F9

City of Hiawatha

Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: **Mayor and City Council** **Date:** **August 30, 2016**

From: John C. Bender PE, City Engineer

Re: **Robins Road Flex Space-POS #1936 Parcel "A"**

Description: **Plan of improvements Final Acceptance**

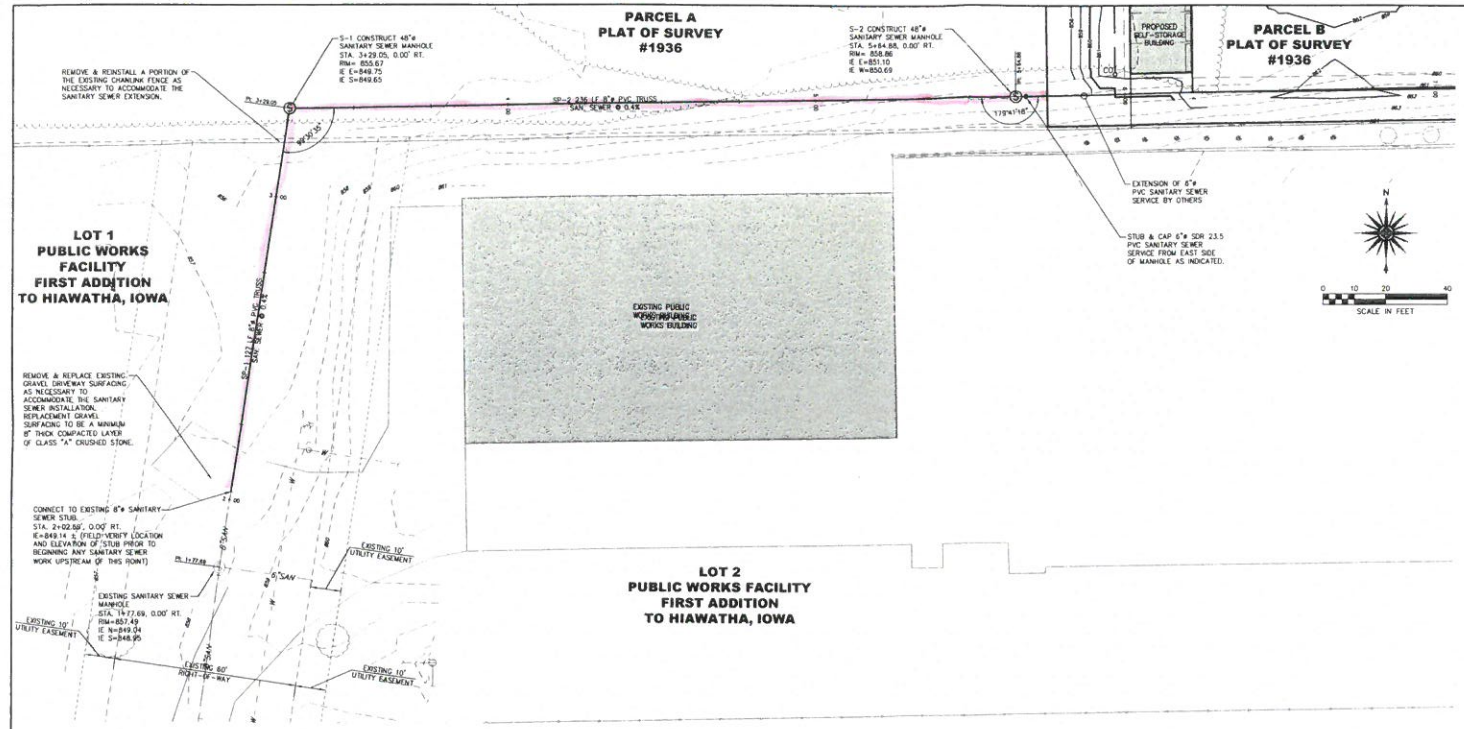
Report:

