

CITY OF CRETE, NEBRASKA  
CITY COUNCIL REGULAR MEETING  
August 7, 2018

Notice of the meeting was given by posting and publishing in The Crete News, the appointed method for giving notice as shown by the Proof of Publication attached to the minutes. Advance notice of the meeting was also given to the Mayor and City Council. Pursuant to Section 84-1412(8) of the Nebraska Open Meetings Act, the City has posted a current copy of the Open Meetings Act, Laws of the State of Nebraska in the back of the Council Chambers. Additional copies are available to read. The City may consider items listed on the agenda in random order. All proceedings shown were taken while the meeting was open to the attendance of the public.

Those in attendance pledged allegiance to the flag.

1. Open Meeting

2. Roll Call

David Bauer: Present

Judy Henning: Present

Travis Sears: Present

Present: 3.

3. Special Order of Business

3.A. Steve's Lawn and Landscaping Estimate

3.B. Olsson Assoc. Design and Construction Services Agreement

3.C. NMPP Energy Cost of Service and Rate Design Proposal 07.19.2018

3.D. 2018 Street Paving Projects

4. Officers' Reports

5. Adjournment

Mayor

(SEAL)

City Clerk-Treasurer

I, Jerry Wilcox, City Clerk for the City of Crete, hereby certify that the foregoing is a true and correct copy of the proceedings had and done by the Mayor and Council. I hereby certify that a copy of the Open Meetings Act was posted in the back of the Council Chambers. I certify that all of the subjects included in the

foregoing proceedings were contained in the agenda for the meeting, kept continually current and available for public inspection at the office of the City Clerk. I certify that such subjects were contained in said agenda for at least twenty-four hours prior to said meeting and that at least one copy of all reproducible material discussed at the meeting was available at the meeting for examination and copying by members of the public. I certify that the minutes were in written form and available for public inspection within ten working days and prior to the next convened meeting of the City Council. I certify that all news media requesting notification concerning meetings of the City Council were provided with advance notification of the time and place of said meeting and the subjects to be discussed.

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City Clerk-Treasurer

(S E A L)



PO BOX 543  
CRETE NE 68333

# Estimate

Date	Estimate #
3/4/2018	944

Name / Address
City of Crete Tom Orada

Project

Description	Qty	Rate	Total
Retaining wall, Anchor Diamond Pro Grey	800	7.71	6,168.00T
Anchor Diamond Pro cap	175	7.57	1,324.75T
Glue, Block Adhesive	5	9.00	45.00T
Geo-Grid 4'x50'	25	70.00	1,750.00T
Construction Materials, Limestone Screenings	20	27.00	540.00T
Construction Materials, 1" Clean limestone	40	38.00	1,520.00T
Equipment, Skid steer	1	800.00	800.00T
Equipment Mini excavator	1	1,500.00	1,500.00T
Equipment, Pad foot compactor	1	1,600.00	1,600.00T
labor	1	10,000.00	10,000.00
Crete 2.0% Sales 5.5%		7.50%	1,143.58

A 50% down payment is due on all projects over \$2000. Final payment is due upon project completion. Actual project cost may differ from estimate because of actual job conditions, product availability, and any changes made by you the customer. We now accept most major credit/debit cards. A 4% fee will be added to all credit/debit card transactions. Estimate is only valid for 60 days. Your signature and your down payment allows us to schedule your project for completion.

Signature:		<b>Total</b>	\$26,391.33
402-826-7272	steveslawn.08@gmail.com	www.steveslawnandlandscaping.com	



## LETTER AGREEMENT FOR PROFESSIONAL SERVICES

July 13, 2018

City of Crete  
Attn: Tom Ourada  
243 East 13<sup>th</sup> Street  
Crete, NE 68333

Re: **LETTER AGREEMENT FOR PROFESSIONAL SERVICES**  
Public Paving Improvements: Forest-Grove-15<sup>th</sup>-16<sup>th</sup> Streets (the "Project")  
Design and Construction Phase Services  
Crete, Nebraska

Dear Mr. Ourada:

It is our understanding that City of Crete ("Client") requests Olsson Associates, Inc. ("Olsson") to perform the services described herein pursuant to the terms of this Letter Agreement for Professional Services, Olsson's General Provisions and any exhibits attached hereto (all documents constitute and are referred to herein as the "Agreement") for the Project.

Olsson has acquainted itself with the information provided by Client relative to the Project and based upon such information offers to provide the services described below for the Project. Client warrants that it is either the legal owner of the property to be improved by this Project or that Client is acting as the duly authorized agent of the legal owner of such property. Client acknowledges that it has reviewed the General Provisions and any exhibits attached hereto, which are expressly made a part of and incorporated into the Agreement by this reference. In the event of any conflict or inconsistency between this Letter Agreement, and the General Provisions regarding the services to be performed by Olsson, the terms of the General Provisions shall take precedence.

### SCOPE OF SERVICES

The Project involves removal and replacement of existing public street pavement of 'E. 16<sup>th</sup> Street, E. 15<sup>th</sup> Street, Grove Ave. and Forest Ave. within established right-of-way. Limits of street replacement is indicated on Exhibit A. Proposed paving improvements will match City of Crete typical section for 68' right-of-way and 32' pavement. Typical pavement section shall include sidewalk along at least one side of new pavement construction. Minor storm sewer improvements are anticipated at E. 16<sup>th</sup> and Grove Ave. no other utility improvements are anticipated with the scope of paving removal and replacement. Grading within ROW for proposed typical pavement section will require modular block retaining wall in certain locations.

Olsson shall provide the following services (“Scope of Services”) to Client for the Project:

### **Phase 110 – Topographic Survey**

**Topo Survey** – Olsson shall collect field survey information along the proposed street improvements, as depicted in Exhibit A. Detailed topo survey will be collected within right-of-way for existing roadway conditions.

1. Olsson shall conduct a field survey to determine existing topographic features, pavements, roadway, top and bottom of curbs, drive locations, this will include spot elevations, and will provide one-foot contours, drainage structures, walls, utility manholes and covers, light poles, trees with spot elevations at the base of tree along with trunk size, shrubs, fences, signs, irrigation head(s), valve boxes, sidewalks or trails within the area shown on the provided exhibit. Survey crew will establish bench marks and control points during the field survey.
2. Prepare a topographical site plan showing the information obtained during the field survey. The utility locations and sizes will be determined by surveying the flagged ‘One Call’ locations of the visible features and using record information from the utility owners. No underground exploration for utilities will be provided. Platted lot lines will be shown on the site plan using the field location of any existing lot pins found.
3. Locate existing property corners and set control points to establish ROW limits

### **Phase 120 - Project Management**

Olsson shall complete project management tasks throughout the design process to ensure timely project advancement. Tasks performed under this phase of the work shall include the following:

1. **Project Initiation Meeting** – A meeting will be held with the Client at the onset of the of the design process to discuss project specifics and prerequisites. Specific project personnel will be identified and channels of communication will be established. Project schedule will be established. Contractual matters will be addressed as required. A site visit of the project will also be conducted if necessary to review project components.
2. **Client Coordination** – Regular correspondence with parties of interest to provide progress updates or coordinate needed information about the project. Coordination of meetings with the Client. The attendance at one (1) council meeting to provide a progress update is included with this task.
3. **Project Design Coordination** – Coordination of design professionals will be conducted regularly to ensure timely delivery of expected project deliverables and timely project advancement. Specific activities include tracking of work completion, maintenance of project schedule, billings, and collections.
4. **60% Design Review Meeting** – A 60% design review meeting will be held with the Client to review and comment on the design before it continues to final design. Comments will be incorporated into the final design of the project.
5. **90% Design Review Meeting** – A 90% design review meeting will be held with the Client to review and comment on the plans and specifications before they are finalized.

## **Phase 150 – Property Assessment**

In coordination with Phase 200, functional design cost estimates, Olsson shall prepare assessment estimates for properties abutting street improvements.

### **1. Assessment Tasks**

- Review property dimensions and prepare cost per lot assessment estimates based upon linear footage of property abutting street improvements.
- Prepare diagrammatic exhibits detailing property line dimensions and adjacent street improvements.
- Conduct property owner information meeting to discuss assessments with affected property owners.
- Following receipt of construction bids, prepare final cost estimates based on actual construction value.

## **Phase 200 – Design and Construction Documents**

Olsson shall design the improvements and develop contract construction documents to show the general scope, extent, and character of the work to be furnished and performed by the Contractor. Construction drawings and specifications will be developed for the project. Tasks performed under this phase of the work shall include the following:

### **2. Functional Design**

- Four (4) site visits to conduct field reviews and data collection as necessary to perform functional design.
- Perform functional design by creating alignments, profiles, cross sections, and geometrics.
- Coordinate with local utility providers as needed to prepare functional design
- Prepare preliminary plan sheets including plan/profile, cross section, geometrics, and detail sheets.
- Determine a preliminary construction phasing.
- Erosion and Sediment Control design
- Geometrics and elevations of modular block retaining walls (where required for ROW improvements). Modular walls will be specified as a delegated design submittal by manufacturer in the contract construction documents.
- Prepare functional design cost estimates.
- Perform internal quality review for the entire project package.
- Prepare 60% construction drawings submittal for the Client to review.

