

City of Scottsbluff, Nebraska

Tuesday, February 17, 2015

Regular Meeting

Item Bids3

Council to approve specifications for the Riverside Discovery Center entrance and Avenue N intersection improvement project and authorize the city clerk to advertise for bids to be received by March 10, 2015, 2:00 p.m.

Staff Contact: Mark Bohl, Public Works Director

**Advertisement for Bids
Riverside Zoo Entrance & Avenue 'N' Intersection Improvement Project**

Owner: City of Scottsbluff
Address: 2525 Circle Drive, Scottsbluff, NE 69361

Sealed Bids for the Riverside Zoo Entrance & Avenue 'N' Intersection Improvement Project for the City of Scottsbluff, will be received by Cindy Dickinson, City Clerk at City Hall, 2525 Circle Drive, Scottsbluff, Nebraska until 2:00 P.M., (Local Time) March 10, 2015, and then at said office publicly opened and read aloud.

The Contract Documents may be examined at the following locations:
City of Scottsbluff
2525 Circle Drive
Scottsbluff, NE 69361

M.C. Schaff & Associates
818 South Beltline Highway East
Scottsbluff, NE 69361

Copies of the Contract Documents may be obtained at the office of M.C. Schaff & Associates located at 818 South Beltline Highway East, Scottsbluff, NE 69361 upon payment of \$25.00 for each set, none of which will be refunded.

/s/ Cindy Dickinson
City Clerk

Publish three times:
2/20/2015, 2/27/2015, 3/6/2015

BID FORM FOR CONSTRUCTION CONTRACTS

Prepared by

ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

and

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ASSOCIATED GENERAL CONTRACTORS OF AMERICA

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CONSTRUCTION SPECIFICATIONS INSTITUTE

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BID FORM

Riverside Zoo Entrance and Avenue ‘N’ Intersection Improvement Project
Scottsbluff, Nebraska

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ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

City of Scottsbluff
2525 Circle Drive
Scottsbluff, NE 69361

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.02 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06 as containing reliable "technical data."

E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained

from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.

- F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
 - G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
 - H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
1. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID

Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Riverside Zoo Entrance & Avenue 'N' Intersection

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Estimated Price</u>
1	Mobilization	1	LS	\$ _____	\$ _____
2	Remove Existing Pavement, Curb, Gutter, Sidewalk, Etc.	3,300	SF	\$ _____	\$ _____
3	Remove Bollard and Barricade (Salvage Barricade to Owner)	1	LS	\$ _____	\$ _____
4	Embankment (Established Quantity)	200	CY	\$ _____	\$ _____
5	9-Inch P.C. Concrete Pavement	765	SY	\$ _____	\$ _____
6	24-Inch P.C. Concrete Curb & Gutter	65	LF	\$ _____	\$ _____
7	30-Inch P.C. Concrete Curb & Gutter	15	LF	\$ _____	\$ _____
8	10-Foot P.C. Concrete Valley Gutter	200	SF	\$ _____	\$ _____
9	6-Inch P.C. Concrete Driveway	110	SF	\$ _____	\$ _____
10	4-Inch P.C. Concrete Sidewalks	325	SF	\$ _____	\$ _____
11	Handicap Ramp	2	EA	\$ _____	\$ _____
12	Standard Storm Drain Inlet	2	EA	\$ _____	\$ _____

13	Storm Drain Manhole	1	EA	\$ _____	\$ _____
14	15-Inch R.C.C.P. Storm Drain	50	LF	\$ _____	\$ _____
15	30-Inch R.C.C.P. Storm Drain	200	LF	\$ _____	\$ _____
16	30-Inch R.C.C.P. Flared End Section	4	EA	\$ _____	\$ _____
17	2-Inch Gravel Surface Course	10	CY	\$ _____	\$ _____
18	Relocate Fire Hydrant and Valve	1	LS	\$ _____	\$ _____
19	Adjust Manhole to Grade	3	EA	\$ _____	\$ _____
20	Seeding and Mulching	0.15	ACRE	\$ _____	\$ _____
TOTAL ITEMS 1-20				\$ _____	\$ _____

Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.

Bidder acknowledges that this contract is a lump sum contract for each schedule. No additional payment will be made for extras without an approved change order.

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

The following documents are submitted with and made a condition of this bid:

- A. Required Bid security in the form of a Bid Bond (EJCDC No. C-430) or Certified Check (circle type of security provided);
- B. List of Project References;

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

Name of Joint Venture: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Bidder's Business Address _____

Phone No. _____ **Fax No.** _____

E-mail _____

SUBMITTED on _____, 20____.

State Contractor License No. _____ . *[If applicable]*

ARTICLE 9 – BID SUBMITTAL

9.01 This Bid is submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

A Partnership

Partnership Name: _____

By: _____
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____
Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest _____