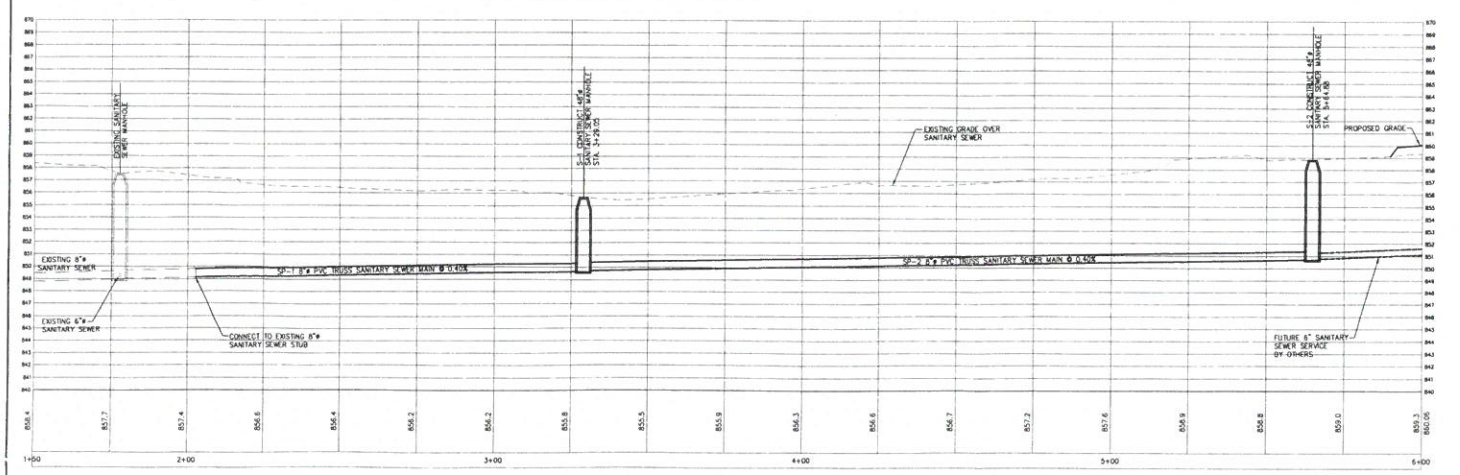
This is a sanitary sewer extension across POS #1936 Parcel "A" to serve Parcel "B". This public sewer is a joint project with the City and Compass Commercial Services and was authorize for construction under Resolution 15-226.

Engineering has performed construction observation and testing of the sanitary sewer improvements in the above plat. We have also reviewed the site grading along with the submitted maintenance bonds. Engineering feels the construction is in substantial compliance with the plans and specifications.

Engineering recommends City acceptance of these public improvements.

If you have any questions please let me know.





GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CEDAR RAPIDS METROPOLITAN AREA STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS AS APPROVED BY THE IOWA DEPARTMENT OF NATURAL RESOURCES.

2. THE LOCATIONS OF UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS PLOTTED ON THIS DRAWING ARE APPROXIMATE ONLY AND WERE OBTAINED FROM RECORDS MADE AVAILABLE TO SCHNOOR-BONIFAZI ENGINEERING & SURVEYING, LC. THERE MAY BE OTHER EXISTING UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS NOT KNOWN TO SCHNOOR-BONIFAZI ENGINEERING & SURVEYING, LC, AND NOT SHOWN ON THIS DRAWING. THE VERIFICATION OF THE EXISTENCE OF, AND THE DETERMINATION OF THE EXACT LOCATION OF, UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR(S).

3. NOTIFY UTILITY COMPANIES WHOSE FACILITIES ARE SHOWN ON THE PLANS OR KNOWN TO BE WITHIN CONSTRUCTION LIMITS OF THE SCHEDULE PRIOR TO EACH STAGE OF CONSTRUCTION.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION.

5. IOWA CODE 480, UNDERGROUND FACILITIES INFORMATION, REQUIRES VERBAL NOTICE TO IOWA ONE-CALL 1-800-292-8989, NOT LESS THAN 48 HOURS BEFORE EXCAVATING, EXCLUDING WEEKENDS AND HOLIDAYS.

6. NOTIFY THE APPROPRIATE GOVERNING AUTHORITY 48 - 72 HOURS PRIOR TO BEGINNING CONSTRUCTION OF THE PUBLIC SANITARY SEWER & STRUCTURES. THE CITY OF HIAWATHA SHALL BE THE PUBLIC AGENCY RESPONSIBLE FOR INSPECTION DURING CONSTRUCTION OF THE PUBLIC PORTIONS OF THE PROJECT.

7. NO WORK SHALL BE PERFORMED BEYOND THE PROJECT LIMITS WITHOUT PRIOR AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE.

8. ADJUST ALL VALVES, MANHOLES, CASTINGS, GAS VENTS, ETC., TO MATCH THE NEW SURFACE. ADJUSTMENT SHALL BE COORDINATED WITH THE UTILITY COMPANIES AND THE COST FOR ALL ADJUSTMENTS SHALL BE INCIDENTAL TO THE CONSTRUCTION. AT NO ADDITIONAL COST TO THE OWNER, REPAIR ANY DAMAGE TO SAID STRUCTURES AND APPURTENANCES THAT OCCUR DURING CONSTRUCTION.