### **3. Final Design**

- Perform final design by incorporating Client comments from 60% design.
- Prepare final plan sheets to be used as construction documents.
- Prepare Storm Water Pollution Prevention Plan (SWPPP).
- Prepare technical specifications and front end bidding documents (Standard EJCDC) tailored as necessary to supplement City Standards.
- Prepare final design cost estimates.
- Perform internal quality review for the entire project package.
- Prepare 90% construction drawings and specifications submittal for the Client to review.

- NDOT Permit to Occupy ROW (E. 13<sup>th</sup> Street sidewalk connections)

### **Phase 300 - Bid Phase Services**

Olsson shall assist the Client in bid procurement of private construction contractors on a competitive public bid basis. One bid package for one bid period is included in this phase. Tasks performed under this phase of the work shall include the following:

1. **Prepare and Distribute Bid Documents** - Olsson shall arrange for preparation and distribution of construction bid documents (drawings and specifications) to prospective bidders. To maximize awareness of the paving improvements, a Bid Notice will be sent to qualified contractors that have previously bid on like projects to increase competitiveness in the bidding process.
2. **Answer Bidder Questions** – Olsson shall answer bidder’s questions regarding the construction documents.
3. **Maintain Bidders List** – Olsson shall collect and maintain information about the bidders that have bidding documents.
4. **Prepare Addenda** – Olsson shall prepare and distribute addenda that may be needed during the bid phase to the bidders that have bidding documents. Up to two (2) addenda are included.
5. **Attend Bid Opening** – Olsson shall attend bid opening to assist Client in opening bids.
6. **Evaluate Bids** – Olsson shall evaluate the bids and qualifications of the bidders and provide a tabulation of all bids for comparison and discussion with Client. We will also make a recommendation of award to Client based on the bid tabulations.
7. **Attend Council Meeting to Recommend Bid** – Olsson shall attend one (1) council meeting to recommend a bid and answer any questions regarding the bid recommendation.
8. **Prepare Conforming Copies of Contracts** – Olsson shall assist the Client in the preparation and distribution of conforming copies of the executed contracts.

### **DESIGN PHASE EXCLUSIONS**

The following services are not included in scope of services:

1. Legal descriptions, survey records (City Register/Deeds)
2. Right-of-Way Services (obtaining ROW, easements, etc.)
3. Environmental Services
1. Electrical and Streetlighting Design
2. Structural Design of cast-in-place retaining walls (modular block wall design will be included in construction documents as a delegated design submittal by manufacturer)
3. Utility Relocation Design
  - a. Design scope assumes that existing public sanitary sewer, water main and storm sewer will not be relocated with street improvements.

- b. Design assumes that existing individual property water services, sanitary services, gas and electric services will not be relocated with street improvements.

## CONSTRUCTION PHASE SERVICES

### TASK 500 - Construction Management Services

1. Construction Management – Provide services to coordinate the work activities of the City, Contractor, and other affected parties, and ensure that work is performed in general conformance with the Construction Documents. Answer Contractors' questions and interpret construction documents. Questions and interpretations will be answered with a written Request for Information (RFI) or similar process. **Scope is based on an estimate of twenty two (22) weeks of construction management services.**
2. Progress and Onsite Meetings – Olsson, will prepare agendas, administer and record minutes of Pre-Construction and Progress meetings as necessary. These meetings may be scheduled prior to the start of work, or as the consultant construction manager deems appropriate during the construction of the project. **Scope is based on an estimate of one (1) pre-construction meeting, eight (8) construction progress meetings (bi-weekly), and four (4) site meetings.**
3. Payment Estimates - Review and submit quantities of work using the industry standard reporting procedures. Consultant's Observer will be responsible for verifying the quantities of work, which are the basis of the payment estimates. **Scope is based on an estimate of eight (8) construction payment estimates.**
4. Change Order/Work Order Management - Olsson will manage all work order and change orders. They will be discussed with the Client before they are developed in final form. Olsson shall prepare change orders and/or work orders as required to maintain the project schedule. Documentation to support the basis for the change will be developed, as well as justification for a change to the contract price if appropriate. All requests for variations from the contract documents will be reviewed with the City before issuing an approval to the Contractor. All Change orders will be processed using the City of Crete change order procedures. **Scope is based on an estimate of three (3) construction change orders.**
5. Project Coordination – Olsson will provide project coordination with Contractor, Subcontractors, Utility Companies, Utility Contractors, City of Crete and Private Property Owners to facilitate project timeline and milestones.
6. Shop Drawing and Submittal Review - Olsson will coordinate and review Contractor furnished Shop drawings and submittals for equipment and materials as the project warrants.
7. Testing Management and Review – Olsson Construction Manager will review all testing data and reports and furnish to the City and the Contractor. Upon City Project manager direction, any areas requiring re-tests or removal and replacement will be coordinated with the Contractor as directed.

## TASK 600 - On-Site Field Services

1. On-Site Field Inspection - Olsson will furnish full time Construction Inspection services during the active phases of the project. Olsson's on-site representative will perform inspection to ensure the work is proceeding in accordance with the plans and specifications. Olsson shall verify through site inspection and observation that all work being performed is per the Contract Documents. All discrepancies will be reported to the Design Engineer, City Project Manager and the Contractor. **Scope is based on an estimate of twenty two (22) weeks of construction field services.**
2. Project Documentation – The Consultant's Observer shall prepare and keep detailed notes, computation and measurements, records of quantities of pay items used in the work, and the tests, certifications, or basis of acceptance of these materials and a record of the Contractor's operations. This information will be documented using City of Crete reporting procedures.
3. Pay Requests – Olsson Verify quantities of stored materials and completed work. Prepare and process payment requests based on field verifications of quantities requested by the Contractor.
4. Review of Work, Rejection of Defective Work, Observations and Tests – Conduct on-site observations of the Work in progress to assist Construction Manager in determining if the Work is in general proceeding in accordance with the Contract Documents. Report to Construction Manager whenever Field Observer believes that any Work is unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any governing agency, test or approval required to be made, and advise Construction Manager of Work that Field Observer believes should be corrected or rejected or should be uncovered for observation, or requires special testing, or approval.
5. NPDES/SWPPP – Olsson shall review and coordinate with the Contractor to ensure that the requirements outlined in the SWPPP are being followed and that the Contractor performs the necessary inspections and updates of the SWPPP plan as required by the contract, the project specifications and special provisions. Olsson shall notify the City and the Contractor when non-compliance is observed and direct the Contractor to take corrective action.

Olsson shall attend the rain event inspections and regular 14 day field inspections with the contractor. Olsson shall review the Contractor's updates to the erosion and sediment control plan as well as review of all Contractor inspection reports. Olsson shall ensure that a current copy of the SWPPP plan including all inspection reports and other documentation is maintained at the construction site. Based on the duration of the project, the following number of SWPPP inspections have been estimated.

- a. SWPP inspections (14 day) – 15
- b. SWPP inspections (event) - 10

It is the understanding of Olsson Associates that the SWPPP document requires the contractor to be solely responsible for compliance and that Olsson shall provide assistance to the contractor and shall serve as assurance to the City.

6. Olsson shall provide materials testing and other testing as specified for construction of the new utilities and pavements. This would include acceptance testing, moisture and density testing for trench backfill, compaction testing for pavement subgrade construction and concrete testing for new pavement. If not already available, Olsson will obtain samples of backfill material for standard Proctor and Atterberg limits testing. Testing will be performed as necessary during the course of the work. We have assumed the following number of Field Tests, Proctors and Atterbergs required for testing of soil:

- c. On-site material soil Sampling – 4
- d. Pavement Subgrade – as specified
- e. Curb Backfill – as specified

Concrete Pavement: Olsson will perform concrete sampling; including slump, air entrainment and temperature on composite samples of concrete. Cylinders will be cast from the concrete used in the construction of the pavement and structures for compressive strength testing. We have assumed the following number of Tests required for testing of concrete:

- a. Concrete Pavement – 150 (30 sets of 5)
- b. Concrete Structures – 0

Reporting: Testing reports will be reviewed by our Construction Administrator and provided to the City.

#### **TASK 700 - Project Closeout Services**

1. Substantial Completion - Upon Substantial Completion, inspect the construction work and prepare a listing of those items to be completed or corrected before final completion of the contract. Submit results of the inspection to the Design Engineer, City Project Manager and the Contractor.
2. Final Completion Inspection – Upon completion or correction of the items of work on the punch list, conduct final inspection to determine whether the work is complete.
3. Project Closeout and Final Quantities - Provide written documentation concerning final completion, Final quantities and payment to the Contractor and the City, including a list of outstanding items, if any, to be completed prior to the making of such payment.
4. Record Drawings – Following completion of the construction of the project provide one set of red line drawings to the City Project Manager.

#### **Supplemental Construction Services**

1. Supplemental Services - Work requested by the City that is not included in one of the items listed elsewhere within this document will be classified as Supplemental Services. Supplemental Services could include, but are not limited to:
  - Assistance with preparation for litigation, arbitration, or other legal or administrative proceedings; and appearances in court or at arbitration sessions in connection with the project.

