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CITY OF FALCON HEIGHTS  
Regular Meeting of the City Council  
City Hall  
2077 West Larpenteur Avenue  
AGENDA  
August 22, 2018 at 7:00 P.M.

A. CALL TO ORDER:

B. ROLL CALL: LINDSTROM   X   LEEHY   X   BROWN THUNDER   NA    
                  MIAZGA   X   GUSTAFSON   X  

STAFF PRESENT: THONGVANH   X  

C. PRESENTATIONS:

1. New CTV Executive Director Dana Healy

Dana Healy

I am the new Executive Director for CTV and my first day was on July 16th. I have been going around the community and introducing myself to residents and getting to know them. I am still in the process of learning about the organization, the city, and residents. One of my main goals is to understand what is valuable in specific communities in Falcon Heights. Also, CTV will be creating some surveys to bring in additional value to the community. If there are things that you like that we are doing right now or if there are things that we should expand upon, I will be happy to relay the survey to Council members and will keep in contact with everyone.

Mayor Lindstrom

Welcome Dana to Falcon Heights and CTV. Falcon Heights and CTV have an excellent working relationship with Cor and the team over the years. We have had great community involvement with the commission, and it is a service that is desperately needed across our regions. We are glad to have Dana in Minnesota and would like Falcon Heights to welcome her.

2. Zane Johnson – Eagle Scout Update

Zane Johnson

I did a “pollinator friendly rain garden” project on Lindig Ave. where there was a zero lot in the area. I came here and asked for an approval from City Councils at the beginning of the year. On Sunday, June 24th, 2018, I completed the project. The total amount of volunteer hours at the end of the project was 183 hours. The hours includes planning, maintenance, labor, and actual service hours of building the project. We collected \$365.43 and had one donor. The community donated the plants, and volunteer numbers exceeded our expectations and we were able to complete the project early. I have been watching it for the last couple of weeks and will do a check up in the spring. After the checkup, it should be good to be on its own. The hardest part of the project was getting everything organized and meeting deadlines but very rewarding.

Council Member Miazga

I would like to congratulate Zane Johnson. This is a marvelous example of community engagement and sees something through with fruition, and putting many hours. It is very impressive. It has been a long time since I was a scout but very well done. Thank you.

Mayor Lindstrom

Organizing and deadline are something that you are going to face in the next ninety years. You are getting a great experience. You are gaining skills in organization, meeting deadlines, and raising money. You are making good things happen and making the community happy by creating this. Thank you, Zane, for your service and well done.

Council Member Leehy

Zane you can expect that I will be walking over to the project since I live nearby the area. I will also let my neighbors know about it too and enjoy the park on Lindig. Thank you, Zane, for your perseverance as you mature in scout and become an Eagle Scout. I am very proud of you and glad to have you as a part of the community.

Council Member Gustafson

Excellent work Zane and thank you for doing this for the community and learning about the park. The experience that you gain will pay it off in the future.

D. APPROVAL OF MINUTES:

1. August 8, 2018 City Council Meeting Minutes

Approved 4-0

E. PUBLIC HEARINGS:

F. CONSENT AGENDA:

1. General Disbursements through: 8/15/18 \$185,588.83  
Payroll through: 8/15/18 \$20,377.90
2. Good Neighbor Fund – Grant Application “Piano in the Park”

City Administrator Thongvanh

The Good Neighbor Fund grant application is in the final submittal for reporting to get the remaining amount of allocating and money toward it.

The final report submitted to the Good Neighbor Fund can be found at our website under the Agenda.

No Action Taken

G: POLICY ITEMS:

H. INFORMATION/ANNOUNCEMENTS

1. Budget Workshop #1 following August 22, 2018 Regular City Council Meeting
2. Budget Workshop #2 – September 1, 2018 at 6:30 P.M.

3. Budget Workshop #3 – September 15, 2018 at 6:30 P.M.

4. Weekly Police Reports – [Click Here](#)

#### Council Member Miazga

- Planning Commission meets on August 28<sup>th</sup> at 7pm. Comprehensive planning input continues and will keep reminding everyone in the next three to four months.
- I learned that the League of Minnesota Cities released a summary of the state laws that were past with local impact. In the last meeting, I mentioned that the preemption and measures were fought back. I would also like to remind everyone about the state law that recently passed regarding trash haulers. After January 1st, 2019, any efforts to do that, will have to follow relatively strict set of guidelines. This includes a minimum contract of seven years. Therefore, we'll see what the City survey says when it comes back with what the communities are thinking about this issue.

If we want the traditional freedom of the city, where we enjoy tackling problems and problem solving on behalf of its residents; then, it would be best to address this soon. According to the list in Chapter 1.77 House File 3095 and file 2697, where the city would have to make a decision. I also received an email from the League of Minnesota Cities that applies to new residential organized collection. This is considered under Minnesota Statute 115A.9. I am not sure if it needs to be pass before January 1st, 2019 or that means the efforts have to have start before 2019. A question to follow up for educational purposes.

- The Purple Hearts City and County Designation chapter 139 allows a city or county by resolution to declare itself as Purple Heart city or county. The purpose is to honor purple hearts recipients in city or county by designating a parking space at city hall or county government center. I informed the county about the idea and that they are looking into it for the courthouse. It is something we may or may not want to consider in the future. I think it is a great idea.
- The Community survey is anticipated to go out next week and excited to hear feedbacks.

#### Council Member Leehy

- I am pleased with the turnout from everybody at our Ice Cream Social and Hot Dog with a Deputy. I appreciate all the residents for adjusting your schedules to our new date. I would also like to thank Ramsey County Sheriff Officers for their participation, and event coordination for their first significant event in the city.
- I have been working with Council Member Gustafson and City Administrator Thongvanh about implementation and aspects of the Taskforce. In addition, we are working on ways not just to include Falcon Heights residents but guests that are passing our city. We want to keep everyone engaged, get public inputs, and getting resources out into the community.

In the next few months, you will be hearing more and see more. A great way to get connected with the City is to sign up for the E-newsletter. City Administrator

Thongvanh sends out it every week so that you can stay abreast of what is happenings and opportunities in the city.

- Minnesota State Fair is approaching fast and Falcon Heights is the third largest in Minnesota. A reminder to welcome guests, have patience as our streets fill up with vehicles, and remember the city guidelines. During State Fair, it is not a good time to have a dumpster out and constructions at your house. It is best to have it after the fair, so the street flows well. If you have any questions, please contact City Hall.

#### Council Member Gustafson

- Community Engagement Commission met on Monday. I thought our next meeting was in September and I apologized for any confusion. In our meeting, we looked at several of things from the Taskforce recommendations on inclusion. Many things have been implemented and are underway. We are currently working on updating the Neighborhood Liaison packet and Welcome packet. We have great volunteers who are working on them. Community Engagement Commission will be bringing a new member to the team, but that does not mean we are full. We might have more opening.
- The next big event for the Community Engagement Commission is Human Rights Day. It will be on Monday, December 10th, 2018. We are not sure of the location yet but we picked the topic in Discrimination in Housing. More information will be out in the next coming months. Community Engagement Commission is very excited to host this event again. I would like to thank all the dedicated volunteers who are working hard to make everything successful. Also would like to thank all them for doing surveys at the Ice Cream Social and Hot Dog with a Deputy. The next meeting will be on October 15th at 7pm. We are canceling our September meeting to collect data and information, and commissioners wanted to attend the Planning Commission public input meeting. We are working to engage residents to attend the Planning Commission meeting to hear about updates or voice out any opinions.
- Fright Farm is looking for volunteers and you can apply it at the Ramsey County website. I would like to thank the city for letting us put a sign out on Snelling to promote during the fair. Thank you City Administrator Thongvanh and city staff Tim Sandvik for making it happen.

#### Mayor Lindstrom

- A reminder that you cannot park vehicles on your lawn. It is a city violation.
- I have been meeting and talking with people about the open council position. A reminder that the application deadline is on August 24<sup>th</sup> at noon. I am confident we will have some excellent applications.
- Environmental Commission and Planning Commission have been spending a lot of time on the Comprehensive Plan and making it as sustainable as possible.

- A reminder that on August 27th, Council Member Miazga and I will be at State Fair in the Eco Experience Exhibits. We are the feature city to talk about our sustainability efforts particularly our clean energy efforts.

City Administrator Thongvanh

- Tonight will be our first budget meeting. It will be an introduction budget to the Council.
- The second budget meeting will be on September 5<sup>st</sup>, 2018, at 6:30 pm.
- The third budget meeting will be on September 15, 2018 at 6:30 pm. We only need this meeting, if we need more time to discuss the budget.
- Council Member Miazga already discussed that the Community Survey will be sent out next week. Once residents are done taking the survey, they can seal it with tape or staples and mail it back to the City Hall. The survey will be advertise on the weekly E-newsletters, website, social media, and QR code fliers to pass it around the community.
- A reminder that State Fair is coming up fast. If residents or guests have any questions or concerns relating to parking or moving violations, please call Ramsey County Sheriff's department. The number is 911.They will be out to enforce with extra deputies patrolling during the State Fair.

I. COMMUNITY FORUM:

J. ADJOURNMENT: 7:23 P.M.

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Peter Lindstrom, Mayor

Dated this 22<sup>nd</sup> day of August, 2018

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Sack Thongvanh, City Administrator

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*The City That Soars!*

## REQUEST FOR COUNCIL ACTION

<b>Meeting Date</b>	September 12, 2018
<b>Agenda Item</b>	Consent F1
<b>Attachment</b>	General Disbursements and Payroll
<b>Submitted By</b>	Roland Olson, Finance Director

<b>Item</b>	General Disbursements and Payroll
<b>Description</b>	General Disbursements through: 9/07/18 \$367,465.33 Payroll through: 8/31/18 \$39,850.30
<b>Budget Impact</b>	The general disbursements and payroll are consistent with the budget.
<b>Attachment(s)</b>	· General Disbursements and Payroll
<b>Action(s) Requested</b>	Staff recommends that the Falcon Heights City Council approve general disbursements and payroll.

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PACKET: 01814 AUGUST 8 PAYABLES  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----				GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----		DISTRIBUTION
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01-00285	APPLIED ECOLOGICAL SERVICES						
I-201808086809		HAND MOWING		510.00			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018			1099: N		
		HAND MOWING			602 4602-81910-000	VEGETATION MGMT	510.00
		=== VENDOR TOTALS ===		510.00			
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01-06487	BONNIE SINGH						
I-201808086807		ENERGY EFFICIENCY REBATE PROG		71.00			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018			1099: N		
		ENERGY EFFICIENCY REBATE PROGM			101 4117-89100-000	ENERGY REBATE PROGRAM	71.00
		=== VENDOR TOTALS ===		71.00			
=====							
01-03122	CITY OF ST PAUL						
I-IN00029630		ASPHALT MIX-11		654.96			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018			1099: N		
		ASPHALT MIX-11			101 4132-75000-000	BITUMINOUS PATCHING	654.96
		=== VENDOR TOTALS ===		654.96			
=====							
01-05179	FIRE SAFETY USA, INC						
I-003754		SUPPLIES:3XHALL RUNNER, MASK		123.00			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018			1099: N		
		SUPPLIES:3XHALL RUNNER, MASK			101 4124-70100-000	SUPPLIES	123.00
		=== VENDOR TOTALS ===		123.00			
=====							
01-05235	JAN-PRO CLEANING SYSTEMS						
I-76920		AUGUST REGULAR JANITORIAL SER		205.00			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018			1099: N		
		AUGUST REGULAR JANITORIAL SERV			101 4131-87010-000	CITY HALL MAINTENANCE	205.00
		=== VENDOR TOTALS ===		205.00			
=====							
01-06486	JUSTIN TACHENY						
I-201808086806		JUSTIN TACHENY		133.83			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018			1099: N		
		CELL PHONE REIMBT			201 4201-89000-000	MISCELLANEOUS	40.00
		MILEAGE			201 4201-86010-000	MILEAGE	93.83
		=== VENDOR TOTALS ===		133.83			

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01-07272	LILLIE SUBURBAN NEWSPAPER					
I-201808086804		LILLIE SUBURBAN NEWSPAPER	94.88			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		NOTICE-ELECTRICAL ORDINANCE		101 4111-70410-000	LEGAL NOTICES	60.38
		FINANCIAL STATEMENT		101 4111-70410-000	LEGAL NOTICES	34.50
		=== VENDOR TOTALS ===	94.88			
=====						
01-05440	LOFFLER COMPANIES, INC					
I-201808086801		LOFFLER COMPANIES, INC	387.37			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		JULY COPIER CHARGES		101 4112-87000-000	REPAIR OFFICE EQUIPMENT	73.14
		APRIL-JUNE COPIER CHARGES		101 4112-87000-000	REPAIR OFFICE EQUIPMENT	314.23
		=== VENDOR TOTALS ===	387.37			
=====						
01-05665	METROPOLITAN COUNCIL					
I-1085612		SEPTEMBER SANITARY SEWER	39,846.43			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		SEPTEMBER SANITARY SEWER		601 4601-85060-000	METRO SEWER CHARGES	39,846.43
		=== VENDOR TOTALS ===	39,846.43			
=====						
01-05825	MUNICIPAL CODE CORPORATION					
I-00314072		SUPPLEMENT PAGES&FOLIO UPDATE	1,639.62			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		SUPPLEMENT PAGES&FOLIO UPDATE		101 4114-80210-000	ZONING CODE UPDATE	1,639.62
		=== VENDOR TOTALS ===	1,639.62			
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01-07263	NEXTEL COMMUNICATIONS, INC					
I-172868921-161		FIRE FIGHTING-CELL PHONE	24.42			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		FIRE FIGHTING-CELL PHONE		101 4124-85015-000	CELL PHONE	24.42
		=== VENDOR TOTALS ===	24.42			
=====						
01-06053	OREILLY AUTO PARTS					
I-1799-432394		STREET SWEEPER	50.75			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		STREET SWEEPER		602 4602-83020-000	STREET SWEEPING	50.75
		=== VENDOR TOTALS ===	50.75			

PACKET: 01814 AUGUST 8 PAYABLES  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

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01-06185	RAMSEY COUNTY					
I-RISK001936		AUGUST DENTL/DISAY/LIFE INSUR	1,005.27			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		AUGUST DENTL/DISAY/LIFE INSUR		101 4112-89000-000	MISCELLANEOUS	1,005.27
		=== VENDOR TOTALS ===	1,005.27			
=====						
01-06184	RAMSEY COUNTY - POLICE AND 911					
I-201808086810		RAMSEY COUNTY - POLICE AND 91	3,137.90			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		JULY 911 DISPATCH		101 4122-81200-000	911 DISPATCH FEES	2,557.68
		JULY CAD		101 4122-81200-000	911 DISPATCH FEES	499.10
		JULY RADIP FLEET SUPPORT		101 4124-86800-000	RADIO MESB/FLEET SUPPORT	81.12
		=== VENDOR TOTALS ===	3,137.90			
=====						
01-05374	TENNIS SANITATION LLC					
I-201808086802		TENNIS SANITATION LLC	5,835.50			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		JULY WASTE REMOVAL		101 4131-82010-000	WASTE REMOVAL	66.50
		JULY RECYCLING		206 4206-82030-000	RECYCLING CONTRACTS	5,769.00
		=== VENDOR TOTALS ===	5,835.50			
=====						
01-00871	TERENCE BOYLE					
I-201808086808		REFUND FD18-13	31.45			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		REFUND FD18-13		101 32216-000	DRIVEWAYS/FENCES	31.45
		=== VENDOR TOTALS ===	31.45			
=====						
01-05737	VERIZON WIRELESS					
I-9811584569		VERIZON WIRELESS	129.62			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
		CELL PHONE		101 4131-85015-000	CELL PHONE	59.60
		FIRE DEPT. CAD		101 4124-85015-000	CELL PHONE	70.02
		=== VENDOR TOTALS ===	129.62			

PACKET: 01814 AUGUST 8 PAYABLES  
VENDOR SET: 01 City of Falcon Heights  
SEQUENCE : ALPHABETIC  
DUE TO/FROM ACCOUNTS SUPPRESSED

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01-05870	XCEL ENERGY					
I-201808086805	XCEL ENERGY		325.57			
8/08/2018	APBNK	DUE: 8/08/2018 DISC: 8/08/2018		1099: N		
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	11.31
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	56.99
	ELECT			101 4121-85020-000	ELECTRIC	0.84
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	56.96
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	49.93
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	11.31
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	50.77
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	11.31
	ELECT			101 4141-85020-000	ELECTRIC/GAS	25.35
	ELECT			209 4209-85020-000	STREET LIGHTING POWER	50.80
	=== VENDOR TOTALS ===		325.57			
	=== PACKET TOTALS ===		54,206.57			

PACKET: 01816 AUG 10 PAYABLES  
VENDOR SET: 01 City of Falcon Heights  
SEQUENCE : ALPHABETIC  
DUE TO/FROM ACCOUNTS SUPPRESSED

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POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
01	01	MIDWEST MACHINERY COMPANY				
I-201808106811		JOHN DEERE MOWER	25,685.00			
8/10/2018	APBNK	DUE: 8/10/2018 DISC: 8/10/2018		1099: N		
		JOHN DEERE MOWER		401 4401-91000-000	MACHINERY & EQUIPMENT	25,685.00
		=== VENDOR TOTALS ===	25,685.00			
		=== PACKET TOTALS ===	25,685.00			

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01 97		ASSOC FOR NONSMOKERS					
I-201808136817		ASSOC FOR NONSMOKERS	168.00				
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N			
		TABACCO CHECKS		101 4122-81000-000	POLICE SERVICES		168.00
		=== VENDOR TOTALS ===	168.00				
01-00875		BHE COMMUNITY SOLAR, LLC					
I-201808136814		BHE COMMUNITY SOLAR, LLC	1,002.96				
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N			
		JUNE CITY HALL SOLAR ELECT		101 4131-85025-000	SOLAR ELECTRIC		541.67
		MAY CITY HALL SOLAR ELECT		101 4131-85025-000	SOLAR ELECTRIC		461.29
		=== VENDOR TOTALS ===	1,002.96				
01-03110		CENTURY LINK					
I-201808136815		CENTURY LINK	136.82				
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N			
		LANLINES-BALANCE FORWARD		601 4601-85011-000	TELEPHONE - LANDLINE		67.30
		LANLINES LIFT STATION		601 4601-85011-000	TELEPHONE - LANDLINE		69.52
		=== VENDOR TOTALS ===	136.82				
01-03123		CINTAS CORPORATION #470					
I-4008405405		CINTAS CORPORATION #470	116.10				
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N			
		GLASS&SURF CLEANER, BLACK MAT		101 4131-70110-000	SUPPLIES		116.10
		=== VENDOR TOTALS ===	116.10				
01 70		METRO PRODUCTS INC					
I-136812		METRO PRODUCTS INC	32.79				
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N			
		SUPPLIES:LOCK&FLAT WASHER, ETC		101 4131-70110-000	SUPPLIES		32.79
		=== VENDOR TOTALS ===	32.79				
01-05273		MN PUBLIC EMPLOYEES INSURANCE					
I-738629		MN PUBLIC EMPLOYEES INSURANCE	9,210.28				
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N			
		SEPTEMBER HEALTH INSURANCE		101 4112-89000-000	MISCELLANEOUS		9,210.28
		=== VENDOR TOTALS ===	9,210.28				



PACKET: 01819 Payables August 13  
VENDOR SET: 01 City of Falcon Heights  
SEQUENCE : ALPHABETIC  
DUE TO/FROM ACCOUNTS SUPPRESSED

