ton Pickup for the purchase price of \$14,400. An additional \$4,600 for graphics, hand tools, and minor maintenance items will be needed. The funds to cover the cost of this vehicle and additions will come from the Fire Department Capital Improvement Fund. This fund's potential shortage will increase in 2025, but will correct itself in 2026. This vehicle will have a life span of 15-20 years, giving the city needed coverage on the east side while saving the city \$40,000.

We will need to also purchase a wildland skid for approximately \$14,000 to complete this truck. This skid is removable and can be moved between trucks if needed. It has a life span of 30 years. The funds for this will come from the Fire Department's General Fund Capital asset line.

Recommendation:

Authorize the purchase of a 2013 GMC 1-ton Pickup from the DNR for \$14,400 and additional equipment for \$4,600 from Fund 420-Fire Department Capital Improvement Fund. Authorize purchasing Wildland skid for \$14,000 from General Fund Capital Equipment Assets.



325 SPRING LAKE DRIVE
ITASCA, IL 60143-2072

PHONE (800) 323-0244
FAX (630) 735-3560

FAST ATTACK QUOTE

QUOTE DATE
QUOTE VALIDITY
CUSTOMER ACCOUNT
PO#

BILL TO

SHIP TO

PAYMENT	FOB POINT	SALES MANAGER
NET 15 Subject to Credit Approval	ORIGIN	JIM DARLEY
		jimdarley@darley.com

LINE ITEM	PART NUMBER	PART DESCRIPTION	QTY	UNIT PRICE	EXTENDED	TOTAL
		FAST ATTACK 1 - Davey 13HP Pump - Honda: Electric Start * self priming * 200 gallon poly water tank * pressure gauge * 1.5" welded Stainless Steel auxiliary suction with a 2.5" adapter * 1.5" tank to pump * All welded Stainless Steel manifold painted red, including 1" tank fill - 1" pump to booster reel - 1.5" NST discharge * chrome caps * electric booster reel with 100' of 1" booster hose * Guzzler hand primer		\$11,650.00	\$11,650.00	
		FA 1 - PUMP UPGRADES				
AK314		AK 314 6.5 HP Twin Impeller Honda with electric start.		\$ (850.00)	\$ (850.00)	
AK 301		10 HP Davey - 2 Stage - Briggs		\$ (405.00)	\$ (405.00)	
AK 313		AK 313 - 10 HP DAVEY - Twin Impeller - Yanmar diesel - Electric start		\$2,950.00	\$2,950.00	
		FA2 - OPTION 1				
		FAST ATTACK 2 Option 1 - Darley 1.5AGE (high pressure / gear driven) 21 HP Honda gas engine; Electric Start * exhaust primer * 200 gallon poly water tank * illuminated pressure gauge, 2" welded Stainless Steel auxiliary suction with a 2.5" adapter * 2" tank to pump * All welded Stainless Steel manifold painted blue, including 1" tank fill - 1" pump to booster reel - 1.5" NST discharge * chrome caps * electric booster reel with 100' of 1" booster hose		\$15,935.00	\$15,935.00	
		FA2 - OPTION 1 PUMP UPGRADES				
		1.5AGE24 Kubota		\$13,405.00	\$13,405.00	
		AP 01707 - 12 volt Fluidless primer with Digitrol Interface		\$2,550.00	\$2,550.00	

LINE ITEM	PART NUMBER	PART DESCRIPTION	QTY	UNIT PRICE	EXTENDED	TOTAL
	Credit	18HP Briggs Vanguard in lieu of 21HP Honda		-\$750.00	-\$750.00	
		FA 2- OPTION 2				
		FAST ATTACK 2 Option 2 - Darley 2BE (multi-purpose/ direct drive) 21 HP Honda gas engine: Electric start * exhaust primer * 200 gallon poly water tank * illuminated pressure gauge, 2.5" welded Stainless Steel auxiliary suction with a 2.5" adapter * 2.5" tank to pump * All welded Stainless Steel manifold painted blue, including 1" tank fill - 1" pump to booster reel - 1.5" NST discharge * chrome caps * electric booster reel with 100' of 1" booster hose		\$15,935.00	\$15,935.00	
		FA2 - OPTION 2 PUMP UPGRADES				
		2 BE 24 Kubota		\$12,420.00	\$12,420.00	
		AP 01707 - 12 volt Fluidless primer with Digitrol Interface		\$2,550.00	\$2,550.00	
	Credit	18HP Briggs Vanguard in lieu of 21HP Honda		-\$750.00	-\$750.00	
		Tank Upgrades:				
		150 Gallon tank - 48"W x 96"L with a 34" platform		\$0.00	\$0.00	
		250 Gallon tank - 48"W x 96"L with a 34" platform		\$530.00	\$530.00	
		300 Gallon tank - 48"W x 96"L with a 34" platform		\$830.00	\$830.00	
		400 Gallon tank - 48"W x 96"L with a 34" platform		\$1,975.00	\$1,975.00	
		Foam-Cell, Built-In Foam Tank (10 Gallon)		\$650.00	\$650.00	
		AR317 - FRC tank level gauge - Water		\$700.00	\$700.00	
		TMP WLA 260-A00 - FRC tank level gauge - Foam		\$700.00	\$700.00	
		Set of 5" x 16" risers upgrade		\$785.00	\$785.00	
		Set of 8" x 16" risers upgrade		\$1,230.00	\$1,230.00	
		BOOSTER REEL UPGRADES				
		Roller & Spool Assembly / Hose Guide		\$335.00	\$335.00	
		Upgrade to a large steel Booster Reel, Electric, 150' Capacity		\$775.00	\$775.00	
		Upgrade to a large aluminum Booster Reel, Electric, 200' Capacity		\$1,175.00	\$1,175.00	
		Additional Low Profile Booster reel with 100' of 1" booster hose		\$1,545.00	\$1,545.00	
		Additional Large Steel Booster reel only		\$1,480.00	\$1,480.00	
		Additional Large Aluminum Booster reel only		\$1,975.00	\$1,975.00	
		BG 28150 - Additional Booster Hose 50' x 1" Red		\$460.00	\$460.00	
		BG 281100 - Additional Booster Hose 100' x 1" - Red		\$660.00	\$660.00	

