

MEETING MINUTES
PUBLIC WORKS COUNCIL COMMITTEE
Monday, February 29, 2016
City Hall – West Des Moines Training Room

Attending:

Council Member – Rick Messerschmidt	Deputy Public Works Director – Joe Cory
Council Member – Kevin Trevillyan	Principal Engineer – Jeff Nash
City Manager – Tom Hadden	Principal Engineer – Ben McAlister
Finance Director – Tim Stiles	Principal Engineer – Jason Schlickbernd
Assistant City Attorney – Greta Truman	Traffic Engineer – Jim Dickinson
Comm. & Econ. Dev. Director – Clyde Evans	Transportation Engineer – Eric Petersen
City Engineer – Duane Wittstock	Communication Specialist – Lucinda Stephenson
Public Works Director – Bret Hodne	

Meeting called to order at 11:32 a.m.

1. **Thornwood Grinder Pump Analysis**

Issue Summary:

Principal Engineer Jason Schlickbernd reported on the results of the grinder pump analysis at 1630 Green Branch Circle. The analysis was done as a result of excessive corrosion of the grinder pump, originally reported at the January 18, 2016, Public Works Council Committee meeting. Staff had conducted a preliminary investigation and determined the corrosion did not appear to be chemical in nature, therefore additional investigation would focus on a possible electrical issue. The City contracted with Power Protection Products Inc. (P3) and Electrical Installations of Iowa to inspect the electrical grounding system at the property. Results from the February 11, 2016, inspection indicated that the primary electrical grounding for the house appeared to be connected to a ground rod and was possibly compromised at some point, causing it to not function properly. A secondary ground to the copper water service pipe was corroded and wasn't functioning as intended. A jumper wire across the water meter is also required, but was not present. A copy of the test results was provided (Item 1). Due to these findings, the grinder pump was tested and it was found that the grinder pump was acting as the primary ground, most likely causing the excessive corrosion.

The property owner contracted with Electrical Installations of Iowa to install a new ground rod for the house and a new ground rod for the grinder pump station. The secondary ground to the water service line was also modified to meet current electrical code. The grounding system was then re-tested and readings appeared to be satisfactory. Electric Pump, the supplier of the grinder pump, pulled the pump free of charge for the property owner so that photographs could be obtained. The homeowner intends to review the pump after 6 months to analyze any differences. The property owner was appreciative of all the City has done to assist in the matter. Staff reiterated that this appears to be an isolated incident.

Direction: Information Only.

2. **Browns Woods Sewer Survey**

Issue Summary:

Principal Engineer Ben McAlister reported on the Browns Woods area off of Veterans Parkway, which was annexed by the City in 1988. The City completed a master sewer plan for the area in

1996. In 1999 the first fee district was established, which was updated in 2010. The Browns Woods Sewer project is one of the projects identified in the fee district. A map was displayed illustrating the area with a yellow line indicating where the trunk sewer line would be installed (Item 2). The dash line would be the force main line, the solid line would be the gravity sewer main line, and the dot would be the lift station. The proposed fee district would serve properties along Browns Woods Drive, however, future fee districts would be required to install a collector district on the county subdivisions, causing some residents to be responsible for two separate fees. Design of the project was allocated for the fiscal year 2015-16 Capital Improvement Plan.

A public information meeting was held on February 3, 2016, to gauge interest in the project, and was well attended. Staff received mixed feedback from residents, including opposition to the proposed alignment and suggestions for a different location for the lift station. To provide a more formal avenue for residents to provide feedback, staff sent a survey on February 11, 2016, to the same group of people who had been invited to the public information meeting. A copy of the survey and results received to date were reviewed. Preliminary results indicate a mix of support and opposition. Surveys are due on March 1st and updated results will be included in the minutes. In general, comments provided in the survey regarding opposition to the fee district are concerns for the loss of trees or disruption to the property. It was noted that 84 surveys were sent out and 32 have been returned to date. Mr. McAlister noted that many of the concerns that residents have regarding property disruption could be alleviated in the design of the project. Discussion included the City's obligation to provide sewer service to this area as well as the potential of the parcels being subdivided into higher density lots if sewer service was built for the area.

Direction: Information Only. Due to the inconclusive responses, staff does not have a recommendation at this time on whether or not to proceed with the project.

3. **Jordan Creek Parkway & University Avenue – Intersection Improvements**

Issue Summary:

Transportation Engineer Eric Petersen reported on potential intersection improvements at Jordan Creek Parkway and University Avenue. As development continues to increase in the western suburbs, traffic volumes have increased at this intersection. Mr. Petersen presented information on the current traffic patterns at the intersection (Item 3). During the morning rush hour, the largest movement is the eastbound-to-southbound right turn and the second highest movement is the eastbound-thru movement. In the afternoon rush hour, the highest traffic volumes are the opposite flows as the morning, with the highest movement being the northbound-to-westbound left-turn and the second highest movement being the westbound-thru movement. There has been a 10% reduction of traffic volume on University Avenue with the opening of the Grand Prairie Parkway interchange, but it is estimated that in 3-5 years, traffic volume on University Avenue will be back at the same level it was before the Grand Prairie Parkway interchange was open. Traffic volume is expected to continue to grow and is forecasted to level off around 44,000 vehicles per day at full-build.

Mr. Petersen explained the various Level of Service (LOS) categories. LOS A has short delays while LOS F has excessive delay and major congestion. The City attempts to maintain an overall LOS D, which is when traffic volume equals the available capacity. The morning peak hour is currently operating at a low LOS C while the evening peak hour is currently operating at LOS D at the intersection. If no changes are made it's anticipated that LOS will deteriorate to LOS F for both the morning and evening peak hour.

Mr. Petersen reviewed the various queuing and safety issues on Jordan Creek Parkway. The largest issue is the northbound traffic queue during the afternoon rush hour, where the inside northbound

lane backs up from University Avenue to almost the Interstate 80 interchange. This results in additional delay and potential safety impacts to Westtown Parkway, the interstate off-ramp, and potentially the mainline of I-80. There are more rear-end and sideswipe collisions, as well as more angle collisions at full accesses that are “blocked” by the traffic queue. In the last two years, 68 crashes have been reported on Jordan Creek Parkway between University Avenue and the Interstate 80 interchange, with half of them between 4-6 pm. This corridor experiences four times as many crashes when compared with the 60th Street corridor between University Avenue and Interstate 80.

Staff’s recommendation to alleviate current traffic issues at the intersection is to reconfigure the northbound lanes on Jordan Creek Parkway to allow left-turning vehicles to use either the inside or outside lane as they approach University Avenue. This is recommended at this time, as it would increase capacity, reduce the northbound queue length, and lower the crash potential at upstream full accesses. The estimated cost for this improvement is \$75,000.

To keep the intersection at no worse than LOS D during the peak hours, recommended future improvements within the next 5-10 years include an eastbound sweeping right turn from University Avenue onto Jordan Creek Parkway with a dedicated receiving lane to allow for free right-turns. This would benefit the morning peak hour the most. It would require ROW acquisition and several utilities would have to be relocated, resulting in a higher estimated cost of \$500,000. Recommended future improvements for the next 10-20 years include the addition of a westbound thru lane on University Avenue, beginning east of Jordan Creek Parkway and ending at 142nd Street, tying into the existing westbound right turn lanes at the NCMIC office building and at 142nd Street. This improvement would likely require ROW acquisition and is estimated to cost \$600,000. Discussion included the potential for some of these improvements to be part of an STP project shared with Clive and/or Waukee. An additional recommendation for potential improvements would be a southbound right turn lane with an estimated cost of \$175,000. The southbound traffic occasionally backs up through the NCMIC driveway, and this turn lane would reduce the frequency of this occurring, but since the blockage occurs for only about 15-20 minutes per day, the benefits of this improvement aren’t as significant as other improvements.

It was noted that all of the recommended potential improvements assume that Des Moines Golf and Country Club (DMGCC) property remains as is. It was also noted that DMGCC is hosting a major golf tournament in August 2017 and any improvements should be timed to avoid the event.

Direction: Staff recommends to proceed with the improvements to the northbound lane reconfiguration estimated at \$75,000. The PWCC concurs with staff recommendation and in addition, recommends the northbound lane reconfiguration improvements be completed this year as the current issues at the intersection warrant immediate attention.

4. Review of Public Works Items for Council Meeting (March 7, 2016)

A. Order Construction:

- i. Intersection Improvements – 50th Street and Stonebridge Drive Traffic Signal

B. Approval of Professional Services Agreement:

- i. Valley Junction Alleys – Phase 5

C. Award Contract:

- i. 2014 Street Rehabilitation Sidewalk Ramp Program
- ii. 2016 PCC Reconstruction Program

- D. Approval of Change Order #3 – 2015 PCC Patching Program, Phase I
- E. Approval of Gas Relocation Agreement with Mid-American Energy – South 88th Street
- F. Approval for Extension to Professional Services Agreement – Miscellaneous Land Surveying Services
- G. Acceptance of Bids with the City of Clive for Iowa DOT Project – University Avenue HMA Resurfacing (I-35 to 22nd Street)

Direction: The PWCC concurs with staff recommendations on the Council agenda items.