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POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
01-076		OFFICE DEPOT				
I-150421408001/2		OFFICE DEPOT	506.73			
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N		
		NOT FULLY PAID BEFORE: SUPPLIES		101 4112-70100-000	SUPPLIES	506.73
		=== VENDOR TOTALS ===	506.73			
01-06184		RAMSEY COUNTY - POLICE AND 911				
I-SHRFL001717		AUGUST POLICE SERVICES	82,692.72			
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N		
		AUGUST POLICE SERVICES		101 4122-81000-000	POLICE SERVICES	82,692.72
		=== VENDOR TOTALS ===	82,692.72			
01-06628		SACK THONGVANH				
I-201808136816		SACK THONGVANH	120.00			
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N		
		JULY CELL PHONE REIMB		101 4131-85015-000	CELL PHONE	60.00
		AUGUST CELL PHONE REIMB		601 4601-85015-000	CELL PHONE	60.00
		=== VENDOR TOTALS ===	120.00			
01-05870		XCEL ENERGY				
I-201808136813		XCEL ENERGY	2,257.72			
8/13/2018	APBNK	DUE: 8/13/2018 DISC: 8/13/2018		1099: N		
		STREET LIGHT ELECT		209 4209-85020-000	STREET LIGHTING POWER	89.74
		PARKS ELECT		101 4141-85020-000	ELECTRIC/GAS	17.53
		CITY HALL GAS		101 4131-85030-000	NATURAL GAS	65.02
		STREET LIGHT ELECT		209 4209-85020-000	STREET LIGHTING POWER	11.84
		STREET LIGHT ELECT		209 4209-85020-000	STREET LIGHTING POWER	2,073.59
		=== VENDOR TOTALS ===	2,257.72			
		=== PACKET TOTALS ===	96,244.12			

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POST DATE	BANK CODE	-----DESCRIPTION-----		DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----		DISTRIBUTION
01-10		CENTURY LINK						
I-201808156820		CENTURY LINK		124.00				
8/15/2018	APBNK	DUE: 8/15/2018 DISC: 8/15/2018			1099: N			
		LANDLINES-PARKS BALANCE FORWAR			101 4141-85011-000	TELEPHONE - LANDLINE		61.93
		LANDLINES-PARKS(8/7-9/6)			101 4141-85011-000	TELEPHONE - LANDLINE		62.07
		=== VENDOR TOTALS ===		124.00				
01-04000		EHLERS AND ASSOCIATES						
I-201808156821		EHLERS AND ASSOCIATES		5,100.00				
8/15/2018	APBNK	DUE: 8/15/2018 DISC: 8/15/2018			1099: N			
		TIF PREPARATION			414 4414-81900-000	OTHER PROFESSIONAL SERVI		3,480.00
		PAYMENT CALCULATION VERIFICATI			414 4414-81900-000	OTHER PROFESSIONAL SERVI		1,620.00
		=== VENDOR TOTALS ===		5,100.00				
01-05171		FRA DOR INC						
I-1807359		FRA DOR INC		68.00				
8/15/2018	APBNK	DUE: 8/15/2018 DISC: 8/15/2018			1099: N			
		BOULEVARD MAINTENANCE			101 4132-87010-000	BOULEVARD MAINTENANCE		68.00
		=== VENDOR TOTALS ===		68.00				
01-04570		JOSEPH, KATRINA E.						
I-201808156823		JOSEPH, KATRINA E.		2,500.00				
8/15/2018	APBNK	DUE: 8/15/2018 DISC: 8/15/2018			1099: Y			
		JULY PROSECUTIONS			101 4123-80200-000	LEGAL FEES		2,500.00
		=== VENDOR TOTALS ===		2,500.00				
01-01		SAMS CLUB MC/SYNCB						
I-201808156822		SAMS CLUB MC/SYNCB		1,244.73				
8/15/2018	APBNK	DUE: 8/15/2018 DISC: 8/15/2018			1099: N			
		KITCHEN SUPPLIES:TOWELS POWEDE			101 4131-70110-000	SUPPLIES		161.08
		SWEEPER REPAIR			602 4602-83025-000	SWEEPER PARTS/SUPPLIES		1,083.65
		=== VENDOR TOTALS ===		1,244.73				

PACKET: 01821 Payables August 15  
VENDOR SET: 01 City of Falcon Heights  
SEQUENCE : ALPHABETIC  
DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
01	23	USA INFLATABLES				
I-201808156818		USA INFLATABLES	393.39			
8/15/2018	APBNK	DUE: 8/15/2018 DISC: 8/15/2018		1099: N		
		FIRE DEPART OPEN HOUSE		101 4116-89010-000	SPECIAL EVENTS	393.39
		=== VENDOR TOTALS ===	393.39			
01-05870		XCEL ENERGY				
I-201808156819		XCEL ENERGY	23.02			
8/15/2018	APBNK	DUE: 8/15/2018 DISC: 8/15/2018		1099: N		
		GAZEBO, SNELLING ELECT		101 4141-85020-000	ELECTRIC/GAS	23.02
		=== VENDOR TOTALS ===	23.02			
		=== PACKET TOTALS ===	9,453.14			

IP #	NAME	AMOUNT
005	SACK THONGVANH	3,198.63
L-1017	TIMOTHY J SANDVIK	1,736.07
L-1020	AMANDA P LOR	1,270.70
L-1136	ROLAND O OLSON	2,484.60
L-0040	KEVIN ANDERSON	171.67
L-0085	DANIEL S JOHNSON-POWERS	200.74
L-0086	RICHARD H HINRICHS	527.17
L-0087	MICHAEL A MCKAY	258.59
L-0095	MICHAEL J POESCHL	485.70
L-0097	PATRICK GAFFNEY	352.27
L-0105	ANTON M FEHRENBACH	455.32
L-0106	SCOTT A TESCH	223.84
L-0123	BRYAN R SULLIVAN	116.41
L-0124	MICHAEL D KRUSE	197.98
L-0126	BENJAMIN J SMITH	119.79
L-0132	ANDREW K TEMME	160.03
L-0135	MORGAN B MCCANN	175.85
L-0136	SCHLIZ S SAWYERS	88.25
L-0137	DANIEL J WATTENHOFER	116.78
L-0138	GRANT W HEITMAN	130.85
L-0139	WILLIAM M RAVEN	197.70
L-2172	MICHAEL W ARCAND	187.11
L-2240	TIMOTHY P TWOHY	874.50
L-2247	THOMAS J DEMARS	688.49
L-1030	TIMOTHY J PITTMAN	2,062.95
033	DAVE TRETSVEN	1,626.64
L 1143	COLIN B CALLAHAN	1,614.32

TOTAL PRINTED: 27 19,722.95

PAYROLL CHECK REGISTER

PAGE: 1  
PAYROLL DATE: 8/12/2018

8-12-2018 8:28 AM  
PAYROLL NO: 01 City of Falcon Heights

IP NO	EMPLOYEE NAME	TYPE	CHECK DATE	CHECK AMOUNT	CHECK NO.
17	JINZE, LI	R	8/12/2018	435.68	087812
	GRAY, MCGWIRE T	R	8/12/2018	92.02	087813
25	HART, KELLY M	R	8/12/2018	127.25	087814

PAYROLL CHECK REGISTER

PAGE: 2  
PAYROLL DATE: 8/12/2018

8-12-2018 8:28 AM  
PAYROLL NO: 01 City of Falcon Heights

\*\*\* REGISTER TOTALS \*\*\*

REGULAR CHECKS:	3	654.95
DIRECT DEPOSIT REGULAR CHECKS:	27	19,722.95
MANUAL CHECKS:		
PRINTED MANUAL CHECKS:		
DIRECT DEPOSIT MANUAL CHECKS:		
VOIDED CHECKS:		
NON CHECKS:		
TOTAL CHECKS:	30	20,377.90

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-00250	AMERIPRIDE SERVICES					
I-1004213527		AMERIPRIDE SERVICES	49.13			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		LAUNDRY SERVICES		101 4124-82011-000	LINEN CLEANING	49.13
		=== VENDOR TOTALS ===	49.13			
=====						
01-03089	CASH					
I-201809066850		CASH	75.24			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		DEBRIS DUMP CHARGE		101 4132-87010-000	BOULEVARD MAINTENANCE	25.00
		HRC EVENT PARKING		101 4112-86100-000	CONFERENCES/EDUCATION/AS	6.00
		PAPER PUNCH		101 4117-70100-000	SUPPLIES	10.74
		CERTIFIED MAIL		101 4117-70100-000	SUPPLIES	20.10
		CERTIFIED MAIL		101 4112-70500-000	POSTAGE	6.70
		CERTIFIED MAIL		427 4427-89000-000	MISCELLANEOUS	6.70
		=== VENDOR TOTALS ===	75.24			
=====						
01-03117	CITY OF LITTLE CANADA					
I-19500		CITY OF LITTLE CANADA	285.67			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		2ND QUARTER BUILD INSPE MILEAG		101 4117-81210-000	BUILDING INSPECTORS	285.67
		=== VENDOR TOTALS ===	285.67			
=====						
01-05235	JAN-PRO CLEANING SYSTEMS					
I-77879		JAN-PRO CLEANING SYSTEMS	205.00			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		SEP REGULAR JANITORIAL SERVICE		101 4131-87010-000	CITY HALL MAINTENANCE	205.00
		=== VENDOR TOTALS ===	205.00			
=====						
01-05509	LEAGUE OF MN CITIES					
I-201809066852		LEAGUE OF MN CITIES	5,738.00			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		CITY MEMBERSHIP DUES BEG SEP18		101 4111-86140-000	COMMISSIONS/MEMBERSHIPS/	5,738.00
I-201809066855		LEAGUE OF MN CITIES	30.00			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		MMA MEMBERSHIP DUES BEGIN SEP		101 4111-86140-000	COMMISSIONS/MEMBERSHIPS/	30.00
		=== VENDOR TOTALS ===	5,768.00			

PACKET: 01832 PAYABLES SEP 6  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-07272	LILLIE	SUBURBAN NEWSPAPER				
I-201809066853		LILLIE SUBURBAN NEWSPAPER	69.00			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		ANNUAL DISCLOSURE TAX INCREMEN		414 4414-89000-000	MISC:TIF ADMIN FEES RAMS	69.00
		=== VENDOR TOTALS ===	69.00			
=====						
01-07263	NEXTEL	COMMUNICATIONS, INC				
I-172868921-162		NEXTEL COMMUNICATIONS, INC	65.58			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		JULY27-AUG26 CELL PHONE CFH		101 4131-85015-000	CELL PHONE	65.58
		=== VENDOR TOTALS ===	65.58			
=====						
01-06185	RAMSEY	COUNTY				
I-201809066851		RAMSEY COUNTY	3,137.90			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		AUGUST RADIO FLEET SUPPORT		101 4124-86800-000	RADIO MESH/FLEET SUPPORT	81.12
		AUGUST 911 DISPATCH		101 4122-81200-000	911 DISPATCH FEES	2,557.68
		AUGUST CAD		101 4122-81200-000	911 DISPATCH FEES	499.10
		=== VENDOR TOTALS ===	3,137.90			
=====						
01-05374	TENNIS	SANITATION LLC				
I-201809066854		TENNIS SANITATION LLC	5,835.50			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		AUGUST RECYCLING		206 4206-82030-000	RECYCLING CONTRACTS	5,769.00
		AUGUST RECYCLING		206 4206-82030-000	RECYCLING CONTRACTS	66.50
		=== VENDOR TOTALS ===	5,835.50			
=====						
01-06930	U.S.	POSTMASTER				
I-201809066858		U.S. POSTMASTER	735.00			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		STAMPS		101 4112-70500-000	POSTAGE	735.00
		=== VENDOR TOTALS ===	735.00			

PACKET: 01832 PAYABLES SEP 6  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-05737	VERIZON WIRELESS					
I-9813436048		VERIZON WIRELESS	59.60			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		CELL PHONE		101 4131-85015-000	CELL PHONE	59.60
		=== VENDOR TOTALS ===	59.60			
=====						
01-07898	WSB					
I-201809066856		WSB	3,092.00			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		PLANNING SERVICES		101 4117-80400-000	CONSULTING PLANNER	3,092.00
		=== VENDOR TOTALS ===	3,092.00			
=====						
01-05870	XCEL ENERGY					
I-201809066857		XCEL ENERGY	419.99			
9/06/2018	APBNK	DUE: 9/06/2018 DISC: 9/06/2018		1099: N		
		GAS		101 4131-85030-000	NATURAL GAS	130.41
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	48.84
		COFFMAN STREET		101 4141-85020-000	ELECTRIC/GAS	25.19
		IOWA AVE ELECT		101 4141-85020-000	ELECTRIC/GAS	17.31
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	11.31
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	11.31
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	45.97
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	17.18
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	46.49
		CIVIL DEFENSE SIREN		101 4121-85020-000	ELECTRIC	0.82
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	11.31
		ELECT		209 4209-85020-000	STREET LIGHTING POWER	53.85
		=== VENDOR TOTALS ===	419.99			
		=== PACKET TOTALS ===	19,797.61			

PACKET: 01823 PAYABLES AUGUST 20  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----				GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----		DISTRIBUTION
=====							
01-050		AMERIPRIDE SERVICES					
I-1004225378		AMERIPRIDE SERVICES		53.15			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018			1099: N		
		LAUNDRY SERVICES TOWEL COLLN			101 4124-82011-000	LINEN CLEANING	53.15
=== VENDOR TOTALS ===				53.15			
=====							
01-05726		BOUND TREE MEDICAL					
I-82922144/2		BOUND TREE MEDICAL		12.00			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018			1099: N		
		UNPAID SUPPLIES FREIGHT CHARGE			101 4124-70100-000	SUPPLIES	12.00
=== VENDOR TOTALS ===				12.00			
=====							
01-03103		CANON FINANCIAL SERVICES					
I-19112426		CANON FINANCIAL SERVICES		244.78			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018			1099: N		
		COPIER CONTRACT CHARGE			101 4131-87010-000	CITY HALL MAINTENANCE	244.78
=== VENDOR TOTALS ===				244.78			
=====							
01-03089		CASH					
I-201808206828		CASH		212.58			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018			1099: N		
		REC CLASS SUPPLIES			201 4201-70100-000	SUPPLIES	212.58
=== VENDOR TOTALS ===				212.58			
=====							
01-03122		CITY OF ST PAUL					
IN00030296		CITY OF ST PAUL		309.00			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018			1099: N		
		JAN-JUNE MAINTENANCE AREA			209 4209-87120-000	REPAIR & MAINTENANCE	309.00
=== VENDOR TOTALS ===				309.00			
=====							
01-05585		METROPOLITAN AREA MANAGEMENT A					
I-201808206827		METROPOLITAN AREA MANAGEMENT		25.00			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018			1099: N		
		MEMBERSHIP DUES			101 4112-86100-000	CONFERENCES/EDUCATION/AS	25.00
=== VENDOR TOTALS ===				25.00			



PACKET: 01823 PAYABLES AUGUST 20  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
01-0563		MID CITY SERVICES- INDUSTRIAL				
I-85989		MID CITY SERVICES- INDUSTRIAL	41.32			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018		1099: N		
		FLOOR MATS		101 4131-70110-000	SUPPLIES	41.32
		=== VENDOR TOTALS ===	41.32			
01-05676		OFFICE DEPOT				
I-201808206824		OFFICE DEPOT	447.64			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018		1099: N		
		STAPLES&REMOVERS BADGES PEN		101 4112-70100-000	SUPPLIES	431.05
		9G2 GEL PEN		101 4112-70100-000	SUPPLIES	16.59
		=== VENDOR TOTALS ===	447.64			
01-06030		OLSON,ROLAND				
I-201808206826		OLSON,ROLAND	105.25			
8/20/2018	APBNK	DUE: 8/20/2018 DISC: 8/20/2018		1099: N		
		GENERAL FUND FLEX PAYMENT		101 21712-000	MEDICAL FLEX SAVINGS PAY	87.36
		SANITARY FLEX PAYMENT		601 21712-000	MEDICAL FLEX SAVINGS PAY	15.79
		STORM FLEX PAYMENT		602 21712-000	MEDICAL FLEX SAVINGS PAY	2.10
		=== VENDOR TOTALS ===	105.25			
		=== PACKET TOTALS ===	1,450.72			

PACKET: 01825 PAYABLES AUGUST 24  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
01 00		BEISSWENGER'S				
I-201808226830		BEISSWENGER'S	493.89			
8/22/2018	APBNK	DUE: 8/22/2018 DISC: 8/22/2018		1099: N		
		BEISSWENGER'S		101 4141-70100-000	SUPPLIES	483.91
		BEISSWENGER'S		101 4141-70100-000	SUPPLIES	9.98
		=== VENDOR TOTALS ===	493.89			
01-00883		BOEHM HEATING COMPANY				
I-201808226831		BOEHM HEATING COMPANY	61.00			
8/22/2018	APBNK	DUE: 8/22/2018 DISC: 8/22/2018		1099: N		
		REFUND MECHANICAL PERMIT		101 32220-000	MECHANICAL PERMITS	60.00
		REFUND MECHANICAL PERMIT SURGE		101 20801-000	DUE TO OTHER GOVERNMENTS	1.00
		=== VENDOR TOTALS ===	61.00			
01-03001		CAMPBELL KNOTSON				
I-201808246835		CAMPBELL KNOTSON	3,465.66			
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: Y		
		JULY GENERAL MATTERS		101 4114-80200-000	LEGAL FEES	385.50
		JULY LEGALS CALIFORNIA		101 4114-80200-000	LEGAL FEES	3,080.16
		=== VENDOR TOTALS ===	3,465.66			
01-03122		CITY OF ST PAUL				
I-IN00030186		CITY OF ST PAUL	392.64			
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: N		
		ASPHALT MIX-11		101 4132-75000-000	BITUMINOUS PATCHING	392.64
		=== VENDOR TOTALS ===	392.64			
01-03530		DATA FLOW				
I-29234		DATA FLOW	67.65			
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: N		
		W2S, W3S,1099 MISC		101 4113-70100-000	SUPPLIES	67.65
		=== VENDOR TOTALS ===	67.65			

PACKET: 01825 PAYABLES AUGUST 24  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #			
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----		DISTRIBUTION
01 082		MENARDS					
I-201808246834		MENARDS	1,466.48				
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: N			
		SUPPLIES:SAFETY GLAS TOWEL COR		101 4124-70100-000	SUPPLIES		178.12
		SUPPLIES:GRY WHL		101 4131-70110-000	SUPPLIES		59.28
		PAVILION:CONCRETE CASTK, CEDAR		101 4141-87120-000	FACILITIES & GROUND MAIN		1,229.08
		=== VENDOR TOTALS ===	1,466.48				
01-06024		ON SITE SANITATION					
I-634371		ON SITE SANITATION	75.00				
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: N			
		PARKS PORTABLE TOILETS		601 4601-85080-000	PORTABLE TOILET PARKS		75.00
		=== VENDOR TOTALS ===	75.00				
01-06117		PRO HYDRO-TESTING LLC					
I-103022		PRO HYDRO-TESTING LLC	1,523.00				
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: N			
		PRO HYDRO-TESTING LLC		101 4124-87029-000	REPAIR OTHER EQUIPMENT		1,523.00
		=== VENDOR TOTALS ===	1,523.00				
01-05812		SORENSEN CONSULTING					
I-201808246833		SORENSEN CONSULTING	900.00				
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: N			
		APPLICANT SCREENING		101 4112-80330-000	CONSULTANT		900.00
		=== VENDOR TOTALS ===	900.00				
01 095		ST. PAUL WATER UTILITY					
I-201808226829		ST. PAUL WATER UTILITY	349.27				
8/22/2018	APBNK	DUE: 8/22/2018 DISC: 8/22/2018		1099: N			
		WATERMARK UTILITY BILL FORWARD		601 34180-000	SANITARY SEWER CHARGE		349.27
I-201808246837		ST. PAUL WATER UTILITY	349.27				
8/24/2018	APBNK	DUE: 8/24/2018 DISC: 8/24/2018		1099: N			
		WATERMARK UTILITY BILL FORWARD		601 34180-000	SANITARY SEWER CHARGE		349.27
		=== VENDOR TOTALS ===	698.54				
		=== PACKET TOTALS ===	9,143.86				

