## MEETING MINUTES PUBLIC SERVICES COUNCIL COMMITTEE

Monday, June 18, 2018 City Hall Training Room

### In Attendance:

Council Member – Kevin Trevillyan

Council Member – Russ Trimble

Deputy City Manager – Jamie Letzring

City Engineer – Brian Hemesath Finance Director – Tim Stiles

Director of Community & Economic

Development - Clyde Evans

Public Services Superintendent – Kevin

Hensley

Public Services Deputy Director – Joe Cory

Principal Traffic Engineer – Jim Dickinson

Principal Engineer – Ben McAlister

Principal Engineer – Jason Schlickbernd Principal Traffic Engineer – Eric Petersen

Assistant City Attorney – Greta Truman

Communications Specialist – Lucinda Stephenson

Parks Superintendent - David Sadler

Item 1 Guests – Ryan Davis, McClure Engineering;

Dr. William Chase

Item 2 Guest – Ms. Linda Busick

Item 3 Guest – Russ Van Ploeg

Meeting called to order at 11:35 AM.

### 1. 88th & Ashworth Interchange Issue Summary:

Short of completing a formal Interchange Justification Report (IJR) for a possible interchange on I-80 near 88<sup>th</sup> & Ashworth, the City contracted with McClure Engineering Company to examine a few different types of interchanges to see what would fit best at this location. Ryan Davis with McClure Engineering Company was present at the meeting to discuss the different types of interchanges examined along with the footprint needed to construct each. It was determined that either the Diverging Diamond or Traditional Diamond type of interchanges would work best at this location and that the same bridge configuration could be used for either type of interchange, allowing for some flexibility in the future. The existing Ashworth Road bridge over I-80 could remain in service throughout most of the construction of the new bridge(s). These findings will allow the design of Ashworth Road west of I-80 to 98<sup>th</sup> Street to continue and will also allow the City to move forward with the design of the bridge(s) over I-80 (less ramps) in advance of the interchange being approved. It would be in the City's best interest to reserve areas within the footprint of the recommended interchange design so that any proposed development adjacent to the interchange does not make it more difficult to construct in the future.

### **Direction**:

PSCC was supportive of staff recommendations.

### 2. <u>Maple Grove West Mailbox</u> <u>Issue Summary:</u>

Linda Busick lives at 9457 Cedarwood Court in the Maple Grove West neighborhood north of Maple Grove Elementary. There are USPS gang mailboxes serving this neighborhood. The box that Ms Busick gets her mail from is 3 houses away (200 feet) from her home. Ms Busick prefers to get her mail when she is driving by on her way to her house. She parks her vehicle and walks to the mailbox. Ms Busick uses a walker and finds it difficult to access the mailbox from the street since the carriage walk from the street to the mailbox is only 2 feet wide and there is no pedestrian ramp. She would like the City to install a ramp so she can more easily access the mailbox from her vehicle. Ms Busick's alternatives are to use the handicapped accessible public sidewalk from her home or to get a PO Box from the local post office that has ADA accessibility.

Ms Busick has had many discussions with Public Services and her concerns are summarized in the following bullets:

- Initially the snow was not being removed from the carriage walk, but since then the HOA has let the adjacent resident know it is his responsibility. He has done OK with it last winter. He was unaware it was his job to take care of it.
- The HOA reviewed her request for a ramp and decided not to construct it.
- Her limit on walking is to the mailbox. She can't make it back home. So she drives to the mailbox.
- With her walker she can't negotiate over the curb without fear that she will lose control and land in the street.
- The paved area along the mailbox is two feet wide. Even when the snow is cleared her walker is three feet wide.
- The paved area in front of the mailbox is two feet, so she can't access it in the winter with her walker. The mailbox may be able to be turned to help this situation.
- The nearby drive approaches are not always clear enough of snow and ice to use them.

USPS gang mailboxes are designed to be accessed from the ADA accessible public sidewalk. Street access to the mailboxes is not encouraged. The carriage walk is installed at the request of the post office for ease of the postal worker in accessing the mailbox especially during snowy or icy conditions. The carriage walk is not intended for use by residents although it could be even though it is not ADA compliant. Since carriage walks do not encourage a crossing of the street, a ramp is not encouraged or required. Staff has indicated to Ms Busick that accessibility from the street is something City Staff would not support. We are seeking a recommendation by the committee on this issue.

### **Direction**:

PSCC referred Ms. Busick to her Homeowner's Association regarding enlarging the concrete pad at the mailbox site. Deputy Director Cory will first confer with the USPS regarding the possibility of rotating the mailbox station 90 degrees, thereby eliminating the need for a larger concrete pad.

### 3. 1641 S 35th Street Drainage

### Issue Summary:

Staff has been approached by Terry Gray at 1641 S 35<sup>th</sup> Street regarding drainage in and around his property. Mr Gray has repeatedly experienced water in his basement which he believes is partially due to

the poor drainage of the S 35<sup>th</sup> Street road ditch. When this issue was brought before the committee in 2015 the recommendation was for staff to perform maintenance of the road ditch to improve drainage. Subsequently, Staff has determined the road ditch cannot be graded to drain without lowering the driveway culvert of the downstream property due to elevation. At the recommendation of the City's legal department, Staff is bringing this issue to the committee to discuss whether the City should lower the private driveway culvert, including pavement replacement, or explore options to compel the property owner to do so.

### Direction:

PSCC advised that Mr. Gray obtain an engineering study to determine the solution to the drainage issue. They were supportive of grading the ditch only if the engineering study determines that this will help resolve the problem.

### 4. <u>Prairie View Drive – On-Street Bicycle Facility</u> *Issue Summary:*

An on-street bicycle facility is planned for South Prairie View Drive south of EP True Parkway to the Ponderosa Village Trail. This section was originally planned to have shared lane markings ("sharrows"), with these markings budgeted and planned for installation in FY 18-19. After further review of the land use and roadway characteristics, Staff recommends striping this section with 5' bike lanes and 10' travel lanes instead of adding sharrows. Widening of the roadway is not necessary to achieve this configuration. The cost is comparable to sharrows, so there is no change to what has already been budgeted.

This item was discussed with the Bicycle Advisory Commission at their June 7<sup>th</sup> meeting, and they were supportive of making the change to bike lanes. Staff is seeking concurrence from the Committee to install bike lanes rather than sharrows on this street.

### **Direction:**

The PSCC was split in their decision. Council Member Trevillyan was not supportive of using City funds for additional bike lanes, sharrows or signage as State laws allow bicycles on city streets. Council Member Trimble was supportive of staff recommendations.

### 5. Review of Public Services Items for Council Meeting (June 25, 2018)

- h. Resolution Order Construction South Area Lift Station Improvements with accompanying resolution for acquisition of ag land
- i. Resolution Accept Public Improvements Jordan West Plat 3 (Paving and Storm Sewer)
- j. Resolution Approval of Professional Services Agreement Construction Testing Services

City Engineer Hemesath added there will be a planned Change Order for removal of house of north side of County Line Road, if no bids to move then \$37,000 for change order to remove the house.

Traffic Engineer Dickinson noted that there will be approval of a 4 way stop at 6<sup>th</sup> and Maple. This will restrict parking 40 feet back in front of Polk County Community Center, affecting approximately 2 spaces.

Principal Engineer McAlister informed Council there will be a professional services agreement for new benchmarks.

### 6. Staff Updates

City Engineer Hemesath informed of four projects requesting approval to work on Saturdays.

- SW Grand Prairie Parkway
- Veterans Parkway
- Alluvion Booster Station
- South Jordan Creek at Mills Civic, 15 day project, 1 lane left open

**Direction:** PSCC members approved.

Deputy Director Cory noted some resident confusion regarding appliance disposal this spring, and informed that appliance pick-up will be scheduled to coincide with next year's Spring Clean-up. Council Member Trimble mentioned that the list of items residents could dispose of on Clean-up Day was not as detailed this year as in prior years. Deputy Director Cory responded that Public Services will publish a more detailed list next year.

