City of Seward, NE Tuesday, March 17, 2015 Regular Session

Item G3

PUBLIC HEARING - 7:00 P.M. - CONSIDERATION OF A PRELIMINARY PLAT TITLED WEB 4TH ADDITION - John Hughes

Administrative Report: Following the public hearing, review and discussion, the Council may choose to approve the Preliminary Plat.

Staff Contact:

NOTICE OF PUBLIC HEARING

Public notice is hereby given by the Planning Commission of the City of Seward, Nebraska, that a public hearing will be held at 7:30 p.m. on March 9, 2015, and the City Council of the City of Seward, Seward County, Nebraska on Tuesday March 17, 2015 at 7:00 pm in the Council Chambers at the Municipal Building, 142 North 7th Street, Seward, Nebraska. Said Public Hearings will be to obtain public comment regarding proposed subdivision Preliminary Plat of WEB 4th Addition and Annexation into the City limits.

This subdivision, which is the subject of this notice and of the public hearings, is described as follows (24 lots between Waverly Rd. and E. Maple St, and N. Columbia Ave. and Star St).

Legal Description: A subdivision of Outlot "A", Web 3rd Addition to the City of Seward, located in the Northeast Quarter of Section 16, Township 11 North, Range 3 East of the 6th P.M., Seward County, Nebraska and more particularly described as follows:

Beginning at the Southwest corner of Outlot A, Web 2nd Addition as platted in the City of Seward; THENCE South 89 degrees 59 minutes 20 seconds West, along the north line of Web 2nd Addition, for a distance of 334.97 feet, to the northwest corner of Lot 6. Block 1, Web 2nd Addition; THENCE South 00 degrees 01 minutes 04 seconds East, along the west line of said Lot 6, for a distance of 129.90 feet; THENCE North 89 degrees 57 minutes 38 seconds West, a distance of 60.00 feet; THENCE South 00 degrees 01 minutes 04 seconds East, a distance of 10.00 feet; THENCE North 89 degrees 57 minutes 38 seconds West, a distance of 132.08 feet, to the southeast corner of Lot 1, Block 1, Web 3rd Addition as platted in the City of Seward; THENCE North 00 degrees 00 minutes 00 seconds West along the East line of said Block 1, a distance of 715.40 feet; THENCE South 88 degrees 57 minutes 09 seconds East, along the south right of way line of Waverly Road, a distance of 527.12 feet to the northwest corner of Outlot A, Seward Middle School Addition as platted in the City of Seward; THENCE South 00 degrees 00 minutes 08 seconds West, along the west line of said Outlot A. for a distance of 565.93 feet to the Point of Beginning. Together with and subject to covenants, easements, and restrictions of record. Said property contains 7.51 acres more or less.

All interested parties shall be afforded at such public hearing a reasonable opportunity to express their views regarding the proposed application for Preliminary Plat and Annexation.

Ed Gonzalez
Building/Zoning Director
City of Seward

Published: 2-25-15



Major Subdivision Application

Applications shall be submitted a minimum of 30 days prior to City Planning Commission Meeting. Planning Commission meets the 2nd Monday of each month

Date Submitted: 2-6-15	
Preliminary Plat Application Fees: Filing fee \$400.00 + \$40.00 Per Lot = \$ $\frac{9}{24}$	60.00 , + Notification fee \$100 = $\frac{$1460.00}{}$
Name of Subdivision: Web 4th	Addition
Owner/Developer: Web vevelo	pment LLC
Legal Description: <u>Subdivision of Out</u>	lot A, Web 3rd Add, NE Y4, Sec 16, TIIN, 3E
Project Engineer: Mainelli Wagner &	Assoc. Number of Lots: 24
Present Zoning:	Requested Zoning:
Within City Limits	Yes No NA
Adjacent to City Limits	Yes No NA
Within 2 mile area	Yes No NA
Annexation Requested	Yes No NA
Restrictive covenants provided	Yes No NA
Subdivision Agreement submitted	Yes No NA
Performance Bond Required	Yes No NA
Signed by Developer State Pres	liminary Plat Review
Staff Review	Agency Review
Electric Dept	Cable TV
Street Dept	Gas Co
Water/Waste	Telephone Co
Police Dept	School Board
Park/Rec Dept	County P.C.
Final Plat Application fees:	
Filing fee \$100.00 + \$10.00 Per Lot (\$) =
Aid to Construction for Electric Dept fees	(City of Seward Resolution 8-07):
	+ \$4.00 per foot of electrical line installation for lots
	Date and action taken:
Planning Commission:	City Council:



2054 Holdrege Road · Pleasant Dale, NE 68423 402-761-2221 office · 402-643-5654 mobile email bill@kuhlmanconstruction.com

February 9, 2015

Ed Gonzalez
Building-Zoning Director
City of Seward
PO Box 38
142 N 7th Street
Seward, NE 68434

Dear Mr. Gonzalez,

This is a request for the Web 4th Addition to the City of Seward to be annexed into the City of Seward. Total development area is 7.51 acres.

