

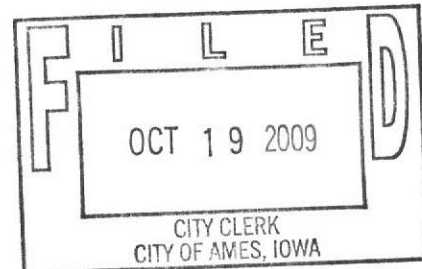


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Public Works Department
515 Clark Avenue, Ames, Iowa 50010
Phone 515-239-5160
Fax 515-239-5404

October 19, 1009

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



Ladies and Gentlemen:

I hereby certify that the utilities and asphalt base paving required as a condition for approval of the final plat of **Northridge Heights Subdivision, 12th Addition** have been completed in an acceptable manner by Halbrook Excavating and Manatt's. 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 released in full.

Sincerely,

John Joiner, P.E.
Public Works Director
City of Ames

JJ/ec

cc: Finance, Contractor, PW Admin Asst, Construction Supervisor, PW Senior Clerk,
Planning & Housing

| Description | Unit | Quantity |
|---|------|----------|
| Excavation and Embankment | CY | 139,800 |
| Silt Fence | LF | 2,500 |
| Inlet Protection | EA | 19 |
| Stabilized Construction Entrance | EA | 2 |
| Straw Mulch | ACRE | 45 |
| Seeding, Type (5) Stabilizing Crop | ACRE | 45 |
| 8-inch Sanitary Sewer | LF | 2,029 |
| 48-inch Dia. Sanitary Manhole (A) | EA | 9 |
| Sanitary Service | EA | 9 |
| 8-inch Water Main | LF | 887 |
| 8-inch 11.25 Degree M.J. Bend | EA | 2 |
| 8-inch 22.50 Degree M.J. Bend | EA | 1 |
| 8-inch 45 Degree M.J. Bend | EA | 2 |
| 8-inch M.J. Gate Valve | EA | 4 |
| 8"x8"x8" M.J. Tee | EA | 1 |
| 12"x12"x8" M.J. Tee | EA | 2 |
| 12-inch Water Main | LF | 1,108 |
| 12-inch M.J. Gate Valve | EA | 3 |
| Hydrant and Hydrant Run (includes 8"x8"x6" M.J. Tee, 6" M.J. Gate Valve, 6" Pipe and Hydrant) | EA | 3 |
| Hydrant and Hydrant Run (includes 12"x12"x6" M.J. Tee, 6" M.J. Gate Valve, 6" Pipe and Hydrant) | EA | 3 |
| Temporary Blowoff Hydrant (Remove and Reuse 12"x6" M.J. Reducer, 6" Pipe and Hydrant) | EA | 1 |
| Water Service | EA | 9 |
| 4-inch Perforated Subdrain (Pond) | LF | 1,932 |
| 15-inch RCP, Class III | LF | 662 |
| 18-inch RCP, Class III | LF | 127 |
| 18-inch RCP, Class III, Gasket Joints | LF | 69 |
| 18-inch RCP, Class III, (24-inch steel casing, tunneled-in-place) | LF | 129 |
| 24-inch RCP, Class III | LF | 559 |
| 30-inch RCP, Class III | LF | 569 |
| 36-inch RCP, Class III | LF | 160 |
| 18-inch F.E.S. | EA | 1 |
| 24-inch F.E.S. | EA | 1 |
| 30-inch F.E.S. | EA | 2 |
| 36-inch F.E.S. | EA | 1 |
| Storm Sewer Manhole (Sanitary Type A) | EA | 4 |
| Storm Sewer Manhole (M-A) | EA | 5 |
| Storm Sewer Manhole (M-C) | EA | 6 |
| Storm Sewer Manhole (M-D) | EA | 1 |
| Storm Sewer Manhole (M-E) | EA | 2 |
| Storm Sewer Manhole (M-G) | EA | 1 |

