



CITY of NOVI CITY COUNCIL

Agenda Item 1
April 24, 2017

SUBJECT: Approval to award a construction contract for the Christina Culverts Rehabilitation project to Springline Excavating, LLC, the low-bidder, in the amount of \$143,532.00, subject to final review and approval of the form and agreement by the City Manager's office and the City Attorney.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division **GDM**

CITY MANAGER APPROVAL: **PR**

EXPENDITURE REQUIRED	\$ 143,532.00
AMOUNT BUDGETED	\$ 206,383.00
LINE ITEM NUMBER	210-211.00-865.136 (Drainage Fund)

BACKGROUND INFORMATION:

There is a culvert underneath Christina Lane that bridges the different Cedar Springs phased developments between 10 and 11 Mile roads. The culvert handles the storm water runoff for Cedar Spring and Jamestown neighborhoods. The existing culverts have been deteriorating over the years and failing due to rusting. The holes that formed in the culverts allowed water to flow beneath and in between the culverts causing erosion and resulting in sinkholes observed at the surface. The proposed Christina Culvert Replacement Project consists of replacing of four (4) existing 49"x 33" culverts. The culverts will be replaced with four (4) Corrugated Metal Pipes and two (2) Corrugated Multiple-Inlet End Sections.

In 2011, URS Corporation performed an analysis of the culverts and the various methods of rehabilitation that should be considered. In 2014 the City of Novi solicited and received bids for the spray-on lining option and all bids were rejected because they were considerably higher and the expected estimation. The project was re-designed in 2016 to include replacing the 4 existing culverts with 4 new culverts of the same size. Once again all of the bids came back higher than anticipated and the project was put on hold until 2017. In 2017, the project was re-designed with special attention to the budget restrictions and advertised for bidding on March 22, 2017.

A total of 14 bids were received and opened on April 12, 2017 following a public bid solicitation period. The lowest bidder was Springline Excavating, LLC. Springline's bid is being recommended as being in the best interest of the City as it is responsive (i.e., Springline has complied with all requirements of the bidding instructions) and it is the lowest price. (AECOM's award recommendation letter including the bid tabulation is attached).

A summary of the 14 bids are as follows:

Contractor	Base Bid (Including Crew Days)*
Springline Excavating, LLC	\$ 149,932.00
Anglin Civil	\$ 173,437.65
JSS - Macomb	\$ 174,536.00
Commerce Construction	\$ 180,633.75
Wozniak Underground	\$ 209,290.00
Erie Construction	\$ 231,521.00
Gianetti Building Development, LLC	\$ 232,355.00
Evergreen Civil	\$ 236,107.00
CI Contracting	\$ 237,413.00
Bricco Excavating	\$ 258,720.00
DVM Utilities, Inc.	\$ 271,252.50
Macomb Pipeline & Utilities CO	\$ 276,400.00
Lawrence M. Clarke	\$ 280,203.00
V.I.L. Construction	\$ 313,665.00

*Crew Days are included to compare bids, but are not included in the award.

It is anticipated that this project will be substantially complete by September 1st, 2017 with final completion and restoration in the fall of 2017.

RECOMMENDED ACTION: Approval to award a construction contract for the Christina Culverts Rehabilitation project to Springline Excavating, LLC, the low-bidder, in the amount of \$143,532.00, subject to final review and approval of the form and agreement by the City Manager's office and the City Attorney.

CHRISTINA LANE CULVERT REPLACEMENT

Location Map



Map Author: Croy
Date: 10/31/14
Project: Christina Culvert Replacement
Version #: v3.0

MAP INTERPRETATION NOTICE
Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

0 25 50 100 150

Feet

1 inch = 140 feet

City of Novi
Engineering Division
Department of Public Services
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org



April 13, 2017

Mr. Aaron Staup, PE
City of Novi
Engineering Department
26300 Lee BeGole Drive
Novi, MI 48375

Reference: Bid Analysis and Contract Award Recommendation
Christina Lane Culvert Rehabilitation
AECOM Project Number 13653725

Dear Mr. Staup:

Attached is the Bid Tabulation for the above referenced project. Fourteen bids were received and opened. The following irregularities were noted in the bids:

The bids from CI Contracting and V.I.L. Construction had minor mathematical errors. The totals bid for both was not added correctly.

Springline Excavating, LLC, the low bidder, has completed similar projects for the City and we understand that they have performed satisfactorily. The bonding company listed in the Statement of Qualifications has an AM Best rating of A and exceeds the minimum requirements.