LINE ITEM	PART NUMBER	PART DESCRIPTION	QTY	UNIT PRICE	EXTENDED	TOTAL
		10' x 1" Whipline - NET PRICING		\$200.00	\$200.00	
		BL 38501 - Additional Lightweight Booster Hose 50' x 1" - Red		\$490.00	\$490.00	
		BL 38502 - Additional Lightweight Booster Hose 100' x 1" - Red		\$600.00	\$600.00	
		Credit for booster reel and hose - (Plumbing remains)		-\$900.00	-\$900.00	
Foam Equipment						
		Foam, Inductor/Mixer, Darley Foam Flurry "Around the Pump" Foam Proportioner (suction side)		\$945.00	\$945.00	
		Foam, Proportioning System, Darley Fast Foam (discharge side / available on FA 2 units only)		\$4,980.00	\$4,980.00	
Nozzles:						
		1"Pistol Grip shut off only (part # AM 073) / NH threads		\$210.00	\$210.00	
		1" aerating foam nozzle 15 GPM - (part # H00014) / NH threads		\$150.00	\$150.00	
		1" dual flow nozzle - 10 and 30 GPM (part # BB 097) / NH thread		\$165.00	\$165.00	
Miscellaneous:						
		Hose Tray to Fit 200' of 1.5" Hose with Mattydale Swivel		\$825.00	\$825.00	
		Additional 1" NST discharge		\$155.00	\$155.00	
		Additional 1.5" NST Discharge w/ Cap		\$240.00	\$240.00	
		Additional 2.5" NST Discharge w/ Cap (2.5" Valve / available on FA 2 option 2 units only)		\$335.00	\$335.00	
		LED Work Light		\$170.00	\$170.00	
Notes:						

Special Terms:

1. Sales tax where applicable is not included in quote.
2. Customer P.O. constitutes acceptance of these terms.
3. Quote expires in 60 days hereIn.
4. All freight is FOB Chippewa Falls, WI 54729, unless otherwise noted.
5. Crating charges need to be determined for final pricing.

SUBTOTAL	
SALES TAX	
FREIGHT	
TOTAL	

FOR MORE INFORMATION, PLEASE VISIT: DARLEY.COM

**CITY OF HAM LAKE
ROAD COMMITTEE NOTES
MARCH 18, 2024**

The Road Committee met on Monday, March 18, 2024 at 5:00 p.m. Present were Councilmember Gary Kirkeide; Councilmember Jim Doyle; City Engineer Tom Collins; City Engineer Dave Krugler; City Attorney Mark Berglund; and Deputy City Clerk Dawnette Shimek.

1. Potential expansion of the 2024 bituminous overlay project

4.14
(1)

Engineer Collins stated that the Streets that received a bituminous overlay in 2002 or prior were field evaluated with Public Works Superintendent Witkowski to determine whether reconstruction was warranted or if another bituminous overlay could be completed, similar to the 2023 bituminous overlay of the Streets within Wildwood Park. Engineer Collins recommended that the 2024 bituminous overlay project be expanded to include Idlewood 1st Addition, Idlewood 3rd Addition and 175th Lane NE West of Swedish Drive NE, Wisen's 11th Addition along with McKay Drive NE and Westlund's Creekside. Engineer Collins stated that the 2025 bituminous overlay project will include Ravenwood Estates and Pinger's Plaza Metes and Bounds and 7th Street NE from 168th Avenue NE to 170th Avenue NE. **It was the consensus of the Road Committee to recommend to the City Council to expand the 2024 bituminous overlay project per the recommendations of Engineer Collins.**

2. Revolving Street Fund projections

Engineer Collins summarized the 5-year Revolving Street Fund projections that did not reflect the expansion of the bituminous overlay projects for 2024 or 2025, which showed a 2028 deficit of 2.5 million dollars. Engineer Collins summarized a revised 5-year Revolving Street Fund projections that included the bituminous overlay expansion, which showed a 2028 surplus of \$700,000. Engineer Collins stated that the projections did not include any sand and gravel Street upgrades.

3. Potential fiscal year 2026 (July 2025-June 2026) MnDOT Local Partnership Program grant applications

Engineer Collins stated that the MnDOT solicitation announcement for the fiscal year 2026 Local Partnership Program (LPP) grant is anticipated to be in early April, with project proposals anticipated to be due late May. Engineer Collins stated that the likely grant amount is anticipated to be one-million dollars, similar to the fiscal year 2025 solicitation. Engineer Collins summarized two projects that could be submitted for grant funding, with the first project being construction of the 162nd Lane NE and Buchanan Street NE backage road in the southwest corner of Constance Boulevard NE and Highway 65 NE and the second project being the extension of Central Avenue NE from 177th Avenue NE to 181st Avenue NE.

Engineer Collins stated that the Council previously approved directing the City Attorney to negotiate 162nd Street NE and Buchanan Street NE land acquisitions of roadway, drainage and utility easements acquisition from the 1222 Constance Boulevard NE parcel and the 16339 Buchanan Street NE parcel. Attorney Berglund stated that a meeting is anticipated to be facilitated within three weeks with the owner of 17-32-23-24-0014, and that based on prior correspondence with the property owner that eminent domain may be required. Councilmember Doyle stated that

the use of eminent domain by Attorney Berglund should be approved. Attorney Berglund stated that the eminent domain procedure could take up to one-year. Engineer Collins stated that construction could not commence prior to July 1, 2025, and that there was a one-year window from there for commencement so one year for acquisitions would not impact the timeframe for construction.

Engineer Collins stated that the extension of Central Avenue NE from 177th Avenue NE to 181st Avenue NE traverses thru the 05-32-23-12-0001 and 05-32-23-13-0001 parcels. Engineer Collins stated that the property owner has agreed to dedicate the necessary right-of-way and drainage and utility easements for the extension, and displayed the alignment exhibit of the property owner. Engineer Collins stated that a LPP grant application would need to include removal of 177th Avenue NE between Central Avenue NE and Highway 65 NE.

