



**Working Together for a  
Better Tomorrow. Today.**

## **SPECIFICATION PACKAGE**

**for**

## **MILLED STREET IMPROVEMENTS**

**Bid Opening Date/Time**

**JULY 21, 2011 @ 2:00 P.M. (local time)  
City of Grand Island, City Hall  
100 East 1<sup>st</sup> Street, P.O. Box 1968  
Grand Island, NE 68802-1968**

**Contact**

**City of Grand Island – Utilities Department  
Platte Generating Station  
308/385-5496**

**Date issued: July 6, 2011**

**ADVERTISEMENT TO BIDDERS  
FOR  
MILLED STREET IMPROVEMENTS  
FOR  
CITY OF GRAND ISLAND, NEBRASKA**

**Sealed bids will be received at the office of the City Clerk, 100 E. First Street, P.O. Box 1968, Grand Island, Nebraska 68802, until Thursday, July 21, 2011 at 2:00 p.m. local time for Milled Street Improvements, FOB the City of Grand Island, freight prepaid. Bids will be publicly opened at this time in the Grand Island City Hall Council Conference Room #1 located on 1<sup>st</sup> floor of City Hall. Submit an original and three copies. Bid proposal package is also available on-line at [www.grand-island.com](http://www.grand-island.com) under Business-Bid Calendar. Bids received after the specified time will be returned unopened to sender.**

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S.73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Successful bidder shall maintain a drug free workplace policy. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

Each bidder shall submit with the bid a certified check, a cashiers check, or bid bond payable to the City Treasurer in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the bidder and the entering into a contract within fourteen (14) days at the bid price if accepted by the City. **Your certified check, cashier's check or bid bond must be submitted in a separate envelope attached to the outside of the envelope containing the bid.** Each envelope must be clearly marked indicating its contents. **Failure to submit the necessary qualifying information in clearly marked and separate envelopes will result in your bid not being opened or considered.** Surety companies authorized to do business in the State of Nebraska must issue bid bonds.

Bids will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended.

The Purchaser reserves the right to reject any or all bids, to waive irregularities therein, and to accept whichever bid that may be in the best interest of the City, at its sole discretion.

No bidder may withdraw his bid for a period of thirty (30) days after date of bid opening.

RaNae Edwards, City Clerk

**MILLED STREET IMPROVEMENTS**  
**BID DATA FORM**

CITY OF GRAND ISLAND  
GRAND ISLAND, NE

The undersigned bidder, having examined all specifications and other bidding documents, and all addenda thereto, and being acquainted with and fully understanding all conditions relative to the specified materials and equipment, hereby proposes to provide such equipment FOB the City of Grand Island, freight prepaid, at the following price:

<b><u>ITEM DESCRIPTION</u></b>	<b><u>EXTENDED COST</u></b>
Base Bid:	
Material	\$ _____
Labor	\$ _____
Applicable Sales tax*	\$ _____
Total Base Bid	\$ _____

\* If bidder fails to include sales tax in their bid price or takes exception to including sales tax in their bid price, the City will add a 7.0% figure to the bid price for evaluation purposes; however, the City will only pay actual sales tax due.

- By checking this box, Bidder acknowledges that Addenda Number(s) \_\_\_\_\_ were received and considered in Bid preparation.
- By checking this box, Bidder acknowledges the specified completion date of the project is **September 30, 2011**.

According to Nebraska Sales and Use Tax Requirements, Section 1-017, Contractors, check which option you have selected to file with the Nebraska Department of Revenue:

*Nebraska law provides a sales and use tax exemption on contractor labor charges for the construction, repair, or annexation of any structure used for the generation, transmission, or distribution of electricity. Separately stated contractor labor would be exempt, all materials are taxable according to the contractor's option.*

Option 1 (Section 1-017.05)\_\_\_\_\_ Option 2 (Section 1-017.06)\_\_\_\_\_ Option 3 (Section 1-017.07)\_\_\_\_\_

*If the Nebraska sales and use tax election is not filed or noted above, the contractor will be treated as a retailer under Option 1 for sales and use tax purposes.*

\_\_\_\_\_  
Bidder Company Name Date

\_\_\_\_\_  
Company Address City State Zip

\_\_\_\_\_  
Print Name of Person Completing Bid Signature

Telephone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

By checking this box, Bidder acknowledges there are Exceptions noted to the bid.  
**NOTE: Any exceptions to specifications must be fully explained on a separate sheet attached to bid.**

**CHECKLIST FOR BID SUBMISSION**

**FOR**

**MILLED STREET IMPROVEMENTS**

**Bids must be received by the City Clerk before 2:00 p.m. on Thursday, July 21, 2011.**

The following items must be completed for your bid to be considered.

- A signed original and three copies of the bidding documents.
- A reference list of at least three projects of similar scope and complexity.
- A summary of the experience of the Project Supervisor proposed for this project.
- Firm lump sum pricing; firm unit pricing in case adjustments are necessary, and breakout of sales tax pricing.
- A proposed material delivery schedule and a preliminary construction schedule.
- Selection of Nebraska Sales Tax Option.
- Acknowledgment of Addenda Number(s) \_\_\_\_\_.
- Bidders must complete and sign the Bid Data Form provided in these Documents. All blank spaces must be filled in. Bidders shall acknowledge receipt of any Addenda information on the Bid Data Form.
- A certified check, cashiers check or bid bond in a separate envelope attached to the **outside of the envelope containing the bid**. Each envelope must be clearly marked indicating its contents. Failure to submit the necessary qualifying information in clearly marked and separate envelopes will result in your bid not being opened.

*Please check off each item as completed.*

\_\_\_\_\_  
Company

\_\_\_\_\_  
Signature

Telephone No. \_\_\_\_\_

Fax No. \_\_\_\_\_

## INSTRUCTIONS TO BIDDERS

### 1. GENERAL INFORMATION.

The following instructions outline the procedure for preparing and submitting Bids. Bidders must fulfill all requirements as specified in these Documents.

### 2. TYPE OF BID.

Bidders shall be required to submit prices for all items listed in the Bid Data Form.

### 3. PREPARATION OF BIDS.

Bidders shall use only the Bid Data Form provided in these Documents. All blank spaces in the Bid Data Form, must be filled in, preferably in BLACK ink, in both words and figures where required. No changes to the wording or content of the forms is permitted. Written amounts shall govern in case of discrepancy between the amounts stated in writing and the amounts stated in figures.

Prices stated shall be f.o.b. with freight and full insurance paid by Bidder, to the job site located in Grand Island.

The Bidder shall acknowledge receipt of all addenda in the Bid Data Form. Bids received without acknowledgement or without the Addendum enclosed will be considered informal.

### 4. SUBMISSION OF BIDS.

All Bids must be submitted intact not later than the time prescribed, at the place, and in the manner set forth in the ADVERTISEMENT FOR BIDS. Bids must be made on the Bid Data Form provided here in. Each Bid must be submitted intact in a sealed envelope, so marked as to indicate its contents without being opened, and delivered in person or addressed and mailed in conformance with the instructions in the ADVERTISEMENT FOR BIDS.

### 5. BID SECURITY.

Bids must be accompanied by cash, a certified check, or cashier's check drawn on a bank which is insured by the Federal Deposit Insurance Corporation, or a bid bond issued by a Surety authorized to issue such bonds in the state where the Work is located, in the amount of 5 percent of the bid amount payable to OWNER. This bid security shall be given as a guarantee that the Bidder will not withdraw his Bid for a period of 30 days after bid opening, and that if awarded the Contract, the successful Bidder will execute the attached Contract and furnish a properly executed Performance Bond and Payment Bond each in the full amount of the Contract price within the time specified.

The Attorney-in-Fact that executes this bond in behalf of the Surety must attach a notarized copy of his power of attorney as evidence of his authority to bind the Surety on the date of execution of the bond. Where State Statute requires, certification by a resident agent shall also be provided.

### 6. RETURN OF BID SECURITY.

Within 15 days after the award of the Contract, the OWNER will return the bid securities to all Bidders whose Bids are not to be further considered in awarding the contract. All other retained bid securities will be held until the Contract has been finally executed, after which all bid securities, other than Bidders' bonds and guarantees which have been fortified, will be returned to the respective Bidders whose Bids they accompanied.

### 7. BASIS OF AWARD.

The award will be made by the OWNER on the basis of the Bid from the lowest responsive, responsible Bidder which, in the OWNER's sole and absolute judgment will best serve the interest of the OWNER. All Bids will be considered on the following basis:

Conformance with the terms of the Bid Documents.

Bid price.  
Cost of installation.

Suitability to project requirements.  
Delivery time.

Responsibility and qualification of Bidder.

The OWNER reserves the right to reject all Bids, or any Bid not in conformance with the intent of the Bid Documents, and to waive any informalities and irregularities in said Bids.

#### 8. EXECUTION OF CONTRACT.

The successful Bidder shall, within 15 days after receiving notice of award, sign and deliver to the OWNER the Contract hereto attached together with the acceptable bonds as required in these Bid Documents. Within 15 days after receiving the signed Contract with acceptable bond(s) from the successful Bidder, the OWNER's authorized agent will sign the Contract. Signature by both parties constitutes execution of the Contract.

#### 9. PERFORMANCE AND PAYMENT BONDS.

The successful Bidder shall file with the OWNER Performance and Payment Bonds in the full amount (100 percent) of the Contract price, as security for the faithful performance of the Contract and the payment of all persons supplying labor and materials for the Work under this Contract, and to cover all guarantees against defective workmanship or materials, or both, for a period of 1 year after the date of final acceptance of the Work by the OWNER. The Surety furnishing these bonds shall have a record of service satisfactory to the OWNER, be authorized to do business in the State where the OWNER's project is located and shall be named on the current list of approved Surety Companies, acceptable on Federal bonds as published by the Audit Staff, Bureau of Accounts, U.S. Treasury Department.

The Attorney-in-Fact (Resident Agent) who executes these bonds on behalf of the Surety must attach a notarized copy of his power-of-attorney as evidence of his authority to bind the Surety on the date of execution of the bond.

#### 10. TIME OF COMPLETION.

The time of completion of the Work to be performed under this Contract is the essence of the Contract. The time allowed for the completion of the Work is stated in the Bid Data Form.

#### 11. GRATUITIES AND KICKBACKS.

City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

#### 12. FISCAL YEAR.

The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.

## CONTRACT AGREEMENT

THIS AGREEMENT made and entered into by and between **[SUCCESSFUL BIDDER]**, hereinafter called the Contractor, and the **CITY OF GRAND ISLAND, NEBRASKA**, hereinafter called the City.

WITNESSETH:

THAT, WHEREAS, in accordance with law, the City has caused contract documents to be prepared and an advertisement calling for bids to be published for *MILLED STREET IMPROVEMENTS*; and

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined, and canvassed the bids submitted, and has determined the aforesaid Contractor to be the lowest responsive and responsible bidder, and has duly awarded to the said Contractor a contract therefore, for the sum or sums named in the Contractor's bid, a copy thereof being attached to and made a part of this contract;

NOW, THEREFORE, in consideration of the compensation to be paid to the Contractor and of the mutual agreements herein contained, the parties have agreed and hereby agree, the City for itself and its successors, and the Contractor for itself, himself, or themselves, and its, his, or their successors, as follows:

ARTICLE I. That the following documents shall comprise the Contract, and shall together be referred to as the "Agreement" or the "Contract Documents";

1. This Contract Agreement.
2. City of Grand Island's Specification for this project.
3. **[NAME OF SUCCESSFUL BIDDER]** bid signed and dated **[DATE OF BID]**.

In the event of any conflict between the terms of the Contract Documents, the provisions of the document first listed shall prevail.

ARTICLE II. That the contractor shall (a) furnish all tools, equipment, superintendence, transportation, and other construction materials, services and facilities; (b) furnish, as agent for the City, all materials, supplies and equipment specified and required to be incorporated in and form a permanent part of the completed work; (c) provide and perform all necessary labor; and (d) in a good substantial and workmanlike manner and in accordance with the requirements, stipulations, provisions, and conditions of the contract documents as listed in the attached General Specifications, said documents forming the contract and being as fully a part thereof as if repeated verbatim herein, perform, execute, construct and complete all work included in and covered by the City's official award of this contract to the said Contractor, such award being based on the acceptance by the City of the Contractor's bid;

ARTICLE III. That the City shall pay to the Contractor for the performance of the work embraced in this contract and the Contractor will accept as full compensation therefore the sum (subject to adjustment as provided by the contract) of **[DOLLAR AMOUNT] (\$00.00)** for all services, materials, and work covered by and included in the contract award and designated in the foregoing Article II; payments thereof to be made in cash or its equivalent in the manner provided in the General Specifications.

