

No Fee Sum

* Prepared by: Karen Squiers, Marshall County Auditor, Courthouse, Marshalltown, Iowa 50158 641/844-2710
Return Document to: Marshall County Board of Supervisors' Office

CERTIFICATE

MARSHALL COUNTY ORDINANCE # 28
SANITARY SEWER

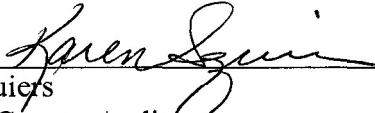
STATE OF IOWA)
) ss:
COUNTY OF MARSHALL)

I, Karen Squiers, County Auditor of said County do hereby certify that as
County Auditor, I have in my possession and under my control, the official proceedings
of the Marshall County Board of Supervisors, and that the paper to which this certificate
is attached is a true and correct extract of records pertaining thereto.

- A. Extract of Board of Supervisors' proceedings, Regular Session, November 20, 2007,
First Reading of Proposed Ordinance No. 28, Sanitary Sewer and Set Date for Public
Hearing.
- B. Affidavits of Publication, notice of public hearing, published November 29, 2007, in
the Marshalltown Times-Republican Newspaper, Marshalltown, Iowa and in the Mid
Iowa Enterprise Newspaper, State Center, Iowa.
- C. Extract of Board of Supervisors' proceedings, Regular Session, November 27, 2007,
Resolution-Second Reading, Proposed Ordinance No. 28, Sanitary Sewer.
- D. Extract of Board of Supervisors' proceedings, Regular Session, December 11, 2007,
Resolution-Third Reading of Proposed Ordinance No. 28, Sanitary Sewer and Public
Hearing.

- E. Affidavits of Publication, Adoption of Ordinance No. 28, Sanitary Sewer, published December 31st, 2007 in the Marshalltown Times-Republican Newspaper, Marshalltown, Iowa and December 27th, 2007 in the Mid Iowa Enterprise Newspaper, State Center, Iowa.

Dated at Marshalltown, Iowa this 4th day of February, 2008.



Karen Squiers
Marshall County Auditor

**Marshall County Board of Supervisors
Regular Session November 20, 2007, at 9:00 a.m.**

MINUTES

The Board met in regular session on Tuesday, November 20, 2007, at 9:00 a.m. in meeting rm. #2, 3rd Floor, Northeast corner of the courthouse. This replaces the November 13, 2007 regular session meeting due to scheduling conflicts with the board members. There were 3 members present.

* * *

**RESOLUTION -First Reading of Proposed Marshall County Ordinance No. 28,
Sanitary Sewer and Set Date and Time for Public Hearing—**

AN ORDINANCE REGULATING THE USE OF PUBLIC SEWER, BUILDING SEWERS AND BUILDING DRAINS, ONSITE SYSTEMS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF; IN THE PUBLIC SEWER SERVICE AREA, OWNED AND OPERATED BY MARSHALL COUNTY, IOWA, IN MARSHALL COUNTY, STATE OF IOWA.

Be it ordained and enacted by Board of Supervisors of Marshall County, State of Iowa as follows:

ARTICLE I

(Definitions)

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

Sec. 1. Marshall County, Iowa is the owner of the sewage works.

Sec. 2. "BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees C, expressed in milligrams per liter.

Sec. 3. "Building Drain" shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from sewage pipes inside the walls of the building and conveys it outside the walls of the building to the building sewer.

- Sec. 4. "Building Sewer" shall mean that part of the lowest horizontal pipe which begins outside of the wall of a building and connects the building drain with the public sewer or other disposal terminal.
- Sec.5. "Combined Sewer" shall mean a sewer receiving both surface runoff and sewage.
- Sec. 6. "Marshall County" shall mean Marshall County, Iowa or its authorized deputy, agent, or representative.
- Sec. 7. "Garbage" shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.
- Sec. 8. "Industrial Wastes" shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sewage.
- Sec. 9. "Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.
- Sec. 10. "Person" shall mean any individual, firm, company, association, society, corporation, tenant, property owner, or group.
- Sec. 11. "pH" shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.
- Sec. 12. "Private Sewer" shall mean a building sewer line.
- Sec. 13. "Properly Shredded Garbage" shall mean the wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch in any dimension.
- Sec. 14. "Public Sewer" shall mean the sewage works.
- Sec. 15. "Sanitary Sewer" shall mean a pipeline which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.
- Sec. 16. "Service Area" shall mean the portion of the unincorporated or incorporated area(s) in the County served by the public sewer owned and operated by Marshall County, Iowa.
- Sec. 17. "Sewage" shall mean a combination of the water-carried wastes such as residences, business buildings, institutions, and industrial establishments from toilets, sinks, kitchen, bath, shower, and laundry facilities.

- Sec. 18. "Sewage Treatment Plant" shall mean any arrangement of devices and structures used for treating sewage.
- Sec. 19. "Sewage Works" shall mean all facilities for collecting, pumping, treating, and disposing of sewage, including onsite systems owned and operated by Marshall County, Iowa.
- Sec. 20. "Sewer" shall mean a pipe or conduit for carrying sewage.
- Sec. 21. "Shall" is mandatory; "May" is permissive.
- Sec. 22. "Slug" shall mean any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.
- Sec. 23. "Storm Drain" (sometimes termed "storm sewer") shall mean a sewer which carries storm and surface waters and drainage, but excludes sewage and industrial wastes other than unpolluted cooling water.
- Sec. 24. "Superintendent" shall mean the authorized deputy, agent, or representative of Marshall County, Iowa.
- Sec. 25. "Suspended Solids" shall mean solids that either float on the surface of, or are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering.
- Sec. 26. "Watercourse" shall mean a channel in which a flow of water occurs, either continuously or intermittently.

ARTICLE II

Use of Public Sewers Required

- Sec. 1. It shall be unlawful for any person to place, deposit, or permit to be deposited any sewage in any unsanitary manner on public or private property within the Service Area or in any area under the jurisdiction of said County.
- Sec. 2. It shall be unlawful to discharge to any natural outlet within the Service Area any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.
- Sec. 3. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the

disposal of sewage in the Service Area other than the Public Sewer owned and operated by Marshall County, Iowa.

- Sec. 4. A Person that owns a house, building, or properties used for human occupancy, employment, recreation, or other purposes, situated within the Service Area and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sewer is hereby required to connect sewage facilities to the public sewer in accordance with the provisions of this ordinance, within sixty (60) days after date of official notice to do so.

ARTICLE III

Private Sewage Disposal

- Sec. 1. Where a public sewer is not available the building sewer shall be connected to a private sewage disposal system complying with the provisions of the County Board of Health.

ARTICLE IV

Building Sewers and Connections

Sec. 1. Specific Requirements:

- a. Rain Water Leaders: Roof leaders, surface drains, or ground water drains shall not be connected to the sanitary sewer.
- b. Connection to the Public Sewer. Before any connection is made to a public sewer, an approved permit for such connection must be obtained from the Marshall County Public Environmental Health Department.
- c. Water softener recharge water may not be connected to the building sewer.

- Sec. 2. Supervision. The Marshall County Buildings and Grounds Department shall supervise all building sewers, connections, and excavations for the purpose of installing or repairing the same.

Sec. 3. Specifications:

- a. Material: Building sewers shall be constructed of materials approved by the Marshall County Buildings and Grounds Department. (See Appendix A)

Sec. 4. Inspection. Each and every part of the building sewer shall be inspected and approved by the Marshall County Buildings and Grounds Department (or its designee) before being concealed or backfilled.

ARTICLE V

Use of Sanitary Sewers

Sec. 1. No Person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewer:

- a. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
- b. Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of two (2) mg/1 as CN in the wastes as discharged to the public sewer.
- c. Any waters or wastes having a pH lower than 5.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
- d. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, tar, feathers, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
- e. Any waters or wastes having (1) a 5-day biochemical oxygen demand greater than 300 parts per million by weight, or (2) containing more than 350 parts per million by weight of suspended solids, or (3) having an average daily flow greater than 10 percent of the average sewage flow of the service area, shall be subject to the review of the Marshall County Buildings and Grounds Department. Where necessary in the opinion of the Marshall County Buildings and Grounds Department, the Person shall provide, at his expense, such preliminary treatment as may be necessary to (1) reduce the biochemical oxygen demand to 300 parts per million by weight, or (2) reduce the suspended solids to 350 parts per million by weight, or (3) control the quantities and rates of discharge of such waters or wastes. Plans, specifications, and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the Marshall County Buildings and Grounds Department and no construction of such facilities shall be commenced until said approvals are obtained in writing.

Sec. 4. No Person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the Marshall County Buildings and Grounds Department that such wastes can harm either the sewers, sewage treatment process, or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the Marshall County Buildings and Grounds Department will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The substances prohibited are:

- a. Any liquid or vapor having a temperature higher than one hundred fifty (150) degrees F (65 degrees C).
- b. Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) degrees F (0 and 65 degrees C).
- c. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor greater than 1-horsepower, shall be subject to the review and approval of the Marshall County Buildings and Grounds Department.
- d. Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.
- e. Any waters or wastes containing iron, chromium, copper, zinc, and similar objectionable or toxic substances; or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the Marshall County Buildings and Grounds Department for such materials.
- f. Any waters or wastes containing phenols or other taste- or odor-producing substances, in such concentrations exceeding limits which may be established by the Marshall County Buildings and Grounds Department as necessary, after treatment of the composite sewage, to meet the requirements of the State, Federal, or other public agencies of jurisdiction for such discharge to the receiving waters.
- g. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Marshall County Buildings and Grounds Department in compliance with applicable State or Federal regulations.

- h. Any waters or wastes having a pH in excess of 9.5.
- i. Materials which exert or cause:
 - (1) Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).
 - (2) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
 - (3) Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works.
 - (4) Unusual volume of flow or concentration of wastes constituting "slugs" as defined herein.
- j. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

Sec. 5. If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 4 of this Article, and which in the judgment of the Marshall County Buildings and Grounds Department, may have a deleterious effect upon the sewage works, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Marshall County Buildings and Grounds Department may:

- a. Reject the wastes,
- b. Require pretreatment to an acceptable condition for discharge to the public sewers,
- c. Require control over the quantities and rates of discharge, and/or
- d. Require payment to cover the added cost of handling and treating the wastes not covered by the sewer charges.
- e. Other agreed upon method.

If the Marshall County Buildings and Grounds Department permits the pretreatment or equalization of waste flows, the design and installation Marshall County Buildings and Grounds Department of the plants and equipment shall be

subject to the review and approval of the Marshall County Buildings and Grounds Department, and subject to the requirements of all applicable codes, ordinances, and laws.

- Sec. 6. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Marshall County Buildings and Grounds Department, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Marshall County Buildings and Grounds Department, and shall be located as to be readily and easily accessible for cleaning and inspection.
- Sec. 7. Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, the Person controlling the preliminary treatment or flow-equalizing facility shall maintain it in continuous and satisfactory operation at the Person's expense.
- Sec. 8. When required by the Marshall County Buildings and Grounds Department, the Person of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the Marshall County Buildings and Grounds Department. The manhole shall be installed by the Person at their expense, and shall be maintained by the Person so as to be safe and accessible at all times.
- Sec. 9. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses are obtained from 24-hr. composites of all outfalls whereas pH's are determined from periodic grab samples.)
- Sec. 10. No statement contained in this article shall be construed as preventing any special agreement or arrangement between Marshall County Buildings and Grounds

Department and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Marshall County Buildings and Grounds Department for treatment, subject to payment therefore, by the industrial concern.

ARTICLE VI

Protection from Damage

- Sec. 1. No unauthorized Person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is a part of the sewage works. Any Person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

ARTICLE VII

Powers and Authority of Marshall County Buildings and Grounds Department

- Sec. 1. The Marshall County Buildings and Grounds Department bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this ordinance. The Marshall County Buildings and Grounds Department shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the public sewers or waterways.
- Sec. 2. While performing the necessary work on private properties referred to in Article V, the Marshall County Buildings and Grounds Department shall observe all safety rules applicable to the premises established by the Person and the Person shall be held harmless for injury or death to the Marshall County Buildings and Grounds Department. Marshall County, Iowa shall indemnify the Person against loss or damage to its property by the Marshall County Buildings and Grounds Department and against liability claims and demands for personal injury or property damage asserted against the Person and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the Person to maintain safe conditions as required in Article V.
- Sec. 3. The Marshall County Buildings and Grounds Department bearing proper credentials and identification shall be permitted to enter all private properties through which Marshall County, Iowa holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in

full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

ARTICLE VIII

Infractions

- Sec. 1. Any violation of this ordinance shall be a county infraction punishable by a civil penalty of not more than seven hundred fifty dollars (\$750) for the first infraction and a civil penalty of not more than one thousand dollars (\$1,000) for each repeat offense.
- Sec. 2. In addition to the civil penalty provided in Section 1 of this Article, the County may seek any relief available to it under Iowa Code to assure the abatement or correction of any violation of this ordinance.
- Sec. 3. Any Person or other entity violating any of the provisions of this ordinance shall become liable to the County for any expense, loss or damage occasioned the County by reason of such violation.

ARTICLE IX

Repealer

- Sec. 1. All ordinances or parts of ordinances in conflict herewith are hereby repealed.
- Sec. 2. The invalidity of any section, clause, sentence, or provision of this ordinance shall not affect the validity of any other part of this ordinance which can be given effect without such invalid part or parts.

ARTICLE X

Ordinance in Force

- Sec. 1. This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.
- Sec. 2. Passed and adopted by Marshall County, Iowa

Appendix A

Gravity Sewer Service Pipe

- A. Pipe:
 - 1. Solid wall polyvinyl chloride (PVC) pipe and fittings manufactured in accordance with ASTM D3034; minimum SDR: 23.5, unless shown otherwise on plans.
 - 2. Joints: Gasketed pipe joints meeting requirements of ASTM F477.
 - 3. Materials: PVC materials meeting or exceeding requirements of ASTM D1784, Cell Classification 12454B.
- B. Magnetic Tape: Minimum 2" wide tape designed for locating non-metallic pipe lines with magnetic locator: solid aluminum core with impervious plastic jacket.
 - 1. Legend: "Buried Sewer Pipe Below".
 - 2. Color: Orange.
- C. Flexible Couplings:
 - 1. Flexible couplings designed to connect spigot ends of similar or dissimilar pipe and provide positive seal against infiltration or exfiltration; Fernco Flexible Coupling's or equal.
 - 2. Flexible elastomeric PVC body conforming to applicable requirements of ASTM C443, C425, C564 and D1869; Series 300 Stainless Steel bonds and housings.
 - 3. Provide shear rings where shown on plans and designed to provide extra strength and rigidity to construction.
 - a. Series 300 Stainless Steel bonds, nuts and housing.