We therefore recommend award of the contract to Springline Excavating, LLC for the Bid Amount, excluding crew day costs, of \$143,532.00.

Please feel free to contact me if you need anything else or wish to discuss the project.

Sincerely,

AECOM Great Lakes, Inc.

A handwritten signature in blue ink that reads "Sean Kelsch".

Sean Kelsch, P.E.
Project Manager

cc: Mark Koskinen, AECOM

TABULATION OF BIDS
BIDS OPENED 04-12-2017
City of Novi, Michigan
Christina Lane Culvert Rehabilitation

Item	Item Description	Unit	Qty	Engineers Estimate		Springline Excavating, LLC		Anglin Civil		JSS-McComb, LLC		Commerce Construction & Landscaping, LLC	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization	LS	1	\$ 12,500.00	\$ 12,500.00	\$ 7,400.00	\$ 7,400.00	\$ 17,000.00	\$ 17,000.00	\$ 4,100.00	\$ 4,100.00	\$ 6,000.00	\$ 6,000.00
2	Pre-construction Video	LS	1	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,725.00	\$ 1,725.00	\$ 1,410.00	\$ 1,410.00	\$ 790.00	\$ 790.00
3	Clearing and Grubbing	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 2,875.00	\$ 2,875.00	\$ 2,750.00	\$ 2,750.00	\$ 4,950.00	\$ 4,950.00
4	Soil Erosion and Sedimentation Control	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,300.00	\$ 2,300.00	\$ 2,250.00	\$ 2,250.00	\$ 1,000.00	\$ 1,000.00
5	Asphalt Pavement - Removal	SF	1,045	\$ 6.25	\$ 6,531.25	\$ 2.00	\$ 2,090.00	\$ 2.99	\$ 3,124.55	\$ 1.75	\$ 1,828.75	\$ 2.25	\$ 2,351.25
6	Concrete Curb & Gutter - Removal	LF	100	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 11.50	\$ 1,150.00	\$ 9.00	\$ 900.00	\$ 15.00	\$ 1,500.00
7	49"x33" Corrugated Metal Pipe - Removal	LF	244	\$ 100.00	\$ 24,400.00	\$ 25.00	\$ 6,100.00	\$ 13.80	\$ 3,367.20	\$ 30.50	\$ 7,442.00	\$ 20.00	\$ 4,880.00
8	Rip-Rap & Conc. Slope Protection - Removal	SY	860	\$ 1.75	\$ 1,505.00	\$ 2.00	\$ 1,720.00	\$ 2.99	\$ 2,571.40	\$ 1.00	\$ 860.00	\$ 5.00	\$ 4,300.00
9	Concrete Sidewalk - Removal	SF	890	\$ 1.25	\$ 1,112.50	\$ 1.00	\$ 890.00	\$ 2.30	\$ 2,047.00	\$ 0.65	\$ 578.50	\$ 4.00	\$ 3,560.00
10	8" Sanitary Sewer - Removal	LF	76	\$ 8.25	\$ 627.00	\$ 17.00	\$ 1,292.00	\$ 17.25	\$ 1,311.00	\$ 36.75	\$ 2,793.00	\$ 15.00	\$ 1,140.00
11	Catch Basin - Removal	EA	2	\$ 200.00	\$ 400.00	\$ 300.00	\$ 600.00	\$ 575.00	\$ 1,150.00	\$ 577.00	\$ 1,154.00	\$ 400.00	\$ 800.00
12	Split Rail Fence - Removal	LF	230	\$ 1.00	\$ 230.00	\$ 4.00	\$ 920.00	\$ 3.45	\$ 793.50	\$ 0.90	\$ 207.00	\$ 3.00	\$ 690.00
13	8" D.I. Sanitary Sewer	LF	76	\$ 60.00	\$ 4,560.00	\$ 135.00	\$ 10,260.00	\$ 97.75	\$ 7,429.00	\$ 179.00	\$ 13,604.00	\$ 240.00	\$ 18,240.00