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-00220	ALEX AIR APPARATUS INC					
I-INV-37570		ALEX AIR APPARATUS INC	72.50			
8/29/2018	APBNK	DUE: 8/29/2018 DISC: 8/29/2018		1099: N		
		ALEX AIR APPARATUS INC		101 4124-87029-000	REPAIR OTHER EQUIPMENT	72.50
		=== VENDOR TOTALS ===	72.50			
=====						
01-00875	BHE COMMUNITY SOLAR, LLC					
I-201808296846		BHE COMMUNITY SOLAR, LLC	803.06			
8/29/2018	APBNK	DUE: 8/29/2018 DISC: 8/29/2018		1099: N		
		JULY SOLAR ELECTRIC		101 4131-85025-000	SOLAR ELECTRIC	803.06
		=== VENDOR TOTALS ===	803.06			
=====						
01-05422	BP					
I-201808276843		BP	811.98			
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N		
		STREET SWEEPING FUEL		602 4602-74000-000	FUEL & LUBRICANTS	168.00
		TRUCKS FUEL		101 4132-74000-000	MOTOR FUEL & LUBRICANTS	570.24
		FIRE DEPT		101 4124-74000-000	MOTOR FUEL & LUBRICANTS	73.74
		=== VENDOR TOTALS ===	811.98			
=====						
01-03108	CERTIFIED LABORATORIES					
I-3240966		CERTIFIED LABORATORIES	534.71			
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N		
		SUPPLIES;4X80 LB BAGS; OIL XTR		101 4132-70120-000	SUPPLIES	534.71
		=== VENDOR TOTALS ===	534.71			
=====						
01-06290	CITY OF ROSEVILLE					
I-201808276838		CITY OF ROSEVILLE	9,598.80			
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N		
		AUGUST IT SERVICES		101 4116-85070-000	TECHNICAL SUPPORT	1,337.05
		AUGUST IT SERVICES		101 4124-85070-000	NETWORK/TECH SUPPORT(I-N	875.16
		AUGUST IT SERVICES		101 4132-85070-000	NETWORK/TECH SUPPORT(I-N	218.79
		JULY PROJECT 17-07		427 4427-92098-000	2017 STREET PROJECT - GR	667.60
		JULY ENGINEERING SERVICES		101 4133-80100-000	ENGINEERING SERVICES	2,259.65
		JUNE PROJECT 17-07		427 4427-92098-000	2017 STREET PROJECT - GR	3,511.05
		JUNE ENGINEERING SERVICES		101 4133-80100-000	ENGINEERING SERVICES	413.69
		AUGUST PHONE SERVICES		101 4116-85010-000	TELEPHONE	315.81
		=== VENDOR TOTALS ===	9,598.80			

-----ID-----			GROSS	P.O. #			
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----		DISTRIBUTION
=====							
01-05665		METROPOLITAN COUNCIL					
I-1078683		METROPOLITAN COUNCIL	39,846.43				
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N			
		APRIL SANITARY SEWER		601 4601-85060-000	METRO SEWER CHARGES		39,846.43
		=== VENDOR TOTALS ===	39,846.43				
=====							
01-05843		MN NCPERS LIFE INSURANCE					
I-201808276842		MN NCPERS LIFE INSURANCE	128.00				
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N			
		AUGUST LIFE INSURANCE		101 21709-000	OTHER PAYABLE		36.64
		AUGUST LIFE INSURANCE		201 21709-000	OTHER PAYABLE		4.00
		AUGUST LIFE INSURANCE		204 21709-000	OTHER PAYABLE		1.60
		AUGUST LIFE INSURANCE		601 21709-000	OTHER PAYABLE		15.52
		AUGUST LIFE INSURANCE		602 21709-000	OTHER PAYABLE		6.24
		SEPTEMBER LIFE INSURANCE		101 21709-000	OTHER PAYABLE		36.64
		SEPTEMBER LIFE INSURANCE		201 21709-000	OTHER PAYABLE		4.00
		SEPTEMBER LIFE INSURANCE		204 21709-000	OTHER PAYABLE		1.60
		SEPTEMBER LIFE INSURANCE		601 21709-000	OTHER PAYABLE		15.52
		SEPTEMBER LIFE INSURANCE		602 21709-000	OTHER PAYABLE		6.24
		=== VENDOR TOTALS ===	128.00				
=====							
01-07263		NEXTEL COMMUNICATIONS, INC					
I-610189225-182		NEXTEL COMMUNICATIONS, INC	121.85				
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N			
		NEXTEL COMMUNICATIONS, INC		101 4131-85015-000	CELL PHONE		121.85
		=== VENDOR TOTALS ===	121.85				
=====							
01-06030		OLSON, ROLAND					
I-201808276840		REIMB MILEAGE	44.80				
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N			
		REIMB MILEAGE		101 4112-86010-000	MILEAGE & PARKING		44.80
		=== VENDOR TOTALS ===	44.80				
=====							
01-06152		RAMY TURF PRODUCTS					
I-OP5840906		RAMY TURF PRODUCTS	120.00				
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N			
		GRASS SEED		101 4141-70100-000	SUPPLIES		120.00
		=== VENDOR TOTALS ===	120.00				

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-06544	TIM SANDVIK					
I-201808276839		TIM SANDVIK	110.43			
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N		
		MILEAGE REIMB		101 4112-86010-000	MILEAGE & PARKING	70.43
		MILEAGE REIMB		101 4131-85015-000	CELL PHONE	40.00
		=== VENDOR TOTALS ===	110.43			
=====						
01-00935	ST PAUL REGIONAL WATER SERVICE					
I-201808276841		ST PAUL REGIONAL WATER SERVIC	635.84			
8/27/2018	APBNK	DUE: 8/27/2018 DISC: 8/27/2018		1099: N		
		CITY HALL WATER		101 4131-85040-000	WATER	67.62
		CITY HALL SS		101 4131-85070-000	SEWER	24.14
		COMMUNITY PARK WATER		101 4141-85040-000	WATER	337.10
		COMMUNITY PARK SS		101 4141-85070-000	SEWER	206.98
I-201808296845		ST PAUL REGIONAL WATER SERVIC	349.27			
8/29/2018	APBNK	DUE: 8/29/2018 DISC: 8/29/2018		1099: N		
		WATERMARK UTILITY FORWARD		601 34180-000	SANITARY SEWER CHARGE	349.27
		=== VENDOR TOTALS ===	985.11			
=====						
01-06581	TRI-STATE BOBCAT INC					
I-A47266		TRI-STATE BOBCAT INC	131.28			
8/29/2018	APBNK	DUE: 8/29/2018 DISC: 8/29/2018		1099: N		
		FUEL FILTER, HYD FILTER		101 4132-70120-000	SUPPLIES	131.28
		=== VENDOR TOTALS ===	131.28			
=====						
01-05870	XCEL ENERGY					
I-201808296847		XCEL ENERGY	72.53			
8/29/2018	APBNK	DUE: 8/29/2018 DISC: 8/29/2018		1099: N		
		ELECTFAIRVIEW		209 4209-85020-000	STREET LIGHTING POWER	16.78
		ELECT IDAHO		209 4209-85020-000	STREET LIGHTING POWER	55.75
		=== VENDOR TOTALS ===	72.53			
		=== PACKET TOTALS ===	53,381.48			

PACKET: 01830 Payables Sep 4th  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-05729		ALLIED MEDICAL TRAINING				
I-1334		ALLIED MEDICAL TRAINING	1,500.00			
9/04/2018	APBNK	DUE: 9/04/2018 DISC: 9/04/2018		1099: N		
		EMT TRAINING SEP12-NOV28-RAVEN		101 4124-86020-000	TRAINING	1,500.00
		=== VENDOR TOTALS ===	1,500.00			
=====						
01-00250		AMERIPRIDE SERVICES				
I-1004238203		AMERIPRIDE SERVICES	53.15			
9/04/2018	APBNK	DUE: 9/04/2018 DISC: 9/04/2018		1099: N		
		LAUNDRY SERVICES, TOWEL COLLEC		101 4124-82011-000	LINEN CLEANING	53.15
		=== VENDOR TOTALS ===	53.15			
=====						
01-05653		FIRST DUE FIRE TRAINING				
I-18		FIRST DUE FIRE TRAINING	300.00			
9/04/2018	APBNK	DUE: 9/04/2018 DISC: 9/04/2018		1099: N		
		RIT:PACKAGING, FF REMOVALS		101 4124-86020-000	TRAINING	300.00
		=== VENDOR TOTALS ===	300.00			
=====						
01-05243		HINRICHS,RICH				
I-201809046849		HINRICHS,RICH	484.23			
9/04/2018	APBNK	DUE: 9/04/2018 DISC: 9/04/2018		1099: N		
		HAND WASH, STATION SUPPLIES		101 4124-70100-000	SUPPLIES	27.17
		UNIFORM CLOTHING		101 4124-77000-000	CLOTHING	199.97
		PALLET JACK TRUCKTRAINING		101 4124-86020-000	TRAINING	257.09
		=== VENDOR TOTALS ===	484.23			
=====						
01-05725		LEGACY ATHLETIC				
I-IN18951043		LEGACY ATHLETIC	382.13			
9/04/2018	APBNK	DUE: 9/04/2018 DISC: 9/04/2018		1099: N		
		FD SPACER MESH		101 4124-77000-000	CLOTHING	382.13
		=== VENDOR TOTALS ===	382.13			
=====						
01-05263		MID CITY SERVICES- INDUSTRIAL				
I-86473		MID CITY SERVICES- INDUSTRIAL	41.32			
9/04/2018	APBNK	DUE: 9/04/2018 DISC: 9/04/2018		1099: N		
		FLOOR MATS		101 4131-70110-000	SUPPLIES	41.32
		=== VENDOR TOTALS ===	41.32			

PACKET: 01830 Payables Sep 4th  
VENDOR SET: 01 City of Falcon Heights  
SEQUENCE : ALPHABETIC  
DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
01-06184	RAMSEY COUNTY	- POLICE AND 911				
I-SHRFL001724		RAMSEY COUNTY - POLICE AND 91	82,692.72			
9/04/2018	APBNK	DUE: 9/04/2018 DISC: 9/04/2018		1099: N		
		SEP POLICE SERVICES		101 4122-81000-000	POLICE SERVICES	82,692.72
		=== VENDOR TOTALS ===	82,692.72			
		=== PACKET TOTALS ===	85,453.55			



9/07/2018 11:31 AM  
 PACKET: 01834 PAYABLES SEP 7TH  
 VENDOR SET: 01 City of Falcon Heights  
 SEQUENCE : ALPHABETIC  
 DUE TO/FROM ACCOUNTS SUPPRESSED

-----ID-----			GROSS	P.O. #		
POST DATE	BANK CODE	-----DESCRIPTION-----	DISCOUNT	G/L ACCOUNT	-----ACCOUNT NAME-----	DISTRIBUTION
=====						
01-05273		MN PUBLIC EMPLOYEES INSURANCE				
I-750998		MN PUBLIC EMPLOYEES INSURANCE	9,210.28			
9/07/2018	APBNK	DUE: 9/07/2018 DISC: 9/07/2018		1099: N		
		MN PUBLIC EMPLOYEES INSURANCE		101 4112-89000-000	MISCELLANEOUS	9,210.28
=== VENDOR TOTALS ===			9,210.28			
=====						
01-05901		N-FLATABLES				
I-201809076859		N-FLATABLES	3,439.00			
9/07/2018	APBNK	DUE: 9/07/2018 DISC: 9/07/2018		1099: N		
		1/2 FIRE STATION INFLATABLES		101 4124-70120-000	TOOLS & SUPPLIES	1,719.50
		1/2 FIRE STATION INFLATABLES		101 4116-89010-000	SPECIAL EVENTS	1,719.50
=== VENDOR TOTALS ===			3,439.00			
=== PACKET TOTALS ===			12,649.28			

EMP #	NAME	AMOUNT
01-0013	PETER C LINDSTROM	304.93
01-0022	RANDALL C GUSTAFSON	262.05
01-0023	MELANIE M LEEHY	262.05
01-0024	MARK J MIAZGA	262.05
01-1005	SACK THONGVANH	3,198.63
01-1017	TIMOTHY J SANDVIK	1,736.07
01-1020	AMANDA P LOR	1,270.70
01-1136	ROLAND O OLSON	2,484.60
01-2154	MAUREEN A ANDERSON	101.51
01-0086	RICHARD H HINRICHS	884.82
01-0095	MICHAEL J POESCHL	199.97
01-0097	PATRICK GAFFNEY	128.61
01-0105	ANTON M FEHRENBACH	347.91
01-0123	BRYAN R SULLIVAN	92.24
01-0124	MICHAEL D KRUSE	126.40
01-2240	TIMOTHY P TWOHY	903.54
01-2247	THOMAS J DEMARS	868.68
01-1030	TIMOTHY J PITTMAN	2,062.95
01-1033	DAVE TRETSEVEN	1,626.64
01-1143	COLIN B CALLAHAN	1,614.32

TOTAL PRINTED: 20 18,738.67

8-28-2018 8:25 AM PAYROLL CHECK REGISTER  
 PAYROLL NO: 01 City of Falcon Heights

PAGE: 1  
 PAYROLL DATE: 8/28/2018

EMP NO	EMPLOYEE NAME	TYPE	CHECK DATE	CHECK AMOUNT	CHECK NO.
116	JINZE, LI	R	8/28/2018	506.80	087851
00	KURHAJETZ, CLEMENT	R	8/28/2018	105.05	087852
22	WASSON, LUKE D	R	8/28/2018	30.47	087853
2254	HART, KELLY M	R	8/28/2018	30.47	087854
2255	HUBERT, BRADEN R	R	8/28/2018	30.47	087855
2256	WALCZAK, EVAN	R	8/28/2018	30.47	087856

8-28-2018 8:25 AM PAYROLL CHECK REGISTER  
 PAYROLL NO: 01 City of Falcon Heights

PAGE: 2  
 PAYROLL DATE: 8/28/2018

\*\*\* REGISTER TOTALS \*\*\*

REGULAR CHECKS:	6	733.73
DIRECT DEPOSIT REGULAR CHECKS:	20	18,738.67
MANUAL CHECKS:		
PRINTED MANUAL CHECKS:		
DIRECT DEPOSIT MANUAL CHECKS:		
VOIDED CHECKS:		
NON CHECKS:		
TOTAL CHECKS:	26	19,472.40

\*\*\* NO ERRORS FOUND \*\*\*

\*\* END OF REPORT \*\*



*The City That Soars!*

## REQUEST FOR COUNCIL ACTION

<b>Meeting Date</b>	September 12, 2018
<b>Agenda Item</b>	Consent F2
<b>Attachment</b>	Resolution
<b>Submitted By</b>	Sack Thongvanh, City Administrator

<b>Description</b>	Appointment of Julie Stegman to the Community Engagement Commission
<b>Background</b>	<p><b>Julie Stegman</b></p> <p>Street Address: 1860 Snelling Ave. N  City, State, Zip Code: Falcon Heights MN 55113</p> <p><b>How Long at Above Address?</b>  2 years</p> <p><b>In Which Capacity Would You Like to Serve?</b>  Community Engagement Commission</p> <p><b>What is the Reason You Would Like to Serve?</b>  I've loved living in Falcon Heights and getting to know my neighbors. I'd like to help others have the same opportunities by creating spaces where we can all come together to gather as a community.</p> <p><b>List Prior (Previous) Public Service:</b>  NA</p> <p><b>Other Relevant Background (Other Comments):</b>  Part of my current job at Hope Community Church is to connect people to each other and to the larger church community. One of the ways I do that is through community events. I've planned countless events in my 5 years at Hope Community, some of which had over 200 people attend.</p>
<b>Budget Impact</b>	N/A
<b>Attachment(s)</b>	<ul style="list-style-type: none"> <li>· Resolution 18-23 Approve Appointment of Julie Stegman to the Community Engagement Commission</li> </ul>

<b>Action(s) Requested</b>	Staff recommends approval of attached resolution and appoint Julie Stegman to the Community Engagement Commission.
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**CITY OF FALCON HEIGHTS  
COUNCIL RESOLUTION**

September 12, 2018

No. 18-23

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**RESOLUTION APPOINTING JULIE STEGMAN TO THE COMMUNITY ENGAGEMENT  
COMMISSION**

WHEREAS, the City Council consolidated the Human Rights Commission with the Neighborhood Commission to establish the Community Engagement Commission in 2015;

WHEREAS, The community engagement commission shall serve in an advisory capacity to the city council regarding the effective, meaningful and equal involvement of Falcon Heights residents in their community. The commission will identify opportunities to collaborate with community, educational, business and social services groups and organizations; identify ways to improve the city's public participation, identify under-represented groups, remove any barriers, and engage and promote increased participation for all residents, businesses, community and neighborhood organizations; review and recommend ways to improve the city's communications efforts so as to facilitate effective two-way communication between the city and all residents, businesses, community and neighborhood organizations; review and recommend ways to help improve resident emergency preparedness and crime prevention programs.

The commission shall review complaints of alleged human rights violations occurring within the city and secure equal opportunity for all residents of the city regarding public services, public accommodations, housing, employment and education.

WHEREAS, City Staff, Commission Chair and the Mayor has interviewed Julie Stegman and recommends appointment to the Falcon Heights Community Engagement Commission.

**NOW THEREFORE BE IT RESOLVED** by the City Council of the City of Falcon Heights, Minnesota:

1. That the appointment is approved and adopted by the City Council of the City of Falcon Heights.

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Moved by:

Approved by: \_\_\_\_\_  
Peter Lindstrom  
Mayor

LINDSTROM           \_\_\_ In Favor  
GUSTAFSON  
VACANT SEAT       \_\_\_ Against  
MELANIE LEEHY  
MARK MIAZGA

Attested by: \_\_\_\_\_  
Sack Thongvanh  
City Administrator

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## REQUEST FOR COUNCIL ACTION

<b>Meeting Date</b>	September 12, 2018
<b>Agenda Item</b>	Consent F3
<b>Attachment</b>	N/A
<b>Submitted By</b>	Sack Thongvanh, City Administrator

<b>Description</b>	Purchase Squad Car from 2018 Approval of Contract
<b>Background</b>	The Contracted Cities determined that the portion of capital expense for including the City into the Contracted Cities Group was to purchase one squad car. We will then be integrated into the capital replacement plan for equipment and vehicles.
<b>Budget Impact</b>	The cost will come from capital for \$56,025.90.
<b>Attachment(s)</b>	· Invoice
<b>Action(s) Requested</b>	Staff recommends approval and authorize the City Administrator to expend \$56,025.90.