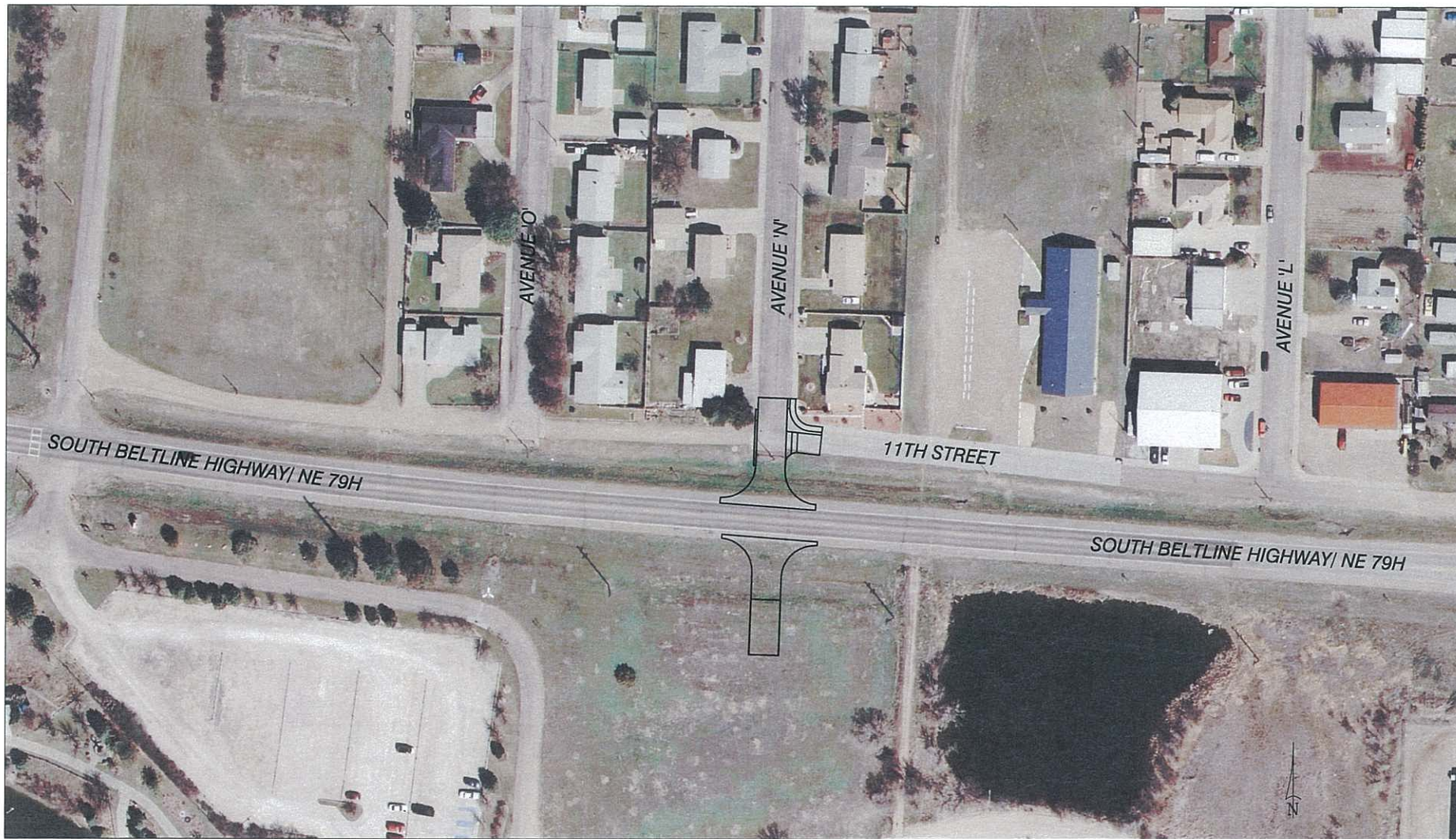
Date of Qualification to do business in NEBRASKA is ____/____/____.

A Joint Venture

Cost Estimate

Avenue N & Zoo Entrance				
No.	Description	Unit	Unit Cost	Total
1	Mobilization	LS	\$ 5,000.00	\$ 5,000.00
2	Remove Existing Pavement, Curb, Gutter, Etc	SF	\$ 1.50	\$ 4,950.00
3	Remove Bollard	EA	\$ 250.00	\$ 250.00
4	Embankment (Established Quantity)	CY	\$ 25.00	\$ 5,000.00
5	Storm Drain Curb Inlet	EA	\$ 2,000.00	\$ 4,000.00
6	Standard Storm Drain Manhole	EA	\$ 3,500.00	\$ 3,500.00
7	15-Inch RCCP Storm Drain Pipe	LF	\$ 50.00	\$ 2,500.00
8	30-Inch RCCP Storm Drain Pipe	LF	\$ 95.00	\$ 19,000.00
9	30-Inch Concrete Flared End Section	EA	\$ 1,500.00	\$ 6,000.00
10	9-Inch P.C. Concrete Pavement	SY	\$ 50.00	\$ 38,250.00
11	24-Inch P.C. Concrete Curb & Gutter	LF	\$ 20.00	\$ 1,300.00
12	30-Inch P.C. Concrete Curb & Gutter	LF	\$ 20.00	\$ 300.00
13	10-Foot P.C. Concrete Valley Gutter	SF	\$ 10.00	\$ 2,000.00
14	6-Inch P.C. Concrete Driveway	SF	\$ 6.00	\$ 660.00
15	4-Inch P.C. Concrete Sidewalk	SF	\$ 5.00	\$ 1,625.00
16	Handicap Ramp	EA	\$ 750.00	\$ 1,500.00
17	2-Inch Gravel Surface Course	CY	\$ 75.00	\$ 750.00
18	Relocate Fire Hydrant & Valve	EA	\$ 1,500.00	\$ 1,500.00
19	Adjust Manhole to Grade	EA	\$ 400.00	\$ 1,200.00
20	Seeding & Mulch	ACRE	\$ 5,000.00	\$ 750.00
Total Items 1-20				\$ 100,035.00

RIVERSIDE ZOO ENTRANCE & AVENUE 'N' INTERSECTION IMPROVEMENT PROJECT SCOTTSBLUFF, NE CONSTRUCTION PLANS



SHEET INDEX

DRAWING	SHEET	DRAWING
G-1	1	COVER SHEET
LEG-1	2	LEGEND, ABBREVIATIONS, NOTES, & SUMMARY OF QUANTITIES
2T	3	TYPICAL CROSS-SECTION
RMV - 1	4	REMOVAL PLANS
PP - 1	5	PLAN & PROFILE
C-1	6	CONSTRUCTION PLANS
DTL - 1-3	7-9	STANDARD DETAILS
303 - 1-4	10-13	CURB RAMP DETAILS



M. C. SCHAFF AND ASSOCIATES, INC.
818 SOUTH BELTLINE HIGHWAY EAST
SCOTTSBLUFF, NEBRASKA 69361

ENGINEERS ♦ PLANNERS ♦ DESIGNERS ♦ LAND SURVEYORS
 PH: 308-635-1926 FAX: 308-635-7807 INTERNET: WWW.MCSCHAFF.COM



LEGEND

SYMBOL	EXISTING	PROPOSED
PROPERTY CORNER		
RIGHT OF WAY MARKER		
STOP SIGN		
ROAD SIGN		
DELINEATOR		
BOLLARD		
MAILBOX		
FIRE HYDRANT		
VALVE		
METER PIT		
MANHOLE		
STORM INLET		
POWER POLE		
LIGHT POLE		
GUY WIRE		
ELECTRIC TRANSFORMER		
TRAFFIC SIGNAL W/ LUMINARY		
TELEPHONE PEDESTAL		
TELEPHONE MARKER		
GAS MARKER		
CABLE TV PEDESTAL		
DECIDUOUS TREE		
CONIFER		
MONITORING WELL		