If you have any questions or need additional information, please let us know.

Sincerely

Bill Kuhlman

Web Development Corp

SHEET INDEX

1 2 3 4 5 TO 7 X-1 TO X-7 ET INDEX
TITLE SHEET
PRELIMINARY PLAT
GRADING PLAN
UTILITY PLAN
PLAN AND PROFILE SHEETS
CROSS SECTIONS

DEVELOPER

WEB DEVELOPMENT CORP. BILL KUHLMAN P.O. BOX 186 SEWARD, NE 68434 PHONE (402) 643-3360

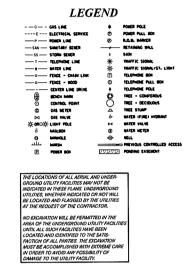
SURVEYOR

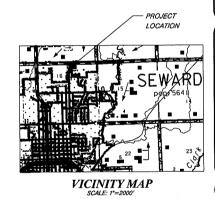
ALLIED SURVEYING & MAPPING, INC 6120 S. 58TH ST., SUITE "A" LINCOLN, NE 68516 PHONE (402) 434-2686

ENGINEER

MAINELLI WAGNER & ASSOCIATES, INC. 6920 VAN DORN LINCOLN, NE 68506 PHONE (402) 421-1717







MAINELLI WAGNER & ASSOCIATES, INC. 6929 VAN DORN, LINCOLN, NEBR. 68506 PHONE 402-421-1777 FAX 402-421-6061

LOCATED IN THE NE 14 OF SEC. 16-T1IN-R3E, CITY OF SEWARD, SEWARD COUNTY, NEBRASKA.