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**Sheriff-Patrol Division**

Invoice No: SHRFP-002068  
 Invoice Date: 8/16/18  
 Page: 1 of 1

**Please Remit To:**

Ramsey County  
 90 Plato Blvd W  
 PO Box 64097  
 St Paul MN 55164-0097  
 USA

Customer Number: 101131  
 Payment Terms: Immediate  
 Due Date: 8/16/18

**AMOUNT DUE: 56,025.90 USD**

**Bill To:**

CITY OF FALCON HEIGHTS  
 2077 LARPEN TEUR AVENUE WEST  
 FALCON HEIGHTS MN 55113  
 United States

**Amount Remitted**

For billing questions, please call 651-266-9386

Original

Line	Identifier	Description	Quantity	UOM	Unit Amt	Net Amount
1	RC SHERIFF	NEW SQUAD	1.00		56,025.90	56,025.90
		REIMBURSMENT FOR THE SET UP COST FOR SQUAD 29807 FOR THE CITY OF FALCON HEIGHTS.				
		<b>Subtotal:</b>				56,025.90
		<b>Amount Due:</b>				<b>56,025.90</b>

**Please return the top portion of the invoice with your check payable to Ramsey County**

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*The City That Soars!*

## REQUEST FOR COUNCIL ACTION

<b>Meeting Date</b>	September 12, 2018
<b>Agenda Item</b>	Consent F4
<b>Attachment</b>	N/A
<b>Submitted By</b>	Sack Thongvanh, City Administrator

<b>Description</b>	Small Wireless Facilities Application Fee
<b>Background</b>	To establish a fee for the Small Wireless Facilities Application.
<b>Budget Impact</b>	N/A
<b>Attachment(s)</b>	<ul style="list-style-type: none"> <li>· Small Wireless Facilities Application</li> </ul>
<b>Action(s) Requested</b>	Staff would recommend a motion by the City Council to establish a fee of \$100 for Small Wireless Facilities. All other fee still apply.

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POLE LICENSE AGREEMENT FOR WIRELESS ATTACHMENTS

EXHIBIT C

POLE PERMIT APPLICATION

Xcel Energy # WD-57

Notify # 567852  
 Licensee # MS90XSE50D  
 Mob ID # 9MNB001051

This Pole Permit Application (PPA) is made to the Pole License Agreement for Wireless Attachments between Northern States Power Company d/b/a Xcel Energy (“Electric Company”) and Mobilitie Investments III, LLC (“Licensee”), dated February 6, 2015. Capitalized terms used in this PPA have the same meaning as such terms in the Pole License Agreement unless otherwise indicated.

A. To be completed by Licensee: Application is made for a permit to make attachments as follows:

1. Asset Address: 1701 Arona St Falcon Heights, MN 55113
3. Asset Latitude and Longitude: 44.992316, -93.164667; Pole ID No. 37079976
4. Licensee Contact for Emergencies: NOC - (877) 244-7889
5. Description of proposed attachment (including drawings, signed and stamped by a Professional Engineer where applicable, of the Equipment and the manner in which the Equipment will be attached to the Assets): See Construction Drawings
6. Equipment Description (include antenna model numbers and attach spec. sheets): Antenna Model No. SCA-OM-360Fx-Q-H2

BILL OF MATERIALS							
QTY.	DESCRIPTION	MANUFACTURER	MODEL NUMBER	AZIMUTH	CABLE	DIMENSIONS (HxWxD)	WEIGHT
1	ANTENNA	CCI	SCA-OM-360Fx-Q-H2	0°	27'-3"±	20.9" X 4" DIAMETER	3.2 LBS
1	UE RELAY	AIRSPAN	IR460-SPB-ST-1-P-0	185°	3'±	13" X 7" DIAMETER	8.8 LBS
—	—	—	—	—	—	—	—
1	GPS	TALLYSMAN	GPS-ANT-3	—	—	2" X 2.6" DIAMETER	0.3 LBS
1	RADIO	AIRSPAN	HAR40-EFCN-U41-B06AP1	—	3'±	20.1" x 9" x 8.9"	41.9 LBS
1	RF FILTER	AIRSPAN	HAR40-FLTR-KIT-U41L	—	—	10.6" X 4.4" X 3.73"	6.5 LBS
1	AC DISTRIBUTION PANEL	TRANSECTOR	1101-1207-1012	—	1'±	12" X 12" X 4"	17 LBS
1	NEMA TYPE-3R DISCONNECT	SIEMENS	GF222NR (EXAMPLE)	—	1'±	15.45" X 8.7" X 5.95"	14 LBS
1	METER SOCKET	MILBANK	U4801-XL-579 (EXAMPLE)	—	X'±	19" X 13" X 4.84"	21 LBS

7. Radio Frequency Information:
  - RF Emissions Report: Attach report by a qualified engineer regarding radio frequency (“RF”) power and approach distance information for each device type based on the operating characteristics and configuration of the device(s). The report must include the calculated RF Approach Distance / Compliance Boundary Uncontrolled (feet/inches) and RF Approach Distance / Compliance Boundary Controlled (feet/inches) in direction of highest energy output. Report Attached
  - Radio Frequency (Megahertz): 2500 MHz

- Power Input to Antenna, 40 Watts
- Power Gain of Antenna (dbi), 8.7 dbi
- Power Density (S) (milliwatts/centimeter<sup>2</sup>), G: 0.0070 mW/cm<sup>2</sup> A: 1.1420mW/cm<sup>2</sup>
- Maximum Effective Isotropic Radiated Power (EIRP) (milliwatts) 296524.1 milliwatts


8. RF Hazard Signage: Attach example of proposed RF hazard signage to be placed on pole See sheet EQ-2 of the Construction Drawings
9. Special provisions: All installation and maintenance work on Licensee Equipment located in the electric supply space must be performed by contractors under contract with Xcel Energy. Additionally, Licensee is to provide a minimum of 48 hour notice prior to performing any such work. Such notice is to be submitted by e-mail to tom.breuckman@xcelenergy.com confirming the location and description of the work to be performed.


B. To be completed by Company: Permit will be granted as follows:

1. Commencement Date: 2-13-2018
2. Term: Concurrent with Master License Agreement.
3. Company Contact for Emergencies or Access: 1.800.895.1999
4. Modifications needed: Pole top extension 10' Arm Transfer

Mobilite Investments III, LLC

Northern States Power Company d/b/a Xcel Energy

By: 

By: 

Name: Shemicka White

Name: Tom Breuckman

Title: NRE Specialist

Title: Manager, Facility Attachments

Date: 2/9/2018

Date: 2-13-2018







PROJECT NO.:	MS00XSE00
DRAWN BY:	JA
CHECKED BY:	GRB

DATE:	10/23/2018	POLE EXTENSION REVISION
DATE:	11/13/2017	FOR REVIEW

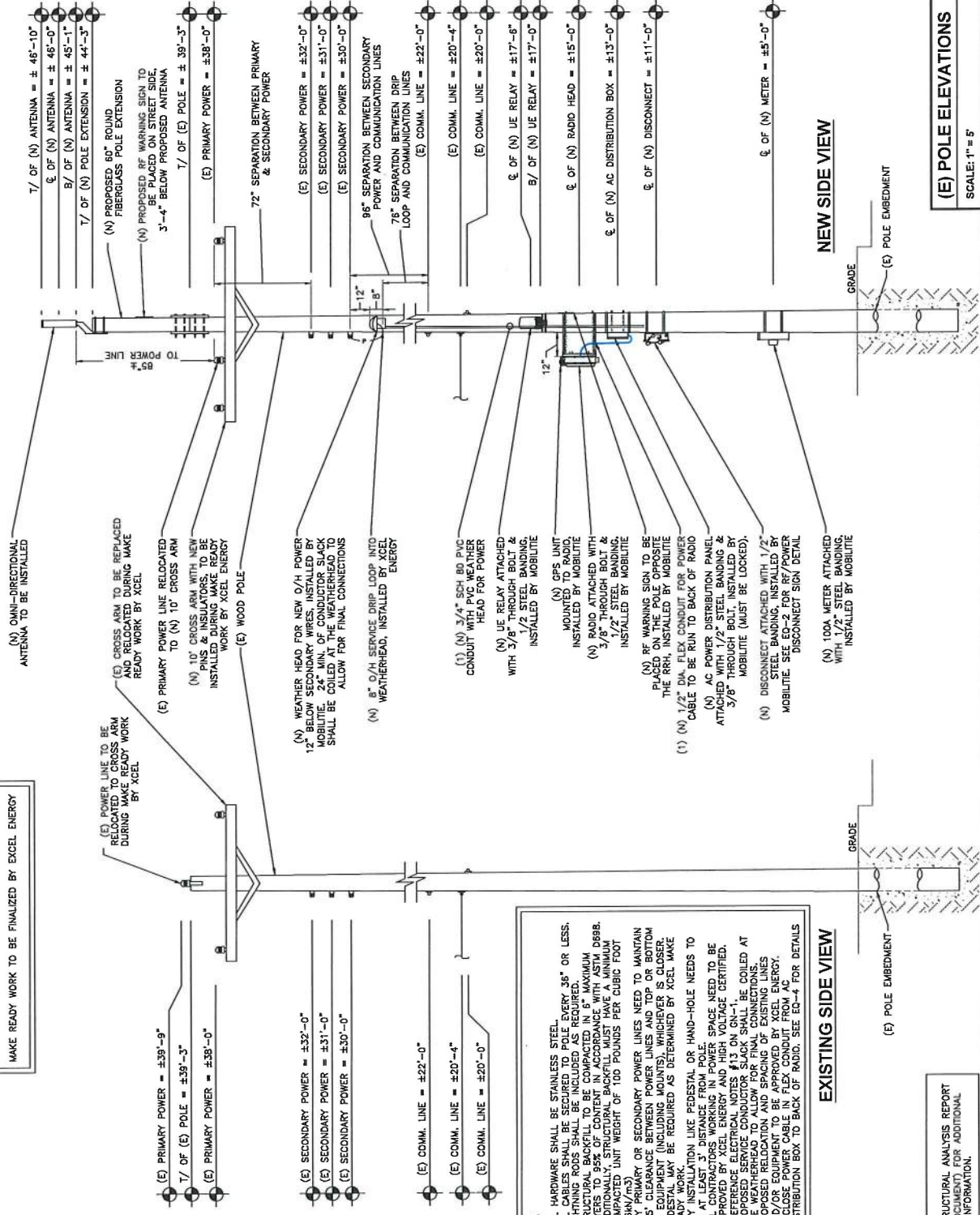
THIS IS A MODIFICATION OF THE PLAN FOR ANY PREVIOUS REVISIONS TO THE PROJECT. THE DESIGN OF A NUMBERED PROFESSIONAL ENGINEER'S SEAL IS REQUIRED FOR ALL REVISIONS TO THIS DOCUMENT.

MS00XSE00  
9MNB001051D  
1701 Arona St  
FALCON HEIGHTS, MN 55113  
(E) 39'-3" UTILITY POLE

SHEET TITLE  
POLE ELEVATIONS

SHEET NUMBER  
EV-1

NOTE:  
MAKE READY WORK TO BE FINALIZED BY EXCEL ENERGY



(N) OMNI-DIRECTIONAL ANTENNA TO BE INSTALLED

T/ OF (N) ANTENNA = ± 46'-10"

∅ OF (N) ANTENNA = ± 46'-0"

B/ OF (N) ANTENNA = ± 45'-1"

T/ OF (N) POLE EXTENSION = ± 44'-3"

(N) PROPOSED 60" ROUND FIBERGLASS POLE EXTENSION

(N) PROPOSED 60" ROUND FIBERGLASS POLE EXTENSION

(N) PROPOSED 60" ROUND FIBERGLASS POLE EXTENSION

(N) PROPOSED 60" ROUND FIBERGLASS POLE EXTENSION

(N) PROPOSED 60" ROUND FIBERGLASS POLE EXTENSION

(N) PROPOSED 60" ROUND FIBERGLASS POLE EXTENSION

(N) PROPOSED 60" ROUND FIBERGLASS POLE EXTENSION

(E) CROSS ARM TO BE REPLACED WITH 10" CROSS ARM DURING MAKE READY WORK BY XCEL

(E) CROSS ARM TO BE REPLACED WITH 10" CROSS ARM DURING MAKE READY WORK BY XCEL

(E) CROSS ARM TO BE REPLACED WITH 10" CROSS ARM DURING MAKE READY WORK BY XCEL

(E) CROSS ARM TO BE REPLACED WITH 10" CROSS ARM DURING MAKE READY WORK BY XCEL

(E) CROSS ARM TO BE REPLACED WITH 10" CROSS ARM DURING MAKE READY WORK BY XCEL

(E) CROSS ARM TO BE REPLACED WITH 10" CROSS ARM DURING MAKE READY WORK BY XCEL

(E) PRIMARY POWER LINE RELOCATED TO (N) 10" CROSS ARM

(E) PRIMARY POWER LINE RELOCATED TO (N) 10" CROSS ARM

(E) PRIMARY POWER LINE RELOCATED TO (N) 10" CROSS ARM

(E) PRIMARY POWER LINE RELOCATED TO (N) 10" CROSS ARM

(E) PRIMARY POWER LINE RELOCATED TO (N) 10" CROSS ARM

(E) PRIMARY POWER LINE RELOCATED TO (N) 10" CROSS ARM

(N) 40" CROSS ARM WITH NEW PINS & INSULATORS TO BE INSTALLED DURING MAKE READY WORK BY XCEL ENERGY

(N) 40" CROSS ARM WITH NEW PINS & INSULATORS TO BE INSTALLED DURING MAKE READY WORK BY XCEL ENERGY

(N) 40" CROSS ARM WITH NEW PINS & INSULATORS TO BE INSTALLED DURING MAKE READY WORK BY XCEL ENERGY

(N) 40" CROSS ARM WITH NEW PINS & INSULATORS TO BE INSTALLED DURING MAKE READY WORK BY XCEL ENERGY

(N) 40" CROSS ARM WITH NEW PINS & INSULATORS TO BE INSTALLED DURING MAKE READY WORK BY XCEL ENERGY

(N) 40" CROSS ARM WITH NEW PINS & INSULATORS TO BE INSTALLED DURING MAKE READY WORK BY XCEL ENERGY

(E) WOOD POLE

(E) WOOD POLE

(E) WOOD POLE

(E) WOOD POLE

(E) WOOD POLE

(E) WOOD POLE

(N) WEATHER HEAD FOR NEW O/H POWER 12" BELOW SECONDARY WIRES INSTALLED BY MOBILITE. ALL WIRE ENDS SHALL BE COILED AT THE WEATHERHEAD TO ALLOW FOR FINAL CONNECTIONS

(N) WEATHER HEAD FOR NEW O/H POWER 12" BELOW SECONDARY WIRES INSTALLED BY MOBILITE. ALL WIRE ENDS SHALL BE COILED AT THE WEATHERHEAD TO ALLOW FOR FINAL CONNECTIONS

(N) WEATHER HEAD FOR NEW O/H POWER 12" BELOW SECONDARY WIRES INSTALLED BY MOBILITE. ALL WIRE ENDS SHALL BE COILED AT THE WEATHERHEAD TO ALLOW FOR FINAL CONNECTIONS

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(N) WEATHER HEAD FOR NEW O/H POWER 12" BELOW SECONDARY WIRES INSTALLED BY MOBILITE. ALL WIRE ENDS SHALL BE COILED AT THE WEATHERHEAD TO ALLOW FOR FINAL CONNECTIONS

(N) WEATHER HEAD FOR NEW O/H POWER 12" BELOW SECONDARY WIRES INSTALLED BY MOBILITE. ALL WIRE ENDS SHALL BE COILED AT THE WEATHERHEAD TO ALLOW FOR FINAL CONNECTIONS

(N) 8" O/H SERVICE DRIP LOOP INTO WEATHERHEAD, INSTALLED BY XCEL ENERGY

(N) 8" O/H SERVICE DRIP LOOP INTO WEATHERHEAD, INSTALLED BY XCEL ENERGY

(N) 8" O/H SERVICE DRIP LOOP INTO WEATHERHEAD, INSTALLED BY XCEL ENERGY

(N) 8" O/H SERVICE DRIP LOOP INTO WEATHERHEAD, INSTALLED BY XCEL ENERGY

(N) 8" O/H SERVICE DRIP LOOP INTO WEATHERHEAD, INSTALLED BY XCEL ENERGY

(N) 8" O/H SERVICE DRIP LOOP INTO WEATHERHEAD, INSTALLED BY XCEL ENERGY

(1) (N) 3/4" SCH 80 PVC CONDUIT WITH PVC WEATHER HEAD FOR POWER

(1) (N) 3/4" SCH 80 PVC CONDUIT WITH PVC WEATHER HEAD FOR POWER

(1) (N) 3/4" SCH 80 PVC CONDUIT WITH PVC WEATHER HEAD FOR POWER

(1) (N) 3/4" SCH 80 PVC CONDUIT WITH PVC WEATHER HEAD FOR POWER

(1) (N) 3/4" SCH 80 PVC CONDUIT WITH PVC WEATHER HEAD FOR POWER

(1) (N) 3/4" SCH 80 PVC CONDUIT WITH PVC WEATHER HEAD FOR POWER

(N) UE RELAY ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) UE RELAY ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) UE RELAY ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

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(N) UE RELAY ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) UE RELAY ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) GRS UNIT MOUNTED TO RADIO INSTALLED BY MOBILITE

(N) GRS UNIT MOUNTED TO RADIO INSTALLED BY MOBILITE

(N) GRS UNIT MOUNTED TO RADIO INSTALLED BY MOBILITE

(N) GRS UNIT MOUNTED TO RADIO INSTALLED BY MOBILITE

(N) GRS UNIT MOUNTED TO RADIO INSTALLED BY MOBILITE

(N) GRS UNIT MOUNTED TO RADIO INSTALLED BY MOBILITE

(N) RADIO ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) RADIO ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) RADIO ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

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(N) RADIO ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) RADIO ATTACHED WITH 3/8" THROUGH BOLT & 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) RF WARNING SIGN TO BE PLACED ON THE POLE OPPOSITE THE R/RH, INSTALLED BY MOBILITE

(N) RF WARNING SIGN TO BE PLACED ON THE POLE OPPOSITE THE R/RH, INSTALLED BY MOBILITE

(N) RF WARNING SIGN TO BE PLACED ON THE POLE OPPOSITE THE R/RH, INSTALLED BY MOBILITE

(N) RF WARNING SIGN TO BE PLACED ON THE POLE OPPOSITE THE R/RH, INSTALLED BY MOBILITE

(N) RF WARNING SIGN TO BE PLACED ON THE POLE OPPOSITE THE R/RH, INSTALLED BY MOBILITE

(N) RF WARNING SIGN TO BE PLACED ON THE POLE OPPOSITE THE R/RH, INSTALLED BY MOBILITE

(N) AC POWER DISTRIBUTION PANEL CABLE TO BE RUN TO BACK OF RADIO

(N) AC POWER DISTRIBUTION PANEL CABLE TO BE RUN TO BACK OF RADIO

(N) AC POWER DISTRIBUTION PANEL CABLE TO BE RUN TO BACK OF RADIO

(N) AC POWER DISTRIBUTION PANEL CABLE TO BE RUN TO BACK OF RADIO

(N) AC POWER DISTRIBUTION PANEL CABLE TO BE RUN TO BACK OF RADIO

(N) AC POWER DISTRIBUTION PANEL CABLE TO BE RUN TO BACK OF RADIO

(N) DISCONNECT ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE. SEE ED-2 FOR RF/POWER DISCONNECT SIGN DETAIL

(N) DISCONNECT ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE. SEE ED-2 FOR RF/POWER DISCONNECT SIGN DETAIL

(N) DISCONNECT ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE. SEE ED-2 FOR RF/POWER DISCONNECT SIGN DETAIL

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(N) DISCONNECT ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE. SEE ED-2 FOR RF/POWER DISCONNECT SIGN DETAIL

(N) DISCONNECT ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE. SEE ED-2 FOR RF/POWER DISCONNECT SIGN DETAIL

(N) 100A METER ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) 100A METER ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) 100A METER ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) 100A METER ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) 100A METER ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(N) 100A METER ATTACHED WITH 1/2" STEEL BANDING, INSTALLED BY MOBILITE