Councilmember Doyle stated that there have been some serious automobile crashes in the vicinity of Central Avenue NE and Highway 65 NE, and that the 162nd Lane NE and Buchanan Street NE backage road was higher priority based on safety. **It was the consensus of the Road Committee to recommend to the City Council to authorize the City Engineer to prepare the fiscal year 2026 LPP grant application for construction of the 162nd Lane NE and Buchanan Street NE backage road.**

4.14
(2)

4. Proposed non-standard 901 Bunker Lake Boulevard NE cul-de-sac

Engineer Collins displayed a proposed cul-de-sac for developing the 901 Bunker Lake Boulevard NE parcel into nine residential lots. Engineer Collins stated that the cul-de-sac was larger than standard cul-de-sacs, with stormwater treatment being proposed in the center. Engineer Collins stated that the City Attorney opinion was that the proposed cul-de-sac should be allowed because it exceeded the City's minimum requirements. **It was the consensus of the Road Committee to recommend to the City Council to approve the proposed cul-de-sac.**

4.14
(3)

5. 14350 Highway 65 NE proposed development and MSA 143rd Avenue NE upgrade requirements

Engineer Collins stated that a concept plan had been received for one of the proposed commercial lots associated with the proposed development of the 14350 Highway 65 NE parcel. Engineer Collins stated that the 14350 Highway 65 NE commercial development is anticipated to be in two phases, with the first being a cul-de-sac approximately 350 feet west of Highway 65 NE right-of-way and the second being an extension of Lincoln Street NE to the north/northwest to the west property line. Engineer Collins stated that preliminary plat approval will be required for the entire parcel, and that platting could be in phases. Engineer Collins stated that a sketch plan has not been received for the commercial development, so he could not comment on whether upgrades are being proposed to 143rd Avenue NE that is not constructed to a commercial standard or whether a west-bound right-turn Lane was being proposed. It was the consensus of the Road Committee that the developer will be responsible for the upgrade of 143rd Avenue NE adjacent to the development, including construction of a west-bound right-turn Lane at the cul-de-sac and that there may be additional requirements with future Sketch Plan approval.

6. 2024 MSA Funds allotment

Engineer Collins stated that the MnDOT state aid funds construction allotment had increased by \$75,913, from \$831,217 to \$907,130.

7. Available mileage for Municipal State Aid designation

Engineer Collins stated that the City has 0.39 miles available for Municipal State Aid (MSA) designation per the 2023 Certification of Mileage, and that 0.02 miles of that were needed for the revised Central Avenue alignment between 177th Avenue and 181st Avenue. Engineer Collins stated that MnDOT has approved preliminary MSA system revision request of the combined 0.37-mile of Aberdeen Street from Constance Boulevard to 165th Avenue and 165th Avenue from Aberdeen Street to Highway 65. **It was the consensus of the Road Committee to recommend to the City Council to approve the MSA designation of Aberdeen Street NE and 165th Avenue NE by Resolution.**

4.14
(4)

8. Trunk Highway 65 interchange preliminary design study

Engineer Collins stated that the Anoka County Highway Department is soliciting proposals for completion of the preliminary design study. Engineer Collins stated that that County will be awarding the contract in May. Engineer Collins stated that MnDOT approval of the preliminary design study is anticipated by October 2025.

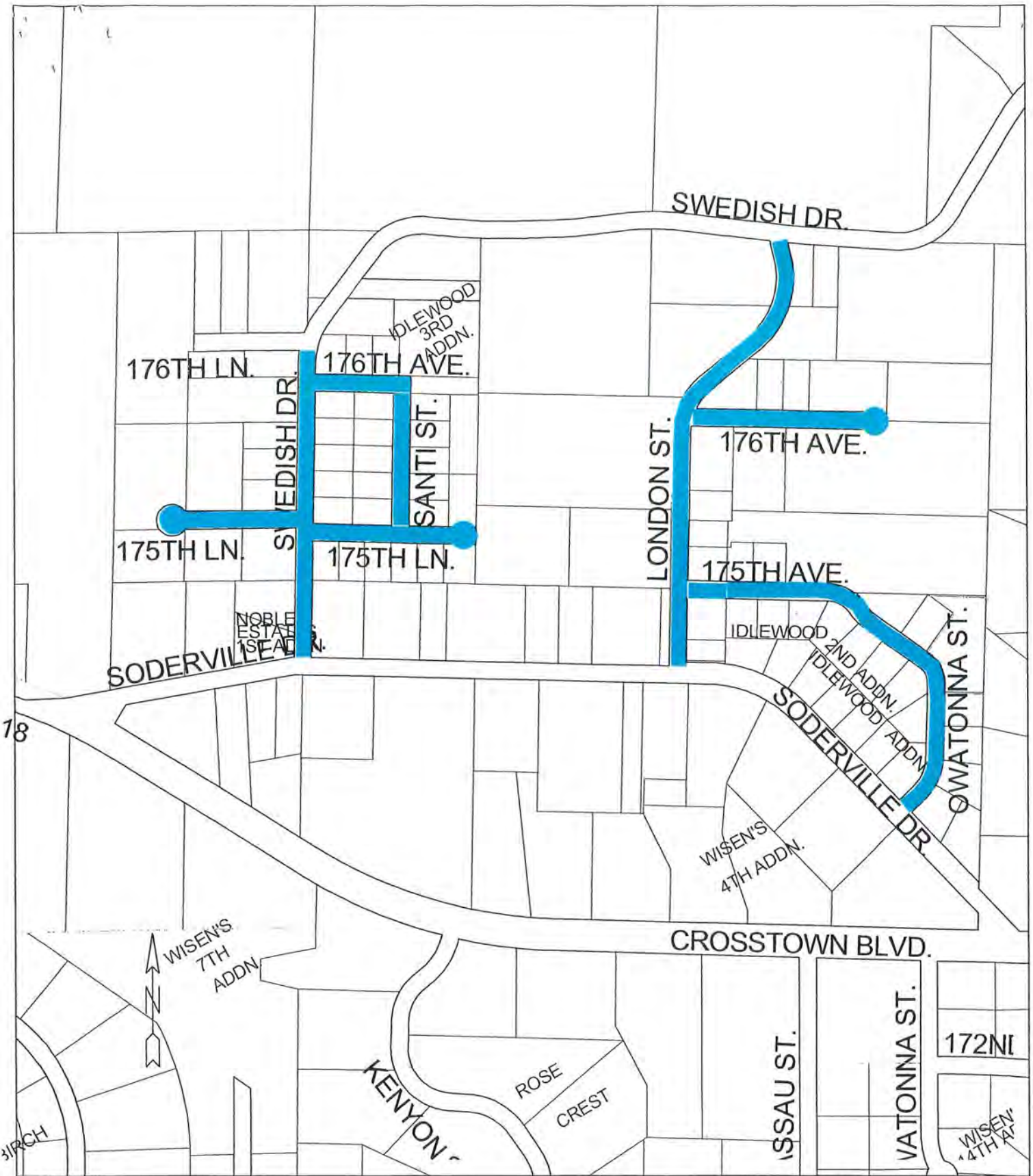
9. Driveway culvert permits

Councilmember Kirkeide stated that there was prior Road Committee discussion in 2020 and 2023 regarding Driveway culvert permitting, and that a draft permit was to be discussed at a subsequent Road Committee meeting. Councilmember Kirkeide inquired as to the status of the draft permit. Engineer Collins stated that Public Works Superintendent Witkowski is gathering information for the draft permit. Councilmember Doyle stated that this needs to be completed sooner than later, individual Driveway culvert policies will be before the City Council.