14	49" x 33" 14 Ga. Corrugated Metal Pipe (Polymer Coated)	FT	284	\$ 220.00	\$ 62,480.00	\$ 135.00	\$ 38,340.00	\$ 132.25	\$ 37,559.00	\$ 79.00	\$ 22,436.00	\$ 135.00	\$ 38,340.00
15	Flowable Fill Bedding	CY	56	\$ 110.00	\$ 6,160.00	\$ 160.00	\$ 8,960.00	\$ 161.00	\$ 9,016.00	\$ 170.00	\$ 9,520.00	\$ 20.00	\$ 1,120.00
16	Corrugated Multiple-Inlet End Sections	EA	2	\$ 19,500.00	\$ 39,000.00	\$ 6,300.00	\$ 12,600.00	\$ 7,084.00	\$ 14,168.00	\$ 8,240.00	\$ 16,480.00	\$ 7,200.00	\$ 14,400.00
17	8" Aggregate Base	SY	100	\$ 13.00	\$ 1,300.00	\$ 10.00	\$ 1,000.00	\$ 11.50	\$ 1,150.00	\$ 21.00	\$ 2,100.00	\$ 15.00	\$ 1,500.00
18	HMA, 3E-1	Ton	24	\$ 107.00	\$ 2,568.00	\$ 200.00	\$ 4,800.00	\$ 230.00	\$ 5,520.00	\$ 231.00	\$ 5,544.00	\$ 229.00	\$ 5,496.00
19	HMA, 5E-1	Ton	24	\$ 115.00	\$ 2,760.00	\$ 200.00	\$ 4,800.00	\$ 230.00	\$ 5,520.00	\$ 231.00	\$ 5,544.00	\$ 229.00	\$ 5,496.00
20	Concrete Curb & Gutter	LF	100	\$ 30.00	\$ 3,000.00	\$ 25.00	\$ 2,500.00	\$ 28.75	\$ 2,875.00	\$ 32.00	\$ 3,200.00	\$ 25.25	\$ 2,525.00
21	Catch Basin	EA	2	\$ 2,800.00	\$ 5,600.00	\$ 1,800.00	\$ 3,600.00	\$ 5,175.00	\$ 10,350.00	\$ 3,780.00	\$ 7,560.00	\$ 2,950.00	\$ 5,900.00
22	6" Underdrain	LF	35	\$ 6.00	\$ 210.00	\$ 24.00	\$ 840.00	\$ 25.30	\$ 885.50	\$ 23.25	\$ 813.75	\$ 12.00	\$ 420.00
23	Concrete Sidewalk	SF	950	\$ 6.80	\$ 6,460.00	\$ 4.50	\$ 4,275.00	\$ 5.29	\$ 5,025.50	\$ 9.35	\$ 8,882.50	\$ 4.55	\$ 4,322.50
24	Fencing - 3-Rail PVC	LF	290	\$ 20.00	\$ 5,800.00	\$ 35.00	\$ 10,150.00	\$ 40.25	\$ 11,672.50	\$ 65.25	\$ 18,922.50	\$ 70.70	\$ 20,503.00
25	Rock Channel Protection	SY	93	\$ 120.00	\$ 11,160.00	\$ 65.00	\$ 6,045.00	\$ 57.50	\$ 5,347.50	\$ 110.00	\$ 10,230.00	\$ 105.00	\$ 9,765.00
26	Seeding and Mulching (Non-Native Riparian Buffer Area)	LS	1	\$ 1,600.00	\$ 1,600.00	\$ 2,400.00	\$ 2,400.00	\$ 2,875.00	\$ 2,875.00	\$ 1,710.00	\$ 1,710.00	\$ 3,500.00	\$ 3,500.00
27	Seeding and Mulching (Native Riparian Buffer Area)	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,875.00	\$ 2,875.00	\$ 756.00	\$ 756.00	\$ 4,600.00	\$ 4,600.00
28	Traffic Control	LS	1	\$ 4,500.00	\$ 4,500.00	\$ 1,750.00	\$ 1,750.00	\$ 2,875.00	\$ 2,875.00	\$ 6,960.00	\$ 6,960.00	\$ 3,025.00	\$ 3,025.00
29	RCOC Permit	ALW	1	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00
30	Crew Days	Day	\$640.00	30	\$ 19,200.00	10	\$ 6,400.00	12	\$ 7,680.00	20	\$ 12,800.00	13	\$ 8,320.00
TOTAL BID					\$ 234,563.75		\$ 149,932.00		\$ 173,437.65		\$ 174,536.00		\$ 180,633.75