Sewer Pipe Installation

- A. Bed and install pipe as specified herein, as shown on Standard Drawings and in accordance with the following standard: Flexible Pipe, PVC and PVCC: ASTM D2321.
- B. Protect pipe and joints during handling against impact, shocks, freefall and gouging.
- C. Handle pipe so that no weight will bear on joints or attached coupling; do not allow damage to joint.
- D. Examine pipe for defects and specification compliance prior to lowering in trench; damaged or unsound pipe or pipes with defective joints will be rejected.
- E. Before laying pipe, verify all measurements at site; make necessary field measurements to accurately determine sewer make-up length.
- F. Place in trench in sound, undamaged condition.
- G. Make joints with equipment recommended by pipe manufacturer; do not use backhoe to push joints together.
 - 1. Clean joint contact surfaces immediately prior to jointing; use lubricants, primers, cement or adhesives as recommended by pipe joint manufacturer.
- H. Begin at lowest point in line; lay bell end upstream. (Spigot ends point in direction of flow).
- I. Provide smooth uniform invert; bear spigots against bell shoulder.

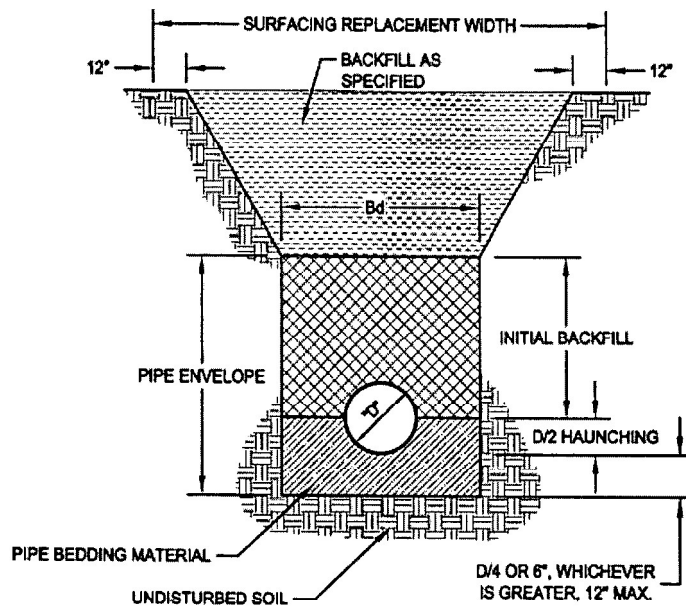
- J. Lay all pipe straight between changes in alignment and at uniform grade unless shown otherwise on plans.
- K. Avoid contact between pipe and compaction equipment; do not use compaction equipment directly above pipe to 1 foot over top of pipe.
- L. Line and Grade:
 - 1. Lay pipe to exact grade and line:
 - a. Minimum grade for service line shall be 2%, or as required by building code.
 - 2. Check line and grade for each pipe length.
- M. After each pipe has been brought to grade, aligned and placed in final position, deposit and shovel slice or spade bedding material under pipe haunches; bed wyes and tees to prevent shear loadings.

Service Connections

- A. Conform with details shown on Standard Drawing. (Appendix B-D)
- B. Install wyes; use standard tee and riser in lieu of wye where invert of sewer is 10' or more below ground surface.
- C. Place stopper in end of service pipe:
 - 1. Provide weathertight joint on stopper to match that on pipe spigot; block plug to undisturbed earth with 2" x 4" strut.
 - 2. Mark location of sewer service connection with magnetic tape; connect to end of service.
 - a. Install as recommended by manufacturer.
- D. Backfill trench after recording exact location of service connection.

Appendix B

Standard Trench Section

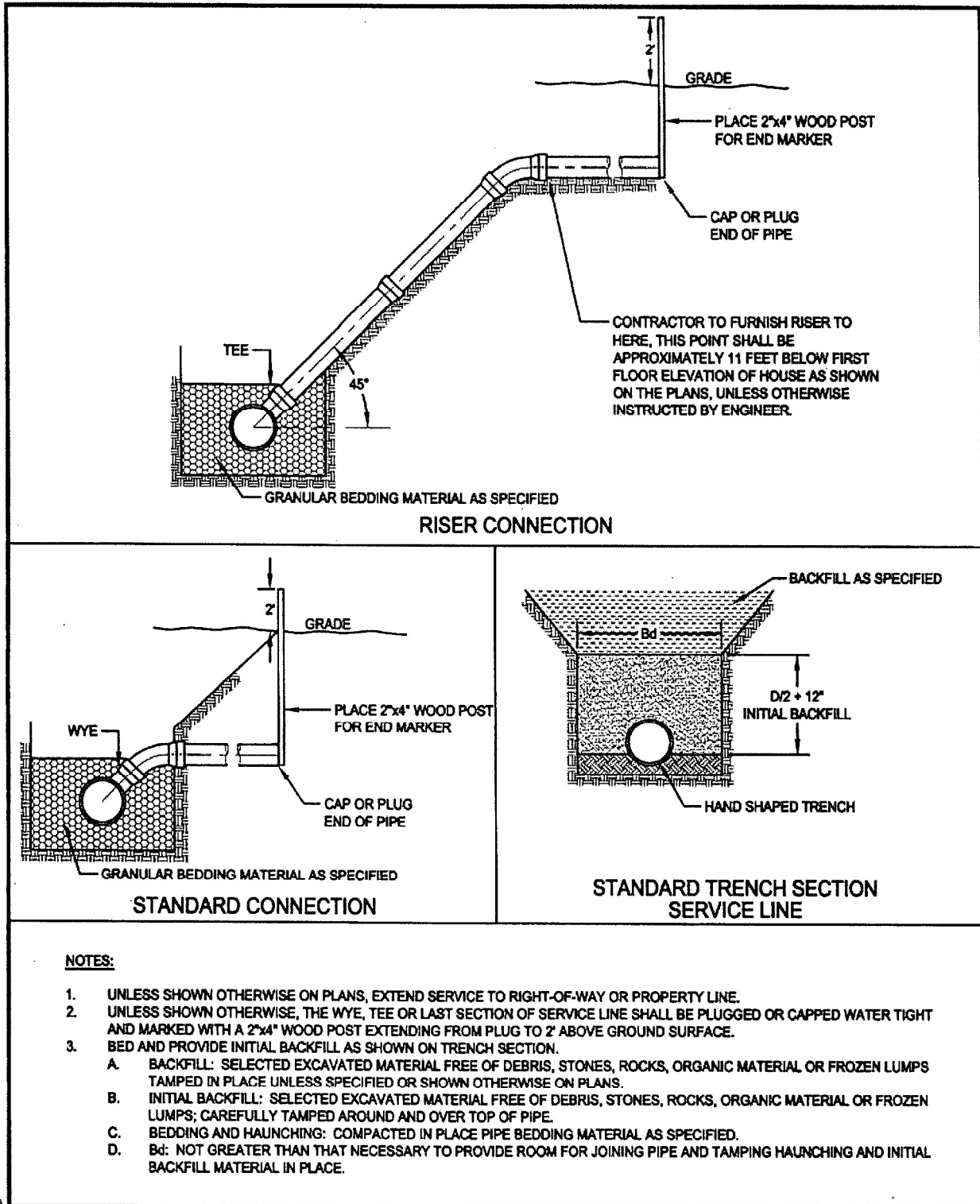


NOTES:

1. BACKFILL:
FINELY DIVIDED EXCAVATED MATERIAL FREE OF DEBRIS, STONES, ROCKS, ORGANIC MATERIAL, OR FROZEN LUMPS, UNLESS SPECIFIED OR SHOWN OTHERWISE ON PLANS.
2. INITIAL BACKFILL:
PIPE BEDDING MATERIAL AS SPECIFIED, COMPACTED IN PLACE.
3. HAUNCHING:
PIPE BEDDING MATERIAL AS SPECIFIED, COMPACTED IN PLACE.
4. BEDDING: PIPE BEDDING MATERIAL AS SPECIFIED.
5. Bd:
TRENCH WIDTH AT TOP OF PIPE AND EXTENDING FROM UNDISTURBED SOIL TO MINIMUM 12" OVER CROWN OF PIPE:
A. MINIMUM Bd: 18" PLUS PIPE O.D.
B. MAXIMUM Bd FOR PIPES 6" TO 24" DIAMETER: 24" PLUS PIPE O.D.
C. MAXIMUM Bd FOR PIPES LARGER THAN 24" DIAMETER: 30" PLUS PIPE O.D.
6. SUPPORT AND SLOPE TRENCH WALLS AS REQUIRED TO MEET OSHA SAFETY STANDARDS AND TO PREVENT CAVE-INS, SLIDING, OR ROLLOVERBACKS.

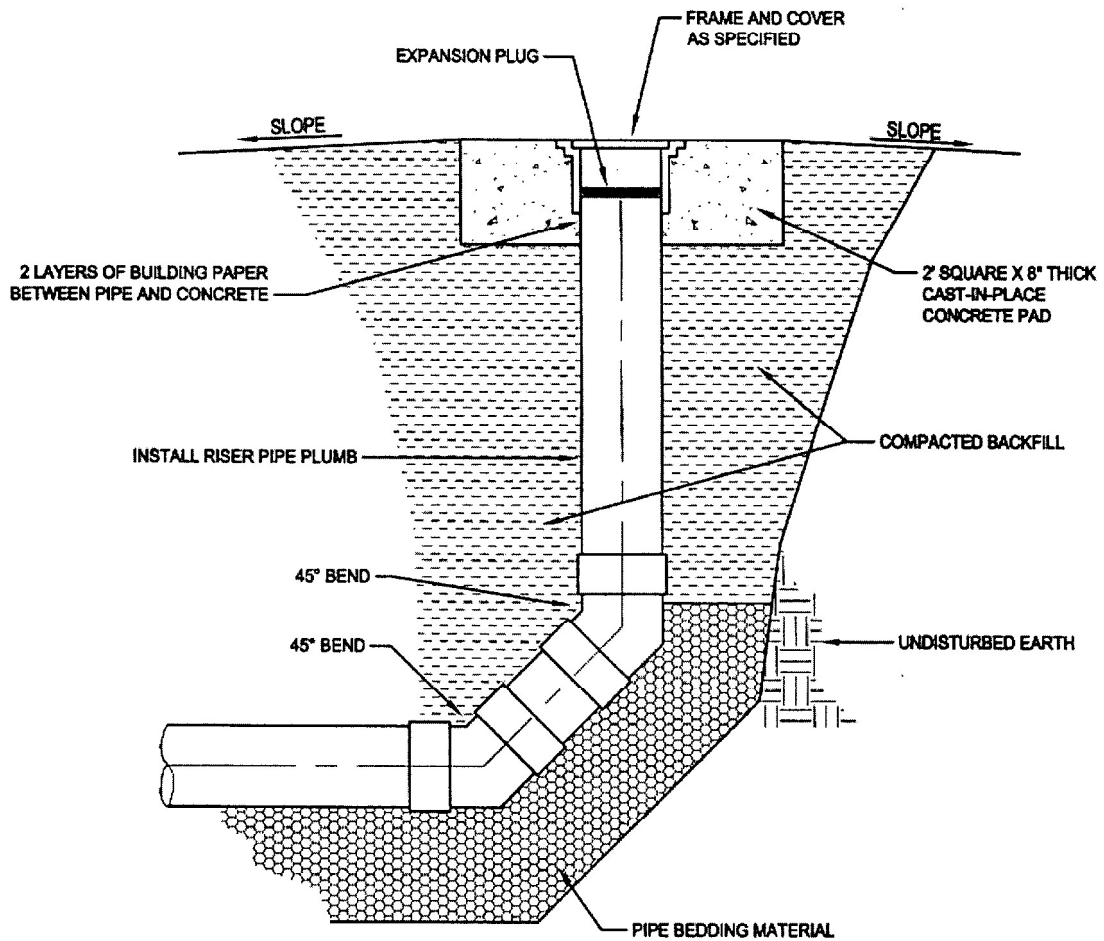
Appendix C

Sewer Service Connections



Appendix D

End of Line Cleanout



BE IT FURTHER RESOLVED, that such Ordinance shall not be effective until a public hearing is held at 9:00 a.m. on the 11th day of December, 2007, with a notice of public hearing published in the Marshalltown Times-Republican and the State Center Enterprise-Record at least four (4), but not more than twenty (20) days prior to the above date, and the Board adopts, by reference, the third reading of the proposed Sanitary Sewer Ordinance and it is published.

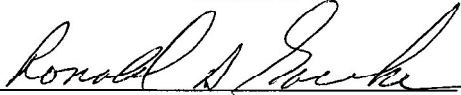
Dated at Marshalltown, Iowa this 20th day of November, 2007.

Motion by Johnson, second by Brooks, to adopt the first reading of the Ordinance and set the date for the public hearing at 9:00 a.m., on the 11th day of December, 2007.

Roll call vote: Brooks-Aye
Member

Goecke-Aye
Chairman

Johnson-Aye
Vice Chairman


Ronald D. Goecke
Board of Supervisors, Chairman

Attest:

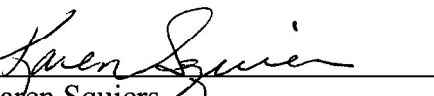

Karen Squiers
Marshall County Auditor

* * *

Adjournment--The next regular meeting is November 27th, 2007, at 9:00 a.m. All business to be acted upon at that session should be submitted to the County Auditor's Office or the Board of Supervisors' Office by November 21st, 2007, at 1:00 p.m. There being no further business to come before the Board, the meeting was adjourned at 9:48 a.m.


Ronald D. Goecke
Board of Supervisors, Chairman

Attest:


Karen Squiers
Marshall County Auditor

PROOF OF
PUBLICATION OF

Sewer Ordinance

STATE OF IOWA
MARSHALL COUNTY

John C. Strawn being first duty
sworn on his oath deposes
and states that he is the pub-
lisher of the

MID IOWA ENTERPRISE
a weekly newspaper of gen-
eral circulation, published
wholly in the English language
and printed and published in

STATE CENTER, IOWA
which is within the County of
Marshall, and State of Iowa;
and printed notice hereto
attached us a true copy of the

Notice

and was published in the regu-
lar edition of said newspaper
once each week on the same
day of the week, one publica-
tion thereof being had on each
of the following dates:

11-29-07

John C. Strawn

Publisher

Fees for publication \$ 10.46

PUBLIC NOTICE

Notice of Public Hearing - Proposed Marshall
County

Sanitary Sewer Ordinance #28

The Marshall County Board of Supervisors
will hold a public hearing, Tuesday, December
11, 2007, 9:00 a.m., Meeting Room #2, third
floor, Northeast corner of the Courthouse, to
hear comments on proposed Marshall County
Sanitary Sewer Ordinance No. 28.