5. Staff Updates

None

6. Other Matters

- A. City Engineer Duane Wittstock reported that the Iowa DOT has provided the City with road construction notices of patching on I-235 and I-80. The work should have little impact since the majority probably will be completed at night. A copy of the Iowa DOT letter was provided (Item 6A).

Direction: Information Only.

- B. 88th Street and Ashworth – Mr. Wittstock reported that staff has received correspondence from a property owner at 88th Street and Ashworth Road who is trying to sell his house. The design for the 88th Street and Ashworth Road section is not scheduled until fiscal year 2016-2017, however, staff has received a request from Councilman Mickelson to accelerate the design of that section to determine what the ROW acquisition may be in order to potentially assist the property owner in selling the property. Design work is scheduled to begin in July 2016.

Direction: The PWCC does not see a benefit in accelerating the design by a few weeks and recommends the project remain on its current schedule.

- C. FEMA Flood Maps – Mr. Schlickbernd reported that FEMA published notice in the Federal Register on January 19, 2016. At the time of this report, City staff were informed that FEMA had not yet published a notice in the Des Moines Register. Follow-up after the meeting confirmed that a notice was in fact published in the Des Moines Register on February 24, 2016, and the second publication was scheduled for March 2, 2016. Staff will send individual notices to affected property owners by the end of the week. It was reported that 554 properties are unchanged from the 2006 FEMA flood maps, 88 properties were added from 2006, and 220 properties were removed.

Direction: Information Only.

Meeting adjourned at 12:52 p.m. The next Public Works City Council Subcommittee meeting is scheduled for March 14, 2016.

Copies of handouts are available at Public Works upon request. A recording was made. Respectfully submitted by Kimberly Pinegar, Secretary.



PUBLIC WORKS COUNCIL COMMITTEE MEETING AGENDA

Monday, February 29, 2016 – 11:30 AM

Location: West Des Moines City Hall – Training Room
4200 Mills Civic Parkway

1. Thornwood Grinder Pump Analysis (JMS)
2. Browns Woods Sewer Survey (BJM)
3. Jordan Creek Parkway & University Avenue – Intersection Improvements (ERP)
4. Review of Public Works Items for Council Meeting (March 7, 2016)
 - A. Order Construction:
 - i. Intersection Improvements – 50th Street and Stonebridge Drive Traffic Signal
 - B. Approval of Professional Services Agreements:
 - i. Valley Junction Alleys – Phase 5
 - ii. 139 6th Street – Phase 2
 - C. Award Contract:
 - i. 2014 Street Rehabilitation Sidewalk Ramp Program
 - ii. 2016 PCC Reconstruction Program
 - D. Approval of Change Order #3 – 2015 PCC Patching Program-Phase I
 - E. Acceptance of Bids with the City of Clive for Iowa DOT Project – University Avenue HMA Resurfacing (I-35 to 22nd Street)
5. Staff Updates
6. Other Matters
 - A. IDOT Road Construction Notices (DCW)

This agenda is created for planning purposes and is subject to change.

Any discussion, feedback or recommendation by Sub-committee member(s) should not be construed or understood to be an action or decision by or for the West Des Moines City Council.



power quality through innovation

Ground Resistance Test

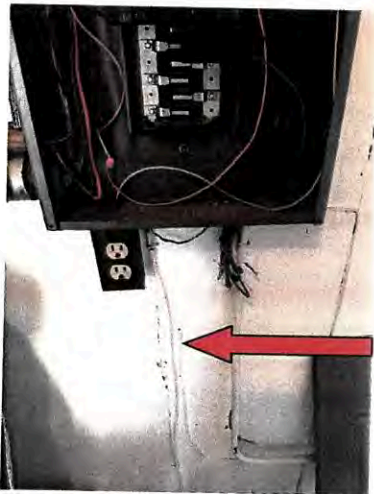
Date 2/11 and 15/16
Customer EII – Steve Knowlton
Project West Des Moines 1630 Greenbranch Cr.

Description: Measurements of the following:

Ground resistance measurements at the service entrance ground system to earth using an AEMC model 3710 ground resistance tester. This unit last calibrated on 1/4/16 and found to be within manufactures specifications.

<u>Location</u>	<u>Date Tested</u>	<u>Time of Test</u>	<u>Measurement</u>
Service entrance ground system to earth	2/11/16	9AM to 11AM	Indeterminate

This reading was not able to be performed. A ground wire leading out the bottom of the main service panel did not register on the ground resistance tester. (Picture 1)



Picture 1

Item 1

Location

Alternate service entrance ground system to earth

Date Tested

2/11/16

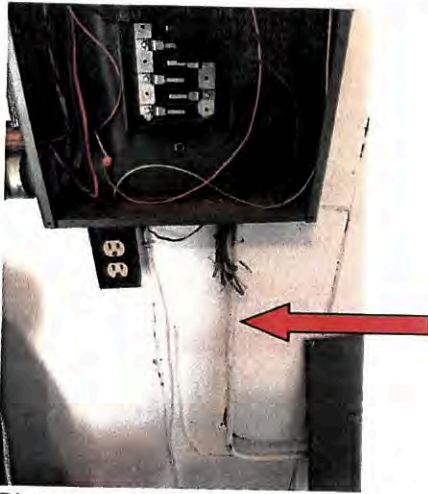
Time of Test

9AM to 11AM

Measurement

Indeterminate

This reading indicated the alternate ground wire was in a parallel connection to earth from this point (Picture 2). Further review indicated this wire was connected to the incoming water pipe in the basement (Picture 3).



Picture 2



Picture 3

Location

Alternate service entrance ground system to earth

Date Tested

2/11/16

Time of Test

9AM to 11AM

Measurement

Indeterminate

This reading indicated the alternate ground wire was in a parallel connection to earth from this point. Steve Jones of EII also noted this connection was corroded and did not have a jumper wire around the meter as required by NEC (National Electrical Code). (Picture 3 and 4)

Item 1



Picture 4

Steve Jones from EII worked with the principals at this location to upgrade the grounding system to meet NEC requirements. After upgrading the grounding system a second trip was made to confirm the resistance of the ground system.

<u>Location</u>	<u>Date Tested</u>	<u>Time of Test</u>	<u>Measurement</u>
New service entrance ground system to earth	2/15/16	3PM-4PM	5.4 ohms

This reading indicated the new ground system measured 5.4 ohms to earth. Meeting NEC and close to the ANSI/IEEE standard of 5 ohms. (Picture 5)



Picture 5

Item 1

Location

Upgraded

Date Tested

2/15/16

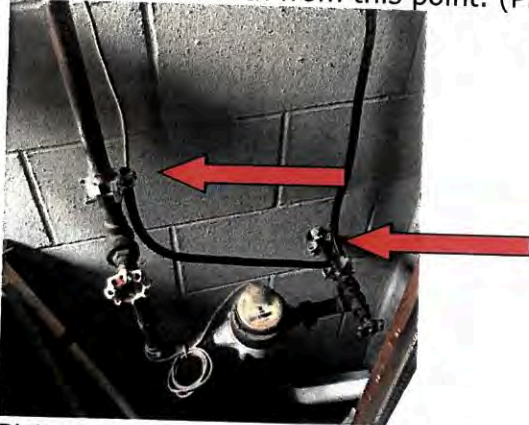
Time of Test

3PM-4PM

Measurement

Indeterminate

This, newly upgraded to current NEC requirements as per EII, ground connection showed a reading indicating the upgraded alternate ground wire was in a parallel connection to earth from this point. (Picture 6)



Picture 6

Location

Pump control box new ground system

Date Tested

2/15/16

Time of Test

3PM-4PM

Measurement

7.8 ohms

This reading indicated the pump control ground system measured 7.8 ohms to earth. (Picture 7)



Picture 7

Measurement performed by: Dan Maxcy MaCET, CPQ
Witnessed by: Steve Jones EII



Des Moines
4725 Merle Hay Rd.
50131
515-277-5770

Omaha
1207 S. 75th Street
68124
402-393-1223

Kansas City
6603A Royal Street
64068
816-792-4641

St. Louis
62 Soccer Park Road
63026
636-717-3422

Service report

Date 2/25/16
Customer Veenstra & Kimm, Inc.
Project 1630 Green Branch Circle, WDM

Description: Inspect the electrical system at 1630 Green Branch Circle, West Des Moines, IA

Steve Jones representing EII along with Dan Maxy representing P3 met on February 11th at the project location. They were there to visually inspect as well as electronically inspect (with the use of electrical metering equipment) the electrical system. Paying special attention to the grounding system.