- Additional or extended services during construction made necessary by (1) work damaged by fire or other cause during construction, (2) a significant amount of defective or neglected work of the Contractor, (3) acceleration of the process schedule involving service beyond normal working hours, (4) default by the Contractor, and (5) failure of the Contractor to complete the work within the construction contract time.

Should Client request work in addition to the Scope of Services, Olsson shall invoice Client for such additional services (Optional Additional Services) at the standard hourly billing labor rate charged for those employees actually performing the work, plus reimbursable expenses if any. Olsson shall not commence work on Optional Additional Services without Client's prior written approval.

Olsson agrees to provide all of its services in a timely, competent and professional manner, in accordance with applicable standards of care, for projects of similar geographic location, quality and scope.

### **SCHEDULE FOR OLSSON'S SERVICES**

Unless otherwise agreed, Olsson expects to begin topographic survey within within 2-3 weeks of notice to proceed. Design schedule will commence following notice to proceed, as necessary to meet a bidding schedule for late fall 2018 bidding and early spring 2019 construction commencement.

**COMPENSATION**

<b>Phase</b>	<b>Description</b>	<b>Lump Sum</b>	<b>Time &amp; Materials</b>
110	Design Phase - Topographic Survey	\$10,500.00	
120	Design Phase - Project Management	\$9,250.00	
150	Design Phase - Property Assessment		\$3,500.00
200	Design Phase - Construction Documents	\$47,250.00	
300	Bid Phase Services	\$2,500.00	
310	Design Phase Expenses		\$500.00
500	Construction Phase - Construction Management Services		\$53,500.00
510	Construction Management Expenses		\$8,000.00
600	Construction Phase - On-Site Field Services		\$72,750.00
610	Field Testing Expenses		\$2,500.00
700	Construction Phase - Project Closeout Services		\$5,750.00
Total Proposed Fees:		\$69,500.00	\$146,500.00
<b>Total Contract Amount</b>			<b>\$216,000.00</b>

Fixed Fee Phases: Client shall pay to Olsson for the performance of the services a fixed fee in the amounts listed in attached Scope of Services plus reimbursable expenses in accordance with the Reimbursable Expense Schedule also attached to this Agreement.

Olsson shall submit invoices on a monthly basis and payment is due within 30 calendar days of invoice date.

**TERMS AND CONDITIONS OF SERVICE**

We have discussed with you the risks, rewards and benefits of the Project, the Scope of Services, and our fees for such services and the Agreement represents the entire understanding between Client and Olsson with respect to the Project. The Agreement may only be modified in writing signed by both parties.

Client’s designated Project Representative shall be \_\_\_\_\_.

Olsson Associates complies with a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S. C. 1324a, known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee.

If this Agreement satisfactorily sets forth your understanding of our agreement, please sign in the space provided below. Retain one original for your files and return an executed original to Olsson. This proposal will be open for acceptance for a period of 30 days from the date set forth above, unless changed by us in writing.

**OLSSON ASSOCIATES, INC.**

By  \_\_\_\_\_  
Erin Bright, PE

By  \_\_\_\_\_  
Justin Stark, PE

By signing below, you acknowledge that you have full authority to bind Client to the terms of the Agreement. If you accept the terms set forth herein, please sign:

**CITY OF CRETE**

By \_\_\_\_\_  
Signature

Print Name \_\_\_\_\_

Title \_\_\_\_\_

Dated \_\_\_\_\_

Attachments

- Exhibit B – Limits of Design Scope
- Reimbursable Expense Schedule
- General Provisions

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# Cost of Service and Rate Design Proposal

*Prepared for the City of Crete, NE – 7/19/2018*

NMPP provides consulting services to assist publicly-owned utilities in meeting their strategic and financial objectives. The standard Services Agreements are designed to ensure complete client satisfaction, however other term agreements are available. The cost for an Electric Financial Plan, Cost of Service and Rate Design Study for the City of Crete is summarized below.

Service	Total Value of Services (per Two-Year Study or Update Study)	Current Municipal Energy Agency of Nebraska (“MEAN”) Funding for Electric Study	Total Fee Due from Crete (per Two-Year Study or Update Study)
Electric Cost of Service Study (Financial Plan, 2 Rate Designs and Ordinances, 1 Presentation)	\$11,710	50%	\$5,855

Further details regarding Financial Plan, Cost of Service and Rate Design Studies by NMPP follow. For questions or additional information, or to request NMPP services of a Financial Plan, Cost of Service and Rate Design Study, contact:

Andrew Ross  
 Director of Retail Utility Services  
 and Member Relations  
 NMPP Energy  
 8377 Glynoaks Drive  
 Lincoln, NE 68516

Phone: 402.474.4759  
 Fax: 402.474.0473  
 E-mail: [aross@nmpenergy.org](mailto:aross@nmpenergy.org)  
 Web: [www.nmpenergy.org](http://www.nmpenergy.org)

## **Study Objectives**

An important part of managing utility operations is to understand a utility's financial status; not only for the recent past and current year, but also for future years. To help utilities understand the long-term picture, NMPP's Utility Rate Study begins with the development of a five-year future-looking financial Pro Forma. This financial analysis and model provide the staff and governing body with critical financial parameters such as net operating income, minimum cash reserve policies and other financial targets, borrowing options and debt coverage ratios, and projected cash balances over the planning horizon. The financial plan also analyzes transfers to the general fund, power supply costs, and capital budgets. Five-year rate track recommendations will help deliver desired financial performance for the utility over time.

Through a fully embedded Cost of Service analysis, test year revenue requirements will be functionalized and allocated to rate classes. Cost-based rate elements will be determined for each customer class and used as a guide in rate design. Based on results of this Cost of Service analysis, NMPP will design rates that are fair, reasonable and non-discriminatory and meet with the Village's rate objectives. NMPP will work with staff to achieve a satisfactory design of utility rates using cost of service study results as a guideline to move current rates toward cost of service levels while limiting the impact to customers.

## **Deliverables**

**Financial Pro Forma** – A preliminary Pro Forma is provided to staff for input and discussion. The pro forma will be adjusted as needed to reflect changes in financial expectations and performance.

**Executive Summary Report** - A Preliminary Executive Summary report is provided to staff for input before it is presented to the Village Board of Trustees. This report includes summary and discussion of the five-year financial Pro Forma and projected annual rate adjustments and other recommendations.

**Rate Design and Ordinances / Schedules** - Draft Rate Schedules, Ordinances or Resolutions are provided in Microsoft Word<sup>®</sup> formats for review and use as amended for board consideration for approval.

## **Project Schedule**

Our experience with municipal services agreements allows us to conduct a cost effective and efficient study. Our goal for the Village is to have rates designed and implemented 70 days after all of the requested data has been collected from the staff for each utility.

## **Regionally and Nationally Recognized Staff**

NMPP's project team has the knowledge and experience to successfully meet your requirements, with over 50 years of combined experience performing similar studies for municipal utilities. As a result of our specialized industry knowledge, we are frequently called upon to share our experience with others in the industry. Staff members have given presentations at regional and national seminars, including the American Public Power Association (APPA), regarding utility financial planning, pricing, restructuring and other issues. This team provides the experience to creatively solve financial and operational issues and to help ensure financial stability for a utility in future years.

## **Client References**

NMPP provides utility related services to almost 200 municipals similar to Crete across 5 states. Financial Planning and Cost of Service studies are performed for electric, water, wastewater, gas, and trash utilities across the region. The following is a list of references for our services. Many other references are available upon request.

<b>Client</b>	<b>Contact</b>	<b>Phone</b>	<b>Studies / Other Services</b>
Ansley, NE	Lanette Doane, City Clerk	(308) 935-1467	Electric
Arnold, NE	Patty Lamberty, Clerk/Treasurer	(308) 848-2228	Electric
Belleville, KS Utilities	Neal Lewis, City Mgr.	(785) 527-2288	Electric, Gas, Water, Sewer
Bridgeport, NE	Dori Huck, City Clerk	(308) 262-1623	Electric, Water, Sewer
Denver, IA	Larry Farley, City Admin./Clerk	(319) 984-5642	Electric; Net Metering
Fairbury Utilities	Collin Bielser, City Admin.	(402) 729-2476	Electric, Water, Sewer; Net Metering
Fonda, IA	Angela Duitsman, City Clerk	(712) 288-4466	Electric
Imperial, NE	Jo Leyland, Admin./Clerk/Treas.	(308) 882-4368	Electric
Nebraska City Utilities	Jeff Kohrs, Utility Manager	(785) 527-2288	Electric, Gas, Water, Sewer
North Platte Utilities	Dawn Miller, Dir. of Finance	(308) 535-6740	Electric, Water, Sewer
Seward, Nebraska	Bonnie Otte, City Clerk/Treas.	(402) 643-2928	Electric, Water, Sewer
Superior, Nebraska	Larry Brittenham, Utilities Mgr.	(402) 897-4711	Electric, Gas; Net Metering
Wahoo Utilities	Jim Gibney, Utilities Mgr.	(402) 443-3222	Electric; Customer Contract draft
Wray, CO	James DePue, City Manager	(970) 332-4431	Electric, Water, Sewer