(E) OF (N) ANTENNA = ± 46'-10"

(E) OF (N) ANTENNA = ± 46'-0"

(E) OF (N) ANTENNA = ± 45'-1"

(E) OF (N) POLE EXTENSION = ± 44'-3"

(E) OF (N) POLE = ± 39'-3"

(E) OF (N) POLE = ± 38'-0"

(E) OF (N) POLE = ± 39'-3"

(E) OF (N) POLE = ± 38'-0"

(E) OF (N) POLE = ± 38'-0"

(E) OF (N) POLE = ± 38'-0"

(E) OF (N) POLE = ± 38'-0"

(E) OF (N) POLE = ± 38'-0"

(E) OF (N) POLE = ± 32'-0"

(E) OF (N) POLE = ± 31'-0"

(E) OF (N) POLE = ± 30'-0"

(E) OF (N) POLE = ± 30'-0"

(E) OF (N) POLE = ± 30'-0"

(E) OF (N) POLE = ± 30'-0"

(E) OF (N) POLE = ± 22'-0"

(E) OF (N) POLE = ± 22'-0"

(E) OF (N) POLE = ± 22'-0"

(E) OF (N) POLE = ± 22'-0"

(E) OF (N) POLE = ± 22'-0"

(E) OF (N) POLE = ± 22'-0"

(E) OF (N) POLE = ± 20'-4"

(E) OF (N) POLE = ± 20'-4"

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(E) OF (N) POLE = ± 20'-4"

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(E) OF (N) POLE = ± 17'-6"

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(E) OF (N) POLE = ± 15'-0"

(E) OF (N) POLE = ± 15'-0"

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(E) OF (N) POLE = ± 13'-0"

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(E) OF (N) POLE = ± 13'-0"

(E) OF (N) POLE = ± 13'-0"

(E) OF (N) POLE = ± 11'-0"

(E) OF (N) POLE = ± 11'-0"

(E) OF (N) POLE = ± 11'-0"

(E) OF (N) POLE = ± 11'-0"

(E) OF (N) POLE = ± 11'-0"

(E) OF (N) POLE = ± 11'-0"

(E) OF (N) METER = ± 5'-0"

NEW SIDE VIEW

EXISTING SIDE VIEW

(E) POLE ELEVATIONS

SCALE: 1" = 5'

(E) POLE ELEVATIONS

(E) POLE ELEVATIONS

(E) POLE ELEVATIONS

(E) POLE ELEVATIONS

(E) POLE ELEVATIONS

NOTE: REFER TO STRUCTURAL ANALYSIS REPORT FOR ADDITIONAL STRUCTURAL INFORMATION

PROJECT NO:	MS90XSE00
DRAWN BY:	JA
CHECKED BY:	GRB

DATE	DESCRIPTION
8/29/2018	PWE DESIGN REVISION
1/13/2017	FOR REVIEW

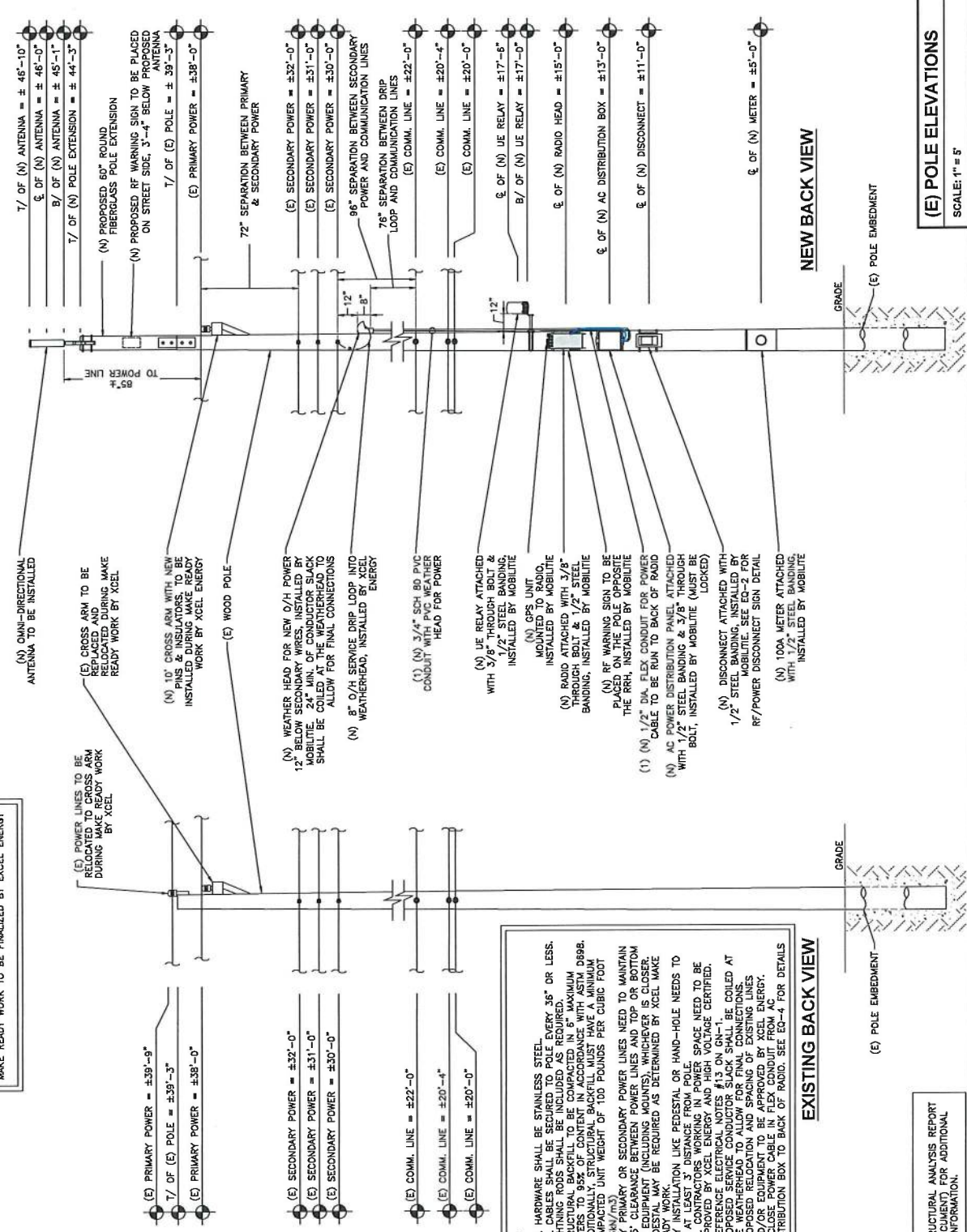
THIS IS A WARNING OF THE LAW FOR ANY THE VIOLATION OF ANY FEDERAL, STATE OR LOCAL LAW OR REGULATION IS A VIOLATION OF THE LAW AND IS SUBJECT TO PENALTY.

MS90XSE00  
9MNB001051D  
1701 Apollo St  
FALCON HEIGHTS, MN 55113  
(E) 39'-3" UTILITY POLE

SHEET TITLE  
POLE ELEVATIONS

SHEET NUMBER  
EV-2

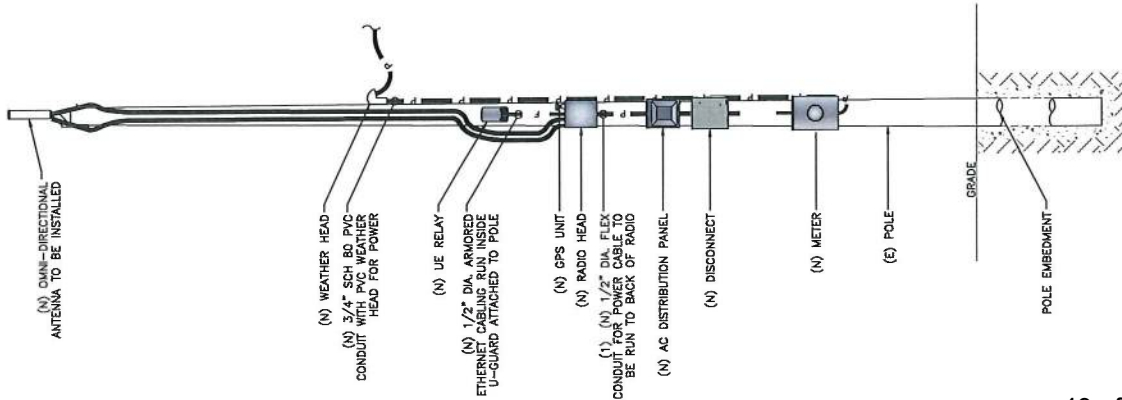
NOTE:  
MAKE READY WORK TO BE FINALIZED BY EXCEL ENERGY



- NOTES:**
1. ALL HARDWARE SHALL BE STAINLESS STEEL.
  2. ALL CABLES SHALL BE SECURED TO POLE EVERY 36" OR LESS.
  3. LIGHTNING RODS SHALL BE INCLUDED AS REQUIRED.
  4. STRUCTURAL BACKFILL TO BE COMPACTED IN 6" MAXIMUM DB98. ADDITIONAL STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 100 POUNDS PER CUBIC FOOT (18kN/m<sup>3</sup>).
  5. ANY PRIMARY OR SECONDARY POWER LINES NEED TO MAINTAIN A 5' CLEARANCE BETWEEN POWER LINES AND TOP OR BOTTOM OF POLE. ALL LINES SHALL BE SECURED TO THE WEATHERHEAD. PEDestal MAY BE REQUIRED AS DETERMINED BY XCEL MAKE READY WORK.
  6. ANY INSTALLATION LIKE PEDESTAL OR HAND-HOLE NEEDS TO BE AT LEAST 3' DISTANCE FROM POLE.
  7. ANY ELECTRICAL EQUIPMENT SHALL BE APPROVED BY XCEL MAKE READY WORK.
  8. APPROVED BY XCEL ENERGY AND HIGH VOLTAGE CERTIFIED. REFERENCE ELECTRICAL NOTES #13 ON GN-1.
  9. PROPOSED SERVICE CONDUCTOR SLACK SHALL BE COILED AT THE WEATHERHEAD TO ALLOW FOR FINAL CONNECTIONS.
  10. ALL WIRING SHALL BE APPROVED BY XCEL ENERGY. ALL WIRING AND/OR EQUIPMENT TO BE APPROVED BY XCEL ENERGY.
  11. ENCLOSE POWER CABLE IN FLEX CONDUIT FROM AC DISTRIBUTION BOX TO BACK OF RADIO. SEE EQ-4 FOR DETAILS.

(E) POLE ELEVATIONS  
SCALE: 1" = 8'

NOTE:  
(E) POLE MOUNTED EQUIPMENT NOT SHOWN FOR CLARITY.



**PLUMBING DIAGRAM**

SCALE: NOT TO SCALE

1

NOTE:  
THIS DIAGRAM IS FOR CLARITY OF CABLE ROUTE AND TERMINATION ONLY. CONTRACTOR SHALL INSTALL CABLES WITH MINIMAL VISUAL IMPACT ON WOOD POLE. SEE ELEVATION DRAWING FOR EQUIPMENT AND ANTENNA LOCATIONS.

**CABLING NOTES:**

- A) WOOD, CONCRETE AND EXISTING METALLIC POLES 1) FROM GRADE LINE TO 11'-0" ABOVE GRADE. ALL CABLES/CONDUCTORS EXCEPT GROUNDING CONDUCTOR MUST RUN IN RIGID GALVANIZED STEEL CONDUIT (RGS) 2) FROM GRADE LINE TO 11'-0" ABOVE GRADE.
- I) GROUNDING CONDUCTORS IN EXPOSED LOCATIONS MUST BE INSTALLED IN PVC.
- II) IN EARTH INSTALL PVC CONDUIT FOR BACKHAUL AND ELECTRICAL SERVICE. TRANSITION TO RGS BEFORE BEND BELOW GRADE LINE.
- M) ABOVE 11'-0" ALL CABLES (POWER, ETHERNET, COAXIAL) MUST RUN IN PVC UTILITY POLE RISER. (1) AT MAJOR EQUIPMENT, EXTEND UTILITY DUCT IMMEDIATELY ADJACENT TO THE EQUIPMENT. INSTALL CABLES IN THE UTILITY POLE RISER CREATING BENDING RADIUS. (2) INSIDE THE UTILITY POLE RISER, UTILIZE 1/2" COAX BLOCKS WITH LAG SCREWS TO SUPPORT COAX, RADIO AND MW POWER, RF COAX, AND ETHERNET CABLES TO WITHIN 12" OF THE EQUIPMENT BEING SERVED AND ON INTERVALS NOT TO EXCEED 4'.
- V) FOR UNDERGROUND HFC/PUBLIC BACKHAUL, ROUTE ETHERNET CABLE IN CONDUIT UP THE POLE AND TERMINATE AT THE END OF THE CONDUIT WITH A CABLE TERMINATION FITTING.
- W) BY APPROVAL IN SELECT CASES, LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LMC) MAY BE USED IN LENGTHS NOT TO EXCEED 36" TO EXTEND THE ELECTRICAL SERVICE CONDUIT TO THE AC DISTRIBUTION BOX. EXAMPLE: UTILITY-REQUIRED DISCONNECT ON POLE W/ AC DISTRIBUTION BOX ON OPPOSITE SIDE OF POLE. NOT REQUIRED FOR COAX.
- B) NEW METALLIC POLES
  - 1) PROCURE NEW POLES WITH SUITABLE HAND HOLES SUCH THAT HAND HOLES EXIST AT ALL EQUIPMENT LOCATIONS.
  - 2) WHERE REQUIRED, INSTALL POLE BASE SUCH THAT THE ELECTRICAL FEED AND BACKHAUL (IF UNDERGROUND) CIRCUIT ENTER THE POLE THROUGH THE POLE BASE.

**BILL OF MATERIALS**

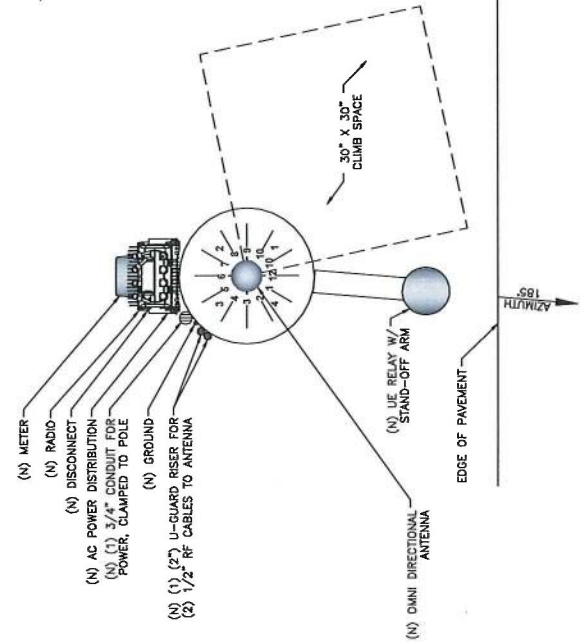
QTY.	DESCRIPTION	MANUFACTURER	MODEL NUMBER	AZIMUTH	CABLE	DIMENSIONS (HxWxD)	WEIGHT
1	ANTENNA	CCI	SCA-DM-360FX-D-H2	0°	27"-3"±	20.9" X 4" DIAMETER	3.2 LBS
1	UE RELAY	AIRSPAN	IR460-SPB-SI-1-P-0	185°	3"±	13" X 7" DIAMETER	8.8 LBS
1	GPS	TALYSMAN	GPS-ANT-3	-	-	2" X 2.6" DIAMETER	0.3 LBS
1	RADIO	AIRSPAN	HAR40-ETON-U41-B0GAP1	-	3"±	20.1" X 9" X 8.9"	41.9 LBS
1	RF FILTER	AIRSPAN	HAR40-FLIR-KIT-U41L	-	-	10.6" X 4.4" X 3.75"	6.5 LBS
1	AC DISTRIBUTION PANEL	TRANSPECTOR	T101-1207-1012	-	1"±	12" X 12" X 4"	17 LBS
1	MEA TYPE-3R DISCONNECT	SIEMENS	GF222NR (EXAMPLE)	-	1"±	15.45" X 8.7" X 5.95"	14 LBS
1	METER SOCKET	MILBANK	U4801-XL-ST9 (EXAMPLE)	-	X"±	19" X 13" X 4.84"	21 LBS

RFS REVISION TYPE: FINAL  
RFS REVISION NUMBER: 01  
RFS REVISION TIMESTAMP: 2017-08-18

**BILL OF MATERIALS**

SCALE: NOT TO SCALE

2



ANTENNA AZIMUTH: 0°  
UE RELAY AZIMUTH: 185°

**RISER ORIENTATION DIAGRAM**

SCALE: NOT TO SCALE

3



MOBILITIE, LLC

PROJECT NO: MS90XSE00  
DRAWN BY: JA  
CHECKED BY: GRB

NO.	DATE	DESCRIPTION	BY
1	11/13/2017	FOR REVIEW	GRB

THIS IS A PRELIMINARY DRAWING. IT IS THE USER'S RESPONSIBILITY TO VERIFY THE ACCURACY OF ALL INFORMATION AND TO OBTAIN NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES BEFORE CONSTRUCTION.

MS90XSE00  
SMNB001061D  
1701 Avona St  
FALCON HEIGHTS, MN 55113  
(E) 39'-3" UTILITY POLE

SHEET TITLE  
**PLUMBING & RISER DIAGRAM**

SHEET NUMBER  
**PL-1**





MOBILITIE, LLC

PROJECT NO: MS90XSE6D  
 DRAWN BY: JA  
 CHECKED BY: ORB

DATE	BY	REVISION
11/13/2017	JA	POLE DETAILING REVISION FOR REVIEW

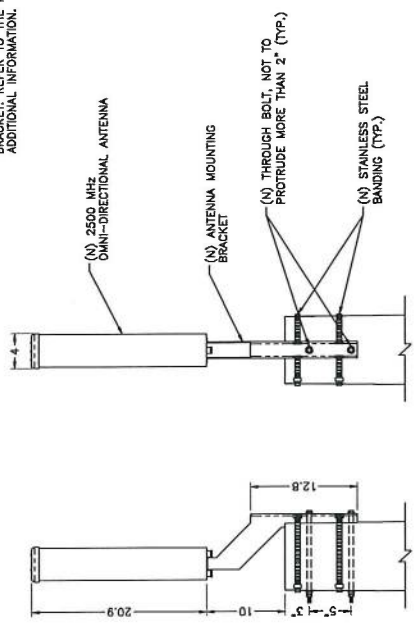
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MS90XSE6D  
 9MNE001051D  
 1701 Alpha St  
 FALCON HEIGHTS, MN 55113  
 (E) 39'-3" UTILITY POLE

SHEET TITLE  
 EQUIPMENT DETAILS

SHEET NUMBER  
 EQ-2

**NOTE:**  
 1. MOUNTING BRACKET ACCOMMODATES POLE SIZES FROM 3" TO 10" DIAMETER.  
 2. DAAR ENGINEERING HAS NOT PERFORMED A STRUCTURAL EVALUATION FOR THE MOUNTING BRACKET. REFER TO THE MANUFACTURER FOR ADDITIONAL INFORMATION.