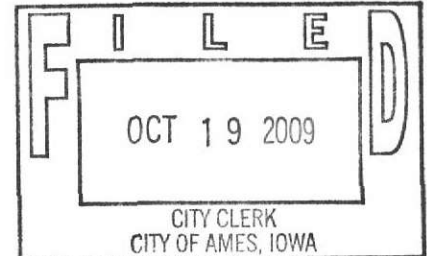
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|---------------------------------------|----|--------|
| Subdrain Outlet | EA | 10 |
| Subdrain Cleanout | EA | 4 |
| Subgrade Preparation | SY | 11,102 |
| 4-inch Perforated Subdrain (Pavement) | LF | 1,259 |
| Special Backfill | CY | 1,385 |
| Earth Filled Median | CY | 80 |
| 4-inch P.C.C. Median | SY | 317 |
| 30-inch P.C.C. Curb and Gutter | LF | 5,259 |
| 6-inch P.C.C. Pedestrian Ramp | SY | 43 |
| Detectable Warning Material | SF | 64 |
| 8-inch H.M.A. Pavement | SY | 1,601 |
| 9.5-inch H.M.A. Pavement | SY | 545 |
| 11-inch H.M.A. Pavement | SY | 6,055 |



Public Works Department
515 Clark Avenue, Ames, Iowa 50010
Phone 515-239-5160
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October 19, 2009

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



Ladies and Gentlemen:

I hereby certify that the utilities and asphalt base paving required as a condition for **Northridge Heights Subdivision, 12th Addition (Bloomington Road Widening)** have been completed in an acceptable manner by Halbrook Excavating and Manatt's. 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 released in full.

Sincerely,

John Joiner, P.E.
Public Works Director
City of Ames

JJ/ec

cc: Finance, Contractor, PW Admin Asst, Construction Supervisor, PW Senior Clerk,
Planning & Housing

| Description | Unit | Quantity |
|--|------|----------|
| Excavation and Embankment | CY | 5,100 |
| Silt Fence | LF | 2,000 |
| Inlet Protection | EA | 7 |
| Stabilized Construction Entrance | EA | 1 |
| Seeding, Type (1) Law Mix | ACRE | 2 |
| 12-inch Water Main | LF | 69 |
| 16"x12" Tapping Valve and Sleeve | EA | 1 |
| 12-inch M.J. Gate Valve | EA | 3 |
| Temporary Blowoff Hydrant (Remove and Reuse 12"x6" M.J. Reducer, 6" Pipe and Hydrant) | EA | 1 |
| Remove and Relocate Hydrant (6" Pipe, P.C.C. Reaction Block and Hydrant) | EA | 2 |
| 12-inch RCP, Class III | LF | 275 |
| 15-inch RCP, Class III | LF | 28 |
| 18-inch RCP, Class III | LF | 416 |
| 24-inch RCP, Class III | LF | 156 |
| 27-inch RCP, Class III | LF | 487 |
| 48-inch RCP, Class III | LF | 778 |
| 48" on 48" RCP Tee, Class III | EA | 1 |
| Storm Sewer Manhole (Sanitary Type A) | EA | 1 |
| Storm Sewer Manhole (60") | EA | 2 |
| Storm Sewer Manhole (84") | EA | 2 |
| Storm Sewer Intake (RA-40) | EA | 4 |
| Storm Sewer Manhole (M-D) | EA | 1 |
| Storm Sewer Manhole (M-E) | EA | 1 |
| RCP Area 18" Dia. With Type 3A Beehive Grate | EA | 1 |
| Traffic Control | LS | 1 |
| Pavement Removal | SY | 215 |
| Painted Pavement Markings Removal | STA | 26 |
| Painted Pavement Markings | STA | 61 |
| Painted Pavement Symbol | EA | 15 |
| Class 'A' Crushed Stone | TON | 16 |
| 4-inch Perforated Subdrain | LF | 1,197 |
| Subgrade Preparation | SY | 9,442 |
| Special Backfill | CY | 1,574 |
| 30-inch P.C.C. Curb and Gutter | LF | 4,999 |
| Earth Filled Median | CY | 474 |
| 4-inch P.C.C. Median | SY | 208 |
| 6-inch P.C.C. Pedestrian Ramp | SY | 61 |
| Detectable Warning Material | SF | 125 |
| H.M.A. Railroad Crossing Approach Section (RJ-1) | SY | 1,601 |
| 7-inch P.C.C. Driveway Pavement | SY | 52 |
| 10-inch H.M.A. Pavement | SY | 6,987 |