LEGEND

SYMBOL	EXISTING	PROPOSED
RIGHT OF WAY		
CENTERLINE		
WATER MAIN		
6" WATER MAIN		
8" WATER MAIN		
12" WATER MAIN		
8" SANITARY SEWER		
12" SANITARY SEWER		
15" SANITARY SEWER		
STORM DRAIN		
OVERHEAD ELECTRIC		
UNDERGROUND ELECTRIC		
UNDERGROUND TELEPHONE		
UNDERGROUND CABLE TV		
UNDERGROUND FIBER OPTIC		
GAS MAIN		
FENCE		
EDGE OF PAVEMENT		
CURB AND GUTTER		
CONSTRUCTION LIMITS		

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
AUX	AUXILIARY
BB	BACK TO BACK
BDC	BEGIN DROP CURB
BL	BURY LINE
BOP	BEGINNING OF PROJECT
@, C/L	CENTERLINE
CMP	CORRUGATED METAL PIPE
CY	CUBIC YARDS
D	DEGREE OF CURVATURE
DC	TOP OF DROP CURB
DIA	DIAMETER
E	EAST, EASTING
EA	EACH
EDC	END DROP CURB
EL, ELEV	ELEVATION
FES	FLARED END SECTION
FL	FLOW LINE
FT	FEET, FOOT
HOR	HORIZONTAL
IE	INVERT ELEVATION
LBS	POUNDS
LF	LINEAL FEET
LIN	LINEAL
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
N	NORTH, NORTHING
OC	ON CENTER
OFF	OFFSET
P.C.	PORTLAND CEMENT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PREP	PREPARATION
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
R,RAD	RADIUS
RCCP	REINFORCED CONCRETE CULVERT PIPE
RE:	REFERENCE
REINF	REINFORCE, REINFORCING
RGSV	RESILIENT SEATED GATE VALVE
ROW	RIGHT OF WAY
RT	RIGHT
SQ	SQUARE
STA	STATION
SY	SQUARE YARDS
T	TANGENT
TC	TOP OF CURB
TEMP	TEMPORARY
TP	TOP OF PAVEMENT
TW	TOP OF SIDEWALK
TYP	TYPICAL
VER	VERTICAL
VO	VERTICAL OPERATING
VPI	VERTICAL POINT OF INTERSECTION
YDS	YARDS

GENERAL NOTES

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROJECT.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY PROBLEMS IN CONFORMING TO THE APPROVED PLANS FOR ANY ELEMENT OF THE PROPOSED IMPROVEMENTS PRIOR TO ITS CONSTRUCTION.

ANY CONSTRUCTION DEBRIS OR MUD TRACKING ONTO THE PUBLIC RIGHT OF WAY, RESULTING FROM THE PROJECT, SHALL BE REMOVED IMMEDIATELY, BY THE CONTRACTOR. THE CONTRACTOR SHALL IMMEDIATELY FIX ANY EXCAVATION, OR EXCESSIVE PAVEMENT FAILURE CAUSED BY THE FAILURE, AND SHALL PROPERLY BARRICADE THE SITE UNTIL CONSTRUCTION IS COMPLETE. FAILURE BY THE CONTRACTOR, TO CORRECT ANY OF THE ABOVE WITHIN 48 HOURS OF WRITTEN NOTICE, BY THE CITY, SHALL CAUSE THE CITY TO ISSUE A STOP WORK ORDER (RED TAG) AND/OR DO THE WORK AND MAKE A CLAIM AGAINST THE PROJECTS LETTER OF CREDIT FOR ANY COSTS INCURRED BY THE CITY OF SCOTTSBLUFF.

THE CONTRACTOR SHALL BE SOLELY, AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS AT, AND ADJACENT TO THE JOB SITE, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS, THE DUTY OF THE CITY TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON OR NEAR THE CONSTRUCTION SITE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING UTILITY LOCATIONS AT LEAST 48 HOURS (2 BUSINESS DAYS) PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. FOR INFORMATION CONTACT DIGGERS HOTLINE: 1-800-331-5666. THE CONTRACTOR SHALL FIELD VERIFY SIZE, HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING FACILITIES PRIOR TO ANY CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITY SERVICES AND SHALL REPLACE ANY DAMAGED UTILITY AT HIS OWN EXPENSE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR COORDINATING ALL UTILITY RELOCATION WORK WITH THE APPROPRIATE UTILITY COMPANY DURING THE CONSTRUCTION PROCESS.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS PRIOR TO ADJUSTING ALL CLEANOUTS, MANHOLES, VALVE BOXES, SURVEY MONUMENTS, AND ANY OTHER FIXTURES PRIOR TO FINAL PAVING.

THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS OR OTHER DEVICES NECESSARY TO PROVIDE FOR THE PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO ALL PROPERTIES ABUTTING THE PROJECT SITE THROUGHOUT THE PERIOD OF CONSTRUCTION. PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNERS IMPACTED BY THIS PROJECT.

PRIOR TO FINAL PLACEMENT OF PAVEMENT, ALL UNDERGROUND UTILITY MAINS SHALL BE INSTALLED AND SERVICE CONNECTIONS STUBBED OUT BEYOND THE CURB LINE, WHEN ALLOWED BY THE UTILITY. SERVICE BY THE PUBLIC UTILITIES AND FROM SANITARY SEWERS SHALL BE MADE AVAILABLE FOR EACH PROPERTY IN SUCH A MANNER THAT IT WILL NOT BE NECESSARY TO DISTURB THE STREET PAVEMENT, CURB, GUTTER AND SIDEWALK WHEN CONNECTIONS ARE MADE.

THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AND TESTING AGENCY AT LEAST 24 HOURS PRIOR TO THE DESIRED INSPECTION.

ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED AND THE SAFETY OF WORKERS PROVIDED FOR AS REQUIRED BY THE MOST RECENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION. THESE REGULATIONS ARE DESCRIBED IN SUBPART P., PART 1926 OF THE CODE OF FEDERAL REGULATIONS. UTILIZE SHEETING AND SHORING WHERE REQUIRED TO PREVENT ANY EXCESSIVE WIDENING OR SLOUGHING OF THE TRENCH WHICH MAY BE DETRIMENTAL TO HUMAN SAFETY, TO THE PIPE BEING PLACED, TO TREES, OR TO ANY EXISTING STRUCTURE, WHERE EXCAVATIONS ARE MADE UNDER SEVERE WATER CONDITIONS, THE CONTRACTOR MAY BE REQUIRED TO USE AN APPROVED PILING INSTEAD OF SHEETING AND SHORING. EXCAVATED MATERIAL SHALL NOT BE PLACED NEARER THAN 2 FEET FROM THE SIDES OF THE TRENCH. HEAVY EQUIPMENT SHALL NOT BE PLACED NEAR THE SIDES OF THE TRENCH UNLESS THE TRENCH IS ADEQUATELY BRACED.

COMPACTION OF ALL TRENCHES AND ANY OTHER REQUIRED AREAS MUST BE ATTAINED AND THE TEST RESULTS SUBMITTED TO THE ENGINEER AND THE CITY OF SCOTTSBLUFF PRIOR TO ACCEPTANCE.

THE CONTRACTOR SHALL HAVE IN HIS/HER POSSESSION AT ALL TIMES AT LEAST ONE COPY OF THE PLANS APPROVED BY THE CITY OF SCOTTSBLUFF.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE CITY OF SCOTTSBLUFF AT LEAST 48 HOURS PRIOR TO THE START OF ANY CONSTRUCTION.

THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING DUST CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.

REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS OR LANDSCAPING IS THE RESPONSIBILITY OF THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

QUANTITIES - ZOO ENTRANCE

ITEM	DESCRIPTION	ESTIMATED QUANTITY
1	MOBILIZATION	1 LUMP SUM
2	REMOVE EXISTING PAVEMENT, CURB, GUTTER, DRIVEWAY, AND SIDEWALKS	3,300 S.F.
3	REMOVE BOLLARD & BARRICADE (SALVAGE BARRICADE TO OWNER)	1 L.S.
4	EMBANKMENT (ESTABLISHED QUANTITY)	200 C.Y.
5	9-INCH P.C. CONCRETE PAVEMENT	765 S.Y.
6	24-INCH P.C. CONCRETE CURB AND GUTTER	65 L.F.
7	30-INCH P.C. CONCRETE CURB AND GUTTER	15 L.F.
8	10-FOOT P.C. CONCRETE VALLEY GUTTER	200 S.F.
9	6-INCH P.C. CONCRETE DRIVEWAY	110 S.F.
10	4-INCH P.C. CONCRETE SIDEWALK	325 S.F.
11	HANDICAP RAMP	2 EA.
12	STANDARD STORM DRAIN INLET	2 EA.
13	STORM DRAIN MANHOLE	1 EA.
14	15-INCH R.C.C.P. STORM DRAIN	50 L.F.
15	30-INCH R.C.C.P. STORM DRAIN	200 L.F.
16	30-INCH R.C.C.P. FLARED END SECTION	4 EA.
17	2-INCH GRAVEL SURFACE COURSE	10 C.Y.
18	RELOCATE FIRE HYDRANT AND VALVE	1 L.S.
19	ADJUST MANHOLE TO GRADE	3 EA.
20	SEEDING & MULCHING	0.15 ACRES



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SCOTTSBLUFF, NEBRASKA 69361

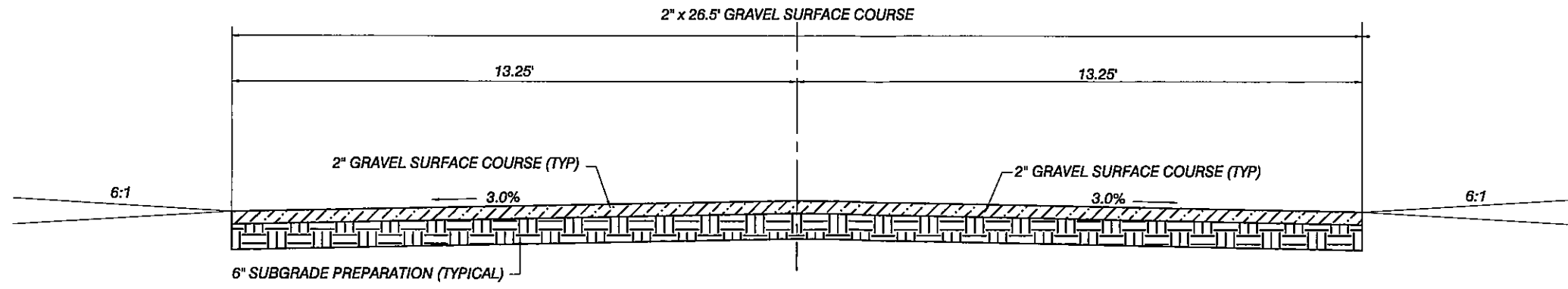
ENGINEERS ♦ PLANNERS ♦ DESIGNERS ♦ LAND SURVEYORS
 PH: 308-635-1926 FAX: 308-635-7807 INTERNET: WWW.MCSCHAFF.COM

