

Notice of Meeting

Polk City | City Council

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July 11, 2016 | 6:30 pm

City Hall | Council Chambers

Broadcast live at [www.polkciviva.gov/page/LiveStream](http://www.polkciviva.gov/page/LiveStream)

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Tentative Meeting Agenda

Jason Morse | Mayor

Ron Anderson | Pro Tem

City Council Members: Robert Mordini | Robert Sarchet | Dan Lane | David Dvorak

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. **Public Comments:** This is the time and place for comments for any item other than those that are a Public Hearing. If you wish to speak, please come to the podium and state your name and address for the record. You are requested to keep your comments to five minutes.
5. **Consent Items**

Action Items

1. Consider motion to approve the City Council Meeting Minutes for June 27, 2016
2. Consider motion to receive and file the Parks Commission Minutes for July 5, 2016
3. Consider motion to approve the July 11, 2016 Claims
4. Consider motion to approve Resolution 2016-62 approving Snyder & Associates May 2016 invoice in the amount of \$18,110
5. Consider motion to receive and file the June 2016 Water Report
6. Consider motion to receive and file the June 2016 Police Report

6. **New Business**

Action Items

1. Consider motion to approve Resolution 2016-63 approving the Construction drawings for Sanitary Sewer and Water Main Only for Lost Lakes Estates Plat 3
2. Consider motion to approve Resolution 2016-64 approving Change Order No. 1 in the amount of \$2,931.00 to Howrey Construction for the Davis and Tyler Intersection Reconstruction project.
3. Consider motion to approve Resolution 2016-65 approving Partial Payment Application No. 2 (Final – Prior to Retention Release) in the amount of \$4,219.90 to Howrey Construction for the Davis and Tyler Intersection Reconstruction project

7. **Mayor's Report**

8. **Council Report**

1. Robert Sarchet
2. Ron Anderson
3. Dan Lane
4. David Dvorak
5. Rob Mordini

9. **Council Discussion**

10. **City Administrator's Report**

11. **City Staff Reports**

1. Attorney's Report
2. Engineer's Report
3. Public Works Department Report
4. Technology and Innovation Report
5. Finance Report
6. Fire Department Report
7. Police Department Report
8. Library Report
9. Citizen Liaison Report

12. **Adjourn until July 25, 2016**

**MEETING MINUTES**  
**The City of Polk City**  
**City Council Meeting**  
**6:30 p.m., Monday, June 27, 2016**  
**City Hall**

Polk City, City Council held a meeting at 6:30 p.m., on June 27, 2016. The Agenda was posted at the City Hall office as required by law. **These tentative minutes reflect all action taken at the meeting.**

<p><b><u>Mayor and City Council Members Present:</u></b> Jason Morse   Mayor Ron Anderson   Pro Tem Rob Mordini   City Council Member Robert Sarchet   City Council Member Dan Lane   City Council Member Dave Dvorak   City Council Member</p> <p><b><u>Citizen Liaison Present:</u></b> Ken Thornton   Citizen Liaison</p>	<p><b><u>Staff Members Present:</u></b> Gary Mahannah   City Administrator Lindsey Huber   City Finance Director Jenny Gibbons   City Clerk Amy Beattie   City Attorney Laura Lamberty, P.E.   City Engineers Jake Schreier   Technology Director Mike Schulte   Public Works Director Dan Gubbins   Fire Chief Trace Kendig   Police Chief Kim Kellogg   Library Director</p>
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1. **Call to Order** / Mayor Morse called the meeting to order at 6:30 p.m.
2. **Roll Call** / Mordini, Sarchet, Anderson, Lane, Dvorak | In attendance
3. **Approval of Agenda**

**MOTION:** A motion was made by Dvorak and seconded by Anderson to approve the amended meeting agenda  
**MOTION CARRIED UNANIMOUSLY**

4. **Public Comments** / None
5. **Phil Watson, Water's Edge Marine was presented a Letter of Appreciation**
6. **Consent Agenda Items**

**MOTION:** A motion was made by Lane and seconded by Sarchet to approve the consent agenda items.

1. Consider motion to approve the City Council Meeting Minutes for June 13, 2016
2. Consider motion to receive and file the P&Z Commission Minutes for June 20, 2016
3. Consider motion to approve the June 27, 2016 Claims
4. Consider motion to approve the June 2016 Finance Report
5. Consider motion to approve 12 months Class E Liquor License for Casey's Stores, Inc. effective August 8, 2016 with the following privileges: Class B wine Permit, Class C Beer Permit (Carryout Beer) and Class E Liquor License (LE)
6. Consider motion to approve Resolution 2016-58 City Salaries
7. Consider motion to approve Resolution 2016-60 Fire Department Salaries
8. Consider motion to accept resignation from part time/POC Lieutenant Craig Ver Huel effective June 30, 2016
9. Consider motion to receive and file the May 2016 Fire Department Report
10. Consider motion to approve the IDOT request to have the noise ordinance waived for the HWY 415 project from approximately June 27, 2016 through October 31, 2016

**MOTION CARRIED UNANIMOUSLY**

7. **New Business**

1. Steve Van Oort, County Supervisor, Elizabeth Presutti, DART CEO, and Amanda Wanke, Chief Engagement and Communications Officer for Des Moines Area Regional Transit Authority (DART) presented an annual update on DART
2. **MOTION:** A motion was made by Sarchet and seconded by Dvorak to approve Resolution 2016-59 approving Lost Lake Estates Preliminary Plats 3 and 4  
**MOTION CARRIED UNANIMOUSLY**

3. **MOTION:** A motion was made by Lane and seconded by Sarchet to approve 2016 Vehicle Purchase Proposal for a 2015 Dodge Charger Police Vehicle in the amount of \$32,336 plus related vehicle purchase fees  
**MOTION CARRIED UNANIMOUSLY**
4. **MOTION:** A motion was made by Mordini and seconded by Dvorak to authorize Snyder and Associates Engineering Agreement in the amount of \$39,440 for the 2016 Street Repair Project  
**MOTION CARRIED UNANIMOUSLY**
5. **MOTION:** A motion was made by Mordini and seconded by Dvorak to approve the third reading of Ordinance 2016-1600 amending Chapter 55, Animal Protection and Control, and Chapter 165, Zoning Regulations identifying specific regulations and requirements for Beekeeping  
**MOTION CARRIED UNANIMOUSLY**
6. **MOTION:** A motion was made by Mordini and seconded by Sarchet to approve the third reading of Ordinance 2016-2200 amending Chapter 3, Municipal Infractions of the Municipal Code of the City of Polk City  
**MOTION CARRIED UNANIMOUSLY**
7. **MOTION:** A motion was made by Sarchet and seconded by Mordini to approve Resolution 2016-61 approving the construction drawings for Public Water Main and Sanitary Sewer for future Edgewater Drive  
**MOTION CARRIED UNANIMOUSLY**
8. **Mayor Report** | Mayor scheduled a second Budget Work Session for July 11, 2016 at 5p.m. Mayor attended the Des Moines Convention Golf Outing at TCI and heard a lot of positive feedback regarding Polk City. Mayor and Chief Gubbins attended the Kiwanis Meeting. It is their 70<sup>th</sup> Anniversary since Kiwanis started in 1946.
9. **Council Report**
  - Sarchet reminded citizens to look at property tax statements closely and pay attention to what all is in there.
  - Lane attended the MWA meeting and said there are indications of putting off discussions regarding co-mingling for potentially 3 years
10. **Council Discussion** | Mayor applauded PCDC and the Chamber for their efforts with Sounds on the Square, the events are going well this year and have been well attended.
11. **City Administrator Report** | No report
12. **City Reports**
  - Jake Schreier, Technology Director has been working on Curb Stop inventory with Willie Ostrander, Public Works, and is starting on Sign Inventory as mandated by the Federal Government. Schreier attended a meeting in Ankeny to get some pointers on how to set up the inventory and move forward with the project. Schreier is also working with Next Generation 911 to standardize addressing and quality control for EMS and Public Safety
  - Dan Gubbins, Fire Chief thanked Council and Staff for starting the budget process and allowing the Department Heads dialogue with Council
  - Kim Kellogg, Library Director reported 263 kids have registered for summer reading plus an additional 120 kids from the Daycares
13. **Adjournment**  
**MOTION:** A motion was made by Anderson and seconded by Dvorak to adjourn at 7:32 p.m.  
**MOTION CARRIED UNANIMOUSLY**  
*Next Meeting Date – Monday, July 11, 2016*

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Jason Morse, Mayor

Attest:

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Jenny Gibbons, City Clerk

# CLAIMS REPORT

The City of Polk City

For **7/11/2016**

DEPARTMENT	VENDOR	EXPENSE TYPE	AMOUNT
ALL DEPT	FIRST BANKCARD	CITY CREDIT CARD	\$6,455.84
ALL DEPT	I.C.A.P.	INSURANCE	\$53,621.17
ALL DEPT	I.M.W.C.A.	INSTALLMENT 1 OF 8	\$14,373.00
ALL DEPT	I.M.W.C.A.	INSTALLMENT 2 OF 8	\$6,158.00
BLDG	CENTURION STONE OF IOWA	HOUSE # REPLACEMENT	\$450.00
BLDG	SAFE BUILDING COMP. & TECH	BUILDING INSPECTIONS	\$5,115.82
CH	ALLIANCE CONNECT	INTERNET CHARGES	\$76.98
CH	BRICK LAW FIRM	LEGAL SERVICES	\$3,560.46
CH	GREATER DES MOINES CONVENTION	HOTEL MOTEL TAX DISTRIBUTION	\$1,374.34
CH	GRINNELL STATE BANK	BANK CHARGES	\$197.60
CH	KLEEN SWEEP SERVICES INC	CLEANING SERVICE	\$157.50
CH	LAWSON PRODUCTS	PARTS, HARDWARE & SUPPLIES	\$42.00
CH	MEDIACOM	INTERNET SERVICE	\$77.45
CH	P & M APPAREL	PADFOLIOS	\$543.75
CH	REGISTER MEDIA	PUBLIC NOTICES	\$459.22
CH	TOTAL QUALITY INC.	LAWNCARE	\$50.00
CH	TOTAL QUALITY INC.	FERTILIZER	\$60.00
CH	TOURNAMENT CLUB OF IOWA	ANNUAL APPRECIATION DINNER	\$2,800.00
CH	WOLF CREEK TECHNOLOGY, INC.	2016 WEBHOSTING	\$360.00
COUNCIL	DAN LANE	REIMBURSEMENT-MILEAGE	\$155.52
COUNCIL	VERIZON WIRELESS	PHONE AND DATA	\$40.01
FD	STAPLES	OFFICE SUPPLIES	\$338.91
FD	VERIZON WIRELESS	PHONE AND DATA	\$342.80
FD	WRIGHT EXPRESS FLEET SERVICES	FUEL	\$217.99
LIB	CAPITAL SANITARY SUPPLY	CLEANING SUPPLIES	\$52.54
LIB	KLEEN SWEEP SERVICES INC	CLEANING SERVICE	\$532.50
LIB	RECORDED BOOKS LLC.	BOOKS ON CD	\$198.00
LIB	RICHARD TAYLOR	TECH SUPPORT	\$403.56
LIB	TOTAL QUALITY INC.	LAWNCARE	\$49.00
LIB	TOTAL QUALITY INC.	FERTILIZER	\$59.00
PARKS	CHESTNUT SIGN CO INC	SQUARE MARQUEE LED PANEL/REPL	\$5,546.40
PARKS	CITY OF AMES	SUMMER REC-SWIMMING	\$625.50
PARKS	CONTRACTOR SOLUTIONS	MILLER PARK-PIPES	\$258.00
PARKS	KLEEN SWEEP SERVICES INC	CLEANING SERVICE	\$212.81
PARKS	MSC INDUSTRIAL SUPPLY INC	MILLER PARK-LAMP HOLDERS	\$42.57
PARKS	NEVADA PARKS & RECREATION	SUMMER REC-SWIMMING	\$427.00
PARKS	TOTAL QUALITY INC.	LAWNCARE	\$6,099.00
PARKS	TOTAL QUALITY INC.	FERTILIZER	\$2,134.00
PD	ANKENY ACE HARDWARE	KEYS	\$1.79
PD	BRICK LAW FIRM	POLICE/TEAMSTERS 238	\$1,245.00
PD	CARPENTER UNIFORM CO.	BADGE CLIP/ARMOR SKIN VEST	\$100.97
PD	GRAHAM TIRE ANKENY INC	VEHICLE REPAIRS	\$640.60
PD	KLEEN SWEEP SERVICES INC	CLEANING SERVICE	\$72.00
PD	PC PRINT CENTER	OFFICE SUPPLIES	\$64.95
PD	TRACE KENDIG	REIMBURSEMENT-ICAP FLIGHT & CONF FEE	\$692.97
PD	VERIZON WIRELESS	PHONE AND DATA	\$52.08
PD	WRIGHT EXPRESS FLEET SERVICES	FUEL	\$1,105.41
PW	ANKENY SANITATION	TRASH SERVICE	\$403.50
PW	ARDICK EQUIPMENT CO.	NO PARKING SIGNS	\$806.00
PW	CAPITAL CITY EQUIPMENT CO.	BEARING FOR BOBCAT SWEEPER	\$74.24
PW	CITY OF DES MOINES	WRA	\$26,169.60
PW	D & K PRODUCTS	MARINA COVE POND-ROUNDUP APPS	\$719.70
PW	D & K PRODUCTS	SPECTKLE FLOW	\$454.00
PW	GREENWOOD'S SEWER SERVICE	COMM RM-CLOGGED URINAL	\$121.90

