



City of Grand Island

Tuesday, August 25, 2015

Council Session

Item G-13

#2015-227 - Approving Certificate of Final Completion for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Terry Brown PE, Assistant Public Works Director

Meeting: August 25, 2015

Subject: Approving Certificate of Final Completion for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks

Presenter(s): John Collins PE, Public Works Director

Background

Street Improvement District No. 1260 was created by the City Council on February 12, 2013. Legal notice of the creation of the District was published in the Grand Island Independent on February 18, 2013. A notification letter of the district creation was also mailed to all affected property owners.

The District consists of South Webb Road extending north from Stolley Park Road to the Union Pacific Railroad tracks. The project consists of widening the roadway from 24' to 41' for a 3-lane section with improved drainage and elimination of the ditch section. This project was estimated at \$1.7 million total project costs (including engineering, construction, construction testing and services, etc.) and would be assessed to adjacent property owners.

On April 9, 2013, by Resolution No. 2013-107 City Council approved the continuation of such street improvement district.

The City Council awarded the bid for construction of the Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks to The Diamond Engineering Company of Grand Island, Nebraska on March 11, 2014, in the amount of \$1,361,451.80.

On September 23, 2014, by Resolution No. 2014-301 City Council approved Change Order No. 1, which addressed additional work days and materials in the amount of \$13,057.00 for a revised contract amount of \$1,374,508.80.

Work on the project commenced May 2014, with substantial completion December 2014 and final completion July 2015.

Discussion

The project was completed in accordance with the terms, conditions and stipulations of the contract, plans and specifications. Construction work was completed at a total cost of \$1,326,048.24, which is an underrun of \$48,460.56. Additional project costs are shown below.

ADDITIONAL DISTRICT COSTS

Public Works Engineering	Design Engineering	\$	99,500.00
Olsson Associates	Construction Engineering	\$	123,942.03
The Grand Island Independent	Advertising	\$	124.34
Cornerstone Bank	Project Bond Interest	\$	7,146.77
Hall County Register of Deeds	Filing Fees	\$	56.00
City of Grand Island	Water Main Lowering	\$	2,922.47
Rinker Materials & Ronald J. Vlach	Easements	\$	11,838.00
Quality Signs	Detour Signs	\$	560.00
Rinker Materials	Storage Slab	\$	39,565.40

Total project costs equate to \$1,611,703.25, of which all or a portion of will be assessed to the affected property owners at the Board of Equalization on September 22, 2015.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the Certificate of Final Completion for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks and set the Board of Equalization date of September 22, 2015.

Sample Motion

Move to approve the Certificate of Final Completion for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks and set the Board of Equalization date of September 22, 2015.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Webb Road Street Improvement District No. 1260;
 South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks
 CITY OF GRAND ISLAND, NEBRASKA
 August 25, 2015

TO THE MEMBERS OF THE COUNCIL
 CITY OF GRAND ISLAND
 GRAND ISLAND, NEBRASKA

This is to certify that Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks has been fully completed by The Diamond Engineering Company of Grand Island, Nebraska under the contract dated March 11, 2014. The work has been completed in accordance with the terms, conditions, and stipulations of said contract and complies with the contract, the plans and specifications. The work is hereby accepted for the City of Grand Island, Nebraska, by me as Public Works Director in accordance with the provisions of Section 16-650 R.R.S., 1943.

Webb Road Street Improvement District No. 1260

Item No.	Description	Quantities Placed	Unit	Price Bid	Total Amount Completed
	<u>BID SECTION A</u>				
1	BUILD 8" DOWLED P.C. CONCRETE	12040	S.Y.	\$43.20	\$520,128.00
2	BUILD 8" P.C. CONCRETE DRIVEWAYS	1278	S.Y.	\$41.00	\$52,398.00
3	BUILD 8" P.C. CONCRETE STORAGE SLAB	0	S.Y.	\$41.30	\$0.00
4	PLACE 3" GRAVEL SURFACING	441	S.Y.	\$2.50	\$1,102.50
5	ADJUST TELEPHONE MANHOLE TO GRADE	1	EA.	\$330.00	\$330.00
6	ADJUST WATER VALVE TO GRADE	13	EA.	\$189.00	\$2,457.00
7	ADJUST WATER VALVE MANHOLE TO GRADE	4	EA.	\$450.00	\$1,800.00
8	ADJUST SANITARY SEWER MANHOLE TO GRADE	5	EA.	\$558.00	\$2,790.00
9	REPAIR SPRINKLER SYSTEM	1	L.S.	\$6,560.00	\$6,560.00
10	TRAFFIC CONTROL	1	L.S.	\$8,610.00	\$8,610.00
11	TEMPORARY ACCESS TO PROPERTIES	1	L.S.	\$6,560.00	\$6,560.00
12	MOBILIZATION/DEMOBILIZATION	1	L.S.	\$21,925.00	\$21,925.00
13	EARTHWORK	1	L.S.	\$61,250.00	\$61,250.00
14	OVER EXCAVATION	83	C.Y.	\$22.70	\$1,884.10
15	SEDIMENT AND EROSION CONTROL	1	L.S.	\$3,400.00	\$3,400.00
16	CURB INLET PROTECTOR	240	L.F.	\$19.90	\$4,776.00
17	SILT FENCE – INLET PROTECTION	460	L.F.	\$8.40	\$3,864.00