PROJECT: RIVERSIDE ZOO ENTRANCE & AVENUE 'N' INTERSECTION IMPROVEMENT PROJECT SCOTTSBLUFF, NE
LEGEND / SUMMARY OF QNTYS

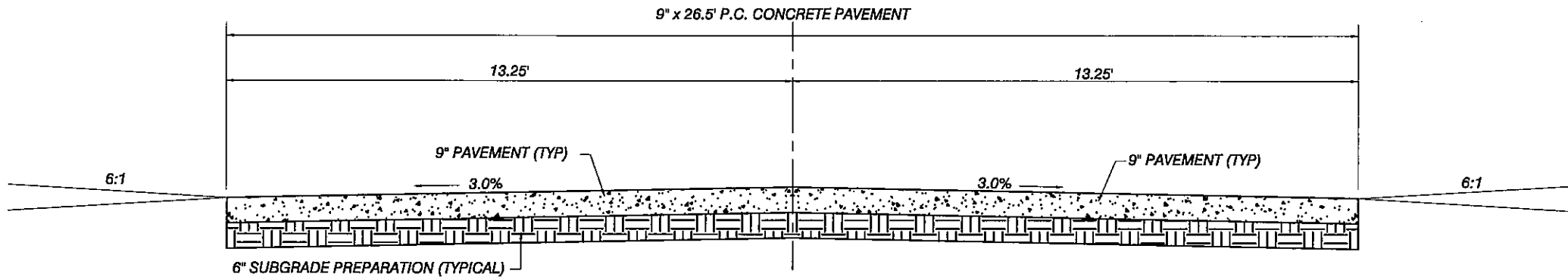
CLIENT: CITY OF SCOTTSBLUFF

PROJECT NUMBER: RM 140252-00
PROJECT DATE: 08/07/2014
PROJECT MGR: D.A.S.
PROJECT TEAM: A.V./D.B.

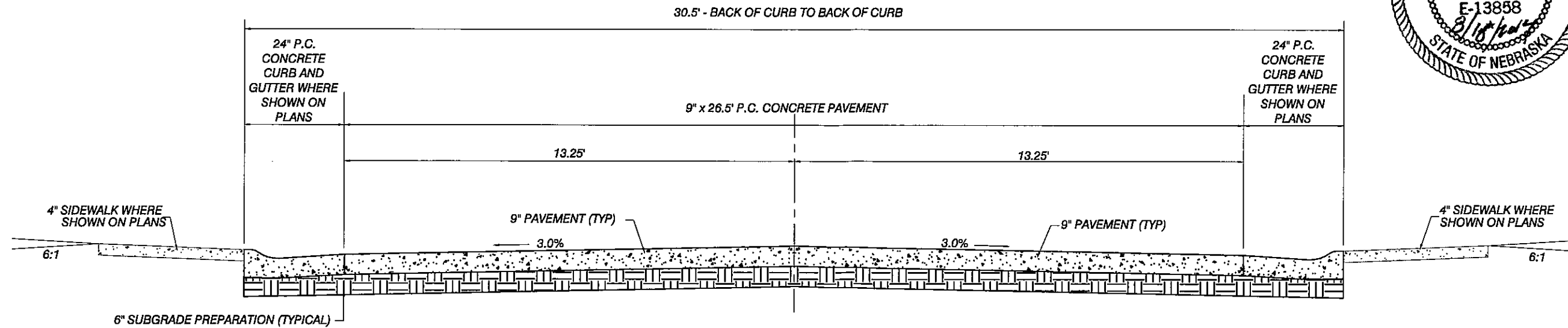
DATE	REVISION



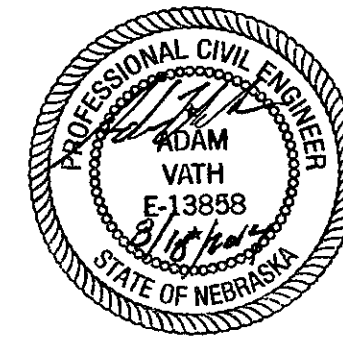
ZOO ENTRANCE
TYPICAL CROSS-SECTION OF IMPROVEMENT
STA 102+45.17 TO STA 102+95.16



ZOO ENTRANCE
TYPICAL CROSS-SECTION OF IMPROVEMENT
STA 102+95.16 TO STA 103+50.80



AVENUE 'N'
TYPICAL CROSS-SECTION OF IMPROVEMENT
STA 103+79.02 TO STA 104+77.21



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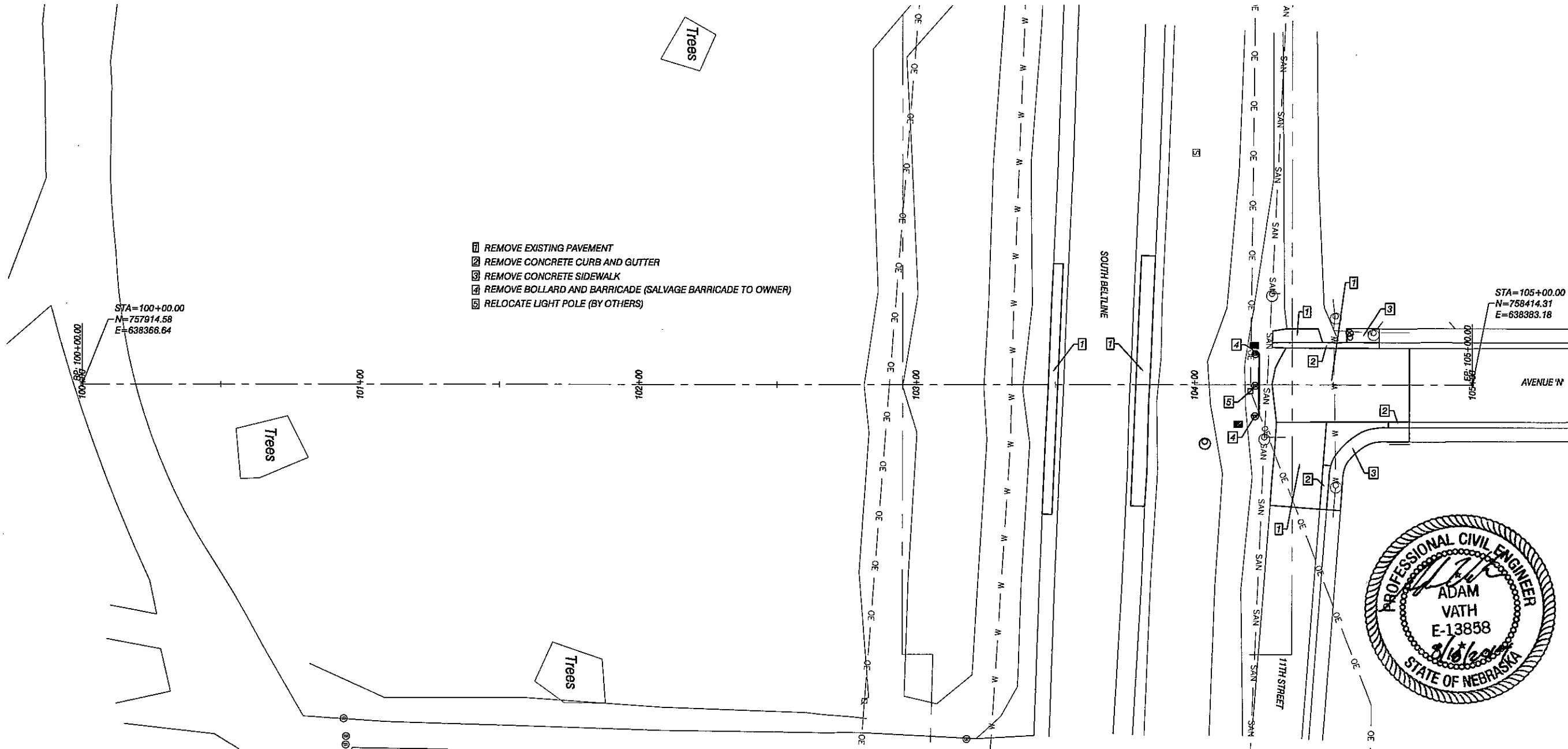
PROJECT: RIVERSIDE ZOO ENTRANCE
& AVENUE 'N' INTERSECTION
IMPROVEMENT PROJECT
SCOTTSBLUFF, NE
TYPICAL CROSS-SECTION
CLIENT: CITY OF SCOTTSSLUFF

