



Roll Call Number

20-0732

Agenda Item Number

7

Date May 4, 2020

APPROVING AND AUTHORIZING THE EXECUTION OF IOWA DEPARTMENT OF TRANSPORTATION (IDOT) AGREEMENT FOR GRADING AND PAVING OF NE 14th STREET (US 69) FROM I-80 TO SOUTH OF ANKENY

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA:

- 1. That the Agreement for IDOT-initiated resurfacing of NE 14th Street (US 69) from I-80 to south of Ankeny between the Iowa Department of Transportation and the City of Des Moines, a copy of which is on file in the office of the City Clerk, is hereby approved subject to approval as to form by the Legal Department.
2. That the Mayor and City Clerk are hereby authorized and directed to execute and attest, respectively, said Agreement for and on behalf of the City of Des Moines, Iowa subject to approval as to form by the Legal Department.

(City Council Communication Number 20-204 attached) Activity ID 14-2020-013

Moved by Gatto to adopt.

FORM APPROVED: /s/ Kathleen Vanderpool Deputy City Attorney

SLN Funding Source: 2020-2021 Operating, Page 215, Des Moines – Sanitary Sewer Maintenance, Sanitary Sewer Operations Fund, E101 PW247411

Table with 5 columns: COUNCIL ACTION, YEAS, NAYS, PASS, ABSENT. Rows include COWNIE, BOESEN, GATTO, GRAY, MANDELBAUM, VOSS, WESTERGAARD, and TOTAL (7).

CERTIFICATE

I, P. Kay Cmelik, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED J. M. Franklin Cownie Mayor

P. Kay Cmelik City Clerk

**IOWA DEPARTMENT OF TRANSPORTATION  
Preconstruction Agreement  
For Primary Road Project**

County	Polk
City	Des Moines
Project No.	NHSX-069-4(68)--3H-77
Iowa DOT	
Agreement No.	2020-3-044
Staff Action No.	N/A

This Agreement, is entered into by and between the Iowa Department of Transportation, hereinafter designated the "DOT", and the city of Des Moines, Iowa, a Local Public Agency, hereafter designated the "LPA" in accordance with Iowa Code Chapters 28E, 306, 306A and 313.4 as applicable;

The DOT proposes to establish or make improvements to U.S. 69 within Polk County, Iowa; and

The DOT and the LPA are willing to jointly participate in said project, in the manner hereinafter provided; and

This Agreement reflects the current concept of this project which is subject to modification by mutual agreement between the LPA and the DOT; and

Therefore, it is agreed as follows:

**1. Project Information**

- a. The DOT will design, let, and inspect construction of the following described project in accordance with the project plans and DOT standard specifications:

Grade and pave on U.S. 69 from Interstate 80 to south of Ankeny and a 4 lane conversion. See Exhibit A for location.

- b. In accordance with 761 Iowa Administrative Code Chapter 150.3(1)d, the LPA will reimburse the DOT for its share of the actual cost for longitudinal and outlet storm sewer as shown on Exhibit B.

- c. Upon completion of construction, the LPA agrees to accept ownership and jurisdiction of the following referenced improvements. The LPA shall also assume responsibility for all future maintenance operations associated therewith, all at no additional expense or obligation to the DOT:

- i. A new segment of E 13<sup>th</sup> Street will be constructed for a length of 310 feet running north to south connecting NE 50<sup>th</sup> Ave and NE 50<sup>th</sup> Place, approximately 450 feet to the west of NE 14<sup>th</sup> Street.
- ii. The centerline of the new segment of E 13<sup>th</sup> Street shall be constructed 33 feet from the east edge of the right-of-way boundary. A 34-foot wide (back of curb to back of curb) roadway with a curbs and gutters, and new storm sewer and intakes will be constructed within the new segment of E 13<sup>th</sup> Street.
- iii. The DOT shall grade the new segment of E 13<sup>th</sup> Street for a future sidewalk along the eastern side of said new segment. No parking shall be allowed on the west side of new segment of E 13<sup>th</sup> Street. As part of construction of the Project, the DOT shall provide and install all street signage and parking signage required by the LPA along the new segment of E 13<sup>th</sup> Street.

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- iv. In addition, as part of construction of the Project, the DOT shall further install adequate lighting within the new segment of E 13<sup>th</sup> Street, which shall include a minimum of one mid-block light and lights at each intersection, at the sole expense of the DOT.

## **2. Project Costs**

- a. The LPA shall reimburse the DOT for its share of the project costs estimated at \$37,200.00, as shown in Exhibit B. The amount paid by the LPA upon completion of construction and proper billing by the DOT will be determined by the actual quantities in place and the accepted bid at the contract letting.
- b. The DOT will bear all costs except those allocated to the LPA under other terms of this Agreement.