AWARD AMOUNT (EXCLUDES CREW DAYS)

\$ 143,532.00

XXXXXXX Indicates Corrected Entry

TABULATION OF BIDS
BIDS OPENED 04-12-2017
City of Novi, Michigan
Christina Lane Culvert Rehabilitation

Item	Item Description	Unit	Qty	Wozniak Underground		Erie Construction, LLC		Gianetti Building Development, LLC		Evergreen Civil, LLC		CI Contracting	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 16,745.00	\$ 16,745.00	\$ 17,175.00	\$ 17,175.00	\$ 24,500.00	\$ 24,500.00	\$ 7,200.00	\$ 7,200.00
2	Pre-construction Video	LS	1	\$ 1,575.00	\$ 1,575.00	\$ 1,000.00	\$ 1,000.00	\$ 3,814.00	\$ 3,814.00	\$ 1,285.00	\$ 1,285.00	\$ 1,300.00	\$ 1,300.00
3	Clearing and Grubbing	LS	1	\$ 2,850.00	\$ 2,850.00	\$ 1,500.00	\$ 1,500.00	\$ 1,900.00	\$ 1,900.00	\$ 3,400.00	\$ 3,400.00	\$ 2,500.00	\$ 2,500.00
4	Soil Erosion and Sedimentation Control	LS	1	\$ 1,800.00	\$ 1,800.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 2,500.00	\$ 2,500.00
5	Asphalt Pavement - Removal	SF	1,045	\$ 6.00	\$ 6,270.00	\$ 1.00	\$ 1,045.00	\$ 2.50	\$ 2,612.50	\$ 1.45	\$ 1,515.25	\$ 2.00	\$ 2,090.00
6	Concrete Curb & Gutter - Removal	LF	100	\$ 5.00	\$ 500.00	\$ 9.00	\$ 900.00	\$ 6.00	\$ 600.00	\$ 17.50	\$ 1,750.00	\$ 5.00	\$ 500.00
7	49"x33" Corrugated Metal Pipe - Removal	LF	244	\$ 10.00	\$ 2,440.00	\$ 40.00	\$ 9,760.00	\$ 65.00	\$ 15,860.00	\$ 52.00	\$ 12,688.00	\$ 53.00	\$ 12,932.00
8	Rip-Rap & Conc. Slope Protection - Removal	SY	860	\$ 2.00	\$ 1,720.00	\$ 1.90	\$ 1,634.00	\$ 7.00	\$ 6,020.00	\$ 4.25	\$ 3,655.00	\$ 8.00	\$ 6,880.00
9	Concrete Sidewalk - Removal	SF	890	\$ 2.00	\$ 1,780.00	\$ 1.20	\$ 1,068.00	\$ 4.00	\$ 3,560.00	\$ 1.70	\$ 1,513.00	\$ 1.00	\$ 890.00
10	8" Sanitary Sewer - Removal	LF	76	\$ 60.00	\$ 4,560.00	\$ 4.00	\$ 304.00	\$ 27.00	\$ 2,052.00	\$ 190.00	\$ 14,440.00	\$ 10.00	\$ 760.00
11	Catch Basin - Removal	EA	2	\$ 600.00	\$ 1,200.00	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00	\$ 670.00	\$ 1,340.00	\$ 500.00	\$ 1,000.00
12	Split Rail Fence - Removal	LF	230	\$ 4.00	\$ 920.00	\$ 3.00	\$ 690.00	\$ 6.00	\$ 1,380.00	\$ 14.00	\$ 3,220.00	\$ 4.00	\$ 920.00
13	8" D.I. Sanitary Sewer	LF	76	\$ 240.00	\$ 18,240.00	\$ 585.00	\$ 44,460.00	\$ 77.00	\$ 5,852.00	\$ 160.00	\$ 12,160.00	\$ 128.00	\$ 9,728.00
14	49" x 33" 14 Ga. Corrugated Metal Pipe (Polymer Coated)	FT	284	\$ 192.00	\$ 54,528.00	\$ 150.00	\$ 42,600.00	\$ 210.00	\$ 59,640.00	\$ 125.00	\$ 35,500.00	\$ 305.00	\$ 86,620.00