They found some deficiencies with the grounding system. They were unable to obtain an acceptable ohm reading with the existing grounding system. The deficiencies along with the corrections are as follows:

1-We were unable to get a resistance reading on the ground wire that appeared to connect to the existing ground rod. We believe the existing ground rod is located under the concrete patio and because of this we were unable to visually confirm. To correct this we ran a new grounding electrode conductor to two new ground rods per the NEC.

2-The water pipe clamp connecting the grounding electrode conductor to the water service was corroded and did not have a jumper around the water meter. The corrosion was inhibiting us from obtaining an acceptable ohm measurement. To correct this we installed two new water pipe clamps with deoxidizing paste and a jumper around the meter per NEC.

3-There were several places in the basement where the copper water lines came into contact with dissimilar metals such as duct work and various conduits. We insulated the dissimilar metals so their contact would not interfere with our metering.

4-There is an existing buck/boot transformer associated with the grinder pump electrical system. It appears that the previous pump/system was 240volt single phase and the new pump/system requires 120/240volts single phase thus needing a neutral or grounded conductor. Since there are only three conductors going out to the pump the transformer was used as a separately derived system which produces a neutral. However, that transformer was not grounded properly as a separately derived

Electrical Installations of Iowa

system. To correct this we added two ground rods connected together and to the transformer with a grounding electrode conductor per NEC.

After the above mentioned corrections were made Dan Maxy with P3 returned to the site to do follow up reading on the grounding system. He found that we were able to obtain a 5.4 ohms to earth reading on the main electrical system and 7.8 ohm's to earth on the pump control ground system which meets the NEC standards of 5ohm's. I will attach P3's complete report with this overview.

Credentials:

Steve Jones (Electrical Installations of Iowa): master electrician with over 40 years of experience in electrical service and troubleshooting.

Dan Maxy (P3): CPQ- certified power quality professional, MaCET- master certified electronic technician.

As we stated at the onset we are unable to speculate as to why there may be or have been a problem with the pump/system. We can only provide you with the electrical characteristics and readings of the electrical system as we have done.

It has been our pleasure to assist with this project and we are looking forward to future projects.

Thank you

Steve Knowlton

Item 2

February 11, 2016

«Mailing_Name_1»
«Mailing_Address_1»
«Mailing_CityStateZip»

RE: South Service Area Segment II – Brown's Woods Trunk Sewer

Dear Resident:

Many of you attended a public informational meeting that was held on February 3, 2016 to discuss the possible construction of a trunk sewer along Browns Woods Drive. At the meeting, we indicated the City would follow up with estimated costs and a survey of the property owners.

The current connection fee is \$6,057.00 per acre. Single family residences on multi-acre parcels are only charged for one acre. These costs are adjusted annually based upon inflation. Areas without direct access to the trunk sewer could be charged additional fees for construction of future collector sewers to serve these areas.

Under City Code, connection fees are due at the time of connection to the public sewer. There are no fees or charges if an owner elects not to connect. The homeowner would also have costs above the district fees including the cost of abandoning the on-site treatment system in accordance with Polk County regulations, installing the connection from the house to the public sewer, and other miscellaneous expenses.

The current sewer fee rate for property owners connected to the public sanitary sewer system is \$5.60 per thousand gallons of potable water used, plus a \$3.20 per month service availability charge.

In order to gauge interest in the project attached you will find the survey questions. We would appreciate it if you would take time to complete the survey and either mail it back to our office or email the results to us at ben.mcalister@wdm.iowa.gov by March 1, 2016. This information will be shared with the City Council for their use in evaluating the future of the project.

Thank you for your participation in this process.

Sincerely,



Benjamin J. McAlister, P.E.
Principal Engineer

0510-064-2015

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**PROPERTY OWNER SURVEY
SOUTH SERVICE AREA SEGMENT II – BROWNS WOODS SEWER
February 11, 2016**

Based on the input received at the Public Information Meeting on February 3, 2016 the City of West Des Moines requests your formal feedback on the above referenced project. Please circle the appropriate response:

1. Are you the property owner?

Yes No

2. Are you in favor of the City constructing the Brown's Woods Trunk Sewer at this time?

Yes No No Opinion

3. If service was available, would you be interested in paying the connection fees and hooking onto the public sewer within the next:

0-2 years 3-5 years 5-10 years More than 10 years Never

4. Would you be willing to grant the City permission to construct the sewer on portions of your property through the use of permanent and temporary construction easements (for compensation)?

Yes No Don't Know

5. Are there special issues on your property that need to be considered if/when the sewer is being designed? _____

6. Additional comments: _____

Name: _____

Address: _____

Phone: _____

Email: _____

Please return this survey by March 1, 2016 to:

Benjamin McAlister, P.E.
City of West Des Moines
4200 Mills Civic Parkway
West Des Moines, Iowa 50265
Ben.mcalister@wdm.iowa.gov

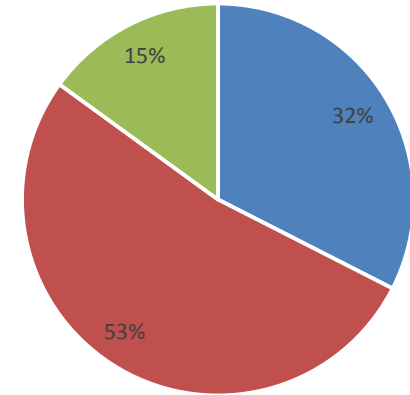
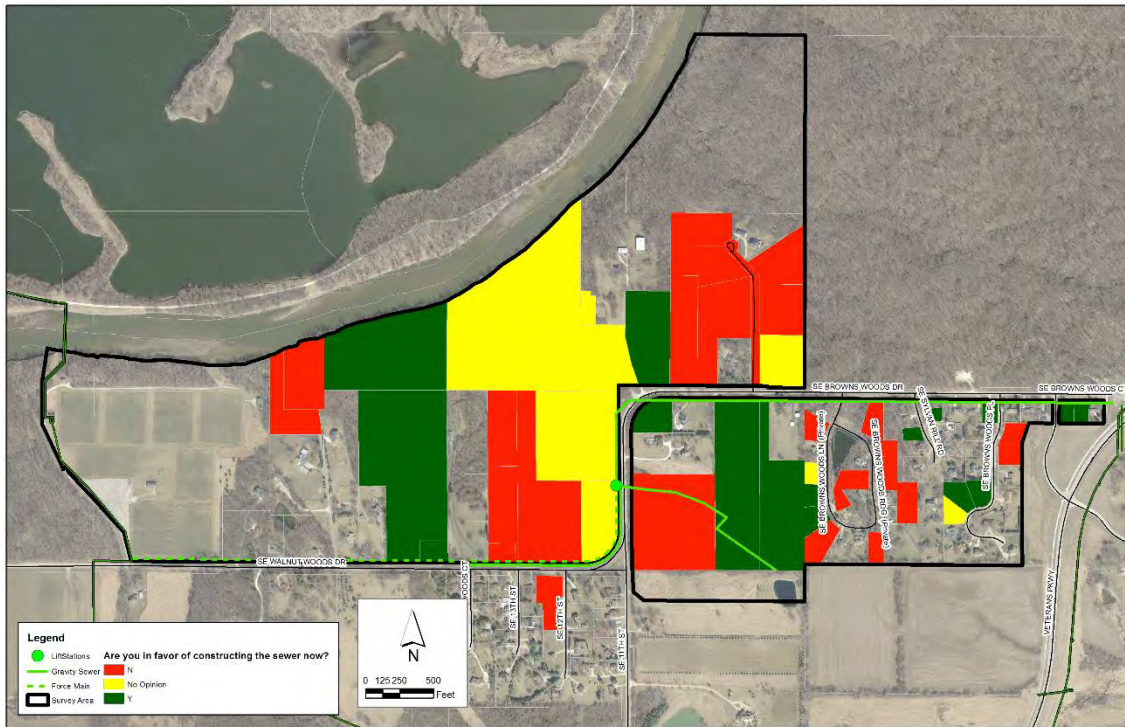
Thank you for your participation

WEST DES MOINES, IOWA
SOUTH SERVICE AREA SEGMENT II
BROWN'S WOODS SEWER
ALTERNATIVE 2



Are you in favor of constructing the sewer now?