18	SEEDING	6221.33	S.Y.	\$1.30	\$8,087.73
19	INSTALL UNDERCOVER DETECTOR LOOP	3	EA.	\$1,605.00	\$4,815.00
20	INSTALL STOP SIGN	0	EA.	\$185.00	\$0.00
21	BUILD TYPE "D" MODIFIED CURB INLET	12	EA.	\$2,070.00	\$24,840.00
22	BUILD STORM SEWER JUNCTION BOX	14	EA.	\$2,985.00	\$41,790.00
23	BUILD STORM SEWER AREA INLET	8	EA.	\$3,080.00	\$24,640.00
24	BUILD STORM SEWER FLARED END SECTION	1	EA.	\$1,291.53	\$1,291.53
25	15" REINFORCED CONCRETE STORM SEWER PIPE	414	L.F.	\$41.60	\$17,222.40
26	15" ROUND EQUIVALENT REINFORCED CONCRETE STORM SEWER PIPE	82.5	L.F.	\$57.73	\$4,762.73
27	18" REINFORCED CONCRETE STORM SEWER PIPE	774	L.F.	\$41.20	\$31,888.80
28	24" REINFORCED CONCRETE STORM SEWER PIPE	588.5	L.F.	\$53.53	\$31,502.41
29	36" REINFORCED CONCRETE STORM SEWER PIPE	2808.5	L.F.	\$85.80	\$240,969.30
30	BUILD 6" P.C. CONCRETE LOW FLOW LINER	17.8	S.Y.	\$42.80	\$761.84
31	4" YELLOW PREFORMED PLASTIC PAVEMENT MARKING TYPE 4, GROOVED	5916	L.F.	\$4.96	\$29,343.36
32	8" YELLOW PREFORMED PLASTIC PAVEMENT MARKING TYPE 4, GROOVED	46	L.F.	\$9.15	\$420.90
33	4" WHITE PREFORMED PLASTIC PAVMENT MARKING TYPE 4, GROOVED	130	L.F.	\$4.60	\$598.00
34	12" WHITE PREFORMED PLASTIC PAVEMENT MARKING TYPE 4, GROOVED	80	L.F.	\$13.66	\$1,092.80
35	ARROW, PREFORMED PLASTIC PAVEMENT MARKING TYPE 4	16	EA.	\$460.00	\$7,360.00
36	REMOVE ASPHALT PAVING	8997	S.Y.	\$2.75	\$24,741.75
37	REMOVE ASPHALT DRIVEWAY	1338	S.Y.	\$2.75	\$3,679.50
38	REMOVE CONCRETE DRIVEWAY	490	S.Y.	\$2.75	\$1,347.50
39	REMOVE GRAVEL DRIVEWAY	125	S.Y.	\$3.00	\$375.00
40	REMOVE AREA INLET	1	EA.	\$200.00	\$200.00
41	REMOVE 12" PLASTIC STORM SEWER PIPE	40	L.F.	\$7.10	\$284.00
42	REMOVE 12" REINFORCED CONCRETE STORM SEWER PIPE	274	L.F.	\$7.10	\$1,945.40
43	REMOVE 12" CORRUGATED METAL STORM SEWER PIPE	185	L.F.	\$7.10	\$1,313.50
44	REMOVE 12" PVC STORM SEWER PIPE	39	L.F.	\$7.10	\$276.90
45	REMOVE 15" REINFORCED CONCRETE STORM SEWER PIPE	87	L.F.	\$7.10	\$617.70
46	REMOVE 18" REINFORCED CONCRETE STORM SEWER PIPE	320	L.F.	\$7.35	\$2,352.00