**CLAIMS REPORT**  
The City of Polk City

For **7/11/2016**

DEPARTMENT	VENDOR	EXPENSE TYPE	AMOUNT
PW	HEARTLAND TIRE & AUTO	TIRE REPAIR	\$89.00
PW	IOWA D.N.R.	ANNUAL WATER FEE FY17	\$397.00
PW	KLEEN SWEEP SERVICES INC	CLEANING SERVICE	\$72.19
PW	LAWSON PRODUCTS	PARTS, HARDWARE & SUPPLIES	\$672.20
PW	LOGAN CONTRACTORS SUPPLY	OPERATING SUPPLIES	\$55.00
PW	RICK HOGAN CONTRUCTION	REMOVE/REPLACE ASPHALT-BROADWAY	\$1,275.00
PW	SANDYMAN SANDBLASTING	FIRE HYDRANT CAPS	\$270.00
PW	SPRAYER SPECIALITIES INC	HOSE FITTINGS	\$3.48
PW	TOTAL QUALITY SPRINKLERS	SPRINKLER REPAIRS-718 WASHINGTON	\$1,331.08
PW	VERIZON WIRELESS	PHONE AND DATA	\$364.56
PW	WRIGHT EXPRESS FLEET SERVICES	FUEL	\$768.08
WATER	DES MOINES WATER WORKS	PURCHASED WATER	\$31,594.83
<b>TOTAL</b>			<b>\$183,285.37</b>
	ALL DEPT		\$80,608.01
	BLDG		\$5,565.82
	CH		\$9,759.30
	COUNCIL		\$195.53
	FD		\$899.70
	LIB		\$1,294.60
	PARKS		\$15,345.28
	PD		\$3,975.77
	PW		\$34,046.53
	WATER		\$31,594.83
	<b>TOTAL</b>		<b>\$183,285.37</b>

**MEETING MINUTES**  
**The City of Polk City**  
**Parks Commission**  
**6:00 p.m., Tuesday, July 5, 2016**  
**City Hall**

Polk City, Parks Commission held a meeting at 6:00 p.m., on July 5, 2016. The Agenda was posted at the City Hall office as required by law. **These tentative minutes reflect all action taken at the meeting.**

<p><b><u>Parks Commission Members Present:</u></b> Sam Hill   Parks Commission Member (Acting Chair) David Hiatt   Parks Commission Member Bob Fourez   Parks Commission Member Andy Johnson   Parks Commission Member Kelley Haaland   Parks Commission Member</p> <p><b><u>Parks Commission Members Absent:</u></b> Audrey Bell   Chair Josh Reed   Pro Tem</p> <p><b><u>Additional Attendees:</u></b> David Dvorak   City Council Liaison Ken Morse   Tree Board Liaison</p>	<p><b><u>Staff Members Present:</u></b> Becky Leonard   Deputy City Clerk Terri Keasey   Summer Recreation Director</p>
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1. **Call to Order** | Acting Chair Hill called the meeting to order at 6:00 p.m.
2. **Roll Call** | Hiatt, Fourez, Hill, Johnson, Haaland | In attendance  
Bell, Reed | Absent
3. **Approval of Minutes**  
**MOTION:** A motion was made by Johnson and seconded by Hiatt to approve the May 2, 2016 Meeting Minutes  
**MOTION CARRIED UNANIMOUSLY**
4. **Audience Items** | No discussion
5. **New Business**
  - a. **Summer Parks and Recreation Program Update by Terri Keasey**

Terri Keasey, Summer Recreation Director, shared the summer recreation programs are in their third week with five more weeks to go.

    - Approximately 90 participants attended swim lessons.
    - The program has 129 participants in the summer recreation.
    - Art camp is also in its third week. There was enough of a response to open an additional time for participants from Halley's Academy.
    - Terri stated all the group leaders came back from last year.
    - The staff and participants are enjoying the program.

The commission thanked Terri and her staff for their efforts and hard work to ensure another successful year.
  - b. **Lakeside Linear Park Update by Ken Morse**

Ken Morse shared a map of the Lakeside Linear Park area and what it would look like with a 10-foot wide meandering mulch path. The cost and maintenance would be minimal. The commission liked the conceptual plan and Acting Chair Hill requested this

item be added to next month's agenda so the commission can consider recommending Council approve.

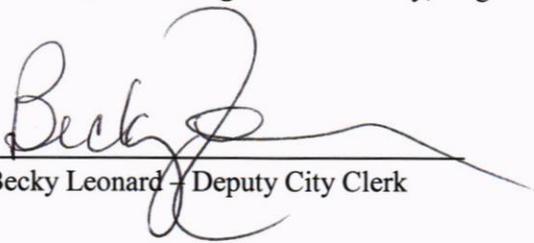
6. **Tree Board Liaison Report** | Ken Morse shared statistics from an emerald ash borer article which appeared in the Des Moines Register July 2, 2016. The article stated two more counties in Iowa have confirmed ash borer bringing the total to 34 counties in the state.
7. **Council Liaison Report** | Councilman Dvorak stated the split rail fence at Doc Simmer Memorial Park has been installed and it looks nice. He also shared that Lost Lake Plats 3 and 4 were approved by Council and the parkland was satisfied with Plat 1 and 2. He has requested City Staff review the overall Park dedication model since a developer can pay the City \$8,000.00 in lieu of providing dedicated parkland, which he feels defeats the purpose of the parkland initiative.
8. **Staff Report** | Becky Leonard, Deputy City Clerk, stated two trees would be removed from the town square at a cost of \$1,800.00 to clear space for the previously approved playground renovation.
9. **Public Works Report** | No Report
10. **Commission Report** | Haaland asked the commission if it would be worthwhile to create a survey for residents to see what they would like to see more of/less of in our City parks. Haaland will draft a survey to share at a future meeting.

11. **Adjournment**

**MOTION:** A motion was made by Fourez and seconded by Johnson to adjourn at 6:37 p.m.

**MOTION CARRIED UNANIMOUSLY**

*Next Meeting Date – Monday, August 1, 2016*



Becky Leonard - Deputy City Clerk

**RESOLUTION 2016-62**

**A RESOLUTION APPROVING SNYDER & ASSOCIATES, INC  
ENGINEERING INVOICE FOR MAY SERVICES 2016**

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**WHEREAS**, Snyder & Associates, Inc has been appointed by the City Council of the City of Polk City, Iowa, as the city's engineer; and

**WHEREAS**, there are general engineering fees, fees for engineering contracts for capital improvement projects, reimbursable development review project fees, as listed

General Engineering Fees:	\$9,730
Capital Improvement Projects:	\$4,670
Reimbursable Development Review Projects:	\$3,710

**NOW, THEREFORE, BE IT RESOLVED**, the City Council of the City of Polk City, Iowa hereby approves the Snyder & Associates invoice for May 2016, in the amount of \$18,110

**PASSED AND APPROVED** the 11<sup>th</sup> day of July, 2016.

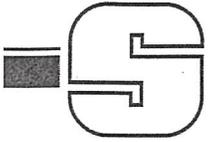
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Jason Morse, Mayor

ATTEST:

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Jenny Gibbons, City Clerk



**Date** June 30, 2016

**To:** Gary Mahannah  
City of Polk City  
P.O. Box 426  
Polk City, IA 50226-0426

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**INVOICE SUMMARY - MAY SERVICES**

Services from May 1, 2016 through May 31, 2016

**GENERAL ENGINEERING**

<u>2016 General Engineering</u>	116.0001	\$ 3,166.00
<u>Building and Development issues:</u> <i>Walk-thru's, coordination with developers, engineers, building inspector, and staff regarding various potential and ongoing projects and planning for P&amp;Z workshops on Zoning, Subdivisions, and Site Plans.</i>	116.0001	\$ 5,332.00
<u>Miscellaneous Projects:</u> <i>Coordinate with staff and review Pelds concept for private improvements to address Wells slope failure issues;</i>	116.0001	\$ 1,232.00
<u>Zoning &amp; Subdivision Ordinances:</u>	116.0001	\$ -
<b>SUBTOTAL</b>		<u><u>\$ 9,730.00</u></u>

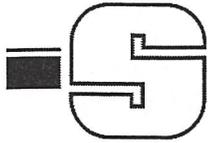
**CAPITAL IMPROVEMENT PROJECTS**

Davis and Tyler Street Intersection Improvements	115.0944	\$ 4,670.00
<b>SUBTOTAL</b>		<u><u>\$ 4,670.00</u></u>

**REIMBURSABLE DEVELOPMENT REVIEW PROJECTS**

Deer Haven Plat 2 Construction Drawings	116.0349	\$ 400.00
Deer Haven TIF Project	115.0778	\$ 806.00
Lake Ridge Heights Plat in 2-mile area	116.0453	\$ 850.00
Lakewoods Rezoning	116.0442	\$ 1,204.00
Parker Townhomes II: walk-thru public water main	115.0191	\$ 450.00
<b>SUBTOTAL</b>		<u><u>\$ 3,710.00</u></u>

<b>TOTAL</b>		<u><u>\$ 18,110.00</u></u>
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**INVOICE FOR PROFESSIONAL SERVICES**

June 30, 2016

City of Polk City  
 PO Box 426  
 112 3rd Street  
 Polk City, IA 50226-0426

Invoice No: 116.0001.01 - 5

**Project 116.0001.01 Polk City: General Engineering 2016**

**Professional Services through May 31, 2016**

**Council Meeting**

*Attend two City Council meetings.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	1.00	172.00	172.00	
Sr. Engineer	1.00	156.00	156.00	
<b>Total Services</b>	<b>2.00</b>			<b>328.00</b>
			<b>Task Subtotal</b>	<b>\$328.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>	
	<b>1,128.00</b>	<b>800.00</b>	<b>328.00</b>	

**P&Z Meeting**

*Attend one Planning & Zoning Commission meeting.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	1.00	172.00	172.00	
<b>Total Services</b>	<b>1.00</b>			<b>172.00</b>
			<b>Task Subtotal</b>	<b>\$172.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>	
	<b>860.00</b>	<b>688.00</b>	<b>172.00</b>	

**Other Meeting**

*Attend meetings with Jarrod Ruckle and Mark McMurphy re: Jensen annexation, rezoning, and development; with Wally Pelds re: Wells slope stability and conceptual design for private improvements; with Amy Beattie re: P&Z training workshops; and with Bruce Boland and Brian Sender re: Broken Arrow redevelopment project.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	9.00	172.00	1,548.00	
<b>Total Services</b>	<b>9.00</b>			<b>1,548.00</b>
			<b>Task Subtotal</b>	<b>\$1,548.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>	
	<b>4,386.00</b>	<b>2,838.00</b>	<b>1,548.00</b>	

**Building Dept**

*Questions and research responses for developer's and design engineers re: potential projects including potential soccer fields as Lakeside Fellowship and lighting of same and status of Twelve Oaks construction. Research re: Jensen parcel; Coordinate with Denny Bernholz re: Bridge Pointe stakes, need for pond as-builts, ADA sidewalks and driveways to serve as passing square. Coordinate with Gary Mahannah and Safe Buildings re: building setbacks on Eagle Way, field review of trailer on Nissan parcel, and need for Broadway sidewalks for Lots 40 and 41 of TCI Townhomes. Coordinate with Pat Carruthers-Green re: Kum & Go sign permit. Coordinate with Classic Builders and Dullard re: need for geotechnical engineer to design footings, service line extensions, setbacks, ROW dedication prior to Building Permit. Coordinate with Ryan Shabino re: relocating mechanical room at Bridge Pointe.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Planner	21.50	172.00	3,698.00
<b>Total Services</b>	21.50		<b>3,698.00</b>
<b>Task Subtotal</b>			<b>\$3,698.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>
	14,190.00	10,492.00	3,698.00

**Water Dept**

*Coordinate with Gary Mahannah, Bruce Lefkow, and Amy Beattie re: Letter of Credit in lieu of maintenance bond.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Planner	.50	172.00	86.00
<b>Total Services</b>	.50		<b>86.00</b>
<b>Task Subtotal</b>			<b>\$86.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>
	1,900.00	1,814.00	86.00

**Sanitary Sewers**

**Task Subtotal** 0.00

**Storm Sewers**

*Research Pine Ridge Estates existing drainage patterns and plat design, prepare Memo to document conditions; review Pelds concept for private improvements to address Wells' slope failure issue. Research and provide Luana storm water management plan and provide to Andrew Lorenzen for potential Boland development. Review Wood Street drainage issues.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Planner	5.00	172.00	860.00
Engineer IV	.25	112.00	28.00
<b>Total Services</b>	5.25		<b>888.00</b>
<b>Task Subtotal</b>			<b>\$888.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>
	7,816.00	6,928.00	888.00

**Street Dept**

*Coordinate with Jenny Gibbons re: request for 2nd driveway for Jesperson on 721 N. Broadway. Research for Andrew Lorenzen re: access easements and W. Bridge Road access management plan for potential Boland development near Luana Bank. Coordinate with Gary Mahannah re: pavement condition at Roosevelt/Davis intersection near access to Todd Drake development.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Planner	2.00	172.00	344.00
<b>Total Services</b>	2.00		<b>344.00</b>
<b>Task Subtotal</b>			<b>\$344.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>
	6,414.00	6,070.00	344.00

**General Areas**

*Coordinate with Amy Beattie re: parkland dedications calculations. Coordinate with Gary Mahannah, Jenny Gibbons, and Becky Leonard on miscellaneous issues including review and revise Council Resolutions, documents needed for packets, Council agenda items, and review P&Z minutes.*

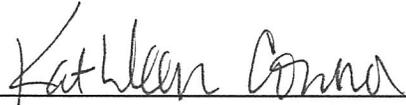
		<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner		15.50	172.00	2,666.00	
<b>Total Services</b>		15.50			<b>2,666.00</b>
			<b>Task Subtotal</b>		<b>\$2,666.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>		
	11,580.00	8,914.00	2,666.00		

**GIS Services**

*Coordinate with Jake Schreier re: street and address changes, pdfs of construction drawings, and street abandonment.*

			<b>Task Subtotal</b>	<b>0.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>	
	344.00	344.00	0.00	

			<b>Amount Due this Invoice</b>	<b>\$9,730.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>	
	48,618.00	38,888.00	9,730.00	

Snyder & Associates, Inc. 
  