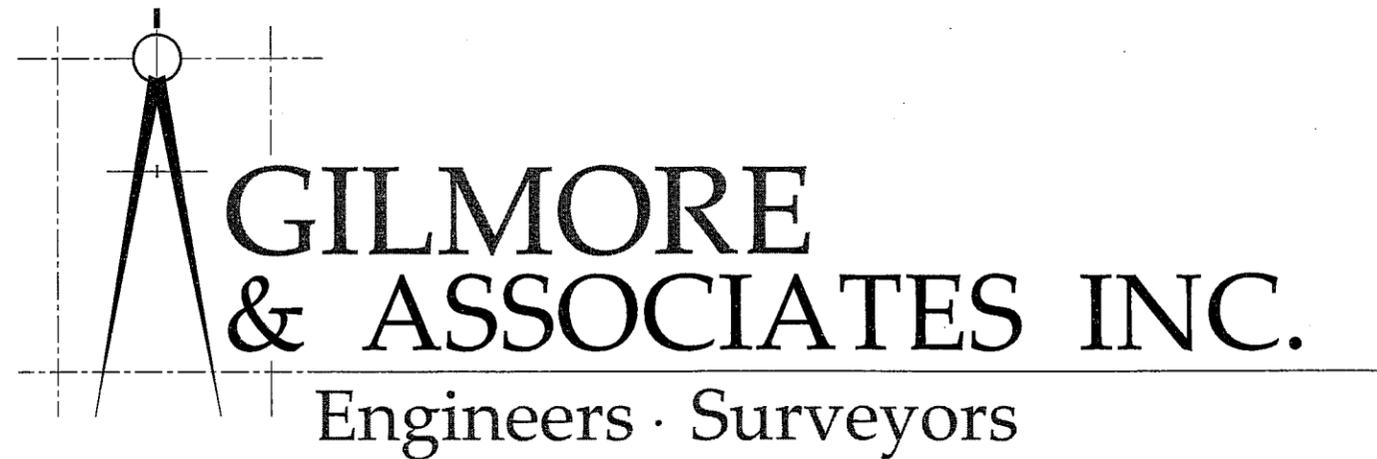
It is our sincere hope that NMPP can continue its mission to help serve municipals such as Crete with any of their utility related needs.

Respectfully submitted,



Andrew Ross  
Director of Retail Utility Services & Member Relations  
Nebraska Municipal Power Pool

# PAVING PROJECTS CRETE, NEBRASKA 2018



**BIDDING DOCUMENTS NOTE:**

Complete sets of Bidding Documents as issued by Gilmore and Associates, Inc. must be used in preparing Bids; neither Owner nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents, or copies of Bidding Documents obtained in electronic media form, internet plan rooms or other internet sites, or copies of Bidding Documents obtained from any source other than Gilmore and Associates, Inc.

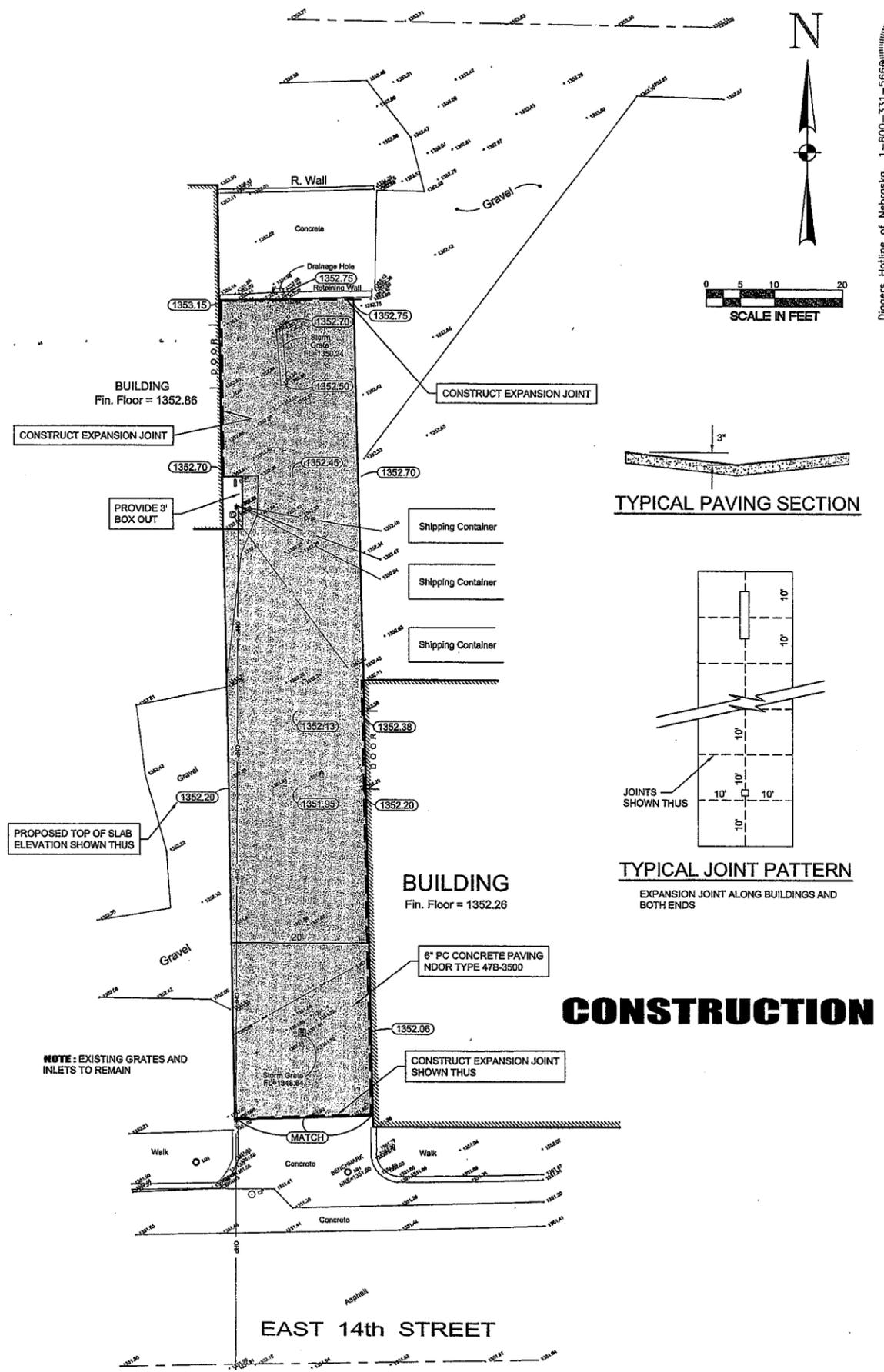
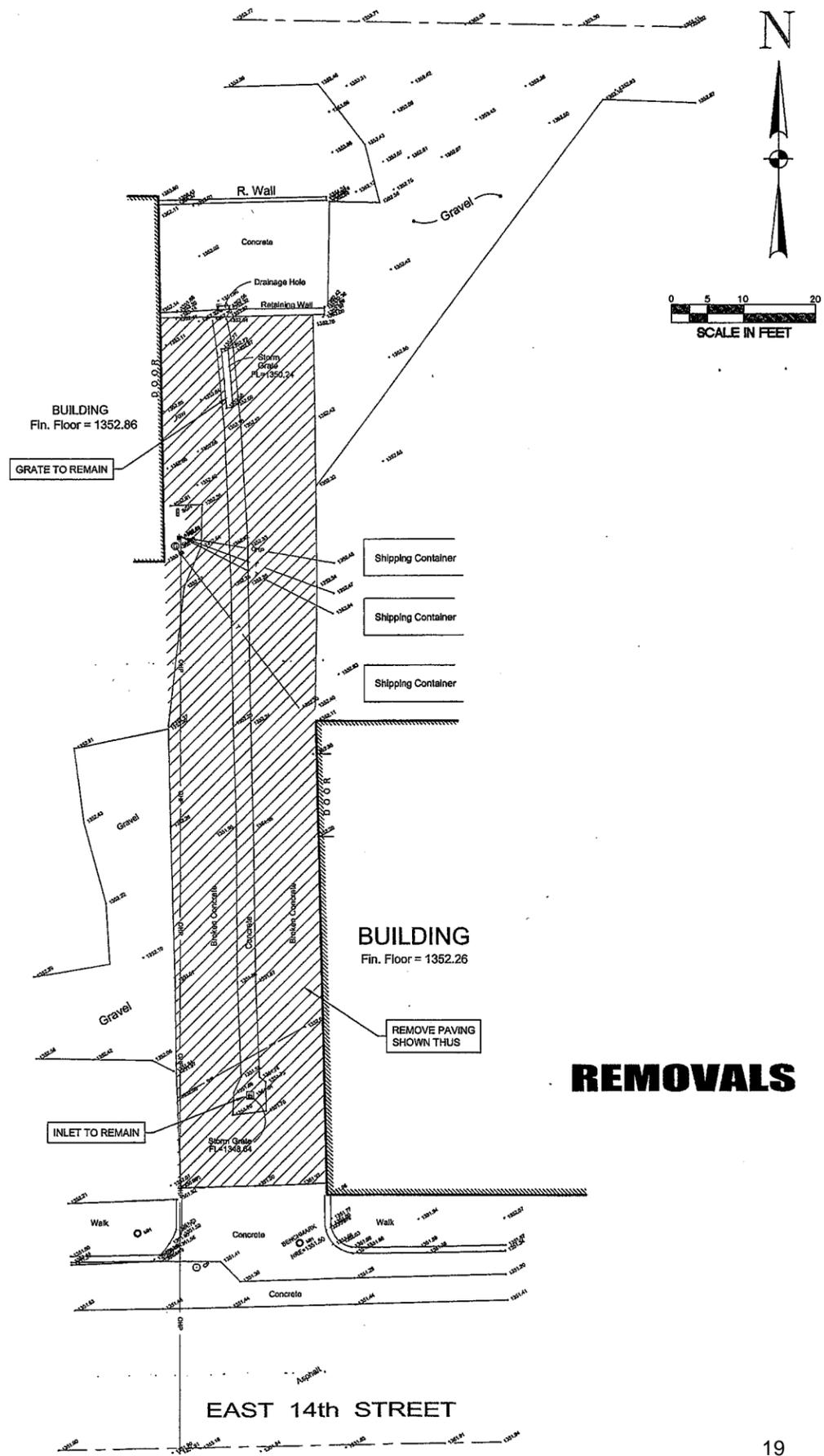