**ANTENNA MOUNTING DETAIL**  
 SCALE: NOT TO SCALE

Mobilitie, LLC  
 In case of Emergency Contact  
 E-mail: MNOC@mobilitie.com  
 Phone: (877) 244-7889  
 Please Reference Site ID  
 Site ID  
 FCC ID

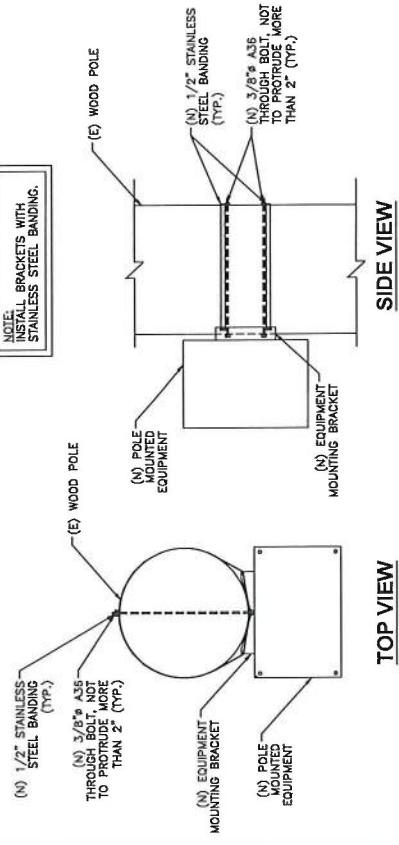


**ANTENNA SIGNAGE:**  
 SIGN ON ALUMINUM WITH SS SCREW TO THE POLE  
 ON METAL POLES - ADHESIVE VINYL OR PLACARD STRAPPED WITH SS TIES  
 ON CONCRETE / COMPOSITE - PLACARD STRAPPED WITH SS TIES  
 SIGN TIES PLACEMENT:  
 AFFIX TO THE STRUCTURE 3'-4" BELOW THE COMMERCIAL RF ANTENNA(S)  
 SIZE APPROX. 8" x 5"

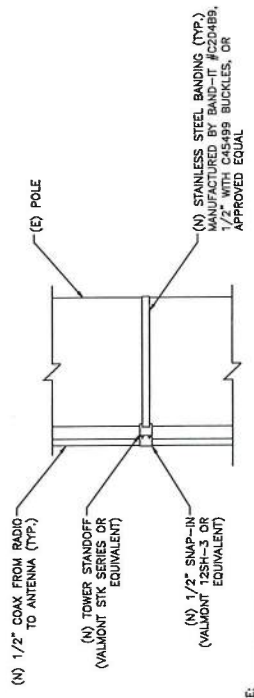
**ANTENNA SIGNAGE**

**POLE MOUNTED SIGNS**  
 SCALE: NOT TO SCALE

**NOTE:**  
 ALL BRACKETS WITH STAINLESS STEEL BANDING.



**EQUIPMENT MOUNTING DETAIL**  
 SCALE: NOT TO SCALE



**CABLE MOUNTING DETAIL**  
 SCALE: NOT TO SCALE

**NOTE:**  
 RF / POWER DISCONNECT SIGN TO BE PLACED ON OUTSIDE DOOR OF POWER DISCONNECT

Xcel Energy RF/Power Shut-Off Switch  
 This switch shuts off ALL POWER to Transmitters and antennas

**RF/POWER DISCONNECT SIGN**  
 SCALE: NOT TO SCALE







MOBILITIE, LLC

PROJECT NO: MS90XSE60D  
 DRAWN BY: JA  
 CHECKED BY: GRB

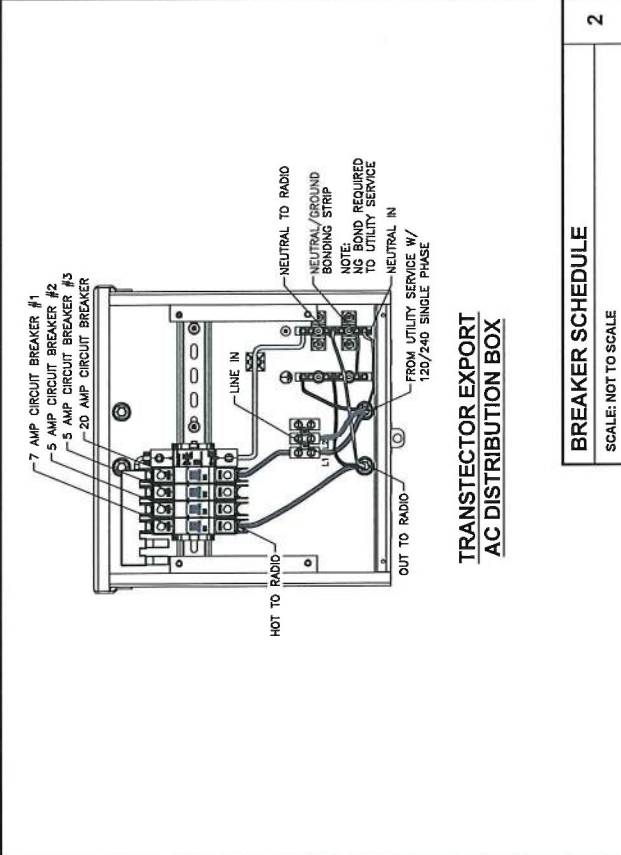
DATE	DESCRIPTION
10/26/2018	POLE EXTENSION REVISION
11/13/2017	FOR REVIEW

USE A VALIDATING ENGINEER TO SIGN OFF ON ANY THE DESIGN OF A LICENSED PROFESSIONAL ENGINEER TO SIGN THIS DOCUMENT

MS90XSE60D  
 5MNBD01051D  
 1701 Arona St  
 FALCON HEIGHTS, MN 55113  
 (E) 39'-3" UTILITY POLE

SHEET TITLE  
 ELECTRICAL DETAILS

SHEET NUMBER  
 E-1



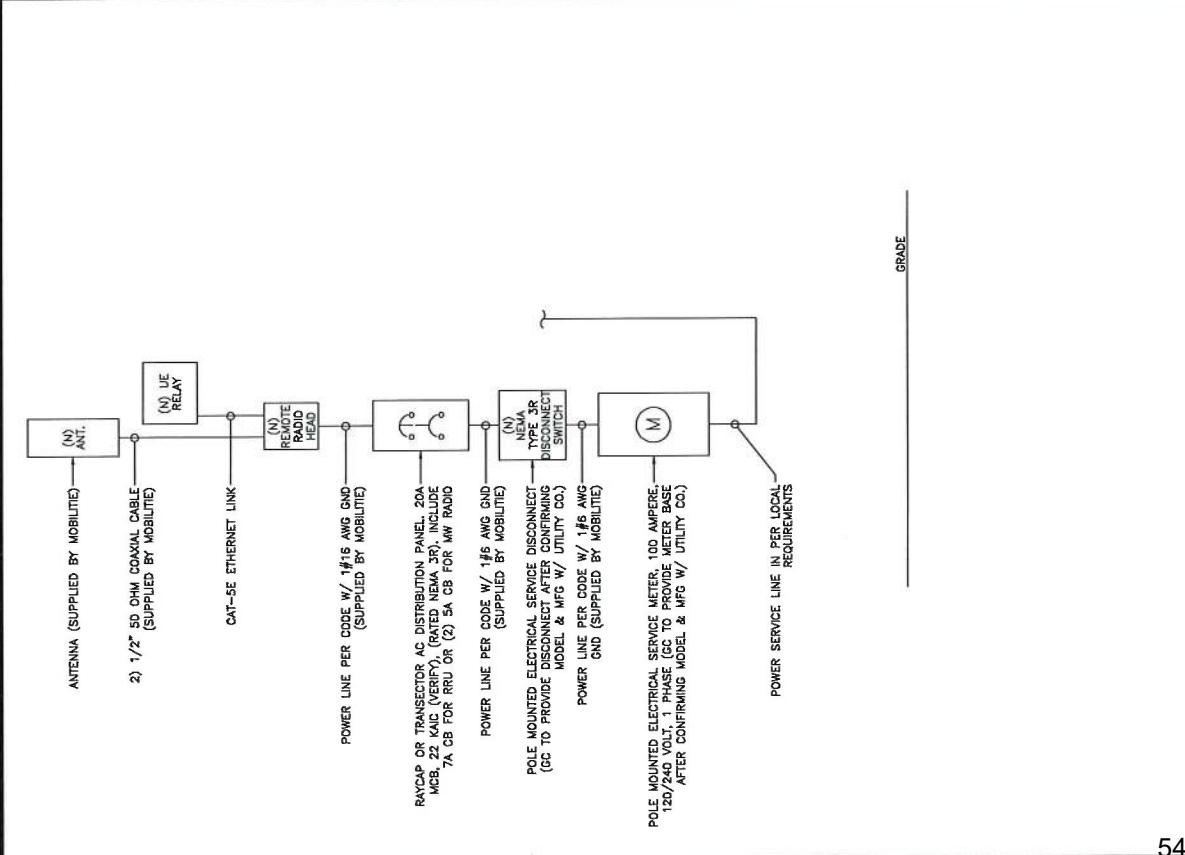
**BREAKER SCHEDULE**  
 SCALE: NOT TO SCALE

- NOTES:
- NOMINAL POWER IS CALCULATED AS 80% OF OEM DOCUMENTED MAXIMUM POWER.
  - CALCULATIONS FOR UE W/ NOKIA DO NOT NEED TO INCLUDE THE POWER FOR THE UE ANTENNA AS IT IS INCLUDED IN THE MAX POWER FIGURE. CALCULATIONS FOR UE W/ AIRSPAN MUST INCLUDE UE AS IT IS NOT INCLUDED IN THE MAXIMUM POWER FIGURE.
  - NOTED BY THE OEM THE QUOTED FIGURE WAS USED WHERE AVERAGE/NOMINAL POWER WAS NOTED BY THE OEM MAXIMUM POWER WAS CALCULATED BY INCREASING AVERAGE/NOMINAL POWER BY A FACTOR OF 50%

Airspan Scenario 2 AH4000 High Power Radio and UE Backhaul

Unit	Max Power		kVA	kWh/Yr
	Sub Description	Current (A)		
AirHarmony 4000	LTE Base Station	5.40	0.54	4730.4
Airspan IR460	UE Relay	N/A	N/A	N/A
Total		5.40	4.50	4730.4

**LOAD CALCULATIONS**  
 SCALE: NOT TO SCALE



**ONE-LINE DIAGRAM**  
 SCALE: NOT TO SCALE













**SITE WORK NOTES CONT'D.**

- STRUCTURAL FILLS SUPPORTING PAVEMENTS SHALL BE COMPACTED TO 95% OF MAXIMUM STANDARD PROCTOR DRY DENSITY, UNLESS OTHERWISE NOTED.
- NEW GRADES NOT IN BUILDING AND DRIVEWAY IMPROVEMENT AREA TO BE COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.
- FILL SHALL BE PLACED IN UNIFORM LIFTS. THE LIFTS THICKNESS SHOULD NOT EXCEED THAT WHICH CAN BE PROPERLY COMPACTED THROUGHOUT ITS ENTIRE DEPTH WITH THE EQUIPMENT AVAILABLE.
- ANY FILLS PLACED ON (E) SLOPES THAT ARE STEEPER THAN 10 HORIZONTAL TO 1 VERTICAL SHALL BE BENCHED INTO THE (E) SLOPE AS DIRECTED BY A GEOTECHNICAL ENGINEER.
- CONTRACTOR SHALL CLEAN ENTIRE SITE AFTER CONSTRUCTION SUCH THAT NO CORNERS OF TRASH, WOODS BRUSH, EXCESS FILL OR ANY OTHER DEPOSITS WILL REMAIN. ALL MATERIALS COLLECTED DURING CLEANING OPERATIONS SHALL BE DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR.
- ALL TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH THE IMPROVEMENTS SHALL BE PROTECTED BY THE GENERAL CONTRACTOR.
- ALL SITE WORK SHALL BE CAREFULLY COORDINATED BY GENERAL CONTRACTOR WITH LOCAL UTILITY COMPANY, TELEPHONE COMPANY, AND ANY OTHER UTILITY COMPANIES HAVING JURISDICTION OVER THIS LOCATION.  
**ENVIRONMENTAL NOTES:**
  - ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADS AND WATERWAYS. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
  - CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/SILT CONTROL FENCING AND PROTECTIVE MEASURES AS REQUIRED PRIOR TO CONSTRUCTION WITHIN THE LIMITS OF SITE DISTURBANCE.
  - NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE PROPERTY. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
  - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES WITH SILT AND EROSION CONTROL MEASURES MAINTAINED ON THE DOWNSTREAM SIDE OF SITE DRAINAGE. ANY DAMAGE TO ADJACENT PROPERTIES AS A RESULT OF EROSION WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
  - CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
  - SEEDING AND MULCHING AND/OR SOODING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
  - CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND DECISIONS OF SOIL CONSERVATION SERVICE AND PRESENT AND FUTURE REGULATIONS OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE, BUT IS NOT LIMITED TO SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
  - RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRAGILE, THIN, ELONGATED OR LAMINATED PIECES. DISPERSED MATERIAL, ORGANIC MATTER, OIL, ALGAE, OR OTHER DETERIOROUS SUBSTANCES.

- GC TO PLACE FILTER MATERIAL AT ALL CATCH BASINS ADJACENT TO CONSTRUCTION SITE TO PREVENT SOLID WASTE CONTAMINATION FROM ENTERING SEWER SYSTEM

**FOUNDATION, EXCAVATION AND BACKFILL NOTES:**

- ALL FINAL GRADED SLOPES SHALL BE A MAXIMUM OF 3 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE NOTED.
- BACKFILL OF THE POLES SHALL BE PERFORMED FROM CONCRETE PLANTS WILL BE USED INSTEAD OF FOAM IN WATER TABLE AREAS.
  - NORMAL SOILS ORDER OF PREFERENCE - FOAM, FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES
  - HIGH WATER TABLE SOILS ORDER OF PREFERENCES - FLOWABLE FILL, CONCRETE, COMPACTED AGGREGATES.
- ALL EXCAVATIONS PREPARED FOR PLACEMENT OF CONCRETE SHALL BE OF UNSATURATED SOILS, SUBSTANTIALLY HORIZONTAL AND FREE FROM ANY LOOSE, UNSUITABLE MATERIAL, OR FROZEN SOILS, AND WITHOUT THE PRESENCE OF POUNDING WATER, DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED WHEN REQUIRED. COMPACTION OF SOILS UNDER CONCRETE PAD SHALL BE TO A MINIMUM OF 95% OF STANDARD PROCTOR DRY DENSITY FOR THE SOIL IN ACCORDANCE WITH ASTM D1557.
- CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC OR UNSUITABLE MATERIAL IF THE BEARING CAPACITY IS NOT ACHIEVED AT THE DESIGNED EXCAVATION DEPTH. THE UNSATURATED SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION SHALL BE FILLED WITH CONCRETE. CONCRETE SHALL BE PLACED TO STABILIZE THE BOTTOM OF THE EXCAVATION. ANY STONE SUB-BASE MATERIAL, IF USED, SHALL NOT SUBSTITUTE FOR REQUIRED THICKNESS OF CONCRETE.
- ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH PRIOR TO BACK FILLING. BACK FILL SHALL CONSIST OF APPROVED MATERIALS SUCH AS EARTH, LOAM, SANDY CLAY, SAND OR GRAVEL. BACK FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING 2' VERTICAL DIMENSIONS. ALL BACK FILL SHALL BE PLACED IN COMPACTED LAYERS.
- ALL FILL MATERIALS AND FOUNDATION BACK FILL SHALL BE PLACED IN MAXIMUM 4" THICK LIFTS BEFORE COMPACTATION. EACH LIFT SHALL BE WETTED IF REQUIRED AND COMPACTED TO NOT LESS THAN 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR SOIL IN ACCORDANCE WITH ASTM D1557.
- NEWLY PLACED CONCRETE FOUNDATIONS SHALL CURE A MINIMUM OF 72 HRS PRIOR TO BACK FILLING.
- FINISHED GRADING SHALL BE SLOPED TO PROVIDE POSITIVE DRAINAGE AND PREVENT STANDING WATER. THE FINAL (FINISH) ELEVATION OF SUBS FOUNDATIONS SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE CENTER. FINISH GRADE OF CONCRETE PADS SHALL BE A MAXIMUM OF 4 INCHES ABOVE FINAL FINISH GRADE ELEVATIONS. PROVIDE SURFACE FILL GRAVEL TO ESTABLISH SPECIFIED ELEVATIONS WHERE REQUIRED.
- NEWLY GRADED GRAVEL SURFACE AREAS TO RECEIVE GRAVEL SHALL BE COVERED WITH GEOTEXTILE FABRIC TYPE (TPAR-340) AS MANUFACTURED BY GEOTEX INC. THE FABRIC SHALL BE BLACK IN COLOR TO CONTROL THE RECURRENT OF VEGETATIVE GROWTH AND EXTEND TO WITHIN 1 FOOT OUTSIDE THE SITE FENCING OR ELECTRICAL GROUNDING SYSTEM PERIMETER WHICH EVER IS GREATER. ALL FABRIC SHALL BE COVERED WITH A MINIMUM OF 4" DEEP ENRICHED TOPSOIL OR GRAVEL. ALL SPACES BETWEEN THE FABRIC OR ENRICHED TOPSOIL SHALL BE FLOORED WITH 2" DEEP ACCESS DRIVE AREA, UNLESS OTHERWISE NOTED.
- IN ALL AREAS TO RECEIVE FILL: REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, NET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS AND DELTERIOUS MATERIALS FROM GROUND SURFACE. FLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAN 1 VERTICAL TO 4 HORIZONTAL SUCH THAT FILL MATERIAL WILL BIND WITH (E) PREPARED SOIL SURFACE.
- WHEN SUB GRADE OR PREPARED GROUND SURFACE HAS A DENSITY LESS THAN THAT REQUIRED FOR THE FILL MATERIAL, SCARIFY THE GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CORRECT AND/OR AERATE THE SOILS AND RECOMPACT TO THE REQUIRED DENSITY PRIOR TO PLACEMENT OF FILLS.

- IN AREAS WHICH (E) GRAVEL SURFACING IS REMOVED OR DISTURBED DURING GRAVEL SURFACING AND RESTORED TO THE SAME THICKNESS AND COMPACTION AS SPECIFIED. ALL RESTORED GRAVEL SURFACING SHALL BE FREE FROM CORRUGATIONS AND WAVES.
- (E) GRAVEL SURFACING MAY NOT BE REUSED.
- GRAVEL SUB SURFACE SHALL BE PREPARED TO REQUIRED COMPACTON AND SUB ANY LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED AND ANY DEPRESSIONS IN THE SUB GRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL GRAVEL SURFACING MATERIAL SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUB GRADE.
- PROTECT (E) GRAVEL SURFACING AND SUB GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING MATTS OR OTHER SUITABLE PROTECTION DESIGNED TO SPREAD EQUIPMENT LOADS AS MAY BE NECESSARY. REPAIR ANY DAMAGE TO (E) GRAVEL SURFACING OR SUB GRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTORS OPERATIONS.
- DAMAGE TO (E) STRUCTURES AND/OR UTILITIES RESULTING FROM CONTRACTORS NEGLIGENCE SHALL BE REPAIRED AND/OR REPLACED TO THE OWNERS SATISFACTION AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES AT NO ADDITIONAL COST TO THE CONTRACT.