PROJECT NUMBER:
RM140252-00
PROJECT DATE:
08/07/2014
PROJECT MGR:
D.A.S.
PROJECT TEAM:
A.V./D.B.

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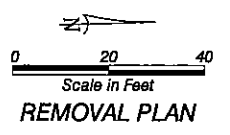
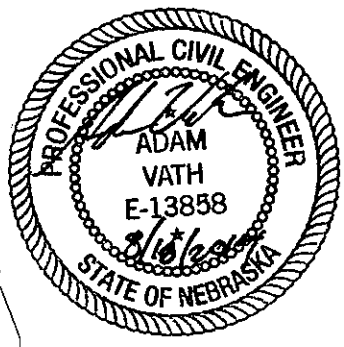


- 1 REMOVE EXISTING PAVEMENT
- 2 REMOVE CONCRETE CURB AND GUTTER
- 3 REMOVE CONCRETE SIDEWALK
- 4 REMOVE BOLLARD AND BARRICADE (SALVAGE BARRICADE TO OWNER)
- 5 RELOCATE LIGHT POLE (BY OTHERS)

STA=100+00.00
 N=757914.58
 E=638366.64

STA=105+00.00
 N=758414.31
 E=638383.18

NOTES:
 THE CONTRACTOR SHALL PROVIDE AND KEEP ON THE WORK SITE, A CONCRETE SAW WHICH WILL BE USED IN REMOVING EXISTING PAVEMENT, DRIVEWAY, CURB, GUTTER, AND SIDEWALK TO TRUE AND STRAIGHT LINE, REGARDLESS OF JOINTING IN SUCH SURFACES. ALL SAW CUTS SHALL BE FULL DEPTH TO PREVENT DAMAGE TO ADJACENT PANELS. THERE SHALL BE NO DIRECT PAYMENT FOR SAW CUTTING IT SHALL BE SUBSIDIARY TO REMOVALS.