**ENGINEER'S CERTIFICATE**

I, Keith L. Gilmore, hereby certify that this document was prepared by me or under my direct supervision, and that I am a duly registered professional engineer under the laws of the State of Nebraska.

*Keith L. Gilmore*  
Keith L. Gilmore, Nebr. PE No. E-5721

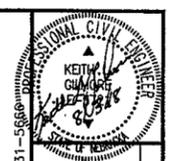
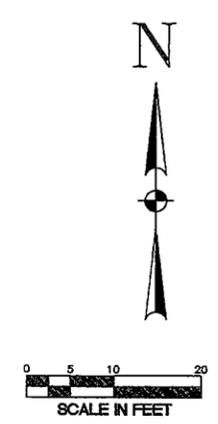
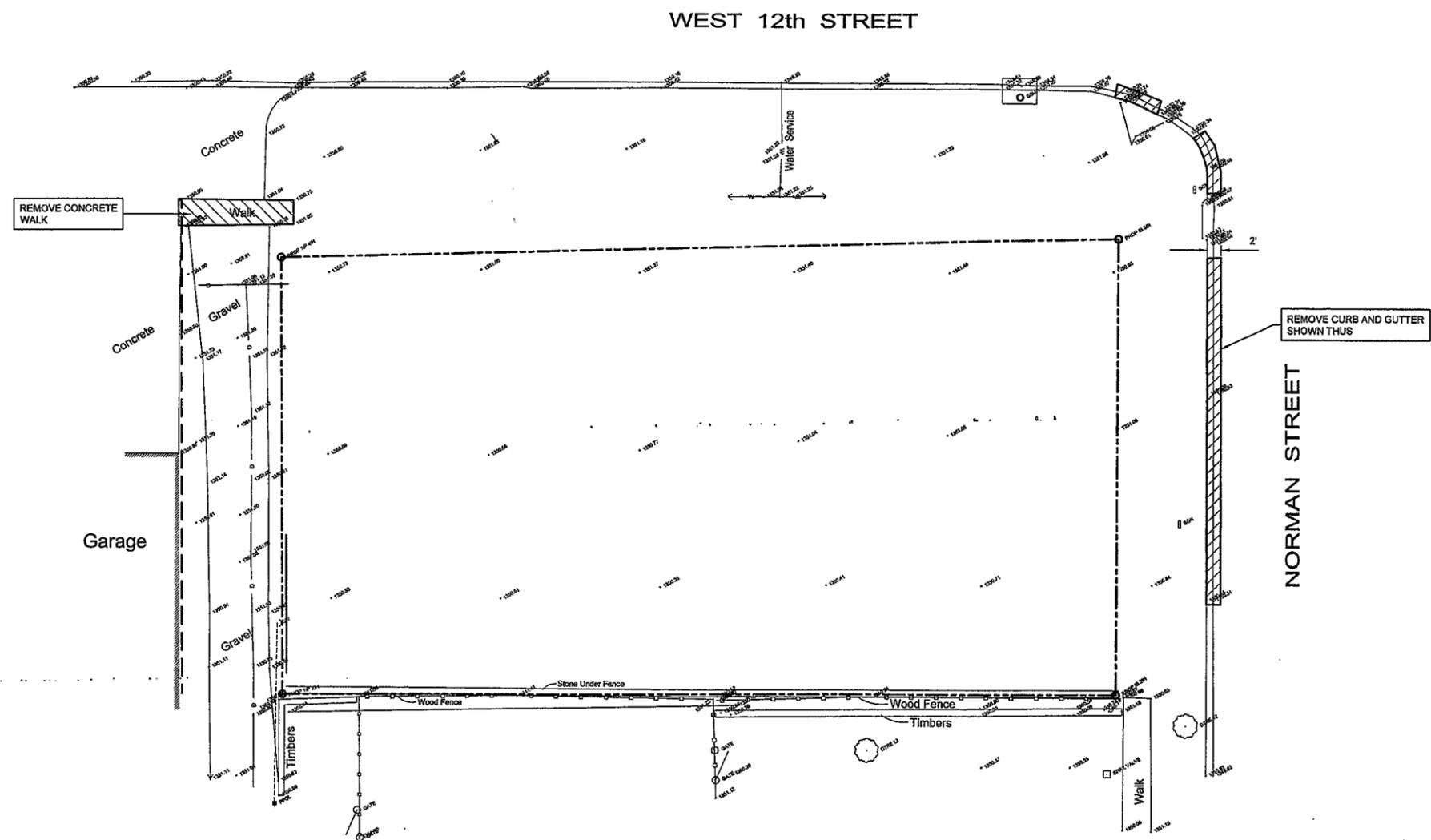




Diggers Hotline of Nebraska 1-800-331-5666  
 PROFESSIONAL CIVIL ENGINEER  
 GILMORE & ASSOCIATES INC.  
 Engineers - Surveyors  
 Phone (402) 544-2877  
 Fax (402) 544-2800  
 1001 S. 17th Street  
 Columbus, Nebraska 68602-0005

PAVING PROJECTS - 2018  
 CRETE, NEBRASKA  
 ALLEY REMOVALS AND CONSTRUCTION

DRN BY RTK  
 DATE 7/30/2018  
 SCALE AS SHOWN  
 PROJ. 226.337  
 F.B.  
 SHEET 2 of 7



Diggers Hotline of Nebraska 1-800-331-5686

Phone (402) 844-2827  
 Fax (402) 894-3500  
 1001 S. 10th Street, Suite 200  
 Lincoln, Nebraska 68502-4026

**GILMORE & ASSOCIATES INC.**  
 Engineers - Surveyors

PAVING PROJECTS - 2018  
 CRETE, NEBRASKA  
 PARKING LOT REMOVALS

DRN BY RTK  
 DATE 7/30/2018  
 SCALE AS SHOWN  
 PROJ. 228.337  
 F.B. \_\_\_\_\_  
 SHEET  
 3 of 7

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Diggers Hotline of Nebraska 1-800-331-5666