The total cost of the Contract includes:

Base Bid:	\$	.00
Sales Tax on Materials/Equipment:	\$	.00
Sales Tax on Labor:	\$	<u>.00</u>
Total	\$	.00

The City of Grand Island, Nebraska operates on a fiscal year beginning October 1st and ending on the following September 30th. It is understood and agreed that any portion of this agreement which will be performed in a future fiscal year is contingent upon the City Council adopting budget statements and appropriations sufficient to fund such performance.

ARTICLE IV. The Contractor hereby agrees to act as agent for the City in purchasing materials and supplies for the City for this project. The City shall be obligated to the vendor of the materials and supplies for the purchase price, but the Contractor shall handle all payments hereunder on behalf of the City. The vendor shall make demand or claim for payment of the purchase price from the City by submitting an invoice to the Contractor. Title to all materials and supplies purchased hereunder shall vest in the City directly from the vendor. Regardless of the method of payment, title shall vest immediately in the City. The Contractor shall not acquire title to any materials and supplies incorporated into the project. All invoices shall bear the Contractor's name as agent for the City. This paragraph will apply only to these materials and supplies actually incorporated into and becoming a part of the finished product of the MILLED STREET IMPROVEMENTS.

ARTICLE V. That the Contractor shall start work as soon as possible after the contract is signed and the required bonds and insurance are approved, and that the Contractor shall deliver the equipment, tools, supplies, and materials F.O.B. Platte Generating Station, and complete the work on or before **SEPTEMBER 30, 2011**.

ARTICLE VI. The Contractor agrees to comply with all applicable State fair labor standards in the execution of this contract as required by Section 73-102, R.R.S. 1943. The Contractor further agrees to comply with the provisions of Section 48-657, R.R.S. 1943, pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. During the performance of this contract, the Contractor and all subcontractors agree not to discriminate in hiring or any other employment practice on the basis, of race, color, religion, sex, national origin, age or disability. The Contractor agrees to comply with all applicable Local, State and Federal rules and regulations. The Contractor agrees to maintain a drug-free workplace policy and will provide a copy of the policy to the City upon request. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

#### GRATUITIES AND KICKBACKS

City Code states that it is unethical for any person to offer, give, or agree to give any City employee or former City employee, or for any City employee or former City employee to solicit, demand, accept, or agree to accept from another person, a gratuity or an offer of employment in connection with any decision, approval, disapproval, recommendation, or preparation of any part of a program requirement or a purchase request, influencing the content of any specification or procurement standard, rendering of advice, investigation, auditing, or in any other advisory capacity in any proceeding or application, request for ruling, determination, claim or controversy, or other particular matter, pertaining to any program requirement or a contract or



subcontract, or to any solicitation or proposal therefor. It shall be unethical for any payment, gratuity, or offer of employment to be made by or on behalf of a subcontractor under a contract to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

**[SUCCESSFUL BIDDER]**

By \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_

**CITY OF GRAND ISLAND, NEBRASKA**

By \_\_\_\_\_ Date \_\_\_\_\_  
Mayor

Attest: \_\_\_\_\_  
City Clerk

The contract is in due form according to law and hereby approved.

\_\_\_\_\_  
Attorney for the City Date \_\_\_\_\_



*Working Together for a  
Better Tomorrow, Today.*

**REQUEST FOR BIDS - GENERAL SPECIFICATIONS**

The Bid shall be in accordance with the following and with all attached BID DATA and DETAILED SPECIFICATIONS.

All prices are to be furnished and installed FOB, Grand Island, Nebraska. **All prices shall be firm, and shall include all sales and use taxes as lawfully assessed under laws and regulations of the State of Nebraska.** \* If bidder fails to include sales tax in their bid price or takes exception to including sales tax in their bid price, the City will add a 7.0% figure to the bid price for evaluation purposes; however, the City will only pay actual sales tax due.

Bids shall include the following on the **outside** of the mailing envelope: **"Milled Street Improvements"**. All sealed bids are due no later than **Thursday, July 21, 2011 at 2:00 p.m. local time**. Submit **an original and three copies** of the bid to:

Mailing Address: City Clerk  
City Hall  
P. O. Box 1968  
Grand Island, NE 68802

Street Address: City Clerk  
City Hall  
100 E. First Street  
Grand Island, NE 68801

Bids will be opened at this time in the City Hall Council Conference Room #1 located on 1<sup>st</sup> floor of City Hall. Any bid received after the specified date will not be considered. No verbal bid will be considered.

Bids will be evaluated by the Purchaser based on price, schedule, quality, adherence to schedule, plan and specifications, economy and efficiency of operation, experience and reputation of the bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended.

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S.73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Contractor shall maintain a drug free workplace policy. Every public contractor and his, her or its subcontractors who are awarded a contract by the City for the physical performance of services within the State of Nebraska shall register with and use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

The equipment and materials must be new, the latest make or model, unless otherwise specified. Prior to approving the invoice for payment, the City reserves the right to thoroughly inspect and test the equipment to confirm compliance with specifications. Any equipment or material which does not meet the City's requirements will be returned at vendor's expense for correction. The invoice will be paid after approval at the next regularly scheduled Council meeting and occurring after departmental approval of invoice; the City Council typically meets the second and fourth Tuesday of each month. Invoices must be received well in advance of Council date to allow evaluation and processing time.

Each bidder shall submit with the bid a certified check, a cashiers check, or bid bond payable to the City Treasurer in an amount no less than five percent (5%) of the bid price which shall guarantee good faith on the part of the bidder and the entering into a contract within fourteen (14) days at the bid price if accepted by the City. **Your certified check, cashier's check or bid bond must be submitted in a separate envelope attached to the outside of the envelope containing the bid.** Each envelope must be clearly marked indicating its contents. **Failure to submit the necessary qualifying information in clearly marked and separate envelopes will result in your bid not being opened or considered.** Surety companies authorized to do business in the State of Nebraska must issue bid bonds.

Successful bidder shall comply with the City's insurance requirements; performance and payment bonds are required for this project as outlined in the Detailed Specifications and Instructions to Bidders.

All bids shall be valid for at least thirty (30) working days after the bid deadline for evaluation purposes.

**All bids must be on the bid form and must be signed and dated to be accepted.** Please contact Ryan Schmitz at 308-385-5495, for questions concerning this specification.

## MILLED STREET IMPROVEMENTS DETAILED SPECIFICATIONS

### SECTION 100 - GENERAL

Description of Work: The project involves grading and installing asphalt millings on the east side of Power Plant at the Platte Generating Station, Grand Island, Nebraska. The scope of the project will be from station 0+00 to station 15+00. All quantities given are for the aforementioned parameters. Any lump sum bid items should also be limited to this range.

All work shown beyond station 15+00 is an optional addition to the current bid. The Owner reserves the right to choose whether to extend the project deadline and scope to accommodate the additional construction requirements between station 15+00 and station 22+75 or a portion thereof.

The work will include, but is not limited to:

1. Mobilization of all equipment and material required for the work.
2. Maintaining positive drainage during and following construction.
3. Clearing and grubbing.
4. Regularly wetting all fill piles and unvegetated surfaces within the project construction limits to alleviate all dust control issues associated with construction. Water will be provided on site.
5. Excavating required areas.
6. Excavating, hauling, placing, and compacting General Fill.
7. Preparing and compacting Subgrade, as required by City Specifications.
8. Supplying and compacting asphalt millings as required herein.
9. Demobilization (which includes removing temporary structures and shaping, contouring, grading, reseeding final surfaces, repositioning of any disturbed aggregate along railroad tracks, and all other areas involving restoration of the site.

Location of Work: The work to be performed under this Contract is located at the Platte Generating Station, 1035 West Wildwood Drive, Grand Island, NE. The plant entrance is located two miles south of U.S. Highway 34 and 1 ½ miles east of U.S. Highway 281.

Schedule: No work shall commence until the Certificate of Insurance is approved by the City, an erosion control plan has been submitted by the Contractor, and a Notice to Proceed is issued. The Contractor shall coordinate with the City of Grand Island relative to scheduling work. All work, including restoration, shall be completed by the date stated in the Contract Agreement.

Project Supervision: The General Contractor shall be required at all times during construction activities to have a designated Project Supervisor at the work site. The Project Supervisor shall be experienced in all aspects of the project and will be responsible for on-site, day-to-day management of the project.

The Project Supervisor shall have:

- Practical written and verbal communication skills of the English language.
- Ability to read, understand, and accurately interpret the contract documents, plans, specifications, and survey stakes prepared for the project.
- Skilled knowledge of construction techniques.
- Ability to supervise the entire construction crew, including subcontractors.
- The experience and ability to identify existing and predictable hazards in the surrounding or working conditions, and the authority to take prompt corrective measures to resolve problems and/or eliminate them.
- A set of plans and quotation documents at the work site.

If the Contractor's Project Supervisor is not at the work site, the Contractor's office shall notify the City and all construction activities shall cease until such time as a qualified replacement arrives on site. No claims for financial adjustment due to inadequate project supervision shall be permitted by the City.

Sufficient People and Equipment: It is the intent of this specification that the Contractor has sufficient people and equipment on the job site capable of completing the job as specified. The Contractor must demonstrate this capability to the satisfaction of the Utilities Department. If at any time during the performance of the work, the Contractor's progress on any phase of the work falls behind, the Contractor, at no extra expense to the City, shall take such action as necessary to meet those completion dates including, but not limited to, working additional or longer shifts and employing more labor and equipment and/or to increase the efficiency of, improve the character of, augment the number of, or to substitute new tools, or equipment of the Contractor, as the case might be so as to secure the quality of work required.

Schedule: All work will need to be completed within 45 days of the Notice to Proceed being issued.

Access to the City will be available at all times and the Contractor may determine working hours, however, the City staff will only be available during normal, daytime, weekday working hours.

The Contractor shall include with the bid a material delivery schedule and a preliminary construction schedule. The Contractor shall furnish the City with a detailed schedule showing the activities, job duration, job start and finish dates, and manpower prior to mobilization.

There is no separate contractor entrance at the Platte Generating Station. There is one gate with a card access security system and the Contractor may request to use access cards rather than request entry and exit each trip. There is a \$25.00 charge for all access cards that are not returned when the job is completed.

Baselines, Benchmarks, and Control Points: All work shall be laid out from control points established by the City Utilities Department. The Contractor shall be responsible for executing the work to the lines and establishing grades. It shall be the Contractor's responsibility to maintain and preserve all baselines and control points. If such marks are destroyed by the Contractor, without prior authorization by the Utilities Department, all such lines, points, monuments and stakes shall be re-established by the Utilities Department, and the expense charged to the Contractor. The City Of Grand Island will verify all quantity volumes during construction.

Power Lines: The work site is at the City's power generating facility. There are existing high voltage energized electric power lines in the work area for this Contract. The Contractor shall use extreme caution such that personal safety is not jeopardized and electric continuity is maintained.

Any time the Contractor, sub-contractors, or their employees are working near overhead or underground power lines, they will be required to comply with the *Grand Island Electric Department Re-closer Disabling and Transmission Line Outage Policy*. The policy statement and inspection form are attached in Appendix "A".

Underground Installations: Existing underground installations (such as water mains, gas mains, sewers, telephone lines, power lines, and buried structures) in the vicinity of the work are to be verified by the Contractor. All utility locations shown on the plans are for information only and have not been field verified.

The Contractor shall be solely responsible for locating all existing underground installations. The Contractor shall use their own information and shall not rely upon any information indicated on the drawings concerning existing underground installations.

The Contractor shall proceed with caution during excavation so that the exact location of all such utilities, both known and unknown, may be determined and the Contractor shall be held responsible for the repair of such utilities when broken or otherwise damaged. All such utilities shall be accurately located,

including hand excavating by the Contractor as required, as incidental and performed prior to machine excavation in the vicinity.

Any delay, additional work, or extra cost to the Contractor caused by existing installations shall not constitute a claim for extra work, additional payment or damages.

Relations with Other Contractors: The Contractor shall cooperate with all other contractors and City crews who may be performing work in the vicinity of the work; and shall conduct their operations to minimize interference with the work of such contractors or employees. The Contractor shall promptly make good, at Contractor's own expense, any injury or damage that may be sustained to other contractors or employees of the City, caused by Contractor's actions or inactions.

Any difference or conflict (which may arise between the Contractor and other contractors, or between the Contractor and employees of the City, in regard to their work) shall be resolved as determined by the City. If the work of the Contractor is delayed because of any acts or omissions of any other contractor, the Contractor shall have no claim against the City.

Work Site: The Contractor and Contractor's employees shall confine their operations to the immediate construction area. They shall use due care in placing construction tools, equipment, excavated materials, and construction materials and supplies so as to cause the least possible damage to the property. The Contractor shall furnish and maintain all necessary safety equipment (such as barriers, signs, warning lights, and guards) and to provide adequate protection of persons and property.