## **3. Traffic Control**

- a. U.S. 69 through-traffic will be maintained during the construction.
- b. If it becomes necessary to temporarily close LPA side roads during construction, the DOT shall provide the LPA with 14 days notice of the temporary closure and will furnish and install the required barricades and signing for the closure at project cost and shall remove same upon completion of the project also at no expense or obligation to the LPA. The DOT will work in close cooperation with the LPA and the contractor to accommodate emergency services and local access across the project during construction.
- c. If this project causes the temporary closure of a road during construction, the DOT shall meet with the LPA to determine whether said closure(s) will cause increased traffic on other LPA roads. The DOT and the LPA shall determine a plan, and the costs thereof, for the LPA to perform dust control on said LPA roads with increased traffic, should dust control become necessary. In that event, the LPA shall inform the DOT prior to performing said dust control. Within thirty (30) days from the date of a written invoice from the LPA, the DOT shall reimburse the LPA for the cost of said dust control measures following the receipt of a bill for the agreed upon costs (see Iowa Code section 313.4 subsection 1.b.).
- d. If this project causes the permanent closure of LPA road connections or the obliteration or subsequent vacation of LPA roads, the LPA in accordance with Iowa Code sections 306.10 through 306.17 will hold a public hearing for the permanent closure(s). The hearing proceedings will be conducted by the LPA who will also be responsible for payment of claims for any and all damages (if any) resulting from the road closure, all at no expense or obligation to the DOT. The DOT will furnish and install the required road closure barricades at project cost. Upon completion of construction, the LPA agrees to accept ownership of said barricades along with responsibility for future maintenance operations associated therewith all at no additional expense or obligation to the DOT.

## **4. Right of Way and Permits**

- a. Subject to the provisions hereof, the LPA in accordance with 761 Iowa Administrative Code Chapter 150.3(1)c and 150.4(2) will remove or cause to be removed (within the corporate limits) all encroachments or obstructions in the existing primary highway right of way. The LPA will also prevent the erection and/or placement of any structure or obstruction on said right of way or any additional right of way which is acquired for this project including but not limited to private signs, buildings, pumps, and parking areas.
- b. The DOT will be responsible for the coordination of utility facility adjustments for the primary road project.

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- c. The LPA agrees to relocate all city-owned utilities necessary for construction which are located within the existing street or alley right of way, subject to the approval of and without expense to the DOT and in accordance with 761 Iowa Administrative Code Chapter 150.4(5) and the DOT Utility Accommodation Policy.
- d. The LPA agrees to relocate all city-owned utilities necessary for construction which are located within the existing street or alley right of way, subject to the approval of and without expense to the DOT and in accordance with 761 Iowa Administrative Code Chapter 150.4(5) and the DOT Utility Accommodation Policy.
- e. The LPA shall be responsible for providing, without cost to the DOT, any right of way for the project which involves dedicated streets or alleys, and any other LPA-owned lands which are required for the project, subject to the condition that the DOT shall reimburse the LPA the functional replacement value of LPA-owned improvements situated on such other LPA-owned lands. The LPA has appraised itself of the value of these lands, and as a portion of their participation in the project, voluntarily agrees to make such lands available without further compensation. The DOT shall be responsible for acquisition of all other right of way.
- f. In connection with this project any real estate and rights to real estate necessary for right of way at the connection of any public road and a primary highway project, any access road or frontage road, or any permanent utility easements which are or which will be under the jurisdiction of the LPA may be acquired by the DOT, for and in the name of the LPA. For acquisitions wherein the total contract consideration is \$75,000 or greater, the LPA's property interest shall not be acquired unless and until the DOT has obtained an opinion or certification from its legal counsel that the grantor of the property interest is lawfully possessed of the property and authorized to make such conveyance. Where acquired by contract the LPA will receive title from the contract seller and the LPA will accept title thereto. Where acquired by condemnation, a single joint condemnation proceeding will be instituted by the DOT to acquire real estate or rights in real estate needed by the LPA for the LPA and to acquire real estate or rights in real estate needed by the DOT for the DOT, all of which shall be done at the sole cost of the DOT.
- g. Access rights may be acquired by the DOT along all public road intersections within the project limits. Access rights, if acquired, will be in the name of the State of Iowa. The acquisition of access rights will be in accordance with 761 Iowa Administrative Code Chapter 112 and the DOT Access Management Policy. If access rights are required, the LPA shall not permit any third party to use the controlled portion of the side road without the prior written consent from the DOT. If the LPA feels that it is in the best interest of the parties involved to modify the access rights in any way, they may petition the DOT District 1 Engineer to do so.

## **5. Construction & Maintenance**

- a. Upon completion of the project, no changes in the physical features thereof will be undertaken or permitted without the prior written approval of the DOT.
- b. Future maintenance of the primary highway within the project area will be carried out in accordance with the terms and conditions contained in 761 Iowa Administrative Code Chapter 150.
- c. Structures built by the DOT over or under a primary road will be maintained structurally sound by the DOT, including repairs to floors and railing and painting. For structures serving roadways which are not on the primary road system, the cleaning and removal of snow, debris and foreign objects from local road traffic lanes, sidewalks or walkways within the project limits (if any) including pedestrian overpasses or underpasses will be the responsibility of the LPA.