Traffic Engineer Eric Petersen informed that the City Map will soon be available electronically, and will be able to be updated monthly, rather than every 1-2 years. Departments will be able to choose layers to add to the maps, choosing to print what is most useful.

Parks Superintendent Dave Sadler provided that the Fairmeadows Park bio-swale project is complete and Council will be asked to Accept Work. As a reminder, this was a project funded by a grant from Polk County. Also Florer Park (located on the north side of Holiday Park) site improvements are planned, and Council will tentatively be Ordering Construction at next meeting.

### 7. Other Matters:

Council Member Trimble questioned whether Development Services should create a mailbox standard. Assistant Engineer McAlister responded that the USPS has a standard which the City follows.

Council Member Trimble suggested exploring additional parking for Valley Junction. Economic Development Director Evans replied that an extensive study determined that there isn't a real need for additional parking, however there is parking planned for 6<sup>th</sup> Street on the 300 block. Council Member Trimble mentioned additional residents moving above retail stores. Director Evans noted that residents are allowed to park in City lots for 23 hours per day. Council Member Trevillyan added that many complaints are from individuals who would prefer to park directly in front of an establishment rather than parking behind and walking around to the front entrance.

The meeting adjourned at 1:16 PM. The next Public Services Council Committee meeting is scheduled for July 2, 2018.

Copies of handouts are available at Engineering Services upon request. A recording was made. Respectfully submitted by Jennifer Canaday, Administrative Secretary.



### PUBLIC SERVICES COUNCIL COMMITTEE MEETING AGENDA

Monday, June 18, 2018 – 11:30 AM

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

- 1. 88<sup>th</sup> & Ashworth Interchange (JS)
- 2. Maple Grove West Mailbox (Guests, BJH, 12:00 p.m.)
- 3. 1641 S 35<sup>th</sup> Street Drainage (BM)
- 4. Prairie View Drive On-Street Bicycle Facility (EP)
- 5. Review of Public Services Items for Council Meeting (June 25, 2018)
- 6. Staff Updates
- 7. Other Matters

### 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.

# All visitors to the Public Works Council Committee meetings are asked to sign in.

# Thank you!

# PUBLIC WORKS COUNCIL COMMITTEE MEETING GUEST ATTENDANCE

Date: (6-18-18)

Printed Name & Organization	Address / E-mail	Day time phone #	Topic
Avan Davis	1360 NJ 12154 St. Clive, IA 50315 SIS-988-8013	515-484-8013	Ashworth
Active Engineering Company	rdavis @mecresults.com		
Linds Busiek	9457 Cedarwood Ct SIS-446-717 Mailboxes	111-74t-515	Maibores
Um Chase	9396 ashworth R	515 987-504	515 987-506 Intershange
	WDM		2
Rees Van Ploeg			

