

BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, KANSAS

WEDNESDAY, JULY 5, 2017

4:00 p.m.

CONSENT AGENDA

- (1) (a) Consider approval of Commission Orders; and
- (b) **Consent: Consider a County Resolution directing the County Counselor to institute a judicial tax foreclosure action in the District Court of Douglas County (Stacy Kurtz);**
- (c) **Consent Agenda approval of resolution establishing a 35-mph speed limit on E 850 Road from N 500 Road (Route 460) to N 900 Road (Keith Browning);**
- (d) **Consider acquisition of easement for drainage structure replacement Project No. 2013-08 (Structure No. 11.50N-00.67E); (Kevin Sontag) and**
- (e) **Consider acquisition of easement for drainage structure replacements and roadway realignment Project No. 2013-13 (Kevin Sontag)**

REGULAR AGENDA

- (2) **Consider approval of **SP-17-00282**, a Site plan for the conversion of a house into an annex for the Prairie Moon School, classified as a *School* use, located on approximately 6 acres at 1924 E 1600 Rd. Submitted by Waldorf Association of Lawrence dba Prairie Moon Waldorf School for Joanna R Corcoran property owner of record, by Thomas Z Corcoran, P.O.A. Mary Miller is the Planner.**
- (3) Update on Dr. Beck's extension for consulting services. (Robert Bieniecki)-No backup
- (4) Continuation of 2018 Budget discussions
- (5)
 - a) Consider approval of Accounts Payable (if necessary)
 - b) Appointments
 - Board of Zoning Appeals (1) position 10/16**
 - Lawrence-Douglas County Housing Authority Board (1) position 06/17** -
 - Metropolitan Planning Commission – Positions (1) 05/17**
 - Palmyra Township Trustee position**
 - (c) Public Comment
 - (d) Miscellaneous
- (6) Adjourn

WEDNESDAY, JULY 12, 2017

6:00 p.m.

-Public Hearing for the Sanitary Sewer Code
-Review and Approve 7th Judicial District Kansas Department of Corrections-Juvenile Services SBG Line Item Adjustment Request for SFY 2017. (Pam Weigand)

WEDNESDAY, JULY 19, 2017

WEDNESDAY, JULY 26, 2017

-815 Vermont Street NRA (Britt-Crum-Cano)

***Note:** The Douglas County Commission meets regularly on Wednesdays at 4:00 P.M. for administrative items and/or 6:00 P.M. for public items at the Douglas County Courthouse. Specific regular meeting dates that are not listed above have not been cancelled unless specifically noted on this schedule.*

RESOLUTION NO. 17 - _____

A RESOLUTION DIRECTING THE COUNTY COUNSELOR TO INSTITUTE A JUDICIAL TAX FORECLOSURE ACTION IN THE DISTRICT COURT OF DOUGLAS COUNTY, KANSAS

WHEREAS, K.S.A. 79-2801, and amendments thereto, provides for real estate tax foreclosure actions in the District Court in the name of The Board of County Commissioners, to judicially foreclose on the County's real estate tax liens.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, KANSAS:

Section 1. Action to be Instituted. The County Counselor of Douglas County, Kansas, in the name of the Board of County Commissioners of Douglas County, Kansas, is directed to institute a judicial tax foreclosure action pursuant to K.S.A. 79-2801, *et seq.*, against the owners or supposed owners of such real estate and all persons having or claiming to have any interest therein or thereto, to enforce the lien of Douglas County, Kansas and its taxing authorities, for taxes, charges, assessments, interest, and penalties on unredeemed real estate bid in by Douglas County for real estate having unpaid real estate taxes and assessments for 2012 and prior years.

Section 2. Effective Date. This Resolution shall take effect and be in full force from and after its adoption by the Board of County Commissioners.

ADOPTED _____, 2017.

**BOARD OF COUNTY COMMISSIONERS OF
DOUGLAS COUNTY, KANSAS**

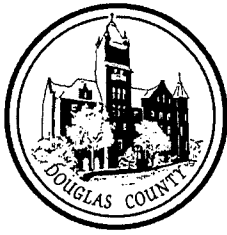
Attest:

Mike Gaughan, Chair

Jameson D. Shew, County Clerk

Nancy Thellman, Vice-Chair

Michelle Derusseau, Member



DOUGLAS COUNTY PUBLIC WORKS

3755 E. 25th Street
Lawrence, KS 66046
(785) 832-5293 Fax (785) 842-1201
dgcopubw@douglascountyks.org
www.douglascountyks.org

Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From : Keith A. Browning, P.E., Director of Public Works/County Engineer *KAB*