Item 2

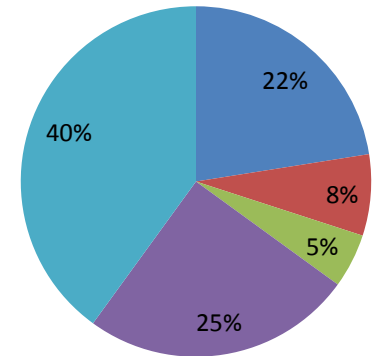
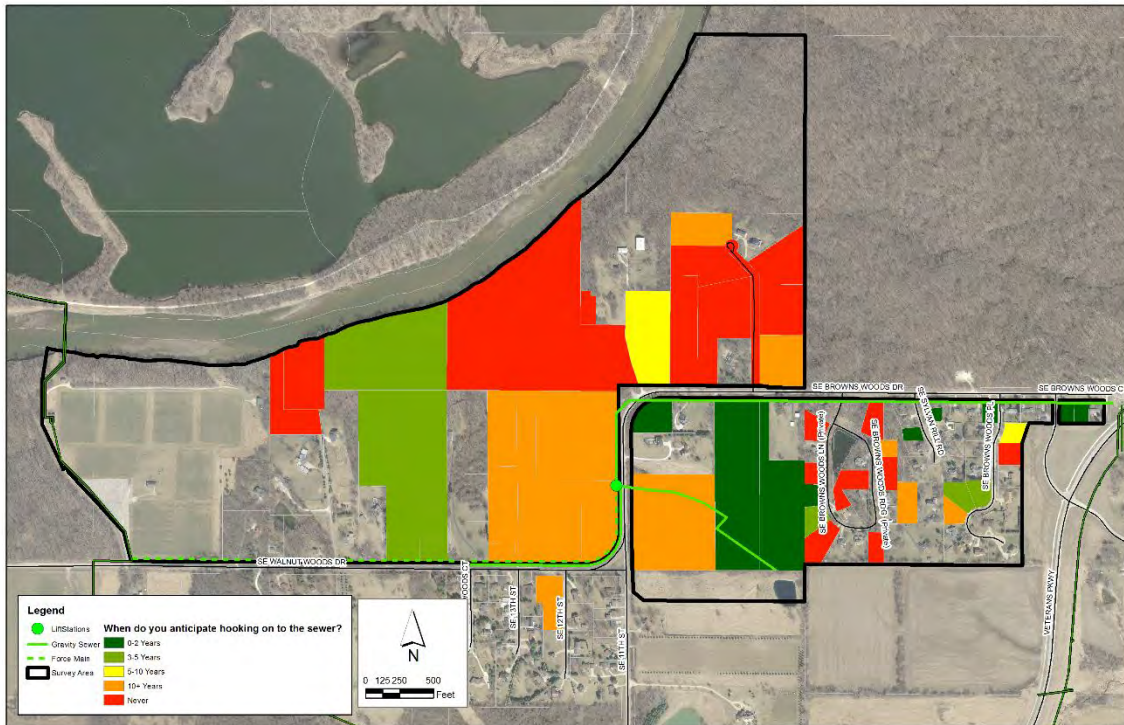


■ Yes ■ No ■ No Opinion

Yes	13
No	21
No Opinion	6
Grand Total	40

When do you anticipate hooking on to sewer?

Item 2



■ 0-2 years
 ■ 3-5 years
 ■ 5-10 years
■ 10+ years
 ■ Never

0-2 years	9
3-5 years	3
5-10 years	2
10+ years	10
Never	16
Grand Total	40

Item 2

Are you the Property Owner?	Are you in favor of constructing the sewer now?	When do you anticipate hooking on to sewer?	Would you grant easements?	Special issues on the property:	Additional comments:	Name	Address
Yes	Yes	0-2 years	Yes			David Ball	2030 Sylvan Rill Road
Yes	Yes	0-2 years	Yes	NA		Joshua Wilson	1030 Browns Woods Drive
Yes	Yes	0-2 years	Don't Know	Yes - you are putting a sewer line through our property next to our pond - which is surrounded on one side with 100-200 year old oak trees.	We do not want to lose one tree - there should be ways to go under or north of the pond to avoid our trees. You may want to talk to us and walk around our pond before much time elapses.	Larry & Liz Bredeson	930 Browns Woods Drive
Yes	Yes	0-2 years	Yes	Depends on actual location of the trench	If the ditch in front of our home was to be filled in the elevation of the sewer could be raised. This would save some on excavation and make the street safer for traffic. Please call if you have any questions. Thanks!	Fred Thomas	260 Browns Woods Court
Yes	Yes	0-2 years	Don't Know			Kyle Kiner	2165 SE Browns Woods Drive
Yes	Yes	0-2 years	No			Mark & Kathy Larson	880 SE Browns Woods Drive
Yes	Yes	0-2 years	Yes	None that we know of.	We were not able to make it to the meeting regarding this. We would like to know if the amount for the sewer hook up has to be paid in full or if they have a type of payment plan. Thanks	Tyler Pham	290 SE Browns Woods Court
Yes	No	10+ years	Yes	yes - association, mature trees, dam, pond, narrow road, natural wildlife habitat		Michele Tilotta	2090 SE Browns Woods Ridge
Yes	No	10+ years	Don't Know	buried underground propane tank	Are the new restrooms at the Browns Woods Park/Trail entrance on sewer or septic?	LaMonte & Jean Combs	1815 SE Browns Woods Cove
Yes	No Opinion	10+ years	Don't Know	we have a septic and a few barns	We just put in a brand new septic tank so we are not wanting to connect at this time. Maybe when our septic goes out a long time from now we would be interested.	Tony & Angie Meyer	825 Browns Woods Drive
Yes	No	10+ years	No	Saving trees. Sewer line would remove all trees in creek and would be within 50' of sewer line.	This would reduce property value. More than 50% of home would be exposed to much more wind.	Susan Zaun	2190 S 11th Street
Yes	No	10+ years	Don't Know	There is a pond on my property. My residence elevation would be a problem for sewer function according to your engineers.	The costs to hook on to sewer are too great. The connection fee is a small portion of the total cost of connection.	Mark Smith	2192 SE Browns Woods Ridge
Yes	Yes	3-5 years	No	Tree preservation where possible	We appreciate the chance to meet with your engineers and project managers along with our neighbors to express support for the Browns Woods Sewer Alternative 2 along Walnut Woods Drive. We are all relieved the route through the woods and along the Raccoon River has been replaced with Alternative 2 and we are happy to cooperate with the City in any reasonable capacity.	Sam & Kim Greer	1495 SE Walnut Woods Drive
Yes	Yes	3-5 years	No			Louis & Karen Graziano	2205 SE Browns Woods Lane
Yes	Yes	3-5 years	Yes	No	We were promised water and sewer when we were annexed 25 years ago with no connection fee. ☐ Timeframe depends on current septic tank. ☐ We have lived at our location for 35 years with very few sewer or water issues. At this point in time we'd probably wait to hook up to sewer when our current septic goes out unless there was more incentive given to hook up now in light of what was promised when our area was annexed.	Rick & Diane Hickman	2155 SE Browns Woods Place
Yes	No	Never	No	We have extensive (and expensive) landscaping. This would destroy the neighborhood.	There are many trees (hence the name Browns Woods) which is why we all live here. We do not want these destroyed to make way for this construction. We live here because we don't want the typical suburban neighborhood.	Bernard & Debra Spaeth	2120 SE Browns Woods Ridge

Item 2

Are you the Property Owner?	Are you in favor of constructing the sewer now?	When do you anticipate hooking on to sewer?	Would you grant easements?	Special issues on the property:	Additional comments:	Name	Address
Yes	No	Never	No	Julianne Estates is a private road. Construction would be destructive to properties. The owners choose to live here because it is not a typical suburban neighborhood.	I have lived here 35 years. The address change, 3rd time since I've lived here, was so poorly managed I have no ? this project.	Mark & Kathryn Barnhill	2075 SE Browns Woods Lane
Yes	No	Never	No	hills; private road (extra expense and hassle for all vs WDM owned road)	this service would not be cost effective for us (esp. w/ 2nd set of fees fro private road, just paid to renovate our septic, other related fees).	Christopher Curtis	2170 S. 7th Drive
Yes	No	Never	No	My house is downhill 400' and across the road	in no way do I want this to go forward. The cost to me is astronomical, will never break even with septic, will destroy mature forest, create traffic nightmares, nor have I talked to any neighbor that is interested.	Michael Baldwin/Mike St John	1001 Browns Woods Drive
Yes	No	Never	No	N/A	No	Neff's	2255 S. 7th Drive
Yes	No	Never	No	Don't want it but we have so many trees	When DM and WDM had no water because of the flood we had water. I shared my water & washer with at least 50 people coming to shower & etc.	Ellen Tuinstra	655 Julianne Road
Yes	No	Never	No	N/A	We are satisfied with our current system. Do not want the upheaval or cost of sewers.	Mark & Kathy Stelford	2225 S 7th Drive
Yes	No	Never	No		\$16,000-17,000 for the grinder (which seems to have a short life) plus running from house to it - plus yard and road repair is out of the question. Plus the \$6000 connection fee. Holy Moly ☹ RE: Address Another of the WDM Councils screw up. This is the third new address in 43 years.	Don & Pauline Maureen	1910 SE Browns Woods Cove
Yes	No	Never	No	Unknown		Don & Barbara Brown	1855 SE Browns Woods Cove
Yes	No	Never	No	You do not have permission to come on our property.	We installed a natural peat system 3 years ago that should outlast the home on the property/	Andrew & Teri Tebockhorst	2140 SE Browns Woods Ridge
Yes	Yes	0-2 years	Yes	no		Tom & Tracy Feldman	430 SE Browns Woods Drive
Yes	No Opinion	Never	No	NA		Matt Weller	2135 SE Browns Woods Lane
Yes	No	Never	No	None	The project would not be done in time to connect our property to for building, so I would never plan on connection. This is one of the few natural areas of WDM. Please leave it that way. If the city continues to pressure citizens into destruction of the only natural areas for development purposes, I anticipate you will get a lot of push back.	Thomas Rinehart	
Yes	Yes	0-2 years	Don't Know		The residents of Sylvan Rill need an explanation of how the system will work and whether we will need to use a gravity system or an alternate pumping system.	Peter Pashler	2075 Sylvan Rill Road
Yes	No	5-10 years	No			Donald Hole	2070 SE Browns Woods Place
Yes	Yes	5-10 years	Yes			Rob & Lynne Hentzen	1065 Browns Woods Drive
Yes	No Opinion	10+ years	Yes	Special issues on my property entail access to the sewer given my 'lines' drain to the septic at the back of my house (West Side), thereby challenging the ability to hook to the sewer line proposed along SE 11th St which is the front of my house (East Side). Such would necessitate major re-construction of a 'sewer line' internally and externally from the house to the street.	It appears from on line drawings (vs that sent via hard copy to my home) that a change in the city's plans for a major trunk line have moved from the North side of property connecting Westward to the soccer field to a new plan with a trunk line along the South Side of my property (Walnut Woods Drive) connecting Westward to the soccer filed trunk. Why was this changed?	Charles Wadle	2205 SE 11th Street
Yes	No	10+ years	Don't Know	Don't know at this point	Do you intend to build a trench up 12th Street? If not, the cost would be prohibitive for us. I don't see how you will recover the \$2 million for the construction	Friedholm Brinkhaus	2341 S 12th Street
Yes	No Opinion	10+ years	Don't Know		Our present system owrks great - extremely uneconomical	James & Judith Hawkins	2195 SE Browns Woods Place
Yes	No	Never	No			Sue Mathison	2135 SE Browns Woods Ridge