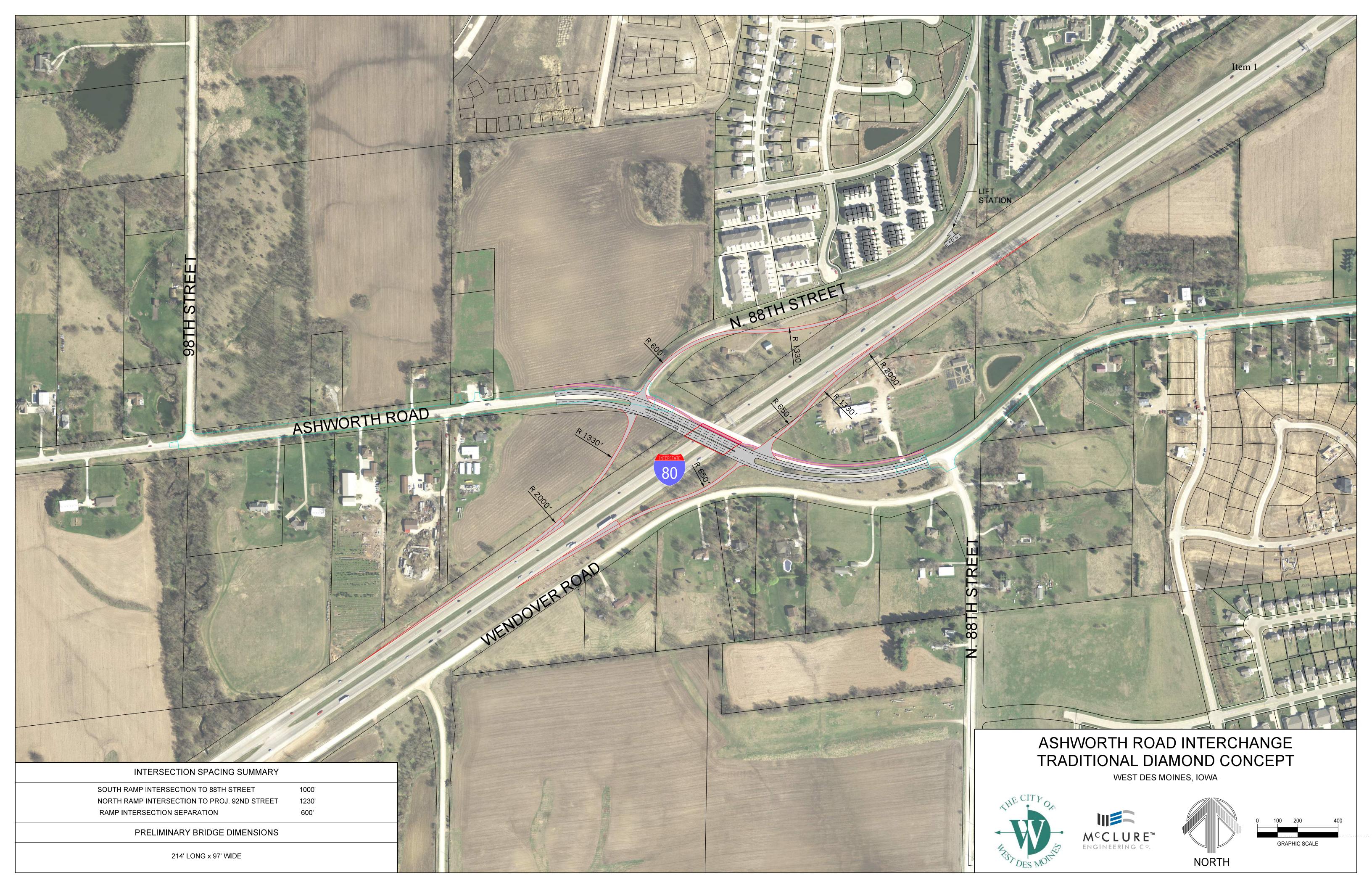


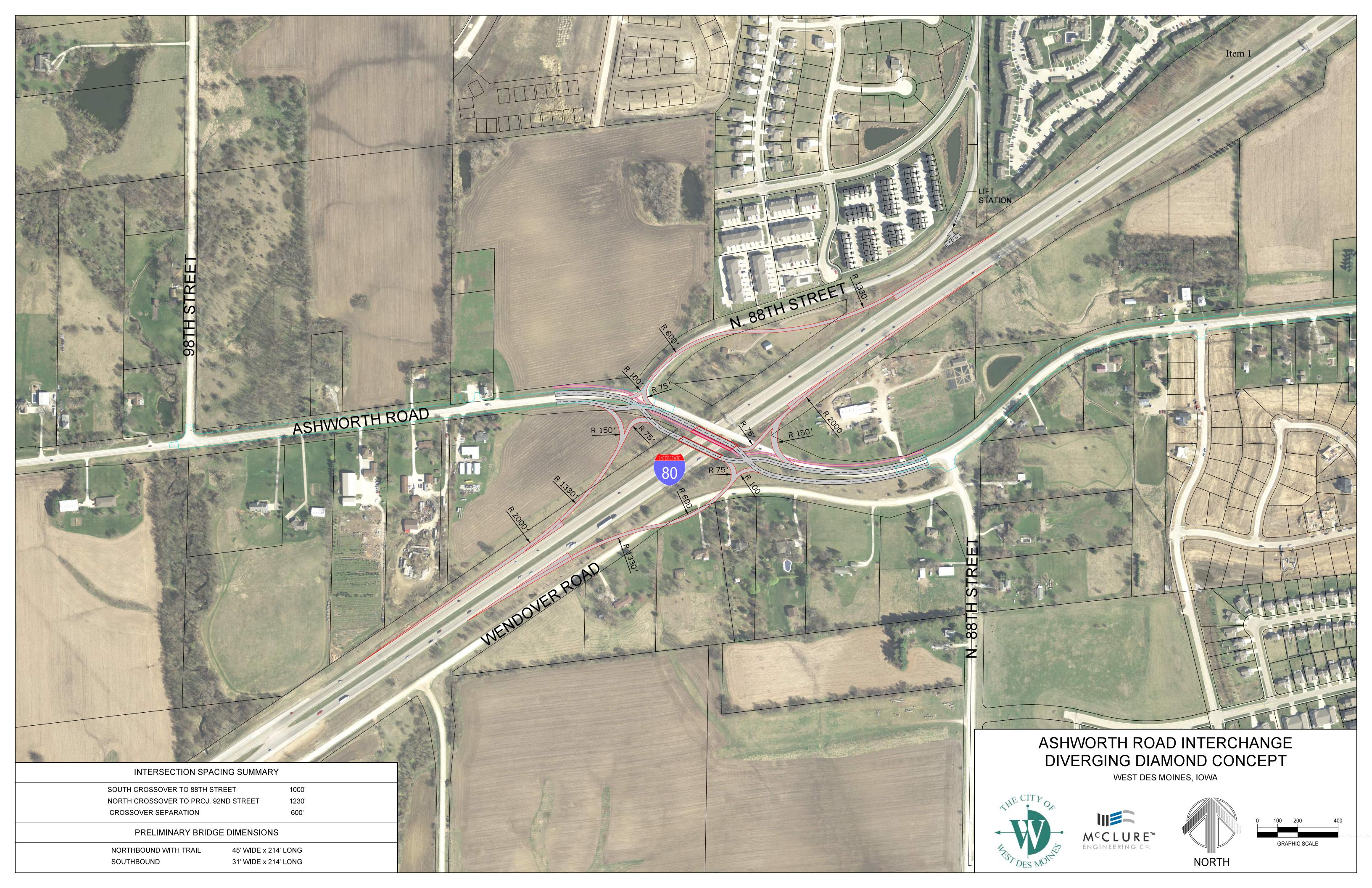


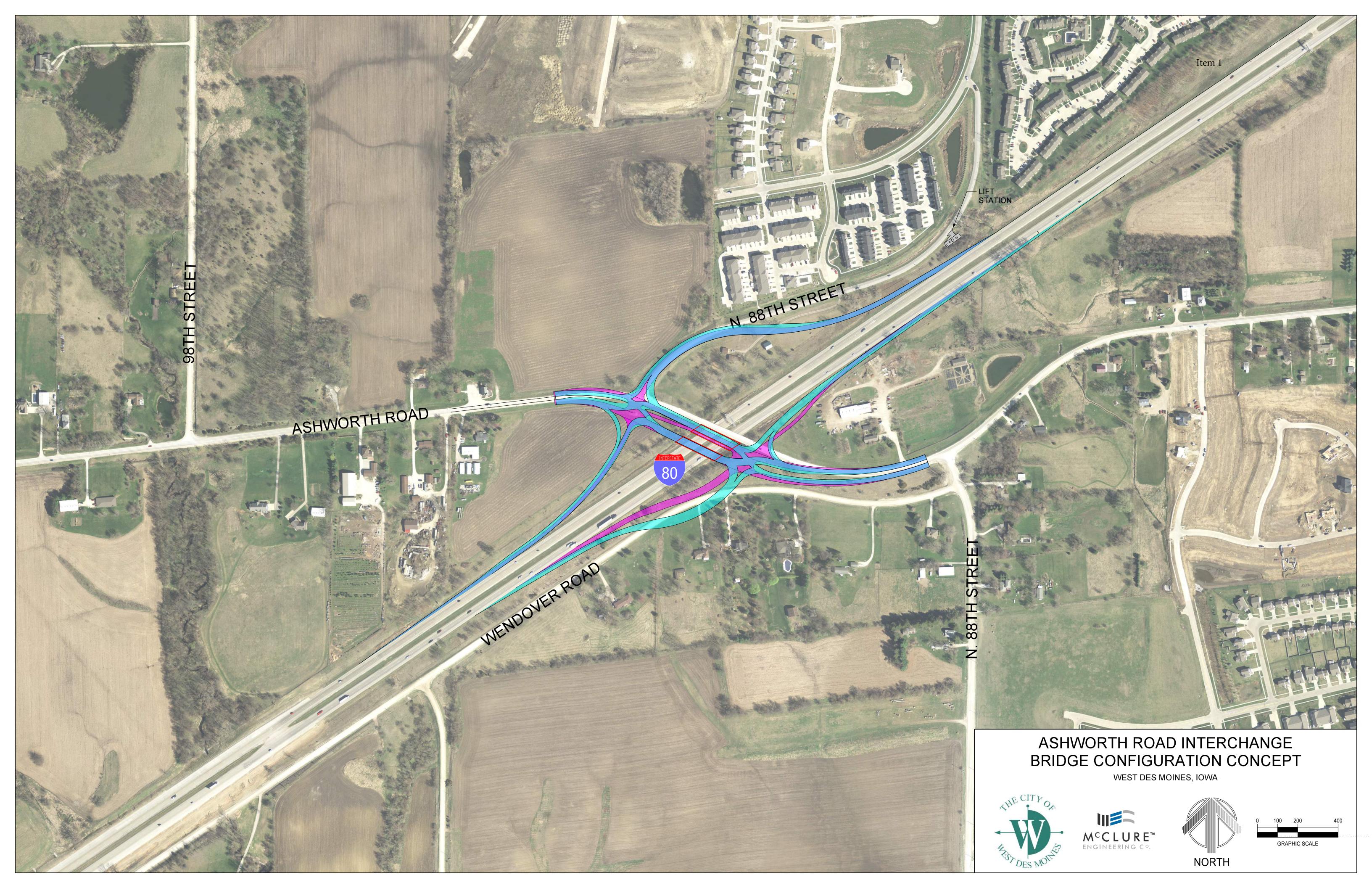


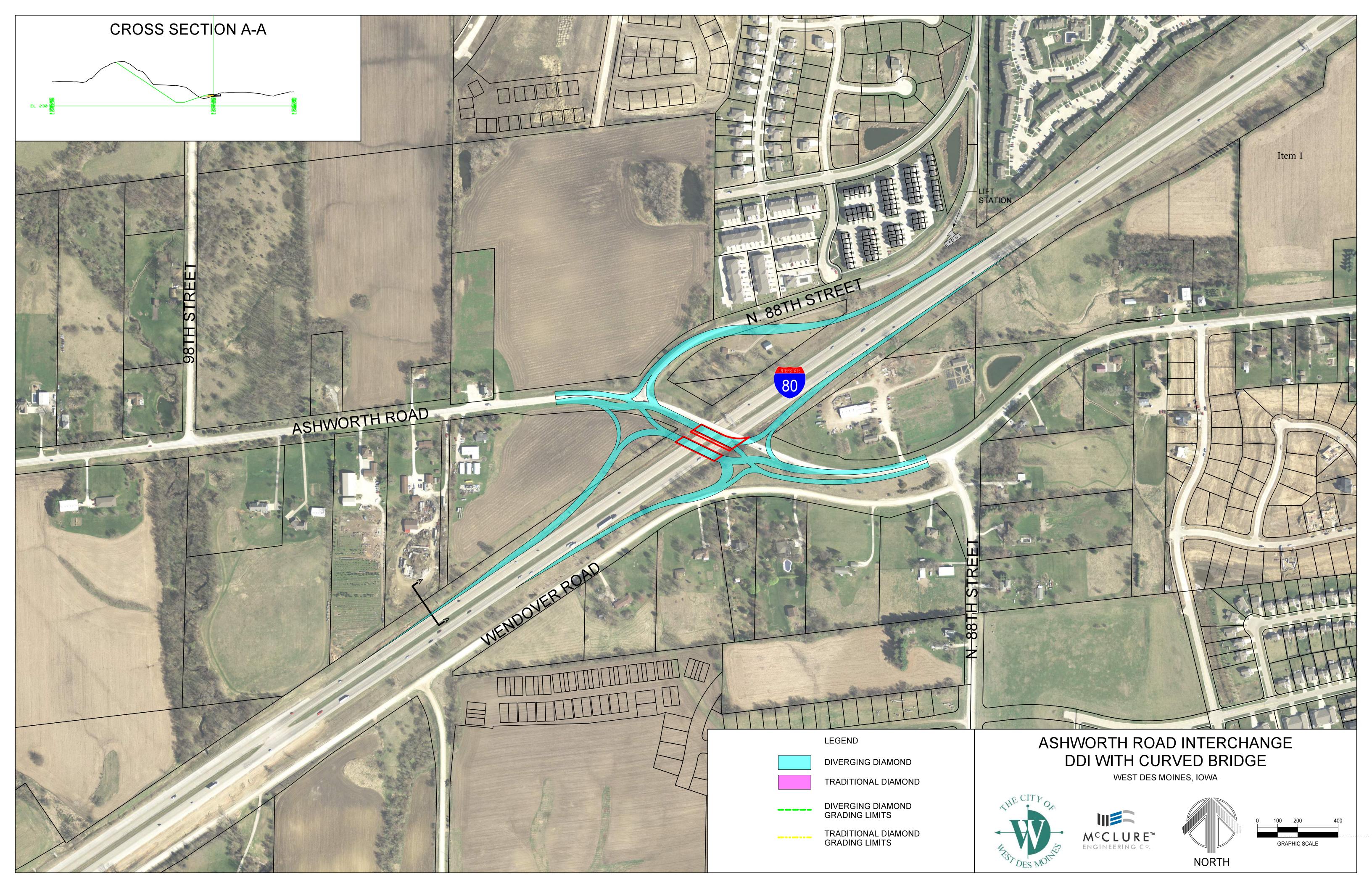


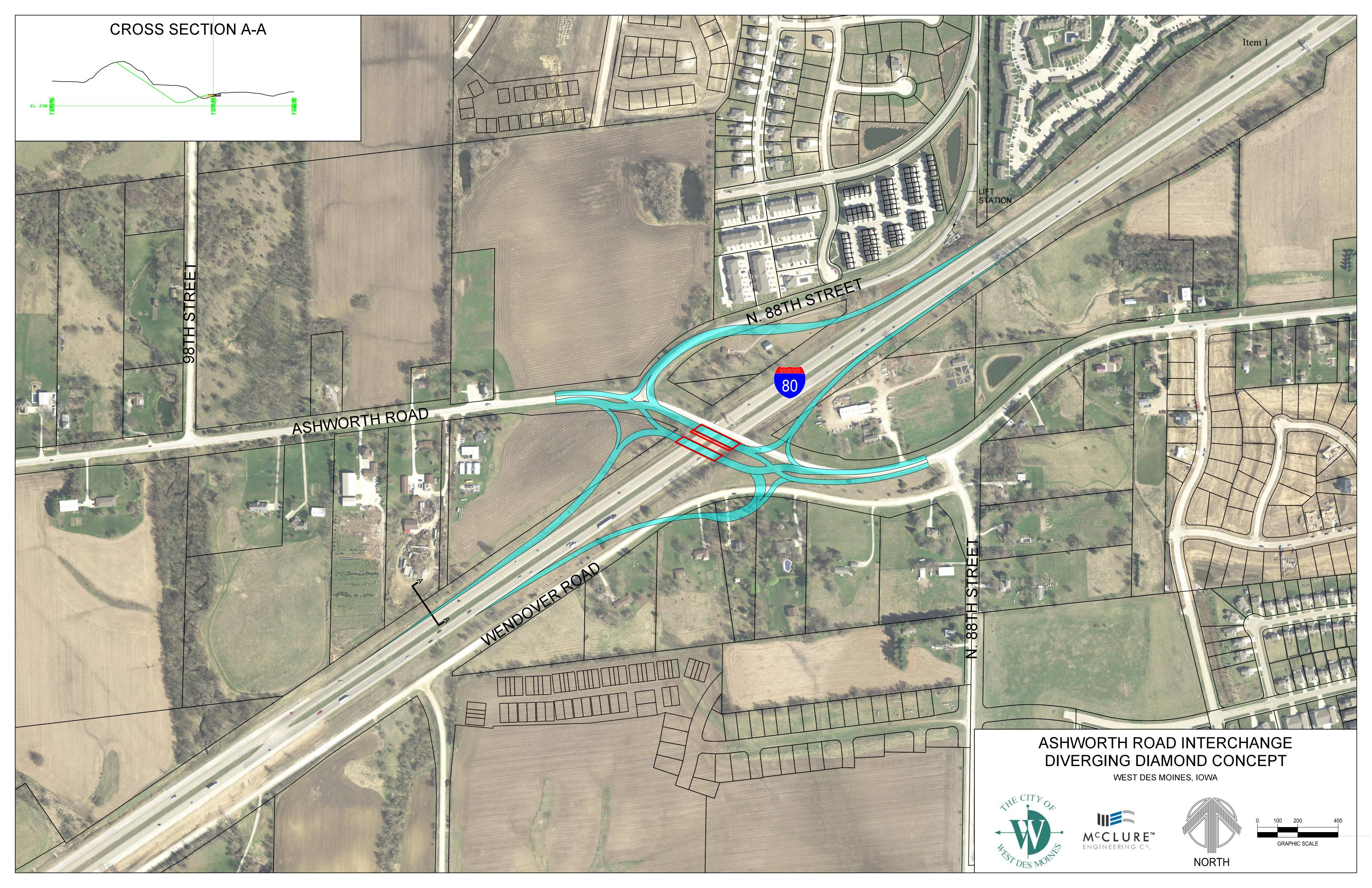


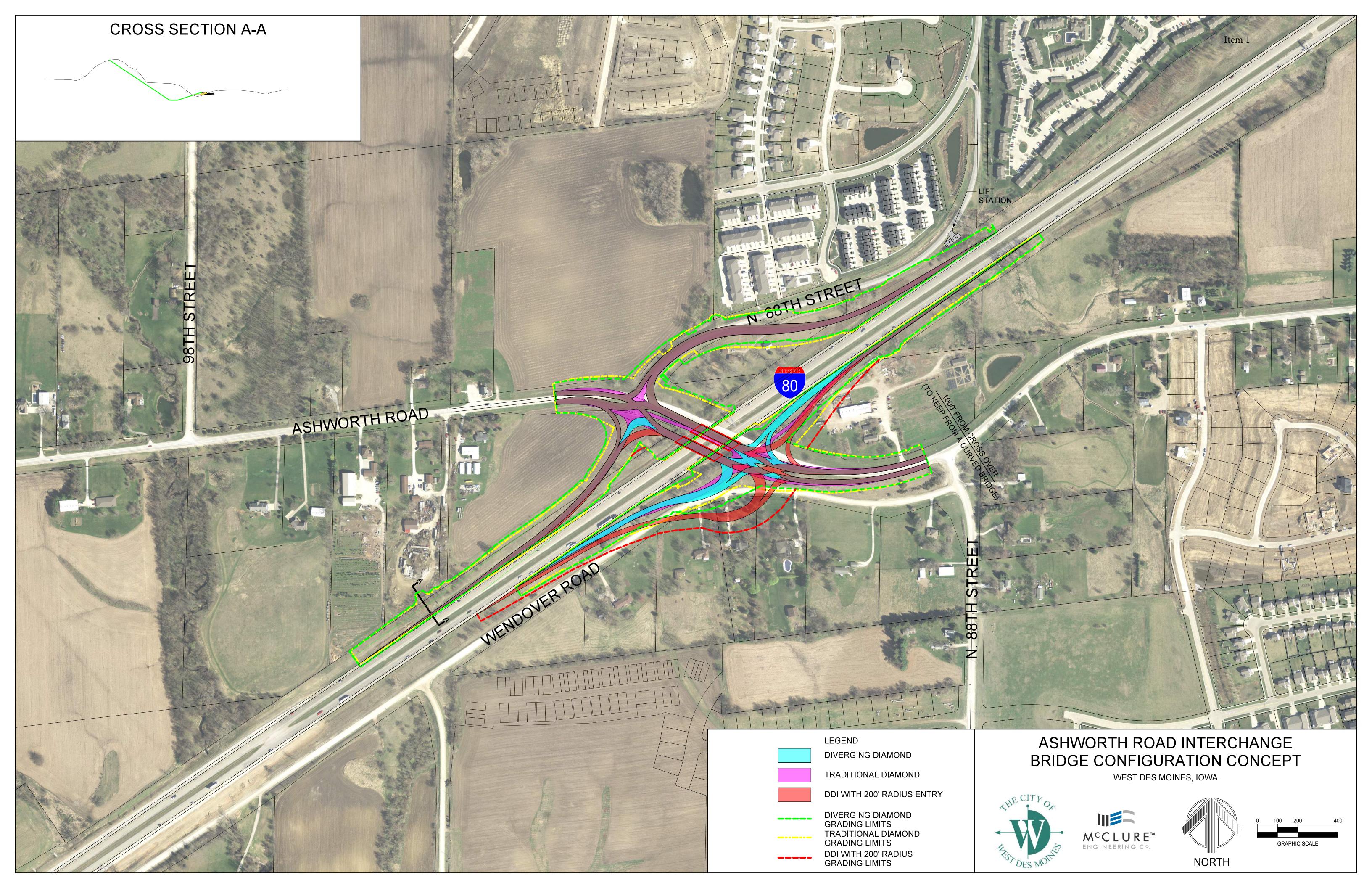












### I-435 & Roe

Jan. 1, 2011 through Dec. 31, 2013



Surface Condition	1	Time of Day		Day of week	(	Contributing Circumstance		Injury type	
Dry	81	7:00 - 9:00	16	Sunday	5	Under the influence of alcohol	2	Non Injury	72
Wet	7	9:00 - 11:30	9	Monday	17	Mobile (cell) phone	1	Possible	10
Snow or Slush	0	11:30 - 13:30	18	Tuesday	7	Other distraction in or on veh.	1	Injury	7
Ice orsnowpacked	3	13:30 - 16:00	13	Wednesday	11	Inattention	18	Disabled	2
Unknown/Other	0	16:00 - 18:00	16	Thursday	21	Failed to yield	28		
		18:00 - 20:00	9	Friday	21	Red light running	9	Total	91
Total	91	20:00 - 7:00	10	Saturday	9	Followed too closely	12		
						Too Fast for conditions	4		
		Total	91	Total	91	Avoidance	1	Year	
						Reckless / careless driving	1	2011	27
						Improper lane change	2	2012	30
						Other/Unknown	8	2013	34
						No driver contributing circumstance	4		
								Total	91
						Total	: 91		