WEB 4TH ADDITION
PRELIMINARY PLAT

REVISION

DRAINI BY

NLP

CURRENT PLAN DATE

NARCH 2, 2015

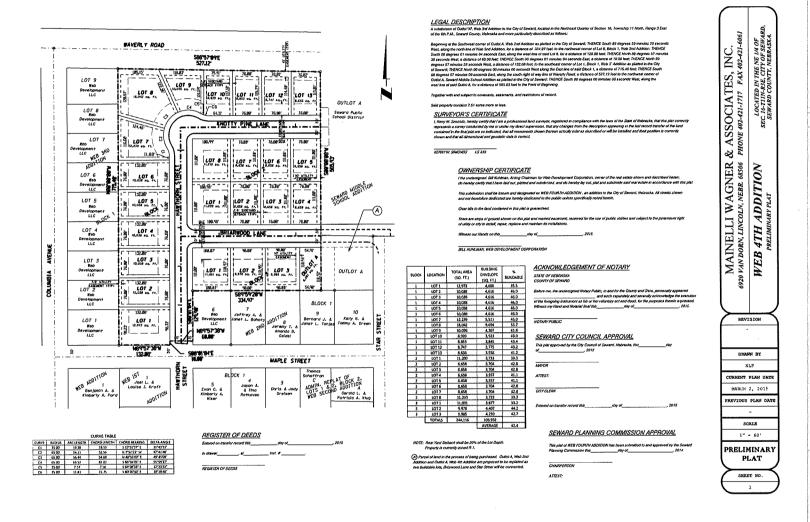
PREVIOUS PLAN DATE

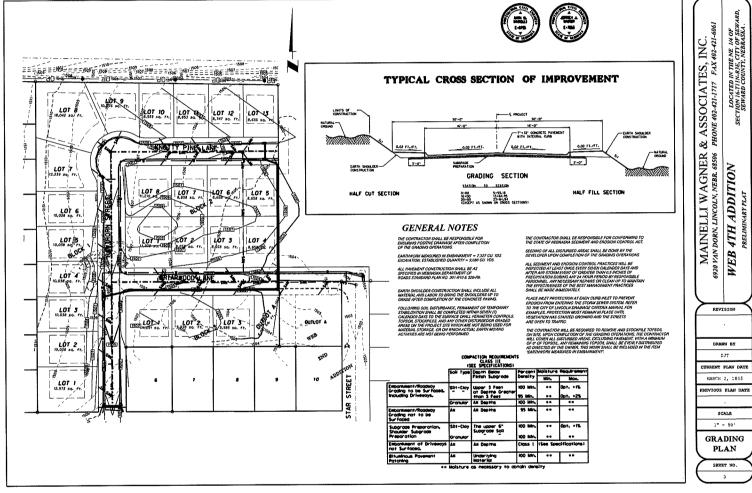
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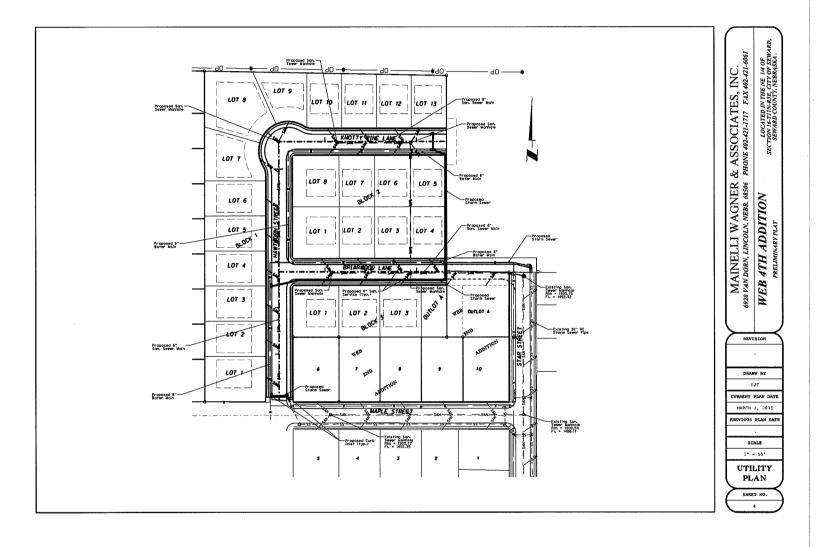
TITLE

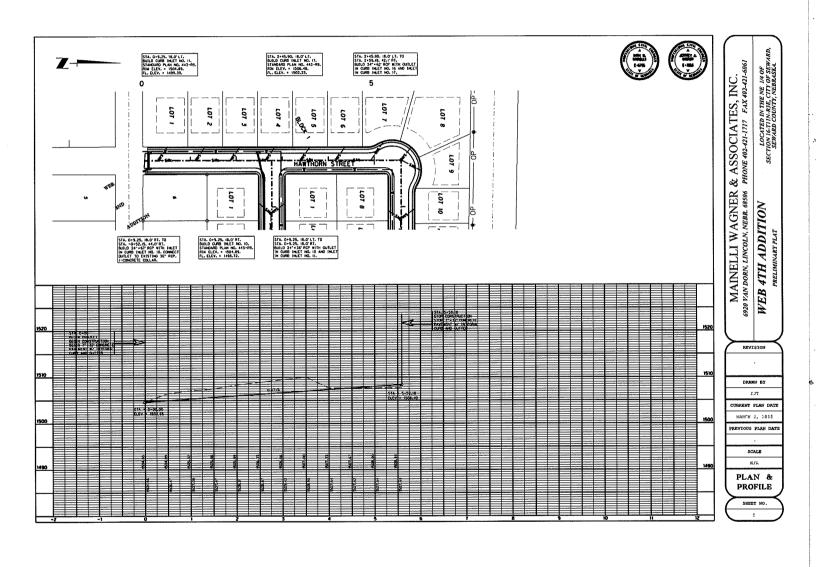
SHEET

SHEET NO.









Summary of Drainage Study for Web Fourth Addition

Site Location

The proposed development consists of 7.51 acres located in the northeast quarter of Section 16-township 11 north-range 3 east, between Maple Street and Waverly Road in the City of Seward. This area is bounded by Web 3rd Addition on the west, Web 2nd Addition on the south and the Seward Middle School Addition on the east.