Good housekeeping is essential, and shall be practiced throughout the construction period. The Contractor and Contractor's employees shall maintain a clean and safe work site free from trash and debris.

## **SECTION 200 – EARTHWORK**

Earthwork: All earthwork including excavation, embankment, subgrade preparation, hauling and stockpiling excess excavation will be subsidiary to the bid item for "4" Compacted Asph. Millings Surfacing".

Excess Excavation: Excess excavation shall remain the property of the City. The Contractor shall be required to remove, haul and stockpile excess excavation at sites designated by the Utilities Department.

Dust Control: The Contractor shall be required to keep dusty conditions, caused by construction operation, from being a source of complaint by adjacent property owners by methods approved by the Utilities Department.

Material for Fill areas: Material for fills shall be from the Platte Generating Station bottom ash located on site at Platte Generating Station. The Contractor shall be responsible for all excavation, loading and hauling for replacement of fill materials. If unsuitable material is encountered in the subgrade, the Contractor will be required to remove the unsuitable material and replace it with suitable, compacted material. This is to be subsidiary to the bid item for "4" Compacted Asph. Millings Surfacing".

Subgrade: The top six (6) inches of the final subgrade shall be scarified and rolled with a sheep's foot roller, with water added, if necessary, to obtain compaction to a density of not less than 95% of maximum dry density at optimum moisture content as determined by AASHTO Method T-99. A minimum of one successful density test, taken every 300 linear feet, will be required before the placement of any surfacing. All subgrade manipulation and testing is to be subsidiary to the bid item for "4" Millings".

Final Grading: Final grading shall include all work necessary to back fill behind the pavement surface. At the terminal point of the paving, grading shall be blended into existing grades. This is to be subsidiary to the bid item for "4" Compacted Asph. Millings Surfacing".

## SECTION 300 – EROSION CONTROL

General: The Contactor shall conduct the operations and maintain the work so that adequate drainage, wind and water erosion control are in place at all times.

The Contractor shall submit for acceptance, specific plans for accomplishing temporary erosion control, including that required for haul roads, plant sites, borrow pits, and disposal sites. No work shall start until the erosion control plans are accepted by the City. The plan shall be prepared in accordance with the Nebraska Department of Roads specifications, standard plan drawings, and approved products list. A plan that contains only general statements indicating that erosion control will be accomplished “according to accepted standards” is not acceptable. This work shall be subsidiary to other work for which payment is made. There shall be no separate payment for preparing the erosion control plan.

Description: This section defines some temporary measures and construction practices the Contractor may use to prevent soil erosion and avoid water pollution.

The Contractor shall exercise every reasonable precaution to prevent silting of rivers, streams, and drainways near the project site and adjacent property with petroleum products, chemicals, or other harmful materials.

All construction debris shall be disposed in a manner that it cannot enter any waterway. Waste excavation shall not be deposited in or so near to rivers, streams, or impoundments that it will be washed away by high water runoff.

All erosion control measures shall be properly maintained by the Contractor.

All erosion resulting from the Contractor’s operations and the elements must be corrected by the Contractor, at no additional cost to the City.

The contractor shall be responsible for evaluating the construction site and determining the need for and installing permanent erosion control structures (such as sediment traps, silt fence, ditch checks, etc.). The Contractor shall provide such measures during the construction period as well as during the times that work may be suspended.

## SECTION 400 – MILLING SURFACING

General: Milled surfacing of driving areas.

Millings –

- Placement of Millings shall be by methods that minimize segregation. Any damage to underlying or surrounding material or structures during placement of millings shall be repaired before proceeding with the work.
- Asphalt Millings shall be placed to full layer thickness in one lift to minimize segregation and avoid damage to underlying materials.
- A compaction of 95% Standard Proctor Density shall be attained. A minimum of one successful density test shall be taken every 300 linear feet.
- Bid item for “4” Compacted Asph. Millings Surfacing” is to include: millings, hauling, placement, compaction, and all activities pertinent to the installation of the milled surfacing.

## SECTION 600 – SEEDING

General: Areas disturbed from excavation in the area of grading, or as directed by the City, shall be reseeded. All work shall comply with applicable state and federal seed laws and with the *Seeding Handbook for County Federal Aid Secondary Roads, State of Nebraska Department of Roads*. This information can be found at: [www.dor.state.ne.us/docs/seedling-handbook.pdf](http://www.dor.state.ne.us/docs/seedling-handbook.pdf)

Seed Requirements: The seed mixture shall comply with the specification for State of Nebraska Area 4C as it pertains to the "Foreslope, Ditch, & Backslope Mixture" in the aforementioned handbook. A minimum 85% purity of seed shall be used. Seed shall be premixed prior to delivery and bagged in known acreage lots. The Contractor shall obtain from the seed dealer and furnish to the Utilities Department, an analysis of each type and lot of seed they propose to use. The analysis shall provide complete information on the seed as required by State and Federal seed laws.

Seeding Methods: The Contractor shall notify the City at least 48 hours in advance of the time they intend to begin work.

The Contractor shall prepare seed bed, seed and fertilize, and provide protection on slopes. The grass seed is to be delivered in containers showing analysis of seed mixture, percentage of pure seed, year of production, net weight, and date of packaging and location of packaging. Fertilizer is to be delivered in waterproof bags showing weight, chemical analysis, and name of manufacturer. Apply fertilizer at a rate of 250 pounds per acre, or as recommended by fertilizer manufacturer, uniformly over all areas to be seeded.

Seeding operations shall be performed only during the periods between March 1 and June 1 and between August 1 and December 31 except by express written permission from the City. No work shall be performed during excessively windy weather or when the ground is frozen, wet or otherwise untellable.

Not more than five days prior to the sowing of seed, the seed bed shall be prepared by loosening the soil to a depth of not less than two inches by discing, harrowing, raking or by other approved means. Several discings, harrowings, or similar means may be required to provide a satisfactory seedbed. Discing, harrowing and raking shall be longitudinal on all slopes.

Existing weed stubble and small weeds shall be cut and partially incorporated into the soil during the seedbed preparation work. All other growth of vegetation what will interfere with seeding operations shall be removed. Extreme care shall be exercised to avoid injury to trees and shrubs.

For seeding, approved mechanical power drawn drills, broadcast type seeder or hydraulic seeders may be used. When drills are used, they shall be equipped with press wheels or drag chains. When broadcast type seeders or hydraulic seeders are used, the seed shall be harrowed with the exception of slopes too steep to operate equipment on. Seeded areas should be packed to reduce evaporation and provide good soil-seed contact.

Hydraulic seeding equipment shall include a pump, rated and operated at 100 gallons per minute and at 100 pounds per square inch pressure. The equipment shall have a suitable pressure gauge and a nozzle adapted to the type of work. Storage tanks of irregular shapes shall have a means of estimating the volume used or remaining in the tank.

Mechanical power-drawn drills shall have depth bands set to maintain a planting depth of one-half inch to one inch.

Growing Media shall be existing topsoil, capable of sustaining vigorous plant growth, not in frozen or muddy condition, containing not less than 6% organic matter, and free from subsoil, slag, clay, stones, lumps, live plants, roots, sticks, noxious weeds, and foreign matter. All contaminated subsoil is to be removed. Cultivate subsoil to a depth of 3" with a layer of 6" of top soil spread over the area to be seeded. The topsoil is to be cultivated to a depth of 6" and raked until smooth. Grade soil to eliminate rough spots and low areas, where ponding may occur. Maintain a uniform smooth grade. The Contractor shall apply protective mulch within 48 hours after sowing the seed.

Mulching: Areas to be mulched shall be the same as the seeded area or as otherwise designated by the City. The Contractor shall furnish the necessary equipment, and assistance needed to insure that specified quantities of mulch are being placed. The mulch shall be loose enough to allow sunlight to

penetrate and air to slowly circulate, but thick enough to shade the ground, reduce the rate of water evaporation and prevent or reduce water or wind erosion.

**Mulch Requirements:** Mulch shall be either dry cured native hay or dry threshed grain straw applied at the rate of two tons per acre. Hay or straw shall be free from leafy spurge, spotted knapweed, other noxious weeds, and relatively free from all other weeds.

The Contractor shall apply protective mulch within 48 hours after sowing the seed. The mulch shall be applied with a mulch blowing machine or other approved methods at the rate specified.

Immediately following the spreading of the mulch, the material shall be anchored to the soil by a V-type wheel land packer, a soil erosion mulch tiller, or other suitable equipment which will secure the mulch firmly to form soil-binding mulch.

## SECTION 600 – MATERIAL QUANTITIES

QUANTITY LISTINGS		
ITEM	UNIT	QTY.
MOBILIZATION	LS	1
4" MILLINGS	SY	3073
SEEDING	AC	0.50
DEMOBILIZATION	LS	1

## GENERAL CONTRACT REQUIREMENTS

The work as detailed on the plans shall be completed in accordance with the requirements of the City of Grand Island Standard Specifications. The City of Grand Island Standard Specifications (found online at <http://www.grand-island.com/index.aspx?page=317&parent=1142>), including all amendments and additions thereto effective at the date of the contract, the Special Provisions, Technical Specifications, Drawings, and all supplementary documents are essential parts of the contract. A requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for a complete project.

In case of discrepancy:

1. Special Provisions and Technical Specifications shall govern over the City Of Grand Island Standard Specifications.
2. The Drawings shall govern over the Special Provisions and Technical Specifications unless otherwise interpreted by the Engineer.

The Contractor shall not take advantage of any apparent error or omission in the plans or specifications. Upon discovery of such an error or omission, the Contractor shall notify the Engineer for clarification. The Engineer will then make such corrections or interpretations as necessary to fulfill the intent of the plans and specifications. The decision of the Engineer is final.

## TECHNICAL DATA

- A. Engineering data covering all equipment and fabricated materials to be furnished under this contract shall be submitted to the Engineer for review. These data shall include drawings and descriptive information in sufficient detail to show the kind, size arrangement, and operation of the component material and devices: the external connections, anchorages, and supports required; performance characteristics; and dimensions needed for installations and correlation with other



materials and equipment. Data submitted shall include drawings showing essential details of any changes proposed by Contractor.

- B. No work shall be performed in connection with the fabrication or manufacture of material and equipment, nor shall any accessory or appurtenance be purchased, except at the Contractor's own risk and responsibility, until the drawings and data have been reviewed and approved by the Engineer.
- C. Four (4) copies of each submittal, drawing, and necessary data shall be submitted to the Engineer. Each drawing or data sheet shall be clearly marked with the name of the project, the Contractor's name, and references to applicable Specification paragraphs and drawing sheets. When catalog pages are submitted, the applicable items shall be identified. The Engineer shall return one (1) copy of the submittal to the Contractor with comments.
- D. When the drawings and data are returned marked RETURNED FOR CORRECTIONS, the corrections shall be made as noted thereon and as instructed by the Engineer and not less than four (4) corrected copies resubmitted.
- E. Unless otherwise directed by the Engineer, when drawings and data are returned marked EXCEPTIONS NOTED, the changes shall be made as noted thereon and not less than four (4) corrected copies shall be furnished to the Engineer.
- F. When the drawings and data are returned marked NO EXCEPTIONS NOTED, two (2) copies shall be returned to the Contractor, two copies shall be retained for the Engineer.
- G. The Engineer's review of drawings and data submitted by the Contractor shall cover only general conformity to the Drawings and Specifications, external connections, and dimensions which affect the layout. The Engineer's review of drawings and data returned marked NO EXCEPTIONS NOTED or EXCEPTIONS NOTED does not indicate a thorough review of all dimensions, quantities, and details of the material, equipment, devices, or items shown and does not relieve the Contractor from any responsibility for errors or deviations from the contract requirements.
- H. All drawings and data, after final processing by the Engineer, shall become a part of the Contract Documents and the Work shown or described thereby shall be performed in conformity therewith unless otherwise authorized by the Owner or the Engineer.

## **PROGRESS SCHEDULES**

- A. Procedure:
  1. Submit a preliminary progress schedule to the Owner.
  2. After Owner's review, revise and resubmit to comply with Owners review.
  3. Submit revised progress schedule every two (2) weeks or according to a schedule agreed upon by the Owner.
- B. Show complete sequence of construction, by activity, with dates for beginning and completing each element of construction.
- C. Provide subcontractors activity schedules.
- D. Provide separate schedule of submittal dates for shop drawings, product data, and samples, including Owner-furnished products, and dates that reviewed submittals shall be required from the Owner and Engineer. Indicate delivery data for products.
- E. Schedules shall be in a form that is acceptable to the Owner.

- F. Distribute copies of reviewed schedules to the project file, the subcontractors, the suppliers, and the Engineer.
- G. Instruct recipient to promptly report in writing any problems anticipated by projections indicated in schedules.