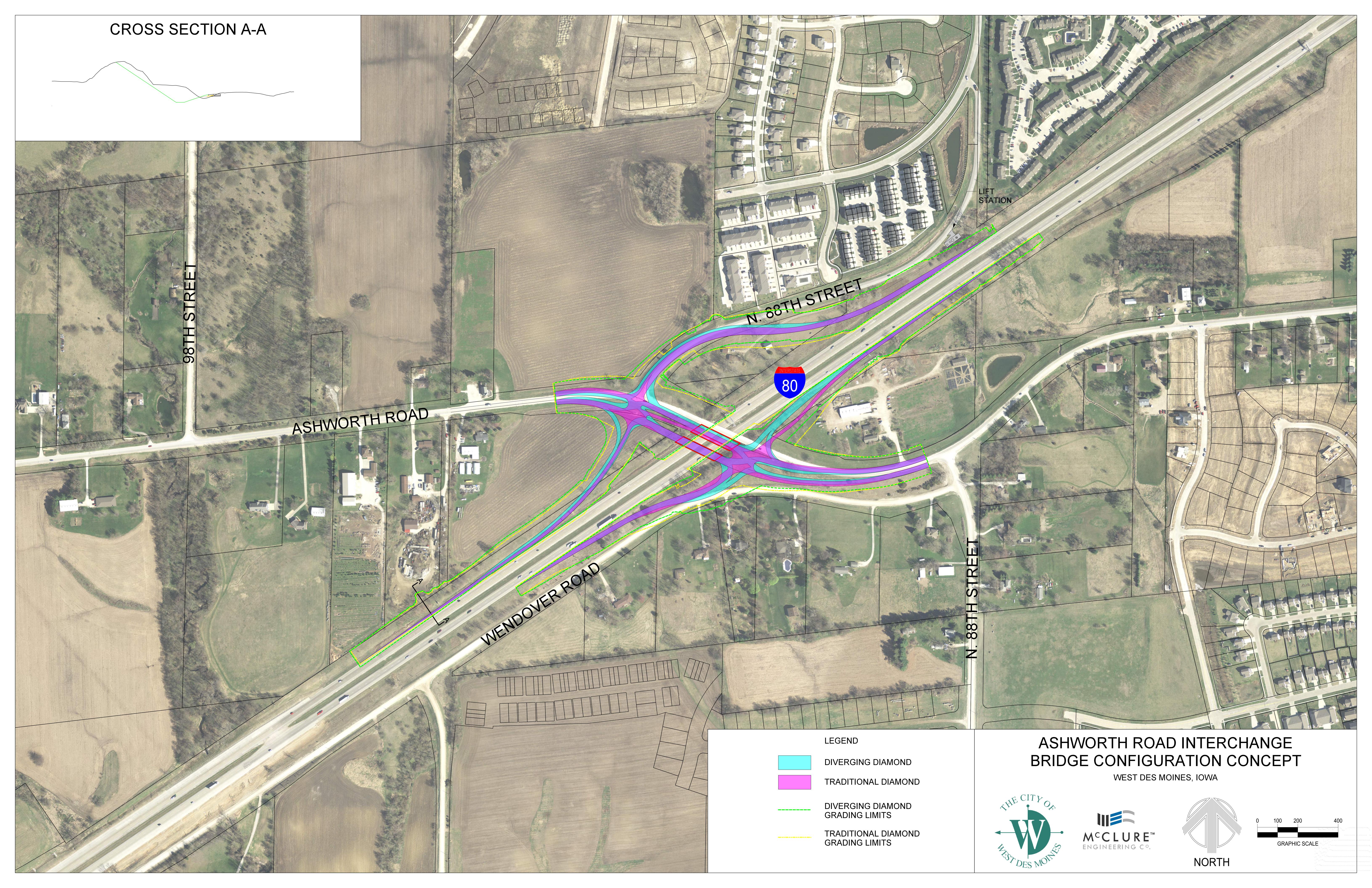
### I-435 & Roe

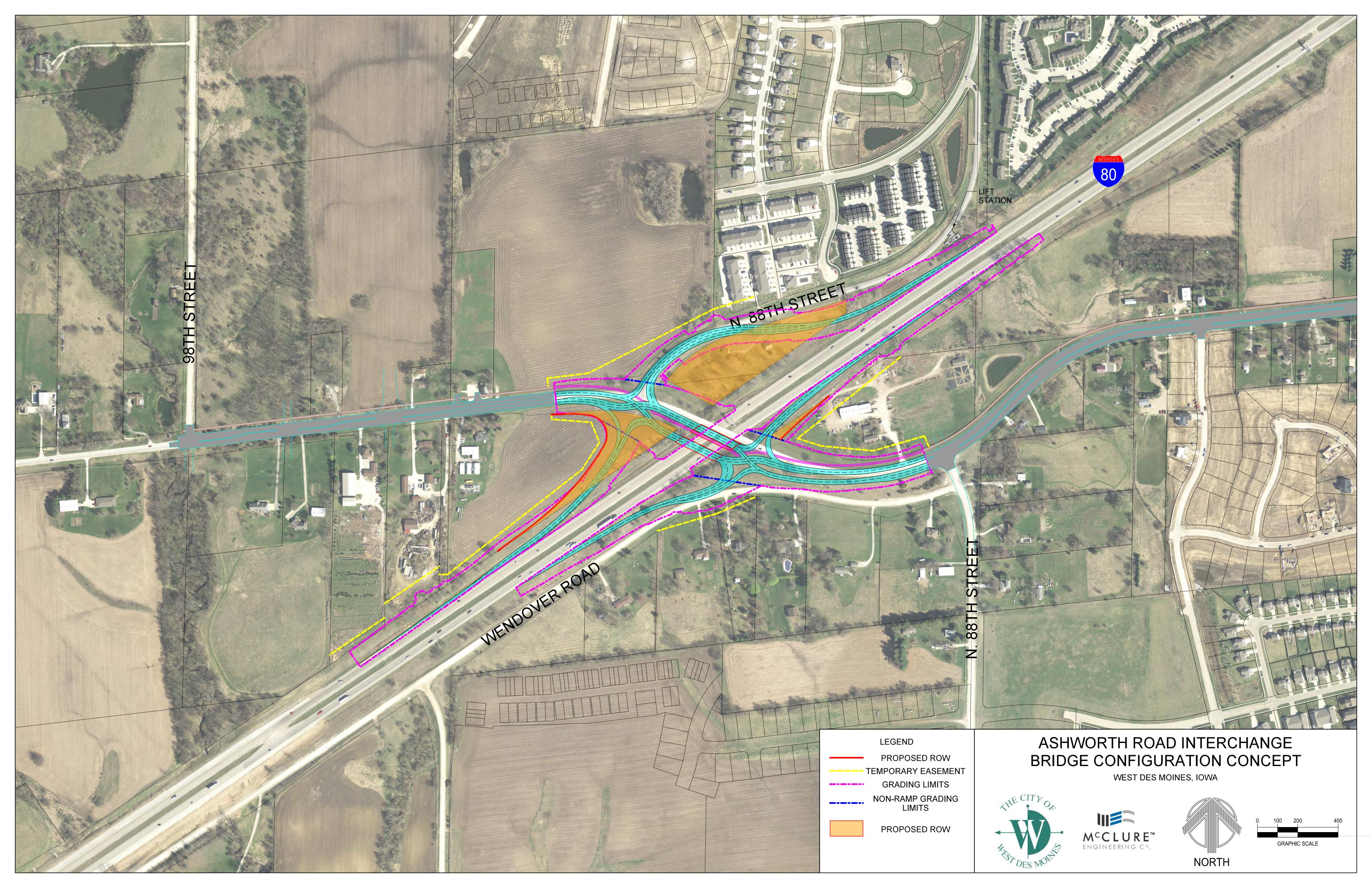
Jan. 1, 2015 through Dec. 31, 2017

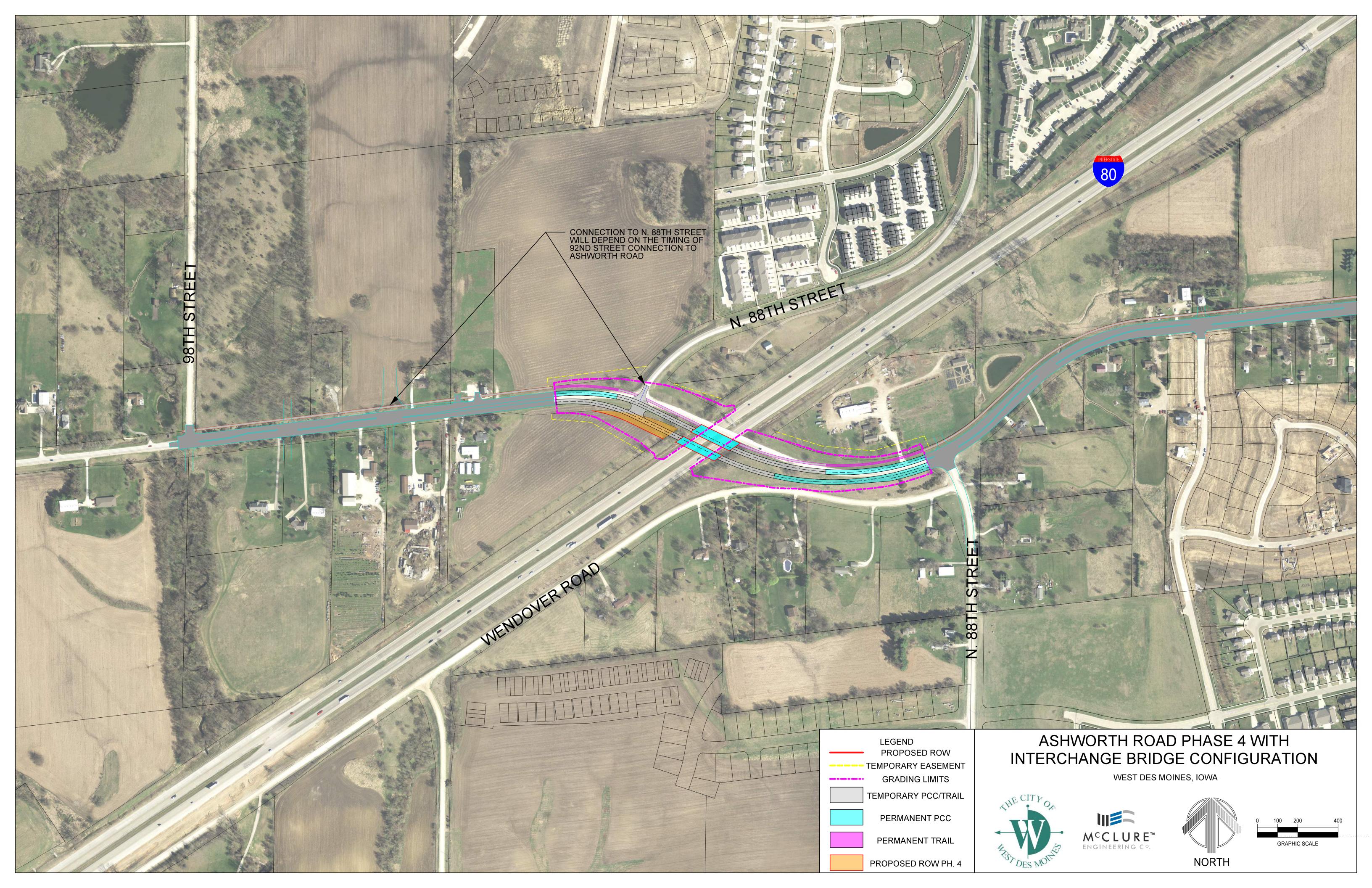


Surface Condition	1	Time of Day		Day of week		Contributing Circumstance		Injury type	
Dry	44	7:00 - 9:00	4	Sunday	6	Under the influence of alcohol	4	Non Injury	40
Wet	3	9:00 - 11:30	7	Monday	5	III or medical condition	2	Possible	7
Snow or Slush	3	11:30 - 13:30	7	Tuesday	7	Mobile (cell) phone	2	Injury	4
Ice orsnowpacked	1	13:30 - 16:00	12	Wednesday	8	Other distraction in or on veh.	2	Disabled	1
Unknown/Other	1	16:00 - 18:00	7	Thursday	9	Inattention	5		
		18:00 - 20:00	5	Friday	10	Failed to yield	1	Total	52
Total	52	20:00 - 7:00	10	Saturday	7	Red light running	3		
						Followed too closely	13		
		Total	52	Total	52	Too Fast for conditions	5	Year	
						Reckless / careless driving	1	2015	15
						Improper lane change	2	2016	13
						Made improper turn	2	2017	24
						Improper passing	1		
						Other/Unknown	7	Total	52
						No driver contributing circumstance	2		