47	REMOVE 30" REINFORCED CONCRETE PIPE	32	L.F.	\$11.40	\$364.80
48	REMOVE AND REPLACE CHAIN LINK FENCE	168	L.F.	\$26.75	\$4,494.00
49	REMOVE AND REPLACE CHAIN LINK FENCE GATE	1	EA.	\$325.00	\$325.00
50	REMOVE AND REPLACE FENCE	60	L.F.	\$3.80	\$228.00
51	REMOVE AND REPLACE FENCE GATE	1	EA.	\$345.00	\$345.00
52	REMOVE AND SALVAGE LANDSCAPE BRICKS TO OWNER	1	L.S.	\$642.00	\$642.00
53	REMOVE AND SALVAGE MAILBOXES TO OWNER	1	L.S.	\$860.00	\$860.00
54	REMOVE 8" P.C. CONCRETE STORAGE SLAB	958	S.Y.	\$2.90	\$2,778.20
55	REMOVE TREE	2	EA.	\$145.00	\$290.00
56	REMOVE AND REPLACE SIGN	9	EA.	\$77.85	\$700.65
57	REMOVE DETECTOR LOOP	2	EA.	\$35.00	\$70.00
					\$1,219,452.29
	<u>BID SECTION B</u>				
1	10" D.I. WATER MAIN	144	L.F.	\$111.30	\$16,027.20
2	10" LINE STOP	4	EA.	\$5,047.00	\$20,188.00
3	10" 45o M.J. BEND	16	EA.	\$1,442.00	\$23,072.00
4	10" RETAINER GLAND	34	EA.	\$131.00	\$4,454.00
5	10" GATE VALVE AND BOX	1	EA.	\$3,165.00	\$3,165.00
6	5/8" PLUG	1	EA.	\$47.00	\$47.00
7	3/4" PLUG	1	EA.	\$29.10	\$29.10
8	1" CORPORATION STOP	11	EA.	\$567.00	\$6,237.00
9	1" CURB STOP	4	EA.	\$389.10	\$1,556.40
10	1" PLUG	7	EA.	\$35.80	\$250.60
11	1" COPPER SERVICE	236.5	L.F.	\$43.10	\$10,193.15
12	1 1/2" CORPORATION STOP	0	EA.	\$821.10	\$0.00
13	1 1/2" CURB STOP	0	EA.	\$627.00	\$0.00
14	1 1/2" PLUG	0	EA.	\$89.00	\$0.00
15	1 1/2" COPPER SERVICE	0	L.F.	\$53.00	\$0.00
16	1 1/2" CLEARCORE P.E. PIPE (TEMP. SERVICE)	0	L.F.	\$12.00	\$0.00
17	REMOVE 1 1/2" COPPER SERVICE	0	L.F.	\$9.00	\$0.00
18	2" CORPORATION STOP	3	EA.	\$965.00	\$2,895.00
19	2" PLUG	2	EA.	123.00	\$246.00
20	1" CLEARCORE P.E. PIPE (TEMP. SERVICE)	70	L.F.	11.00	\$770.00

21	REMOVE 5/8" COPPER SERVICE	51.5	L.F.	9.00	\$463.50
22	REMOVE WATER VALVE MANHOLE	2	EA.	511.00	\$1,022.00
23	CURB STOP BOX	4	EA.	242.00	\$968.00
24	REMOVE AND SALVAGE EXISTING CURB STOP BOX	0	EA.	93.00	\$0.00
25	REMOVE AND SALVAGE 1 1/2" COPPER SERVICE	0	L.F.	11.00	\$0.00
26	INSTALL SALVAGED CURB STOP BOX	0	EA.	95.10	\$0.00
27	INSTALL SALVAGED 1 1/2" COPPER SERVICE	0	L.F.	42.40	\$0.00
					\$91,583.95
<u>CHANGE ORDERS</u>					
CO1-1	Epoxy Coat Inlets	3	EA.	\$1,000.00	\$3,000.00
CO1-2	Build Storm Sewer Junction Box	3	EA,	\$2,985.00	\$8,955.00
CO1-3	15" Reinforced Concrete Sorm Sewer Pipe	50	L.F.	\$41.60	\$2,080.00
CO1-4	Remove Water Valve Manhole	2	EA.	\$511.00	\$1,022.00
CO2-1	Dinsdale Property Drainage Structure	1	EA.	\$225.00	\$225.00
CO2-2	Signal Detection Loop at Stolley Park Road Intersection	1	LS	\$980.00	\$980.00
CO2-3	Ditch Grading @ 2nd Street and Webb Road	1	LS	\$4,000.00	\$4,000.00
CO2-4	21 Days of Liquidated Damages @ \$225 /Day	21	EA.	(\$250.00)	-\$5,250.00
					\$15,012.00

THE DIAMOND ENGINEERING COMPANY =

\$ 1,326,048.24

ADDITIONAL DISTRICT COSTS

Public Works Engineering	Design Engineering	\$	99,500.00
Olsson Associates	Construction Engineering	\$	123,942.03
The Grand Island Independent	Advertising	\$	124.34
Cornerstone Bank	Project Bond Interest	\$	7,146.77
Hall County Register of Deeds	Filing Fees	\$	56.00
City of Grand Island	Water Main Lowering	\$	2,922.47
Rinker Materials & Ronald J. Vlach	Easements	\$	11,838.00
Quality Signs	Detour Signs	\$	560.00
Rinker Materials	Storage Slab	\$	39,565.40

Subtotal Additional District Costs = \$ 285,655.01

Total Costs - \$1,611,703.25

I hereby recommend that the Engineer's Certificate of Final Completion for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks be approved.

John Collins, PE - City Engineer/Public Works Director

Jeremy L. Jensen – Mayor

RESOLUTION 2015-227

WHEREAS, the City Engineer/Public Works Director for the City Of Grand Island has issued a Certificate of Completion for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks, certifying that The Diamond Engineering Company of Grand Island, Nebraska, under contract, has completed the paving project; and

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the project; and

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that:

1. The Certificate of Final Completion for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks, in the amount of \$1,326,048.24 is hereby confirmed.
2. The City Council will sit as a Board of Equalization on September 22, 2015 to determine benefits and set assessments for Webb Road Street Improvement District No. 1260; South Webb Road Extending North from Stolley Park Road to Union Pacific Railroad Tracks.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 25, 2015.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
August 21, 2015	☐ City Attorney