### **AS-BUILT DOCUMENTATION**

- A. The contractor shall be responsible for accurately noting any deviations from the plans on a final set of plans so that As-Built drawings may be finalized.

### **QUALITY ASSURANCE**

- A. Quality Assurance shall consist of inspection and testing performed by the Quality Assurance Team and third party laboratory retained by the Owner, under the direction of the Engineer.

### **REFERENCES**

- A. The Contractor shall conform to current reference standards as of the date of the Contract Documents unless specifically specified otherwise.
- B. Should specified reference standards conflict with Contract Documents, the Contractor shall request clarification from the Engineer before proceeding.
- C. The contractual relationship of the parties to the Contract shall not be altered from the Contract Documents by mentioning or inference otherwise in any reference document.

### **FIELD INSPECTION, SAMPLING, AND TESTING**

- A. The Contractor shall maintain access at all times for quality assurance personnel to perform inspections, sampling, and testing. At no time shall the Contractor deny quality assurance personnel, Engineer, or Owner access to any Work area, fabrication area, staging area, or any other area associated with Work
- B. The Contractor shall make allowance for the quality assurance testing to be performed and divert equipment elsewhere during the required quality assurance testing.
- C. There is no provision for claims of delays due to quality assurance functions. Should the Contractor feel that delays are being incurred due to quality assurance activities, he shall notify the Engineer in writing, documenting in detail the date, time, and quality assurance activity of each occurrence. Should the Engineer determine that excessive time is being spent on quality assurance activities causing delay to the Work, corrective action will be taken.
- D. If any Work should be covered up without prior approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination. After the uncovered Work has been observed and authorization given by the Engineer, the Work shall be re-covered in accordance with the Specifications. The cost of uncovering and re-covering the Work and any consequential costs shall be borne entirely by the Contractor regardless of the condition of the Work uncovered. If the uncovered Work is found to be deficient, the Contractor shall expose all Work, correcting the deficient Work, and any consequential costs shall be borne entirely by the Contractor.

- E. All Work performed by the Contractor shall meet the approval of the Engineer. The method and manner of doing the Work will be under the control of the Contractor.

## **CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS**

### **POWER**

- A. Contractor shall provide his own temporary power needs.

### **CONSTRUCTION WATER**

- A. Water for dust control on haul roads, for moisture conditioning of borrow material to be placed as fill, and for maintaining moisture levels of in-place fill soils will be available on site through a fire hydrant connection. Water will be available at a location determined by the Owner.

### **SURFACE WATER CONTROL**

- A. The Contractor shall install ditches and/or channels and construct facilities to control precipitation runoff.
- B. The Contractor shall provide temporary erosion protection for prepared surfaces, finished excavations, or other potential erosion areas, or as directed by the Engineer, until all such portions of the Work have been accepted by the Owner.
- C. If precipitation of runoff damage occurs prior to acceptance of the Work by the Owner, repair of the damaged Work in accordance to these Specifications shall be at the Contractors expense.
- D. All temporary and final design storm water diversion ditches and/or channels shall be installed prior to site grading in accordance with the Clean Water Act.

### **WORK LIMITS**

- A. The Contractor shall confine apparatus, equipment, the storage of materials, and the operation of workmen to the limits indicated by law, ordinances, permits, or as directed by the Owner.
- B. The Contractor shall avoid unreasonably encumbering the premises with materials or equipment.
- C. The Contractor shall not present a hazard to the Owner's personnel and equipment or to the public.
- D. The Contractor shall avoid interfering with the Owner's operations.
- E. The Contractor shall use existing road whenever possible.
- F. The Contractor shall minimize construction of new roads.
- G. The Contractor shall keep the site neat, tidy, and free of waste materials or rubbish.
- H. The Contractor shall store and dispense fuel, lubricating oils, and chemicals in such a manner as to prevent or contain spills and prevent said materials from reaching local streams or groundwater according to applicable regulatory requirements.
- I. The Contractor shall dispose of waste in accordance with state and local regulations.

- J. The Contractor shall keep Material Safety Data Sheets (MSDS) on file at the site for all hazardous materials.
- K. The Contractor shall avoid damage to monitoring wells or any other instrumentation at the site.
- L. The Contractor shall notify Owner prior to construction if monitoring wells or instrumentation is in conflict with the Work.

**TRAFFIC CONTROL**

- A. The Owner's operational and site traffic has the right-of-way at all times.
- B. The Contractor shall provide a flag person at intersections with limited visibility and heavy traffic volume.
- C. A parking area will be designated by the Owner for the Contractor personnel's private vehicles. The Contractor shall provide busses or vans as necessary to transport personnel from the parking area to the Work area.

# APPENDIX "A"

## GRAND ISLAND ELECTRIC DEPARTMENT RECLOSER DISABLING AND TRANSMISSION LINE OUTAGE POLICY

**Effective Date:** January 1, 1996

**Revision Date:** October 2, 1995

**Audience:** The following policy concerns Contractors and employees working on or near the overhead or underground 13.8 kV and overhead 115 kV power lines of the Grand Island Electric Department.

**Background, Distribution:** Overcurrent relays on 13.8 kV distribution feeders detect faults, causing the faulted circuit to be de-energized. Normally these faults are temporary and self clearing, caused by lightening, squirrels, or failed surge arrestors. Operation of line fuses also result in self clearing faults. No means exists to automatically determine the location and cause of a fault, be it permanent or temporary. Manually inspecting feeders prior to restoration, to determine the cause of a fault, would needlessly prolong customer outage times.

Since self clearing faults far outnumber permanent faults, a reclosing relay automatically causes a faulted circuit to be re-energized. If the fault persists, the circuit eventually remains de-energized and must be closed manually, after the problem is found and corrected.

The Power Dispatchers can disable the automatic reclosing feature. This is routinely done when Electric Department crews are performing hot line work. The reclosers can also be disabled for construction work in the vicinity of the 13.8 kV distribution circuits. If a feeder outage occurs while a recloser is disabled, the safety of the workers must be confirmed before the circuit is restored to operation. Immediate communication with the job site is necessary to minimize outage times.

The option to disable reclosers for construction work rests solely with the Electric Department; those requesting disabling of reclosers must comply with the following policy.

**Background, Transmission:** The 115 kV transmission system is looped. Generally, any one section of the transmission system can be de-energized without effecting power delivery. However, reliability is severely decreased.

Occasionally a section of the 115 kV transmission line is removed from service, to facilitate activities adjacent to the line. The circuit breakers at each end of the line section are opened, leaving the disconnect switches closed and the conductor ungrounded. Failure of another portion of the 115 kV loop will result in a major outage. The line section originally removed from service must be restored immediately. The restoration can be accomplished, remotely, from the Phelps Control Center, but first the persons requesting the removal from service must be notified. Again, immediate communications with the job site is essential.

The option to remove a section of the 115 kV line from service, to facilitate construction work rests solely with the Electric Department, those making such a request must comply with the following policy.

(Recloser Disabling and Transmission Line Outage Policy October 2, 1995)

**Caution:** The recloser disabling and transmission line de-energizing are safety features only. The distribution feeders will remain energized. The transmission line section can not be considered de-energized until visible air break disconnect switches are opened at each end of the line section and the conductors are grounded.

**Policy for Disabling Reclosers and Opening a 115 kV Line Section:**

1. The work location must be inspected by a representative of the Electric Department prior to a request to remove the recloser or transmission line from service. Usually the representative of the Electric Department will be Ray Micek (385-5472), Randy Leiser (385-5470), or Tom Barnes (385-5463).
2. If the Electric Department representative determines that disabling a recloser or removing a transmission line section is desirable and feasible, they will obtain:
  - a. The name of the Company making the request.
  - b. The name of the job superintendent at the work location.
  - c. The telephone number at the job site.
  - d. The exact work location.
  - e. A general description of the work to be performed.
  - f. Approximate dates over which the work will be accomplished.
  - g. The name of the supervisor at the Company headquarters.
  - h. The address and telephone number of Company headquarters.
3. The Electric Department representative will provide a copy of the above information to the Phelps Control Center Dispatchers. The representative will also determine the distribution feeder number or transmission line section that will be affected.
4. Prior to beginning work each day, the job superintendent will call the Phelps Control Center (385-5461) requesting: (1) the recloser(s) for the feeder(s) in the vicinity of the work location be disabled or (2) the transmission line section in the vicinity of the work location be removed from service. In so doing, the job superintendent will provide the following information to the Dispatcher:
  - a. The name of the Company making the request.
  - b. The name of the job superintendent at the work location.
  - c. The telephone number at the job site.
  - d. The exact work location.
  - e. A general description of the work to be performed.
  - f. The request that the associated recloser(s) or transmission line section be removed from service.
  - g. The approximate time the work will be completed and the system restored.

If the requested action can not be performed the Dispatcher will inform the caller immediately.

## (Recloser Disabling and Transmission Line Outage Policy)

October 2, 1995)

5. If requested action can be performed the telephone connection will then be broken. The Dispatcher will return the call to the telephone number of the job site confirming compliance with the requested action.
6. As long as the recloser is disabled or the transmission line section out of service, a job superintendent with a telephone will remain at the work location. (The Electric Department will randomly check for compliance.) Should a fault occur on the feeder or the transmission line section need to be returned to service, the Dispatcher will confirm, via telephone with the job superintendent, the safety of the workers. After this confirmation, the electric system will be restored.
7. At the end of each work day, the job superintendent will notify Dispatcher that the recloser can be enabled or the transmission line section can be returned to service.
8. Regardless of notification from the job superintendent: Reclosers will be restored at dusk each day. The transmission line section will be returned to service by 5:00 pm each day. Neither will be removed from service again until requested by the job superintendent.
9. If the job superintendent/Company fails to comply with this Policy, reclosers and transmission line sections will not be removed from service at their request.

-- End of Policy --



## Inspection Form for Recloser Disable or Transmission Line Opening

This form is for the use of the Electric Department Representative to gather information pertinent to removing distribution system reclosers and transmission line sections from service to facilitate construction activity by contractors. A separate form will be required for each work location and contractor.

### Company Details

Company \_\_\_\_\_ Supervisor / Manager \_\_\_\_\_

Office Telephone Number \_\_\_\_\_

### Work Location Details

Superintendent \_\_\_\_\_ Job Site Phone Number \_\_\_\_\_

Exact Work Location \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

### Work Being Performed

General Description \_\_\_\_\_

\_\_\_\_\_

If Parallel to Pole Line: \_\_\_\_\_ feet distant from closest conductor.

If Crossing Pole Line: \_\_\_\_\_ feet from closest pole.

Starting Date \_\_\_\_\_ Anticipated Ending Date \_\_\_\_\_

### Utility Information

If Recloser Disable Request . . . Feeder(s) Numbered: \_\_\_\_\_

If Transmission Line Section Opened . . . Line Number \_\_\_\_\_  
between Subs \_\_\_\_\_ & \_\_\_\_\_

\_\_\_\_\_  
Supervisor

\_\_\_\_\_  
Date

# **PROJECT DRAWINGS**

Platte Generating Station Paving Project C-105

**MINIMUM INSURANCE REQUIREMENTS**  
**CITY OF GRAND ISLAND, NEBRASKA**

The successful bidder shall obtain insurance from companies authorized to do business in Nebraska of such types and in such amounts as may be necessary to protect the bidder and the interests of the City against hazards or risks of loss as hereinafter specified. This insurance shall cover all aspects of the Bidder's operations and completed operations. Failure to maintain adequate coverage shall not relieve bidder of any contractual responsibility or obligation. Minimum insurance coverage shall be the amounts stated herein or the amounts required by applicable law, whichever are greater.

**1. WORKERS COMPENSATION AND EMPLOYER'S LIABILITY**

This insurance shall protect the Bidder against all claims under applicable State workers compensation laws. This insurance shall provide coverage in every state in which work for this project might be conducted. The liability limits shall not be less than the following:

Workers Compensation	Statutory Limits
Employers Liability	\$100,000 each accident
	\$100,000 each employee
	\$500,000 policy limit

**2. BUSINESS AUTOMOBILE LIABILITY**

This insurance shall be written in comprehensive form and shall protect the Bidder, Bidder's employees, or subcontractors from claims due to the ownership, maintenance, or use of a motor vehicle. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 Combined Single Limit
---------------------------------	----------------------------------

**3. COMPREHENSIVE GENERAL LIABILITY**

The comprehensive general liability coverage shall contain no exclusion relative to explosion, collapse, or underground property. The liability limits shall be not less than the following:

Bodily Injury & Property Damage	\$ 500,000 each occurrence
	\$1,000,000 aggregate

**4. UMBRELLA LIABILITY INSURANCE**

This insurance shall protect the Bidder against claims in excess of the limits provided under employer's liability, comprehensive automobile liability, and commercial general liability policies. The umbrella policy shall follow the form of the primary insurance, including the application of the primary limits. The liability limits shall not be less than the following:

Bodily Injury & Property Damage	\$1,000,000 each occurrence
	\$1,000,000 general aggregate

**5. ADDITIONAL REQUIREMENTS**

The City may require insurance covering a Bidder or subcontractor more or less than the standard requirements set forth herein depending upon the character and extent of the work to be performed by such Bidder or subcontractor.