Total: 52









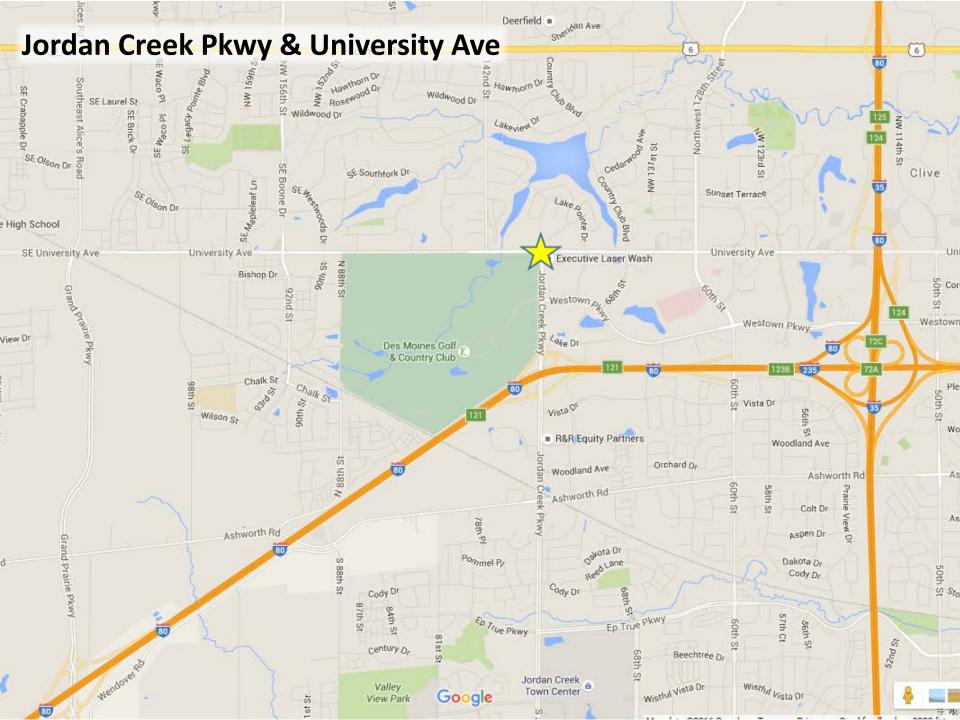
# I-80/Ashworth Road Interchange Diverging Diamond Alternative City Proj. No. 0210-055-2017 Preliminary Opinion of Probable Cost West Des Moines, Iowa Jun-18