 \_\_\_\_\_  
 Kathleen Connor



**ENGINEERS & PLANNERS**  
**SNYDER & ASSOCIATES, INC.**

IOWA | MISSOURI | NEBRASKA | SOUTH DAKOTA | WISCONSIN

**INVOICE FOR PROFESSIONAL SERVICES**

June 30, 2016

Gary Mahannah  
City of Polk City  
PO Box 426  
112 3rd Street  
Polk City, IA 50226-0426

Invoice No: 115.0944.01 - 5

Project 115.0944.01 Davis and Tyler St Intersection Reonstruction

Professional Services through May 31, 2016

**Basic Services**  
**Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Project Admin	1,700.00	100.00	1,700.00	1,700.00	0.00
Topo Survey	3,500.00	100.00	3,500.00	3,500.00	0.00
Preliminary Design	5,400.00	100.00	5,400.00	5,400.00	0.00
Final Design	4,700.00	100.00	4,700.00	4,700.00	0.00
Total Fee	15,300.00		15,300.00	15,300.00	0.00
<b>Total Fee</b>					<b>0.00</b>
<b>Phase Subtotal</b>					<b>0.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>		
	15,300.00	15,300.00	0.00		

**Construction Services**  
**Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Construction Admin	1,800.00	60.00	1,080.00	792.00	288.00
Construction Staking	2,000.00	100.00	2,000.00	240.00	1,760.00
Construction Observation	3,800.00	85.00	3,230.00	608.00	2,622.00
Total Fee	7,600.00		6,310.00	1,640.00	4,670.00
<b>Total Fee</b>					<b>4,670.00</b>

Project 115.0944.01 PlkCty-DavisandTylerStIntersectionRecon Invoice 5

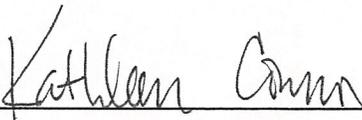
Phase Subtotal \$4,670.00

	Total	Prior	Current
Billings to Date	6,310.00	1,640.00	4,670.00

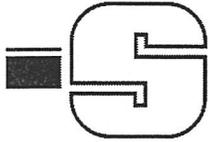
Amount Due this Invoice \$4,670.00

	Total	Prior	Current
Billings to Date	21,610.00	16,940.00	4,670.00

Snyder & Associates, Inc.



Kathleen Connor



**INVOICE FOR PROFESSIONAL SERVICES**

June 30, 2016

Gary Mahannah  
 City of Polk City  
 PO Box 426  
 112 3rd Street  
 Polk City, IA 50226-0426

Invoice No: 116.0349.01 - 2

**Project 116.0349.01 Deer Haven Plat 2**

**Professional Services through May 31, 2016**

**Construction Dwgs  
 Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	2,000.00	100.00	2,000.00	2,000.00	0.00
Submittal #2	1,000.00	100.00	1,000.00	1,000.00	0.00
Submittal #3	400.00	100.00	400.00	0.00	400.00
<b>Total Fee</b>	<b>3,400.00</b>		<b>3,400.00</b>	<b>3,000.00</b>	<b>400.00</b>
<b>Total Fee</b>					<b>400.00</b>
<b>Phase Subtotal</b>					<b>\$400.00</b>
<b>Billings to Date</b>	<b>Total 3,400.00</b>	<b>Prior 3,000.00</b>	<b>Current 400.00</b>		

**Final Plat  
 Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	850.00	0.00	0.00	0.00	0.00
Submittal #2	300.00	0.00	0.00	0.00	0.00
<b>Total Fee</b>	<b>1,150.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Fee</b>					<b>0.00</b>
<b>Phase Subtotal</b>					<b>0.00</b>

**Construction Phase**

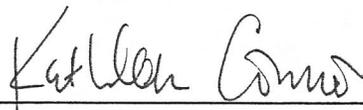
**Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Pre Construction Conference	375.00	0.00	0.00	0.00	0.00
Pre Pour Meeting	375.00	0.00	0.00	0.00	0.00
Construction Observation	8,964.00	0.00	0.00	0.00	0.00
Walk Thru Punchlist #1	450.00	0.00	0.00	0.00	0.00
Total Fee	10,164.00		0.00	0.00	0.00
<b>Total Fee</b>					<b>0.00</b>
<b>Phase Subtotal</b>					<b>0.00</b>

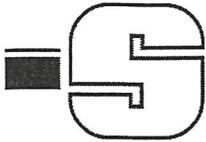
**Amount Due this Invoice** \$400.00

	Total	Prior	Current
Billings to Date	3,400.00	3,000.00	400.00

Snyder & Associates, Inc.



Kathleen Connor



**INVOICE FOR PROFESSIONAL SERVICES**

June 30, 2016

Gary Mahannah  
 City of Polk City  
 PO Box 426  
 112 3rd Street  
 Polk City, IA 50226-0426

Invoice No: 115.0778.01 - 9

**Project**            115.0778.01            **Deer Haven TIF Project**

**Professional Services through May 31, 2016**

**TIF Project**

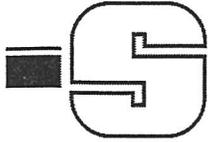
*Services include preparation for and attendance of meeting with John Kline, Toby Torstenson, Susan Evers, and Gary Mahannah; meeting follow up including research on number of water services on E. Broadway; and discuss project schedule and status with Gary Mahannah.*

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Planner	5.00	172.00	860.00
<b>Total Services</b>	5.00		<b>860.00</b>
<b>Phase Subtotal</b>			<b>\$860.00</b>

Amount Due this Invoice            \$860.00

	<u>Total</u>	<u>Prior</u>	<u>Current</u>
<b>Billings to Date</b>	13,978.50	13,118.50	860.00

Snyder & Associates, Inc.            *Kathleen Connor*  
Kathleen Connor



**INVOICE FOR PROFESSIONAL SERVICES**

June 30, 2016

Gary Mahannah  
 City of Polk City  
 PO Box 426  
 112 3rd Street  
 Polk City, IA 50226-0426

Invoice No: 116.0453.01 - 1

**Project 116.0453.01 Lake Ridge Heights (ETJ)**

**Professional Services through May 31, 2016**

**Preliminary Plat  
 Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal 1	850.00	100.00	850.00	0.00	850.00
Submittal 2	350.00	0.00	0.00	0.00	0.00
<b>Total Fee</b>	<b>1,200.00</b>		<b>850.00</b>	<b>0.00</b>	<b>850.00</b>
<b>Total Fee</b>					<b>850.00</b>
<b>Phase Subtotal</b>					<b>\$850.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>		
	<b>850.00</b>	<b>0.00</b>	<b>850.00</b>		

**Final Plat  
 Lump Sum Fees**

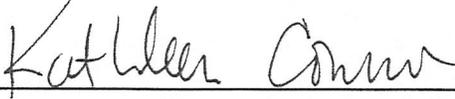
	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal 1	750.00	0.00	0.00	0.00	0.00
Submittal 2	300.00	0.00	0.00	0.00	0.00
<b>Total Fee</b>	<b>1,050.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Total Fee</b>					<b>0.00</b>

Project	116.0453.01	PlkCty-LakeRidgeHeights	Invoice	1
			<b>Phase Subtotal</b>	<b>0.00</b>

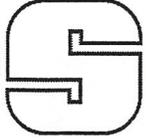
**Amount Due this Invoice** \$850.00

<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>
	850.00	0.00	850.00

Snyder & Associates, Inc.



Kathleen Connor



**ENGINEERS & PLANNERS**  
**SNYDER & ASSOCIATES, INC.**

IOWA | MISSOURI | NEBRASKA | SOUTH DAKOTA | WISCONSIN

**INVOICE FOR PROFESSIONAL SERVICES**

June 30, 2016

Gary Mahannah  
City of Polk City  
PO Box 426  
112 3rd Street  
Polk City, IA 50226-0426

Invoice No: 116.0442.01 - 1

Project 116.0442.01 Lakewoods Rezoning

Professional Services through May 31, 2016

**Rezoning**

*Services include review of petition for rezoning including consent tables and legal description; coordinate with Caleb Smith regarding zoning district boundary line at street center line and request concept plan for comparison; review concept sketch; coordinate with Caleb Smith re: lots do not meet proposed R-2 bulk regulations; coordinate with Gary Mahannah and Caleb Smith re: potential P.U.D. to address issues with bi-attached units and need for comp plan amendment; prepare memo with review comments and provide to developer and City Clerk for P&Z packets.*

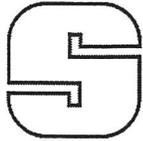
	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	7.00	172.00	1,204.00	
<b>Total Services</b>	7.00			<b>1,204.00</b>
		<b>Task Subtotal</b>		<b>\$1,204.00</b>

Amount Due this Invoice \$1,204.00

	<u>Total</u>	<u>Prior</u>	<u>Current</u>
Billings to Date	1,204.00	0.00	1,204.00

Snyder & Associates, Inc.

Kathleen Connor



**INVOICE FOR PROFESSIONAL SERVICES**

June 30, 2016

Gary Mahannah  
 City of Polk City  
 PO Box 426  
 112 3rd Street  
 Polk City, IA 50226-0426

Invoice No: 115.0191.01 - 6

**Project 115.0191.01 Parker Townhomes II Site Plan**

**Professional Services through May 31, 2016**

**Site Plan Review  
 Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	950.00	100.00	950.00	950.00	0.00
Submittal #2	500.00	100.00	500.00	500.00	0.00
Submittal #3	250.00	100.00	250.00	250.00	0.00
Submittal #4	250.00	100.00	250.00	250.00	0.00
Total Fee	1,950.00		1,950.00	1,950.00	0.00
<b>Total Fee</b>					<b>0.00</b>
<b>Phase Subtotal</b>					<b>0.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>		
	1,950.00	1,950.00	0.00		

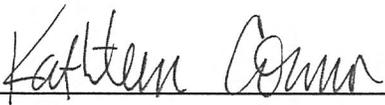
**Construction Drawing Review  
 Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	350.00	100.00	350.00	350.00	0.00
Submittal #2	200.00	100.00	200.00	200.00	0.00
Total Fee	550.00		550.00	550.00	0.00
<b>Total Fee</b>					<b>0.00</b>
<b>Phase Subtotal</b>					<b>0.00</b>
<b>Billings to Date</b>	<b>Total</b>	<b>Prior</b>	<b>Current</b>		
	550.00	550.00	0.00		

**Construction Phase  
Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Pre Const Conference	375.00	100.00	375.00	375.00	0.00
Construction Observation	457.00	100.00	457.00	457.00	0.00
Walk Thru/Punchlist #1	450.00	100.00	450.00	0.00	450.00
Punchlist #2	200.00	0.00	0.00	0.00	0.00
<b>Total Fee</b>	<b>1,482.00</b>		<b>1,282.00</b>	<b>832.00</b>	<b>450.00</b>
<b>Total Fee</b>					<b>450.00</b>
<b>Phase Subtotal</b>					<b>\$450.00</b>
<b>Billings to Date</b>	<b>Total 1,282.00</b>	<b>Prior 832.00</b>	<b>Current 450.00</b>		

				<b>Amount Due this Invoice</b>	<b>\$450.00</b>
<b>Billings to Date</b>	<b>Total 3,782.00</b>	<b>Prior 3,332.00</b>	<b>Current 450.00</b>		

Snyder & Associates, Inc. 

Kathleen Connor

# Polk City Water Department

## Monthly Report

Month June

Year 2016

Total Water Pumped 18758930 Gallons  
Monthly Daily Avg 625297 Gallons

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### Testing Results

- **SDWA Bacteriological Coliform Analysis absent University Hygienic Lab.**  
**Fecal Coliform Analysis-** Sample incubated 35c for 48 hrs then examine for gas production. Gas production verifies presence of fecal coliform organisms.
- **Fluoride Analysis .6 University Hygienic Lab.**  
A fluoride concentration of approx. 1mg/l in drinking water effectively reduces dental caries without harmful effects on health. MCL for fluoride is 4.0 mg/l.  
**Fluoride at Plant- Monthly Average .88 mg/l Polk City Lab.**  
**Fluoride in System- Monthly Average .80 mg/l Polk City Lab.**
- **Chlorine Free At Plant- Monthly Average 2.23 mg/l Polk City Lab.**  
**Chlorine Total at plant- Monthly Average 3.11 mg/l Polk City Lab.**  
**Chlorine Free in System- Monthly Average 1.19 mg/l Polk City Lab.**  
**Chlorine Total in System- Monthly Average 1.38 mg/l Polk City Lab.**  
Chlorine requirement is the quantity of chlorine that must be added to H<sub>2</sub>O to achieve complete disinfection of pathogens and protozoa. Chlorine residuals will vary widely depending on organic loading. We also use chlorine to oxidize iron prior to filtration.
- **Iron Raw Water- Monthly Average 6.80 mg/l Polk City Lab.**  
**Iron Finish Water- Monthly Average .01 mg/l Polk City Lab.**  
**Iron System Water- Monthly Average .01 mg/l Polk City Lab.**  
Iron occurs in rocks and minerals in the earth's crust. It's the 4<sup>th</sup> most abundant element respectively. Iron has no effect on human health; its main objection is aesthetics. Concentrations of Iron in finish H<sub>2</sub>O should be between 0.03-0.06mg/l.
- **Manganese Raw Water- Monthly Average .26 mg/l Polk City Lab.**  
**Manganese Finish Water- Monthly Average .09 mg/l Polk City Lab.**  
**Manganese System Water- Monthly Average .01 mg/l Polk City Lab.**  
Manganese also occurs in rocks and the earth's crust. It is the 7<sup>th</sup> most abundant element. Manganese is extremely difficult to remove. Concentrations of Manganese in finish H<sub>2</sub>O should not exceed 0.05mg/l or black staining of plumbing fixtures may occur. No effect on human health.
- **pH Raw Water Monthly Average 7.9 mg/l Polk City Lab.**  
**pH Finish Water-Monthly Average 7.7 mg/l Polk City Lab.**  
**pH System Water- Monthly Average 8.0 mg/l Polk City Lab.**  
pH scale ranges from 0-14 with 7 being considered neutral. Below 7 becomes corrosive to plumbing, above 7 tends to deposit minerals in plumbing. We add caustic soda to maintain proper pH, which should range between 7.5-7.9 in finish water.