Should the Board determine at the public
hearing that this proposed Ordinance #28 should
be adopted, Board approval on the proposed Or-
dinance will take place on December 11, 2007,
immediately following the public hearing.

Written or oral comments are welcome. Writ-
ten comments can be presented at the public
hearing, or sent to the Marshall County Board of
Supervisors, 1 East Main St., Courthouse, Mar-
shalltown, Iowa 50158.

Dated at Marshalltown, Iowa this 20th day of No-
vember, 2007.

Karen Squiors
Marshall County Auditor

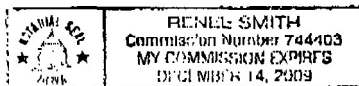
Sworn to before me and subscribed in my presence
by the said John C. Strawn II this 12 day of

December 2007

Renee Smith

Renee Smith Notary Public

Marshall County, Iowa



PUBLIC NOTICE

Notice of Public Hearing -
Proposed Marshall County Sanitary
Sewer Ordinance #28

The Marshall County Board of Supervisors will hold a public hearing, Tuesday, December 11, 2007, 9:00 a.m., Meeting Room #2, third floor, Northeast corner of the Courthouse, to hear comments on proposed Marshall County Sanitary Sewer Ordinance No. 28.

Should the Board determine at the public hearing that this proposed Ordinance #28 should be adopted, Board approval on the proposed Ordinance will take place on December 11, 2007, immediately following the public hearing.

Written or oral comments are welcome. Written comments can be presented at the public hearing, or sent to the Marshall County Board of Supervisors, 1 East Main St., Courthouse, Marshalltown, Iowa 50158

Dated at Marshalltown, Iowa this
20th day of November, 2007.

Karen Squiers
Marshall County Auditor

002674

Affidavit of Publication

STATE OF IOWA,
Marshall County, ss.

Public Notice, Proposed Marshall County Sanitary Sewer
Ordinance #28

I, Phyliss Troutner, being first duly sworn, on oath depose and say that Marshalltown Newspaper, Inc. is a corporation for pecuniary profit organization under the law of the State of Iowa, with its principal place of business in Marshalltown, Iowa; that the "Times-Republican" is a daily newspaper of general circulation printed wholly in the English language and published by said corporation at the city of Marshalltown, in Marshall County, Iowa; that I am the Office Manager of said corporation and a full time employee of the said newspaper, and have personal knowledge of the facts stated herein; that the Notice hereto attached in the above entitled action was published in the regular daily edition of the said "Times-Republican" once each week for:

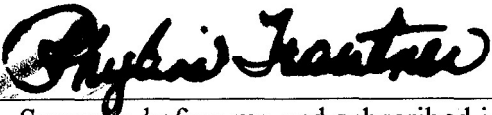
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consecutive weeks on the days and dates as follows, to-wit:

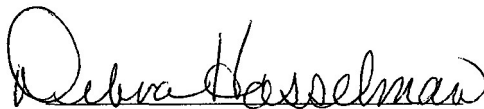
November 29, 2007

Statutory fees for publishing said notice are:

16.40



Sworn to before me and subscribed in my
presence by the said Phyliss Troutner this
Twenty-ninth day of November, 2007



Debra Hasselman, Notary Public

Marshall County, Iowa

Commission No. 738730

Commission Expires January 24, 2009

Account No. and Account Name

L15900

Marshall County Auditor



**Marshall County Board of Supervisors
Regular Session November 27, 2007, at 9:00 a.m.**

MINUTES

The Board met in regular session on Tuesday, November 27, 2007, at 9:00 a.m. in meeting rm #2, 3rd Floor, Northeast corner of the courthouse with 2 members present. Chairman Goecke was absent.

* * *

Resolution-Second Reading of Proposed Marshall County Ordinance No. 28-Sanitary Sewer—

AN ORDINANCE REGULATING THE USE OF PUBLIC SEWER, BUILDING SEWERS AND BUILDING DRAINS, ONSITE SYSTEMS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF; IN THE PUBLIC SEWER SERVICE AREA, OWNED AND OPERATED BY MARSHALL COUNTY, IOWA, IN MARSHALL COUNTY, STATE OF IOWA.

Be it ordained and enacted by Board of Supervisors of Marshall County, State of Iowa as follows:

ARTICLE I

(Definitions)

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

- Sec. 1. Marshall County, Iowa is the owner of the sewage works.
- Sec. 2. "BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees C, expressed in milligrams per liter.
- Sec. 3. "Building Drain" shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from sewage pipes inside the walls of the building and conveys it outside the walls of the building to the building sewer.

- Sec. 4. "Building Sewer" shall mean that part of the lowest horizontal pipe which begins outside of the wall of a building and connects the building drain with the public sewer or other disposal terminal.
- Sec. 5. "Combined Sewer" shall mean a sewer receiving both surface runoff and sewage.
- Sec. 6. "Marshall County" shall mean Marshall County, Iowa or its authorized deputy, agent, or representative.
- Sec. 7. "Garbage" shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.
- Sec. 8. "Industrial Wastes" shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sewage.
- Sec. 9. "Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.
- Sec. 10. "Person" shall mean any individual, firm, company, association, society, corporation, tenant, property owner, or group.
- Sec. 11. "pH" shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.
- Sec. 12. "Private Sewer" shall mean a building sewer line.
- Sec. 13. "Properly Shredded Garbage" shall mean the wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch in any dimension.
- Sec. 14. "Public Sewer" shall mean the sewage works.
- Sec. 15. "Sanitary Sewer" shall mean a pipeline which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.
- Sec. 16. "Service Area" shall mean the portion of the unincorporated or incorporated area(s) in the County served by the public sewer owned and operated by Marshall County, Iowa.
- Sec. 17. "Sewage" shall mean a combination of the water-carried wastes such as residences, business buildings, institutions, and industrial establishments from toilets, sinks, kitchen, bath, shower, and laundry facilities.

- Sec. 18. "Sewage Treatment Plant" shall mean any arrangement of devices and structures used for treating sewage.
- Sec. 19. "Sewage Works" shall mean all facilities for collecting, pumping, treating, and disposing of sewage, including onsite systems owned and operated by Marshall County, Iowa.
- Sec. 20. "Sewer" shall mean a pipe or conduit for carrying sewage.
- Sec. 21. "Shall" is mandatory; "May" is permissive.
- Sec. 22. "Slug" shall mean any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.
- Sec. 23. "Storm Drain" (sometimes termed "storm sewer") shall mean a sewer which carries storm and surface waters and drainage, but excludes sewage and industrial wastes other than unpolluted cooling water.
- Sec. 24. "Superintendent" shall mean the authorized deputy, agent, or representative of Marshall County, Iowa.
- Sec. 25. "Suspended Solids" shall mean solids that either float on the surface of, or are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering.
- Sec. 26. "Watercourse" shall mean a channel in which a flow of water occurs, either continuously or intermittently.

ARTICLE II

Use of Public Sewers Required

- Sec. 1. It shall be unlawful for any person to place, deposit, or permit to be deposited any sewage in any unsanitary manner on public or private property within the Service Area or in any area under the jurisdiction of said County.
- Sec. 2. It shall be unlawful to discharge to any natural outlet within the Service Area any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.
- Sec. 3. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the

disposal of sewage in the Service Area other than the Public Sewer owned and operated by Marshall County, Iowa.

- Sec. 4. A Person that owns a house, building, or properties used for human occupancy, employment, recreation, or other purposes, situated within the Service Area and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sewer is hereby required to connect sewage facilities to the public sewer in accordance with the provisions of this ordinance, within sixty (60) days after date of official notice to do so.

ARTICLE III

Private Sewage Disposal

- Sec. 1. Where a public sewer is not available the building sewer shall be connected to a private sewage disposal system complying with the provisions of the County Board of Health.

ARTICLE IV

Building Sewers and Connections

- Sec. 1. Specific Requirements:

- a. Rain Water Leaders: Roof leaders, surface drains, or ground water drains shall not be connected to the sanitary sewer.
- b. Connection to the Public Sewer. Before any connection is made to a public sewer, an approved permit for such connection must be obtained from the Marshall County Public Environmental Health Department.
- c. Water softener recharge water may not be connected to the building sewer.

- Sec. 2. Supervision. The Marshall County Buildings and Grounds Department shall supervise all building sewers, connections, and excavations for the purpose of installing or repairing the same.

- Sec. 3. Specifications:

- a. Material: Building sewers shall be constructed of materials approved by the Marshall County Buildings and Grounds Department. (See Appendix A)

Sec. 4. Inspection. Each and every part of the building sewer shall be inspected and approved by the Marshall County Buildings and Grounds Department (or its designee) before being concealed or backfilled.

ARTICLE V

Use of Sanitary Sewers

Sec. 1. No Person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewer:

- a. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
- b. Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of two (2) mg/l as CN in the wastes as discharged to the public sewer.
- c. Any waters or wastes having a pH lower than 5.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
- d. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, tar, feathers, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
- e. Any waters or wastes having (1) a 5-day biochemical oxygen demand greater than 300 parts per million by weight, or (2) containing more than 350 parts per million by weight of suspended solids, or (3) having an average daily flow greater than 10 percent of the average sewage flow of the service area, shall be subject to the review of the Marshall County Buildings and Grounds Department. Where necessary in the opinion of the Marshall County Buildings and Grounds Department, the Person shall provide, at his expense, such preliminary treatment as may be necessary to (1) reduce the biochemical oxygen demand to 300 parts per million by weight, or (2) reduce the suspended solids to 350 parts per million by weight, or (3) control the quantities and rates of discharge of such waters or wastes. Plans, specifications, and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the Marshall County Buildings and Grounds Department and no construction of such facilities shall be commenced until said approvals are obtained in writing.

Sec. 4. No Person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the Marshall County Buildings and Grounds Department that such wastes can harm either the sewers, sewage treatment process, or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the Marshall County Buildings and Grounds Department will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The substances prohibited are:

- a. Any liquid or vapor having a temperature higher than one hundred fifty (150) degrees F (65 degrees C).
- b. Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) degrees F (0 and 65 degrees C).
- c. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor greater than 1-horsepower, shall be subject to the review and approval of the Marshall County Buildings and Grounds Department.
- d. Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.
- e. Any waters or wastes containing iron, chromium, copper, zinc, and similar objectionable or toxic substances; or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the Marshall County Buildings and Grounds Department for such materials.
- f. Any waters or wastes containing phenols or other taste- or odor-producing substances, in such concentrations exceeding limits which may be established by the Marshall County Buildings and Grounds Department as necessary, after treatment of the composite sewage, to meet the requirements of the State, Federal, or other public agencies of jurisdiction for such discharge to the receiving waters.
- g. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Marshall County Buildings and Grounds Department in compliance with applicable State or Federal regulations.

- h. Any waters or wastes having a pH in excess of 9.5.
- i. Materials which exert or cause:
 - (1) Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).
 - (2) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
 - (3) Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works.
 - (4) Unusual volume of flow or concentration of wastes constituting "slugs" as defined herein.
- j. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

Sec. 5. If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 4 of this Article, and which in the judgment of the Marshall County Buildings and Grounds Department, may have a deleterious effect upon the sewage works, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Marshall County Buildings and Grounds Department may:

- a. Reject the wastes,
- b. Require pretreatment to an acceptable condition for discharge to the public sewers,
- c. Require control over the quantities and rates of discharge, and/or
- d. Require payment to cover the added cost of handling and treating the wastes not covered by the sewer charges.
- e. Other agreed upon method.

If the Marshall County Buildings and Grounds Department permits the pretreatment or equalization of waste flows, the design and installation Marshall County Buildings and Grounds Department of the plants and equipment shall be

subject to the review and approval of the Marshall County Buildings and Grounds Department, and subject to the requirements of all applicable codes, ordinances, and laws.

- Sec. 6. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Marshall County Buildings and Grounds Department, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Marshall County Buildings and Grounds Department, and shall be located as to be readily and easily accessible for cleaning and inspection.
- Sec. 7. Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, the Person controlling the preliminary treatment or flow-equalizing facility shall maintain it in continuous and satisfactory operation at the Person's expense.
- Sec. 8. When required by the Marshall County Buildings and Grounds Department, the Person of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the Marshall County Buildings and Grounds Department. The manhole shall be installed by the Person at their expense, and shall be maintained by the Person so as to be safe and accessible at all times.
- Sec. 9. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses are obtained from 24-hr. composites of all outfalls whereas H's are determined from periodic grab samples.)
- Sec. 10. No statement contained in this article shall be construed as preventing any special agreement or arrangement between Marshall County Buildings and Grounds

Department and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Marshall County Buildings and Grounds Department for treatment, subject to payment therefore, by the industrial concern.

ARTICLE VI

Protection from Damage

- Sec. 1. No unauthorized Person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is a part of the sewage works. Any Person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

ARTICLE VII

Powers and Authority of Marshall County Buildings and Grounds Department

- Sec. 1. The Marshall County Buildings and Grounds Department bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this ordinance. The Marshall County Buildings and Grounds Department shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the public sewers or waterways.
- Sec. 2. While performing the necessary work on private properties referred to in Article V, the Marshall County Buildings and Grounds Department shall observe all safety rules applicable to the premises established by the Person and the Person shall be held harmless for injury or death to the Marshall County Buildings and Grounds Department. Marshall County, Iowa shall indemnify the Person against loss or damage to its property by the Marshall County Buildings and Grounds Department and against liability claims and demands for personal injury or property damage asserted against the Person and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the Person to maintain safe conditions as required in Article V.
- Sec. 3. The Marshall County Buildings and Grounds Department bearing proper credentials and identification shall be permitted to enter all private properties through which Marshall County, Iowa holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in

full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

ARTICLE VIII

Infractions

- Sec. 1. Any violation of this ordinance shall be a county infraction punishable by a civil penalty of not more than seven hundred fifty dollars (\$750) for the first infraction and a civil penalty of not more than one thousand dollars (\$1,000) for each repeat offense.
- Sec. 2. In addition to the civil penalty provided in Section 1 of this Article, the County may seek any relief available to it under Iowa Code to assure the abatement or correction of any violation of this ordinance.
- Sec. 3. Any Person or other entity violating any of the provisions of this ordinance shall become liable to the County for any expense, loss or damage occasioned the County by reason of such violation.

ARTICLE IX

Repealer

- Sec. 1. All ordinances or parts of ordinances in conflict herewith are hereby repealed.
- Sec. 2. The invalidity of any section, clause, sentence, or provision of this ordinance shall not affect the validity of any other part of this ordinance which can be given effect without such invalid part or parts.