15	Flowable Fill Bedding	CY	56	\$ 200.00	\$ 11,200.00	\$ 170.00	\$ 9,520.00	\$ 206.00	\$ 11,536.00	\$ 260.00	\$ 14,560.00	\$ 188.00	\$ 10,528.00
16	Corrugated Multiple-Inlet End Sections	EA	2	\$ 6,436.00	\$ 12,872.00	\$ 11,840.00	\$ 23,680.00	\$ 7,835.00	\$ 15,670.00	\$ 9,000.00	\$ 18,000.00	\$ 8,700.00	\$ 17,400.00
17	8" Aggregate Base	SY	100	\$ 56.00	\$ 5,600.00	\$ 20.00	\$ 2,000.00	\$ 23.00	\$ 2,300.00	\$ 30.00	\$ 3,000.00	\$ 15.00	\$ 1,500.00
18	HMA, 3E-1	Ton	24	\$ 204.00	\$ 4,896.00	\$ 200.00	\$ 4,800.00	\$ 179.00	\$ 4,296.00	\$ 225.00	\$ 5,400.00	\$ 130.00	\$ 3,120.00
19	HMA, 5E-1	Ton	24	\$ 206.00	\$ 4,944.00	\$ 215.00	\$ 5,160.00	\$ 184.00	\$ 4,416.00	\$ 225.00	\$ 5,400.00	\$ 130.00	\$ 3,120.00
20	Concrete Curb & Gutter	LF	100	\$ 30.00	\$ 3,000.00	\$ 35.00	\$ 3,500.00	\$ 25.00	\$ 2,500.00	\$ 25.00	\$ 2,500.00	\$ 70.00	\$ 7,000.00
21	Catch Basin	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 3,200.00	\$ 6,400.00	\$ 1,900.00	\$ 3,800.00	\$ 2,900.00	\$ 5,800.00	\$ 3,500.00	\$ 7,000.00
22	6" Underdrain	LF	35	\$ 35.00	\$ 1,225.00	\$ 35.00	\$ 1,225.00	\$ 25.00	\$ 875.00	\$ 41.45	\$ 1,450.75	\$ 20.00	\$ 700.00
23	Concrete Sidewalk	SF	950	\$ 6.50	\$ 6,175.00	\$ 9.00	\$ 8,550.00	\$ 12.00	\$ 11,400.00	\$ 6.80	\$ 6,460.00	\$ 9.00	\$ 8,550.00
24	Fencing - 3-Rail PVC	LF	290	\$ 30.00	\$ 8,700.00	\$ 35.00	\$ 10,150.00	\$ 26.25	\$ 7,612.50	\$ 25.00	\$ 7,250.00	\$ 30.00	\$ 8,700.00
25	Rock Channel Protection	SY	93	\$ 65.00	\$ 6,045.00	\$ 110.00	\$ 10,230.00	\$ 88.00	\$ 8,184.00	\$ 200.00	\$ 18,600.00	\$ 75.00	\$ 6,975.00
26	Seeding and Mulching (Non-Native Riparian Buffer Area)	LS	1	\$ 5,200.00	\$ 5,200.00	\$ 2,400.00	\$ 2,400.00	\$ 4,200.00	\$ 4,200.00	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00
27	Seeding and Mulching (Native Riparian Buffer Area)	LS	1	\$ 1,200.00	\$ 1,200.00	\$ 2,600.00	\$ 2,600.00	\$ 4,200.00	\$ 4,200.00	\$ 2,570.00	\$ 2,570.00	\$ 2,500.00	\$ 2,500.00
28	Traffic Control	LS	1	\$ 2,650.00	\$ 2,650.00	\$ 2,600.00	\$ 2,600.00	\$ 5,200.00	\$ 5,200.00	\$ 2,500.00	\$ 2,500.00	\$ 5,000.00	\$ 5,000.00
29	RCOC Permit	ALW	1	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00
30	Crew Days	Day	\$640.00	25	\$ 16,000.00	20	\$ 12,800.00	35	\$ 22,400.00	30	\$ 19,200.00	20	\$ 12,800.00
	TOTAL BID				\$ 209,290.00		\$ 231,521.00		\$ 232,355.00		\$ 236,107.00		\$ 236,913.00