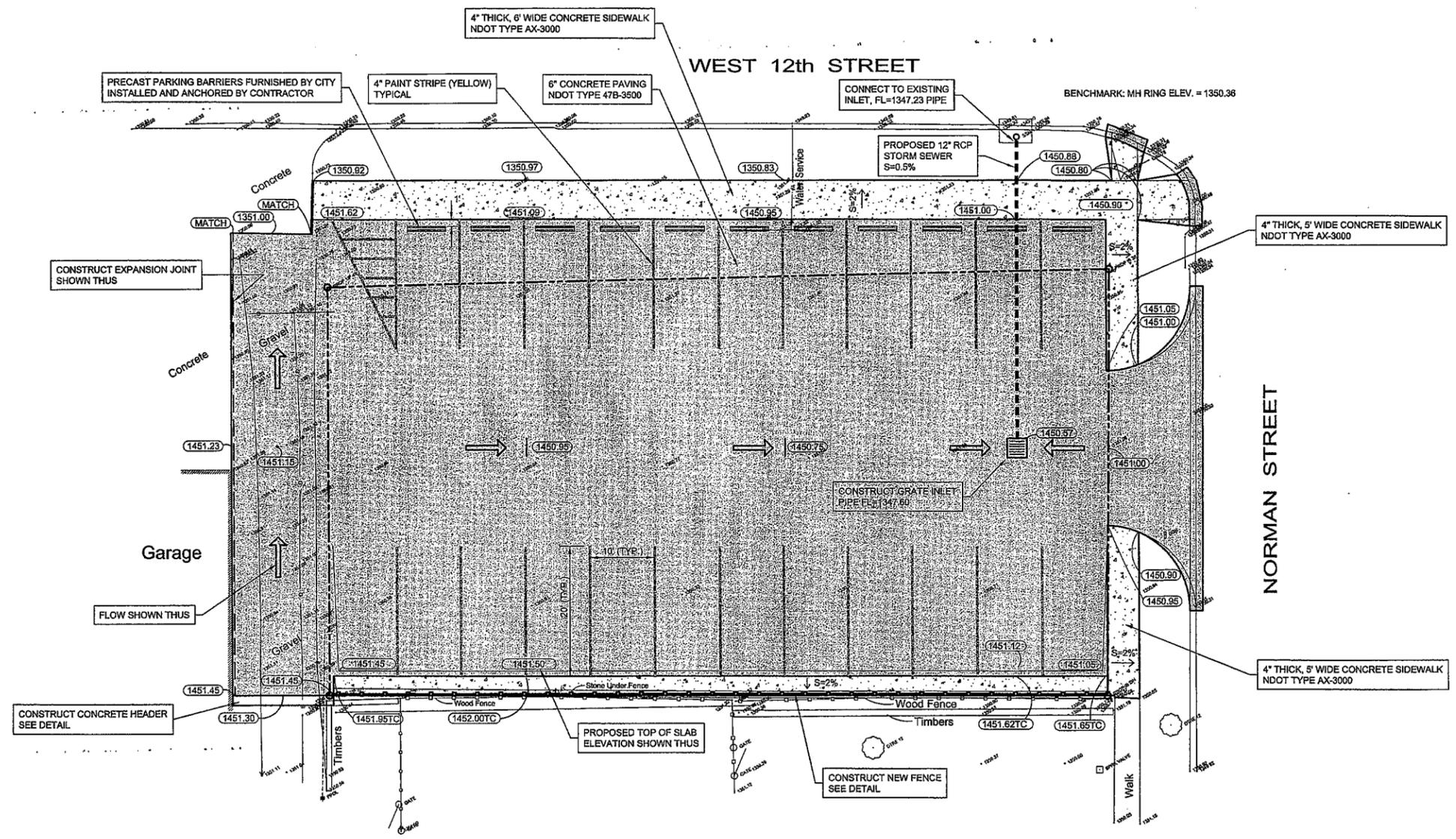
REVISIONS

Phone (402) 544-2877  
Fax (402) 544-2820  
Box 255, 2870 33rd Ave.  
Columbus, Nebraska 68502-0255

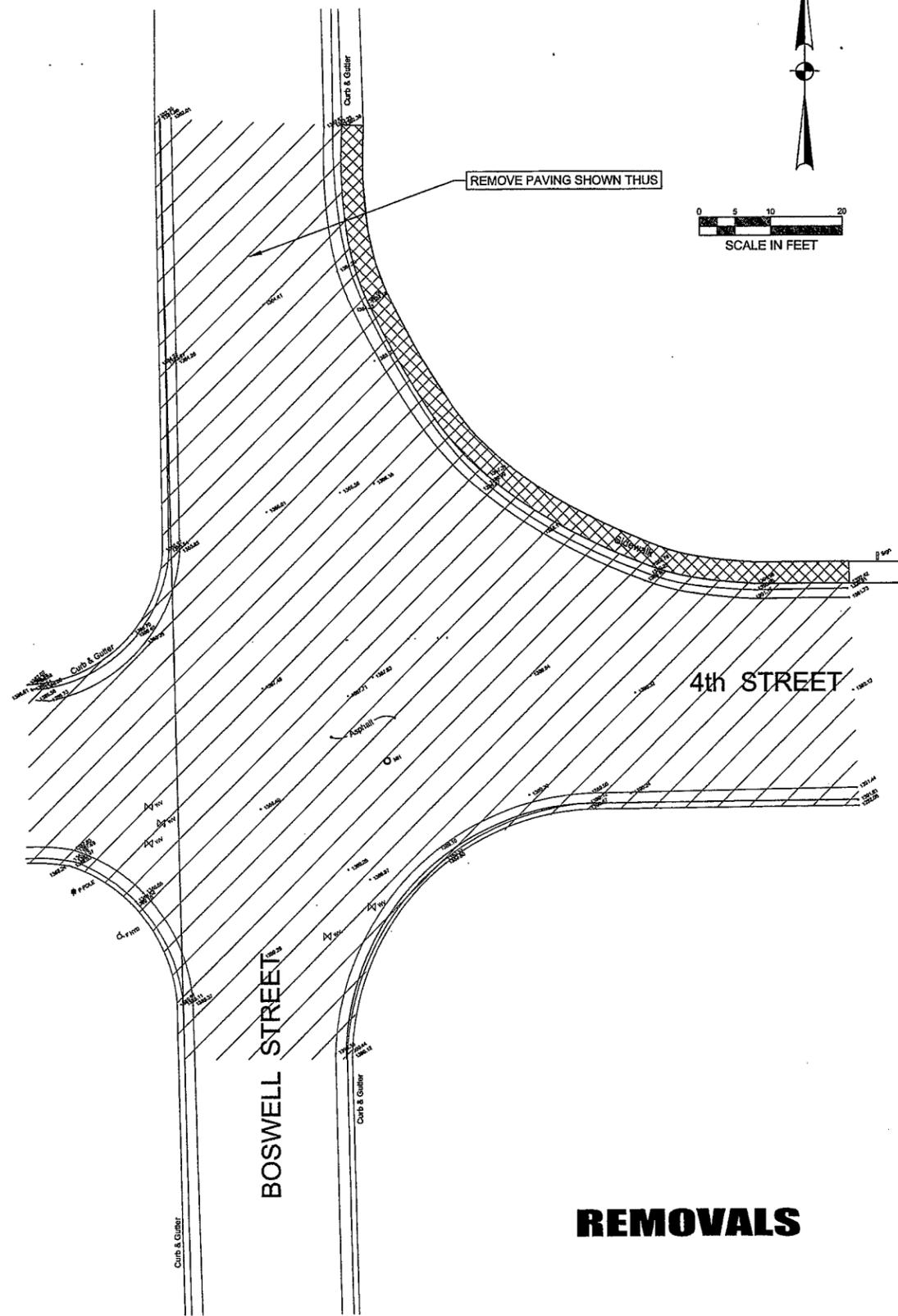
**GILMORE & ASSOCIATES INC.**  
Engineers-Surveyors

**PAVING PROJECTS - 2018**  
**CRETE, NEBRASKA**  
**PARKING LOT CONSTRUCTION**

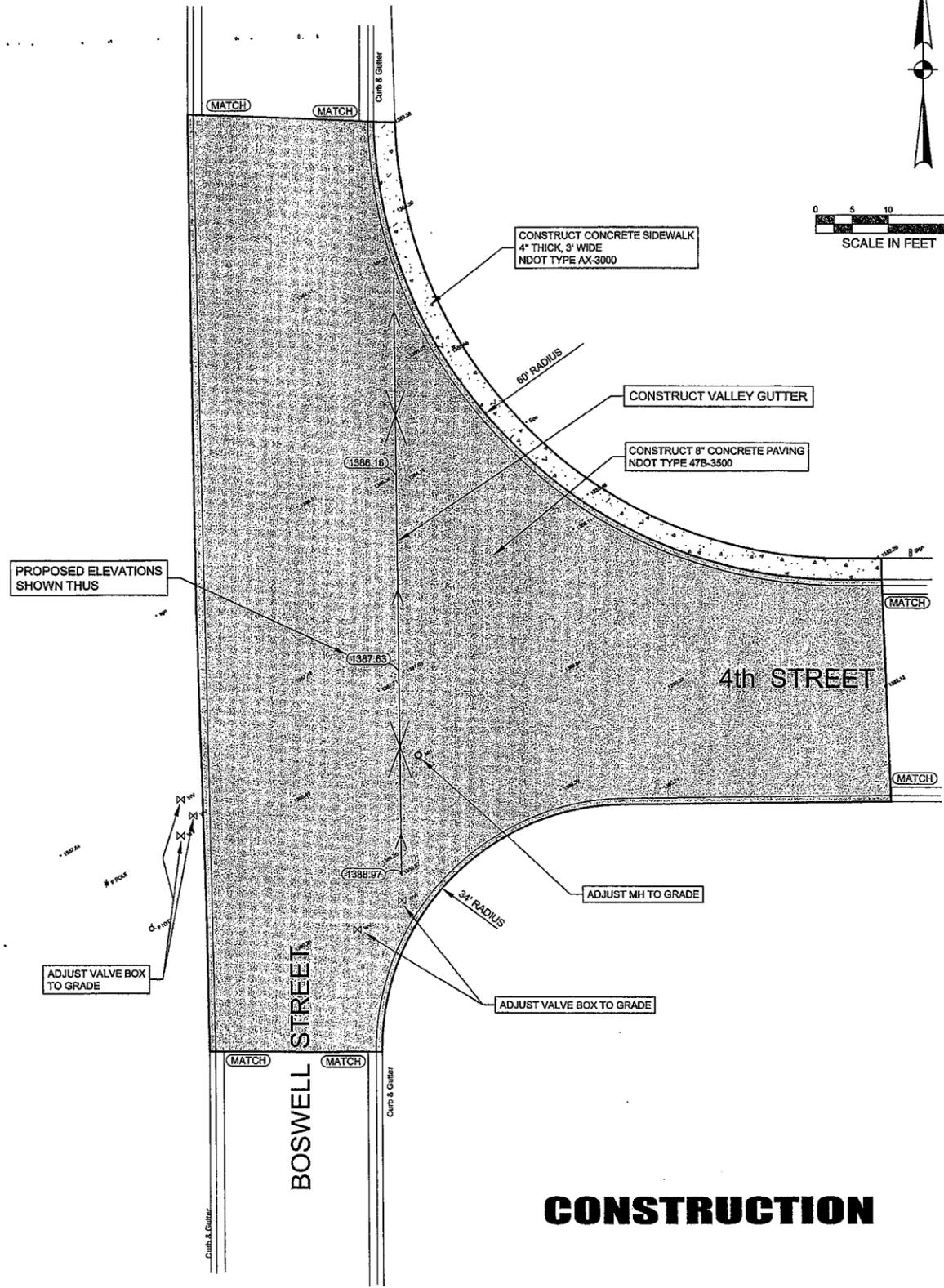
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DATE 7/30/2018  
SCALE AS SHOWN  
PROJ. 226.337  
F.B. \_\_\_\_\_  
SHEET  
**4 of 7**