Total Tests Performed- Polk City Lab \_\_\_\_\_

Total Hours to perform tests \_\_\_\_\_

# **Polk City PD Monthly Report**

## **June 2016**

June was a busy month for PCPD. The department purchased a new patrol vehicle from Stew Hansen Dodge in Urbandale. It is a 2015 Charger Police Package. The car is being striped now and should be back to the city in time for the parade on July 16<sup>th</sup>. The new car will need a computer and video system installed next. It is anticipated that it will go in service in mid-August.

New ballistic vests were ordered for the four patrol officers and Sgt. Bjornson in June. All 5 of their vests were past the expiration date.

Chief Kendig worked in June with Jake Schreier to update the police department's technology equipment. This will be an ongoing project that will properly equip the police department for future technology needs.

The police department implemented a new schedule for the patrol officers. The options were discussed and it was decided that they will work a rotating days off schedule with 12 hr days. This allows the patrol officers to have every other weekend off.

There were several burglaries around Big Creek over the 4<sup>th</sup> of July weekend. One house under construction here in town was also burglarized. It is not known if some or all of the incidents are connected. The burglary scene in Polk City was processed and the case is being investigated.



Polk City Police Department  
Calls for Service/Activity Report  
2016

7/6/2016

Incident Type	2016												YTD Total	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Monthly Avg
Administrative Complaint	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcohol Driving Violation (Juvenile)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animal Bite	0	0	0	0	1	1								2
Animal Complaint	4	4	3	5	13	13								42
Arrest (Other)	0	0	0	0	0	1								1
Arson	0	0	0	0	0	0								0
Assault	2	1	0	1	0	1								5
Assisting Fire Dept/Rescue	20	16	21	14	22	16								109
Assisting Law Enforcement Agency	5	7	3	11	17	23								66
Assisting Public	41	49	44	42	57	52								285
Attempted Suicide	0	2	1	0	0	1								4
Burglary	2	1	0	4	0	0								7
Civil Dispute	1	1	0	6	3	1								12
Community Room Scheduling	6	0	7	2	4	4								23
Complaint of Snowmobile	0	0	0	0	0	0								0
Criminal Mischief	2	2	0	5	4	1								14
Criminal Trespass	1	1	1	1	0	2								6
Death Investigation	0	0	0	0	0	0								0
Disturbing the Peace	0	4	1	6	6	7								24
Domestic Assault	0	0	1	0	1	0								2
Domestic Quarrel	0	2	2	6	6	6								22
Driving While Intoxicated	0	0	1	1	0	1								3
Fight	0	0	0	0	0	0								0
Found Property	1	0	5	6	4	5								21
Fraud	2	0	2	0	0	2								6
Gambling Permit Violation	0	0	0	0	0	0								0
Harassment	4	0	9	2	1	0								16
Illegal Burning	0	0	1	0	0	0								1
Illegal Parking	2	4	22	5	10	6								49
Impounded Animal	1	1	0	1	0	4								7
Incomplete 911 Call	0	0	2	3	1	1								7
Indecent Exposure	0	0	0	0	0	0								0
Loitering	0	0	0	0	0	0								0
Mental Subject	0	0	0	0	0	1								1
Missing Person	0	0	4	1	2	0								7
Narcotics Investigation	3	0	0	1	2	0								6
Open Door	2	1	2	1	2	8								16
Peddling Permit Violation	0	0	0	0	0	0								0
Possession of Alcohol/Tobacco by Minor	1	0	0	0	4	0								5
Prowler	0	0	0	0	0	0								0

Incident Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Avg	YTD Total
Public Intoxication	0	0	1	0	0	1								2
Records Check	13	8	10	9	21	37								98
Residential or Commercial Alarm	7	6	5	5	4	4								31
Serving Search Warrant	0	0	0	0	0	0								0
Suicide	0	1	1	1	0	0								3
Supplying Alcohol to a Minor	0	0	0	0	0	0								0
Suspicious Person	8	3	14	7	12	21								65
Theft	2	1	4	5	4	2								18
Traffic Arrest	0	1	4	0	2	2								9
Traffic Citations/Warnings	58	49	29	29	72	64								58
Vehicle (Abandoned)	0	2	2	0	1	0								5
Vehicle (Disabled)	17	3	8	9	11	14								62
Vehicle (Impounded)	1	0	0	0	0	1								2
Vehicle (Obsolete)	0	0	0	0	0	0								0
Vehicle (Suspicious)	14	12	13	8	10	12								69
Vehicle Crash (Hit & Run)	0	0	0	0	0	0								0
Vehicle Crash (Personal Injury)	1	3	0	0	0	0								4
Vehicle Crash (Property Damage)	2	0	3	2	3	1								11
Violation of Court Order	0	0	0	0	0	0								0
Warrant Arrest	1	2	0	0	0	0								3
Welfare Check	2	0	2	3	1	6								14
<b>Monthly Totals:</b>	<b>226</b>	<b>187</b>	<b>228</b>	<b>202</b>	<b>301</b>	<b>322</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>1209</b>
<b>Year to Date Total:</b>														<b>1209</b>

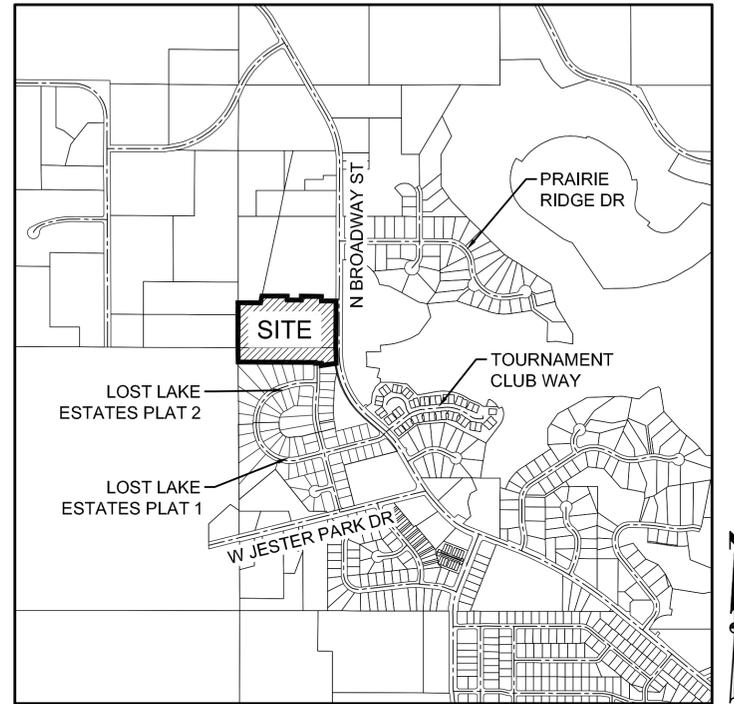
Note: Numbers in green indicate above average activity for that category in that month

# CONSTRUCTION PLANS FOR: LOST LAKE ESTATES PLAT 3

## POLK CITY, IOWA

### VICINITY MAP

NOT TO SCALE



### POLK CITY, IOWA

### INDEX OF SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	HYDRANT COVERAGE PLAN
3-4	TYPICAL SECTIONS AND DETAILS
5	QUANTITIES AND REFERENCE NOTES
6	TYPICAL POLK CITY CONSTRUCTION NOTES
7-8	GRADING PLAN
9-10	EROSION AND SEDIMENT CONTROL PLAN
11-17	PLAN AND PROFILES
18-21	WATER MAIN PLAN AND PROFILES
22-24	INTERSECTION DETAILS

### GENERAL LEGEND

PROPOSED	EXISTING
SECTION LINE	SANITARY MANHOLE
CENTER LINE	WATER VALVE BOX
RIGHT OF WAY	FIRE HYDRANT
PERMANENT EASEMENT	WATER CURB STOP
TEMPORARY EASEMENT	WELL
TYPE SW-501 STORM INTAKE	STORM SEWER MANHOLE
TYPE SW-503 STORM INTAKE	STORM SEWER SINGLE INTAKE
TYPE SW-505 STORM INTAKE	STORM SEWER DOUBLE INTAKE
TYPE SW-506 STORM INTAKE	FLARED END SECTION
TYPE SW-513 STORM INTAKE	DECIDUOUS TREE
TYPE SW-401 STORM MANHOLE	CONIFEROUS TREE
TYPE SW-402 STORM MANHOLE	DECIDUOUS SHRUB
TYPE SW-301 SANITARY MANHOLE	CONIFEROUS SHRUB
STORM/SANITARY CLEANOUT	ELECTRIC POWER POLE
WATER VALVE	GUY ANCHOR
FIRE HYDRANT ASSEMBLY	STREET LIGHT
SIGN	POWER POLE W/ TRANSFORMER
DETECTABLE WARNING PANEL	UTILITY POLE W/ LIGHT
WATER CURB STOP	ELECTRIC BOX
STORM SEWER STRUCTURE NO.	ELECTRIC TRANSFORMER
STORM SEWER PIPE NO.	ELECTRIC MANHOLE OR VAULT
SANITARY SEWER STRUCTURE NO.	TRAFFIC SIGN
SANITARY SEWER PIPE NO.	TELEPHONE JUNCTION BOX
SANITARY SEWER WITH SIZE	TELEPHONE MANHOLE/VAULT
SANITARY SERVICE	TELEPHONE POLE
STORM SEWER	GAS VALVE BOX
STORM SERVICE	CABLE TV JUNCTION BOX
WATERMAIN WITH SIZE	CABLE TV MANHOLE/VAULT
WATER SERVICE	MAIL BOX
SAWCUT (FULL DEPTH)	BENCHMARK
SILT FENCE	SOIL BORING
USE AS CONSTRUCTED (UAC)	UNDERGROUND TV CABLE
MINIMUM PROTECTION ELEVATION (MPE)	GAS MAIN
TOP OF PROPOSED GROUND (TG)	FIBER OPTIC
	UNDERGROUND TELEPHONE
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	FIELD TILE
	SANITARY SEWER W/ SIZE
	STORM SEWER W/ SIZE
	WATER MAIN W/ SIZE

### OWNER / DEVELOPER

DIAMOND DEVELOPMENT LLC  
CONTACT: DARRYL BRESSON  
309 EAST 1ST STREET  
ANKENY, IOWA 50021

### ENGINEER / SURVEYOR

CIVIL DESIGN ADVANTAGE  
CONTACT: ERIN OLLENDIKE  
3405 SE CROSSROADS DRIVE, SUITE G  
GRIMES, IOWA 50111  
PH. (515) 369-4400  
FX. (515) 369-4410

### ZONING

R-1AR RESTRICTED TO A MINIMUM 80' LOT WIDTH, 9500 SF AREA AND 35' REAR YARD SETBACK

### BENCHMARKS

BM#1  
BURY BOLT NW CORNER WEST BROADWAY & KINGS PLACE  
ELEVATION=972.52

BM#2  
SANITARY SEWER MANHOLE NE CORNER BROADWAY & TOURNAMENT CLUB WAY  
ELEVATION=968.71

### SUBMITTAL DATES

FIRST SUBMITTAL: 06/02/2016  
SECOND SUBMITTAL: 06/28/2016

### LEGAL DESCRIPTION

PARTS OF LOT 16, LOT 18, LOT 19, LOT 20 AND LOT 21 AND OUTLOT 'Z', LOST LAKE ESTATES PLAT 2, AN OFFICIAL PLAT, ALL LYING IN THE WEST HALF OF SECTION 35, TOWNSHIP 81 NORTH, RANGE 25 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF POLK CITY, POLK COUNTY, IOWA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE WEST QUARTER CORNER OF SAID SECTION 35; THENCE NORTH 0°13'24" WEST ALONG THE WESTERLY LINE OF SAID SECTION 35, 450.08 FEET; THENCE NORTH 89°13'57" EAST, 225.00 FEET; THENCE NORTH 11°53'30" EAST, 32.39 FEET; THENCE SOUTH 89°48'49" EAST, 257.58 FEET; THENCE SOUTH 0°11'11" WEST, 19.35 FEET; THENCE SOUTH 89°48'49" EAST, 140.00 FEET; THENCE NORTH 0°11'11" EAST, 37.21 FEET; THENCE SOUTH 89°48'49" EAST, 200.00 FEET; THENCE SOUTH 0°11'11" WEST, 47.91 FEET; THENCE SOUTH 89°48'49" EAST, 150.00 FEET; THENCE SOUTH 0°11'11" WEST ALONG SAID RIGHT-OF-WAY LINE, 516.27 FEET; THENCE CONTINUING ALONG SAID RIGHT-OF-WAY LINE SOUTHERLY ALONG A CURVE CONCAVE EASTERLY WHOSE RADIUS IS 851.51 FEET, WHOSE ARC LENGTH IS 102.01 FEET, AND WHOSE CHORD BEARS SOUTH 3°14'45" EAST, 101.95 FEET TO THE NORTHEAST CORNER OF OUTLOT 'Z', LOST LAKE ESTATES PLAT 1, AN OFFICIAL PLAT; THENCE SOUTH 7°35'33" EAST CONTINUING ALONG SAID RIGHT-OF-WAY LINE, 22.14 FEET; THENCE NORTH 89°49'19" WEST ALONG THE SOUTHERLY LINE OF SAID OUTLOT 'Z', LOST LAKE ESTATES PLAT 2, 159.10 FEET TO THE SOUTHWEST CORNER OF SAID OUTLOT 'Z', SAID PLAT 2; THENCE NORTH 0°11'11" EAST ALONG THE WESTERLY LINE OF SAID OUTLOT 'Z', SAID PLAT 2, 21.96 FEET TO THE NORTHWEST CORNER OF SAID OUTLOT 'Z', SAID PLAT 2; THENCE NORTH 89°48'49" WEST ALONG THE NORTHERLY LINE OF SAID PLAT 2, 60.00 FEET TO THE EASTERLY LINE OF LOT 29, SAID PLAT 2; THENCE NORTH 0°11'11" EAST CONTINUING ALONG SAID NORTHERLY LINE, 8.95 FEET; THENCE NORTH 89°48'49" WEST CONTINUING ALONG SAID NORTHERLY LINE, 764.56 FEET TO THE NORTHWEST CORNER OF SAID PLAT 2; THENCE NORTH 0°18'59" WEST ALONG SAID WESTERLY LINE OF SAID SECTION 35, 153.63 FEET TO THE POINT OF BEGINNING AND CONTAINING 14.20 ACRES (618,719 SQUARE FEET).

PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.



### UTILITY WARNING

ANY UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL THE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION SHOWN.



CIVIL DESIGN ADVANTAGE

3405 SE CROSSROADS DR. SUITE G GRIMES, IOWA 50111

PH: (515) 369-4400 Fax: (515) 369-4410

PROJECT NO. 1604.189

THIS PROJECT REQUIRES AN IOWA NPDES PERMIT #2. CIVIL DESIGN ADVANTAGE WILL PROVIDE THE PERMITS AND THE INITIAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE CONTRACTORS USE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING THE SWPPP THROUGHOUT CONSTRUCTION AND MEETING LOCAL, STATE AND FEDERAL REQUIREMENTS.

REFER TO THE NORTH BROADWAY CONCEPT GEOTECHNICAL ENGINEERING REPORT PREPARED BY CONSTRUCTION MATERIALS TESTING (CMT) DATED SEPTEMBER 21, 2012 AND THE ADDENDUM LETTER PREPARED BY CMT DATED APRIL 29, 2013, FOR GEOTECHNICAL REQUIREMENTS.

THE 2016 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK ON THIS PROJECT EXCEPT AS MODIFIED HEREIN.

ERIN K. OLLENDIKE, P.E.  
16926  
IOWA

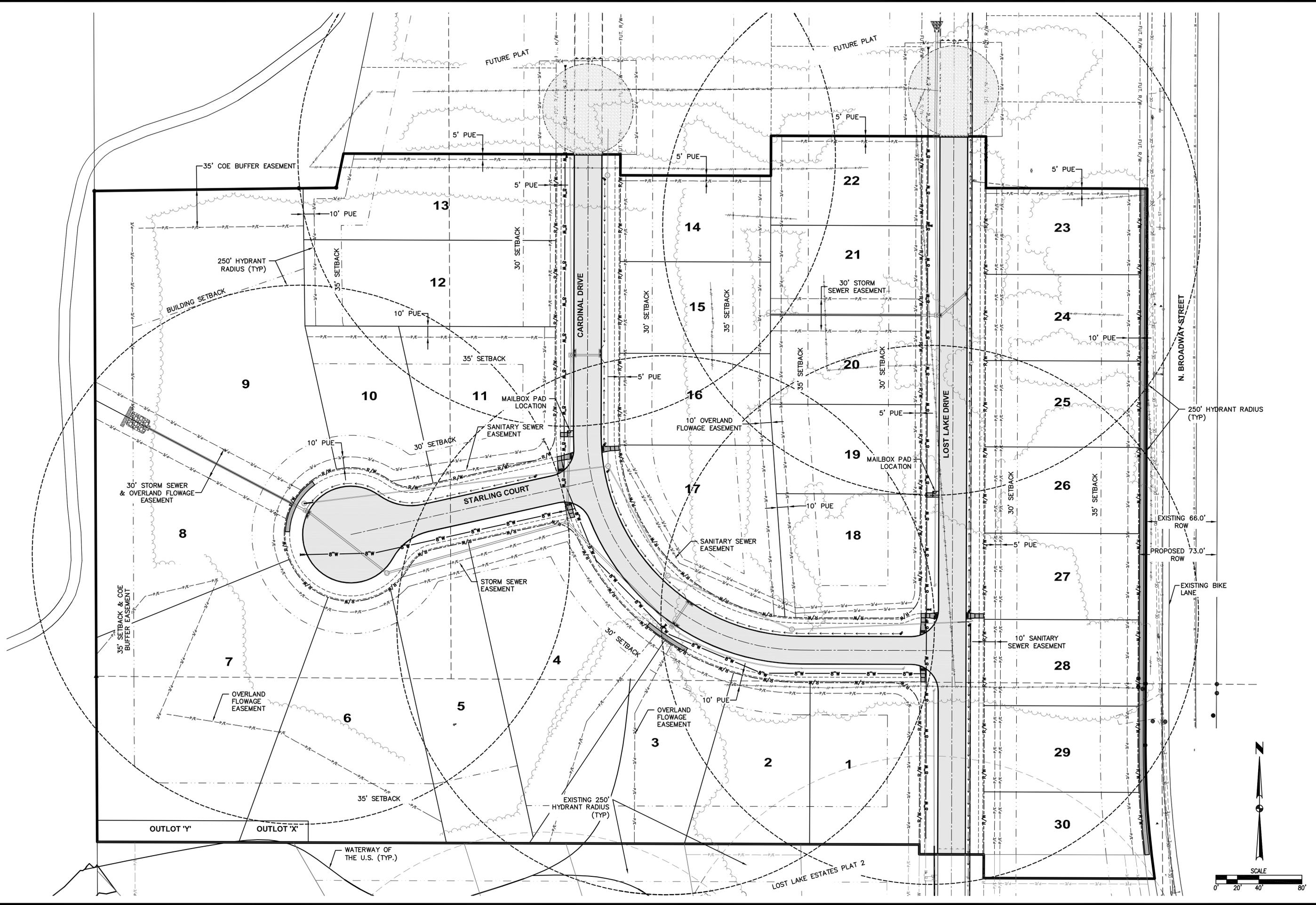
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

DATE \_\_\_\_\_

PRELIMINARY  
NOT FOR CONSTRUCTION

ANY LICENSE RENEWAL DATE IS DECEMBER 31, 2017  
PAGES OR SHEETS COVERED BY THIS SEAL:  
ALL SHEETS

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DATE: 6/29/2016 9:36 AM  
DRAWING: 1604189  
EKO



REVISIONS	DATE
FIRST SUBMITTAL	06/28/16
SECOND SUBMITTAL	

3405 S.E. CROSSROADS DRIVE, SUITE G  
GRIMES, IOWA 50111  
PHONE: (515) 369-4400 FAX: (515) 369-4410  
ENGINEER: EKO EI: GH



# LOST LAKE ESTATES PLAT 3

## HYDRANT COVERAGE PLAN







DATE	06/28/16
REVISIONS	
SECOND SUBMITTAL	
FIRST SUBMITTAL	

3405 S.E. CROSSROADS DRIVE, SUITE G  
GRIMES, IOWA 50111  
PHONE: (515) 369-4400 FAX: (515) 369-4410  
ENGINEER: EKO  
E.I.: GH



**LOST LAKE ESTATES PLAT 3**  
**QUANTITIES AND REFERENCE NOTES**  
POLK CITY, IOWA

**ESTIMATED PROJECT QUANTITIES**

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1	COMBINED CLEARING AND GRUBBING	AC	27.2
2	STRIPPING, SALVAGING AND SPREAD TOPSOIL	LS	1
3	CLASS 10 EXCAVATION	LS	1
4	SUBGRADE PREPARATION	SY	5966
5	CONNECT TO EXISTING SANITARY SEWER	EA	1
6	SANITARY SEWER GRAVITY MAIN, 8" DIA	LF	986
7	SANITARY SERVICE STUB	EA	30
8	CONNECT TO EXISTING STORM SEWER	EA	2
9	SUBDRAIN, PVC, 4" DIA	LF	1571
10	STORM SEWER, TRENCHED, RCP, 15" DIA	LF	792
11	STORM SEWER, TRENCHED, RCP, 18" DIA	LF	564
12	COMBINATION STORM SEWER SUMP, 8" DIA	LF	795
13	STORM SEWER SERVICE STUB	EA	30
14	STORM SEWER, 15" RCP APRON	EA	3
15	STORM SEWER, 18" RCP APRON	EA	3
16	FOOTING FOR CONCRETE PIPE APRON, RCP, 15" DIA	EA	3
17	FOOTING FOR CONCRETE PIPE APRON, RCP, 18" DIA	EA	3
18	PIPE APRON GUARD	EA	6
19	CONNECT TO EXISTING WATERMAIN	EA	1
20	WATER MAIN, TRENCHED, 8" DIA	LF	1796
21	WATER SERVICE STUB, 1" DIA	EA	30
22	VALVE, 8" DIA	EA	6
23	FIRE HYDRANT ASSEMBLY	EA	5
24	TEMPORARY FIRE HYDRANT ASSEMBLY	EA	1
25	TEMPORARY FIRE HYDRANT ASSEMBLY (RELOCATE)	EA	1
26	MANHOLE, TYPE SW-301, 48" DIA	EA	5
27	MANHOLE, TYPE SW-401, 48" DIA	EA	4
28	MANHOLE, TYPE SW-401, 60" DIA	EA	1
29	INTAKE, TYPE SW-501	EA	1
30	INTAKE, TYPE SW-503	EA	1
31	INTAKE, TYPE SW-505	EA	2
32	INTAKE, TYPE SW-506	EA	3
33	STORM SEWER CLEANOUT	EA	10
34	PAVEMENT, 6" REINFORCED P.C.C.	SY	5228
35	SIDEWALK RAMPS, 6" P.C.C.	SY	60
36	SIDEWALK, 4" P.C.C.	SY	288
37	MAILBOX PAD, 12" P.C.C.	SY	7
38	FLUME, 6" P.C.C.	SY	188
39	DETECTABLE WARNING PANELS	SF	64
40	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING	AC	26.0
41	ROAD CLOSURE SIGNS	EA	5
42	ROAD CLOSURE SIGNS (RELOCATE)	EA	5
43	DEMOLITION	LS	1
44	6-INCH GRANULAR TURNAROUND	SY	1236
45	CLASS "E" RIP-RAP	TONS	35
46	TURF REINFORCEMENT MAT, LANDLOK 300	SF	60

**ESTIMATE REFERENCE INFORMATION**

Data listed below is for informational purpose only and shall not constitute a basis for any extra work orders.

ITEM NO.	DESCRIPTION
	THE 2016 EDITION OF SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK PERFORMED ON THIS PROJECT EXCEPT AS OTHERWISE NOTED. ALL REFERENCES TO SECTIONS AND FIGURES ARE TO THE SUDAS STANDARD SPECIFICATIONS.
1	CLEAN AND GRUB ALL AREAS AFFECTED BY GRADING OPERATIONS. THE CONTRACTOR SHALL FIELD VERIFY CLEARING AND GRUBBING NEEDS PRIOR TO BIDDING. INCLUDES REMOVAL OF ANY EXISTING FIELD FENCE. ALL MATERIAL THAT IS REMOVED FROM THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
2	STRIP, SALVAGE AND RESPREAD TOPSOIL. RESPREAD SALVAGED TOPSOIL WITHIN THE RIGHT OF WAY, ON BACKSLOPES AND IN DEVELOPED AREAS. TOPSOIL TO BE RESPREAD SHALL BE FREE OF ROCK AND DEBRIS AND BE SUITABLE FOR THE GROWTH OF GRASS. COORDINATE LOCATION OF STOCKPILE WITH OWNER.
3	EXCAVATION INCLUDES ALL WORK NECESSARY TO ACHIEVE PROPER GRADES AS SHOWN IN THE PLANS. NO PAYMENT FOR OVERHAUL SHALL BE ALLOWED.
4	REFER TO SHEET 3 TYPICAL SECTION DETAIL FOR TYPICAL LOCATIONS AND THICKNESS.
5	REFER TO SHEET 11 FOR LOCATION.
6-13	REFER TO FIG. 3010.101 AND 3010.103 FOR PIPE EMBEDMENT AND BACKFILL DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. CONNECTION TO EXISTING SEWER SHALL BE CONSIDERED INCIDENTAL. COMPACTION TESTING TO BE PROVIDED ALONG EXISTING SANITARY SEWER LOCATED ON LOST LAKE DRIVE THAT WAS INSTALLED DURING LOST LAKE ESTATES PLAT 1 CONSTRUCTION ACTIVITIES..
7	REFER TO SHEET 3 FOR TYPICAL SANITARY SEWER SERVICE STUB DETAIL. RISERS WERE INSTALLED WITH LOST LAKE ESTATES PLAT 1 CONSTRUCTION FOR LOTS 18-30. REFER TO SHEETS 10 AND 11 FOR LOCATIONS. EXISTING SANITARY SEWER TO BE FLUSHED ONCE SERVICE EXTENSIONS ARE INSTALLED. IF NEW SERVICE WYES ARE INSTALLED, THE EXISTING SANITARY SEWER WILL NEED TO BE RE-TELEVIEWED AND MAY BE SUBJECT TO ADDITIONAL TESTING.
8	REFER TO SHEETS 10 AND 16 FOR LOCATIONS.
9	REFER TO FIG. 4040.231 - SUBDRAINS. TYPE 1 (CASE 'A') INSTALLATION
12	REFER TO FIG. 4040.231 - SUBDRAINS. TYPE 2 (CASE 'D') INSTALLATION
14-17	THE LAST THREE SECTIONS AND APRON SHALL BE CONNECTED WITH PIPE CONNECTORS, PER SECTION 4030, 3.02C. REFER TO FIG. 4030.221 FOR RCP APRON SECTION FOOTING DETAIL FOR APRON INSTALLATION DETAILS.
18	APRON GUARD REQUIRED ON ALL APRONS. REFER TO IOWA DOT STANDARD ROAD PLAN RF-26 FOR DETAILS.
19	REFER TO SHEETS 17 FOR LOCATIONS.
20-21	REFER TO FIG. 3010.101 AND 3010.104 FOR PIPE EMBEDMENT DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. REFER TO FIG. 5010.101 FOR THRUST BLOCK DETAILS. PROVIDE POLYETHYLENE ENCASEMENT PER SECTION 5010 3.05. REFER TO FIG. 5010.102 FOR TRACER WIRE DETAILS. ALL FITTINGS, THRUST BLOCKS, POLYETHYLENE ENCASEMENT AND TRACER SYSTEM SHALL BE CONSIDERED INCIDENTAL.
23-25	REFER TO FIG. 5020.201 - FIRE HYDRANT DETAIL FOR FIRE HYDRANT CONSTRUCTION DETAILS. INCLUDES ANCHORING TEE, ANCHORING ELBOW, GATE VALVE, VALVE BOX, ANCHORING PIPE, ANCHORING COUPLING, ELBOWS AND FIRE HYDRANT.
26	REFER TO FIG. 6010.301 FOR SW-301 SANITARY SEWER MANHOLE CONSTRUCTION DETAILS. REFER TO FIG. 6010.601 - CASTINGS FOR SANITARY SEWER MANHOLES FOR CASTING DETAILS. TYPE A CASTINGS WITH TYPE 1/1 TOP HAT BARRIERS ARE REQUIRED FOR ALL MANHOLES. A MAXIMUM OF 12" OF ADJUSTMENT RINGS ARE ALLOWED FOR NEW CONSTRUCTION.
27-28	REFER TO FIG. 6010.401 - SW-401 CIRCULAR STORM SEWER MANHOLE FOR CONSTRUCTION DETAILS.
29	REFER TO FIG. 6010.501 - SW-501 SINGLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
30	REFER TO FIG. 6010.503 - SW-503 SINGLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
31	REFER TO FIG. 6010.505 - SW-505 DOUBLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
32	REFER TO FIG. 6010.506 - SW-506 DOUBLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
33	REFER TO FIG. 4040.232 - SUBDRAIN CLEANOUTS FOR CONSTRUCTION DETAILS.
34	REFER TO FIG. 7010.101 - JOINTS (TRANSVERSE CONTRACTION) AND FIG. 7010.4B - JOINTS (LONGITUDINAL CONTRACTION) FOR JOINT DETAILS. INSTALL HANDICAP CURBS AT LOCATIONS OF ALL FUTURE SIDEWALKS. REFER TO INTERSECTION SHEETS FOR JOINTING. TYPICAL C JOINT SPACING IS 15 FEET.
35,39	ALL ACCESSIBLE RAMPS SHALL BE INSTALLED WITH THE PUBLIC IMPROVEMENTS. DETECTABLE WARNING PANELS ARE TO BE GRAY IN COLOR.
37	REFER TO SHEET 3 FOR CONSTRUCTION DETAILS. REFER TO PLAN AND PROFILE SHEETS FOR LOCATIONS.
38	REFER TO SHEET 4 FOR CONSTRUCTION DETAILS.
40	SEED MIXTURE SHALL CONFORM TO THE SPECIFICATIONS FOR A TYPE(4) SEED MIXTURE. SEED AND MULCH ALL DISTURBED AREAS ONCE THEY ARE AT FINAL GRADE WITH TYPE 4 (URBAN TEMPORARY EROSION CONTROL MIXTURE).
41-42	FIVE OF THE PROPOSED SIGNS SHALL BE REMOVED AND REUSED FROM THE END OF LOST LAKE DRIVE.
43	ITEM SHALL INCLUDE REMOVAL OF ALL FIELD FENCE, ELECTRICAL POLES ON PROPERTY AND FIELD ENTRANCE. WORK WITH ELECTRIC COMPANY TO ENSURE SERVICE HAS BEEN ABANDONED. REFER TO SHEET TO LOCATION OF FIELD ENTRANCE.
44	REFER TO PLAN AND PROFILE SHEETS FOR LOCATIONS.
45	REFER TO FIG. 9040.10 - RIP RAP APRON FOR PIPE OUTLET ONTO FLAT GROUND FOR CONSTRUCTION DETAILS.
46	REFER TO SHEET 14 FOR LOCATION.