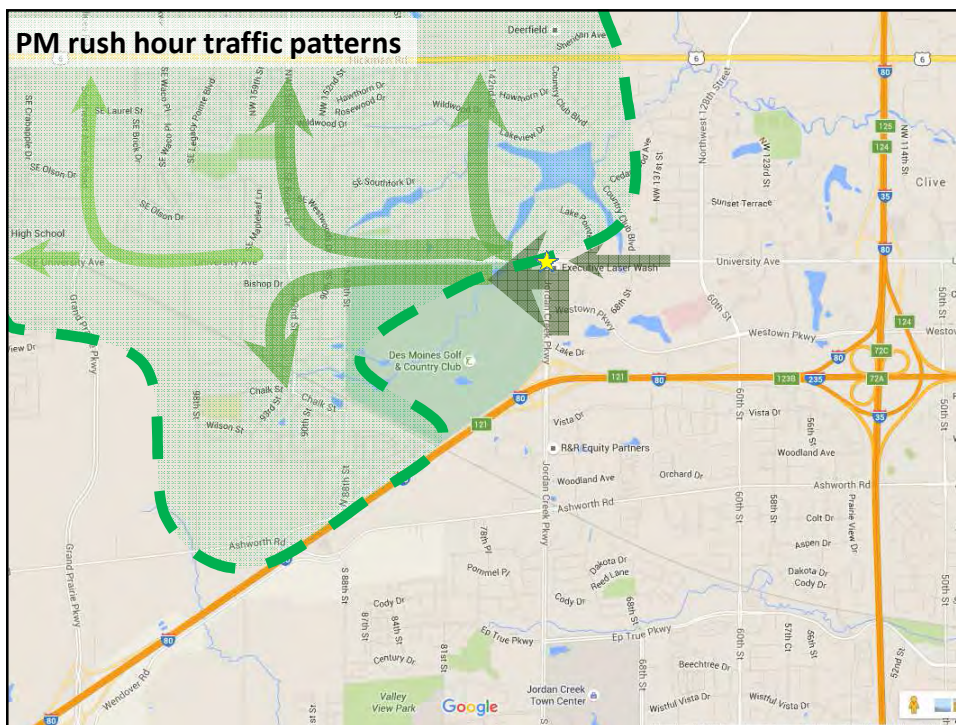
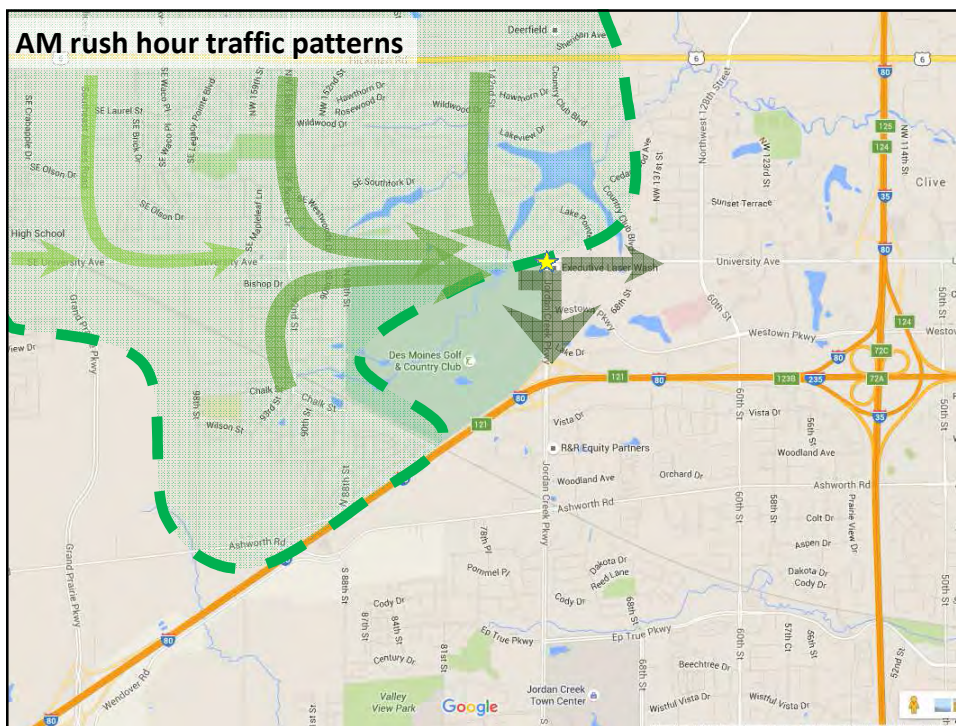
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Are you the Property Owner?	Are you in favor of constructing the sewer now?	When do you anticipate hooking on to sewer?	Would you grant easements?	Special issues on the property:	Additional comments:	Name	Address
Yes	No	Never	Don't Know	I would like to only pay one connection fee if I have to connect to the new service. I was informed I would have to pay 2 connection fees due to the location of my house.	\$12,114.00 to connect to a new sewer on top of whatever my costs are for abandoning my current system and installing the connection from my house - for the privilege of paying a monthly fee does not sound like a very good option at this time. I will pass.	Willis Fry	2096 SE Browns Woods Place
Yes	No Opinion	Never	Don't Know	Probably not	Our house is about 1100 feet down hill from Browns Woods Drive. Hooking onto a sewer would be extremely expensive for me or anyone in the future. We recently had our septic system inspected, and so far it's in good shape	Fred Weitz	1245 SE Browns Woods Drive
Yes	No	Never	Don't Know		Distance from my home to likely sewer trunk is substantial, and thus makes it unlikely I would be interested in hooking up	R. Ben & Marilyn Stone	1665 SE Walnut Woods Drive
Yes	No	10+ years	No	none that I'm aware of		Cecilia Gaudineer	1335 Walnut Woods Drive
Yes	No Opinion	10+ years	Don't Know	Water runs on my side of street; sewer could be problem	Water in area is of very poor quality often very brown turns white clothes brown. Foliage in ditch provides noise barrier and noise suppression would like to keep anything disturbed should be returned to current state	R R Sinnard	2045 SE 11th Street