4.14 (1)



<p>Sheet Title: CITY OF HAM LAKE 2024 BITUMINOUS OVERLAY</p>	<p>Date 3/14/24</p>	<p>Scale 1" = 500'</p>
<p>Locations: MCKAY DRIVE NE (606 FT. EAST OF JACKSON ST. AND 158 FT. WEST OF CENTRAL AVE.)</p>	<p>RFC ENGINEERING, INC. Consulting Engineers 13635 Johnson Street Ham Lake, MN 55304 Telephone (763) 862-8000 Fax (763) 862-8042</p>	



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Sheet Title:
CITY OF HAM LAKE 2024 BITUMINOUS OVERLAY

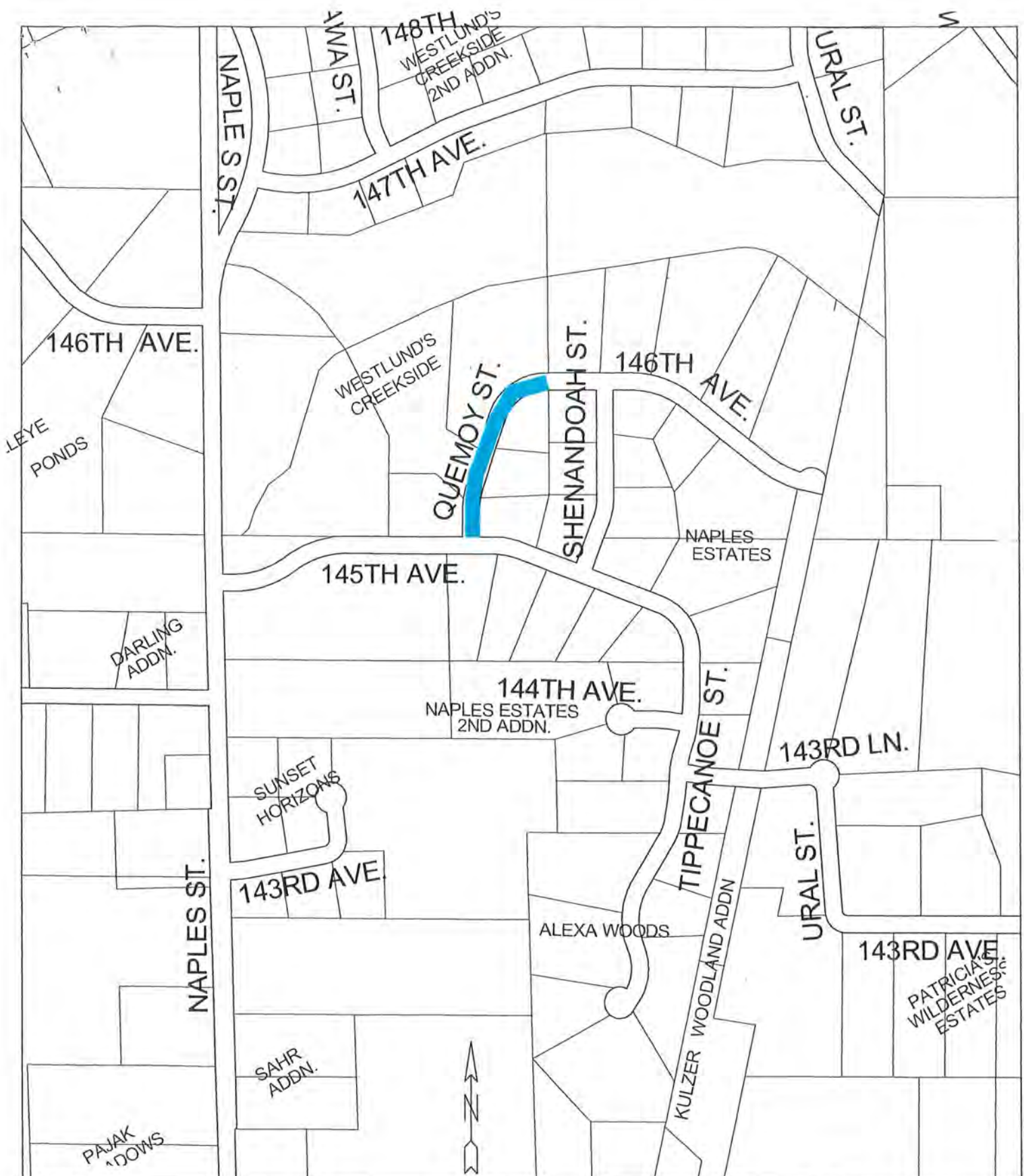
Date
3/14/24

Scale
1" = 500'

Locations:
IDLEWOOD 1ST ADDITION AND IDLEWOOD 3RD ADDITION

RFC ENGINEERING, INC.
Consulting Engineers

13635 Johnson Street
Ham Lake, MN 55304
Telephone (763) 862-8000
Fax (763) 862-8042



Sheet Title: CITY OF HAM LAKE 2024 BITUMINOUS OVERLAY	Date 3/14/24	Scale 1" = 500'
Locations: WESTLUND'S CREEKSIDE	RFC ENGINEERING, INC. Consulting Engineers 13635 Johnson Street Ham Lake, MN 55304 Telephone (763) 862-8000 Fax (763) 862-8042	