## 6. General Provisions

- a. If the LPA has completed a Flood Insurance Study (FIS) for an area which is affected by the proposed Primary Highway project and the FIS is modified, amended or revised in an area affected by the project after the date of this Agreement, the LPA shall promptly provide notice of the modification, amendment or revision to the DOT. If the LPA does not have a detailed Flood Insurance Study (FIS) for an area which is affected by the proposed Primary Highway project and the LPA does adopt an FIS in an area affected by the project after the date of this Agreement, the LPA shall promptly provide notice of the FIS to the DOT.
- b. The LPA will comply with all provisions of the equal employment opportunity requirements prohibiting discrimination and requiring affirmative action to assure equal employment opportunity as required by Iowa Code Chapter 216. No person will, on the grounds of age, race, creed, color, sex, sexual orientation, gender identity, national origin, religion, pregnancy, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which State funds are used.
- c. It is the intent of both parties that no third party beneficiaries be created by this Agreement.
- d. If any section, provision, or part of this Agreement shall be found to be invalid or unconstitutional, such finding shall not affect the validity of the Agreement as a whole or any section, provision, or part thereof not found to be invalid or unconstitutional, except to the extent that the original intent of the Agreement cannot be fulfilled.
- e. This Agreement may be executed in (two) counterparts, each of which so executed will be deemed to be an original.
- f. This Agreement, as well as the unaffected provisions of any previous agreement(s), addendum(s), and/or amendment(s); represents the entire Agreement between the LPA and DOT regarding this project. All previously executed agreements will remain in effect except as amended herein. Any subsequent change or modification to the terms of this Agreement will be in the form of a duly executed amendment to this document.
- g. In the event that either party determines that the other Party has defaulted in the performance of its obligations hereunder, the aggrieved party may declare that default has occurred and give notice thereof to the defaulting party. Notice of default shall be given in writing, shall specify the nature of the default and the provision of the Agreement involved, and shall specify what action is required of the defaulting party to correct the default. The defaulting party shall have 30 days from the date of its receipt of the notice of default to correct the default. If at the end of said 30-day period the default has not, in the opinion of the aggrieved party, been corrected, and if such default shall constitute a material breach of this Agreement, that party may then take action it determines necessary or appropriate to enforce or obtain performance of the provisions of this Agreement.
- h. All notices which the parties are authorized or required to give one another pursuant to this Agreement, and all invoices, shall be in writing and may be personally delivered or sent by ordinary mail to the addresses hereafter provided. Mailed notices or invoices shall be deemed to be received by the party to whom directed when they are postmarked. Such notices and invoices shall be delivered or mailed to the following persons at the addresses listed:

Notices to LPA:

City of Des Moines, Iowa  
c/o City Engineer  
400 Robert D. Ray Drive

Notices to DOT:

Iowa Department of Transportation  
District 1 Office  
1020 S. 4<sup>th</sup> Street

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Des Moines, Iowa 50309

Ames, Iowa 50010

- i. In addition to any other remedies available under applicable law, the LPA and the DOT shall have the right to the equitable remedy of specific performance to enforce compliance with any provision of this Agreement.
- j. This Agreement may be amended only by written agreement signed by both parties.
- k. Neither party may assign this Agreement to a third party without the written consent of the other party.
- l. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Iowa. Lawsuits brought by either Party in connection with this Agreement shall be heard and tried in Polk County District Court, Des Moines, Iowa.

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IN WITNESS WHEREOF, each of the parties hereto has executed Agreement No. 2020-3-044 as of the date shown opposite its signature below.

CITY OF DES MOINES:

By: *J.M. Franklin Cowrie* Date 5-4, 2020  
Title: Mayor

I, *P. Kay Cmelik*, certify that I am the Clerk of the City, and that  
*J.M. Franklin Cowrie*, who signed said Agreement for and on behalf of  
the City was duly authorized to execute the same on the 4<sup>th</sup> day of May, 2020.

Signed: *P. Kay Cmelik*  
City Clerk of Des Moines, Iowa

Approved as to Form:

By: *Lisa A. Wieland* Date May 5, 2020  
Lisa A. Wieland  
Assistant City Attorney