**GENERAL NOTES**

- WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.  
  
THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT 800-292-8989 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
- PRIOR TO CONSTRUCTION AND PRIOR TO CULVERT CONSTRUCTION AND BACKFILL, UTILITY CONSTRUCTION, SUBGRADE PREP, MAIN LINE PAVING, AND BOX-OUT PAVING, CONTRACTOR SHALL NOTIFY (48 HRS NOTICE) THE FOLLOWING:  
A. CITY OF POLK CITY  
B. SNYDER & ASSOCIATES  
C. APPROPRIATE UTILITY COMPANIES  
D. OWNER  
E. CIVIL DESIGN ADVANTAGE
- THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING HIS EQUIPMENT ON THE PAVEMENT OR SIDEWALK.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN ALL SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT. INCLUDING STAGING OF CONSTRUCTION DETAILS.
- THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
- THE CONTRACTOR MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR THE CITY, TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY.
- SPECIAL CARE SHALL BE TAKEN WHEN FORMING AT INTERSECTIONS SO THE PROFILES SHOWN ON THE PLANS AND THE ELEVATIONS SHOWN ON THE INTERSECTION DETAILS ARE OBTAINED. SHORT LENGTHS OF FORMS OR FLEXIBLE FORMS MAY BE NECESSARY AT THESE LOCATIONS.
- TO OBTAIN THE CORRECT FORM GRADES AT LOW POINTS WHERE INTAKES ARE LOCATED, THE CONTRACTOR MUST EXERCISE ADDITIONAL CARE WHEN PAVING FULL WIDTH PAVEMENTS. THIS MAY REQUIRE POURING ONE HALF OF THE PAVEMENT AT A TIME OR OTHER METHODS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE PROPOSED AND EXISTING RIGHT OF WAY, CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS.
- PLAN AND PROFILE SHEETS INCLUDED IN THE PROJECT ARE FOR THE PURPOSE OF ALIGNMENT, LOCATION AND SPECIFIC DIRECTIONS FOR WORK TO BE PERFORMED UNDER THIS CONTRACT. IRRELEVANT DATA ON THESE SHEETS IS NOT TO BE CONSIDERED A PART OF THIS CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED ON THE STORM WATER POLLUTION PREVENTION PLAN.
- IN THE EVENT OF A DISCREPANCY BETWEEN DETAILED PLANS AND QUANTITIES, THE DETAILED PLANS SHALL GOVERN.
- ALL TRAFFIC CONTROL SHALL COMPLY WITH MUTCD.
- ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
- DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY.
- ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
- ALL FIELD TILES ENCOUNTERED SHALL BE REPAIRED AND CONNECTED TO STORM SEWERS WHERE POSSIBLE. LOCATIONS SHALL BE PROVIDED TO ENGINEER FOR NOTATION ON AS-BUILTS.
- ANY WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
- PRIOR TO ANY WORK AT THE SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER OR ENGINEER, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
- CONTRACTOR SHALL COMPLY WITH ALL P.R.O.W.A.G. AND A.D.A. REQUIREMENTS FOR ACCESSIBLE SIDEWALK RAMPS INCLUDING RAISED TRUNCATED DOME DETECTABLE WARNINGS.
- REMOVE ALL DEBRIS SPILLED INTO R.O.W. AT THE END OF EACH WORK DAY.
- THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.
- ALL MATERIAL TESTING SHALL BE CONSIDERED INCIDENTAL TO OTHER CONSTRUCTION.

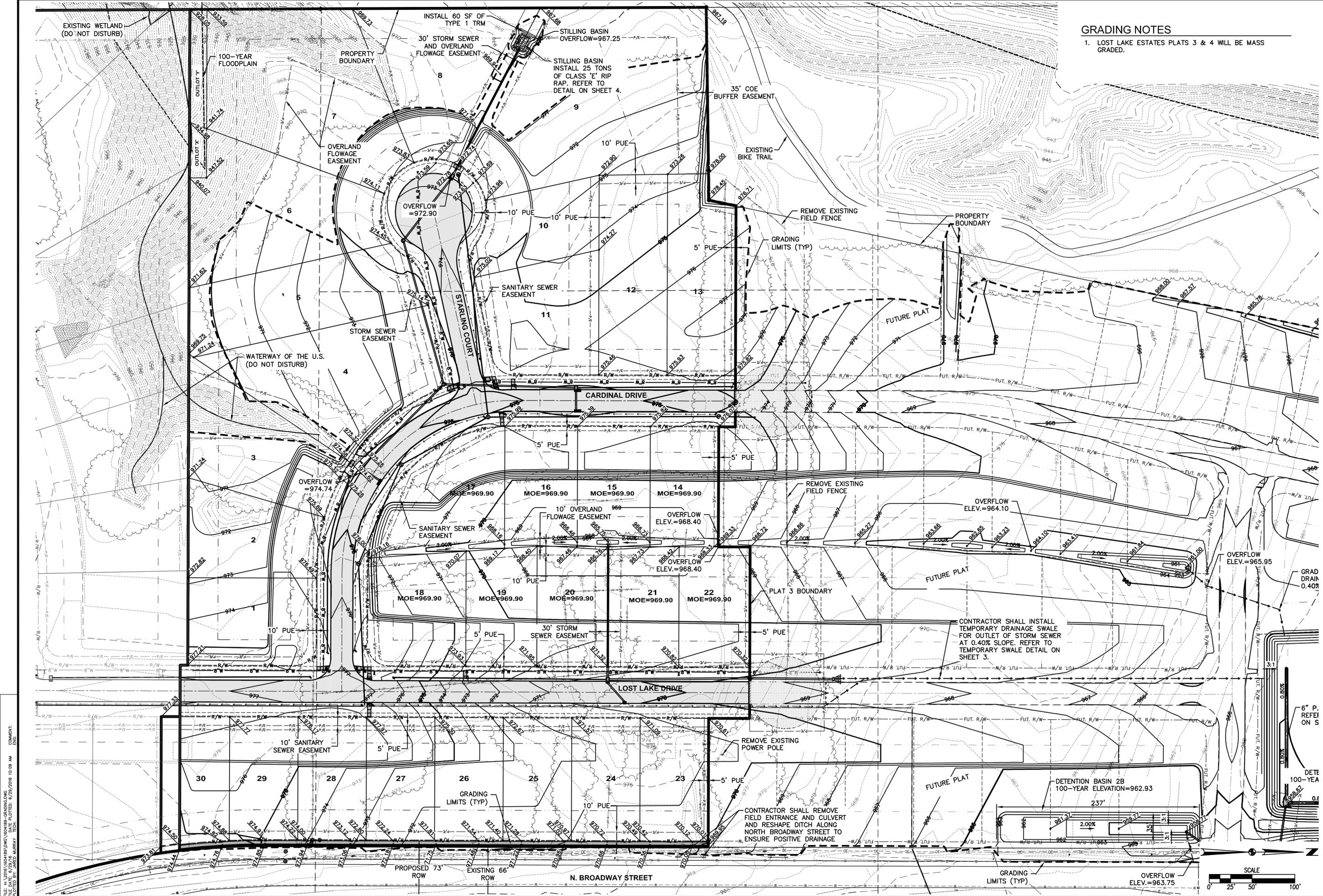
**TRAFFIC CONTROL NOTES**

- ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- PERMANENT SIGNING THAT CONVEYS A MESSAGE CONTRARY TO THE MESSAGE OF TEMPORARY SIGNING AND NOT APPLICABLE TO THE WORKING CONDITIONS SHALL BE COVERED BY THE CONTRACTOR WHEN DIRECTED BY THE CITY.
- THE CONTRACTOR SHALL COORDINATE HIS TRAFFIC CONTROL WITH OTHER CONSTRUCTION PROJECTS IN THE AREA.
- SIDEWALK CLOSED SIGNS REQUIRED FOR ALL SIDEWALK CLOSURES. SIGNAGE AND TEMPORARY PEDESTRIAN ACCESS ROUTE THROUGH CONSTRUCTION AREA SHALL MEET THE REQUIREMENTS OF PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), SECTION R205 AND IOWA DOT DESIGN MANUAL, CHAPTER 12A-4.
- THE CONTRACTOR IS CAUTIONED NEITHER TO OBSTRUCT NOR REMOVE ANY EXISTING PAVEMENT, NOR TO DISTURB THE EXISTING TRAFFIC PATTERNS MORE THAN IS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.

**GEOTECHNICAL RECOMMENDATIONS**

- THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH ALL RECOMMENDATIONS OF THE SOILS REPORT DATED SEPTEMBER 21, 2012 AND THE ADDENDUM LETTER DATED APRIL 29, 2013 PREPARED BY CONSTRUCTION MATERIAL TESTING.
- IN AREAS OF FILL UNDER PAVEMENT AND WHERE UTILITY TRENCHES EXTEND BELOW PAVEMENT, SUITABLE COHESIVE SOILS COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DRY DENSITY DETERMINED BY ASTM D698 SHALL BE PROVIDED AND PLACED AT A MOISTURE CONTENT OF -1 TO +4 PERCENT OF OPTIMUM AS DETERMINED BY THE STANDARD PROCTOR TEST (ASTM D698). NO FILL SHALL BE PLACED IN LIFTS GREATER THAN ONE FOOT IN THICKNESS.