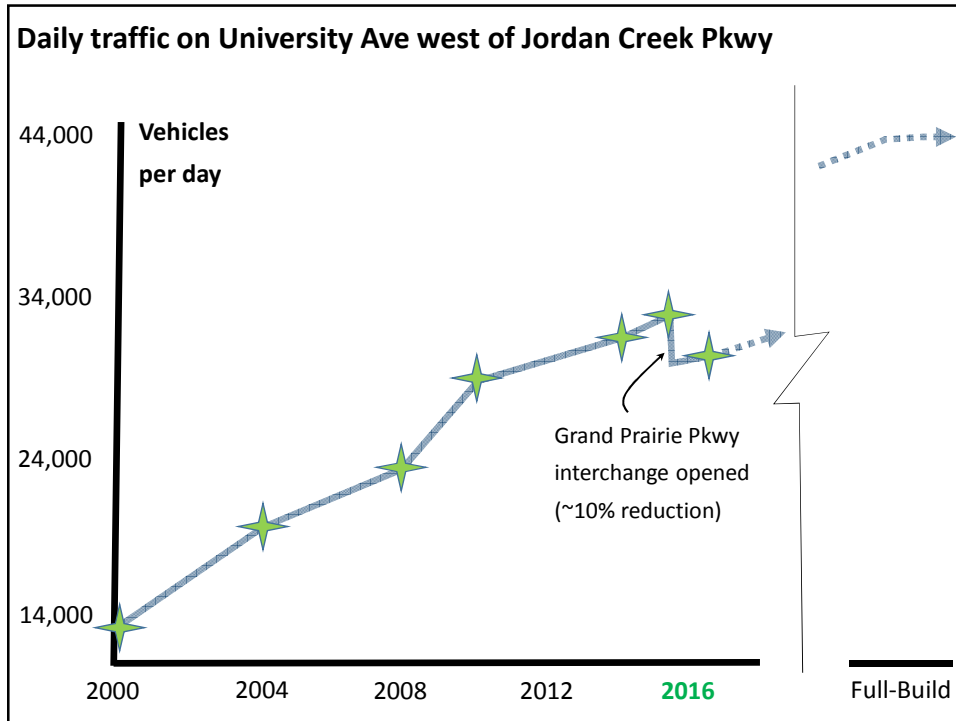
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Item 3



Intersection level of service

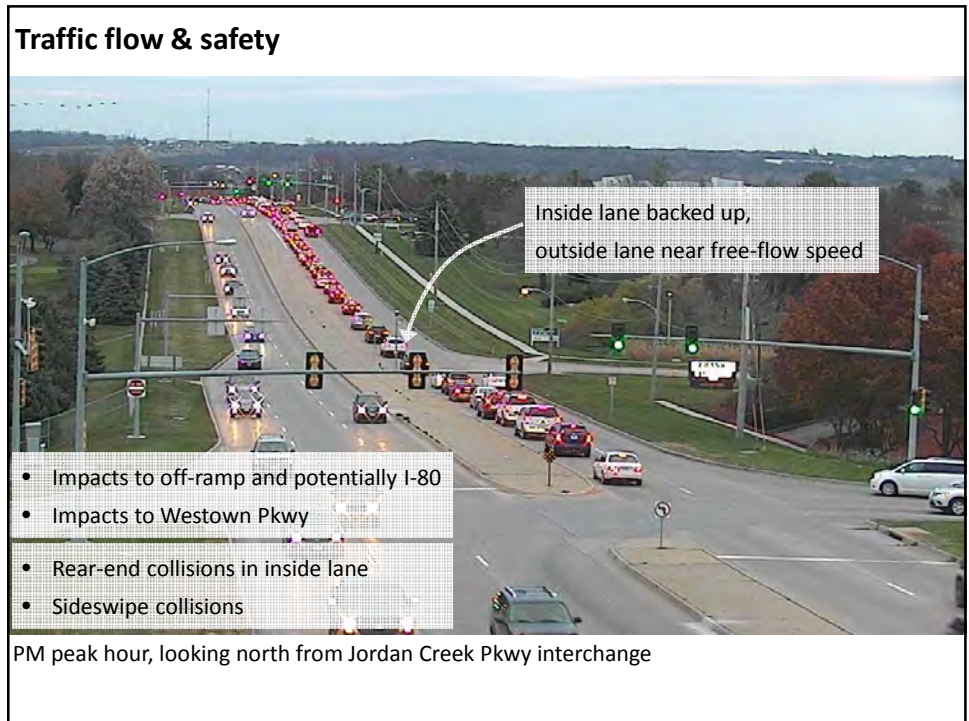
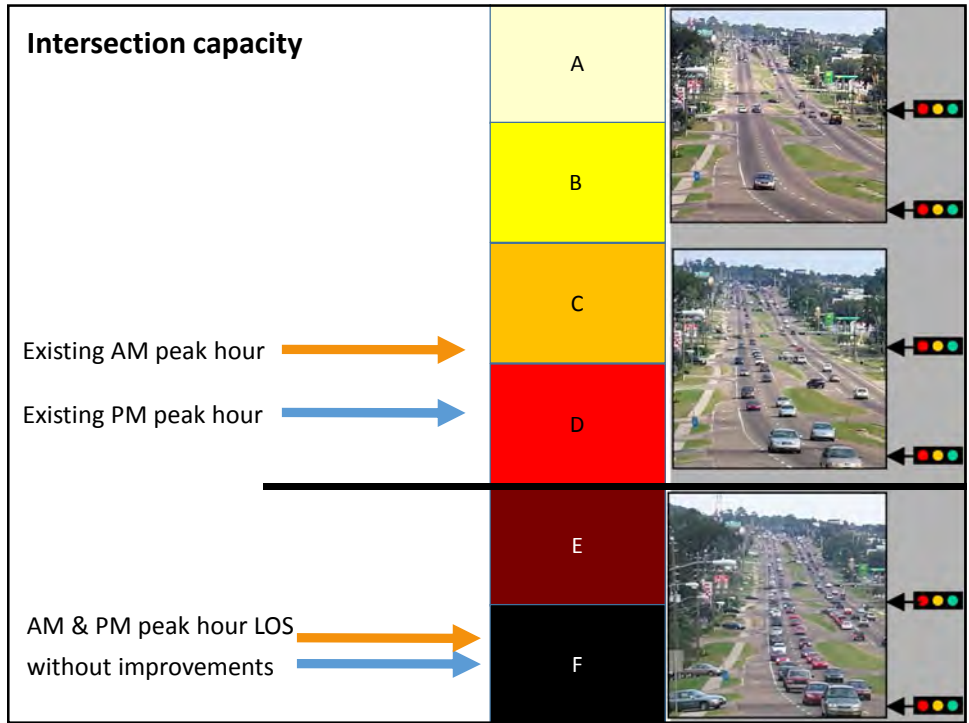
➤ LOS is a measure of capacity using overall intersection delay

- LOS A represents very short delays and free-flow speed
- LOS F represents very long delays and congested flow.

➤ LOS D is considered the limit of acceptable operation per the City of West Des Moines Comprehensive Plan.