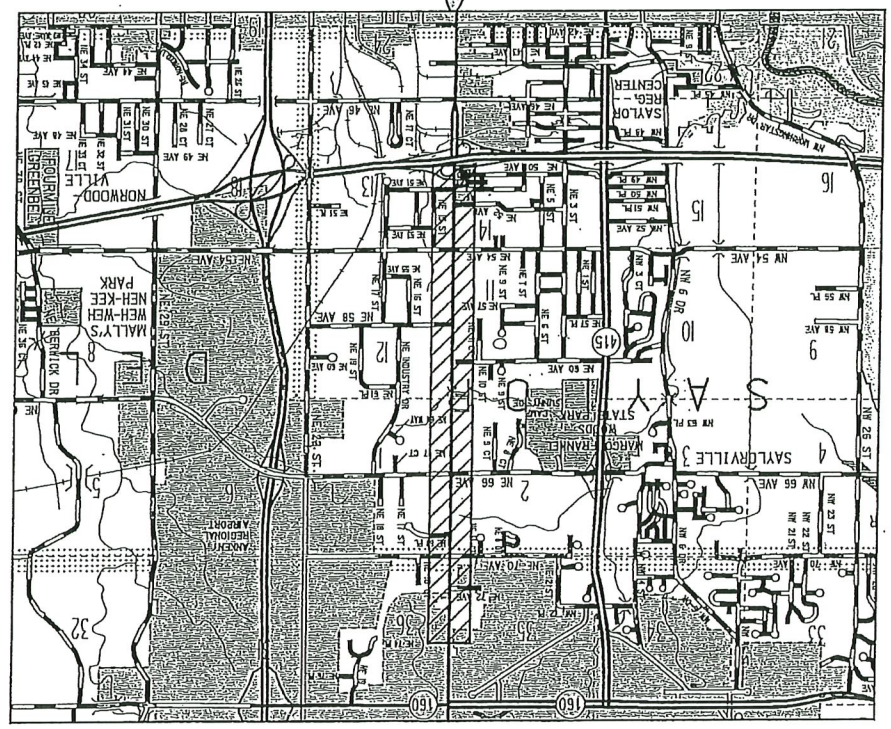
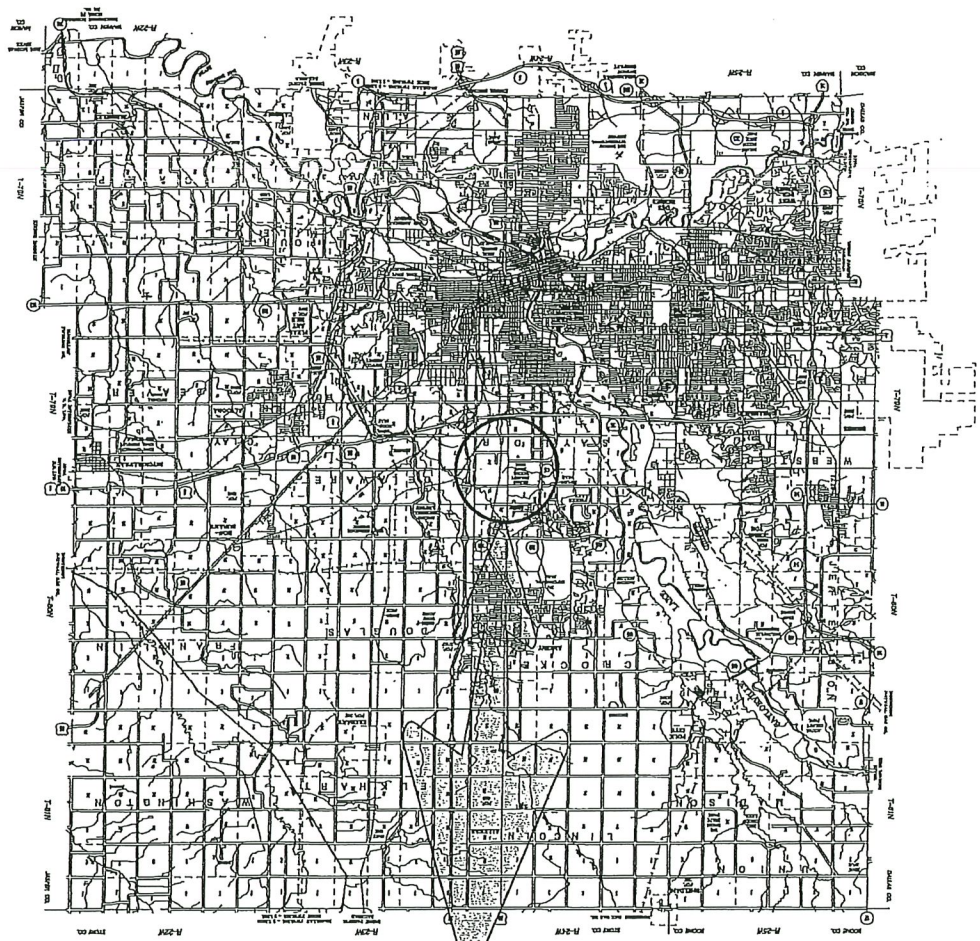
IOWA DEPARTMENT OF TRANSPORTATION:

By: \_\_\_\_\_ Date \_\_\_\_\_, 20\_\_\_\_.  
Tony G  
District Engineer  
District 1

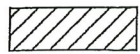
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**EXHIBIT A**  
**Project Location/Map**





PROPOSED LOCATION



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**EXHIBIT B**  
**Project Costs**