9. REPLACE ANY PROPERTY MONUMENTS REMOVED OR DESTROYED BY CONSTRUCTION. MONUMENTS SHALL BE SET BY A LAND SURVEYOR REGISTERED TO PRACTICE IN THE STATE OF IOWA.

10. SANITARY SEWER MAIN SHALL BE INSTALLED WITH CLASS B BEDDING

11. SANITARY SEWER MAIN PIPE SHALL BE 8" DIAMETER POLYVINYL CHOURIDE (PVC) TRUSS PIPE.

12. SANITARY SEWER SERVICES SHALL BE 6" DIAMETER SDR 23.5 POLYVINYL CHOURIDE (PVC) PIPE MEETING THE REQUIREMENTS OF THE CEDAR RAPIDS METROPOLITAN AREA STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.

13. SANITARY SEWER PIPE TRENCHES MAY BE BACKFILLED WITH NATIVE EXCAVATED MATERIAL, IF SUITABLE. THE BACKFILL SHALL BE COMPACTED TO A MINIMUM 90 PERCENT OF STANDARD PROCTOR DENSITY (ASTM D698).

14. TOPSOIL WITHIN THE SANITARY SEWER TRENCH EXCAVATION ENVELOPE SHALL BE STRIPPED AND STOCKPILED. FOLLOWING COMPLETION OF BACKFILL, TOPSOIL IS TO BE RESPREAD.

15. ANY EXISTING DRAIN TILE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED PER CEDAR RAPIDS METRO SPECIFICATION SECTION 02600 PART 2.06.

16. ALL DISTURBED AREAS SHALL BE SEEDED, FERTILIZED AND MULCHED IN ACCORDANCE WITH THE CEDAR RAPIDS METROPOLITAN AREA STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS. USE TYPE 4 PERENNIAL GROUND COVER MIXTURE FOR PERMANENT SEEDING FOR DISTURBED NON-CULTIVATED AREAS.

THE LOCATION OF ALL UTILITIES INDICATED ON THE PLANS IS TAKEN FROM EXISTING PUBLIC RECORDS. THE EXACT LOCATION AND ELEVATION OF ALL PUBLIC UTILITIES MUST BE DETERMINED BY THE CONTRACTOR. IT SHALL BE THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLAN MAY BE PRESENT.

DRAWN BY: ETHAN SMALL
APPROVED BY: TRED SCHNOOR
DATE: 10/19/2015

REV NO.	REVISION DESCRIPTION	APPROVED	DATE

Hiawatha!

SCHNOOR-BONIFAZI
ENGINEERING & SURVEYING LC
431 5TH AVENUE SW
CEDAR RAPIDS, IA 52404
(319) 298-8660 (PHONE)

SANITARY SEWER EXTENSION TO PARCEL B PLAT OF SURVEY #1936

TITLE: **SANITARY SEWER EXTENSION PLAN & PROFILE**

SHEET NO: C1

DRAFT

Prepared by and return to: City of Hiawatha, Kelly Kornegor, City Clerk 101 Emmons St. Hiawatha, Iowa 52233 (319) 393-1515

Resolution No. 16-
City Council

RESOLUTION ACCEPTING IMPROVEMENT INSTALLATION FOR SANITARY SEWER EXTENSION TO THE PROPERTY LOCATED AT 1450 ROBINS ROAD PARCEL A, PLAT OF SURVEY #1936

WHEREAS, City Council passed Resolution #15-226 on November 4, 2105, granting permission for Contractor to proceed with installation of sewer extension improvements to provide sanitary sewer connection across Parcel A, Plat of Survey #1936, to the property located at 1450 Robins Road, and

WHEREAS, the City Engineer performed construction observation, testing and site grading, and determined the improvements for sanitary sewer extension to the property located at 1450 Robins Road to be in conformance to design standards of the City of Hiawatha, and

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, to accept the improvements including sewer extension across Parcel A, Plat of Survey #1936, to provide sanitary sewer connection to the property located at 1450 Robins Road.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 7th day of September, 2016.

_____
Bill Bennett, Mayor

ATTEST: _____
Kelly Kornegor, City Clerk

I, Kelly Kornegor, City Clerk of the City of Hiawatha, Iowa do hereby certify that the above and foregoing Resolution is a true and the correct copy of the Resolution as passed by the City Council of the City of Hiawatha, Iowa on the 7th day of September, 2016.

_____
Kelly Kornegor, City Clerk