Sheet Title: CITY OF HAM LAKE 2024 BITUMINOUS OVERLAY	Date 3/14/24	Scale 1" = 500'
Locations: WISEN'S 11TH ADDITION	RFC ENGINEERING, INC. Consulting Engineers 13635 Johnson Street Ham Lake, MN 55304 Telephone (763) 862-8000 Fax (763) 862-8042	



Sheet Title: CITY OF HAM LAKE 2024 BITUMINOUS OVERLAY	Date 3/14/24	Scale 1" = 500'
Locations: RAVENWOOD ESTATES	RFC ENGINEERING, INC. Consulting Engineers 13635 Johnson Street Ham Lake, MN 55304 Telephone (763) 862-8000 Fax (763) 862-8042	

POTENTIAL 2024 BITUMINOUS OVERLAY PROJECT ADD ON LOCATIONS

PINGER'S PLAZA

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$10,320.25	\$10,320.25
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	431	\$1.05	\$452.48
2331.604	MILL BITUMINOUS SURFACE	S.Y.	22,783	\$0.77	\$17,543.04
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	925	\$6.72	\$6,214.37
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	2,757	\$93.10	\$256,654.63
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	22,783	\$0.28	\$6,379.29
TOTAL					\$297,564.05

MCKAY DR.

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$4,403.03	\$4,403.03
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	68	\$1.05	\$70.93
2331.604	MILL BITUMINOUS SURFACE	S.Y.	9,732	\$0.77	\$7,493.35
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	392	\$6.72	\$2,632.66
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	1,178	\$93.10	\$109,627.75
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	9,732	\$0.28	\$2,724.86
TOTAL					\$126,952.58

IDLEWOOD ADDITION

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$4,872.88	\$4,872.88
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	217	\$1.05	\$227.64
2331.604	MILL BITUMINOUS SURFACE	S.Y.	10,756	\$0.77	\$8,282.23
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	437	\$6.72	\$2,936.35
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	1,301	\$93.10	\$121,169.02
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	10,756	\$0.28	\$3,011.72
TOTAL					\$140,499.84

IDLEWOOD 3RD ADDITION

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$3,244.44	\$3,244.44
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	245	\$1.05	\$257.04
2331.604	MILL BITUMINOUS SURFACE	S.Y.	7,152	\$0.77	\$5,506.83
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	293	\$6.72	\$1,971.16
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	865	\$93.10	\$80,564.99
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	7,152	\$0.28	\$2,002.49
TOTAL					\$93,546.95

POTENTIAL 2024 BITUMINOUS OVERLAY PROJECT ADD ON LOCATIONS

173RD LANE W OF SWEDISH DRIVE

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$620.71	\$620.71
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	181	\$1.05	\$190.54
2331.604	MILL BITUMINOUS SURFACE	S.Y.	1,355	\$0.77	\$1,043.35
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	59	\$6.72	\$398.68
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	164	\$93.10	\$15,264.26
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	1,355	\$0.28	\$379.40
TOTAL					\$17,896.95

WESTLUND'S CREEKSIDE

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$1,027.18	\$1,027.18
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	35	\$1.05	\$37.10
2331.604	MILL BITUMINOUS SURFACE	S.Y.	2,268	\$0.77	\$1,746.63
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	92	\$6.72	\$617.31
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	274	\$93.10	\$25,553.25
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	2,268	\$0.28	\$635.14
TOTAL					\$29,616.61

RAVENWOOD ESTATES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$1,738.49	\$1,738.49
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	351	\$1.05	\$368.48
2331.604	MILL BITUMINOUS SURFACE	S.Y.	3,811	\$0.77	\$2,934.13
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	162	\$6.72	\$1,091.43
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	461	\$93.10	\$42,926.34
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	3,811	\$0.28	\$1,066.96
TOTAL					\$50,125.82

WISEN'S 11TH ADDITION

ITEM NUMBER	ITEM DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	TOTAL
2021.503	MOBILIZATION	L.S.	1	\$2,273.04	\$2,273.04
2232.501	6-FOOT WIDE EDGE MILL BITUMINOUS SURFACE	S.Y.	195	\$1.05	\$204.54
2331.604	MILL BITUMINOUS SURFACE	S.Y.	5,008	\$0.77	\$3,856.30
2501.609	HAUL BITUMINOUS PAVEMENT RECLAMATION	C.Y.	206	\$6.72	\$1,384.72
2360.501	TYPE SPWEA240C WEARING COURSE MIXTURE	TON	606	\$93.10	\$56,417.62
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	S.Y.	5,008	\$0.28	\$1,402.29
TOTAL					\$65,538.50

TOTAL OF HIGHLIGHTED \$474,051.43

TOTAL BID PLUS HIGHLIGHTED \$1,429,594.19

4.14 (2)

SKETCH AND DESCRIPTION

~for~ CITY OF HAM LAKE
 ~of~ ROADWAY, DRAINAGE
 AND UTILITY EASEMENT

ROADWAY, DRAINAGE AND UTILITY EASEMENT DESCRIPTION FOR PIN NO. 17-32-23-24-0014

A perpetual easement for public roadway, drainage and utility purposes over, under and across the following described parcel:

Lot 1, Block 1, DEER CROSSING, except the North 180 feet of the East 250 feet of Lot 1, Block 1, DEER CROSSING, Anoka County, Minnesota.

Said easement has north of a line described as follows:

Beginning at a point on the east line of said Lot 1, Block 1, distant 415.30 feet south of the northeast corner of said Lot 1, Block 1; thence westerly to a point on the west line of said Lot 1, Block 1, distant 438.88 feet southerly of the northwest corner of said Lot 1, Block 1, and said line thence terminating.

ROADWAY, DRAINAGE AND UTILITY EASEMENT DESCRIPTION FOR PIN NO. 17-32-23-21-0017

A perpetual easement for public roadway, drainage and utility purposes over, under and across the following described parcel:

The South 377.00 feet of the West Half of the Northeast Quarter of the Northwest Quarter of Section 17, Township 32, Range 23, Anoka County, Minnesota.