**OPINION OF PROBABLE PROJECT COSTS**

U.S. HIGHWAY 69 RECONSTRUCTION  
I-80 TO SW SPRINGFIELD/SE 33RD ST IN ANKENY  
POLK COUNTY, IOWA  
NHSX-069-4(68)-3H-77

ITEM #	ITEM CODE	DESCRIPTION	UNIT	UNIT PRICE	DIV. 1 QUANTITY	DIV. 3 QUANTITY	DIV. 1 COST	DIV. 3 COST	TOTAL QUANTITY	PROJECT TOTAL
1	2101-0850001	CLEARING AND GRUBBING	ACRE	\$ 15,000.00	1.1		\$ 16,500.00	\$ -	1.1	\$ 16,500.00
2	2101-0850002	CLEARING AND GRUBBING	UNIT	\$ 31.00	184		\$ 5,704.00	\$ -	184	\$ 5,704.00
3	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	\$ 5.00	41010		\$ 205,050.00	\$ -	41010	\$ 205,050.00
4	2102-2710090	EXCAVATION, CLASS 10, WASTE	CY	\$ 10.00	110613		\$ 1,106,130.00	\$ -	110613	\$ 1,106,130.00
5	2102-2712015	EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	CY	\$ 30.00	50		\$ 1,500.00	\$ -	50	\$ 1,500.00
6	2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	\$ 8.50	17153		\$ 145,800.50	\$ -	17153	\$ 145,800.50
7	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	\$ 7.00	12139		\$ 84,973.00	\$ -	12139	\$ 84,973.00
8	2107-0875100	COMPACTION WITH MOISTURE CONTROL	CY	\$ 0.75	41010		\$ 30,757.50	\$ -	41010	\$ 30,757.50
9	2115-0100000	MODIFIED SUBBASE	CY	\$ 38.00	57085		\$ 2,169,230.00	\$ -	57085	\$ 2,169,230.00
10	2121-7425010	GRANULAR SHOULDERS, TYPE A	TON	\$ 26.50	308		\$ 8,162.00	\$ -	308	\$ 8,162.00
11	2122-5191005	REINFORCED PAVED SHOULDER FOR CONCRETE BARRIER	SY	\$ 150.00	174		\$ 26,100.00	\$ -	174	\$ 26,100.00
12	2123-7450020	SHOULDER FINISHING, EARTH	STA	\$ 180.00	307		\$ 55,260.00	\$ -	307	\$ 55,260.00
13	2213-6745500	REMOVAL OF CURB	STA	\$ 1,400.00	4.3		\$ 6,020.00	\$ -	4.3	\$ 6,020.00
14	2213-7100400	RELOCATION OF MAIL BOXES	EACH	\$ 200.00	79		\$ 15,800.00	\$ -	79	\$ 15,800.00
15	2301-1003095	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9.5 IN.	SY	\$ 55.00	9478		\$ 521,290.00	\$ -	9478	\$ 521,290.00
16	2301-1003105	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 10.5 IN.	SY	\$ 40.00	133774		\$ 5,350,960.00	\$ -	133774	\$ 5,350,960.00
17	2301-4874106	MEDIAN, DOWELLED P.C. CONCRETE, 6 INCH	SY	\$ 105.00	197		\$ 20,685.00	\$ -	197	\$ 20,685.00
18	2301-4875006	MEDIAN, P.C. CONCRETE, 6 IN.	SY	\$ 50.00	10263		\$ 513,150.00	\$ -	10263	\$ 513,150.00
19	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	\$ 5,000.00	1		\$ 5,000.00	\$ -	1	\$ 5,000.00
20	2303-9093010	HOT MIX ASPHALT, DRIVEWAY	SY	\$ 85.00	132		\$ 11,220.00	\$ -	132	\$ 11,220.00
21	2304-0101000	TEMPORARY PAVEMENT	SY	\$ 40.00	13702		\$ 548,080.00	\$ -	13702	\$ 548,080.00
22	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	\$ 30.00	85.9		\$ 2,577.00	\$ -	85.9	\$ 2,577.00
23	2401-6745355	REMOVAL OF CONCRETE FOOTINGS OF HIGHWAY SIGNS	EACH	\$ 670.00	1		\$ 670.00	\$ -	1	\$ 670.00