Insurance as herein required shall be maintained in force until the City releases the Bidder of all obligations under the Contract.

The Bidder shall provide and carry any additional insurance as may be required by special provisions of these specifications.

#### **6. CERTIFICATE OF INSURANCE**

Satisfactory certificates of insurance shall be filed with the City prior to starting any work on this Contract. **The certificates shall show the City as an additional insured on all coverage except Workers Compensation. The certificate shall state that thirty (30) days written notice shall be given to the City before any policy is cancelled (strike the "endeavor to" wording often shown on certificate forms). If the bidder cannot have the "endeavor to" language stricken, the bidder may elect to provide a new certificate of insurance every 30 days during the contract. Bidder shall immediately notify the City if there is any reduction of coverage because of revised limits or claims paid which affect the aggregate of any policy.**

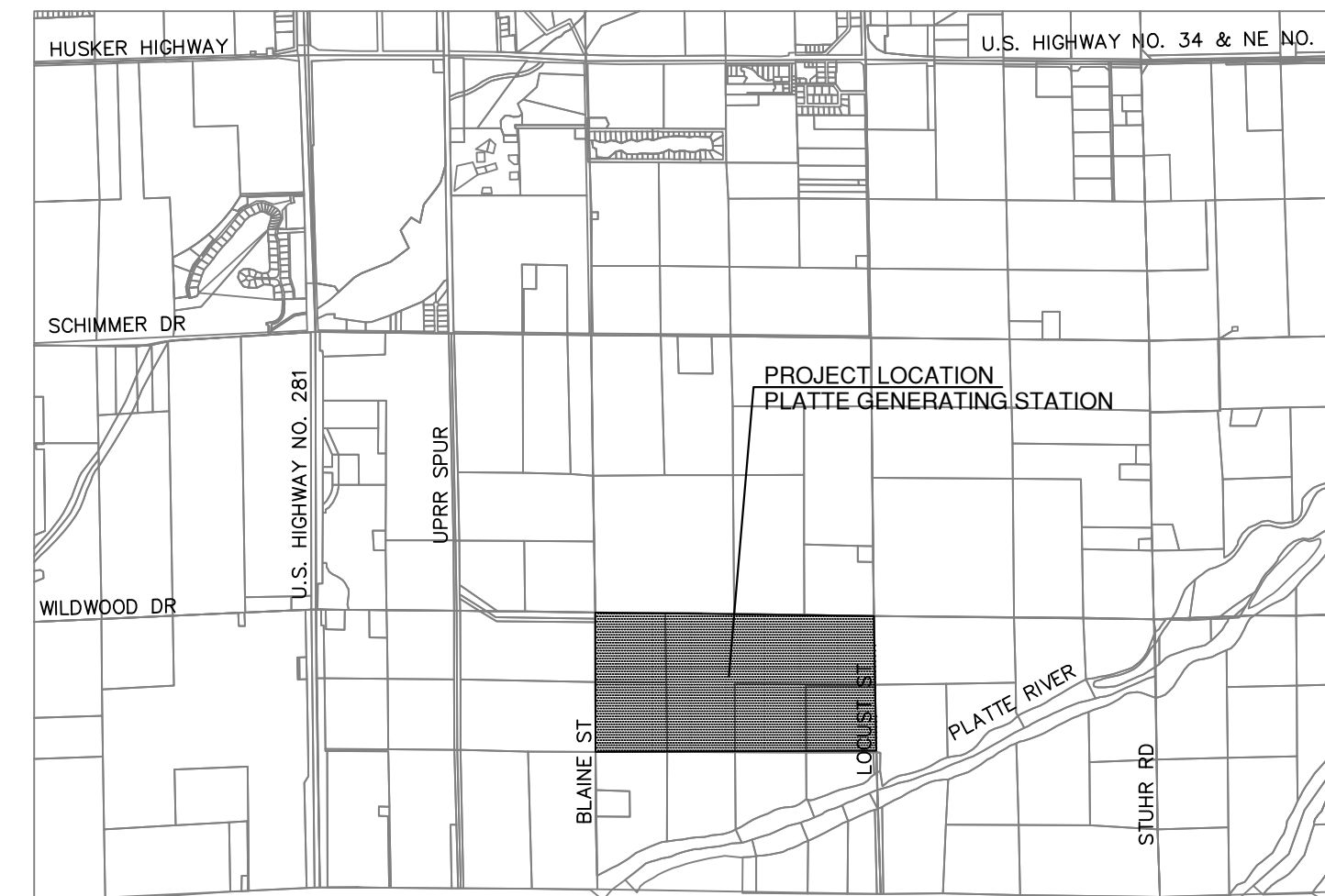
# PLATTE GENERATING STATION PAVING PROJECT

## 2011-PGS-P-1

**GENERAL NOTES**

- 1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH CITY OF GRAND ISLAND STANDARD PLANS AND SPECIFICATIONS.
- 2.) ALL CONCRETE SHALL BE TYPE 47-B.
- 3.) REMOVAL & DISPOSAL OF EXISTING CONCRETE HEADERS SHALL BE CONSIDERED SUBSIDIARY TO THE CONSTRUCTION OF THE ROADWAY.
- 4.) THE CONTRACTOR SHALL PLACE COMPACTED FILL AND GRADE THE AREAS INDICATED ON THESE PLANS AND/OR AS DIRECTED BY THE UTILITY DEPARTMENT.
- 5.) SHOULD ADDITIONAL MATERIAL BE REQUIRED THE CONTRACTOR WILL OBTAIN THE MATERIAL ONLY FROM THE DESIGNATED BORROW AREA ON SITE TO BE DESIGNATED BY THE UTILITY DEPARTMENT.
- 6.) ALL EXCAVATED AND/OR SURPLUS MATERIAL SHALL BE SEPARATED AS TO IT'S TYPE AND STOCKPILED AND/OR SPREAD AT A LOCATION TO BE DETERMINED BY THE UTILITY DEPARTMENT.
- 7.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXPENSE AND COORDINATION OF ALL REQUIRED TESTING.
- 8.) THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.

**LOCATION MAP**



QUANTITY ESTIMATE STA. 0+00 TO STA. 15+00		
ITEM	UNIT	QTY.
MOBILIZATION	L.S.	1
4" COMPACTED ASPH. MILLINGS SURFACING	S.Y.	3072.4
SEEDING	AC.	0.7
DEMOBILIZATION	L.S.	1

**SURVEY CONTROL**

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	10000.0000	9975.0000	1864.940	CTR PLANT MON
2	9200.0000	9975.0000	1866.520	SOUTH PLANT MON
3	10000.0600	9175.1600	1864.410	WEST PLANT MON

**SHEET INDEX**

- SHEET 1 OF 6 - COVER SHEET
- SHEET 2 OF 6 - STA. 0+00 TO STA. 5+00
- SHEET 3 OF 6 - STA. 5+00 TO STA. 10+00
- SHEET 4 OF 6 - STA. 10+00 TO STA. 15+00
- SHEET 5 OF 6 - STA. 15+00 TO STA. 20+00
- SHEET 6 OF 6 - STA. 20+00 TO STA. 22+75  
GENERAL INFORMATION

**CONSTRUCTION POINTS**

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1000	9753.5649	10147.6526	1867.530	0+00
1001	9282.7370	10164.7994	1866.520	4+71.14 PC
1002	9226.9782	10142.8852	1866.490	5+32.77 PT
1003	9175.6846	10091.5917	1867.400	6+05.31 PC
1004	9117.1053	9949.9603	1868.250	7+62.60 PT
1005	9117.5465	9533.3805	1868.210	11+79.18 PC
1006	9167.6810	9217.8263	1870.940	15+00
1007	9306.8181	8941.0193	1870.050	18+11 PT
1008	9314.6459	8929.9959	1870.020	18+24.52 PC
1009	9558.4328	8700.5531	1870.520	21+61.50 PT
1010	9654.7844	8640.5646	1870.600	22+75
1011	9285.2845	10152.6277	0.000	5' RAD. PT.
1012	9290.2880	10151.0970	0.000	E/RD PC
1013	9285.6102	10157.6901	1866.660	E/RD PT
1014	9252.9081	10188.1831	0.000	20' RAD. PT.
1015	9258.2218	10168.9019	1866.370	E/RD PC

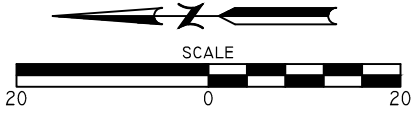
**CONSTRUCTION POINTS**

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1016	9238.7660	10174.0410	0.000	E/RD PT
1017	9196.0251	10135.9738	0.000	10' RAD. PT.
1018	9203.0962	10143.0448	0.000	E/RD PC
1019	9203.0962	10128.9027	1866.690	E/RD PT
1020	9143.8461	9337.1821	1869.580	E/RD PC
1021	9169.4635	9298.1279	1870.200	E/RD PT
1022	9162.4178	9286.0230	1870.310	E/RD PC
1023	9156.1095	9282.9405	1870.450	E/RD PT
1024	9588.3664	8690.1623	1870.740	E/RD PC
1025	9632.4550	8705.4848	1870.400	E/RD PT
1026	9645.6306	8700.7513	1870.400	E/RD
1027	9640.2467	8685.7682	1870.520	E/RD PC
1028	9652.6233	8650.1559	1870.750	E/RD PT
1029	9668.4793	8675.6233	0.000	30' RAD. PT.
1030	9604.2224	8715.6297	0.000	30' RAD. PT.

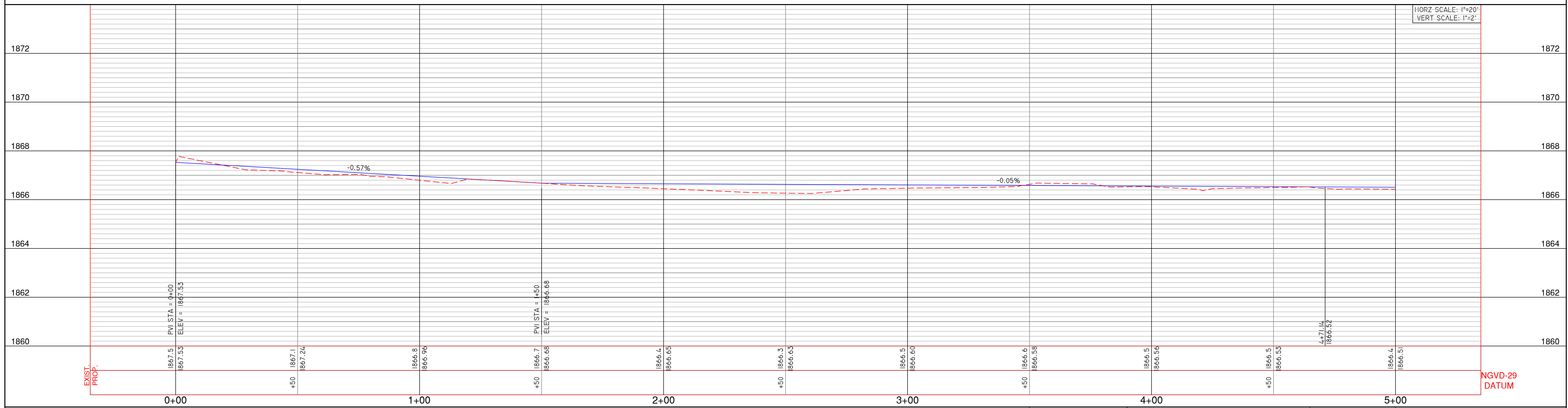
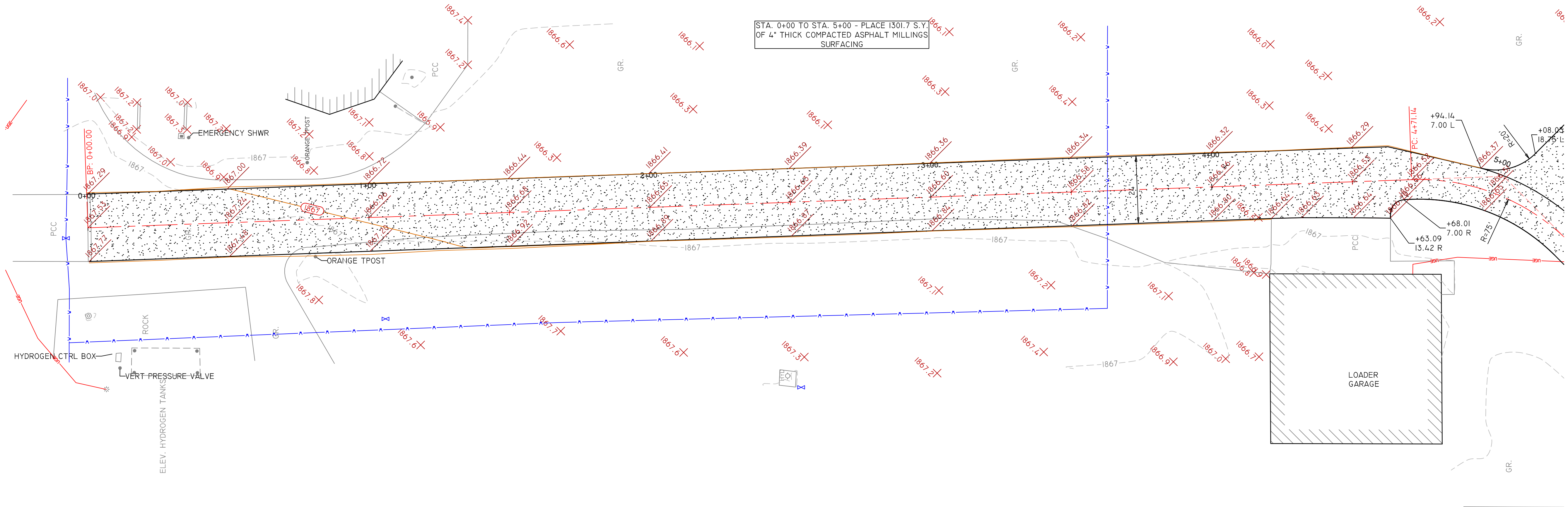