Plum Creek Park Drainage Study

Flow rates from the 1991 Drainage Study prepared by JEO as well as the drainage computations from The Schemmer Associates for Web First Addition were used as a guide in developing the proposed drainage system. All computations and comparisons are based on the 10 year design discharge. From these studies, the flow that would enter this system, based on the full buildout condition, is 39 cfs at the southeast corner of Maple and Hawthorn Streets. The maximum flow that would leave this site along the east side of Star Street and halfway between Hickory and Maple Street would be 103 cfs from both studies.

Proposed Drainage

Seward Staff have indicated that the current storm sewer system is overloaded downstream and has caused manhole covers to be dislodged and drainage to come out of the inlets. This is an issue that must ultimately be corrected by studying the entire system from the downstream up and determining where the pipe deficiencies lie. Web Development has included a significant amount of additional grading and upsized the storm sewer pipes for this development in an effort to delay the peak flow as much as possible. This will not solve the downstream issues but hopefully may help, especially at smaller storms (< 10 year event). The model from the Web 2nd Drainage study was used as the base and Web 4th proposed storm sewer system was added to it. the drainage areas from web 2nd were modified slightly to reflect the current conditions.

The system has been broken down into 6 cells, A thru F, as shown on the attached drawing. The proposed pipe sizes are also shown on this drawing.:

Cell A will be graded so that the drainage along the north side of Knotty Pine flows to the North into the ditch along the south side of Waverly Road. There is 1.18 acres in this cell that amounts to 3 cfs. This drainage ditch appears to drain to the east (per the survey data we have) to the west side of the Middle School development then turn to the south and flows along the back side of the lots of Block 2 of Web 2nd Addition. This flow would enter the current system downstream of the Web Developments and may be part of the system overload

downstream. Without some detailed data from the Middle School Development, it is hard to calculate how much drainage this amounts to.

Cell B collects the drainage between Columbia and the east side of Hawthorn, south of Briarwood via two curb inlets at the north side of Maple. The west curb inlet collects 5.43 cfs, of which 2.77 cfs is bypassed flow from Cell F1. There is 1.18 cfs that bypasses the west inlet and is collected by the curb inlet just south of Maple street. This 1.18 cfs was added to the 39 cfs from Cell C (from original drainage study). The east curb inlet collects 0.43 cfs. A 24" pipe connects the two curb inlets and connects to the existing system at the manhole at the SE corner of Maple and Hawthorn.

Cell D collects the drainage along the north and south sides of Maple, between Hawthorn and Start street vis two curb inlets at the west side of Star Street (from Web 2nd design). The total discharge from cell D is 52.9 cfs (Cells B, C, and D). there is 0.27 cfs that bypasses the south curb inlet and is collected by the curb inlet along the west side of Star just south of the intersection.

Cell E collects the drainage at the SW corner of Briarwood and Star via two curb inlets at the NE corner of Star and Maple (from Web 2nd design). The total discharge from Cell E is 2.21 cfs.

Cell F collects the drainage for the majority of the development. F1 drains 3.26 acres which amounts to 8.24 cfs. 5.47 cfs is intercepted by a curb inlet at the SW corner of Briarwood and Hawthorn. There is 2.77 cfs that bypasses this inlet and is captured by the west inlet of cell B. F2 drains the area along the east side of Hawthorn between Briarwood and Knotty Pine. This area accounts for 0.56 cfs that is captured by a curb inlet at the SE corner of Briarwood and Hawthorn. Cell F3 drains 0.95 acres which amounts to 2.4 cfs. 1.85 cfs is intercepted by a curb inlet along the north side of Briarwood. 0.55 cfs is bypassed and is collected by the inlet at the NE corner of Briarwood and Star. F4 drains 0.68 acres which amounts to 1.72 cfs. 1.47 cfs is intercepted by a curb inlet along the south side of Briarwood. 0.25 cfs is bypassed and is collected by the inlet at the NW corner of Star and Maple. F5 drains 0.93 acres which amounts to 2.35 cfs. 2.31 cfs is intercepted by a curb inlet along the south side of Knotty Pine. 0.04 cfs is bypassed and is collected by the curb inlet at the NE side of Briarwood and Star. F6 drains 0.35 acres which amounts to 0.88 cfs that is intercepted by a curb inlet along the north side of Knotty Pine. F7 is the large open field from the west side of the Seward Middle School Development. There is 2.13 acres of drainage which amounts to 5.38 cfs, of which 3.21 acres is captured by the curb inlet at the NE corner of Briarwood and Star (the 3.21 cfs includes 0.59 cfs of bypassed flow). This curb inlet is in a small sump location and will capture more drainage – to be conservative, it was designed as a inlet on grade and the bypassed flow (2.77 cfs) flows to the curb inlet at the NE corner of Star and Maple. F8 drains 1.23 acres along the east side of Star which amounts to 3.11 cfs. There is 2.77 cfs of bypassed flow, making the total flow to the curb inlet at the NE corner of Star and Maple 5.88 cfs. The curb inlet intercepts 3.81 cfs and the 2.07 cfs of bypassed flow is intercepted by the curb inlet at the SE corner of Star and Maple.