Date : June 29, 2017

Re : Consent Agenda approval of resolution establishing a 35-mph speed limit
E 850 Road from N 500 Road (Route 460) to N 900 Road

Willow Springs Township requested a speed study to determine an appropriate speed limit for E 850 Road from N 500 Road (Route 460) to N 900 Road. We set traffic counters at six locations on this road section from May 23 through May 25. Measured speeds indicated 85th-percentile speeds varying from 41 mph to 49 mph. Vehicle counts ranged from 17 vehicles per day (VPD) between N 600 Road and N 750 Road to 63 VPD approximately ½-mile south of N 900 Road. Truck counts are relatively high from just south of N 600 Road to N 750 Road.

Portions of this section of E 850 Road are straight and other portions have curvilinear alignment, and the road is relatively narrow. The measured 85th-percentile speeds indicate a 40-mph speed limit may be appropriate. However, given the geometry of the road, and the fact that conditions on gravel roads can change quickly, Willow Springs Township and we recommend implementing a 35-mph speed limit for this portion of E 850 Road.

Action Required: Consent Agenda approval of a resolution establishing a 35-mph speed limit on E 850 Road from N 500 Road to N 900 Road.

RESOLUTION NO. _____

A RESOLUTION ESTABLISHING A 35 MILES PER HOUR MAXIMUM SPEED
LIMIT ON A PORTION OF E 850 ROAD IN WILLOW SPRINGS TOWNSHIP

WHEREAS, pursuant to K.S.A. 8-1560, local authorities may determine and declare a reasonable and safe maximum speed limit for roads under their jurisdiction; and

WHEREAS, on the basis of an engineering and traffic investigation performed by the Douglas County Public Works Department the maximum speed limit for the following described county road or highway, to-wit:

a portion of E 850 Road, from its intersection with N 500 Road (Route 460) to its intersection with N 900 Road, the centerline of which is more particularly described as follows:

Beginning at the Southeast Corner of the Southwest Quarter of Section 19, Township 14 South, Range 19 East, thence north along the Quarter Section line of said Section 19 a distance of one mile to the Northeast Corner of the Northwest Quarter of said Section 19 at the intersection of E 850 Road with N 600 Road, thence continuing north along the Quarter Section line of Section 18, Township 14 South, Range 19 East a distance of one mile to the Northeast Corner of the Northwest Quarter of said Section 18, thence northerly along the meandering centerline of E 850 Road a distance of one mile to the Northeast Corner of the Northwest Quarter of Section 7, Township 14 South, Range 19 East, thence northerly along the meandering centerline of E 850 Road a distance of one mile to the Northeast Corner of the Northwest Quarter of Section 6, Township 14 South, Range 19 East at the intersection of E 850 Road with N 900 Road, and terminating at said point.

as set by K.S.A. 8-1558, is greater than is reasonable or safe under the conditions found to exist on the above described road under the jurisdiction of this Board.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, KANSAS that a speed limit of 35 miles per hour is hereby determined and declared to be a reasonable and safe speed limit for the above described road.

This speed limit shall become effective when appropriate signs giving notice thereof are erected upon the road above described.

ADOPTED this _____ day of _____, 2017.

BOARD OF COUNTY COMMISSIONERS
OF DOUGLAS COUNTY, KANSAS

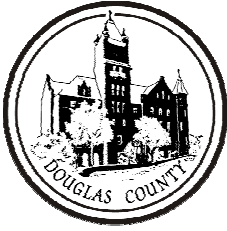
Mike Gaughan, Chair

ATTEST:

Nancy Thellman, Vice Chair

County Clerk

Michelle Derusseau, Member



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Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From : Keith A. Browning, P.E., Director of Public Works/County Engineer
Kevin R. Sontag, P.S., Surveying Supervisor

Date : June 28, 2017

Re : Consent agenda
Acquisition of easement for drainage structure replacement
Project No. 2013-08 (Str. No. 11.50N-00.67E)