A	
B	
C	
D	
E	
F	

Item 3



Item 3


Traffic flow & safety



- Angle collisions at full accesses that are “blocked” by queue

PM peak hour, looking north from Westtown Pkwy

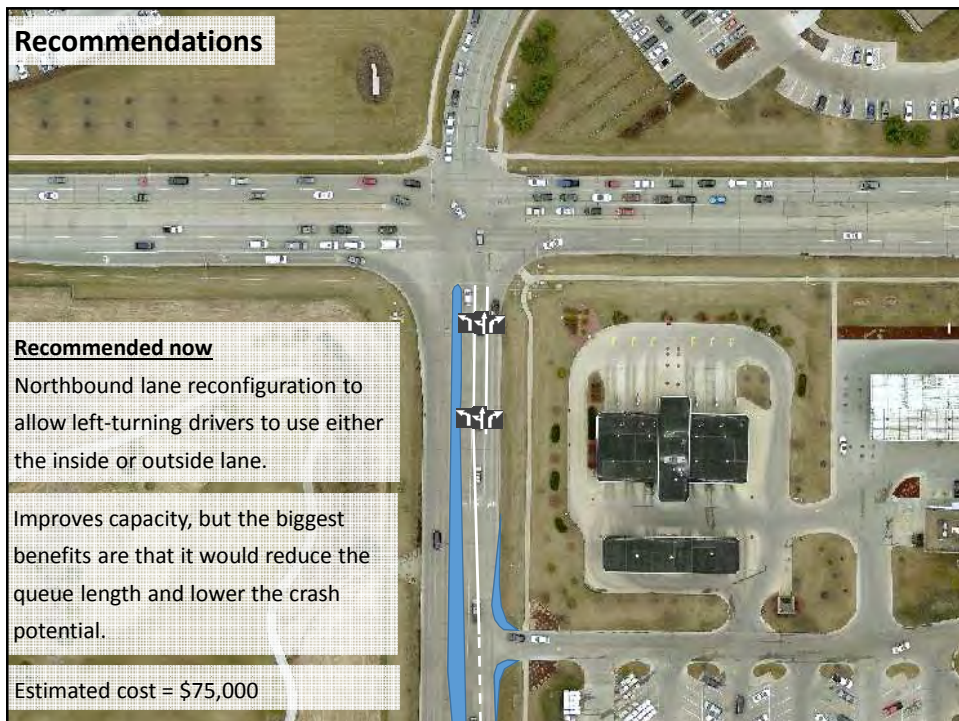
Traffic flow & safety



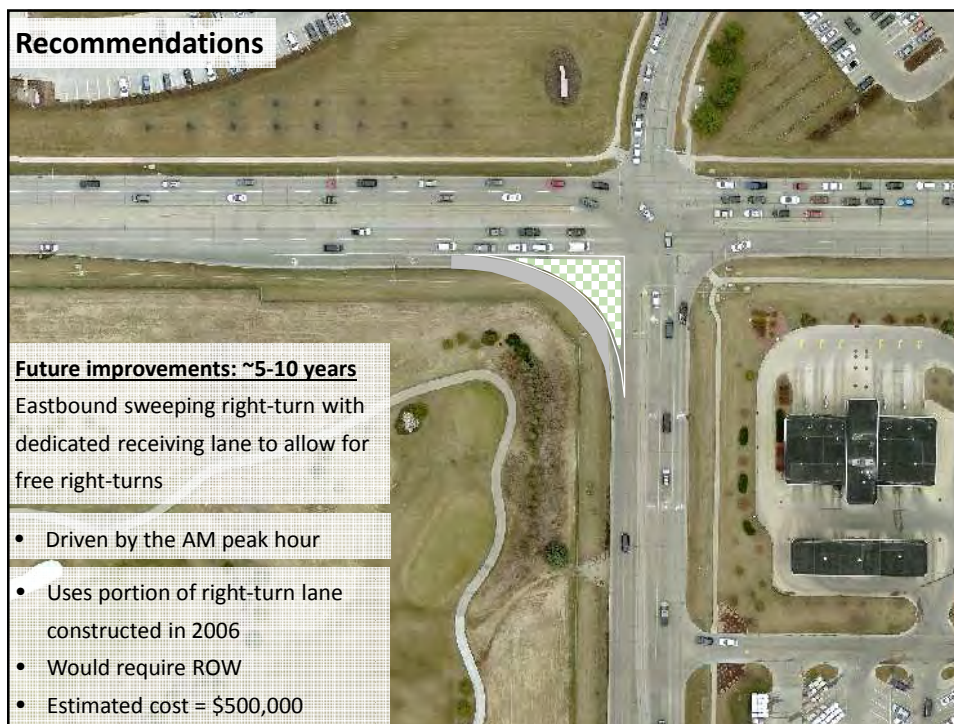
Crashes on Jordan Creek Pkwy – University to I-80

- 68 crashes in the last 2 years
 - 35 of 68 between 4-6 PM
- 4x as many crashes compared to 60th St between University and I-80 during the same period

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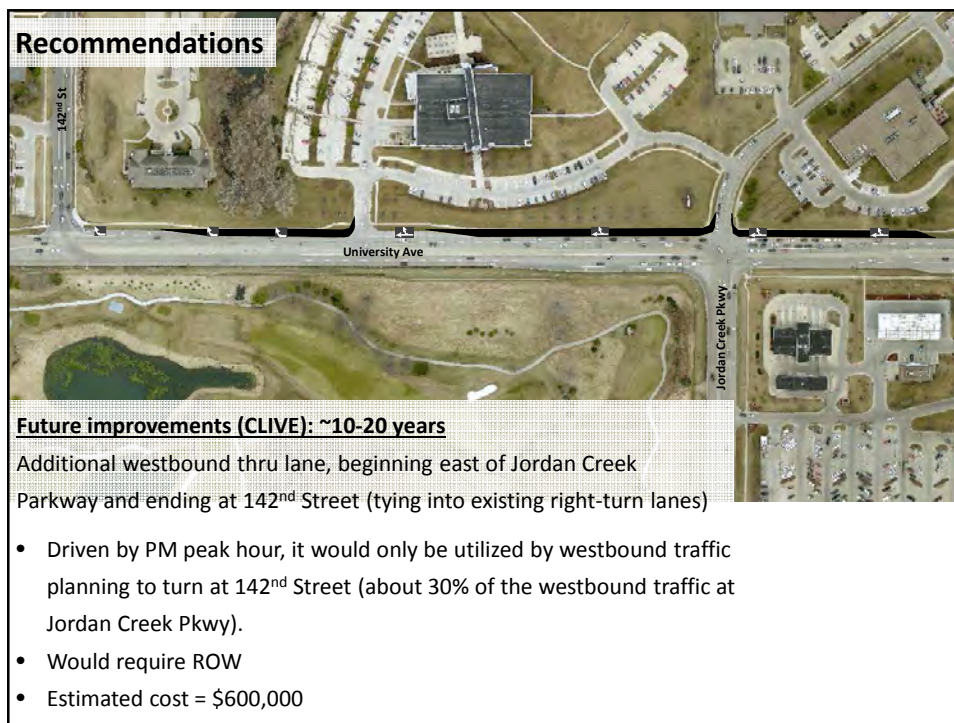
Item 3



Recommendations

Future improvements: ~5-10 years
 Eastbound sweeping right-turn with dedicated receiving lane to allow for free right-turns

- Driven by the AM peak hour
- Uses portion of right-turn lane constructed in 2006
- Would require ROW
- Estimated cost = \$500,000



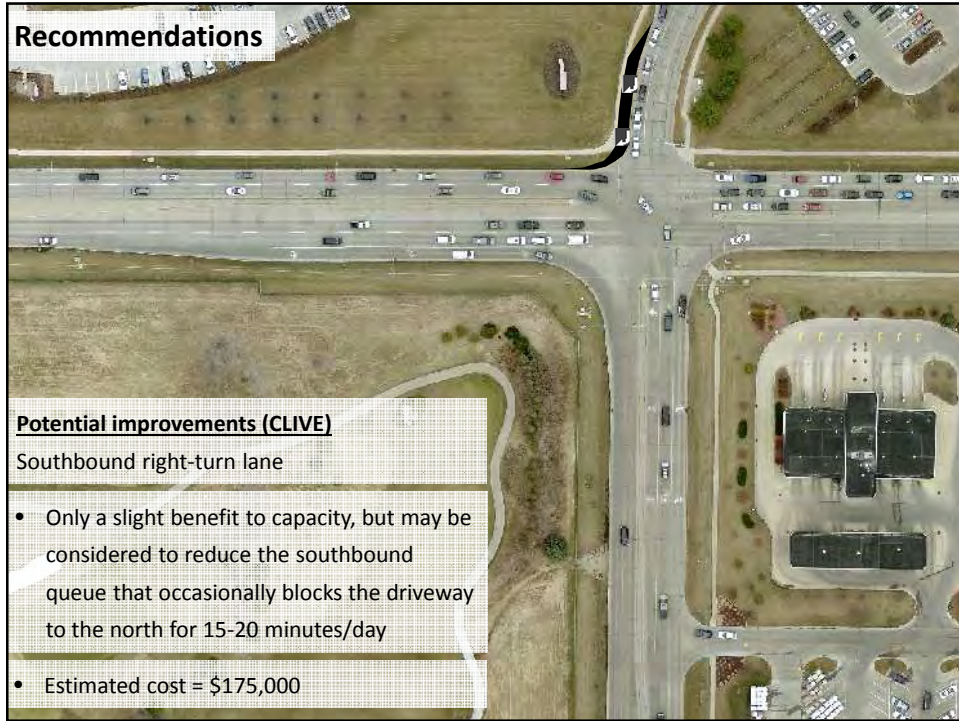
Recommendations

Future improvements (CLIVE): ~10-20 years
 Additional westbound thru lane, beginning east of Jordan Creek Parkway and ending at 142nd Street (tying into existing right-turn lanes)

- Driven by PM peak hour, it would only be utilized by westbound traffic planning to turn at 142nd Street (about 30% of the westbound traffic at Jordan Creek Pkwy).
- Would require ROW
- Estimated cost = \$600,000

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Recommendations

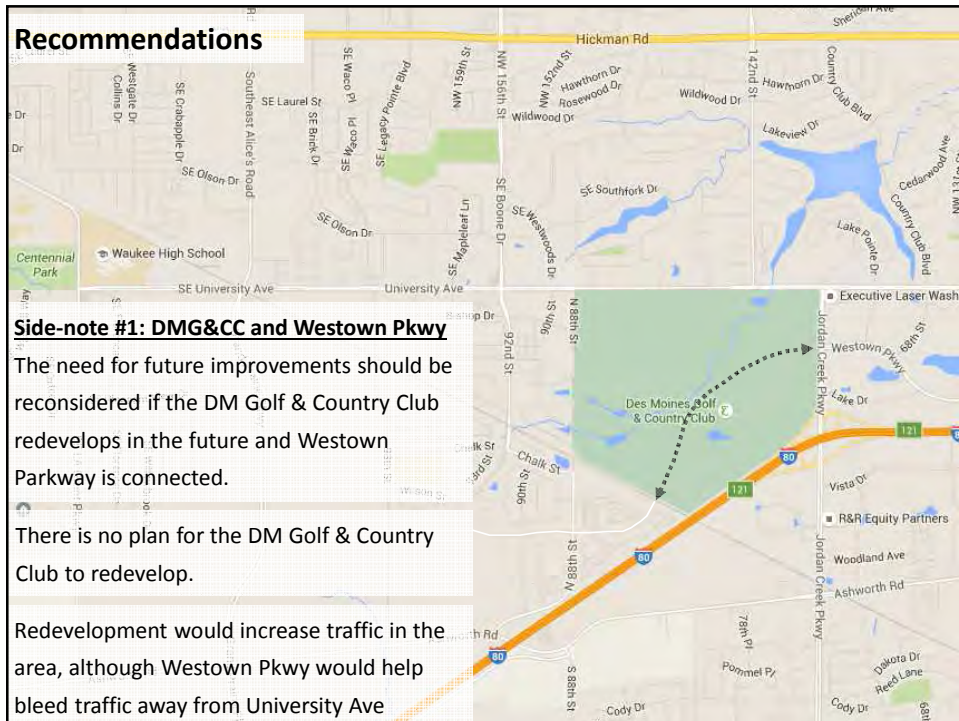


Potential improvements (CLIVE)