The total 10 year flow that is captured by the storm sewer system from Web 2^{nd} and Web 4^{th} is 72.94 cfs at the curb inlet located at the SE corner of Star and Maple. This flow is directed into the downstream system via a 48" RCP that was constructed with Web 2^{nd} Addition. The detailed calculations are included with this summary.

City of Seward Planning Commission Minute Record March 9, 2015

The City of Seward Planning Commission met in regular session at 7:30 p.m. March 9, 2015 at the Municipal Building, 142 No. 7th Street, Seward, Nebraska. Upon roll call the following Commission Members were present: M. Langner, S. Bowen, T. Spunaugle, K. Gustafson, C. Kotera, R. Souchek, D. Ellis. Other Officials present: Public Facility/CIP & GIS Director John Hughes & Code Enforcement Director Ed Gonzalez.

Absent members were: R. Wallman, R. Niemoth, C. Corum

All proceedings hereafter shown were taken while the convened meeting was open to the public.

The meeting with the Planning Commission was called to order by Interim Commission Chairman Russ Souchek at 7:30 p.m. He requested that all individuals speaking during the public hearing limit their comments to five minutes each and one representative per household.

Interim Commission Chairman Souchek announced that a copy of the agenda for this meeting is posted on the front window of the Municipal Building and copies are available on the north wall where a copy of the open meetings act is also posted for the public.

1. Public Hearing – Web 4th Addition Preliminary Plat

Bill Kuhlman, 2054 Holdrege Road, Pleasant Dale, NE spoke as the Developer/Applicant. The development includes 26 lots; will allow for access to Star Street for emergency vehicles and will provide better water drainage. There is no outlet from Star Street to Waverly Road due to City requirements (per J. Hughes). The Seward School System sold an easement to WEB located at the end of Knotty Pine. Access to Star Street will occur from Briarwood Lane. Drainage is a concern in this area. WEB will be increasing the size of the drainage pipe to 24".

Jared Hochstein, 357 Star Street, Seward, NE spoke as a homeowner concerned about rain water drainage. Hochstein indicated he has lived at this location for seven years and has witnessed the manhole cover "blown off" from the force of the rushing water. (Pictures from May 11, 2014 were provided by Seward Staff prior to meeting).

Carrie Sermeno, 1957 North Star, Seward, NE spoke as a homeowner concerned about rain water drainage. Sermeno has lived at this location for 20 years. Sermeno indicated a rain of as little as 1-2 inches can cause flooding in this area. Sermeno's had an addition to their home in 2004 which has prevented any further damage. (Pictures from May 11, 2014 were provided by Seward Staff prior to meeting). However, the home located at 1941 Star Street regularly received damage.

Craig Williams, 455 Star Street, Seward, NE spoke as a homeowner concerned about rain water drainage. Williams provided a photo of flooding which occurred on May 11, 2014 and four other photos from approximately 1999.

Jim Hild, 2005 Star Street, Seward, NE spoke as a homeowner concerned about rain water drainage. Hild has lived at this location for 20 years. They have sustained water damage three times. He has installed drainage tile and had significant dirt work done to prevent water damage.

Todd Thege, 333 Star Street, Seward, NE spoke as a homeowner concerned about rain water drainage.

Karen Thege, 333 Star Street, Seward, NE spoke as a homeowner concerned about rain water drainage. Thege has lived at this location since July 2003. She has witnessed the manhole cover "pop off" 3 times since living there.

Bill Kuhlman indicated he can attest to the water issues in this area, however, the problems exist because of the drainage from the Elementary and Middle Schools, not the developments. He indicated the natural flow of the water cannot be changed. He feels the best way to address the problem is to develop the area and slow down the water flow, give the water time to drain.