**GRADING NOTES**

1. LOST LAKE ESTATES PLATS 3 & 4 WILL BE MASS GRADED.

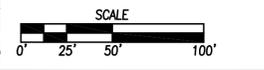
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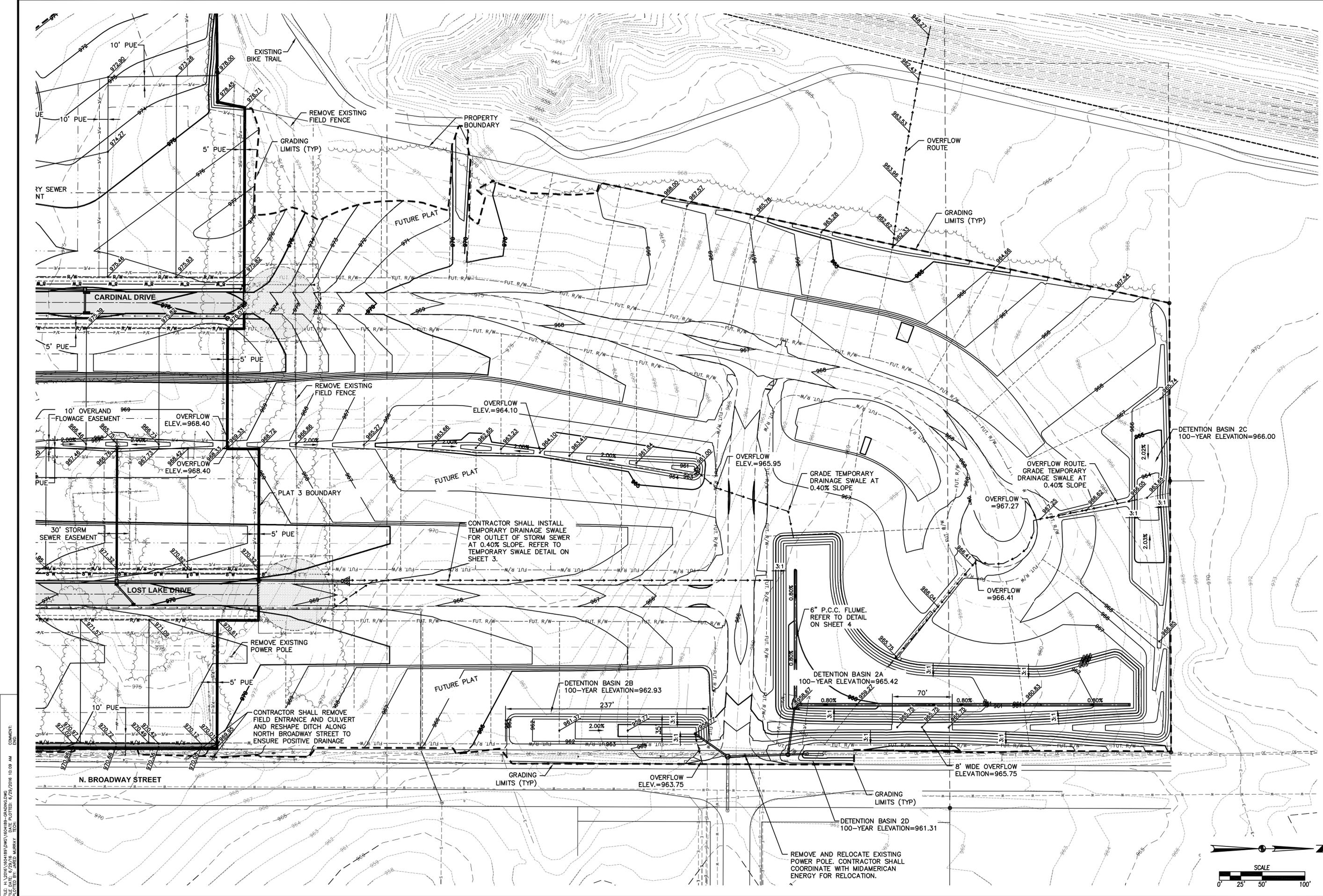
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 PHONE: (515) 369-4400 FAX: (515) 369-4410  
 ENGINEER: EKO EI: GH



**LOST LAKE ESTATES PLAT 3**  
**GRADING PLAN**  
 POLK CITY, IOWA  
 1604.189





DRAWING NO. 1604.189  
 PROJECT: LOST LAKE ESTATES PLAT 3 - GRADING  
 DATE: 6/29/2016 10:09 AM  
 PLOTTED BY: AARON MURRAY  
 TOWN: POLK

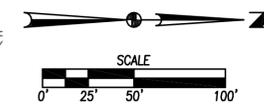
REVISIONS	DATE
FIRST SUBMITTAL	06/28/16
SECOND SUBMITTAL	06/29/16

3405 S.E. CROSSROADS DRIVE, SUITE G  
 GRIMES, IOWA 50111  
 PHONE: (515) 369-4400 FAX: (515) 369-4410  
 ENGINEER: EKO EI: GH



POLK CITY, IOWA  
 CIVIL DESIGN ADVANTAGE

**LOST LAKE ESTATES PLAT 3**  
**GRADING PLAN**  
 1604.189

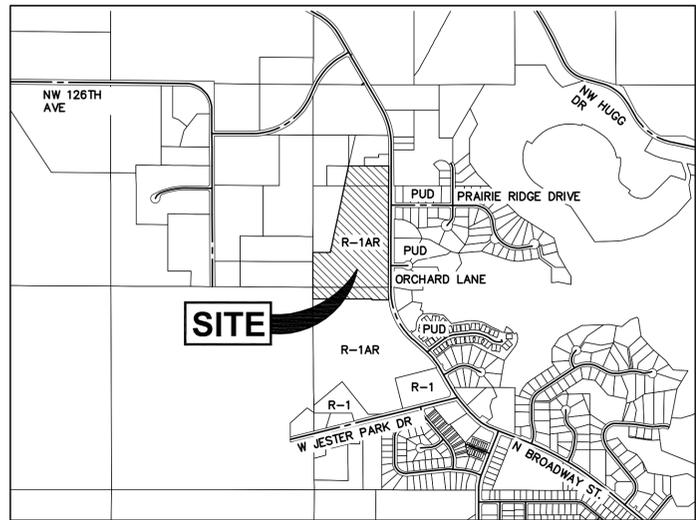


# LOST LAKE ESTATES PLAT 3

## EROSION AND SEDIMENT CONTROL PLAN

### VICINITY MAP

NOT TO SCALE



POLK CITY, IOWA

### DISCHARGE POINT SUMMARY

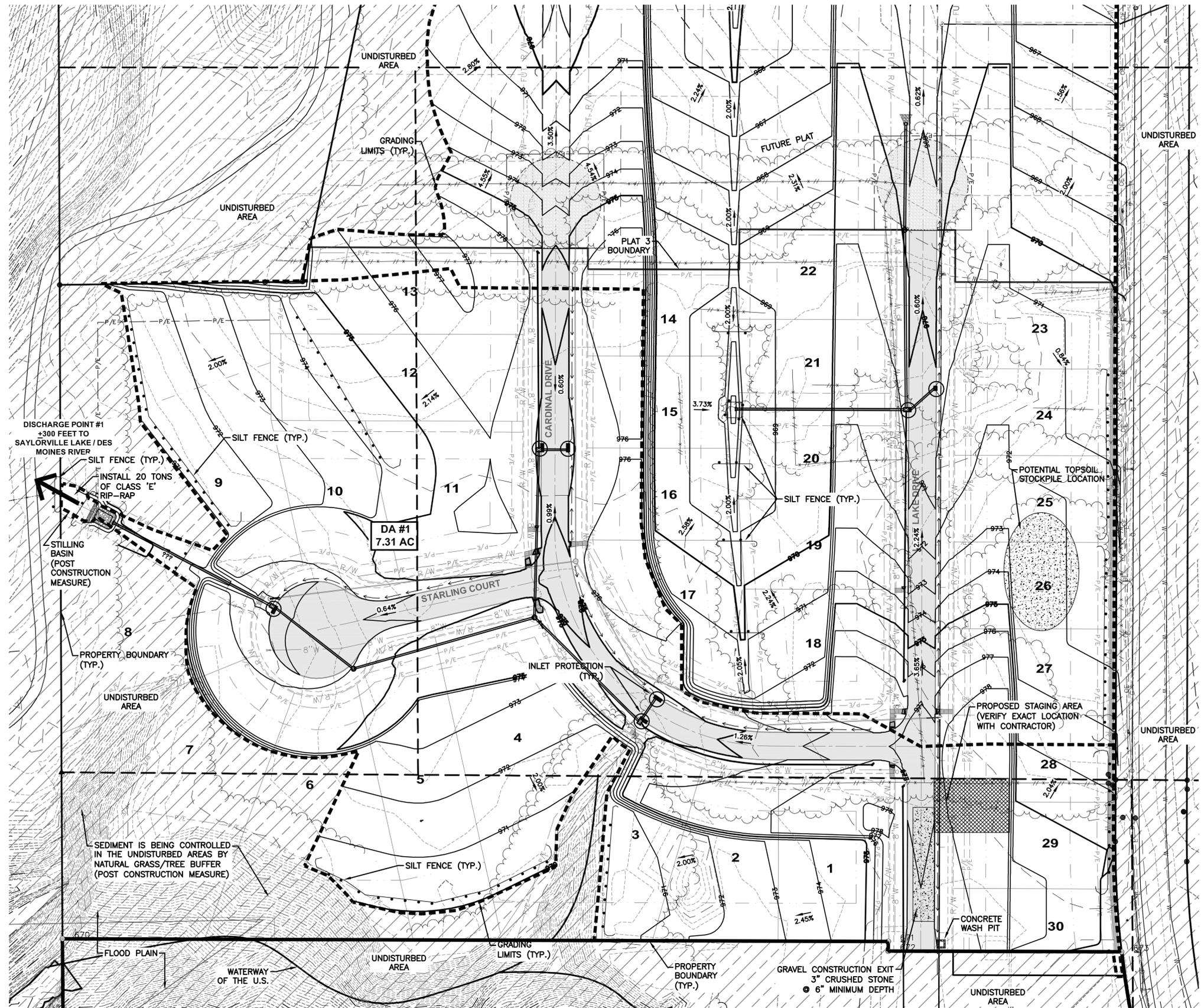
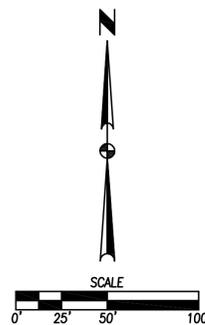
<b>DISCHARGE POINT #1 TO SAYLORVILLE LAKE/DES MOINES RIVER ±300 FT</b>	7.31 ACRES
TOTAL AREA DISTURBED TO DISCHARGE POINT	26,316 CU FT
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	
VOLUME PROVIDED IN SILT FENCE (1796 LF @ AVG OF 15 CU FT/LF OF FENCE)	26,940 CU FT
TOTAL VOLUME PROVIDED	26,940 CU FT
<b>DISCHARGE POINT #2 TO SAYLORVILLE LAKE/DES MOINES RIVER ±300 FT</b>	19.88 ACRES
TOTAL AREA DISTURBED TO DISCHARGE POINT	71,568 CU FT
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	
VOLUME PROVIDED IN SILT FENCE (423 LF @ AVG OF 4.5 CU FT/LF OF FENCE)	1,903 CU FT
VOLUME PROVIDED IN TSB #1	93,088 CU FT
TOTAL VOLUME PROVIDED	94,991 CU FT

### STABILIZATION QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	SILT FENCE	LF	2,219
2	SEEDING, FERTILIZING, AND MULCHING	AC	26.11
3	INLET PROTECTION DEVICES	EA	7
4	CONCRETE WASHOUT PIT	EA	1
5	12" PVC TEMPORARY STANDPIPE	EA	1

### SWPPP LEGEND

DRAINAGE ARROW	X.XX %
GRADING LIMITS	
FILTER SOCK	
SILT FENCE	
INLET PROTECTION	
PORTABLE RESTROOM	
CONCRETE WASHOUT PIT	
TEMPORARY STANDPIPE	
UNDISTURBED AREA	
RIPRAP	
GRAVEL ENTRANCE	
STAGING AREA	
TEMPORARY SEDIMENT BASIN	



FILE: H:\2016\1604189\1604189-SWPPP.DWG  
 COMMENTS: SWPPP Dwg  
 PLOTTED BY: AARON MURRAY  
 DATE: 6/29/2016 10:11 AM

<p>DATE: _____</p> <p>REVISIONS: _____</p> <p>3405 S.E. CROSSROADS DRIVE, SUITE G                  GRIMES, IOWA 50111                  PHONE: (515) 369-4400 FAX: (515) 369-4410</p>	<p>05/31/16</p> <p>FIRST SUBMITTAL</p> <p>ENGINEER: EI: GH</p>
<p><b>9 LOST LAKE ESTATES PLAT 3</b>                  EROSION &amp; SEDIMENT CONTROL PLAN</p>	
<p>POLK CITY, IOWA</p> <p>1604.189</p>	



July 6, 2016

Honorable Mayor and City Council  
City of Polk City  
112 S. Third Street  
Polk City, Iowa 50226

RE: LOST LAKES ESTATES PLAT 3  
APPROVAL OF CONSTRUCTION DRAWINGS FOR WATER MAIN AND  
SANITARY SEWER ONLY

Dear Honorable Mayor and City Council:

On behalf of Diamond Development LLC, Civil Design Advantage has submitted construction drawings for the above referenced plat. These plans represent the first phase of construction of the Preliminary Plat approved by City Council on June 27, 2015. Plat 3 will include 30 lots just north of existing Lost Lakes Estates Plat 2. This plat includes the extension of Lost Lake Drive; new streets include the south portion of Cardinal Drive and the Starling Court cul-de-sac. Eight lots back up to N. Broadway Street; as per P&Z and Council direction, the sidewalk along N. Broadway will be constructed as a plat improvement.

Based on his desired construction schedule, the developer is now requesting approval for only the portion of the construction drawings covering the water main, sanitary sewers and appurtenances. The developer understands they are proceeding with construction at their own risk since the construction drawings for the remainder of the improvements (paving, storm sewers, and the Storm Water Management Plan) may have additional review comments, including input from the USACE and Post Office. We anticipate this input will be received in the near future.

Based on review by Laura Lamberty, P.E., Snyder & Associates recommends approval of the construction drawings for water main and sanitary sewer only for Lost Lakes Estates Plat 3. It shall be the developer's responsibility to obtain approval of the Iowa DNR permits prior to commencing construction. All necessary materials submittals and shop drawings shall be approved by the City Engineer prior to the start of construction.

Respectfully submitted;

SNYDER & ASSOCIATES, INC.