Said easement lies westerly of a line drawn 32.00 feet easterly of a line described as follows:

Beginning at the southeast corner of the West 65.00 feet of said West Half of the Northwest Quarter of the Northwest Quarter; thence north along the east line of said West 65.00 feet of the West Half of the Northwest Quarter, a distance of 77.53 feet; thence northwesterly a distance of 144.80 feet along a tangential curve concave to the southwest having a radius of 312.00 feet and a central angle of 26 degrees 35 minutes 25 seconds; thence northwesterly a distance of 144.80 feet along a reverse curve concave to the northeast having a radius of 312.00 feet and a central angle of 26 degrees 35 minutes 25 seconds to the west line of said West Half of the Northwest Quarter of the Northwest Quarter and said line thence terminating.

Except for the southerly 60.00 feet and the westerly 33.00 feet thereof.

NOTES

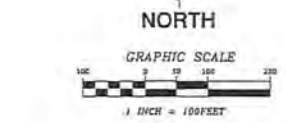
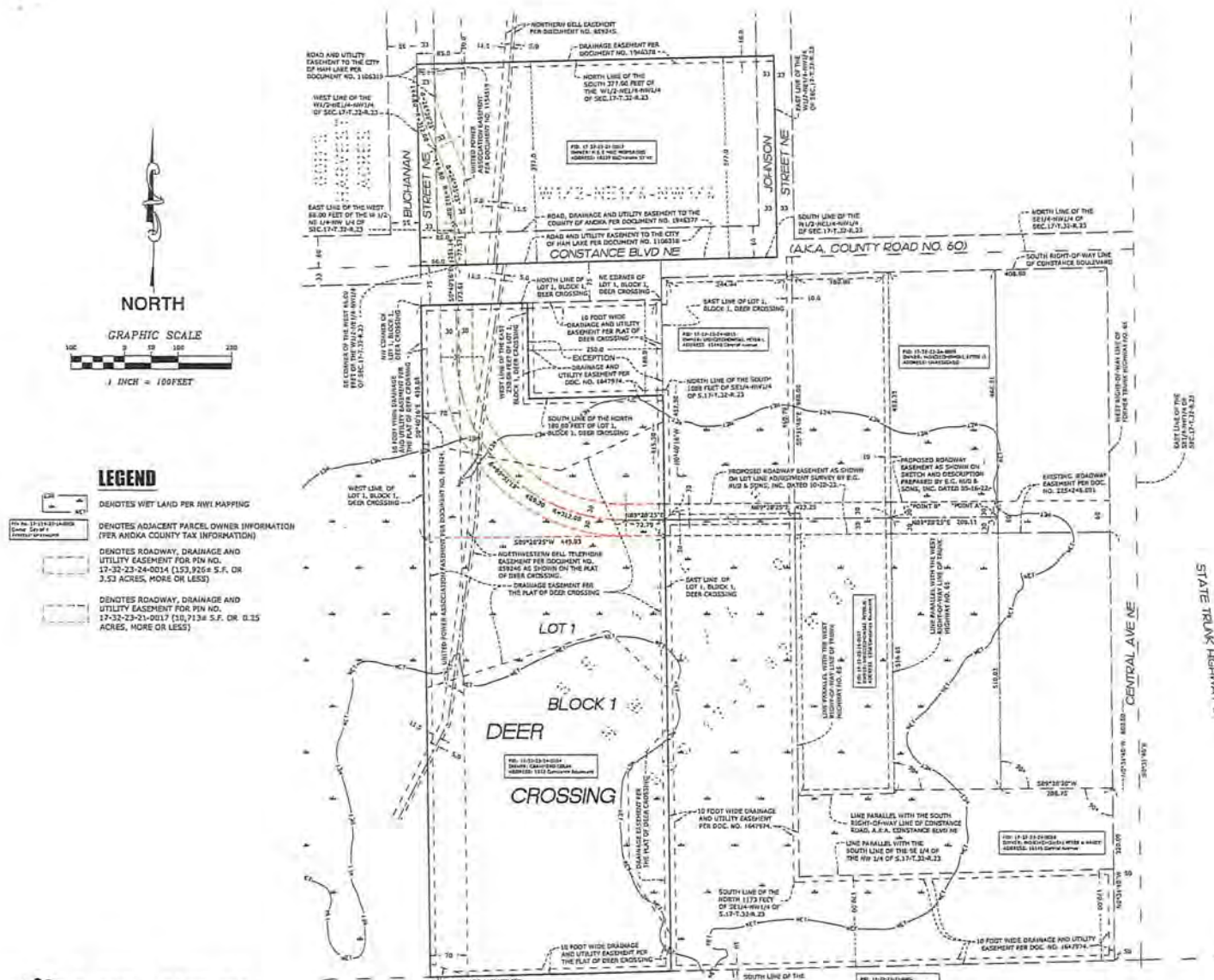
- No field work has been performed by E.G. Rud & Sons, Inc. at this time.
- Bearings shown are on Anoka County datum.
- Parcel ID Numbers: 17-32-23-24-0014 and 17-32-23-21-0017.
- This survey was prepared without the benefit of title work. Additional easements, restrictions and/or encumbrances may exist other than those shown hereon. Surveyor subject to revision upon receipt of a current title commitment or an attorney's title opinion.

I hereby certify that this survey, plan or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.