ARTICLE X

Ordinance in Force

- Sec. 1. This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.
- Sec. 2. Passed and adopted by Marshall County, Iowa

Appendix A

Gravity Sewer Service Pipe

- A. Pipe:
 - 1. Solid wall polyvinyl chloride (PVC) pipe and fittings manufactured in accordance with ASTM D3034; minimum SDR: 23.5, unless shown otherwise on plans.
 - 2. Joints: Gasketed pipe joints meeting requirements of ASTM F477.
 - 3. Materials: PVC materials meeting or exceeding requirements of ASTM D1784, Cell Classification 12454B.
- B. Magnetic Tape: Minimum 2" wide tape designed for locating non-metallic pipe lines with magnetic locator: solid aluminum core with impervious plastic jacket.
 - 1. Legend: "Buried Sewer Pipe Below".
 - 2. Color: Orange.
- C. Flexible Couplings:
 - 1. Flexible couplings designed to connect spigot ends of similar or dissimilar pipe and provide positive seal against infiltration or exfiltration; Fernco Flexible Coupling's or equal.
 - 2. Flexible elastomeric PVC body conforming to applicable requirements of ASTM C443, C425, C564 and D1869; Series 300 Stainless Steel bonds and housings.
 - 3. Provide shear rings where shown on plans and designed to provide extra strength and rigidity to construction.
 - a. Series 300 Stainless Steel bonds, nuts and housing.

Sewer Pipe Installation

- A. Bed and install pipe as specified herein, as shown on Standard Drawings and in accordance with the following standard: Flexible Pipe, PVC and PVCC: ASTM D2321.
- B. Protect pipe and joints during handling against impact, shocks, freefall and gouging.
- C. Handle pipe so that no weight will bear on joints or attached coupling; do not allow damage to joint.
- D. Examine pipe for defects and specification compliance prior to lowering in trench; damaged or unsound pipe or pipes with defective joints will be rejected.
- E. Before laying pipe, verify all measurements at site; make necessary field measurements to accurately determine sewer make-up length.
- F. Place in trench in sound, undamaged condition.
- G. Make joints with equipment recommended by pipe manufacturer; do not use backhoe to push joints together.
 - 1. Clean joint contact surfaces immediately prior to jointing; use lubricants, primers, cement or adhesives as recommended by pipe joint manufacturer.

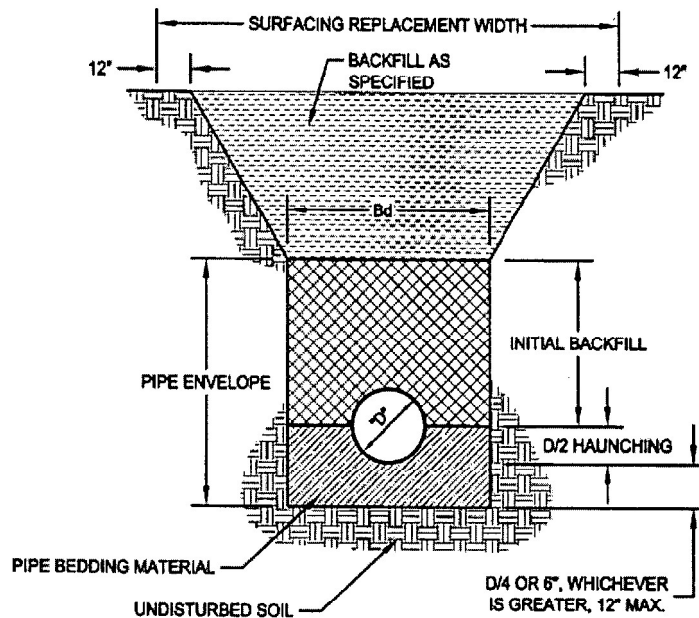
- H. Begin at lowest point in line; lay bell end upstream. (Spigot ends point in direction of flow).
- I. Provide smooth uniform invert; bear spigots against bell shoulder.
- J. Lay all pipe straight between changes in alignment and at uniform grade unless shown otherwise on plans.
- K. Avoid contact between pipe and compaction equipment; do not use compaction equipment directly above pipe to 1 foot over top of pipe.
- L. Line and Grade:
 - 1. Lay pipe to exact grade and line:
 - a. Minimum grade for service line shall be 2%, or as required by building code.
 - 2. Check line and grade for each pipe length.
- M. After each pipe has been brought to grade, aligned and placed in final position, deposit and shovel slice or spade bedding material under pipe haunches; bed wyes and tees to prevent shear loadings.

Service Connections

- A. Conform with details shown on Standard Drawing. (Appendix B-D)
- B. Install wyes; use standard tee and riser in lieu of wye where invert of sewer is 10' or more below ground surface.
- C. Place stopper in end of service pipe:
 - 1. Provide weathertight joint on stopper to match that on pipe spigot; block plug to undisturbed earth with 2" x 4" strut.
 - 2. Mark location of sewer service connection with magnetic tape; connect to end of service.
 - a. Install as recommended by manufacturer.
- D. Backfill trench after recording exact location of service connection.

Appendix B

Standard Trench Section

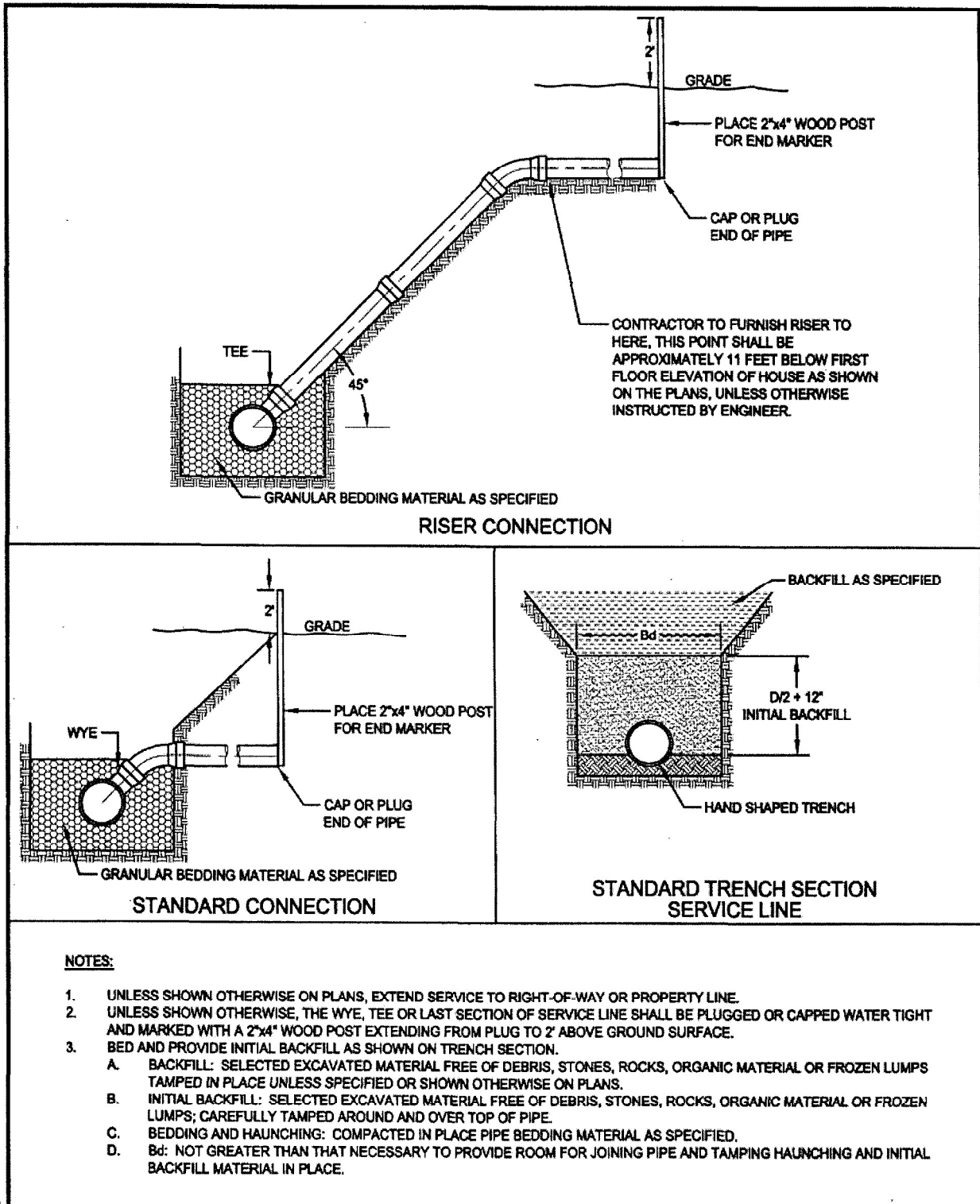


NOTES:

1. **BACKFILL:**
FINELY DIVIDED EXCAVATED MATERIAL FREE OF DEBRIS, STONES, ROCKS, ORGANIC MATERIAL, OR FROZEN LUMPS, UNLESS SPECIFIED OR SHOWN OTHERWISE ON PLANS.
2. **INITIAL BACKFILL:**
PIPE BEDDING MATERIAL AS SPECIFIED, COMPACTED IN PLACE.
3. **HAUNCHING:**
PIPE BEDDING MATERIAL AS SPECIFIED, COMPACTED IN PLACE.
4. **BEDDING:** PIPE BEDDING MATERIAL AS SPECIFIED.
5. **Bd:**
TRENCH WIDTH AT TOP OF PIPE AND EXTENDING FROM UNDISTURBED SOIL TO MINIMUM 12" OVER CROWN OF PIPE:
A. MINIMUM Bd: 18" PLUS PIPE O.D.
B. MAXIMUM Bd FOR PIPES 6" TO 24" DIAMETER: 24" PLUS PIPE O.D.
C. MAXIMUM Bd FOR PIPES LARGER THAN 24" DIAMETER: 30" PLUS PIPE O.D.
6. **SUPPORT AND SLOPE TRENCH WALLS AS REQUIRED TO MEET OSHA SAFETY STANDARDS AND TO PREVENT CAVE-INS, SLIDING, OR ROLLOVERBACKS.**

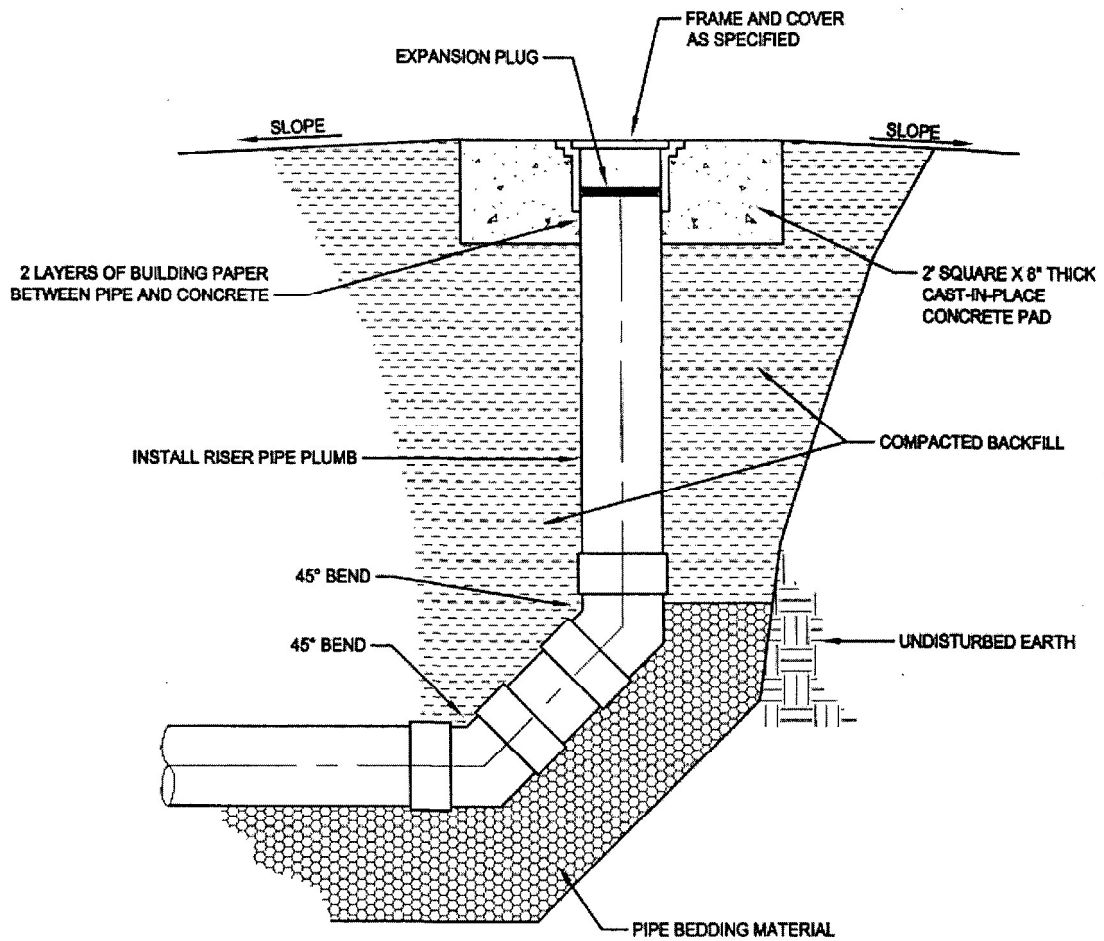
Appendix C

Sewer Service Connections



Appendix D

End of Line Cleanout



BE IT FURTHER RESOLVED, that such Ordinance shall not be effective until a public hearing is held at 9:00 a.m. on the 11th day of December, 2007, and the Board adopts the third reading of the proposed Sanitary Sewer Ordinance and Ordinance is published. Notice of the public hearing will be published in the Marshalltown Times-Republican and the State Center Enterprise-Record on November 29, 2007.

Dated at Marshalltown, Iowa this 27th day of November, 2007.

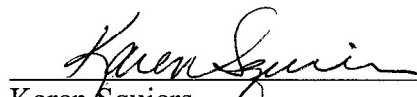
Motion by Brooks, second by Johnson, to approve the second reading of the proposed Marshall County Ordinance #28-Sanitary Sewer.

Roll call vote:	Goecke-Absent	Johnson-Aye	Brooks-Aye
	Chairman	Vice Chairman	Member



Gordie Johnson
Board of Supervisors, Vice Chairman

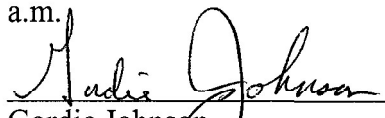
Attest:



Karen Squiers
Marshall County Auditor

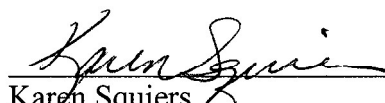
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Adjournment--The next regular meeting is December 11th, 2007, at 9:00 a.m. All business to be acted upon at that session should be submitted to the County Auditor's Office or the Board of Supervisors' Office by December 6th, 2007, at 1:00 p.m. There being no further business to come before the Board, the meeting was adjourned at 9:15 a.m.