24	2401-6745356	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES	EACH	\$ 720.00	50		\$ 36,000.00	\$ -	50	\$ 36,000.00
25	2401-6745650	REMOVAL OF EXISTING STRUCTURES	LS	\$ 30,000.00	1		\$ 30,000.00	\$ -	1	\$ 30,000.00
26	2401-6745910	REMOVAL OF SIGN	EACH	\$ 165.00	127		\$ 20,955.00	\$ -	127	\$ 20,955.00
27	2401-6750001	REMOVALS, AS PER PLAN	LS	\$ 10,000.00	1		\$ 10,000.00	\$ -	1	\$ 10,000.00
28	2402-0425040	FLOODED BACKFILL	CY	\$ 175.00	23		\$ 4,025.00	\$ -	23	\$ 4,025.00
29	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	CY	\$ 21.00	2914		\$ 61,194.00	\$ -	2914	\$ 61,194.00
30	2416-0100015	APRONS, CONCRETE, 15 IN. DIA.	EACH	\$ 1,200.00	6		\$ 7,200.00	\$ -	6	\$ 7,200.00
31	2416-0100018	APRONS, CONCRETE, 18 IN. DIA.	EACH	\$ 1,400.00	4		\$ 5,600.00	\$ -	4	\$ 5,600.00
32	2416-0100024	APRONS, CONCRETE, 24 IN. DIA.	EACH	\$ 1,650.00	1		\$ 1,650.00	\$ -	1	\$ 1,650.00
33	2416-0100030	APRONS, CONCRETE, 30 IN. DIA.	EACH	\$ 1,700.00	2		\$ 3,400.00	\$ -	2	\$ 3,400.00
34	2416-0100048	APRONS, CONCRETE, 48 IN. DIA.	EACH	\$ 3,400.00	2		\$ 6,800.00	\$ -	2	\$ 6,800.00
35	2416-0100060	APRONS, CONCRETE, 60 IN. DIA.	EACH	\$ 4,800.00	1		\$ 4,800.00	\$ -	1	\$ 4,800.00
36	2416-1160024	CULVERT, CONCRETE ENTRANCE PIPE, 24 IN. DIA.	LF	\$ 60.00	43		\$ 2,580.00	\$ -	43	\$ 2,580.00
37	2416-1180072	CULVERT, CONCRETE ROADWAY PIPE, 72 IN. DIA.	LF	\$ 300.00	91		\$ 27,300.00	\$ -	91	\$ 27,300.00
38	2416-1240054	CULVERT, 3000D CONCRETE ROADWAY PIPE, 54 IN. DIA.	LF	\$ 260.00	97		\$ 25,220.00	\$ -	97	\$ 25,220.00
39	2416-1262072	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 72 IN. DIA.	LF	\$ 1,800.00	103		\$ 185,400.00	\$ -	103	\$ 185,400.00
40	2416-1263054	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 54 IN. DIA.	LF	\$ 1,700.00	108		\$ 183,600.00	\$ -	108	\$ 183,600.00
41	2435-0140148	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	\$ 4,300.00	15		\$ 64,500.00	\$ -	15	\$ 64,500.00
42	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 IN.	EACH	\$ 6,100.00	2		\$ 12,200.00	\$ -	2	\$ 12,200.00
43	2435-0140172	MANHOLE, STORM SEWER, SW-401, 72 IN.	EACH	\$ 8,375.00	3		\$ 25,125.00	\$ -	3	\$ 25,125.00
44	2435-0140184	MANHOLE, STORM SEWER, SW-401, 84 IN.	EACH	\$ 10,800.00	3		\$ 32,400.00	\$ -	3	\$ 32,400.00
45	2435-0140196	MANHOLE, STORM SEWER, SW-401, 96 IN.	EACH	\$ 16,400.00	2		\$ 32,800.00	\$ -	2	\$ 32,800.00
46	2435-0140200	MANHOLE, STORM SEWER, SW-402	EACH	\$ 6,000.00	1		\$ 6,000.00	\$ -	1	\$ 6,000.00
47	2435-0140600	MANHOLE, STORM SEWER, SW-406	EACH	\$ 6,900.00	2		\$ 13,800.00	\$ -	2	\$ 13,800.00
48	2435-0250300	INTAKE, SW-503	EACH	\$ 6,300.00	1		\$ 6,300.00	\$ -	1	\$ 6,300.00
49	2435-0250410	INTAKE, SW-504 MODIFIED	EACH	\$ 6,000.00	2		\$ 12,000.00	\$ -	2	\$ 12,000.00
50	2435-0250700	INTAKE, SW-507	EACH	\$ 4,500.00	131		\$ 589,500.00	\$ -	131	\$ 589,500.00