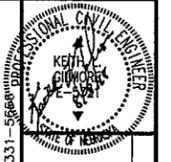
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**REMOVALS**



**CONSTRUCTION**



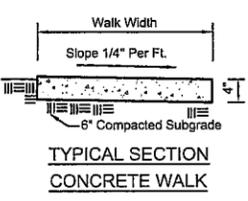
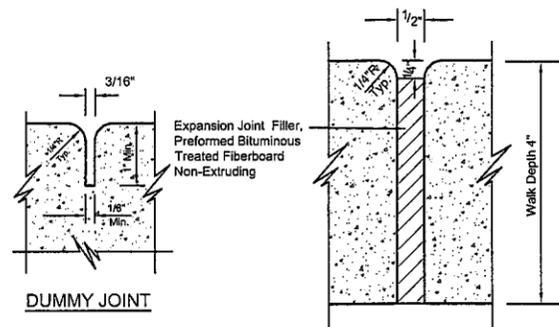
Diggers Hotline of Nebraska 1-800-331-5666  
 Phone (402) 544-2807  
 Fax (402) 544-2807  
 Box 555 2870 33rd Ave.  
 Columbia, Nebraska 68402-0555

**GILMORE & ASSOCIATES INC.**  
 Engineers - Surveyors

**PAVING PROJECTS - 2018  
 CRETE, NEBRASKA  
 INTERSECTION REMOVALS AND CONSTRUCTION**

DRN BY: RTK  
 DATE: 7/30/2018  
 SCALE: AS SHOWN  
 PROJ.: 226.337  
 F.B.:  
 SHEET: 5 of 7

24x36 11x17

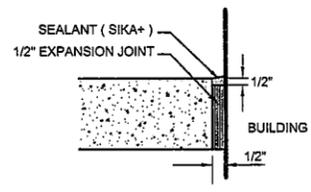


JOINT SPACING FOR STRAIGHT RUNS

WALK WIDTH	DUMMY JOINT SPACING		EXPANSION JOINT SPACING
	TRANSVERSE	LONGITUDINAL	
4'	4'	Not Required	40' Max.
6'	4'	Not Required	42' Max.
8'	4'	4'	40' Max.
10'	5'	5'	40' Max.
12'	6'	6'	42' Max.

NOTE: Whenever A Concrete Walk Abuts A Structure Such As Another Walk, Curb, Stoop, Storm Drain Inlet, Or Manhole, An Expansion Joint Shall Be Installed Between The Walk And The Structure.

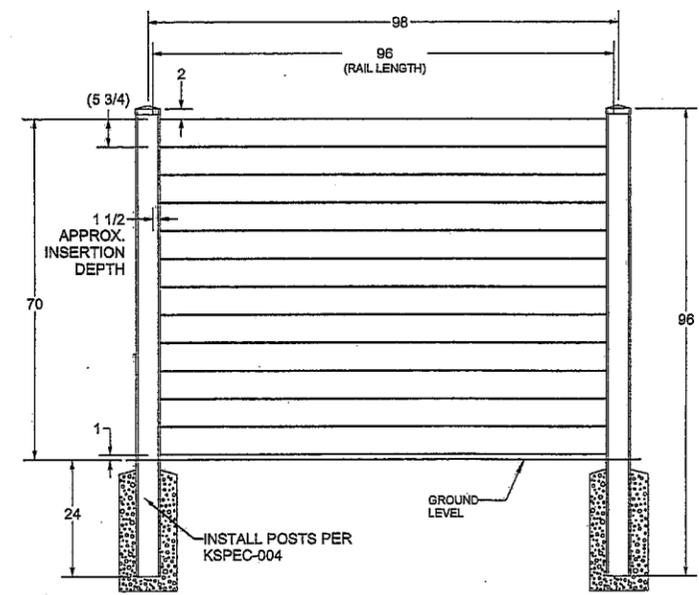
TYPICAL SIDEWALK DETAIL



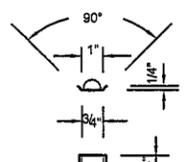
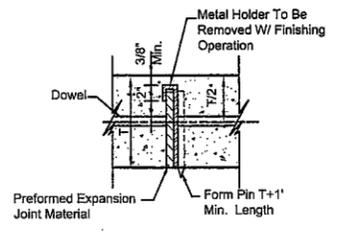
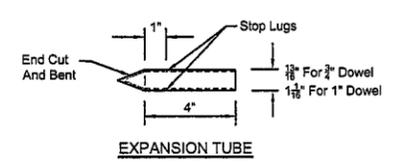
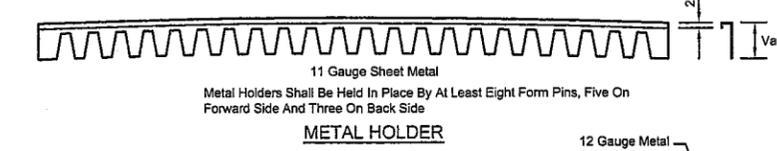
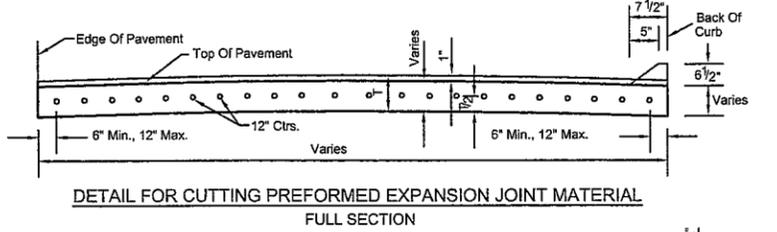
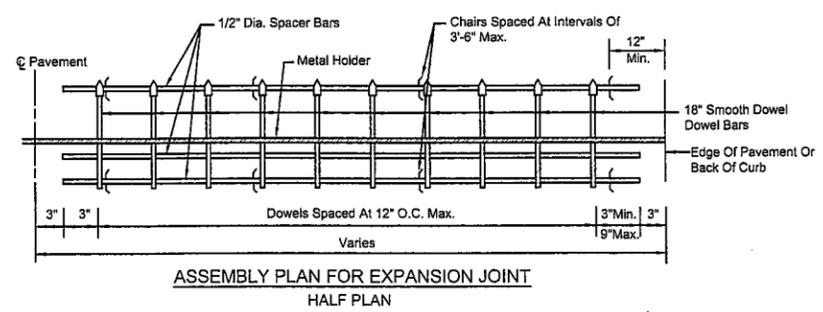
EXPANSION JOINT AT BUILDINGS IN ALLEY

Parts List for K355

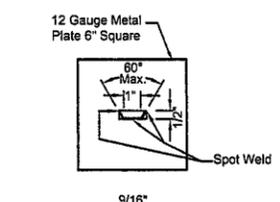
QTY	DESCRIPTION	LENGTH
1	5 x 5 GS Post	96"
1	5 x 5 Ext. Long Cap	N/A
12	7/8"x6" Ribbed	96"



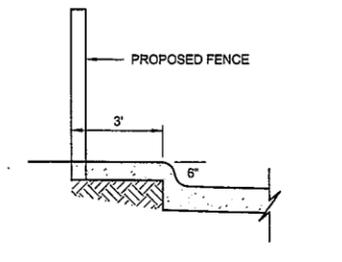
6' BASKET WEAVE FENCE DETAIL  
NO SCALE



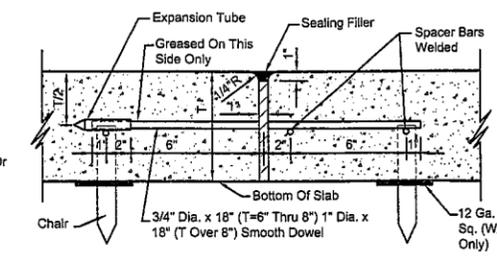
NOTE: Similar Devices May Be Used If Approved By The Engineer.