M. C. SCHAFF & ASSOCIATES, INC.
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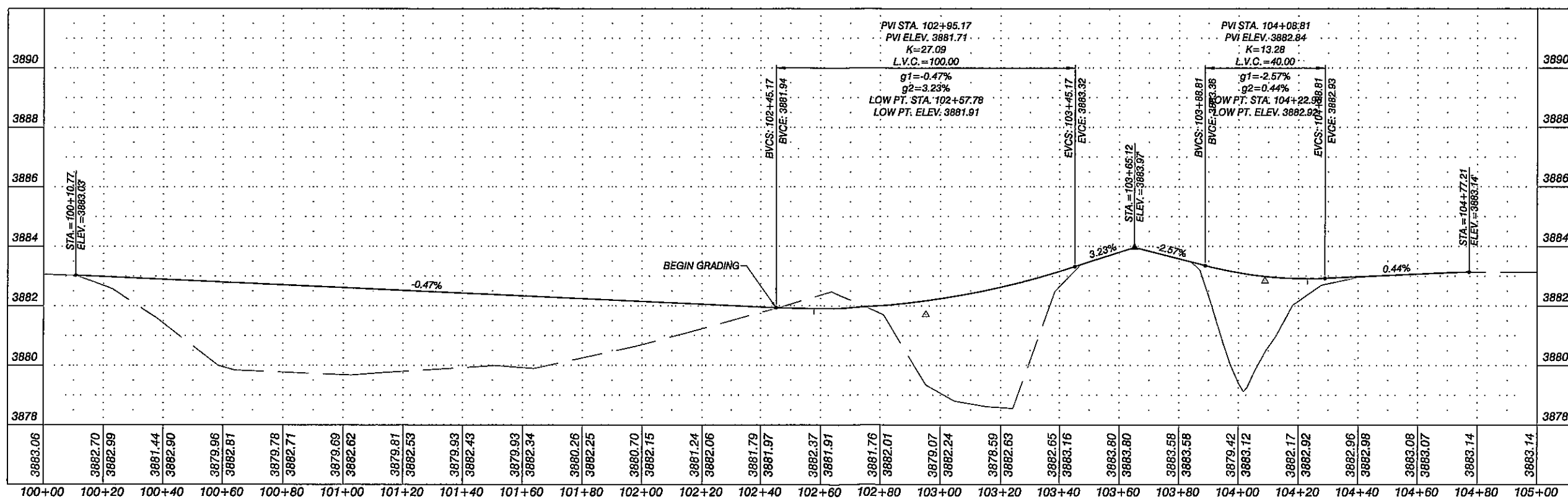
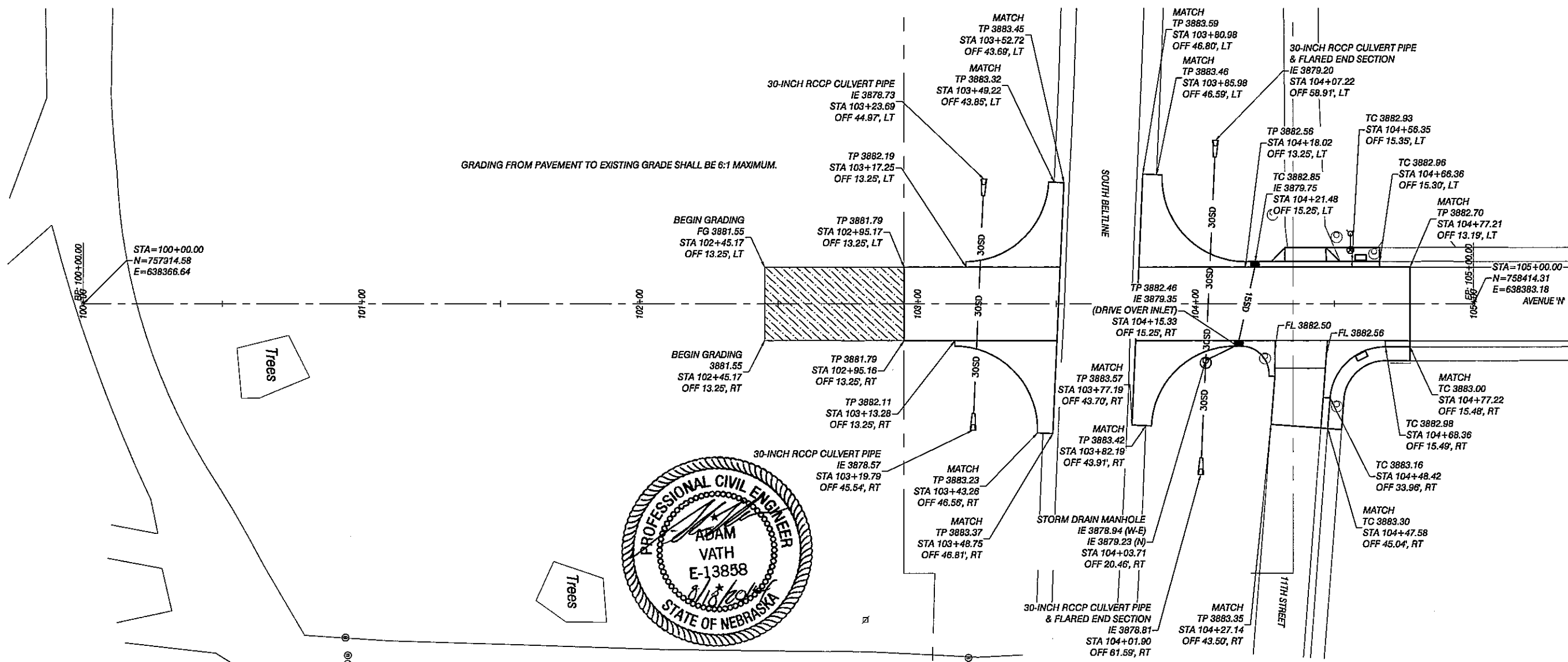
PROJECT: RIVERSIDE ZOO ENTRANCE & AVENUE 'N' INTERSECTION IMPROVEMENT PROJECT
 SCOTTSBLUFF, NE
 REMOVAL PLANS
 CLIENT: CITY OF SCOTTSBLUFF

PROJECT NUMBER:	RM 140252-00
PROJECT DATE:	08/07/2014
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PROJECT: RIVERSIDE ZOO ENTRANCE & AVENUE 'N' INTERSECTION IMPROVEMENT PROJECT SCOTTSBLUFF, NE

CLIENT: CITY OF SCOTTSBLUFF

PROJECT NUMBER:
RM140252-00

PROJECT DATE:
08/07/2014

PROJECT MGR:
D.A.S.

PROJECT TEAM:
A.V./D.B.