MOBILITIE, LLC

PROJECT NO: MS9DXS6500  
DRAWN BY: JA  
CHECKED BY: GIBB

NO.	DATE	DESCRIPTION
1	11/13/2017	FOR REVIEW
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IT IS A VIOLATION OF THE LAW FOR ANY PERSON UNLESS THEY ARE A PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

MS9DXS6500  
94NBD0105TD  
FALCON HEIGHTS, MN 55113  
(E) 38'-3" UTILITY POLE

SHEET TITLE  
GENERAL NOTES

SHEET NUMBER  
GN-3

# Radio Frequency – Electromagnetic Energy (RF-EME) Compliance Report

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Site No. 9MNB001051  
MS90XSE50D  
1701 Arona St  
Falcon Heights, Minnesota 55113  
Ramsey County  
44.992317; -93.164667 NAD83  
Utility Pole

EBI Project No. 6217005728  
December 22, 2017



Prepared for:  
Mobilitie  
2955 Red Hill Ave, Suite 200  
Costa Mesa, CA 92626

Prepared by:



**EXECUTIVE SUMMARY**

**Purpose of Report**

EnviroBusiness Inc. (dba EBI Consulting) has been contracted by Mobilitie to conduct radio frequency electromagnetic (RF-EME) modeling for Mobilitie Site 9MNB001051 located at 1526 Crawford Ave in Falcon Heights, Minnesota to determine RF-EME exposure levels from proposed wireless communications equipment at this site. As described in greater detail in Appendix A of this report, the Federal Communications Commission (FCC) has developed Maximum Permissible Exposure (MPE) Limits for general public exposures and occupational exposures. This report summarizes the results of RF-EME modeling in relation to relevant FCC RF-EME compliance standards for limiting human exposure to RF-EME fields.

This report contains a detailed summary of the RF EME analysis for the site.

This document addresses the compliance of proposed transmitting facilities independently at the site.

Modeling results included in this report are based on drawings dated November 13, 2017 as provided to EBI Consulting. Subsequent changes to the drawings or site design may yield changes in the MPE levels or FCC Compliance recommendations.

<b>Maximum Permissible Exposure (MPE) Summary</b>				
<b>Location</b>	<b>% of FCC General Public/Uncontrolled Exposure Limit</b>	<b>% of FCC Occupational/Controlled Exposure Limit</b>	<b>Power Density (mW/cm<sup>2</sup>)</b>	<b>Occupational Approach Distance (ft)</b>
<b>Proposed Equipment</b>				
Antenna Face Level	114.20	22.84	1.1420	<1' 0"
Ground	0.70	0.14	0.0070	<1' 0"
Adjacent Building, North	1.20	22.84	1.1420	<1' 0"
Adjacent Building, South	1.2	0.24	0.012	<1' 0"
Adjacent Building, East	0.3	.06	0.003	<1' 0"

These results are calculated based on max power assumptions for this site. The mounted antenna will contribute the majority to these emissions. Additional equipment to be installed is operating at very low power and contributions to the overall site emission is marginal. Workers accessing any equipment on this pole should follow all safety procedures outlined by the carrier and pole owners.

The adjacent buildings refers to the two single story buildings to the north and east, and one three story building to the south of the pole.



## **Statement of Compliance**

Based on worst-case predictive modeling, there are no modeled exposures on any accessible rooftop or ground-level or adjacent building walking/working surface related to proposed equipment in the area that exceed the FCC's occupational and/or general public exposure limits at this site. As such, the proposed project is in compliance with FCC rules and regulations.

Signage recommendations are presented in Section 9.0 to bring the site into compliance with the FCC Rules and Regulations.

### **1.0 LOCATION OF ALL EXISTING ANTENNAS AND FACILITIES AND EXISTING RF LEVELS**

Mobilitie proposes the installation of one (1) wireless telecommunication antenna on a utility pole in Falcon Heights, Minnesota. The proposed site will have a total of one (1) antenna at the site.

There are no collocated carriers on the utility pole.

### **2.0 LOCATION OR ALL APPROVED (BUT NOT INSTALLED) ANTENNAS AND FACILITIES AND EXPECTED RF LEVELS FROM THE APPROVED FACILITIES**

There are no antennas or facilities that are approved and not installed based on information provided to EBI and Mobilitie at the time of this report.

### **3.0 NUMBER AND TYPES OF WIRELESS TELECOMMUNICATION SITES (WTS) WITHIN 100 FEET OF THE PROPOSED SITE**

Based on aerial photography review, there are no other Wireless Telecommunication Service (WTS) sites observed within 100 feet of the proposed site.

### **4.0 LOCATION AND NUMBER OF THE ANTENNA AND BACK-UP FACILITIES PER STRUCTURE AND NUMBER AND LOCATION OF OTHER TELECOMMUNICATION FACILITIES ON THE PROPERTY**

Mobilitie proposes the installation of one (1) wireless telecommunication antenna on a utility pole in Falcon Heights, Minnesota. The proposed site will have a total of one (1) antenna at the site.

There is one sector proposed at this site with one antenna in that sector. The antenna is transmitting omnidirectionally in the 2500 Mhz Frequency range. The bottom of the antenna will be 46.1 feet above the ground level.

There are no collocated carriers on the utility pole.

**5.0 POWER RATING FOR ALL EXISTING AND PROPOSED BACKUP EQUIPMENT SUBJECT TO THE APPLICATION**

The operating power of each frequency, for modeling purposes, was assumed to be the following:

Mobilitie Operating Powers Per Sector		
Frequency (MHz)	Power (Watts)	# of Transmitters
2500	20	2

Additional transmitter information used in the modeling of Mobilitie antenna is summarized in the RoofView® export file presented in Appendix C.

**6.0 TOTAL NUMBER OF WATTS PER INSTALLATION AND THE TOTAL NUMBER OF WATTS FOR ALL INSTALLATIONS ON THE STRUCTURE**

The Effective Radiated Power (ERP) for each carrier and frequency is summarized below:

Effective Radiated Power (ERP) per Frequency	
Frequency (MHz)	ERP (Watts)
Mobilitie 2500	181

**7.0 PREFERRED METHOD OF ATTACHMENT OF PROPOSED ANTENNA INCLUDING DIRECTIONALITY OF ANTENNA AND HEIGHT OF ANTENNA ABOVE NEAREST WALKING SURFACE**

Based on the information provided to EBI, the proposed antenna is to be pipe-mounted to an existing utility pole and operating in the directions, frequencies, and heights mentioned in section 4.0 above.

**8.0 ESTIMATED AMBIENT RADIO FREQUENCY FIELDS FOR THE PROPOSED SITE**

Based on worst-case predictive modeling, there are no modeled exposures on any accessible rooftop or ground-level or adjacent building walking/working surface related to proposed equipment in the area that exceed the FCC's occupational and/or general public exposure limits at this site. As such, the proposed project is in compliance with FCC rules and regulations.

Maximum Permissible Exposure (MPE) Summary				
Location	% of FCC General Public/Uncontrolled Exposure Limit	% of FCC Occupational/Controlled Exposure Limit	Power Density (mW/cm <sup>2</sup> )	Occupational Approach Distance (ft)
<b>Proposed Equipment</b>				
Antenna Face Level	114.20	22.84	1.1420	<1' 0"
Ground	0.70	0.14	0.0070	<1' 0"
Adjacent Building, North	1.20	22.84	1.1420	<1' 0"
Adjacent Building, South	1.2	0.24	0.012	<1' 0"

Adjacent Building, East	0.3	.06	0.003	<1' 0"
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The inputs used in the modeling are summarized in the RoofView® export file presented in Appendix C.

**9.0 SIGNAGE AT THE FACILITY IDENTIFYING ALL WTS EQUIPMENT AND SAFETY PRECAUTIONS FOR PEOPLE NEARING THE EQUIPMENT AS MAY BE REQUIRED BY THE APPLICABLE FCC ADOPTED STANDARDS**

Signs are the primary means for control of access to areas where RF exposure levels may potentially exceed the MPE. However, it is not recommended that signage be placed in highly public areas where there are no exposures above the FCC general public limits. Signage at this site should be installed following carrier and local jurisdiction requirements. Additionally, any elevated workers should be alerted to any potential exposures at the antenna face. There are no exposures above the FCC limits at ground level and therefore barriers are not recommended.

Workers that are elevated above the rooftop and ground may be exposed to power densities greater than the applicable FCC limits. Workers should be informed via signage about the presence of antennas and their associated fields and practice RF Safety Procedures.

Access to this site is accomplished by walking up to the utility pole. Access to the antenna is gained via a lift or climbing with fall protection and therefore the antenna is considered not accessible to the general public.

**10.0 STATEMENT ON PRODUCTION OF THIS REPORT AND QUALIFICATIONS**

Please see the certifications attached in Appendix B below.

**11.0 LIMITATIONS**

This report was prepared for the use of Mobilitie. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information provided by the client. The observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the site should be provided to EBI so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.

**12.0 SUMMARY AND CONCLUSIONS**

EBI has prepared this Radiofrequency Emissions Compliance Report for the proposed Mobilitie telecommunications equipment at the site located at 1526 Crawford Ave in Falcon Heights, Minnesota.

EBI has conducted theoretical modeling to estimate the worst-case power density from proposed Mobilitie antenna to document potential MPE levels at this location and ensure that site control measures are adequate to meet FCC and OSHA requirements. As presented in the preceding sections, based on worst-case predictive modeling, there are no modeled exposures on any accessible rooftop or ground-level or adjacent building walking/working surface related to proposed equipment in the area

that exceed the FCC's occupational and/or general public exposure limits at this site. As such, the proposed project is in compliance with FCC rules and regulations.

Signage is recommended at the site as presented in Section 9.0. Posting of the signage brings the site into compliance with FCC rules and regulations.

# **Appendix A**

## **Federal Communications Commission (FCC) Requirements**

The FCC has established Maximum Permissible Exposure (MPE) limits for human exposure to Radiofrequency Electromagnetic (RF-EME) energy fields, based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP) and, over a wide range of frequencies, the exposure limits developed by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC guidelines incorporate two separate tiers of exposure limits that are based upon occupational/controlled exposure limits (for workers) and general public/uncontrolled exposure limits for members of the general public.

**Occupational/controlled exposure limits** apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general public/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

**General public/uncontrolled exposure limits** apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

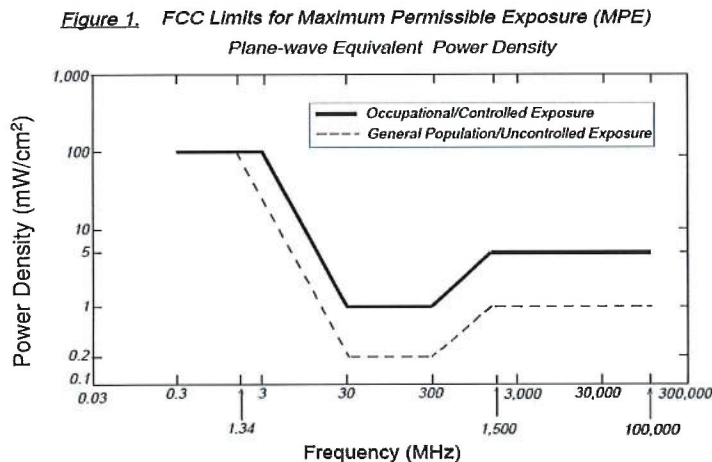
Table I and Figure I (below), which are included within the FCC's OET Bulletin 65, summarize the MPE limits for RF emissions. These limits are designed to provide a substantial margin of safety. They vary by frequency to take into account the different types of equipment that may be in operation at a particular facility and are "time-averaged" limits to reflect different durations resulting from controlled and uncontrolled exposures.

The FCC's MPEs are measured in terms of power (mW) over a unit surface area (cm<sup>2</sup>). Known as the power density, the FCC has established an occupational MPE of 5 milliwatts per square centimeter (mW/cm<sup>2</sup>) and an uncontrolled MPE of 1 mW/cm<sup>2</sup> for equipment operating in the 1900 MHz and 2500 MHz frequency ranges. For the Mobilitie equipment operating at 800 MHz, the FCC's occupational MPE is 2.66 mW/cm<sup>2</sup> and an uncontrolled MPE of 0.53 mW/cm<sup>2</sup>. These limits are considered protective of these populations.

Table I: Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm <sup>2</sup> )	Averaging Time [E] <sup>2</sup> , [H] <sup>2</sup> , or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f <sup>2</sup> )*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6
(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm <sup>2</sup> )	Averaging Time [E] <sup>2</sup> , [H] <sup>2</sup> , or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f <sup>2</sup> )*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

f = Frequency in (MHz)

\* Plane-wave equivalent power density



Based on the above, the most restrictive thresholds for exposures of unlimited duration to RF energy for several personal wireless services are summarized below:

Personal Wireless Service	Approximate Frequency	Occupational MPE	Public MPE
Personal Communication (PCS)	1,950 MHz	5.00 mW/cm <sup>2</sup>	1.00 mW/cm <sup>2</sup>
Cellular Telephone	870 MHz	2.90 mW/cm <sup>2</sup>	0.58 mW/cm <sup>2</sup>
Specialized Mobile Radio	855 MHz	2.85 mW/cm <sup>2</sup>	0.57 mW/cm <sup>2</sup>
Most Restrictive Freq. Range	30-300 MHz	1.00 mW/cm <sup>2</sup>	0.20 mW/cm <sup>2</sup>

MPE limits are designed to provide a substantial margin of safety. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

Personal Communication System (PCS) facilities used by Mobilitie in this area operate within a frequency range of 800-1900 MHz. Facilities typically consist of: 1) electronic transceivers (the radios or cabinets) connected to wired telephone lines; and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units (PCS telephones). Transceivers are typically connected to antennas by coaxial cables.

Advanced Wireless Services (AWS) facilities used by the carrier in this area operate within a frequency range of 2496 - 2690 MHz. Facilities typically consist of: 1) electronic transceivers (the radios or cabinets); and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units. Transceivers are typically connected to antennas by coaxial cables.

Because of the short wavelength of PCS/AWS services, the antennas require line-of-site paths for good propagation, and are typically installed above ground level. Antennas are constructed to concentrate energy towards the horizon, with as little energy as possible scattered towards the ground or the sky. This design, combined with the low power of PCS facilities, generally results in no possibility for exposure to approach Maximum Permissible Exposure (MPE) levels, with the exception of areas directly in front of the antennas.

### **FCC Compliance Requirement**

A site is considered out of compliance with FCC regulations if there are areas that exceed the FCC exposure limits and there are no RF hazard mitigation measures in place. Any carrier which has an installation that contributes more than 5% of the applicable MPE must participate in mitigating these RF hazards.



## **Appendix B**

### **Certifications**

## Preparer Certification

I, Ian Burk, state that:

- I am an employee of EnviroBusiness Inc. (d/b/a EBI Consulting), which provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed RF-EME safety training, and I am aware of the potential hazards from RF-EME and would be classified "occupational" under the FCC regulations.
- I am familiar with the FCC rules and regulations as well as OSHA regulations both in general and as they apply to RF-EME exposure.
- I have reviewed the data provided by the client and incorporated it into this Site Compliance Report such that the information contained in this report is true and accurate to the best of my knowledge.



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## **Appendix C**

### **Roofview® Export File / Antenna Inventory**

Done on 12/22/2017 at 3:00:11 PM.

You may use as many rows in this TOP header as you wish.

The critical point are the cells in COLUMN ONE that read 'Start...' (eg. StartMapDefinition)

The very next row will be considered the start of that data block.

The first row of the data block can be a header (as shown below), but this is optional.

All rows above the first marker line 'Start...' will be ignored, no matter how many there are.

This area is for you use for documentation.

End of help comments.

You can place as much text here as you wish as long as you don't place it below

the Start-Map Definition row below the blue line.

You may insert more rows using the Insert menu.

Should you need additional lines to document your project, simply insert additional rows

by highlighting the row number adjacent to the blue line below and then clicking on the Insert menu

and selecting rows.

**StartMapDefinition**

Roof Max Y	170	180	170	10	10	X Offset	Number of envelope	1	\$US41:\$FX\$US41:\$FX\$210
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**StartSettingsData**

Standard Method	4	2	3	1	100	Low Color	Mid Thr	500	2	3	1.5	1
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**StartAntennaData**

ID	Name	Mobilitie	2500	20	2	0	0	0	0	40	CCI	Mfg	Model	X	Y	Z	Type	Aper	dBd	Gain	BWdth	Pk.Dir	6.55	OMNI	Uptime	Profile	ON	flag	ON
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**StartSymbolData**

Sym	Map Marki	Roof X	Roof Y	Map Label	Description ( notes for this table only )
Sym		5	35	AC Unit	Sample symbols
Sym		14	5	Roof Access	
Sym		45	5	AC Unit	
Sym		45	20	Ladder	

List Of Areas  
\$US41:\$FX\$210



*The City That Soars!*

## REQUEST FOR COUNCIL ACTION

<b>Meeting Date</b>	September 12, 2018
<b>Agenda Item</b>	Consent F5
<b>Attachment</b>	Final Grant Payment
<b>Submitted By</b>	Tim Sandvik – Deputy Clerk Recreation Supervisor

<b>Description</b>	Good Neighbor Fund - Grant Application “Piano in the Park”
<b>Background</b>	<p>The City of Falcon Heights regularly explores grant funding opportunities to enhance Parks and Recreation throughout the city. As an ongoing effort to connect visitors with the parks, the Parks and Recreation Commission discovered an opportunity to do so by hosting a “Piano in the Park” for public use at Community Park. In the Fall of 2017, the city was awarded the grant and the first payment of \$833.33 (one third of the cost) was received in September of 2017.</p> <p>The Good Neighbor Fund was established in 2008 by the University of Minnesota. Funds are available from the annual proceeds of an endowment established at the time of the development of TCF Bank Stadium.</p> <p>Groups eligible to apply must be member organizations of the University of Minnesota Stadium Advisory Group.</p> <p>Having completed the project in July of 2018, staff submitted final reporting and has now received the final payment totaling \$1667.67.</p>
<b>Budget Impact</b>	The total grant award was \$2,500 with the city providing ‘In-Kind Match Hours’ through staff time. Matching In-Kind Hours is not a requirement, but is recommended to show the City has sincere interest in the grant application.
<b>Attachment(s)</b>	<ul style="list-style-type: none"> <li>Final report submitted to the Good Neighbor Fund</li> </ul>
<b>Action(s) Requested</b>	Staff recommends that the Falcon Heights City Council approve the Good Neighbor Fund Grant Final Payment for deposit.

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CITY OF  
**FALCON HEIGHTS**

2077 W. Larpenteur Avenue  
Falcon Heights, MN 55113-5594

email: [mail@falconheights.org](mailto:mail@falconheights.org)  
website: [www.falconheights.org](http://www.falconheights.org)

*The City That Soars!*

Phone - (651) 792-7600  
Fax - (651) 792-7610

June 14, 2018

University of Minnesota Good Neighbor Fund  
Room 3 Morrill Hall  
100 Church Street SE  
Minneapolis MN, 55455

To whom it may concern –

Attached to this letter you will find a Payout Request Form, Final Grantee Report Form, and appropriate attachments for Grant Number 2017.05.

You will see our Final Report form requests the final two-thirds payment as we are submitting both forms at once (a total of \$1666.67).

If you have any questions, comments or concerns, please don't hesitate to contact us.

Best,

Tim Sandvik  
Deputy Clerk/Recreation Supervisor  
City of Falcon Heights  
651.792.7600  
[tim.sandvik@falconheights.org](mailto:tim.sandvik@falconheights.org)

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FAMILIES, FIELDS AND FAIR

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**2017 University of Minnesota Good Neighbor Fund  
Payout Request Form**

Date: June 14, 2018

Grant Number: 2017.05

Name of Grantee Organization: City of Falcon Heights

It is the general policy to disburse 1/3 of the grant amount approximately 30 days of the execution of this agreement; 1/3 approximately 30 days of submission of a Payout Request Form, documenting allowable costs to date amounting to 2/3 of the total grant; and the final 1/3 approximately 30 days of the submission of a final Grantee Report.