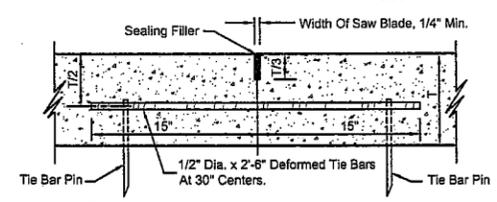
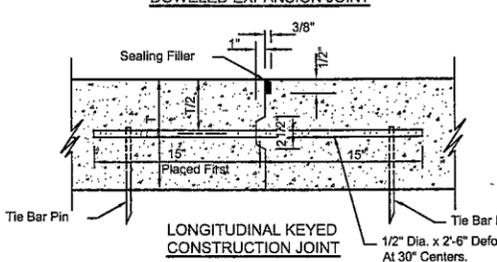
EXPANSION JOINT DETAILS



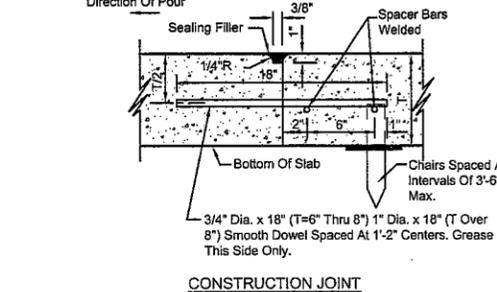
SOUTH SIDEWALK DETAIL  
NO SCALE



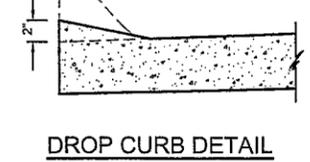
NOTE: Premolded Material Shall Be Used For Expansion Joints Unless Otherwise Specified.



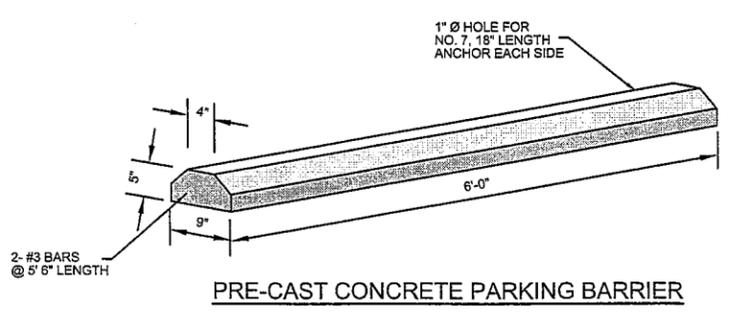
When Two Adjacent Lanes Are Poured At The Same Time, Longitudinal Joint Common To The Two Lanes Shall Be Sawed



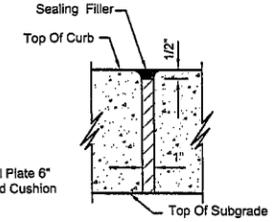
PAVING JOINT DETAILS



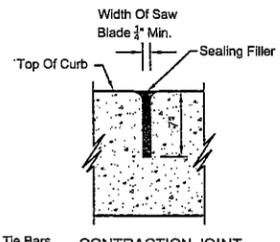
DROP CURB DETAIL



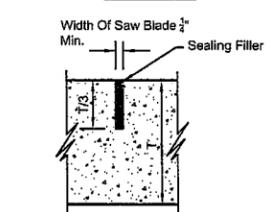
PRE-CAST CONCRETE PARKING BARRIER



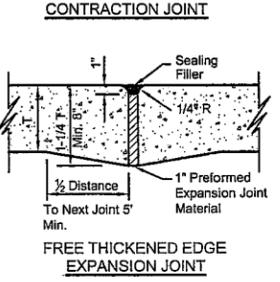
EXPANSION JOINT THRU CURB



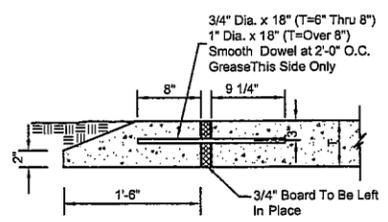
CONTRACTION JOINT THRU CURB



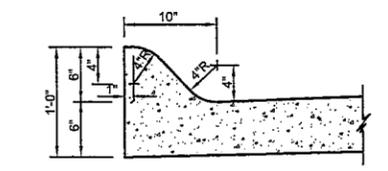
Contraction Joints Shall Be Sawed And Spaced At A Max. Of 1.25 The Width Between Longitudinal Joint



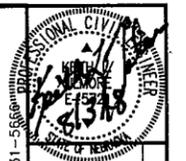
FREE THICKENED EDGE EXPANSION JOINT



HEADER DETAIL



INTEGRAL CURB DETAIL



Diggers Holthorn of Nebraska 1-800-331-5888  
 Phone: (402) 554-2800  
 Fax: (402) 554-2800  
 Box 565 3870 33rd Ave.  
 Columbia, Nebraska 68002-0565

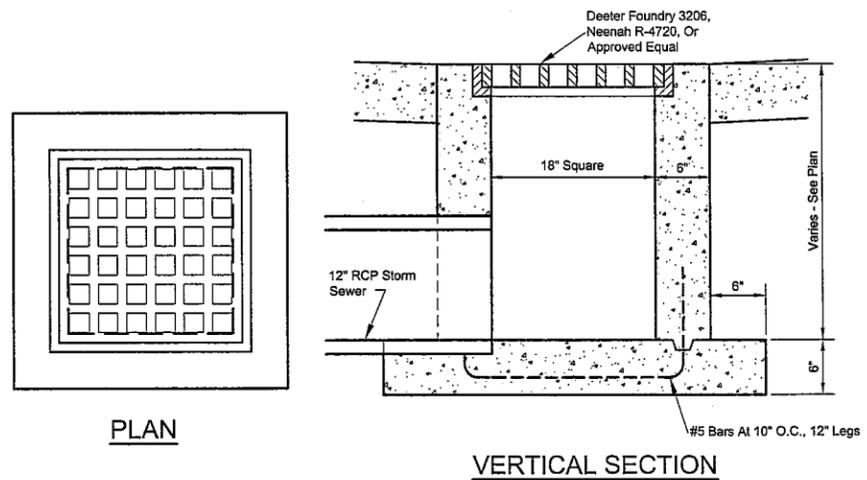
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PAVING PROJECTS - 2018  
 CRETE, NEBRASKA  
 DETAILS

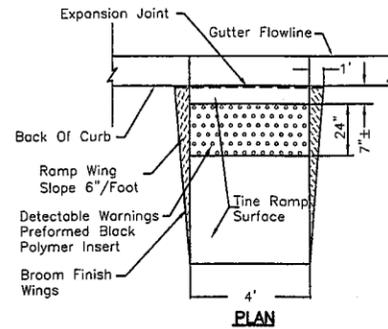
DRN BY: RTK  
 DATE: 7/30/2018  
 SCALE: AS SHOWN  
 PROJ.: 226.337  
 F.B.:  
 SHEET: 6 of 7

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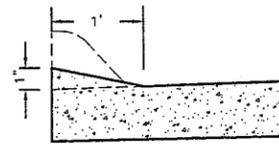
**GRATE INLET - TYPE III**



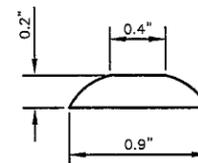
NOTE: Tines Shall be Transverse to the Slope of the Ramp. Tines Shall be Grooved Approximately 1/8" Wide and 3/16" Deep on 1/2" Centers.

Locations As Shown On The Plans. Construction Shall Be Considered Incidental Work And Included In The Sidewalk Paving Bid Item.

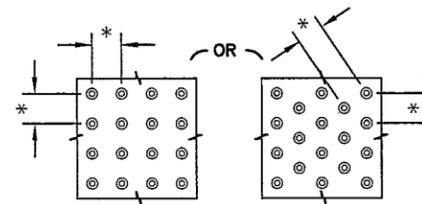
**HANDICAPPED RAMP**



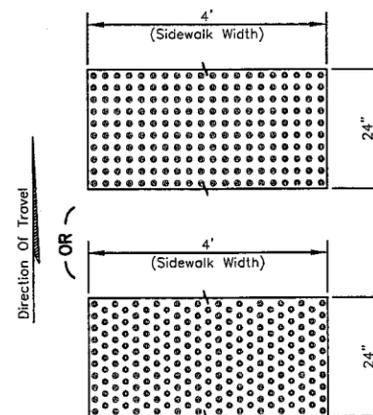
**HANDICAP CURB CUT**



**Dome Section**



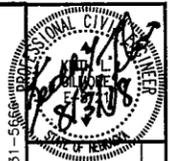
**Dome Spacing** \* 2.35" (Typ.)



**Dome Alignment**

NOTE: Prefomed Black Polymer Insert

**DETECTABLE WARNING DETAILS**



Diggers Hotline of Nebraska 1-800-331-5666

Phone (402) 544-2807  
 Fax (402) 564-2800  
 Box 565 2870 33rd Ave.  
 Columbus, Nebraska 68502-0565



**PAVING PROJECTS - 2018**  
**CRETE, NEBRASKA**  
**DETAILS**

DRN BY	RTK
DATE	7/30/2018
SCALE	AS SHOWN
PROJ.	226.337
F.B.	
SHEET	7 of 7