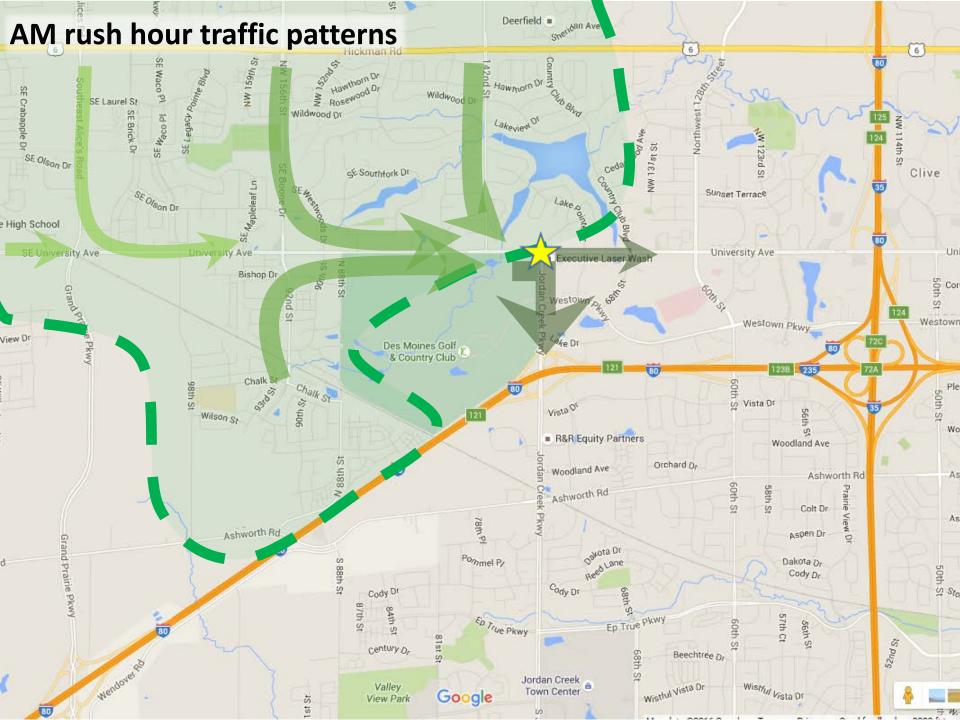


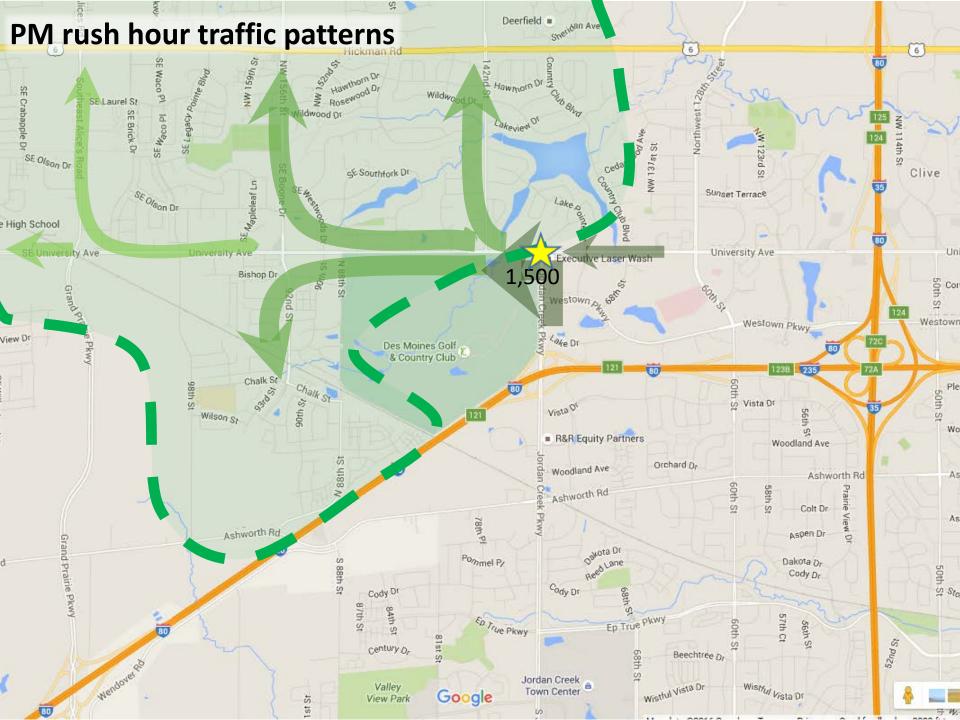
16,588,008.00

Item No.	Item Code	Item	Unit	Unit Price	Quantity		Total Cost
DIV	/ISION 1 - GENERAL	PROVISIONS AND COVENANTS					
20	//CIGN 6 FARTINA	NOT USED					
	/ISION 2 - EARTHWO			£ 50,000,00	4	•	50,000,00
2.1	2010-108-C-0	CLEARING AND GRUBBING	LS	\$ 50,000.00	20000	\$	50,000.00
2.2	2010-108-D-1 2010-108-E-0	TOPSOIL, ON-SITE EXCAVATION, CLASS 10	CY	\$ 10.00 \$ 12.00	20000 175000	\$	200,000.00
2.3	2010-108-E-0 2010-108-G-0	SUBGRADE PREPARATION	CY SY	\$ 5.00	34906	\$	174,530.00
2.5	2010-108-G-0 2010-108-I-0	SUBBASE, MODIFIED SUBBASE, 12 IN.	SY	\$ 15.00	34906	\$	523,590.00
2.6	2010-108-L-0	COMPACTION TESTING	LS	\$ 25,000.00	1	\$	25,000.00
		EXCAVATION AND BACKFILL		20,000.00		Ť	20,000.00
		NOT USED					
DIV	ISION 4 - SEWERS	AND DRAINS					
		NOT USED					
DIV	ISION 5 - WATER M	AINS AND APPURTENANCES					
		NOT USED					
DIV	/ISION 6 - STRUCTU	RES FOR SANITARY AND STORM SEWERS					
DIV	/ISION 7 STREETS	NOT USED AND RELATED WORK					
7.1	7010-108-A-0		SY	\$ 60.00	31602	\$	1,896,120.00
7.1	SPECIAL	PAVEMENT, PCC, 10 IN., REINFORCED BRIDGE APPROACH PAVEMENT, BR-203	SY	\$ 200.00	1568	\$	313,600.00
7.3	7010-108-I-0	PCC PAVEMENT SAMPLING AND TESTING	LS	\$ 10,000.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$	10,000.00
7.4	SPECIAL	PAVED SHOULDER, PCC	SY	\$ 40.00	6825	\$	273,000.00
7.5	SPECIAL	CONCRETE BARRIER, TAPERED END, BA-108	EA	\$ 3,000.00	8	\$	24,000.00
7.6	7030-108-C-0	SHARED USE PATH, 6 IN., REINFORCED	SY	\$ 65.00	1800	\$	117,000.00
7.7	7030-108-D-0	SPECIAL SUBGRADE PREPARATION FOR SHARED USE PATH	SY	\$ 5.00	2600	\$	13,000.00
7.8	7030-108-E-0	PCC SIDEWALK, 6 IN.	SY	\$ 70.00	100	\$	7,000.00
7.9	7030-108-G-0	DETECTABLE WARNINGS	SF	\$ 40.00	160	\$	6,400.00
	ISION 8 - TRAFFIC						
8.1	SPECIAL	TRAFFIC CONTROL	LS	\$ 100,000.00	1	\$	100,000.00
8.2	8010-108-A-0	TRAFFIC SIGNAL	EA	\$ 260,000.00	2	\$	520,000.00
8.3	8020-108-B-0	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE RK AND LANDSCAPING	STA	\$ 80.00	1200	\$	96,000.00
9.1	9010-108-A-0	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING,	AC	\$ 3,000.00	2	\$	6,000.00
0.1	9010-106-A-0	TYPE 1 (PERM. LAWN MIX.)	AC	φ 0,000.00		Ψ	0,000.00
9.2	9010-108-A-0	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING,	AC	\$ 1,500.00	22	\$	33,000.00
		TYPE 1 (PERM. COOL SEASON)					•
9.3	9040-108-A-1	SWPPP PREPARATION	LS	\$ 5,000.00	1	\$	5,000.00
9.4	9040-108-A-2	SWPPP MANAGEMENT	LS	\$ 10,000.00	1	\$	10,000.00
9.5	9040-108-N-1	SILT FENCE OR SILT FENCE DITCH CHECK	LF	\$ 2.00	11000	\$	22,000.00
9.6	9040-108-N-2	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	\$ 0.50	11000	\$	5,500.00
9.7	9040-108-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	\$ 0.50	11000	\$	5,500.00
9.8	9040-108-Q-1 /ISION 10 - DEMOLI	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	AC	\$ 2,000.00	24	\$	48,000.00
אוט	VISION TO - DEMOLI	NOT USED					
DIV	/ISION 11 - MISCELL						
11.1	11010-108-A-0	CONSTRUCTION STAKING	LS	\$ 50,000.00	1	\$	50,000.00
11.2	11060-108-A-0	CONCRETE WASHOUT	LS	\$ 10,000.00	1	\$	10,000.00
11.3	SPECIAL	BRIDGE (EASTBOUND ASHWORTH)	LS	\$ 1,370,000.00	1	\$	1,370,000.00
11.4	SPECIAL	BRIDGE (WESTBOUND ASHWORTH)	LS	\$ 1,807,000.00	1	\$	1,807,000.00
11.5	SPECIAL	MSE RETAINING WALL	SF	\$ 62.00	11250	\$	697,500.00
11.6	SPECIAL	BRIDGE REMOVAL	LS	\$ 60,000.00	1	\$	60,000.00
				<u> </u>			
		SUBTOTAL CONSTRUCTION	2041			\$	10,578,740.00
		CONSTRUCTION CONTINGENCY (2	(0%)			\$	2,115,748.00
FN	IGINEERING	TOTAL CONSTRUCTION				\$	12,694,488.00
1	ONALEKNIAO	ENGINEERING - INTERCHANGE JUSTIFICATION REPORT	LS	\$ 1,000,000.00	1	\$	1,000,000.00
2		ENGINEERING - INTERCHANGE JOSTIFICATION REPORT	LS	\$ 450,000.00	1	\$	450,000.00
3		ENGINEERING - ASHWORTH PHASE 4  ENGINEERING - ASHWORTH PHASE 4 CONSTRUCTION PHASE	LS	\$ 200,000.00	1	\$	200,000.00
4		ENGINEERING - INTERCHANGE DESIGN	LS	\$ 700,000.00	1	\$	700,000.00
5		ENGINEERING - INTERCHANGE CONSTRUCTION PHASE	LS	\$ 300,000.00	1	\$	300,000.00
		TOTAL ENGINEERING				\$	2,650,000.00
RIC	GHT OF WAY						
1		RIGHT OF WAY	AC	\$ 175,000.00	6.14	\$	1,074,500.00
2		PERMANENT EASEMENT	AC	\$ 80,000.00	0	\$	-
3		TEMPORARY EASEMENT	AC	\$ 27,000.00	6.26	\$	169,020.00
		TOTAL RIGHT OF WAY				\$	1,243,520.00

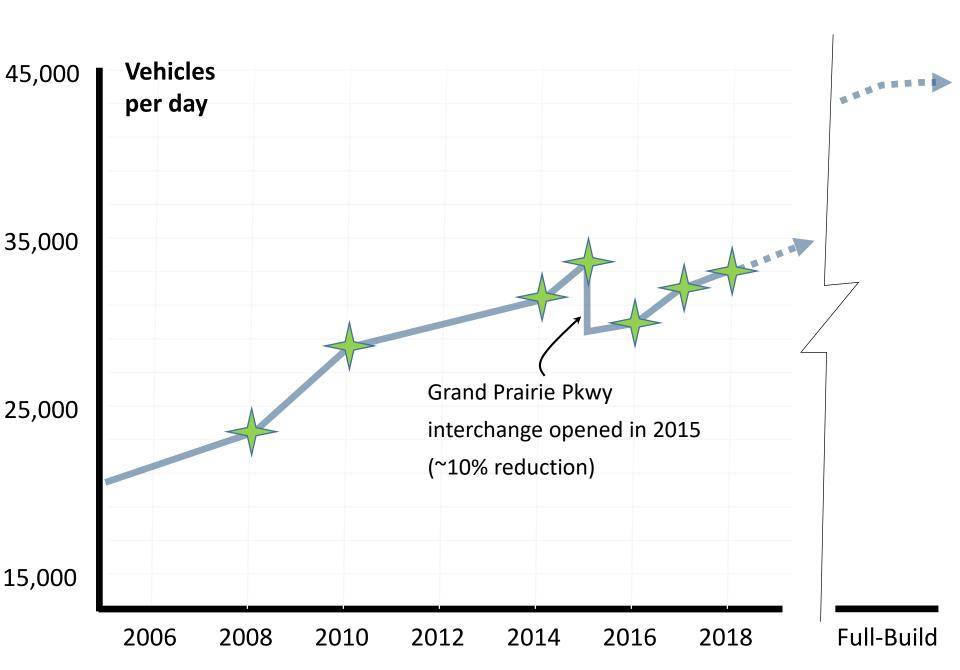
TOTAL PROJECT (CONSTRUCTION, ENGINEERING, RIGHT OF WAY)







### Daily traffic on University Ave west of Jordan Creek Pkwy









Item 2