ENGINEER

DATE

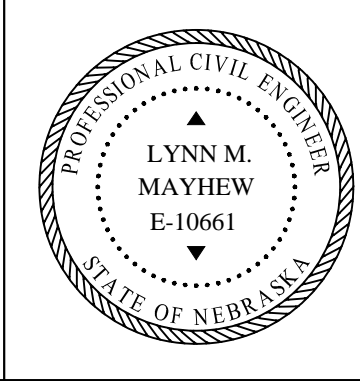


STA. 0+00 TO STA. 5+00 - PLACE 1301.7 S.Y.  
OF 4" THICK COMPACTED ASPHALT MILLINGS  
SURFACING



**LEGEND**

-v-	EXISTING WATER MAIN	-ss-	SANITARY SEWER
-w-	WATER MAIN TO BE INSTALLED	-u-g-	U.G. CABLE T.V. LINE
-p-	WATER MAIN TO BE PUSHED	-f-	FIRE HYDRANT TO BE INSTALLED
-r-	RIGHT OF WAY/PROPERTY LINE	-v-	EXISTING FIRE HYDRANT
-t-	U.G. TELEPHONE LINE	-v-	VALVE TO BE INSTALLED
-g-	U.G. GAS LINE	-v-	EXISTING VALVE
-e-	U.G. ELECTRICAL LINE	-p-	POWER POLE
-o-	OVERHEAD ELECTRICAL LINE	-m-	MANHOLE
-st-	STORM SEWER	-s-	SOIL BORE LOCATION



REVISIONS		
DATE	BY	DESCRIPTION

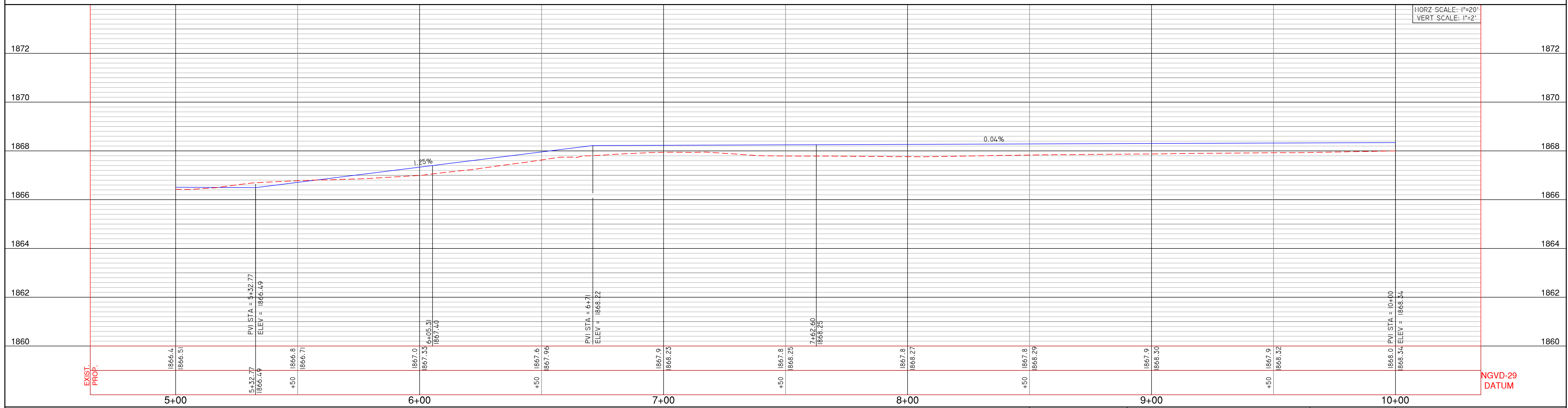
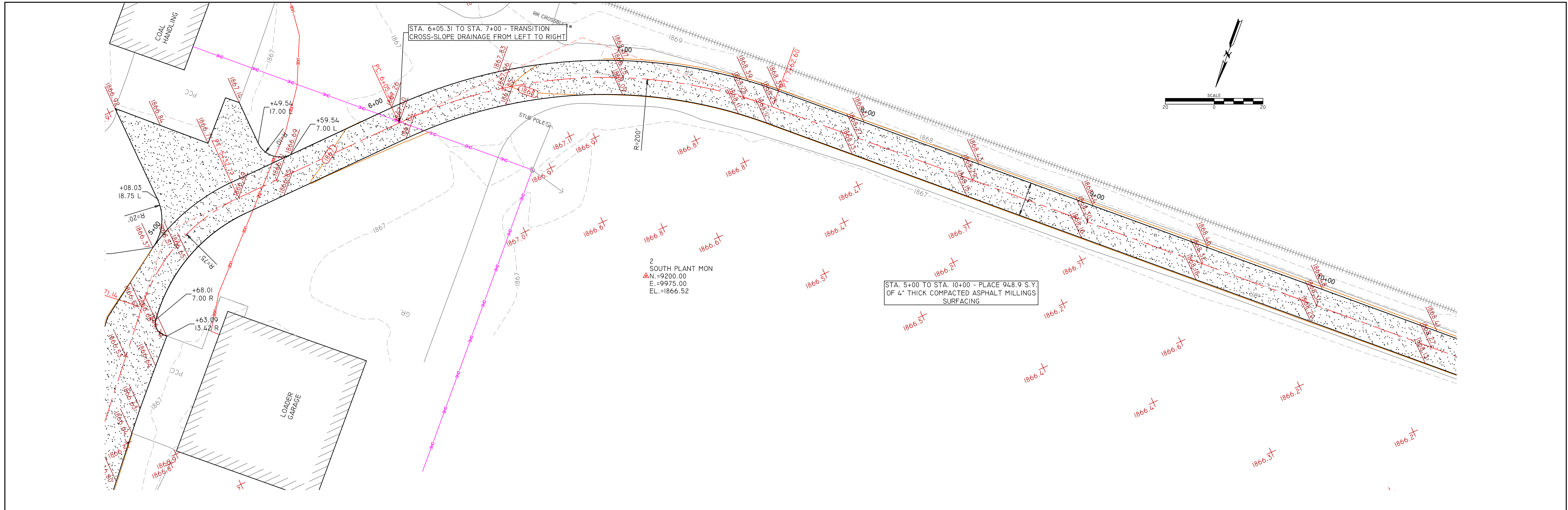
SURV. BY: BH  
DATE: 4/2011  
DR. BY: TDZ  
DATE: 6/28/2011  
CHK. BY: RS  
DATE: 6/29/2011  
APPR. BY: LMM  
DATE:  
HORZ.: 1"=20'  
VERT.: 1"=2"

**CITY OF GRAND ISLAND**  
UTILITIES DEPARTMENT

2011-PGS-P-1  
PLATTE GENERATING STATION  
PAVING PROJECT

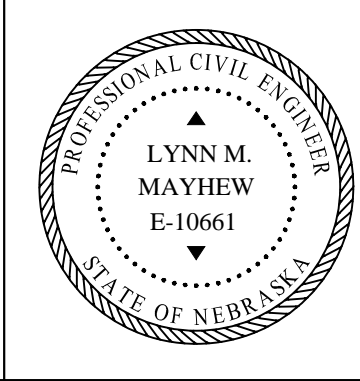
DRAWING NO.: **C-105**

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**LEGEND**

—v—	EXISTING WATER MAIN	—ss—	SANITARY SEWER
—w—	WATER MAIN TO BE INSTALLED	—t—	U.G. CABLE T.V. LINE
—p—	WATER MAIN TO BE PUSHED	—f—	FIRE HYDRANT TO BE INSTALLED
—r—	RIGHT OF WAY/PROPERTY LINE	—h—	EXISTING FIRE HYDRANT
—t—	U.G. TELEPHONE LINE	—v—	VALVE TO BE INSTALLED
—g—	U.G. GAS LINE	—v—	EXISTING VALVE
—e—	U.G. ELECTRICAL LINE	—p—	POWER POLE
—o—	OVERHEAD ELECTRICAL LINE	—m—	MANHOLE
—st—	STORM SEWER	—s—	SOIL BORE LOCATION



REVISIONS		
DATE	BY	DESCRIPTION

SURV. BY: BH	DATE: 4/2011
DR. BY: TDZ	DATE: 6/28/2011
CHK. BY: RS	DATE: 6/29/2011
APPR. BY: LMM	DATE:
HORIZ.: 1"=20'	VERT.: 1"=2"

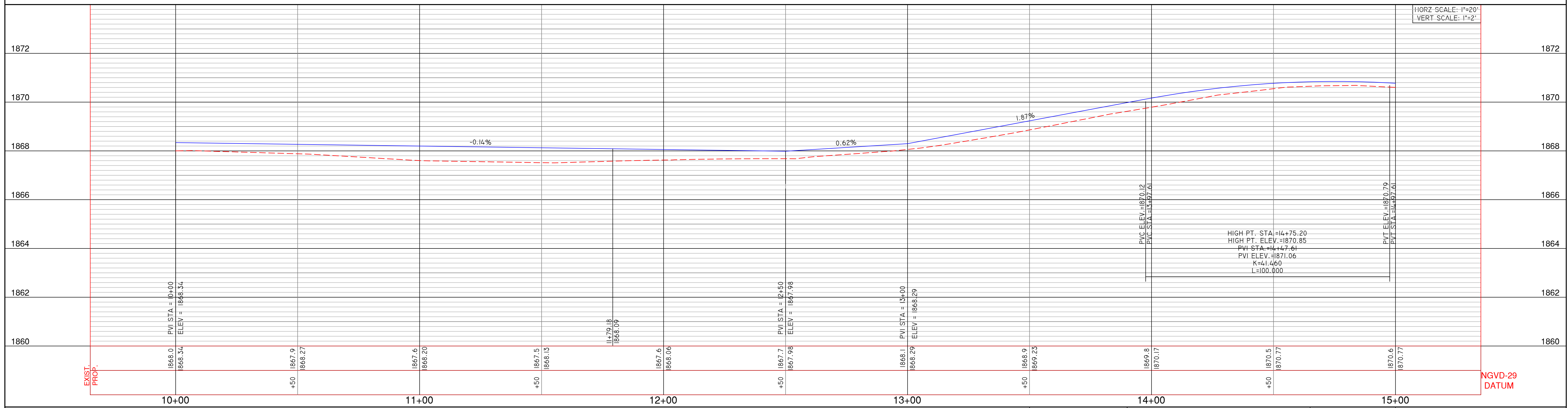
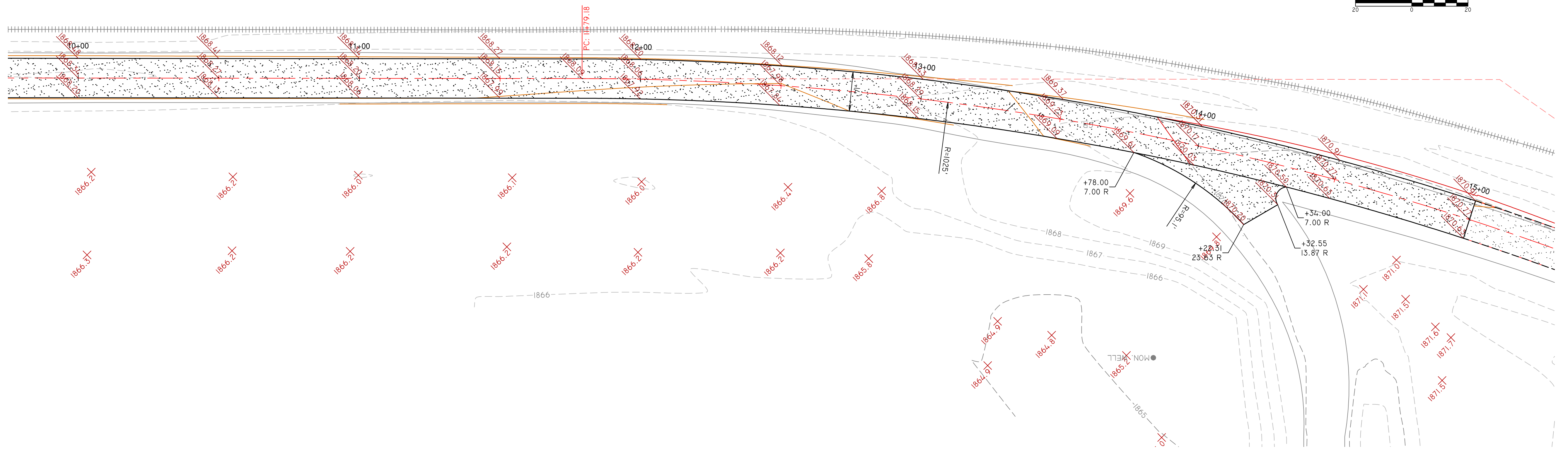
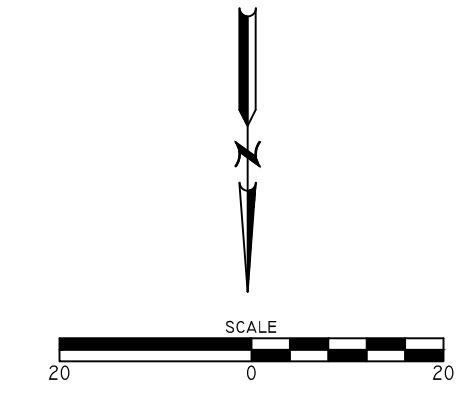
**CITY OF GRAND ISLAND**  
**UTILITIES DEPARTMENT**