JASON E. RUD
 Date: 02/28/2024 License No. 41578

NO.	DATE	DESCRIPTION	BY
1			
2			
3			

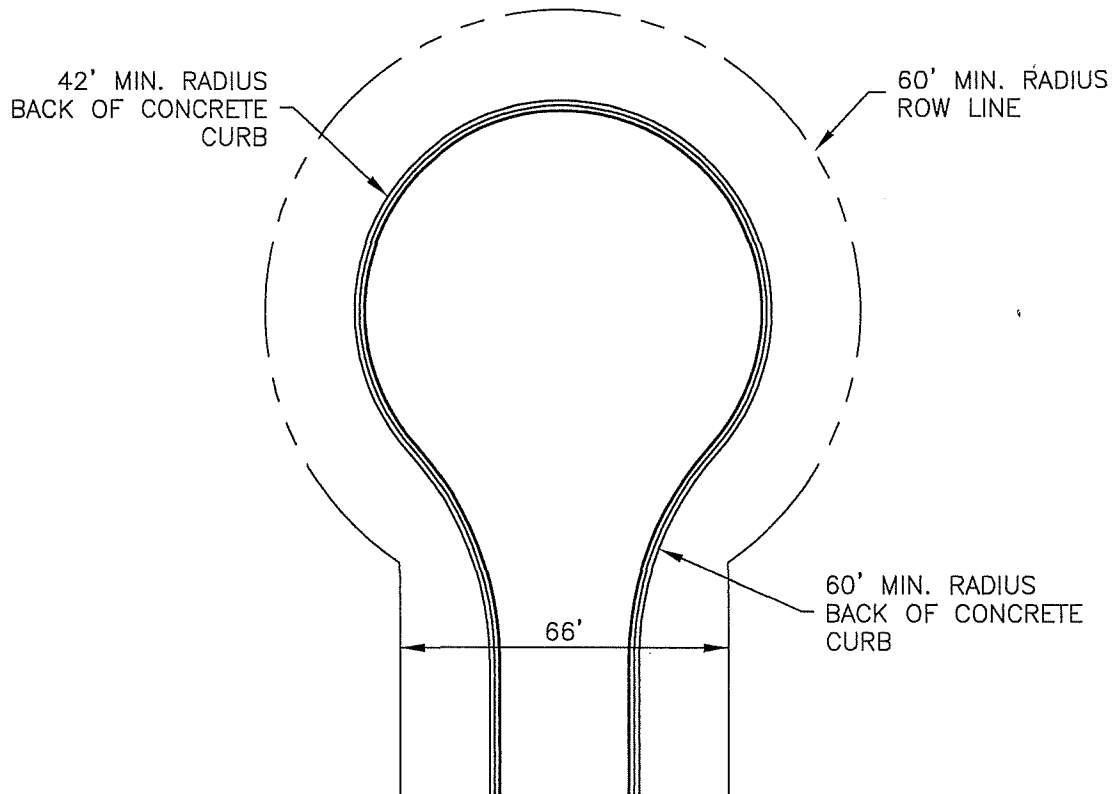
4.14 (2)



- ### LEGEND
- DENOTES WET LAND PER HWY MAPPING
 - DENOTES ADJACENT PARCEL OWNER INFORMATION (PER ANOKA COUNTY TAX INFORMATION)
 - DENOTES ROADWAY, DRAINAGE AND UTILITY EASEMENT FOR PIN NO. 17-32-23-24-0014 (153,926± S.F. OR 3.53 ACRES, MORE OR LESS)
 - DENOTES ROADWAY, DRAINAGE AND UTILITY EASEMENT FOR PIN NO. 17-32-23-21-0017 (10,713± S.F. OR 0.25 ACRES, MORE OR LESS)

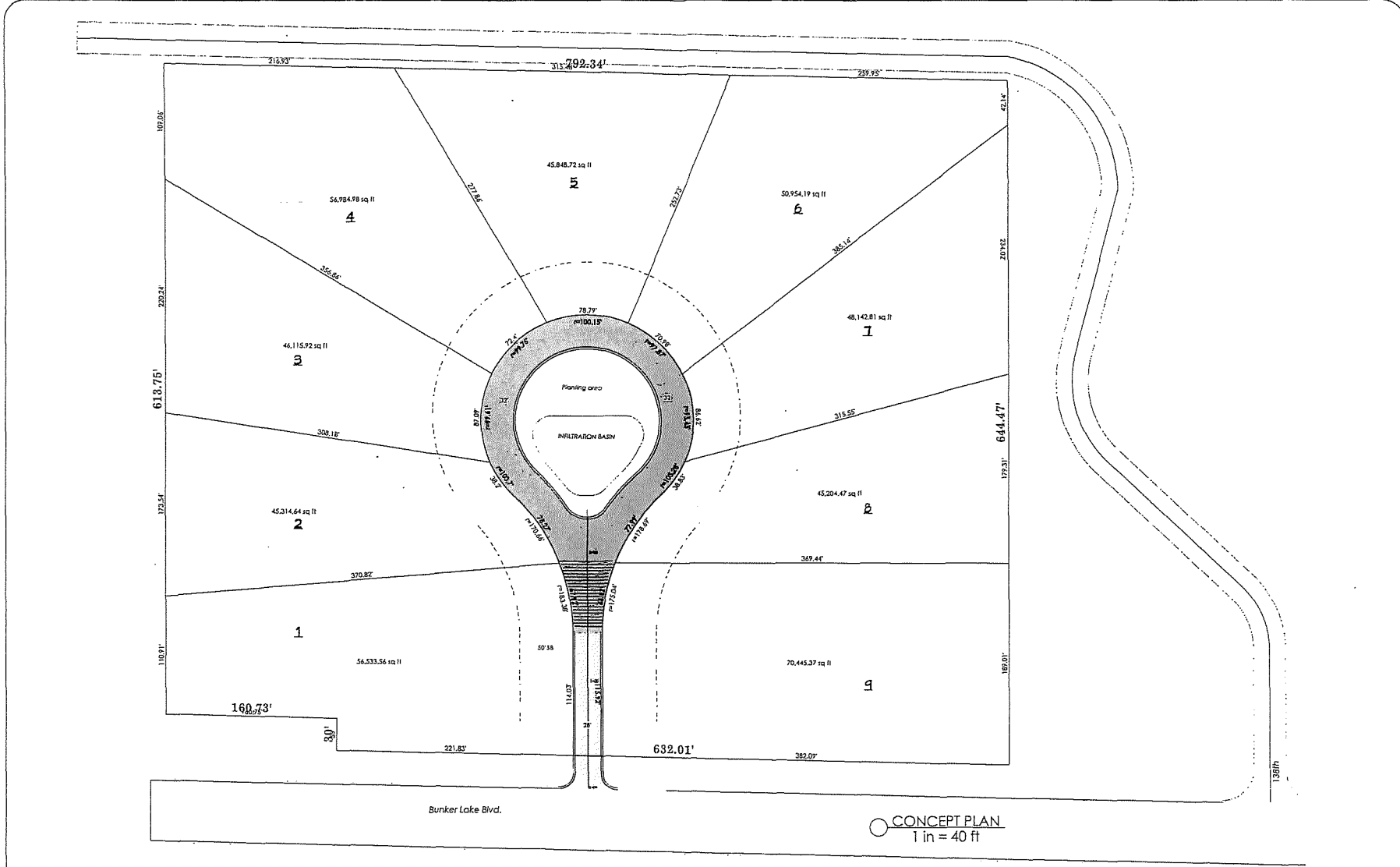
E.G. RUD & SONS, INC.
 Professional Land Surveyors
 6776 Lake Drive NE, Suite 110
 Lino Lakes, MN 55014
 Tel. (651) 361-8200 Fax (651) 361-6701

