



December 12, 2013

Honorable Mayor and Council Members  
City of Ames  
Ames, Iowa 50010

Ladies and Gentlemen:

I hereby certify that the utilities, curb and gutter, and base asphalt paving required as a condition for approval of the final plat of **Northridge Heights, 16<sup>th</sup> Addition** have been completed in an acceptable manner by **Ames Trenching & Excavating of Ames, IA and Manatts, Inc. of Ames, IA**. The above-mentioned improvements have been inspected by the Engineering Division of the Public Works Department of the City of Ames, Iowa and found to meet City specifications and standards.

As a result of this certification, it is recommended that the financial security for public improvements on file with the City for this subdivision be set at **\$66,465**. The remaining work covered by this financial security includes the asphalt surfacing, street lighting, pedestrian ramps, and erosion control.

Sincerely,

John C. Joiner, P.E.  
Director

JJ/jc

cc: Finance, Contractor, Construction Supervisor, PW Senior Clerk, Planning & Housing,  
Subdivision file

Description	Unit	Quantity
Class 13 Excavation	CY	93000
Sub-grade Preparation	SY	5710
Sanitary Sewer Main, 8"	LF	1459
Sanitary Sewer Stub, 4"	EA	25
15" RCP, CL III	LF	607
18" Storm Sewer, CL III	LF	108
18" Gasketed RCP, CL III	LF	59
18" Storm Sewer (In 24" Steel Casing, Tunneled in Place)	LF	140
18" Storm Sewer Unclassified	LF	460
24" RCP, CL III	LF	366
36" RCP, CL III	LF	1292
42" RCP, CL III	LF	70
18" RCP Apron	EA	1
18" Unclassified Apron	EA	1
42" RCP Apron	EA	1
Subdrain, Perforated, 4"	LF	1934
Footing Drain Collector, 6"	LF	519
Footing Drain Cleanout, 6"	EA	3
Subdrain Outlets	EA	4
Storm Sewer Service Stub, PVC, 1.5"	EA	25
8" Water Main	LF	1268
12" Water Main	LF	360
8", 11.25 Degree MJ Bend	EA	6
8", 22.5 Degree MJ Bend	EA	5
12"x8" MJ Cross	EA	1
Water Service Stub, 1"	EA	25
Valve, MJ, Gate, 8"	EA	2
Valve, MJ, Gate, 12"	EA	2
Hydrant and Hydrant Run	EA	4
Remove and Relocate Temporary Hydrant and Hydrant Run	EA	1
Remove Temporary Hydrant and Hydrant Run	EA	2
Manhole, SW-301, 48"	EA	6
Manhole, SW-301, 48" (Storm)	EA	3
Manhole, SW-401, 60"	EA	1
Manhole, SW-401, 72"	EA	2
Manhole, SW-401, 84"	EA	1
Intake, SW-501	EA	5
Intake, SW-503	EA	8
Intake, SW-505	EA	1
Intake, SW-506	EA	1
30" PCC Curb and Gutter	LF	2950
Pavement, HMA, 8"	SY	2935

Pavement, HMA, 9.5"	SY	1300
Sidewalk PCC, 6"	SY	50
Detectible Warning	SF	90
Conventional Seeding, Fertilizing, and Mulching	AC	35
Filter Sock	LF	3500
Silt Fence-Install, Maint. & Removal	LF	3500
Stabilized Construction Entrance	EA	2
Rip Rap, Class D	TN	70
Erosion Control Mulching, Conventional	AC	35
Inlet Protection Device-Install, Maint. & Removal	EA	16