2011-PGS-P-1  
 PLATTE GENERATING STATION  
 PAVING PROJECT

DRAWING NO.: **C-105**

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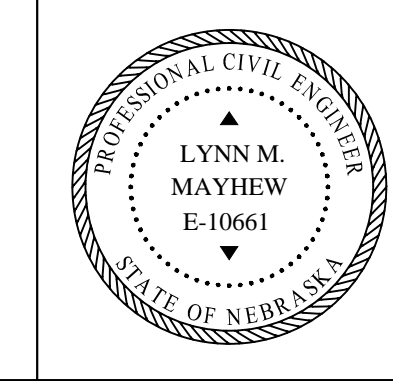
STA. 10+00 TO STA. 15+00 - PLACE 821.8 S.Y.  
OF 4" THICK COMPACTED ASPHALT MILLINGS  
SURFACING



HORZ SCALE: 1"=20'  
VERT SCALE: 1"=2'

**LEGEND**

-v-	EXISTING WATER MAIN	-ss-	SANITARY SEWER
-w-	WATER MAIN TO BE INSTALLED	-u.g. c-	U.G. CABLE T.V. LINE
-p-	WATER MAIN TO BE PUSHED	-f-	FIRE HYDRANT TO BE INSTALLED
-r-	RIGHT OF WAY/PROPERTY LINE	-o-	EXISTING FIRE HYDRANT
-t-	U.G. TELEPHONE LINE	-v-	VALVE TO BE INSTALLED
-g-	U.G. GAS LINE	-x-	EXISTING VALVE
-e-	U.G. ELECTRICAL LINE	-p-	POWER POLE
-o-	OVERHEAD ELECTRICAL LINE	-m-	MANHOLE
-st-	STORM SEWER	-s-	SOIL BORE LOCATION



REVISIONS		
DATE	BY	DESCRIPTION

SURV. BY: BH	DATE: 4/2011
DR. BY: TDZ	DATE: 6/28/2011
CHK. BY: RS	DATE: 6/29/2011
APPR. BY: LMM	DATE:
HORIZ.: 1"=20'	VERT.: 1"=2'

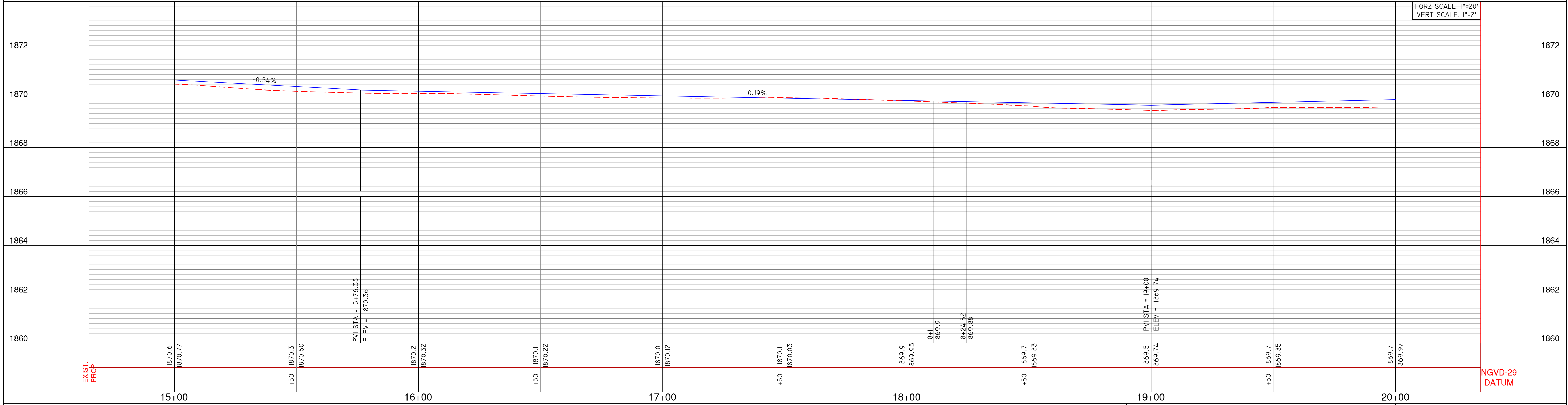
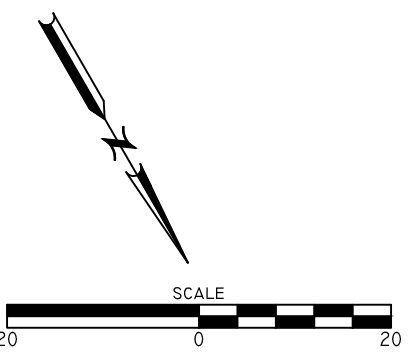
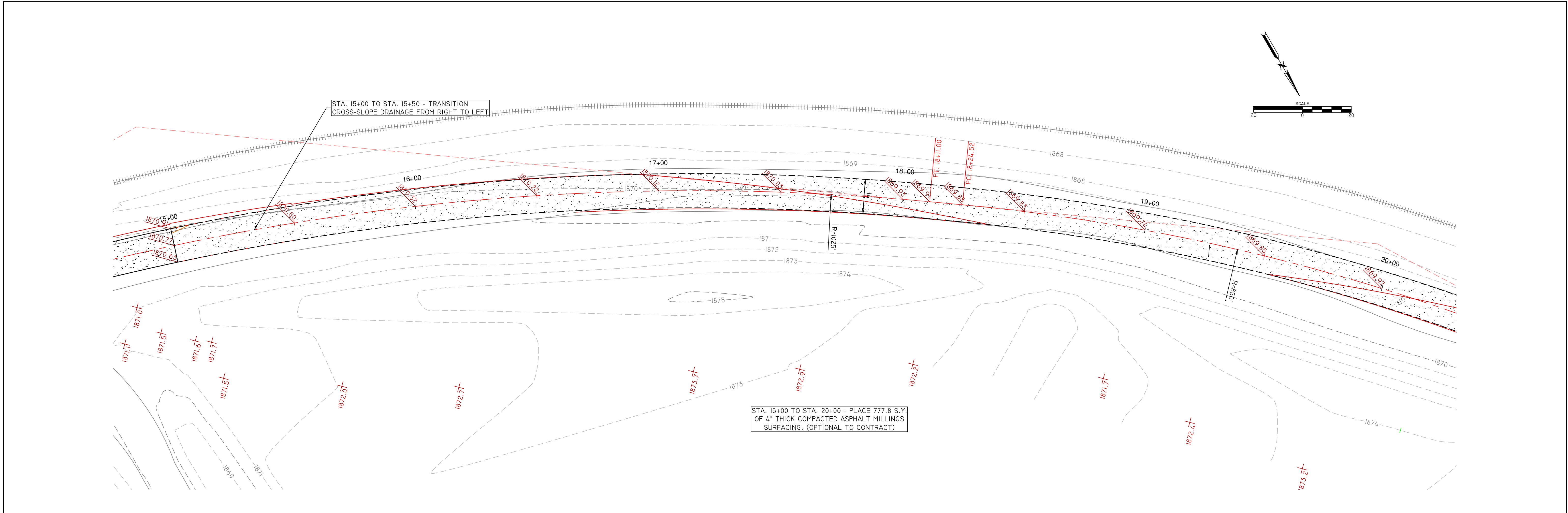
**CITY OF GRAND ISLAND**  
UTILITIES DEPARTMENT

2011-PGS-P-1  
PLATTE GENERATING STATION  
PAVING PROJECT

DRAWING NO.: **C-105**

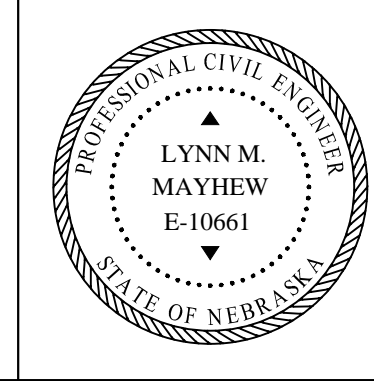
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**LEGEND**

—v—	EXISTING WATER MAIN	—ss—	SANITARY SEWER
—w—	WATER MAIN TO BE INSTALLED	—tv—	U.G. CABLE T.V. LINE
—p—	WATER MAIN TO BE PUSHED	●	FIRE HYDRANT TO BE INSTALLED
—r—	RIGHT OF WAY/PROPERTY LINE	⊙	EXISTING FIRE HYDRANT
—t—	U.G. TELEPHONE LINE	⊗	VALVE TO BE INSTALLED
—g—	U.G. GAS LINE	⊕	EXISTING VALVE
—e—	U.G. ELECTRICAL LINE	⊖	POWER POLE
—x—	OVERHEAD ELECTRICAL LINE	⊕	MANHOLE
—st—	STORM SEWER	⊖	MANHOLE
		⊕	SOIL BORE LOCATION



REVISIONS		
DATE	BY	DESCRIPTION

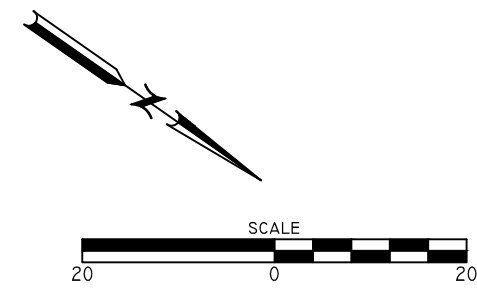
SURV. BY: BH  
DATE: 4/2011  
DR. BY: TDZ  
DATE: 6/28/2011  
CHK. BY: RS  
DATE: 6/29/2011  
APPR. BY: LMM  
DATE:  