4.14 (3)



TYPICAL RESIDENTIAL CUL-DE-SAC HL-367A

NOT TO SCALE



Developer:
RANGER
 DEVELOPMENT
 4247 117th Ave., NE Blaine MN, 55449 763.242.3706

Builder: **HEDBERG**
HOMES Inc.
 Est. 1985
 4247 117th Ave., NE Blaine MN, 55449 763.242.3706
 hedberg@hedberg.com uc# 1698

901 BUNKER LAKE BLVD.

REVISION TABLE	
DATE	DESCRIPTION

PAGE TITLE	
Label	Title
P-1	CONCEPT

CONCEPT	
SHEET:	DATE:
P-1-1	3-6-24

April 2, 2024

Dan Erickson
Metro District State Aid Engineer
Minnesota Department of Transportation
Waters Edge
1500 West County Road B2
Roseville, Minnesota 55113

Re: City of Ham Lake MSA designation

Dear Mr. Erickson,

The Ham Lake City Council adopted the attached Resolution No. 24-XX at the April 1st City Council meeting requesting the following revisions to the MSA route designations:

Addition of the following:

- Aberdeen Street from Constance Boulevard (County Road 60) to 165th Avenue (0.26 miles)
- 165th Avenue from Aberdeen Street to Trunk Highway 65 (0.11 miles)

The proposed designation of Aberdeen Street and 165th Avenue is shown on the attached exhibit. The City of Ham Lake had 0.39 miles available to designate as MSA prior to the above requested change. The above requested changes would leave 0.02 miles as available for future MSA designation. The Needs and 2024 Certification of Mileage will be updated after approval is received for the proposed revisions to the MSA routes.

Please contact me if you have any questions. Thanks.

Sincerely,

RFC Engineering, Inc.

Tom Collins, PE
Ham Lake City Engineer

attachment

cc: Bill Lanoux
cc: Denise Webster, City of Ham Lake
cc: 2406.008
cc: 2402 correspondence

RESOLUTION NO. 24-XX

RESOLUTION ESTABLISHING MUNICIPAL STATE AID STREETS

WHEREAS, it appears to the City Council of the City of Ham Lake that the streets hereinafter described would be designated Municipal State Aid Streets under the provisions of Minnesota Laws of 1967 Chapter 162:

WHEREAS, the City of Ham Lake has 0.39 miles available to designate as Municipal State Aid Streets,

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Ham Lake that the roads described as follows, to wit:

Aberdeen Street from Constance Boulevard (County Road 60) to 165th Avenue (0.26 miles)
165th Avenue from Aberdeen Street to Trunk Highway 65 (0.11 miles)

be and hereby are established, located and designated Municipal State Aid Streets of Ham Lake, subject to the approval of the Commissioner of Transportation of the State of Minnesota.

BE IT FURTHER RESOLVED, that the City Clerk is hereby authorized and directed to forward two certified copies of this Resolution to the Commissioner of Transportation for consideration, that upon approval of the designation of said roads or portions thereof, that the designated roads be constructed, improved and maintained as Municipal State Aid Streets of the City of Ham Lake, to be numbered and known as Municipal State Aid Streets.

Adopted by unanimous vote of the Ham Lake City Council this 1st day of April, 2024.

Brian Kirkham, Mayor

Denise Webster, City Clerk

TE TRUNK HIGHWAY NO. 65



Proposed 165th Avenue from State Trunk Highway 65 to Aberdeen Street and Aberdeen Street from 165th Avenue to Constance Boulevard (CR 60)

Drawing name: L:\Projects\2406.008\EXHIBIT.dwg | 8.5x11


Sheet Title
MUNICIPAL STATE AID STREETS - PROPOSED ADDITION

Date
3/06/24

Scale
1"=200'

Project
Proposed 165th Avenue from State Trunk Highway 65 to Aberdeen Street and Aberdeen Street from 165th Avenue to Constance Boulevard (CR 60)

13635 Johnson Street
Ham Lake, MN 55304
Telephone (763) 862-8000
Fax (763) 862-8042



RFC
Engineering, Inc.
CONSULTING ENGINEERS

Denise Webster

7.1

From: Eddington, Julie A. <JEddington@Kennedy-Graven.com>
Sent: Monday, March 25, 2024 1:22 PM
To: Denise Webster
Cc: Eddington, Julie A.; Gerds, Ellen G.
Subject: St. Francis Senior Living Project

You don't often get email from jeddington@kennedy-graven.com. [Learn why this is important](#)

Caution: This email originated outside our organization; please use caution.

Good afternoon Ms. Webster,

As you may know, a non-profit has been given permission to build a senior living facility in the City of St. Francis. The plan is to have several cities issue four different bond issues in the amount of \$10,000,000. The cities St. Francis, Nowthen, and Fairmont have agreed to issue tax-exempt bonds for the project. We need one additional city to issue bonds.

If you don't plan on issuing bonds for your own purposes this year, would you consider issuing conduit bonds for the St. Francis project?

Each city that issues one of the conduit bonds will receive a fee of \$50,000. If you are interested in this, please let me know and I can provide a memo for you providing more detail. The bonds would be conduit bonds, which means that the bonds will not impact your credit rating.

Thank you

Julie Eddington
Kennedy & Graven, Chartered
150 South Fifth Street, Suite 700
Minneapolis, MN 55402-1299
Cell Phone 651-341-9685
Office Phone 612-337-9213
Fax 612-337-9310
jeddington@kennedy-graven.com

To the extent the preceding correspondence and or any attachment is a written tax advice communication, it is not a full "covered opinion." Accordingly, this advice is not intended and cannot be used for the purpose of (1) avoiding penalties that may be imposed under the Internal Revenue Code of 1986, as amended, or (2) promoting, marketing, or recommending to another party any matters addressed herein.

This message (including any attachments) is from a law firm and may contain confidential client information or an attorney-client communication that is confidential and privileged by law. The information is intended only for the use of the individual or entity to whom it is addressed. If you are not the addressee or the employee or agent responsible to deliver this e-mail to its intended recipient, please delete this message (and any attachments) without any review, distribution, or copying and notify the sender of the inadvertent transmission.