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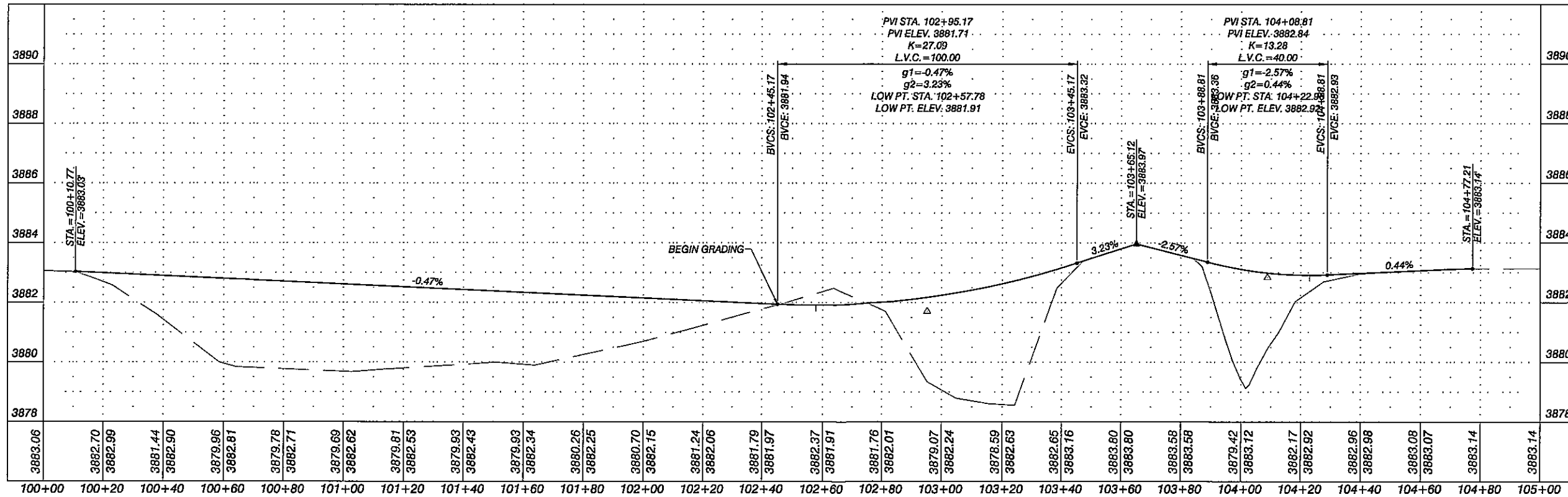
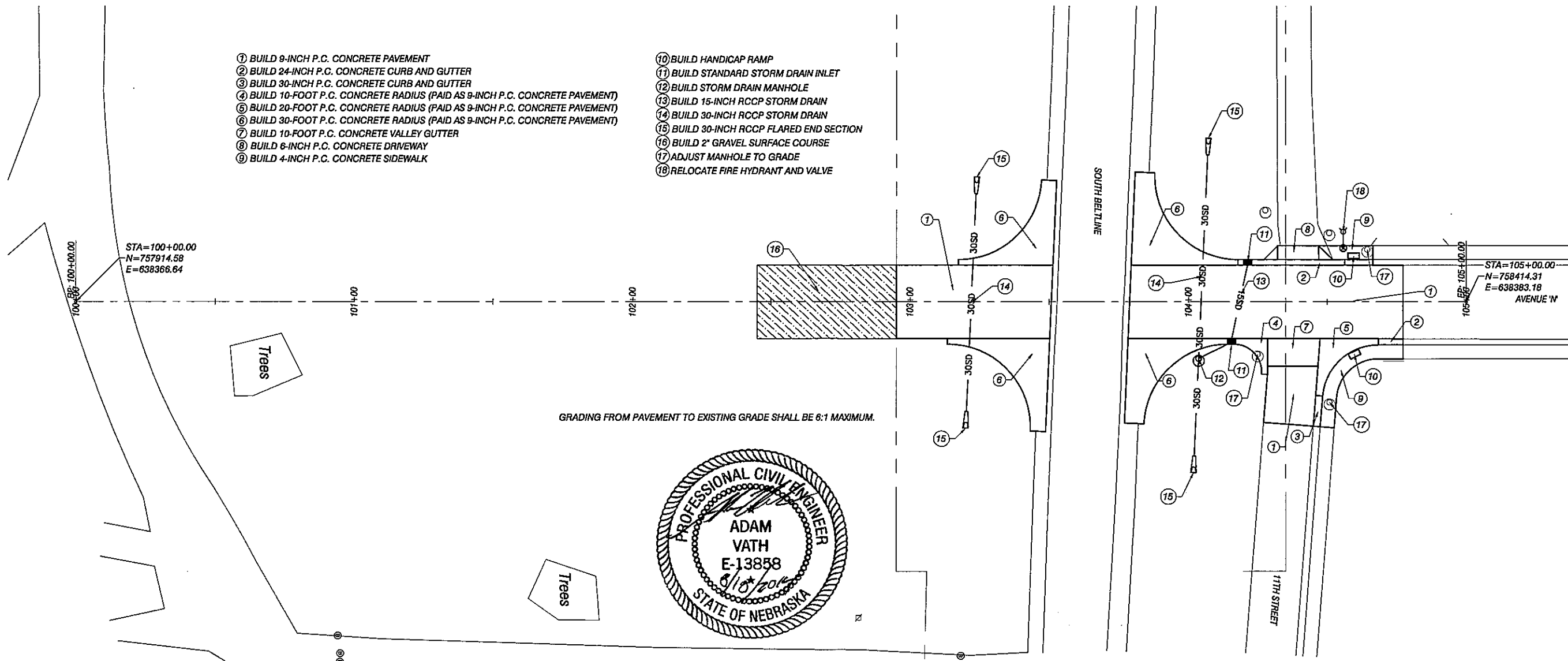
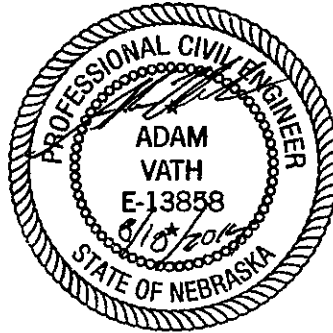
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- ① BUILD 9-INCH P.C. CONCRETE PAVEMENT
- ② BUILD 24-INCH P.C. CONCRETE CURB AND GUTTER
- ③ BUILD 30-INCH P.C. CONCRETE CURB AND GUTTER
- ④ BUILD 10-FOOT P.C. CONCRETE RADIUS (PAID AS 9-INCH P.C. CONCRETE PAVEMENT)
- ⑤ BUILD 20-FOOT P.C. CONCRETE RADIUS (PAID AS 9-INCH P.C. CONCRETE PAVEMENT)
- ⑥ BUILD 30-FOOT P.C. CONCRETE RADIUS (PAID AS 9-INCH P.C. CONCRETE PAVEMENT)
- ⑦ BUILD 10-FOOT P.C. CONCRETE VALLEY GUTTER
- ⑧ BUILD 6-INCH P.C. CONCRETE DRIVEWAY
- ⑨ BUILD 4-INCH P.C. CONCRETE SIDEWALK

- ⑩ BUILD HANDICAP RAMP
- ⑪ BUILD STANDARD STORM DRAIN INLET
- ⑫ BUILD STORM DRAIN MANHOLE
- ⑬ BUILD 15-INCH RCCP STORM DRAIN
- ⑭ BUILD 30-INCH RCCP STORM DRAIN
- ⑮ BUILD 30-INCH RCCP FLARED END SECTION
- ⑯ BUILD 2" GRAVEL SURFACE COURSE
- ⑰ ADJUST MANHOLE TO GRADE
- ⑱ RELOCATE FIRE HYDRANT AND VALVE

GRADING FROM PAVEMENT TO EXISTING GRADE SHALL BE 6:1 MAXIMUM.



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PROJECT: RIVERSIDE ZOO ENTRANCE & AVENUE 'N' INTERSECTION IMPROVEMENT PROJECT SCOTTSBLUFF, NE CONSTRUCTION PLANS

CLIENT: CITY OF SCOTTSBLUFF

PROJECT NUMBER: RM140252-00
PROJECT DATE: 08/07/2014
PROJECT MGR: D.A.S.
PROJECT TEAM: A.V./D.B.

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