Southbound right-turn lane

- Only a slight benefit to capacity, but may be considered to reduce the southbound queue that occasionally blocks the driveway to the north for 15-20 minutes/day
- Estimated cost = \$175,000

Recommendations



Side-note #1: DMG&CC and Westown Pkwy

The need for future improvements should be reconsidered if the DM Golf & Country Club redevelops in the future and Westown Parkway is connected.

There is no plan for the DM Golf & Country Club to redevelop.

Redevelopment would increase traffic in the area, although Westown Pkwy would help bleed traffic away from University Ave

Item 3

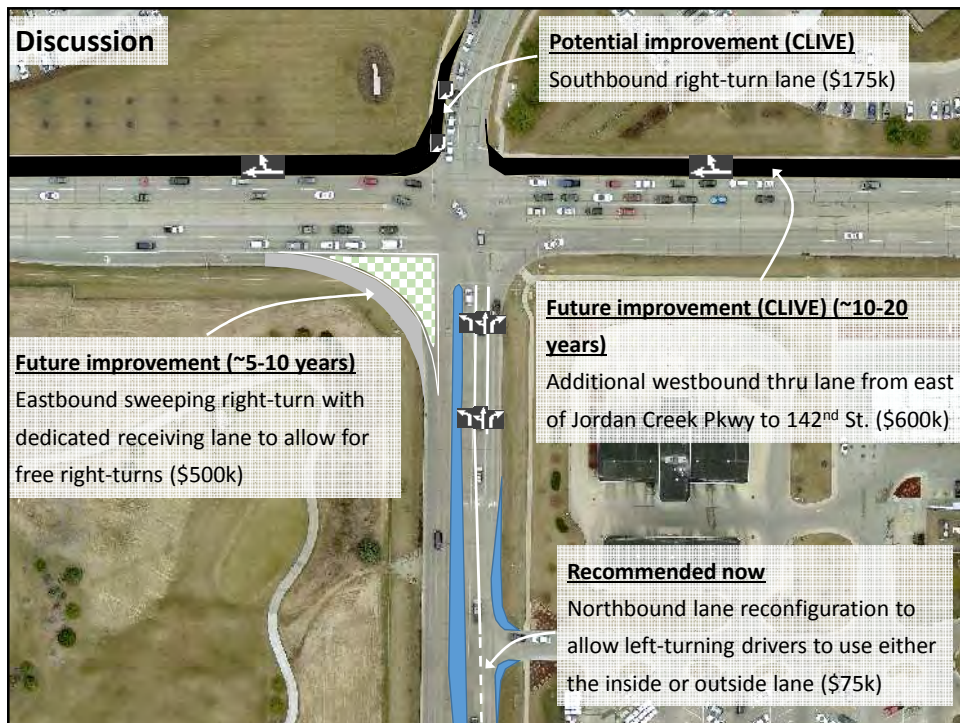
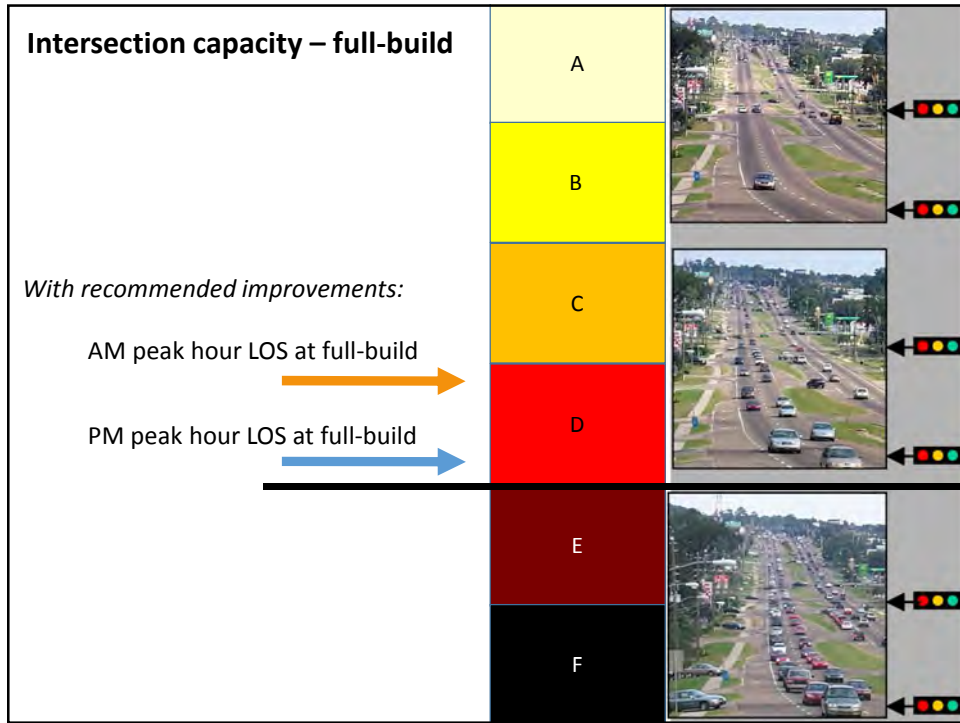
Recommendations

Side-note #2: Solheim Cup at DMG&CC
 The DMG&CC will be hosting a major golf tournament in August 2017.
 Road construction should be timed so that it does not occur during this tournament.

Summary of recommendations

- Potential improvement (CLIVE)**
Southbound right-turn lane (\$175k)
- Future improvement (~5-10 years)**
Eastbound sweeping right-turn with dedicated receiving lane to allow for free right-turns (\$500k)
- Future improvement (CLIVE) (~10-20 years)**
Additional westbound thru lane from east of Jordan Creek Pkwy to 142nd St. (\$600k)
- Recommended now**
Northbound lane reconfiguration to allow left-turning drivers to use either the inside or outside lane (\$75k)

Item 3



District 1 Office

1020 S. 4th Street, Ames, IA 50010

Phone: 515.239.1194 | Email scott.dockstader@dot.iowa.gov

February 9, 2016

County Polk
Project No. IMN-080-4(52)122--0E-77
Notification Letter No. 2016-M-157

The Honorable Steven Gaer
Mayor of West Des Moines
P.O. Box 65320
West Des Moines, IA 50265-0320

RE: Portland Cement Concrete (PCC) Patching on
I-80

Dear Mayor Gaer:

This is official notification to your City Council that the Iowa Department of Transportation (DOT) proposes to let a PCC patching project on I-80 from the west I-35/80/235 interchange east to the Jasper County line on May 17, 2016. A part of said project lies within the city.

The work will be done in accord with the current Form 810034 "Agreement for Primary Road Extension Maintenance and Operation". Project costs will be paid from the Primary Road Fund and no charges will be made against the City.


The project is proposed for construction during 2016.

Resident Engineer, Danielle Mulholland, of Grimes, Iowa, telephone number 515-986-2851, will be in charge of this project.

We would appreciate this project notification being included on your next City Council meeting agenda as a matter of information for the Council members.

If you have any questions concerning the work involved, please contact Danielle Mulholland as soon as possible in order to expedite any possible changes.

Sincerely,



Scott A. Dockstader, P.E.
District 1 Engineer

SAD/cp

cc: Deanne Popp, Office of Local Systems – DOT
Danielle Mulholland, Grimes RCE Office - DOT
Agreement/project file

Pinegar, Kimberly

From: West Des Moines, IA <webmaster@wdm.iowa.gov>
Sent: Friday, February 26, 2016 9:12 AM
To: Pinegar, Kimberly
Subject: West Des Moines, IA: Public Works Council Committee Meeting

Public Works Council Committee Meeting

- **Date:** 02/29/2016 11:30 AM - 1:30 PM
- **Location:** West Des Moines City Hall - Training Room
[4200 Mills Civic Parkway](#)
[West Des Moines, Iowa 50265](#)
- **Agenda:** [2.29.16 PWCC Agenda](#)

Having trouble viewing this email? [View on the website instead.](#)

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