**OPINION OF PROBABLE PROJECT COSTS**

U.S. HIGHWAY 69 RECONSTRUCTION  
 I-80 TO SW SPRINGFIELD/SE 33RD ST IN ANKENY  
 POLK COUNTY, IOWA  
 NHSX-069-4(68)-3H-77

ITEM #	ITEM CODE	DESCRIPTION	UNIT	UNIT PRICE	DIV. 1 QUANTITY	DIV. 3 QUANTITY	DIV. 1 COST	DIV. 3 COST	TOTAL QUANTITY	PROJECT TOTAL
51	2435-0250800	INTAKE, SW-508	EACH	\$ 5,100.00	14		\$ 71,400.00	\$ -	14	\$ 71,400.00
52	2435-0250810	INTAKE, SW-508 MODIFIED	EACH	\$ 5,500.00	44		\$ 242,000.00	\$ -	44	\$ 242,000.00
53	2435-0250900	INTAKE, SW-509	EACH	\$ 3,500.00	3		\$ 10,500.00	\$ -	3	\$ 10,500.00
54	2435-0251000	INTAKE, SW-510	EACH	\$ 6,800.00	1		\$ 6,800.00	\$ -	1	\$ 6,800.00
55	2435-0251010	INTAKE, SW-510 MODIFIED	EACH	\$ 7,000.00	1		\$ 7,000.00	\$ -	1	\$ 7,000.00
56	2435-0251104	INTAKE, SW-511, TOP ONLY	EACH	\$ 3,200.00	1		\$ 3,200.00	\$ -	1	\$ 3,200.00
57	2435-0251218	INTAKE, SW-512, 18 IN.	EACH	\$ 1,800.00	1		\$ 1,800.00	\$ -	1	\$ 1,800.00
58	2435-0251224	INTAKE, SW-512, 24 IN.	EACH	\$ 2,500.00	8		\$ 20,000.00	\$ -	8	\$ 20,000.00
59	2435-0251300	INTAKE, SW-513 (3' x 3')	EACH	\$ 4,500.00	10		\$ 45,000.00	\$ -	10	\$ 45,000.00
60	2435-0251300	INTAKE, SW-513 (4' x 4')	EACH	\$ 5,000.00	10		\$ 50,000.00	\$ -	10	\$ 50,000.00
61	2435-0251300	INTAKE, SW-513 (6' x 4')	EACH	\$ 5,500.00	10		\$ 55,000.00	\$ -	10	\$ 55,000.00
62	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	\$ 1,400.00	8		\$ 11,200.00	\$ -	8	\$ 11,200.00
63	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	\$ 2,600.00	10		\$ 26,000.00	\$ -	10	\$ 26,000.00
64	2435-0700010	CONNECTION TO EXISTING MANHOLE	EACH	\$ 2,200.00	2		\$ 4,400.00	\$ -	2	\$ 4,400.00
65	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	LF	\$ 5.00	39304		\$ 196,520.00	\$ -	39304	\$ 196,520.00
66	2502-8221303	SUBDRAIN OUTLET, DR-303	EACH	\$ 300.00	433		\$ 129,900.00	\$ -	433	\$ 129,900.00
67	2502-8221306	SUBDRAIN OUTLET, DR-306	EACH	\$ 460.00	8		\$ 3,680.00	\$ -	8	\$ 3,680.00
68	2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	\$ 60.00	10575		\$ 634,500.00	\$ -	10575	\$ 634,500.00
69	2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	\$ 65.00	3678		\$ 239,070.00	\$ -	3678	\$ 239,070.00
70	2503-0114224	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	\$ 75.00	4742		\$ 355,650.00	\$ -	4742	\$ 355,650.00
71	2503-0114230	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	\$ 85.00	1070		\$ 90,950.00	\$ -	1070	\$ 90,950.00
72	2503-0114236	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	\$ 110.00	3107		\$ 341,770.00	\$ -	3107	\$ 341,770.00
73	2503-0114242	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	\$ 135.00	3084		\$ 416,340.00	\$ -	3084	\$ 416,340.00
74	2503-0114248	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	\$ 165.00	1352		\$ 223,080.00	\$ -	1352	\$ 223,080.00
75	2503-0114254	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	\$ 170.00	1045		\$ 177,650.00	\$ -	1045	\$ 177,650.00
76	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	\$ 30.00	3774		\$ 113,220.00	\$ -	3774	\$ 113,220.00
77	2503-0200136	REMOVE STORM SEWER PIPE GREATER THAN 36 IN.	LF	\$ 43.00	224		\$ 9,632.00	\$ -	224	\$ 9,632.00
78	2503-0200342	STORM SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.	LF	\$ 60.00	467		\$ 28,020.00	\$ -	467	\$ 28,020.00
79	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LF	\$ 9.00	328		\$ 2,952.00	\$ -	328	\$ 2,952.00
80	2506-4984000	FLOWABLE MORTAR	CY	\$ 200.00	91.3		\$ 18,260.00	\$ -	91.3	\$ 18,260.00
81	2507-3250005	ENGINEERING FABRIC	SY	\$ 4.40	1244		\$ 5,473.60	\$ -	1244	\$ 5,473.60
82	2507-6800061	REVTMENT, CLASS E	TON	\$ 56.00	648		\$ 36,288.00	\$ -	648	\$ 36,288.00
83	2507-8029000	EROSION STONE	TON	\$ 67.00	5		\$ 335.00	\$ -	5	\$ 335.00
84	2510-6745850	REMOVAL OF PAVEMENT	SY	\$ 5.00	96887		\$ 484,435.00	\$ -	96887	\$ 484,435.00
85	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	\$ 900.00	69		\$ 62,100.00	\$ -	69	\$ 62,100.00
86	2512-1725156	CURB AND GUTTER, P.C. CONCRETE, 1.5 FT.	LF	\$ 48.50	154		\$ 7,469.00	\$ -	154	\$ 7,469.00
87	2512-1725206	CURB AND GUTTER, P.C. CONCRETE, 2.0 FT.	LF	\$ 37.50	1424		\$ 53,400.00	\$ -	1424	\$ 53,400.00
88	2513-0001025	CONCRETE BARRIER, BA-102 AND FOOTING	LF	\$ 150.00	146.5		\$ 21,975.00	\$ -	146.5	\$ 21,975.00
89	2513-0001040	CONCRETE BARRIER, BA-104	LF	\$ 160.00	146		\$ 23,360.00	\$ -	146	\$ 23,360.00
90	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	\$ 45.00	2407		\$ 108,315.00	\$ -	2407	\$ 108,315.00
91	2515-2475007	DRIVEWAY, P.C. CONCRETE, 7 IN.	SY	\$ 38.00	11756		\$ 446,728.00	\$ -	11756	\$ 446,728.00
92	2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY	\$ 55.00	3201		\$ 176,055.00	\$ -	3201	\$ 176,055.00
93	2515-2475009	DRIVEWAY, P.C. CONCRETE, 9 IN.	SY	\$ 62.00	1915		\$ 118,730.00	\$ -	1915	\$ 118,730.00