Please note that, depending on the Grantee's arrangement with any third party partners or vendors, it may be necessary for the Grantee to cover costs and then be reimbursed from the payout of grant funds. It is the responsibility of the Grantee to manage the cash flow of the project.

1. Briefly describe the progress on implementation of the project:

The grant is currently in the 'use' phase. During the spring of 2018, the city was able to purchase a piano from the non-profit organization (Keys 4/4 Kids – Piano on Parade program). Following that, we were able to identify a partner with the local elementary school (Falcon Heights Elementary) in that their art teacher was willing to take on the design phase with her students. The piano has since been painted and was recently moved to Falcon Heights – Community Park for use. The piano will remain in the park until early July.

2. Complete the table on page 2.

3. Attach to this report documentation of the expenditures or fund commitments already made. Acceptable documentation for expenditures would include receipts containing a description and explanation of expenses and number of hours and pay rate for any staff time associated with the grant.

4. If you anticipate a substantial change in activities, a change in the project budget of 20% or greater, please attach a project amendment request, explaining what will be different from the original project and/or budget, and the reason for the change.

I certify that I am authorized to sign on behalf of the Grantee organization.

Signature:  - Tim Savarik Title: Deputy Clerk / Recreation Supervisor

1	2	3	4	5	6	7
Activity description	Grant amount approved for this activity	Amount previously disbursed to Grantee for this activity	Amount of grant funds expended to date	Amount requested at this time	Funds committed from other sources	Amount other funds expended to date
Payment for piano	\$2500	\$833.33	\$2500	\$0	\$0	\$0
<b>Total project funds:</b>	<b>\$2500</b>	<b>\$833.33</b>	<b>\$2500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Please submit completed Payout Request Forms and supporting documentation to:

University of Minnesota Good Neighbor Fund  
 Room 3 Morrill Hall  
 100 Church Street SE  
 Minneapolis, MN 55455

**2017 University of Minnesota Good Neighbor Fund  
Final Grantee Report Form**

---

Date: June 14, 2018

Grant Number: 2017.05

Name of Grantee Organization: City of Falcon Heights

Grantees are required to submit this form by June 30, 2018, or upon completion of the project, whichever comes first.

1. Please check that:

The project is complete and this is the Final Grantee Report.

2. Briefly describe the implementation of this project.

The grant is currently in the 'use' phase. During the spring of 2018, the city was able to purchase a piano from the non-profit organization (Pianos on Parade or POP). Following that, we were able to identify a partner with the local elementary school (Falcon Heights Elementary) in that their art teacher was willing to take on the design phase with her students. The piano has since been painted and was recently moved to Falcon Heights – Community Park for use. The piano will remain in the park until early July.


3. Briefly describe the most important results of the project related to the purposes of the University of Minnesota Good Neighbor Fund. .

The City of Falcon Heights, home to the University of Minnesota's St. Paul Campus, sees a variety of visitors throughout the year. Both residents of the city and visitors alike are affected by the uses of TCF Bank Stadium including increased traffic and noise pollution.

Making a piano available for public use in one of our parks had promoted beauty and vitality by providing a non-traditional outlet of art in our parks. The piano was painted in a way that promotes the beauty of the parks, in addition to the opportunity to create music. These efforts help promote vitality of these public spaces through a method typically not available in public spaces.

4. Complete the table on page 2. As this is the final Grantee Report, if the total of all grant funds expended to date is less than the amount of the grant, the balance will be returned to the University of Minnesota. If the Grantee is in possession of unexpended grant funds, enclose with this Report payment of any remaining grant funds to the University of Minnesota.
  
5. Attach to this report documentation of the expenditures or fund commitments made since those submitted with any previous Payout Request Form. Acceptable documentation for expenditures would include receipts containing a description and explanation of expenses and number of hours and pay rate for any staff time associated with the grant. Where applicable please include a couple photographs of your project, project design plans, etc.
  
6. If there has been a substantial change in activities, a change in the project budget of 20% or greater, please attach an explanation of how it differs from the project and/or budget, and the reason for the change.

I certify that I am authorized to sign on behalf of the Grantee organization, and that the project is 100 % complete.

Signature:  Tim SANDVIK Title: Deputy Clerk/Recreation Supervisor

1	2	3	4	5	6	7
Activity description	Grant amount approved for this activity	Amount previously disbursed to Grantee for this activity	Amount of grant funds expended to date	Amount requested at this time	Funds committed from other sources	Amount other funds expended to date
Payment/Implementation of Piano	\$2500	\$833.33	\$2500	\$1666.67		
<b>Total project funds:</b>	<b>\$2500</b>	<b>\$833.33</b>	<b>\$2500</b>	<b>\$1666.67</b>	<b>\$</b>	<b>\$</b>

(The sum of the totals of columns 3 and 5 should not exceed 100% of the approved grant amount)

Please submit the completed Grantee Report Form to: University of Minnesota Good Neighbor Fund;  
Room 3 Morrill Hall; 100 Church Street SE; Minneapolis, MN 55455.





**JANUARY 5, 2018  
INVOICE #6798**

<b>Bill To:</b>	
<b>Sponsor</b>	City of Falcon Heights
<b>Contact</b>	Tim Sandvik Deputy Clerk/Recreation Supervisor
<b>Phone</b>	651-792-7617
<b>E-mail</b>	tim.sandvik@falconheights.org
<b>Payment Due</b>	Upon Receipt of Invoice
<b>Delivery Date</b>	Spring 2018 (date TBD)

Qty.	Description	Unit Price	Discount	Line Total
1	POP Sponsorship, Artist POP	\$2,500		\$2,500
	Sales Tax	0.00%		0.00
<b>Total</b>				<b>\$2,500</b>

**Thank you for your generous gift!**

**Keys 4/4 Kids, Inc.**

2099 Old Hudson Road, St. Paul, MN 55119 | [www.keys44kids.org](http://www.keys44kids.org)  
p (651) 698-3890 | [info@keys44kids.org](mailto:info@keys44kids.org)



*The City That Soars!*

## REQUEST FOR COUNCIL ACTION

<b>Meeting Date</b>	September 12, 2018
<b>Agenda Item</b>	Policy G1
<b>Attachment</b>	N/A
<b>Submitted By</b>	Sack Thongvanh, City Administrator

<b>Description</b>	Sidewalk Trip Hazard Repair
<b>Background</b>	Staff continues to evaluate areas of safety hazards through the community for trails, sidewalks, trees, etc. Staff also determines the financial ability of the city to determine the most cost effective option.
<b>Budget Impact</b>	The expenditure will be taken from Infrastructure Fund in the amount of not to exceed \$17,150.
<b>Attachment(s)</b>	<ul style="list-style-type: none"> <li>· Quote</li> </ul>
<b>Action(s) Requested</b>	Motion to approve the quote from Safe Step in the amount not to exceed \$17, 150 and authorize the City Administrator to execute all necessary documents.

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CONTACT: Cohl Kerkau

MOBILE: 612.910.4354

A photograph of a woman with long brown hair, wearing a dark jacket, pushing a stroller on a sidewalk. The scene is slightly blurred, suggesting movement. In the background, other people and bicycles are visible, creating a sense of a busy urban environment. The overall color palette is muted, with a yellowish-green tint.

# SIDEWALK TRIP HAZARD REPAIR ESTIMATE & PROPOSAL:

---

**Presented to: Tim Pittman**  
**City of Falcon Heights**  
August 2018

*Information contained in this proposal is proprietary and confidential, to be used solely by City of Falcon Heights personnel in evaluating the project. Any copying or unauthorized disclosure of this information is prohibited.*



CONTACT: Cohl Kerkau

MOBILE: 612.910.4354

## INTRODUCTION

August 15, 2018

Tim Pittman  
City of Falcon Heights  
2077 Larpenteur Ave. West  
Falcon Heights, MN 55113

Tim,

I have provided a brief summary of what was learned in our meeting. Included is a proposal for Safe Step LLC to provide a sidewalk program for repair of the sidewalk and curb displacements that will correspond with the selected project area you have provided.

## WHAT WE HEARD

1. The city of Falcon Heights has specific locations they would like Safe Step LLC to addresses in survey.
2. The city of Falcon Heights would like different pricing options in Survey.
3. The city of Falcon Heights has marked sidewalk with "S" they would like saw cut.
4. The city of Falcon Heights would like their 2018 sidewalk project completed before the MN state Fair.

### Survey summary

1. The survey area is shown on the map on page 4.
2. Safe Step LLC identified a total of **139** locations of slab displacement under the criteria set by the City of Falcon Heights.

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CONTACT: Cohl Kerkau

MOBILE: 612.910.4354

## SIDEWALK SAW CUTTING PROPOSAL

Safe Step proposes a program to repair sidewalk slab displacements based on the following:

### The city of Falcon Heights will provide

1. Criteria to be used in determining each trip hazard to be repaired.
2. Street address locations and/or area included in the project scope.
3. Prioritization of street locations and area included in the project scope.

### Safe Step LLC will provide:

1. ADA compliant repair slope (12:1) of the horizontal saw-cut of all identified or criteria matched sidewalk displacements in the project scope as directed by the city of Falcon Heights.
2. A detailed report listing the street address or location, GPS coordinates and dimensions of each repair, and total amount of project by option chosen.
3. All repairs will be repaired according to the Safe Step LLC Approach listed on page 6 of this proposal.

### Project Financial Parameters:

1. The total budget of the project will not exceed **\$17,150**.

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# SURVEY AREA



(Map data generated with Google Maps)

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CONTACT: Cohl Kerkau

MOBILE: 612.910.4354

## PRICING OPTIONS

### OPTION 1

1. Remove **53** slab displacements at 3/8 inch to 5/8 inch.

\$4,238

### OPTION 2

1. Remove **52** sidewalk slab displacements at 3/4 inch to 7/8 inch.

\$6,190

### OPTION 3

1. Remove **34** sidewalk slab displacements at 1 inch and higher.

\$6,722

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# THE SAFE STEP LLC APPROACH



## Specifications

1. Repairs will be tapered to a 1:12 slope ratio and taken to a zero point of differential between adjoining sidewalk panels along the full width of the sidewalk, in accordance with ADA standards.
2. Repairs shall have a smooth and uniform finish with a coefficient of friction meeting OSHA requirements and shall not impact adjoining sidewalks, driveways, landscaping, or other objects within the vicinity of the work.



## Clean-up

1. All saw-cutting will be performed without water-cooling; No slurry will be created eliminating the risk of "tracking" and run-off water contamination.
2. Saw mounted dust abatement systems will be used to minimize airborne dust. Containment systems are designed for fine dust applications.
3. Debris and concrete shall be cleaned from the sidewalk surface as well as surrounding rails, sidewalks, driveways, landscaping, or other objects within the vicinity of the work.



## Reporting

1. Upon completion of the project, Safe Step LLC will provide a detailed and audit-able report. This report will include the street address or location, dimensions, and GPS coordinates of each repair made.
2. An invoice for payment will be provided when the projected has been completed. Payment in full is due **30 days** from the date of invoice. Late payments may be subject to a \$30 re-billing fee.



## Safety and Insurance

1. Safe Step LLC employees who work directly in slab displacement repair undergo a rigorous training process with emphasis on safe work practices, OSHA-approved personal protection equipment, and quality workmanship. It is not uncommon for our clients to receive unsolicited compliments on our safety practices and the quality of the work performed.
2. Safe Step LLC is fully licensed and insured. Proof of auto, liability, and workers compensation insurance are available upon request.

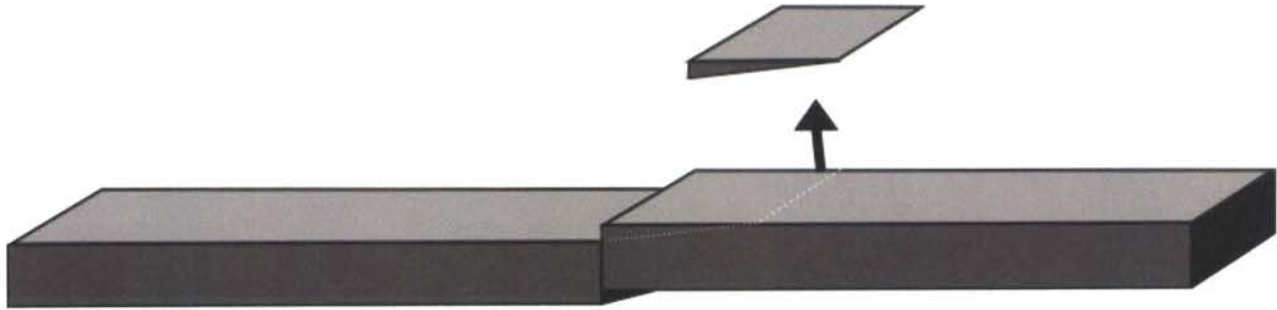


## Proprietary Technology

1. Safe Step LLC is the only entity in Wisconsin, Northern Illinois, and Southeast Minnesota authorized to use the Precision Concrete Cutting method for removing sidewalk trip hazards as described by the following patent numbers: U.S. Pat. No. 6,827,074, U.S. Pat. No. 7,000,606, U.S. Pat. No. 7,143,760, U.S. Pat. No. 6,896,604, U.S. Pat. No. 7,201,644, U.S. Pat. No. 7,402,095. These patents refer to the equipment, methods, and dust abatement systems used by Safe Step LLC. A sole source letter is available upon request.

*Information contained in this proposal is proprietary and confidential, to be used solely by City of Falcon Heights personnel in evaluating the project. Any copying or unauthorized disclosure of this information is prohibited.*

## SAFE STEP LLC REPAIRS



**Trip hazard BEFORE repair**

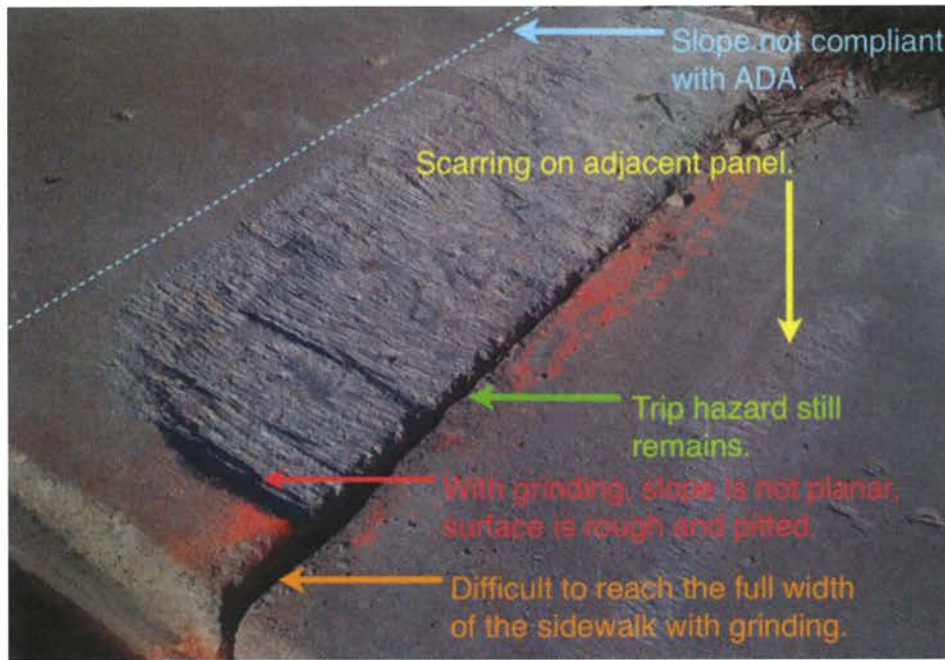


**Trip hazard AFTER repair**

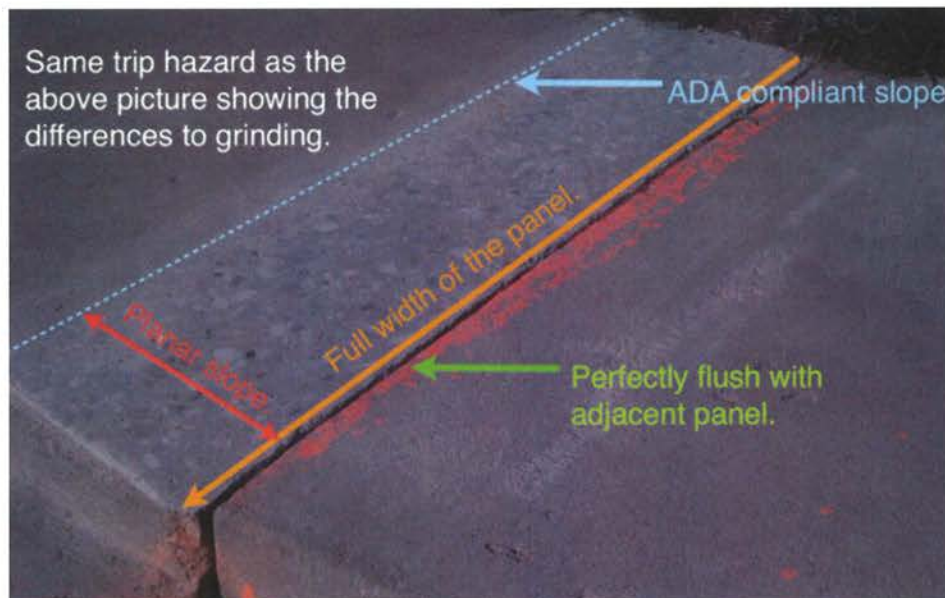


*Information contained in this proposal is proprietary and confidential, to be used solely by City of Falcon Heights personnel in evaluating the project. Any copying or unauthorized disclosure of this information is prohibited.*

## THE SAFE STEP LLC DIFFERENCE



Our patented technology and innovative sidewalk repairs process leaves you with a beautiful, smooth surface that is ADA compliant — a result you can't get with grinding.



*Information contained in this proposal is proprietary and confidential, to be used solely by City of Falcon Heights personnel in evaluating the project. Any copying or unauthorized disclosure of this information is prohibited.*





CONTACT: Cohl Kerkau

MOBILE: 612.910.4354

# PROPOSAL ACCEPTANCE

If this proposal is acceptable, please return by faxing (866-479-1069) or emailing (Cohl@NoTrippin.com) a copy of this page to Safe Step LLC. We will contact you upon receiving this form to schedule your project.

Proposal# 180815D

Project Scope: Remove slab displacements of option chosen.

(Choose an option)

Option 1   
(\$4,238)

Option 2   
(\$6,190)

Option 3   
(\$6,722)

PO Number: \_\_\_\_\_ Cost: \$ \_\_\_\_\_ Does this project require prevailing wage? \_\_\_\_\_  
(YES or NO)

Approved by: \_\_\_\_\_  
*Print Name*

\_\_\_\_\_ *Organization*

\_\_\_\_\_ *Signature*

\_\_\_\_\_ *Date*

\_\_\_\_\_ *Title*

Client Notes:

Thank you!

Cohl Kerkau  
S.E. Minnesota Project Manager

PO Box 411  
Hortonville, WI 54944  
612.910.4354  
Cohl@NoTrippin.com

For a valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above signed hereby agrees to defend, indemnify, and hold contractor harmless with respect to any and all liability whatsoever arising from contractor's activities in attempting to repair concrete sidewalk and other slabs owned by the above signed or within the above signed's dominion and control, and to defend, indemnify, and hold harmless contractor with respect thereto.

*Information contained in this proposal is proprietary and confidential, to be used solely by City of Falcon Heights personnel in evaluating the project. Any copying or unauthorized disclosure of this information is prohibited.*