AWARD AMOUNT (EXCLUDES CREW DAYS)

XXXXXXX Indicates Corrected Entry

TABULATION OF BIDS
BIDS OPENED 04-12-2017
City of Novi, Michigan
Christina Lane Culvert Rehabilitation

Item	Item Description	Unit	Qty	Bricco Excavating Company, LLC		DVM Utilities, Inc.		Macomb Pipeline & Utilities Co.		Lawrence M. Clarke, Inc.		V.I.L.Construction, Inc.	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	Mobilization	LS	1	\$ 65,000.00	\$ 65,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 13,343.00	\$ 13,343.00	\$ 25,000.00	\$ 25,000.00
2	Pre-construction Video	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00
3	Clearing and Grubbing	LS	1	\$ 4,500.00	\$ 4,500.00	\$ 3,500.00	\$ 3,500.00	\$ 12,000.00	\$ 12,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00
4	Soil Erosion and Sedimentation Control	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 6,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 750.00	\$ 750.00
5	Asphalt Pavement - Removal	SF	1,045	\$ 1.00	\$ 1,045.00	\$ 1.50	\$ 1,567.50	\$ 6.00	\$ 6,270.00	\$ 2.00	\$ 2,090.00	\$ 1.00	\$ 1,045.00
6	Concrete Curb & Gutter - Removal	LF	100	\$ 3.00	\$ 300.00	\$ 12.00	\$ 1,200.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00	\$ 10.00	\$ 1,000.00
7	49"x33" Corrugated Metal Pipe - Removal	LF	244	\$ 40.00	\$ 9,760.00	\$ 25.00	\$ 6,100.00	\$ 60.00	\$ 14,640.00	\$ 100.00	\$ 24,400.00	\$ 110.00	\$ 26,840.00
8	Rip-Rap & Conc. Slope Protection - Removal	SY	860	\$ 5.00	\$ 4,300.00	\$ 10.00	\$ 8,600.00	\$ 20.00	\$ 17,200.00	\$ 2.00	\$ 1,720.00	\$ 1.50	\$ 1,290.00
9	Concrete Sidewalk - Removal	SF	890	\$ 1.00	\$ 890.00	\$ 1.00	\$ 890.00	\$ 3.00	\$ 2,670.00	\$ 1.00	\$ 890.00	\$ 1.50	\$ 1,335.00
10	8" Sanitary Sewer - Removal	LF	76	\$ 20.00	\$ 1,520.00	\$ 25.00	\$ 1,900.00	\$ 20.00	\$ 1,520.00	\$ 60.00	\$ 4,560.00	\$ 25.00	\$ 1,900.00
11	Catch Basin - Removal	EA	2	\$ 450.00	\$ 900.00	\$ 500.00	\$ 1,000.00	\$ 400.00	\$ 800.00	\$ 1,000.00	\$ 2,000.00	\$ 500.00	\$ 1,000.00
12	Split Rail Fence - Removal	LF	230	\$ 3.00	\$ 690.00	\$ 5.00	\$ 1,150.00	\$ 15.00	\$ 3,450.00	\$ 50.00	\$ 11,500.00	\$ 1.00	\$ 230.00
13	8" D.I. Sanitary Sewer	LF	76	\$ 120.00	\$ 9,120.00	\$ 250.00	\$ 19,000.00	\$ 160.00	\$ 12,160.00	\$ 200.00	\$ 15,200.00	\$ 220.00	\$ 16,720.00
14	49" x 33" 14 Ga. Corrugated Metal Pipe (Polymer Coated)	FT	284	\$ 150.00	\$ 42,600.00	\$ 150.00	\$ 42,600.00	\$ 270.00	\$ 76,680.00	\$ 250.00	\$ 71,000.00	\$ 450.00	\$ 127,800.00
15	Flowable Fill Bedding	CY	56	\$ 125.00	\$ 7,000.00	\$ 250.00	\$ 14,000.00	\$ 120.00	\$ 6,720.00	\$ 300.00	\$ 16,800.00	\$ 200.00	\$ 11,200.00
16	Corrugated Multiple-Inlet End Sections	EA	2	\$ 10,000.00	\$ 20,000.00	\$ 10,000.00	\$ 20,000.00	\$ 14,000.00	\$ 28,000.00	\$ 11,000.00	\$ 22,000.00	\$ 7,500.00	\$ 15,000.00
17	8" Aggregate Base	SY	100	\$ 18.00	\$ 1,800.00	\$ 15.00	\$ 1,500.00	\$ 30.00	\$ 3,000.00	\$ 40.00	\$ 4,000.00	\$ 35.00	\$ 3,500.00
18	HMA, 3E-1	Ton	24	\$ 200.00	\$ 4,800.00	\$ 225.00	\$ 5,400.00	\$ 120.00	\$ 2,880.00	\$ 300.00	\$ 7,200.00	\$ 190.00	\$ 4,560.00
19	HMA, 5E-1	Ton	24	\$ 200.00	\$ 4,800.00	\$ 235.00	\$ 5,640.00	\$ 120.00	\$ 2,880.00	\$ 300.00	\$ 7,200.00	\$ 195.00	\$ 4,680.00
20	Concrete Curb & Gutter	LF	100	\$ 18.00	\$ 1,800.00	\$ 90.00	\$ 9,000.00	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00	\$ 28.00	\$ 2,800.00
21	Catch Basin	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 2,890.00	\$ 5,780.00	\$ 4,000.00	\$ 8,000.00	\$ 2,000.00	\$ 4,000.00	\$ 3,500.00	\$ 7,000.00
22	6" Underdrain	LF	35	\$ 25.00	\$ 875.00	\$ 25.00	\$ 875.00	\$ 26.00	\$ 910.00	\$ 50.00	\$ 1,750.00	\$ 25.00	\$ 875.00
23	Concrete Sidewalk	SF	950	\$ 5.00	\$ 4,750.00	\$ 7.00	\$ 6,650.00	\$ 5.00	\$ 4,750.00	\$ 6.00	\$ 5,700.00	\$ 5.00	\$ 4,750.00
24	Fencing - 3-Rail PVC	LF	290	\$ 18.00	\$ 5,220.00	\$ 55.00	\$ 15,950.00	\$ 50.00	\$ 14,500.00	\$ 45.00	\$ 13,050.00	\$ 50.00	\$ 14,500.00
25	Rock Channel Protection	SY	93	\$ 150.00	\$ 13,950.00	\$ 350.00	\$ 32,550.00	\$ 150.00	\$ 13,950.00	\$ 100.00	\$ 9,300.00	\$ 150.00	\$ 13,950.00
26	Seeding and Mulching (Non-Native Riparian Buffer Area)	LS	1	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00
27	Seeding and Mulching (Native Riparian Buffer Area)	LS	1	\$ 6,000.00	\$ 6,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00
28	Traffic Control	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00
29	RCOC Permit	ALW	1	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00
30	Crew Days	Day	\$640.00	35	\$ 22,400.00	30	\$ 19,200.00	18	\$ 11,520.00	20	\$ 12,800.00	20	\$ 12,800.00
	TOTAL BID				\$ 258,720.00		\$ 271,252.50		\$ 276,400.00		\$ 280,203.00		\$ 318,225.00