CITY OF  
**GRAND ISLAND**  
UTILITIES DEPARTMENT

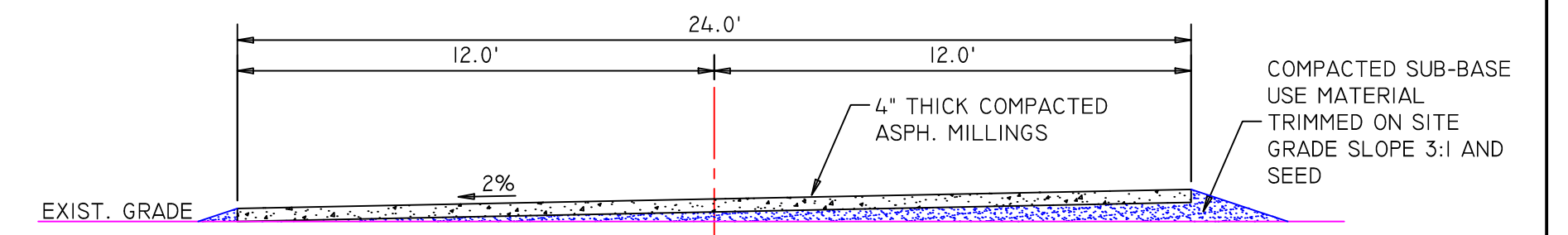
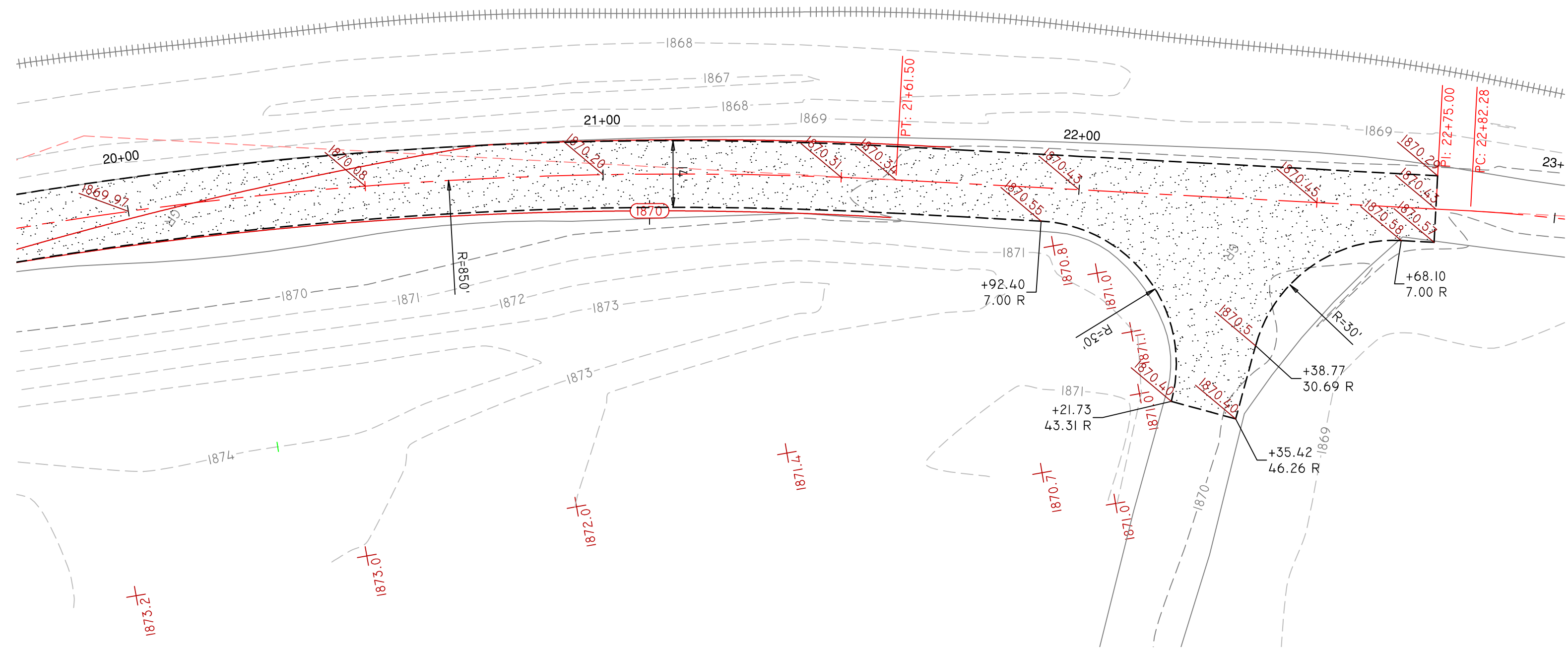
2011-PGS-P-1  
PLATTE GENERATING STATION  
PAVING PROJECT

DRAWING NO.:  
**C-105**

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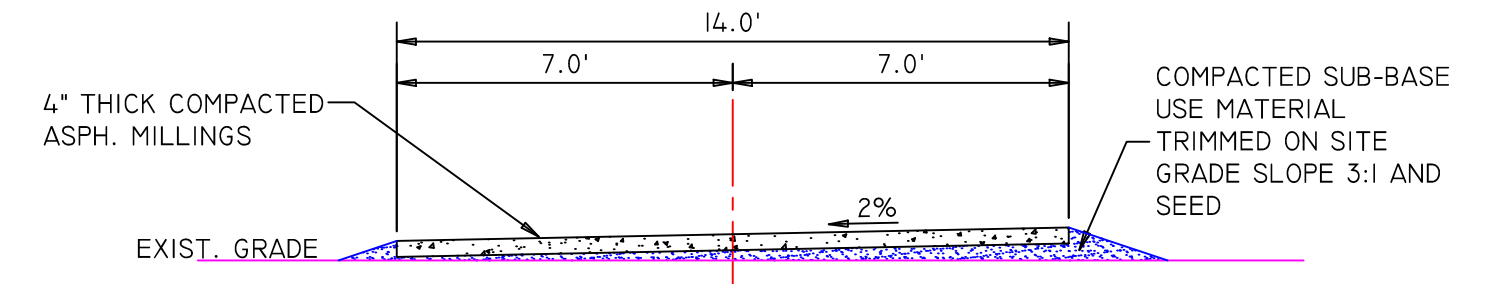


STA. 20+00 TO STA. 22+75 - PLACE 535.4 S.Y.  
OF 4" THICK COMPACTED ASPHALT MILLINGS  
SURFACING. (OPTIONAL TO CONTRACT)



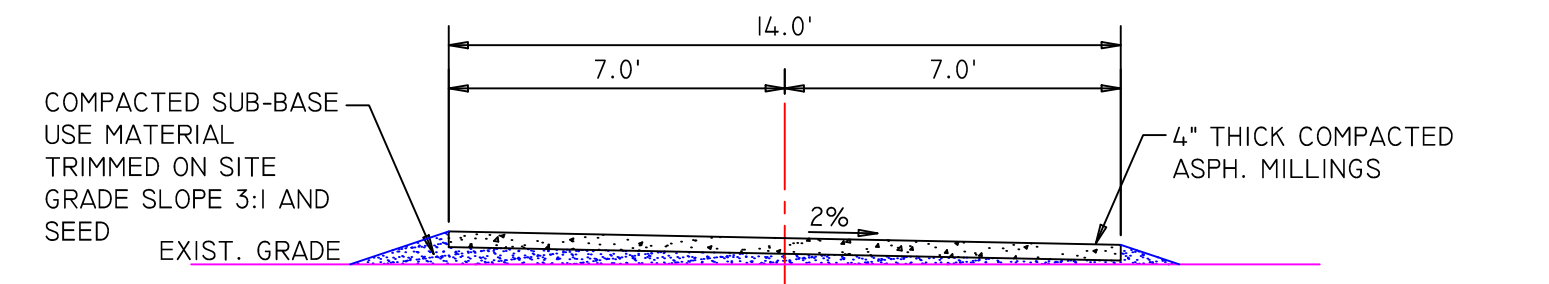
24' WIDE TYPICAL CROSS-SECTION SLOPE LEFT

STA. 0+00 TO STA. 4+63.09



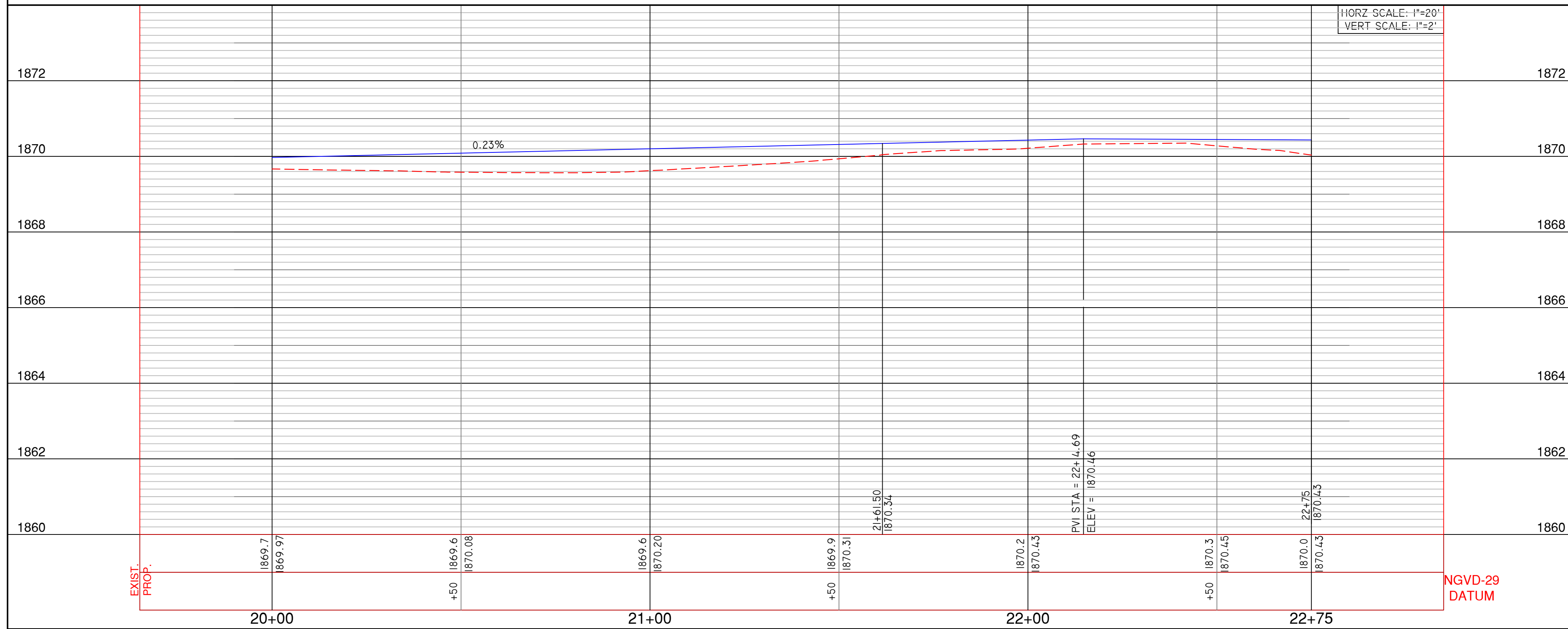
14' WIDE TYPICAL CROSS-SECTION SLOPE LEFT

STA. 4+63.09 TO STA. 7+00 &  
STA. 15+50 TO STA. 22+75



14' WIDE TYPICAL CROSS-SECTION SLOPE RIGHT

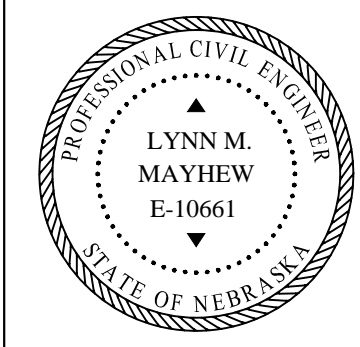
STA. 7+00 TO STA. 15+50



HORZ SCALE: 1"=20'  
VERT SCALE: 1"=2'

**LEGEND**

—v—	EXISTING WATER MAIN	—ss—	SANITARY SEWER
—w—	WATER MAIN TO BE INSTALLED	—t—	U.G. CABLE T.V. LINE
—p—	WATER MAIN TO BE PUSHED	—f—	FIRE HYDRANT TO BE INSTALLED
—r—	RIGHT OF WAY/PROPERTY LINE	—v—	EXISTING FIRE HYDRANT VALVE TO BE INSTALLED
—t—	U.G. TELEPHONE LINE	—x—	EXISTING VALVE
—g—	U.G. GAS LINE	—u—	POWER POLE
—e—	U.G. ELECTRICAL LINE	—m—	MANHOLE
—o—	OVERHEAD ELECTRICAL LINE	—s—	SOIL BORE LOCATION
—st—	STORM SEWER		



REVISIONS		SURV. BY: BH
DATE	BY	DESCRIPTION
		DATE: 4/2011
		DR. BY: TDZ
		DATE: 6/28/2011
		CHK. BY: RS
		DATE: 6/29/2011
		APPR. BY: LMM
		DATE:
		HORZ.: 1"=20'
		VERT.: 1"=2'

**CITY OF GRAND ISLAND**  
UTILITIES DEPARTMENT

2011-PGS-P-1  
PLATTE GENERATING STATION  
PAVING PROJECT

DRAWING NO.: **C-105**

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