Gordie Johnson
Board of Supervisors, Vice Chairman

Attest:



Karen Squiers
Marshall County Auditor

**Marshall County Board of Supervisors
Regular Session December 11, 2007, at 9:00 a.m.**

MINUTES

The Board met in regular session on Tuesday, December 11, 2007, at 9:04 a.m. in meeting rm #2, 3rd Floor, Northeast corner of the courthouse with 3 members present.

* * *

Proposed Marshall County Ordinance No. 28-Sanitary Sewer, Public Hearing--

At the public hearing, any resident may present objections to or arguments in favor of any part of the Ordinance concerning proposed Marshall County Ordinance No. 28-Sanitary Sewer.

There were no written comments, questions, or objections on file in the County Auditor's Office on the proposed Ordinance concerning Marshall County Sanitary Sewers. Of the 6 individuals attending the public hearing, 1 individual presented oral comments, questions, or objections. Motion by Brooks, second by Johnson, to close the public hearing.

Roll call vote:	Johnson -Aye	Brooks-Aye	Goecke-Aye
	Vice Chairman	Member	Chairman

Third Reading-Proposed Marshall County Ordinance No. 28, Sanitary Sewer --

AN ORDINANCE REGULATING THE USE OF PUBLIC SEWER, BUILDING SEWERS AND BUILDING DRAINS, ONSITE SYSTEMS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF; IN THE PUBLIC SEWER SERVICE AREA, OWNED AND OPERATED BY MARSHALL COUNTY, IOWA, IN MARSHALL COUNTY, STATE OF IOWA.

BE IT ORDAINED AND ENACTED, by Board of Supervisors of Marshall County, State of Iowa as follows:

ARTICLE I

(Definitions)

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

Sec. 1. Marshall County, Iowa is the owner of the sewage works.

- Sec. 2. "BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 degrees C, expressed in milligrams per liter.
- Sec. 3. "Building Drain" shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from sewage pipes inside the walls of the building and conveys it outside the walls of the building to the building sewer.
- Sec. 4. "Building Sewer" shall mean that part of the lowest horizontal pipe which begins outside of the wall of a building and connects the building drain with the public sewer or other disposal terminal.
- Sec. 5. "Combined Sewer" shall mean a sewer receiving both surface runoff and sewage.
- Sec. 6. "Marshall County" shall mean Marshall County, Iowa or its authorized deputy, agent, or representative.
- Sec. 7. "Garbage" shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.
- Sec. 8. "Industrial Wastes" shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sewage.
- Sec. 9. "Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.
- Sec. 10. "Person" shall mean any individual, firm, company, association, society, corporation, tenant, property owner, or group.
- Sec. 11. "pH" shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.
- Sec. 12. "Private Sewer" shall mean a building sewer line.
- Sec. 13. "Properly Shredded Garbage" shall mean the wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch in any dimension.
- Sec. 14. "Public Sewer" shall mean the sewage works.

- Sec. 15. "Sanitary Sewer" shall mean a pipeline which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.
- Sec. 16. "Service Area" shall mean the portion of the unincorporated or incorporated area(s) in the County served by the public sewer owned and operated by Marshall County, Iowa.
- Sec. 17. "Sewage" shall mean a combination of the water-carried wastes such as residences, business buildings, institutions, and industrial establishments from toilets, sinks, kitchen, bath, shower, and laundry facilities.
- Sec. 18. "Sewage Treatment Plant" shall mean any arrangement of devices and structures used for treating sewage.
- Sec. 19. "Sewage Works" shall mean all facilities for collecting, pumping, treating, and disposing of sewage, including onsite systems owned and operated by Marshall County, Iowa.
- Sec. 20. "Sewer" shall mean a pipe or conduit for carrying sewage.
- Sec. 21. "Shall" is mandatory; "May" is permissive.
- Sec. 22. "Slug" shall mean any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration or flows during normal operation.
- Sec. 23. "Storm Drain" (sometimes termed "storm sewer") shall mean a sewer which carries storm and surface waters and drainage, but excludes sewage and industrial wastes other than unpolluted cooling water.
- Sec. 24. "Superintendent" shall mean the authorized deputy, agent, or representative of Marshall County, Iowa.
- Sec. 25. "Suspended Solids" shall mean solids that either float on the surface of, or are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering.
- Sec. 26. "Watercourse" shall mean a channel in which a flow of water occurs, either continuously or intermittently.

ARTICLE II

Use of Public Sewers Required

- Sec. 1. It shall be unlawful for any person to place, deposit, or permit to be deposited any sewage in any unsanitary manner on public or private property within the Service Area or in any area under the jurisdiction of said County.
- Sec. 2. It shall be unlawful to discharge to any natural outlet within the Service Area any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.
- Sec. 3. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage in the Service Area other than the Public Sewer owned and operated by Marshall County, Iowa.
- Sec. 4. A Person that owns a house, building, or properties used for human occupancy, employment, recreation, or other purposes, situated within the Service Area and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sewer is hereby required to connect sewage facilities to the public sewer in accordance with the provisions of this ordinance, within sixty (60) days after date of official notice to do so.

ARTICLE III

Private Sewage Disposal

- Sec. 1. Where a public sewer is not available the building sewer shall be connected to a private sewage disposal system complying with the provisions of the County Board of Health.

ARTICLE IV

Building Sewers and Connections

- Sec. 1. Specific Requirements:
- a. Rain Water Leaders: Roof leaders, surface drains, or ground water drains shall not be connected to the sanitary sewer.
 - b. Connection to the Public Sewer. Before any connection is made to a public sewer, an approved permit for such connection must be obtained from the Marshall County Public Environmental Health Department.
 - c. Water softener recharge water may not be connected to the building sewer.

Sec. 2. Supervision. The Marshall County Buildings and Grounds Department shall supervise all building sewers, connections, and excavations for the purpose of installing or repairing the same.

Sec. 3. Specifications:

- a. Material: Building sewers shall be constructed of materials approved by the Marshall County Buildings and Grounds Department. (See Appendix A)

Sec. 4. Inspection. Each and every part of the building sewer shall be inspected and approved by the Marshall County Buildings and Grounds Department (or its designee) before being concealed or backfilled.

ARTICLE V

Use of Sanitary Sewers

Sec. 1. No Person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewer:

- a. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.
- b. Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of two (2) mg/l as CN in the wastes as discharged to the public sewer.
- c. Any waters or wastes having a pH lower than 5.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.
- d. Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, tar, feathers, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.
- e. Any waters or wastes having (1) a 5-day biochemical oxygen demand greater than 300 parts per million by weight, or (2) containing more than 350 parts per million by weight of suspended solids, or (3) having an average daily flow greater than 10 percent of the average sewage flow of the service area, shall be subject to the review of the Marshall County Buildings and Grounds Department. Where

necessary in the opinion of the Marshall County Buildings and Grounds Department, the Person shall provide, at his expense, such preliminary treatment as may be necessary to (1) reduce the biochemical oxygen demand to 300 parts per million by weight, or (2) reduce the suspended solids to 350 parts per million by weight, or (3) control the quantities and rates of discharge of such waters or wastes. Plans, specifications, and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the Marshall County Buildings and Grounds Department and no construction of such facilities shall be commenced until said approvals are obtained in writing.

Sec. 4. No Person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the Marshall County Buildings and Grounds Department that such wastes can harm either the sewers, sewage treatment process, or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the Marshall County Buildings and Grounds Department will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The substances prohibited are:

- a. Any liquid or vapor having a temperature higher than one hundred fifty (150) degrees F (65 degrees C).
- b. Any water or waste containing fats, wax, grease, or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) degrees F (0 and 65 degrees C).
- c. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor greater than 1-horsepower, shall be subject to the review and approval of the Marshall County Buildings and Grounds Department.
- d. Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.
- e. Any waters or wastes containing iron, chromium, copper, zinc, and similar objectionable or toxic substances; or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the Marshall County Buildings and Grounds Department for such materials.

- f. Any waters or wastes containing phenols or other taste- or odor-producing substances, in such concentrations exceeding limits which may be established by the Marshall County Buildings and Grounds Department as necessary, after treatment of the composite sewage, to meet the requirements of the State, Federal, or other public agencies of jurisdiction for such discharge to the receiving waters.
- g. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Marshall County Buildings and Grounds Department in compliance with applicable State or Federal regulations.
- h. Any waters or wastes having a pH in excess of 9.5.
- i. Materials which exert or cause:
 - (1) Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).
 - (2) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
 - (3) Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works.
 - (4) Unusual volume of flow or concentration of wastes constituting "slugs" as defined herein.
- j. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

Sec. 5. If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in Section 4 of this Article, and which in the judgment of the Marshall County Buildings and Grounds Department, may have a deleterious effect upon the sewage works, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Marshall County Buildings and Grounds Department may:

- a. Reject the wastes,
- b. Require pretreatment to an acceptable condition for discharge to the public sewers,

- c. Require control over the quantities and rates of discharge, and/or
- d. Require payment to cover the added cost of handling and treating the wastes not covered by the sewer charges.
- e. Other agreed upon method.

If the Marshall County Buildings and Grounds Department permits the pretreatment or equalization of waste flows, the design and installation Marshall County Buildings and Grounds Department of the plants and equipment shall be subject to the review and approval of the Marshall County Buildings and Grounds Department, and subject to the requirements of all applicable codes, ordinances, and laws.

- Sec. 6. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Marshall County Buildings and Grounds Department, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Marshall County Buildings and Grounds Department, and shall be located as to be readily and easily accessible for cleaning and inspection.
- Sec. 7. Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, the Person controlling the preliminary treatment or flow-equalizing facility shall maintain it in continuous and satisfactory operation at the Person's expense.
- Sec. 8. When required by the Marshall County Buildings and Grounds Department, the Person of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the Marshall County Buildings and Grounds Department. The manhole shall be installed by the Person at their expense, and shall be maintained by the Person so as to be safe and accessible at all times.
- Sec. 9. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall

be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses are obtained from 24-hr. composites of all outfalls whereas pH's are determined from periodic grab samples.)

- Sec. 10. No statement contained in this article shall be construed as preventing any special agreement or arrangement between Marshall County Buildings and Grounds Department and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Marshall County Buildings and Grounds Department for treatment, subject to payment therefore, by the industrial concern.

ARTICLE VI

Protection from Damage

- Sec. 1. No unauthorized Person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is a part of the sewage works. Any Person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

ARTICLE VII

Powers and Authority of Marshall County Buildings and Grounds Department

- Sec. 1. The Marshall County Buildings and Grounds Department bearing proper credentials and identification shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this ordinance. The Marshall County Buildings and Grounds Department shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the public sewers or waterways.
- Sec. 2. While performing the necessary work on private properties referred to in Article V, the Marshall County Buildings and Grounds Department shall observe all safety rules applicable to the premises established by the Person and the Person shall be held harmless for injury or death to the Marshall County Buildings and Grounds Department. Marshall County, Iowa shall indemnify the Person against loss or damage to its property by the Marshall County Buildings and Grounds Department and against liability claims and demands for personal injury or property damage

asserted against the Person and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the Person to maintain safe conditions as required in Article V.

- Sec. 3. The Marshall County Buildings and Grounds Department bearing proper credentials and identification shall be permitted to enter all private properties through which Marshall County, Iowa holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

ARTICLE VIII

Infractions

- Sec. 1. Any violation of this ordinance shall be a county infraction punishable by a civil penalty of not more than seven hundred fifty dollars (\$750) for the first infraction and a civil penalty of not more than one thousand dollars (\$1,000) for each repeat offense.
- Sec. 2. In addition to the civil penalty provided in Section 1 of this Article, the County may seek any relief available to it under Iowa Code to assure the abatement or correction of any violation of this ordinance.
- Sec. 3. Any Person or other entity violating any of the provisions of this ordinance shall become liable to the County for any expense, loss or damage occasioned the County by reason of such violation.

ARTICLE IX

Repealer

- Sec. 1. All ordinances or parts of ordinances in conflict herewith are hereby repealed.
- Sec. 2. The invalidity of any section, clause, sentence, or provision of this ordinance shall not affect the validity of any other part of this ordinance which can be given effect without such invalid part or parts.

ARTICLE X

Ordinance in Force

Sec. 1. This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.

Sec. 2. Passed and adopted by Marshall County, Iowa

Appendix A

Gravity Sewer Service Pipe

- A. Pipe:
 - 1. Solid wall polyvinyl chloride (PVC) pipe and fittings manufactured in accordance with ASTM D3034; minimum SDR: 23.5, unless shown otherwise on plans.
 - 2. Joints: Gasketed pipe joints meeting requirements of ASTM F477.
 - 3. Materials: PVC materials meeting or exceeding requirements of ASTM D1784, Cell Classification 12454B.
- B. Magnetic Tape: Minimum 2" wide tape designed for locating non-metallic pipe lines with magnetic locator: solid aluminum core with impervious plastic jacket.
 - 1. Legend: "Buried Sewer Pipe Below".
 - 2. Color: Orange.
- C. Flexible Couplings:
 - 1. Flexible couplings designed to connect spigot ends of similar or dissimilar pipe and provide positive seal against infiltration or exfiltration; Fernco Flexible Coupling's or equal.
 - 2. Flexible elastomeric PVC body conforming to applicable requirements of ASTM C443, C425, C564 and D1869; Series 300 Stainless Steel bonds and housings.
 - 3. Provide shear rings where shown on plans and designed to provide extra strength and rigidity to construction.
 - a. Series 300 Stainless Steel bonds, nuts and housing.

Sewer Pipe Installation

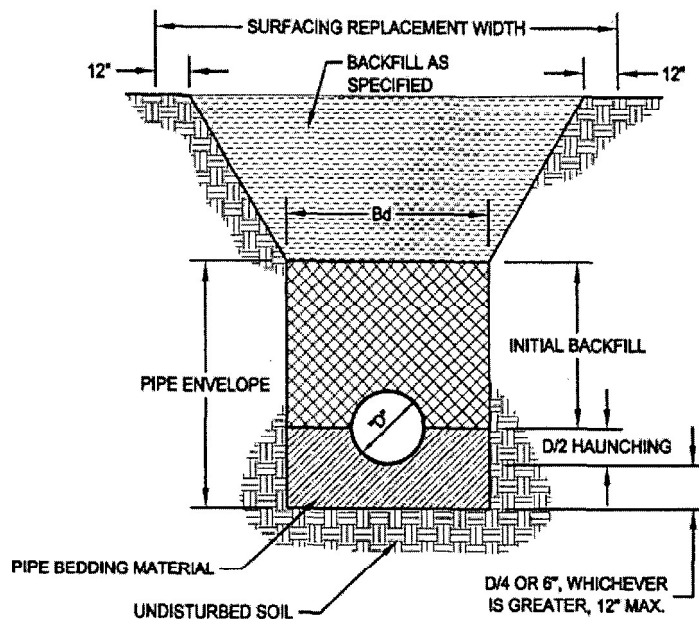
- A. Bed and install pipe as specified herein, as shown on Standard Drawings and in accordance with the following standard: Flexible Pipe, PVC and PVCC: ASTM D2321.
- B. Protect pipe and joints during handling against impact, shocks, freefall and gouging.
- C. Handle pipe so that no weight will bear on joints or attached coupling; do not allow damage to joint.
- D. Examine pipe for defects and specification compliance prior to lowering in trench; damaged or unsound pipe or pipes with defective joints will be rejected.
- E. Before laying pipe, verify all measurements at site; make necessary field measurements to accurately determine sewer make-up length.
- F. Place in trench in sound, undamaged condition.
- G. Make joints with equipment recommended by pipe manufacturer; do not use backhoe to push joints together.
 - 1. Clean joint contact surfaces immediately prior to jointing; use lubricants, primers, cement or adhesives as recommended by pipe joint manufacturer.