Kathleen Connor  
City Engineering Representative

CC: Gary Mahannah, City Administrator  
Mike Schulte, Public Works Director  
Darryl Bresson, Diamond Developments LLC  
Erin Ollendike, Civil Design Advantage

**RESOLUTION 2016-63**

**A RESOLUTION APPROVING THE CONSTRUCTION  
DRAWINGS FOR SANITARY SEWER AND WATER MAIN ONLY  
FOR LOST LAKES ESTATES PLAT 3**

---

**WHEREAS**, Diamond Development, LLC, the developer for Lost Lakes Estates Plat 3 has submitted the Construction Drawings for the public sanitary sewer, water main, and appurtenances associated with said plat; and

**WHEREAS**, the developer understands they are proceeding with construction of the sanitary sewer and water main at their own risk since the construction drawings for the paving, storm sewers, and Storm Water Management Plan are not yet ready for approval; and

**WHEREAS**, it shall be the developer's responsibility to obtain approval for all necessary permits prior to the start of construction including the Iowa DNR permits for water main and sanitary sewer construction and the NPDES Storm Water Discharge permit; and

**WHEREAS**, the City Engineer and City Administrator have reviewed the Construction Drawings and recommend their approval.

**NOW, THEREFORE, BE IT RESOLVED**, the City Council of the City of Polk City, Iowa hereby approves the Construction Drawings for Sanitary Sewer and Water Main Only in Lost Lakes Estates Plat 4.

**PASSED AND APPROVED** the 11<sup>th</sup> day of July, 2016.

---

Jason Morse, Mayor

ATTEST:

---

Jenny Gibbons, City Clerk

**RESOLUTION 2016-64**

**A RESOLUTION APPROVING CHANGE ORDER NO. 1 FOR THE  
DAVIS & TYLER STREET INTERSECTION RECONSTRUCTION  
PROJECT**

---

**WHEREAS**, the City of Polk City, City Council, approved construction for the Davis & Tyler Street Intersection Reconstruction project; and

**WHEREAS**, the City Council has awarded the construction contract for the Davis & Tyler Street Intersection Reconstruction project to Howrey Construction, Rockwell City, Iowa; and

**WHEREAS**, on April 11, 2016 the City Council approved the contract for the construction of the Davis & Tyler Street Intersection Reconstruction project with Howrey Construction in the amount of \$153,596.00; and

**WHEREAS**, Howrey Construction and the City Engineer has submitted to the City of Polk City, a change order request representing a net increase amount of \$2,931.00 to said contract.

**NOW, THEREFORE, BE IT RESOLVED**, the City Council of the City of Polk City, Iowa hereby approves the change order No. 1 in the amount of \$2,931.00.

**PASSED AND APPROVED** the 11<sup>th</sup> day of July, 2016.

---

Jason Morse, Mayor

ATTEST:

---

Jenny Gibbons, City Clerk

**CHANGE ORDER NO. 1**

OWNER: **City of Polk City**

Project : **Davis and Tyler Intersection Reconstruction**

Project# 115.0944.01

To: **Howery Construction**

---

Contractor

---

820 High Street

---

Address

---

Rockwell City, IA 50579

---

City, State, Zip

You are directed to make the following changes in this contract:

These changes include FINAL measured quantities and no further changes will be made to the quantities.

- 
1. Description of change to be made:
- 4.1 Decrease in Quantity, Storm Sewer, Trenched 12" RCP, Class III
  - 4.2 Increase in Quantity, Storm Sewer, Trenched, 8" PVC C900
  - 4.5 Increase in Quantity, Subdrain, Outlet and Connections
  - 9.1 Decrease in Quantity, Sodding
  - 9.2 Add Item, Sodding Reduced Unit Price for Quantity Increase**

- 
2. Reason for Change:
- 4.1 Quantity Based on actual field measurements
  - 4.2 Quantity based on actual field measurements
  - 4.5 Quantity based on actual field measurements
  - 9.1 Deleted item, renegotiated price based on quantity overrun
  - 9.2 Quantity overrun, reduced unit price

- 
3. Settlement for the cost of making the change shall be as follows:

Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
4.1	Storm Sewer, Trenched 12" RCP, Class III	(3)	LF	\$ 102.00	\$ (306.00)
4.2	Storm Sewer, Trenched, 8" PVC C900	4	LF	\$ 100.00	\$ 400.00
4.5	Subdrain, Outlet and Connections	1	EA	\$ 1,000.00	\$ 1,000.00
9.1	Sodding	(5)	SQ	\$ 350.00	\$ (1,750.00)
9.2	<b>Sodding Reduced Unit Price</b>	42	SQ	\$ 85.00	\$ 3,587.00
				<b>TOTAL</b>	<b>\$ 2,931.00</b>

This change order will result in a net change in the contract completion time of zero (0) additional working days and a net INCREASE in the project cost of \$ 2,931.00.

	<u>Contract Amount</u>	<u>Contract Completion Date</u>
Approved funds and contract completion date as per (Engineer's Estimate, Contract or last approved C.O.)	\$ 153,596.00	35 <u>working days</u>
Change due to this C.O. (+ or -)	\$ 2,931.00	0 <u>working days</u>
Totals including this C.O.:	\$ 156,527.00	35 <u>working days</u>

The change described herein is understood, and the terms of settlement are hereby agreed to:

**Snyder & Associates, Inc.**  
ENGINEER

By \_\_\_\_\_

DATE: \_\_\_\_\_

**Howery Construction**  
CONTRACTOR

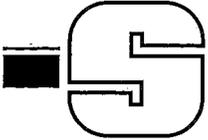
By \_\_\_\_\_

DATE: \_\_\_\_\_

**City of Polk City, Iowa**  
OWNER

By \_\_\_\_\_

DATE: \_\_\_\_\_



July 5, 2016

Honorable Mayor and City Council  
City of Polk City  
112 S. 3<sup>rd</sup> Street  
Polk City, Iowa 50226

RE: CHANGE ORDER No. 1  
PARTIAL PAYMENT APPLICATION NO. 2 (Final – Prior to Retention Release)  
TYLER AND DAVIS STREET RECONSTRUCTION PROJECT

Dear Honorable Mayor and City Council:

Please find the attached Change Order No. 1 and Partial Payment Application No. 2 (Final – Prior to Retention Release) for the Tyler and Davis Street Reconstruction Project. This pay application includes work completed by the Contractor between June 1, 2016 and June 30, 2016. Work completed through this pay application includes final project quantities and sod placement. The project had substantial completion on June 20, 2016, twelve working days ahead of schedule.

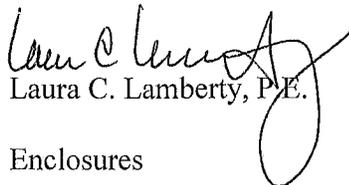
Change Order No. 1 includes adjustments for final quantity measurement and a change that renegotiated the unit price (a reduction of the unit price from \$350.00/SY to \$85.00/SY) due to quantity overrun in the sod. The total cost adjustment to the contract is an increase of \$2,931.00 which represents a 1.9% increase on an original contract value of \$153,596.00.

We recommend approval of Change Order 1 and payment of \$4,219.90 to the Contractor, Howerly Construction for work completed through June 30, 2016. The punch list was recently prepared, but relatively minor items remain incomplete and the project is not ready for Final Acceptance.

Please contact me should you have any questions on this pay application. We will be in attendance at the July 11, 2016, Council meeting to answer any questions regarding this partial payment application or the project progress.

Sincerely,

SNYDER & ASSOCIATES, INC.



Laura C. Lamberty, P.E.

Enclosures

cc: Mike Schulte  
Gary Mahannah  
Kathleen Connor  
John Haldeman, PE

**6. DETAILED ESTIMATE OF WORK COMPLETED:**

ITEM NO.	DESCRIPTION	ORIGINAL CONTRACT QUANTITIES				COMPLETED WORK		
		QUANTITY	UNIT	UNIT COST	COST Total	QUANTITY	CO #	COST Total
<b>EARTHWORK</b>								
2.1	Excavation, Class 10	CY	300	\$ 20.00	\$ 6,000.00	300		\$ 6,000.00
2.2	Topsoil, On-site	CY	85	\$ 30.00	\$ 2,550.00	85		\$ 2,550.00
2.3	Subgrade Preparation	SY	750	\$ 8.00	\$ 6,000.00	750		\$ 6,000.00
2.4	Subbase, Modified, 6-Inches	SY	750	\$ 15.00	\$ 11,250.00	750		\$ 11,250.00
2.5	Removal of Pavement	SY	640	\$ 8.50	\$ 5,440.00	640		\$ 5,440.00
2.6	Removal of Driveway and Sidewalk Pavement	SY	52	\$ 17.50	\$ 910.00	52		\$ 910.00
2.7	Removal of Storm Sewer/Culverts, CMP <= 18"	LF	111	\$ 31.00	\$ 3,441.00	111.0		\$ 3,441.00
<b>SEWER AND DRAINS</b>								
4.1	Storm Sewer, Trenched, 12" RCP, Class III	LF	110	\$ 102.00	\$ 11,220.00	107	1	\$ 10,914.00
4.2	Storm Sewer, Trenched, 8" PVC C900	LF	9	\$ 100.00	\$ 900.00	13	1	\$ 1,300.00
4.3	Subdrain, Type 1, 6"	LF	270	\$ 27.00	\$ 7,290.00	270		\$ 7,290.00
4.4	Subdrain, Cleanout, Type A-1	EA	3	\$ 450.00	\$ 1,350.00	3		\$ 1,350.00
4.5	Subdrain, Outlet and Connections	EA	3	\$ 1,000.00	\$ 3,000.00	4	1	\$ 4,000.00
<b>WATER MAIN</b>								
5.1	Water Main, Trenched, C900	LF	40	\$ 86.00	\$ 3,440.00	40		\$ 3,440.00
5.2	Gate Valve, 8"	EA	4	\$ 1,605.00	\$ 6,420.00	4		\$ 6,420.00
5.3	Water Main Connections	EA	4	\$ 3,100.00	\$ 12,400.00	4		\$ 12,400.00
<b>STRUCTURES FOR SANITARY AND STORM</b>								
6.1	Manhole, SW-401	EA	2	\$ 3,500.00	\$ 7,000.00	2		\$ 7,000.00
6.2	Intake, SW-501	EA	2	\$ 3,250.00	\$ 6,500.00	2		\$ 6,500.00
6.3	Intake, Type SW-512 (18")	EA	1	\$ 2,500.00	\$ 2,500.00	1		\$ 2,500.00
6.4	Sanitary Manhole Adjustment, Minor	EA	1	\$ 1,800.00	\$ 1,800.00	1		\$ 1,800.00
<b>STREETS AND RELATED WORK</b>								
7.1	Standard PCC Pavement, Class C, 6" Depth , Fully Reinforced	SY	530	\$ 57.50	\$ 30,475.00	530		\$ 30,475.00
7.2	Temporary Pavement, 6" PCC	SY	120	\$ 45.00	\$ 5,400.00	120		\$ 5,400.00
7.3	Driveway, Paved, PCC, 6" Depth	SY	21	\$ 90.00	\$ 1,890.00	21		\$ 1,890.00
7.4	Sidewalk, PCC, 4"	SY	13	\$ 130.00	\$ 1,690.00	13		\$ 1,690.00
7.5	Sidewalk, PCC, 6"	SY	15	\$ 130.00	\$ 1,950.00	15		\$ 1,950.00
7.6	Detectable Warning Panels	SF	16	\$ 30.00	\$ 480.00	16		\$ 480.00
<b>TRAFFIC CONTROL AND SIGNALIZATION</b>								
8.1	Traffic Control	LS	1	\$ 2,850.00	\$ 2,850.00	1		\$ 2,850.00
<b>SITE WORK AND LANDSCAPING</b>								
9.1	Sodding	SQ	5	\$ 350.00	\$ 1,750.00	-	1	\$ -
<b>Miscellaneous</b>								
11.1	Mobilization	LS	1	\$ 7,250.00	\$ 7,250.00	1		\$ 7,250.00
11.2	Remove and Reinstall Mailbox	EA	1	\$ 450.00	\$ 450.00	1		\$ 450.00
TOTAL ORIGINAL CONTRACT = \$					153,596.00			\$ 152,940.00
							Total Due	\$ 152,940.00

CHANGE ORDER SUMMARY:

Change Order No. 1

4.1	Storm Sewer, Trenched, 12" RCP, Class III	LF	-3	\$ 102.00	\$ (306.00)			
4.2	Storm Sewer, Trenched, 8" PVC C900	LF	4	\$ 100.00	\$ 400.00			
4.5	Subdrain, Outlet and Connections	EA	1	\$ 1,000.00	\$ 1,000.00			
9.1	Sodding	SQ	-5	\$ 350.00	\$ (1,750.00)			
9.2	Sodding	SQ	42.2	\$ 85.00	\$ 3,587.00	42.2		\$ 3,587.00
TOTAL CHANGE ORDERS \$					2,931.00			\$ 3,587.00
TOTAL CONTRACT								
& CHANGE ORDERS \$					156,527.00			\$ 156,527.00

**RESOLUTION 2016-65**

**A RESOLUTION APPROVING APPLICATION FOR PARTIAL  
PAYMENT NO. 2 FOR THE DAVIS & TYLER STREET INTERSECTION  
RECONSTRUCTION PROJECT**

---

**WHEREAS**, the City of Polk City, City Council, approved construction for the Davis & Tyler Street Intersection Reconstruction project; and

**WHEREAS**, the City Council has awarded the construction contract for the Davis & Tyler Street Intersection Reconstruction project to Howrey Construction, Rockwell City, Iowa; and

**WHEREAS**, on April 11, 2016 the City Council approved the contract for the construction of the Davis & Tyler Street Intersection Reconstruction project with Howrey Construction in the amount of \$153,596.00; and

**WHEREAS**, the City Council approved the Partial Payment No. 1 application in the amount of \$144,480.75 on June 13, 2016; and

**WHEREAS**, the City Engineer has submitted the Application for Partial Payment No. 2 (Final –Prior to Retention Release) giving a detailed estimate of work with an application for payment in the amount of \$4,219.90.

**NOW, THEREFORE, BE IT RESOLVED**, the City Council of the City of Polk City, Iowa hereby approves the Application for Partial Payment No. 2 and the Finance officer is hereby authorized to issue a check to Howrey Construction in the amount of \$4,219.90.

**PASSED AND APPROVED** the 11<sup>th</sup> day of July 2016.

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Jason Morse, Mayor

ATTEST:

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Jenny Gibbons, City Clerk