Jeff Wagner, 6920 Van Dorn Street, Lincoln, NE, spoke as representative of Mainelli, Wagner & Associates, Inc., the Engineering firm for the development. He indicated they used the plans from WEB – 2^{nd} as a foundation for the WEB – 4^{th} plans. He indicated drainage in this area is currently 103 cfs (cubic feet per second). He anticipates that following the development, it should be reduced to 78 cfs.

Karen Thege indicated she has noticed an increased amount of water drainage as this area continues to become more developed.

Jeff Wagner indicated there are only two factors that can be altered: time of concentration and run-off coefficient.

J. Hughes indicated the plan allows for a 10-year-storm event; 3 inch rainfall per hour. The water drainage problems in this area are due to the Elementary and Middle School properties. He indicated there is a detention cell behind the Elementary School but it is not used. Commission Members asked why this is not used; J. Hughes indicated the proper grading was never finished.

Commission Member T. Spunaugle made a motion to approve the WEB 4th Addition Preliminary

Plat; Commission Member K. Gustafson seconded.

Aye: Langner, Spunaugle, Gustafson, Souchek, Bowen, Ellis

Nay: Kotera

Absent: Wallman, Niemoth, Corum; Motion carried.

2. Public Hearing - Voluntary Annexation request for WEB 4th Addition

Bill Kuhlman, Holdrege Road, Pleasant Dale, NE spoke as the Developer/Applicant. He indicated this request is to annex the development just discussed into the City.

Commission Member D. Ellis made a motion to approve the Voluntary Annexation Request for WEB 4th Addition; Commission Member C. Kotera seconded. Motion carried unanimously.

3. Report on Meetings

No meetings were attended.

4. Consent Agenda

The minutes of February 9, 2015.

E. Gonzales indicated Item #2 should read, "...Phil Luebbert, JEO Consulting Group, Inc...". Commission Member D. Ellis made a motion to approve the minutes with the identified changes; Commission Member C. Kotera seconded; motion carried unanimously.

Meeting adjourned at 8:50 p.m.

Sue Bowen Secretary



142 N 7th St., PO Box 38 Seward, NE 68434 402-643-4000 Ext. 3 Office Edward.Gonzalez@CityofSewardNE.com

Ed Gonzalez Building/Zoning & Code Enforcement Director

City Council Report for March 17, 2015:

1. 7:00pm Public Hearing: Web 4th Addition Preliminary Plat

This is a 24 lot addition located between N. Columbia Ave. and Star St., and Waverly Road and Maple St. This subdivision will involve constructing new streets, curb and gutters, and extending City utilities. City staff communicated some storm water drainage concerns with Developers and Developers are adding increased storm water management design to slow down times of concentration prior to reaching City facilities. The Developer is in negotiations with adjacent property owners to acquire additional land to extend Star St. to connect to the new Briarwood St. and easement for a turnaround at the dead end of the new Knotty Pine Lane.

The Subdivision conforms to the City's Comprehensive Plan Future Land Use map with the single family use type. The Plat conforms to the requirements of the City of Seward's Unified Land Development Ordinance reference Major Subdivision application requirements (11.3804). The area is currently located in a Residential (R-1) zoning district, and there will be no change in zoning at this time.

The City Planning Commission met on March 9, 2015, and heard concerns from 5 families about the drainage in the area, and some of them submitted photos from the 2014 Mother's Day storm. Some of the concerns focused on the run off from the Elementary School property, which appears to be contributing to the issues with poor drainage on Star St. See enclosed photos.

After considerable discussion, the Planning Commission voted by majority to recommend approval of the Web 4th Addition Preliminary Plat.

7:00pm Public Hearing; Voluntary Annexation Request for Web 4th Addition 2.

This is a 24 lot addition located between N Columbia Ave. and Star St. and between Waverly Rd and Maple St. specifically; a subdivision of Outlot "A", Web 3rd Addition to the City of Seward, located in the Northeast Quarter of Section 16, Township 11 North, Range 3 East of the 6th P.M., Seward County, Nebraska, containing approximately 7.51 acres. This subdivision is the last piece of land in this area that is not currently in the City Limits.

Per the City's Comprehensive Plan, Land Use Policies and Program of Phased Annexation (page 62), the property in question is currently illustrated in the Annexation Phasing Map as being in Phase 1b, which indicates the area warrants the immediate

consideration of annexation and development along this northern boundary, which will facilitate additional development in the future.

The City Planning Commission met on March 9, 2015 and voted unanimously to recommend approval of the annexation.