OPINION OF PROBABLE PROJECT COSTS

U.S. HIGHWAY 69 RECONSTRUCTION  
 1+0 TO SW SPRINGFIELD/SE 33RD ST IN ANKENY  
 POLK COUNTY, IOWA  
 NHSX-089-4(09)-3H-77

ITEM #	ITEM CODE	DESCRIPTION	UNIT	UNIT PRICE	DIV. 1 QUANTITY	DIV. 3 QUANTITY	DIV. 1 COST	DIV. 3 COST	TOTAL QUANTITY	PROJECT TOTAL
94	2915-6745600	REMOVAL OF PAVED DRIVEWAY	SY	7.50	27424		\$ 205,690.00	\$ -	27424	\$ 205,690.00
95	2916-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	1,200.00	25		\$ 30,000.00	\$ -	25	\$ 30,000.00
96	2918-6910000	SAFETY CLOSURE	EACH	180.00	35		\$ 6,300.00	\$ -	35	\$ 6,300.00
97	2919-3300600	FENCE, SAFETY	LF	6.00	2930		\$ 17,580.00	\$ -	2930	\$ 17,580.00
98	2919-3300700	FENCE, TEMPORARY	LF	3.00	200		\$ 6,000.00	\$ -	200	\$ 6,000.00
99	2920-3350010	FIELD LABORATORY	EACH	10,500.00	1		\$ 10,500.00	\$ -	1	\$ 10,500.00
100	2920-3350015	FIELD OFFICE	EACH	9,600.00	1		\$ 9,600.00	\$ -	1	\$ 9,600.00
101	2924-9690250	INSTALL TYPE B SIGN	EACH	950.00	1		\$ 950.00	\$ -	1	\$ 950.00
102	2925-0000100	TRAFFIC SIGNALIZATION	LS	\$1,849,000.00	1		\$ 1,849,000.00	\$ -	1	\$ 1,849,000.00
103	2925-0000120	REMOVAL OF TRAFFIC SIGNALIZATION	LS	\$ 35,000.00	1		\$ 35,000.00	\$ -	1	\$ 35,000.00
104	2926-8295000	CONSTRUCTION SURVEY	LS	\$ 120,000.00	1		\$ 120,000.00	\$ -	1	\$ 120,000.00
105	2927-9263109	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	30.00	1195		\$ 35,850.00	\$ -	1195	\$ 35,850.00
106	2927-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	130.00	8		\$ 1,040.00	\$ -	8	\$ 1,040.00
107	2927-9263180	PAVEMENT MARKINGS REMOVED	STA	105.00	762		\$ 80,010.00	\$ -	762	\$ 80,010.00
108	2928-5160000	NO EXCUSE ROAD OPENING BOLLUS.	LF	17.00	1		\$ -	\$ -	1	\$ -
109	2928-8400048	TEMPORARY BARRIER RAIL, CONCRETE	EACH	20,000.00	1567		\$ 26,639.00	\$ -	1567	\$ 26,639.00
110	2928-8400256	TEMPORARY TRAFFIC SIGNALS	LS	175,000.00	5		\$ 100,000.00	\$ -	5	\$ 100,000.00
111	2928-8445110	TRAFFIC CONTROL	LS	175,000.00	1		\$ 175,000.00	\$ -	1	\$ 175,000.00
112	2928-8445113	FLAGGERS	EACH	500.00	0		\$ -	\$ -	0	\$ -
113	2928-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMIS)	CDAY	130.00	1		\$ -	\$ -	1	\$ -
114	2933-4890005	MOBILIZATION	LS	750,000.00	1		\$ 750,000.00	\$ -	1	\$ 750,000.00
115	2951-0000230	PERMANENT CRASH CUSHION, SEVERE USE (SU)	EACH	23,000.00	2		\$ 46,000.00	\$ -	2	\$ 46,000.00
116	2951-0000300	PERMANENT CRASH CUSHION SPARE PARTS KIT	EACH	750.00	2		\$ 1,500.00	\$ -	2	\$ 1,500.00
117	2952-0000300	FRENCH COMPACTION TESTING	LS	25,000.00	1		\$ 25,000.00	\$ -	1	\$ 25,000.00
118	2955-0000010	DELIVER AND STOCKPILE SALVAGED MATERIALS	LS	10,000.00	1		\$ 10,000.00	\$ -	1	\$ 10,000.00
119	2999-9999005	SW-507, INTAKE TOP SPECIAL	EACH	-	19		\$ -	\$ -	19	\$ -
120	2999-9999005	SW-509, INTAKE TOP SPECIAL	EACH	-	19		\$ -	\$ -	19	\$ -
121	2999-9999010	MAINTENANCE OF POSTAL SERVICE	LS	5,000.00	1		\$ 5,000.00	\$ -	1	\$ 5,000.00
122	2999-9999010	VIBRATION MONITORING	LS	-	1		\$ -	\$ -	1	\$ -
123	2901-2833100	MOWING	AGRE	100.00	28		\$ 2,800.00	\$ -	28	\$ 2,800.00
124	2901-2834150	MULCHING, WOOD CELLULOSE FIBER	AGRE	2,425.00	28		\$ 67,900.00	\$ -	28	\$ 67,900.00
125	2901-2836043	SEEDING AND FERTILIZING (RURAL)	AGRE	1,900.00	5		\$ 9,500.00	\$ -	5	\$ 9,500.00
126	2901-2836043	SEEDING AND FERTILIZING (URBAN)	AGRE	2,500.00	23		\$ 57,500.00	\$ -	23	\$ 57,500.00
127	2901-2838352	SLOPE PROTECTION, WOOD EXCEL SIOR MAT	SQ.	18.50	3308		\$ 61,198.00	\$ -	3308	\$ 61,198.00
128	2901-2842100	STABILIZING CROP - SEEDING AND FERTILIZING	AGRE	1,000.00	5		\$ 5,000.00	\$ -	5	\$ 5,000.00
129	2901-2842120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	AGRE	1,500.00	23		\$ 34,500.00	\$ -	23	\$ 34,500.00
130	2902-0000020	SILT FENCE	LF	2.00	10855		\$ 21,710.00	\$ -	10855	\$ 21,710.00
131	2902-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	0.20	10855		\$ 2,171.00	\$ -	10855	\$ 2,171.00
132	2902-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	0.10	10855		\$ 1,085.50	\$ -	10855	\$ 1,085.50
133	2902-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA	LF	2.00	33767		\$ 67,534.00	\$ -	33767	\$ 67,534.00
134	2902-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA	LF	3.00	2788		\$ 8,364.00	\$ -	2788	\$ 8,364.00
135	2902-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	0.50	36555		\$ 18,277.50	\$ -	36555	\$ 18,277.50
136	2902-0000530	GRAVE INTAKE SEDIMENT FILTER BAG	EACH	225.00	9		\$ 2,025.00	\$ -	9	\$ 2,025.00
137	2902-0000560	MAINTENANCE OF GRAVE INTAKE SEDIMENT FILTER BAG	EACH	52.00	27		\$ 1,404.00	\$ -	27	\$ 1,404.00
138	2902-0000560	REMOVAL OF GRAVE INTAKE SEDIMENT FILTER BAG	EACH	50.00	9		\$ 450.00	\$ -	9	\$ 450.00
139	2902-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	500.00	14		\$ 7,000.00	\$ -	14	\$ 7,000.00

**OPINION OF PROBABLE PROJECT COSTS**

U.S. HIGHWAY 69 RECONSTRUCTION  
 I-80 TO SW SPRINGFIELD/SE 33RD ST IN ANKENY  
 POLK COUNTY, IOWA  
 NHSX-069-4(68)-3H-77

ITEM #	ITEM CODE	DESCRIPTION	UNIT	UNIT PRICE	DIV. 1 QUANTITY	DIV. 3 QUANTITY	DIV. 1 COST	DIV. 3 COST	TOTAL QUANTITY	PROJECT TOTAL
140	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	\$ 1,000.00	3		\$ 3,000.00	\$ -	3	\$ 3,000.00
DIVISION 1 DOT TOTAL							\$ 21,259,193.60			
<b>DIVISION 3 - CITY OF DES MOINES</b>										
1	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	\$ 1,400.00		8	\$ -	\$ 11,200.00	8	\$ 11,200.00
2	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	\$ 2,600.00		10	\$ -	\$ 26,000.00	10	\$ 26,000.00
							\$ -	\$ -	0	\$ -
							\$ -	\$ -	0	\$ -
							\$ -	\$ -	0	\$ -
							\$ -	\$ -	0	\$ -
DIVISION 3 CITY OF DES MOINES TOTAL							\$ 37,200.00			
									<b>PROJECT TOTAL</b>	<b>\$ 21,296,393.60</b>