- H. Begin at lowest point in line; lay bell end upstream. (Spigot ends point in direction of flow).
- I. Provide smooth uniform invert; bear spigots against bell shoulder.
- J. Lay all pipe straight between changes in alignment and at uniform grade unless shown otherwise on plans.
- K. Avoid contact between pipe and compaction equipment; do not use compaction equipment directly above pipe to 1 foot over top of pipe.
- L. Line and Grade:
 - 1. Lay pipe to exact grade and line:
 - a. Minimum grade for service line shall be 2%, or as required by building code.
 - 2. Check line and grade for each pipe length.
- M. After each pipe has been brought to grade, aligned and placed in final position, deposit and shovel slice or spade bedding material under pipe haunches; bed wyes and tees to prevent shear loadings.

Service Connections

- A. Conform with details shown on Standard Drawing. (Appendix B-D)
- B. Install wyes; use standard tee and riser in lieu of wye where invert of sewer is 10' or more below ground surface.
- C. Place stopper in end of service pipe:
 - 1. Provide weathertight joint on stopper to match that on pipe spigot; block plug to undisturbed earth with 2" x 4" strut.
 - 2. Mark location of sewer service connection with magnetic tape; connect to end of service.
 - a. Install as recommended by manufacturer.
- D. Backfill trench after recording exact location of service connection.

Appendix B Standard Trench Section

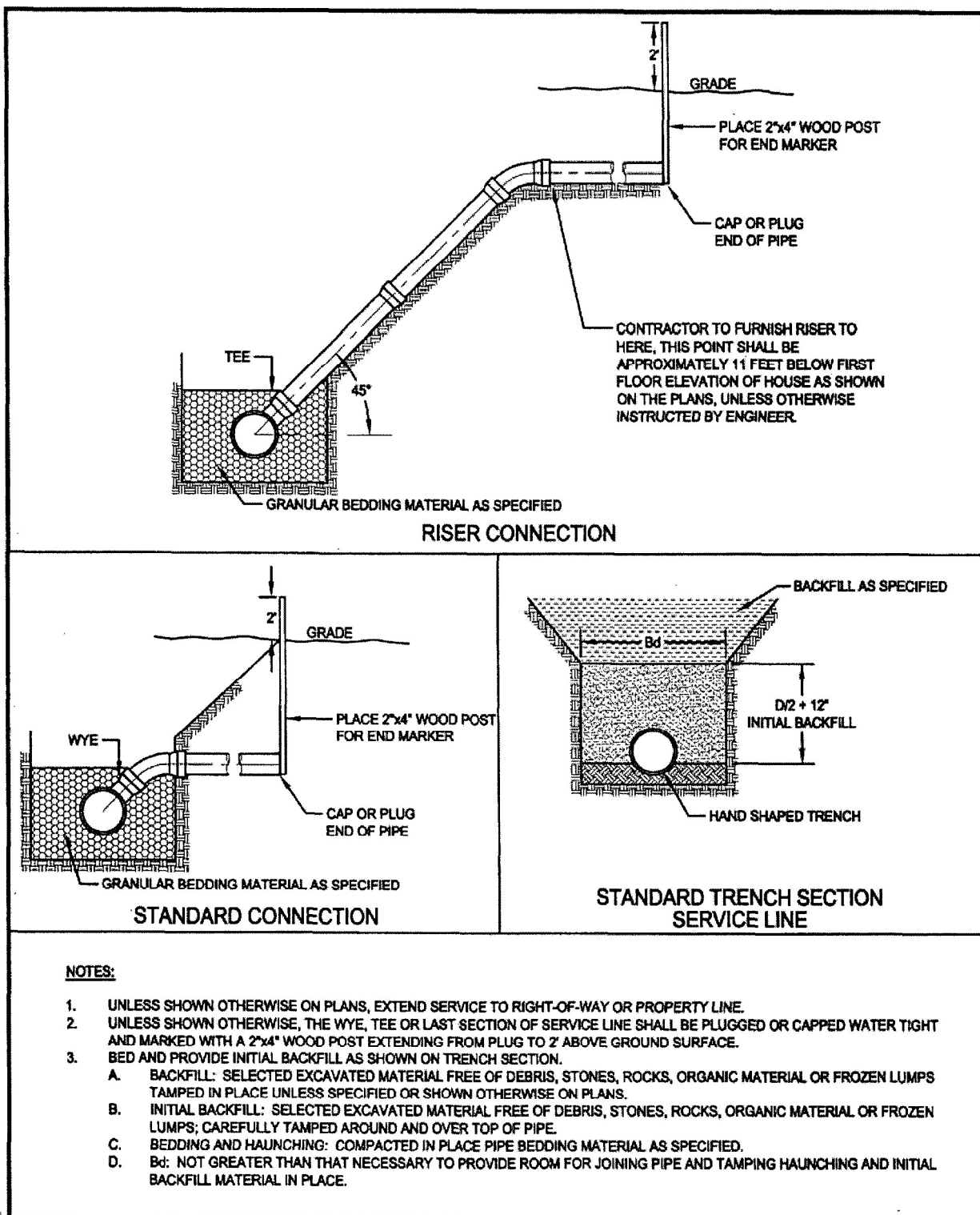


NOTES:

1. BACKFILL:
FINELY DIVIDED EXCAVATED MATERIAL FREE OF DEBRIS, STONES, ROCKS, ORGANIC MATERIAL, OR FROZEN LUMPS, UNLESS SPECIFIED OR SHOWN OTHERWISE ON PLANS.
2. INITIAL BACKFILL:
PIPE BEDDING MATERIAL AS SPECIFIED, COMPACTED IN PLACE.
3. HAUNCHING:
PIPE BEDDING MATERIAL AS SPECIFIED, COMPACTED IN PLACE.
4. BEDDING: PIPE BEDDING MATERIAL AS SPECIFIED.
5. Bd:
TRENCH WIDTH AT TOP OF PIPE AND EXTENDING FROM UNDISTURBED SOIL TO MINIMUM 12" OVER CROWN OF PIPE:
A. MINIMUM Bd: 18" PLUS PIPE O.D.
B. MAXIMUM Bd FOR PIPES 6" TO 24" DIAMETER: 24" PLUS PIPE O.D.
C. MAXIMUM Bd FOR PIPES LARGER THAN 24" DIAMETER: 30" PLUS PIPE O.D.
6. SUPPORT AND SLOPE TRENCH WALLS AS REQUIRED TO MEET OSHA SAFETY STANDARDS AND TO PREVENT CAVE-INS, SLIDING, OR ROLLOVERBACKS.

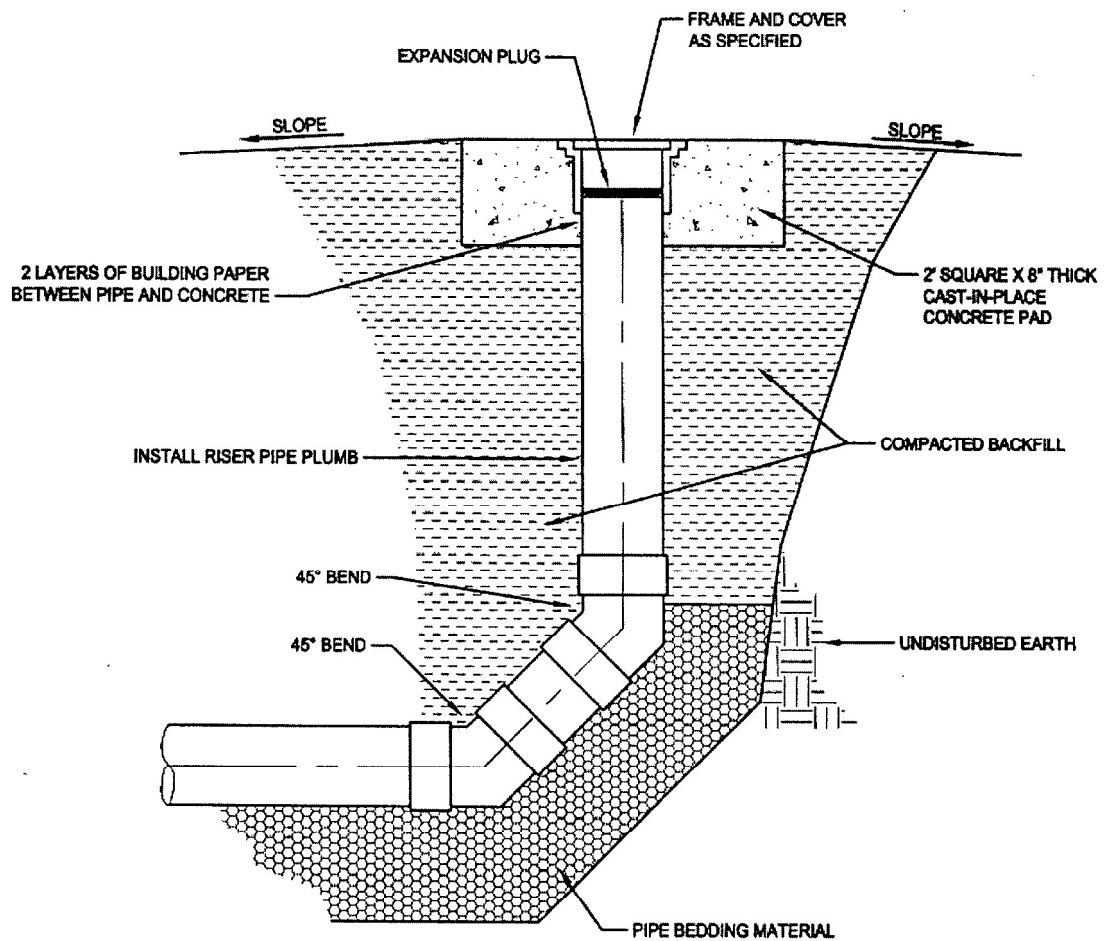
Appendix C

Sewer Service Connections



Appendix D

End of Line Cleanout



BE IT FURTHER RESOLVED, that such Ordinance No. 28, Sanitary Sewer for Marshall County, Iowa, shall become effective after its final passage, approval and the Ordinance is published.

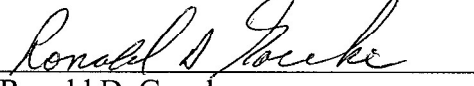
Dated at Marshalltown, Iowa, this 11th day of December, 2007

Motion by Johnson, second by Brooks, that this constitutes the third reading and the adoption of the Ordinance which shall become effective thirty (30) days after publication of the notice of adoption.

Roll call vote: Johnson -Aye
Vice Chairman

Brooks-Aye
Member

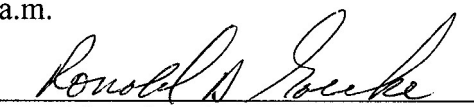
Goecke-Aye
Chairman


Ronald D. Goecke
Board of Supervisors, Chairman

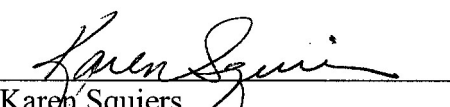
Attest:


Karen Squiers
Marshall County Auditor

Adjournment--The next regular meeting is December 26, 2007, at 9:00 a.m. All business to be acted upon at that session should be submitted to the County Auditor's Office or the Board of Supervisors' Office by December 20, 2007, at 1:00 p.m. There being no further business to come before the Board, the meeting was adjourned at 10:43 a.m.


Ronald D. Goecke
Board of Supervisors, Chairman

Attest:


Karen Squiers
Marshall County Auditor

FILED

JAN - 9 2008

Affidavit of Publication

STATE OF IOWA,
Marshall County, ss.

MARSHALL COUNTY AUDITOR

Public Notice, Marshall County Board of Supervisors
Regular Session December 11, 2007 Minutes

I, Phyliss Troutner, being first duly sworn, on oath depose and say that Marshalltown Newspaper, Inc. is a corporation for pecuniary profit organization under the law of the State of Iowa, with its principal place of business in Marshalltown, Iowa; that the "Times-Republican" is a daily newspaper of general circulation printed wholly in the English language and published by said corporation at the city of Marshalltown, in Marshall County, Iowa; that I am the Office Manager of said corporation and a full time employee of the said newspaper, and have personal knowledge of the facts stated herein; that the Notice hereto attached in the above entitled action was published in the regular daily edition of the said "Times-Republican" once each week for:

One

consecutive weeks on the days and dates as follows, to-wit:
December 31, 2007

Statutory fees for publishing said notice are:
283.60

Phyliss Troutner

Sworn to before me and subscribed in my
presence by the said Phyliss Troutner this
Eighth day of January, 2008

Debra Hasselman

Debra Hasselman, Notary Public
Marshall County, Iowa
Commission No. 738730
Commission Expires January 24, 2009

Account No. and Account Name
L15900 Marshall County Auditor



PUBLIC NOTICE

Marshall County Board of
Supervisors Regular Session
December 11, 2007, at 9:00 a.m.
MINUTES

The Board met in regular session on Tuesday, December 11, 2007, at 9:04 a.m. in meeting rm #2, 3rd Floor, Northeast corner of the courthouse with 3 members present.

RESOLUTION-Concerning the Auction of Marshall County Real Estate, Public Hearing—

At the public hearing, any resident may present objections to or arguments in favor of any part of the Resolution concerning the sale of Marshall County real estate per quit claim deed.

There were no written comments, questions, or objections on file in the County Auditor's Office on the Resolution concerning the sale of Marshall County property. Of the 11 individuals attending the public hearing, 3 individuals presented oral comments, questions, or objections.

Motion by Johnson, second by Brooks, to close the public hearing. All voted aye.

RESOLUTION # 2007-0004
Auction of Marshall County Real Estate—Public Auction

Of the 11 individuals attending the public auction, no individual presented oral comments, questions, or objections.