AWARD AMOUNT (EXCLUDES CREW DAYS)

XXXXXXX Indicates Corrected Entry

BID
for
CHRISTINA LANE CULVERT REPLACEMENT

Bid of Springline Excavating LLC hereinafter called Bidder, organized and existing under the laws of or a resident of the State of Michigan, doing business as Springline Excavating LLC *.

Insert as applicable: "a corporation", "a partnership" or "an individual".

TO THE CITY OF NOVI, MICHIGAN, hereinafter called OWNER:

The undersigned as Bidder hereby declares: that this Bid is made in good faith without fraud or collusion with any person or persons bidding on the same Contract; that the Bidder has read and examined the Advertisement for Bids, Instructions to Bidders, Bid, General Conditions, Supplementary Conditions, Agreement, Forms of Bond, Specifications and Drawings, as prepared by the ENGINEER, and understands all of the same; that the Bidder of its representative has made personal investigation at the site and has become fully familiar with regard to the conditions to be met in the execution of this Contract, and the undersigned proposes to furnish all labor, materials, tools, power, transportation, and construction equipment necessary for the construction of the Project and performing related work in full accordance with the aforesaid Contract Documents, including any and all Addenda officially issued, their receipt of which is hereby acknowledged:

Addendum No.	Addendum Date
_____	_____
_____	_____
_____	_____

The Contract will be awarded to the lowest responsive, responsible Bidder based on the unit prices for all Work specified.

The Bidder agrees to complete the Project for the following unit prices:

Christina Lane Culvert Pipe Replacement:

Item No.	Item Description	Qty	Unit	Unit Price	Total Price
1.	Mobilization	1	LS	\$ 7400 ⁰⁰	\$ 7400 ⁰⁰
2.	Pre-construction video	1	LS	\$ 1000 ⁰⁰	\$ 1000 ⁰⁰
3.	Clearing and Grubbing	1	LS	\$ 1500 ⁰⁰	\$ 1500 ⁰⁰
4.	Soil Erosion and Sedimentation Control	1	LS	\$ 2000 ⁰⁰	\$ 2000 ⁰⁰
5.	Asphalt Pavement - Removal	1,045	SF	\$ 2 ⁰⁰	\$ 2090 ⁰⁰