The sale of Marshall County real estate said Parcel "B" by quit claim deed is legally described as:

Parcel "B" lying in abandoned railroad right-of-way in the E1/2 of the SW1/4 and in the NW1/4 of the SE1/4 of Section 9, Township 82N, Range 20W of the 5th P.M., Marshall County, Iowa. (See plat of survey filed on instrument #1999-00016167)

Motion by Brooks, second by Johnson, to accept the bid of Craig McKibbin in the total amount of \$2,000.00 and authorize the Chairman of the Board and County Auditor to sign a Quit Claim Deed. All voted aye.

Amendment No. 07-1 to Marshall County Ordinance No. 24-Local Sales and Services Tax for School Infrastructure, Public Hearing—

At the public hearing, any resident may present objections to or arguments in favor of any part of the Resolution concerning proposed amendment No. 07-1 to Marshall County Ordinance No. 24-Local Sales and Services Tax for School Infrastructure.

There were no written comments, questions, or objections on file in the County Auditor's Office on proposed amendment No. 07-1 to Marshall County Ordinance No. 24-Local Sales and Services Tax for School Infrastructure. Of the 7 individuals attending the public hearing, no individual presented oral comments, questions, or objections. Mo-

tion by Johnson, second by Brooks, to close the public hearing. All voted aye.

Third Reading-Proposed Amendment No. 07-1 to the Marshall County Ordinance No. 24 Local Sales and Services Tax for School Infrastructure

BE IT ORDAINED, BY THE BOARD OF SUPERVISORS OF MARSHALL COUNTY, IOWA.

BE IT FURTHER RESOLVED, that such Amendment #07-1 to the Marshall County Ordinance No. 24 Local Sales and Services Tax for School Infrastructure shall become effective after its final passage, approval and the Amendment is published.

Motion by Brooks, second by Johnson, to adopt the third reading of Amendment 07-1 to the Marshall County Ordinance No. 24, Local Sales and Services Tax for School Infrastructure and adopt the amendment. All voted aye.

Proposed Marshall County Ordinance No. 28-Sanitary Sewer, Public Hearing—

At the public hearing, any resident may present objections to or arguments in favor of any part of the Ordinance concerning proposed Marshall County Ordinance No. 28-Sanitary Sewer.

There were no written comments, questions, or objections on file in the County Auditor's Office on the proposed Ordinance concerning Marshall County Sanitary Sewers. Of the 6 individuals attending the public hearing, 1 individual presented oral comments, questions, or objections. Motion by Brooks, second by Johnson, to close the public hearing. All voted aye.

Third Reading-Proposed Marshall County Ordinance No. 28, Sanitary Sewer —

AN ORDINANCE REGULATING THE USE OF PUBLIC SEWER, BUILDING SEWERS AND BUILDING DRAINS, ONSITE SYSTEMS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF; IN THE PUBLIC SEWER SERVICE AREA, OWNED AND OPERATED BY MARSHALL COUNTY, IOWA, IN MARSHALL COUNTY, STATE OF IOWA.

BE IT FURTHER RESOLVED, that such Ordinance No. 28, Sanitary Sewer for Marshall County, Iowa, shall become effective after its final passage, approval and the Ordinance is published.

Motion by Johnson, second by Brooks, that this constitutes the third reading and the adoption of the Ordinance which shall become effective thirty (30) days after publication of the notice of adoption. All voted aye.

Proposed Remodel of the Marshall County Courthouse Annex Building, Public Hearing —

At the public hearing, any resident may present objections to or arguments in favor of any part of the Resolution concerning proposed remodel project of the Marshall County Courthouse Annex building.

There were no written comments, questions, or objections on file in the County Auditor's Office on the proposed Remodel of the Marshall County Courthouse Annex building. Of the 5 individuals attending the public hearing, no individual presented oral comments, questions, or objections. Motion by Brooks, second by Johnson, to close the public hearing. All voted aye.

Resolution No. 2007- 0006

Resolution- Concerning Proposed Remodel Project of the Marshall County Courthouse Annex Building— BE IT RESOLVED, that such proposed remodel project of the Marshall County Courthouse Annex shall not be effective until the Board adopts this resolution of the proposed remodel project of the Marshall County Courthouse Annex. The notice of the public hearing was published in the Marshalltown Times-Republican and the State Center Enterprise-Record on November 29, 2007.

Motion by Johnson, second by Brooks to adopt this Resolution proposing a multiple phase project, that generally consists of multiple areas of work at numerous locations throughout the 3 levels of the existing building remodel project of the Marshall County Courthouse Annex. All voted aye.

Consent Agenda:

Approve Minutes—from Regular Session of November 27, 2007

File District Court Report-11-07111 General Supplemental Fund Surcharge-\$618.11

Manure Management Update. Edler Bros. Farm, id 58297, update received and placed on file. There were no changes in the MMP.

Accept State Auditor's Report-North Iowa Juvenile Detention Services Commission, fiscal year ended June 30, 2007.

Appointment-Appointed Permanently until Replaced

a) Marshall County Representative to Central Iowa Fair Board- Jim Sinning

Approve Claims—as audited and authorize the County Auditor to issue payment of same. The listing of claims paid at this meeting will be included with all claims paid for the month of December and will be part of the first meeting in January.

Motion by Brooks, second by Johnson, to approve the consent agenda as printed above. All voted aye.

Motion by Johnson, second by Brooks, to approve this motion that the Marshall County Board of Supervisors approve the circulation of a petition requesting that the question of combining the duties of the Marshall County Recorder and the Recorder's office with the office of the Marshall County Treasurer and Auditor, and abolishing the office of the Marshall County Recorder, be placed on the ballot on November 4, 2008.

All voted aye.

RESOLUTION NO. 2007-0007

Motion by Brooks, second by Johnson, to adopt this Resolution pertaining to the use of Secondary Roads in Marshall County, Iowa by RAGBRAI and by cyclists in general. All voted aye.

Motion by Johnson, second by Brooks, to approve the contract with Jensen Construction Co. of Des Moines, Iowa for the tied Projects HDP-C064(96)—6B-64 in the amount of \$993,975.00 and BRS-C064(95)—560-64 in the amount of \$796,715.60. All voted aye.

Motion by Brooks, second by Johnson, to approve this request for the purchase of a brush chipper from Vermeer Mfg. Co., Pella, Iowa for use in tree and brush removal by the Secondary Road Department to be paid for by the Road Clearing Fund. All voted aye.

Motion by Brooks, second by Johnson, to approve the Employment Contract between Marshall County and Royce J. Fichtner, P.E., for services as Marshall County Engineer for a period of December 1, 2007 through November 30, 2010. All voted aye.

Motion by Brooks, second by Johnson, to table this request on a new Agreement between Oak Haven Care Facility in Okoboji, IA(provider) and Marshall County with a rate of \$38.68 per day to the next meeting on December 26, 2007. All voted aye.

Recognition of ISAC Excellence in Action Award to Marshall County Recipients: Jon Bailey, Scott Williams, John Kunc, Wayne Chizek and Deane Adams.

Public Forum:

Joel Akason, MEDIC -comments thanking County employees for their support, update on MEDIC project and future goals of MEDIC.

Wayne Chizek-comments on Space Needs Committee.

John Kunc- comments on Rhodes Bee Rite Tire, this brings an end to longest environmental clean-up in Marshall County.

Adjournment—The next regular meeting is December 26, 2007, at 9:00 a.m. All business to be acted upon at that session should be submitted to the County Auditor's Office or the Board of Supervisors' Office by December 20, 2007, at 1:00 p.m. There being no further business to come before the Board, the meeting was adjourned at 10:43 a.m.

Ronald D. Goecke
Board of Supervisors, Chairman

Attest:
Karen Squiers
Marshall County Auditor

Marshall County Claims List
November, 2007

Allocation	
Harvester Dev	109,605.23
MMSC Home Care +	15,796.71
Debt Service	
Bankers Trust Co	72,931.25
Grossman, Richard/Lucy	2,030.88
Election	
Armbrrecht, Irene	124.25
Armbrrecht, Joseph	110.76
Baitinger, Mary Jo	140.88
Bell, Kay	104.86
Berger, Karen	102.94
Blagg, Diane	106.30
Bloom, Shirley	147.46
Bollhoefer, Alta	103.42
Boston, Susan	128.57
Bowman, Margaret	113.78
Brush, Betty Lou	112.00
Collins, Bev	137.92
Cook, Marla	103.73
Cook, Melia	14.00
Cox, Donna	103.25
Crannell, Glenna	103.90
Crannell, Raymond	106.30
Davenport, Marilyn	107.26
Devlin, Carole	139.10
Dostal, Melvin	122.84
Eddy, Donna	122.19
Estabrook, Debi	114.26
Ewalt, Carol	103.73
Finders, Charyl	104.21
Finders, Darlys	105.00
Flora, Marian	106.75
Flowers, Lorraine	153.56
Foster, Shirley	103.66
Glandon, Carolyn	159.60
Gonzalez, Cheyenne	14.00
Goodman, Jean	110.42
Gray, Mary Ellen	126.34
Grove, Bev	112.68
Hale, Marian	106.92
Hargrave, Laurie	148.70
Hasenwinkel, Doreen	63.00
Kallestad, Alice	103.42
Keese, Colleen	120.36
Lee, Rachel	14.00
Lenning, Janice	104.86
Lowry, Kayann	34.38
Manz, Darlene	116.80
McDonald, Wayne	131.17
McDonnell, Ann	102.46
McGehee, John E.	31.50
Meyer, Joyce	102.94
Mills, Sally	102.46
Monroe, Judith	153.22
Monroe, Robert	106.30
Mosher, Esther	141.36
Noack, Keith E.	113.78
Ohlschlager, Shirley	103.25
Patterson, Marilyn	101.50
Paul, Doris	104.86
Payne, Bea	121.88
Phillips, Caroline	150.45
Price, Shirley A.	102.94
Ream, Doris D.	115.22
Ricken, Marian	102.46
Rider, Dorothy	108.22
Robb, Jean M.	105.96
Rubenbauer, Christina	125.10
Salasek, Carolyn	145.68
Schendel, Mary	125.86
Schroyer, Jean	108.50
Swearingen, Ann	126.34
Tempel, Linda	109.18
Thatcher, Sara	129.76
Thomae, Greta	103.42
Thompson, Beverly	101.50
Thoreson, Iris M.	111.21
Tietje, Ethel	103.42
Van Kirk, Darlene	102.46
Walker, Goldie	105.00
Wasco, Judy	128.26
Welch, Colleen	107.88
Williams, Grant	14.00
Volken, Mary Jane	118.72
Zink, Yvonne	102.94

Employee Benefits	
Assurant Emp Ben	954.95
Reliance Standard	3.00
Equipment	
Business Card	4,341.72
Cash Receipts	903.00
Ecolab	77.95
Ed Roehr Safety	72.86
Grainger	36.92
LDR Computers	583.59

Lenovo	1,195.95
M & M Sales	621.22
Premier Ofc Equip	147.26
Racom Corp	3,344.55
Softchoice Corp	1,352.57
Tessco	52.53
Ziegler's Inc	230,167.90
Fees	
Adventnet	39.00
Bowman & Miller	8,000.00
Conrad Record	128.12
Cost Advisory Serv	5,600.00
la Dept Ag/Land	15.00
la Div Labor Serv	150.00
la St Reserve Law	134.00
Marshall Co Landfill	149.45
Mid-la Pub/Enterprise	1,886.89
M'town CBD	150.00
Nat'l District Attys	165.00
Tama/Grundy Publishing	240.00
Times Republican	3,449.00
VA Medical Ctr	2,544.00
Fuel	
Bp	295.29
Mid-Iowa Coop	38,079.64
New Century FS	20,205.35
Phillips 66	33.39
Secondary Rd Dept	12,762.08
Steffensen's	66.37
Grants	
Marshall, Doug	65.00
Mental Health	
Abbe Center	2,268.60
Black Hawk Grundy MHC	63.00
Center Associates	5,766.63
CIRSI	1,499.60
City of M'town	4,607.70
Comprehensive Sys	844.10
Country Living Care	7,444.96
DHS Cashier	53,162.99
Diamond Life Health	1,410.50
Ellsworth Municipal	8,288.00
Eyerly Ball MHC	261.41
Geffe, Kent	1,121.50
Hauptert, Lee	1,056.29
Hillcrest Family	4,698.99
IVCCD	11,832.29
Kathleen's Care	682.00
Linn Co Comm Serv	34.00
Mallard View	1,078.80
Mid-Iowa Workshops	20,323.75
New Focus	966.92
New Hope Village	360.90
North Cent la MHC	108.00
North la Voc Ctr	351.00
North Star Comm Serv	850.88
Pride Group	3,464.87
Region Six	4,065.50
Richmond Ctr	514.57
Spectra Health Care	1,158.47
Treasurer, St/la	41,272.88
Parts	
Appliance Doctor	94.72
B & B Electric	6,678.78
Carquest Auto Pts	49.73
Central la Farm Store	188.37
Egleston Electric	47.79
Exhaust Pros	100.00
Graybar Electric	423.25
Hawkeye Truck Equip	1,083.45
Jensen Inc	91.57
Johnson Controls	640.66
Ken Wise Buick-Olds	99.47
MD Products	799.51
Mid la Petroleum	61.48
Midwest Econo Sales	166.68
Napa Auto Parts	1,805.43
O'Halloran Intern'l	1,011.75

O'Reilly Auto Pts	1,800.00
Southard Implement	2.05
Terminal Supply Co	246.97
Truck Country/la	47.96
Project Expense	
CE Contracting Ltd	98,104.10
Cessford Construct	12,295.20
Concrete Inc	754.89
la Natural Heritage	17,667.00
John Murray Construct	3,510.94
Martin Marietta Mat'ls	7,160.39
Relief	
Bagnall, Darrell	250.00
Burlington Trailways	15.50
Hansen, Jay E	200.00
Rent	
Fami/Loc	5,022.85
Marshall Town Ctr	600.00
Masonic Holding Corp	1,685.00
Repairs	
A&J Body Shop	95.00
Best Vacuum Store	35.79
Electronic Engng	76.90
Ethington Heat/Cool	6,422.00
General Store	145.00
Hanke, Arnold	503.70
Hay Construction	1,277.09
Marshall Glass	383.10
McAtee Tire	776.89
Overhead Door	814.28
Scooter Tire/Auto	734.62
Stew Hansen's Dodge	621.75
West Electric	949.25
Service	
AAA Septic Serv	135.38
Alltel	366.12
Am Serv/Install	1,198.35
Aramark Uniform	392.81
B&W Control Spec	349.00
Baker Group	480.00

Black Hawk Co Atty	24.30
Borsch, Cliff	100.00
Bradbury, Henry	450.00
Calhoun-Burns/Assoc	192.80
Captain Clean	550.00
Central la Juv Det	8,119.00
Clarinda Youth Corp	1,016.40
Claussen, Pam	750.00
Clinicare Corp	6,848.83
Conrad Fam Clinic	1,000.00
Cott Systems	1,014.00
Election Sys/Software	2,998.97
Electrical Engng/Equip	806.74
Enlighten Tech	1,520.00
Garden & Assoc	572.00
Hawkeye Stages	275.00
Hogeland, Lyle	270.00
IKON Ofc Solutions	52.93
Keen Edge	109.50
Larry's Towing	275.00
Lightedge Solutions	526.27
Mail Services	2,564.10
Marshall Co Sheriff	2,335.00
McFarland Clinic	50.00
Mediacom	99.95
Meteorlogix	3,570.00
Midwestern Telephone	52.50
Mustaine's Towing	275.00
Polk Co Med Examiner	1,350.00
Poweshiek Co Sheriff	36.34
Prouty, Judy	320.00
Prusha's Prof Paint	2,630.00
Quakerdale	2,543.97
Ritland, Theresa	1,522.70
Roseland Mackey Harris	1,912.50
Schondel Pest Control	323.00
Schickel, Candila	22.00
Schumacher Elevator	842.04
State Med Exam Ofc	4,300.00
Stone Sanitation	731.00
Tama Co Sheriff	3,894.07
TSP	373.07
US Cellular	298.48
USA Mobility Wireless	56.29
Vogel Family Serv	600.00
Walsh Law Firm	150.00
Supplies	

Airgas	128.36
Arnold Motor Supp	669.69
Beller Distrib	1,450.00
Bob Barker Co	1,015.63
Capitol City Graphics	216.40
Carpenter Uniform	208.37
Central Ia Distrib	2,195.37
Central Ia Machine	18.84
Central Ofc Supp	1,885.62
Chemsearch	387.91
Cintas	122.65
Codex Corp	234.39
Consolidated Mgmt	23,262.69
Des Moines Register	124.80
Diamond Vogel	21.75
E & F Printing	170.90
Electric Supply	709.97
Embarkit	356.00
Farm Plan/Theisen's	139.86
Fastenal Co	307.86
Gall's Inc	112.45
Heuss Printing	47.75
Hy-Vee Inc	198.00
Hy-Vee Pharmacy	1,961.99
Interstate Battery	300.85
Ia Dept Trans	196.00
Ia Lumber	144.27
Legislative Services	12.00
M Gervich & Sons	18.50
Marshall & Swift	101.92
Matt Parrott	130.35
Medicap Pharmacy	1,164.84
Medtronic Physio-Cont	594.00
Menards	349.55
Minute Man	318.01
Moore Medical	424.64
Nat'l Geographic Soc	12.94
Ncs Healthcare	13.29
Northland Products	528.00
Petty Cash - VA	6.00
Petty Cash-Sheriff	294.73
Pitney Bowes	98.98
Postmaster	330.43
Quill Corp	537.02
Ricken Tiling	10.80
Staples	686.02
Stetson Bldg Prod	1,282.92
Stone, Larry A	77.00
Thompson True Value	86.30
Tri-State Lock	5.00
U S Postal Serv	2,000.00
Vajgrt, Roger	5.00
Wells Fargo	1,095.11
West Group	765.80
Training	
Bachman, Dennis	600.00
Ia St Assoc/Counties	300.00
Ia St Sheriffs/Dep	125.00
Malloy, Marty	8.00
Rhodes, Craig	8.00
Ruopp, Wade	25.00
Stegmann, Mike	8.00
Travel	
AAA Travel	1,807.02
Arends, Harold	72.00
Crawford, Paul	172.80
Faircloth, Tim	312.17
Fichtner, Royce	230.43

Legals continue to page B6

Legals continued from Page B5

Folk, Evan	45.23
Gilliland, Edward	72.00
Hunt, Whitney	56.75
Kamatchus, Ted	1,063.08
Kirk, Karen	111.16
Miller, Jennifer	228.80
Nauman, Ron	105.60
Pearson, Ruth	72.48
Scheetz, James	207.90
Sodders, Steven	216.23
Williams, Scott	314.88
Utilities	
Alliant Energy	8,730.73
Cent Ia Water	2,438.08
Consumers Energy	586.43
Ferguson Util	42.84
Grundy Co REC	52.20
Heart/Ia Comm	297.56
M'town Water	709.00
Partner Comm	51.99
PC Partner	203.40
Qwest	618.17
Fund Totals:	
Capital Proj	13,562.91
Cons Land Acq	1,912.50
Debt Service	72,931.25
Gen Basic	196,777.49
Gen Supplemental	53,120.57
Urban Renewal Tax	109,605.23
Jail Commissary	4,573.21
MH-DD Serv	162,047.73
Rural Serv	253.16
Secondary Rds	415,914.91
****	1,030,698.96

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MARSHALL COUNTY BOARD OF SUPERVISORS MINUTES

PROOF OF PUBLICATION OF

Dec 11, 2007
Meeting

STATE OF IOWA MARSHALL COUNTY

John C. Strawn being first duty
sworn on his oath deposes
and states that he is the pub-
lisher of the

MID IOWA ENTERPRISE
a weekly newspaper of gen-
eral circulation, published
wholly in the English language
and printed and published in

STATE CENTER, IOWA
which is within the County of
Marshall, and State of Iowa;
and printed notice hereto
attached is a true copy of the

Notice

and was published in the regu-
lar edition of said newspaper
once each week on the same
day of the week, one publica-
tion thereof being had on each
of the following dates:

12-27-07

John C Strawn
Publisher

Fees for publication \$111.38

Marshall County Board of Supervisors
Regular Session December 11, 2007, at 9:00
a.m.

MINUTES

The Board met in regular session on Tuesday,
December 11, 2007, at 9:04 a.m. in meeting rm
#2, 3rd Floor, Northeast corner of the courthouse
with 3 members present.

RESOLUTION-Concerning the Auction of Marshall County Real Estate, Public Hearing--

At the public hearing, any resident may pres-
ent objections to or arguments in favor of any
part of the Resolution concerning the sale of
Marshall County real estate per quit claim deed.

There were no written comments, questions,
or objections on file in the County Auditor's Of-
fice on the Resolution concerning the sale of
Marshall County property. Of the 11 individuals
attending the public hearing, 3 individuals pre-
sented oral comments, questions, or objections.

Motion by Johnson, second by Brooks, to
close the public hearing. All voted aye.

RESOLUTION # 2007-0004

Auction of Marshall County Real Estate --Pub- lic Auction

Of the 11 individuals attending the public auc-
tion, no individual presented oral comments,
questions, or objections.

The sale of Marshall County real estate said
Parcel "B" by quit claim deed is legally described
as:

Parcel "B" lying in abandoned railroad right-
of-way in the E1/2 of the SW1/4 and in the
NW1/4 of the SE1/4 of Section 9, Township 82N,
Range 20W of the 5th P.M., Marshall County,
Iowa. (See plat of survey filed on instrument
#1999-00016167)

Motion by Brooks, second by Johnson, to ac-
cept the bid of Craig McKibbin in the total amount
of \$2,000.00 and authorize the Chairman of the
Board and County Auditor to sign a Quit Claim
Deed. All voted aye.

Amendment No. 07-1 to Marshall County Or- dinance No. 24-Local Sales and Services Tax for School Infrastructure, Public Hearing--

At the public hearing, any resident may pres-
ent objections to or arguments in favor of any
part of the Resolution concerning proposed
amendment No. 07-1 to Marshall County Ordi-
nance No. 24-Local Sales and Services Tax for
School Infrastructure.

There were no written comments, questions,
or objections on file in the County Auditor's Of-
fice on proposed amendment No. 07-1 to Mar-
shall County Ordinance No. 24-Local Sales and
Services Tax for School Infrastructure. Of the
7 individuals attending the public hearing, no
individual presented oral comments, questions,
or objections. Motion by Johnson, second by
Brooks, to close the public hearing. All voted
aye.

Third Reading-Proposed Amendment No. 07-1 to the Marshall County Ordinance No. 24 Local Sales and Services Tax for School Infra- structure

BE IT ORDAINED, BY THE BOARD OF SU-
PERVISORS OF MARSHALL COUNTY, IOWA,

BE IT FURTHER RESOLVED, that such
Amendment #07-1 to the Marshall County Or-
dinance No. 24 Local Sales and Services Tax
for School Infrastructure shall become effective
after its final passage, approval and the Amend-
ment is published.

Motion by Brooks, second by Johnson, to
adopt the third reading of Amendment 07-1 to
the Marshall County Ordinance No. 24, Local
Sales and Services Tax for School Infrastructure
and adopt the amendment. All voted aye.

Proposed Marshall County Ordinance No. 28- Sanitary Sewer, Public Hearing--

At the public hearing, any resident may pres-
ent objections to or arguments in favor of any
part of the Ordinance concerning proposed Mar-
shall County Ordinance No. 28-Sanitary Sewer.

There were no written comments, questions,
or objections on file in the County Auditor's Of-
fice on the proposed Ordinance concerning

Sworn to before me and subscribed in my presence
by the said John C. Strawn II this 27 day of

December 2007.

Renee Smith
Renee Smith Notary Public

Marshall County, Iowa



RENEE SMITH
Commission Number 744403
MY COMMISSION EXPIRES
DECEMBER 14, 2009

Marshall County Sanitary Sewers. Of the 6 individuals attending the public hearing, 1 individual presented oral comments, questions, or objections. Motion by Brooks, second by Johnson, to close the public hearing. All voted aye.

Third Reading-Proposed Marshall County Ordinance No. 28, Sanitary Sewer --

AN ORDINANCE REGULATING THE USE OF PUBLIC SEWER, BUILDING SEWERS AND BUILDING DRAINS, ONSITE SYSTEMS, PRIVATE SEWAGE DISPOSAL, THE INSTALLATION AND CONNECTION OF BUILDING SEWERS, AND THE DISCHARGE OF WATERS AND WASTES INTO THE PUBLIC SEWER; AND PROVIDING PENALTIES FOR VIOLATIONS THEREOF; IN THE PUBLIC SEWER SERVICE AREA, OWNED AND OPERATED BY MARSHALL COUNTY, IOWA, IN MARSHALL COUNTY, STATE OF IOWA.

BE IT FURTHER RESOLVED, that such Ordinance No. 28, Sanitary Sewer for Marshall County, Iowa, shall become effective after its final passage, approval and the Ordinance is published.

Motion by Johnson, second by Brooks, that this constitutes the third reading and the adoption of the Ordinance which shall become effective thirty (30) days after publication of the notice of adoption. All voted aye.

Proposed Remodel of the Marshall County Courthouse Annex Building, Public Hearing--

At the public hearing, any resident may present objections to or arguments in favor of any part of the Resolution concerning proposed remodel project of the Marshall County Courthouse Annex building.

There were no written comments, questions, or objections on file in the County Auditor's Office on the proposed Remodel of the Marshall County Courthouse Annex building. Of the 5 individuals attending the public hearing, no individual presented oral comments, questions, or objections. Motion by Brooks, second by Johnson, to close the public hearing. All voted aye.

Resolution No. 2007- 0006

Resolution- Concerning Proposed Remodel Project of the Marshall County Courthouse Annex Building--

BE IT RESOLVED, that such proposed remodel

project of the Marshall County Courthouse Annex shall not be effective until the Board adopts this resolution of the proposed remodel project of the Marshall County Courthouse Annex. The notice of the public hearing was published in the Marshalltown Times-Republican and the State Center Enterprise-Record on November 29, 2007.

Motion by Johnson, second by Brooks to adopt this Resolution proposing a multiple phase project, that generally consists of multiple areas of work at numerous locations throughout the 3 levels of the existing building remodel project of the Marshall County Courthouse Annex. All voted aye.

Consent Agenda:

Approve Minutes--from Regular Session of November 27, 2007

File District Court Report-11-07

General Supplemental Fund Surcharge-\$618.11

Manure Management Update. Edler Bros. Farm, Id 58297, update received and placed on file. There were no changes in the MMP.

Accept State Auditor's Report-North Iowa Juvenile Detention Services Commission, fiscal year ended June 30, 2007.

Appointment-Appointed Permanently until Replaced

a) Marshall County Representative to Central Iowa Fair Board- Jim Sinning

Approve Claims--as audited and authorize the County Auditor to issue payment of same. The listing of claims paid at this meeting will be included with all claims paid for the month of December and will be part of the first meeting in January.

Motion by Brooks, second by Johnson, to approve the consent agenda as printed above. All voted aye.

Motion by Johnson, second by Brooks, to approve this motion that the Marshall County Board of Supervisors approve the circulation of a petition requesting that the question of combining the duties of the Marshall County Recorder and the Recorder's office with the office of the Marshall County Treasurer and Auditor, and abolishing the office of the Marshall County Recorder, be placed on the ballot on November 4, 2008. All voted aye.

RESOLUTION NO. 2007-0007

Motion by Brooks, second by Johnson, to adopt this Resolution pertaining to the use of Secondary Roads in Marshall County, Iowa by RAGBRAI and by cyclists in general. All voted aye.

Motion by Johnson, second by Brooks, to approve the contract with Jensen Construction Co. of Des Moines, Iowa for the tied Projects-HDP-C064(96)--6B-64 in the amount of \$993,975.00 and BRS-C064(95)--560-64 in the amount of \$796,715.60. All voted aye.

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Clearing Fund. All voted aye.

Motion by Brooks, second by Johnson, to approve the Employment Contract between Marshall County and Royce J. Fichtner, P.E., for services as Marshall County Engineer for a period of December 1, 2007 through November 30, 2010. All voted aye.

Motion by Brooks, second by Johnson, to table this request on a new Agreement between Oak Haven Care Facility in Okoboji, IA(provider) and Marshall County with a rate of \$38.68 per day to the next meeting on December 26, 2007. All voted aye.

Recognition of ISAC Excellence in Action Award to Marshall County Recipients: Jon Bailey, Scott Williams, John Kunc, Wayne Chizek and Deane Adams.

Public Forum:

Joel Akason, MEDIC -comments thanking County employees for their support, update on MEDIC project and future goals of MEDIC.

Wayne Chizek-comments on Space Needs Committee.

John Kunc- comments on Rhodes Bee Rite Tire, this brings an end to longest environmental clean-up in Marshall County.

Adjournment--The next regular meeting is December 26, 2007, at 9:00 a.m. All business to be acted upon at that session should be submitted to the County Auditor's Office or the Board of Supervisors' Office by December 20, 2007, at 1:00 p.m. There being no further business to come before the Board, the meeting was adjourned at 10:43 a.m.

Ronald D. Goecke

Board of Supervisors, Chairman

Attest:

Karen Squiers

Marshall County Auditor