6.	Concrete Curb & Gutter - Removal	100	LF	\$ 15 ⁰⁰	\$ 1500 ⁰⁰
7.	49"x33" Corrugated Metal Pipe - Removal	244	LF	\$ 25 ⁰⁰	\$ 6100 ⁰⁰
8.	Rip-Rap & Conc. Slope Protection - Removal	860	SF	\$ 2 ⁰⁰	\$ 1720 ⁰⁰
9.	Concrete Sidewalk - Removal	890	SF	\$ 1 ⁰⁰	\$ 890 ⁰⁰
10.	8" Sanitary Sewer - Removal	76	LF	\$ 17 ⁰⁰	\$ 1292 ⁰⁰
11.	Catch Basin - Removal	2	EA	\$ 300 ⁰⁰	\$ 600 ⁰⁰
12.	Split Rail Fence - Removal	230	LF	\$ 4 ⁰⁰	\$ 920 ⁰⁰
13.	8" D.I. Sanitary Sewer	76	LF	\$ 135 ⁰⁰	\$ 10260 ⁰⁰
14.	49"x33" 14 Ga. Corrugated Metal Pipe (Polymer Coated)	284	LF	\$ 135 ⁰⁰	\$ 38340 ⁰⁰
15.	Flowable Fill Bedding	56	CY	\$ 160 ⁰⁰	\$ 8960 ⁰⁰
16.	Corrugated Multiple-Inlet End Sections	2	EA	\$ 6300 ⁰⁰	\$ 12600 ⁰⁰
17.	8" Aggregated Base	100	SY	\$ 10 ⁰⁰	\$ 1000 ⁰⁰
18.	HMA, 3E-1	24	Ton	\$ 200 ⁰⁰	\$ 4800 ⁰⁰
19.	HMA, 5E-1	24	Ton	\$ 200 ⁰⁰	\$ 4800 ⁰⁰
20.	Concrete Curb & Gutter	100	LF	\$ 25 ⁰⁰	\$ 2500 ⁰⁰
21.	Catch Basin	2	EA	\$ 1800 ⁰⁰	\$ 3600 ⁰⁰
22.	6" Underdrain	35	LF	\$ 24 ⁰⁰	\$ 840 ⁰⁰
23.	Concrete Sidewalk	950	SF	\$ 4 ⁵⁰	\$ 4275 ⁰⁰
24.	Fencing - 3-Rail PVC	290	LF	\$ 35 ⁰⁰	\$ 10150 ⁰⁰
25.	Rock Channel Protection	93	SY	\$ 65 ⁰⁰	\$ 6045 ⁰⁰
26.	Seeding and Mulching (Non-Native Riparian Buffer Area)	1	LS	\$ 2400 ⁰⁰	\$ 2400 ⁰⁰
27.	Seeding and Mulching (Native Riparian Buffer Area)	1	LS	\$ 3000 ⁰⁰	\$ 3000 ⁰⁰
28.	Traffic Control	1	LS	\$ 1750 ⁰⁰	\$ 1750 ⁰⁰
29.	RCOC Permit	1	ALW	\$ 1,200	\$ 1,200
29.	Crew Days	10	Day	\$640	\$ 6400 ⁰⁰
TOTAL BASE BID PRICE:				\$	149,932 ⁰⁰



If the foregoing Bid shall be accepted by the OWNER, the undersigned agrees to enter into the attached form of Agreement within ten (10) days after receiving notice of such acceptance, will furnish the OWNER satisfactory bonds and certificates of insurance coverage, and will complete the Project, at the price and within the time stated in this Bid.

The undersigned further agrees that if the foregoing Bid shall be accepted, work will commence immediately after the Contract has been awarded, the Agreement executed, and a Notice to Proceed received. **The undersigned shall complete the Work to Substantial Completion within thirty (30) calendar days, and to Final Completion, including restoration and all punch list items, within forty (40) calendar days. These Contract Times do not include lead times for procurement, fabrication and delivery of the precast concrete units.**

The undersigned attaches hereto its Bid security, as required by the Advertisement for Bids and Instructions to Bidders. The undersigned agrees that in case it shall fail to fulfill its obligations under the foregoing Bid, and/or shall fail to furnish bonds, as specified, the OWNER may, at its option determine that the undersigned has abandoned its rights and interests in such Contract and that its Bid security accompanying its Bid; has been forfeited to the said OWNER, but otherwise the Bid security shall be returned to the undersigned upon the execution of the Contract and the acceptance of the bonds.

The undersigned also agrees that for each and every calendar day that he may be in default of Substantial Completion of the Work, within the time specified in this Bid, the OWNER will suffer a damage of six hundred dollars (\$600) per day, and said OWNER shall be compensated therefore at the rate as liquidated damages in accordance with the Agreement.

In submitting this Bid, it is understood that the right is reserved by the OWNER to accept any bid, to reject any or all Bids, and to waive irregularities in bidding in the interest of the OWNER.

SUBMITTED on 4/12/17
Date*

BY: Springline Expanding LLC
Name of Bidder

10560 Grand River Ave
Street*

[Signature]
Signature

Detroit MI 48204
City, State, ZIP*

Steve Rodkar, member
Name and Title of Signatory*

313-491-6688
Telephone Number*

313.933-8459
Facsimile Number*

*Typed or printed in ink.