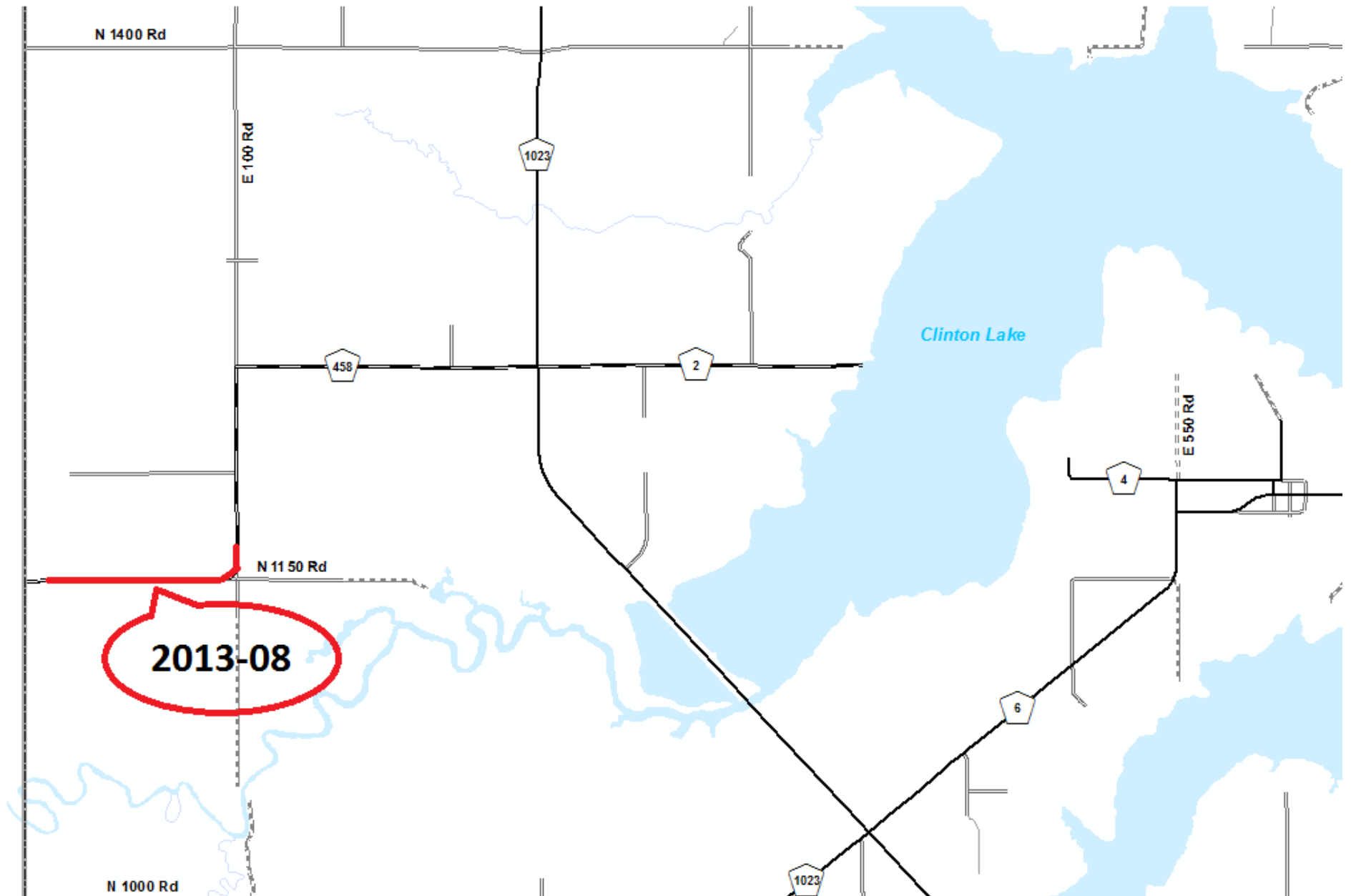
A project has been designed to replace deficient drainage structures on County Route 458 approximately 5 miles west of the town of Clinton. Plans were developed in-house and negotiations with one of the landowners for permanent road easement, as well as reimbursement for fence removal and replacement, has been completed.

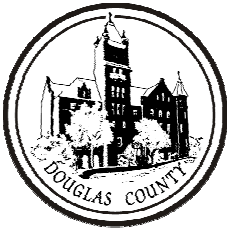
Construction is currently planned to begin summer 2017 and will be accomplished using county personnel.

To ensure the proper completion of a necessary construction project, approval is recommended for the attached CONTRACT FOR HIGHWAY PURPOSES.

ACTION REQUIRED: Consent agenda approval of CONTRACT FOR HIGHWAY PURPOSES for Project No. 2013-08 (Str. No. 11.50N-00.67E)

General Location Map for Project No. 2013-08





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Keith A. Browning, P.E.
Director of Public Works/County Engineer

MEMORANDUM

To : Board of County Commissioners

From : Keith A. Browning, P.E., Director of Public Works/County Engineer
Kevin R. Sontag, P.S., Surveying Supervisor

Date : June 28, 2017

Re : Consent agenda
Acquisition of easement for drainage structure replacements and roadway
realignment
Project No. 2013-13

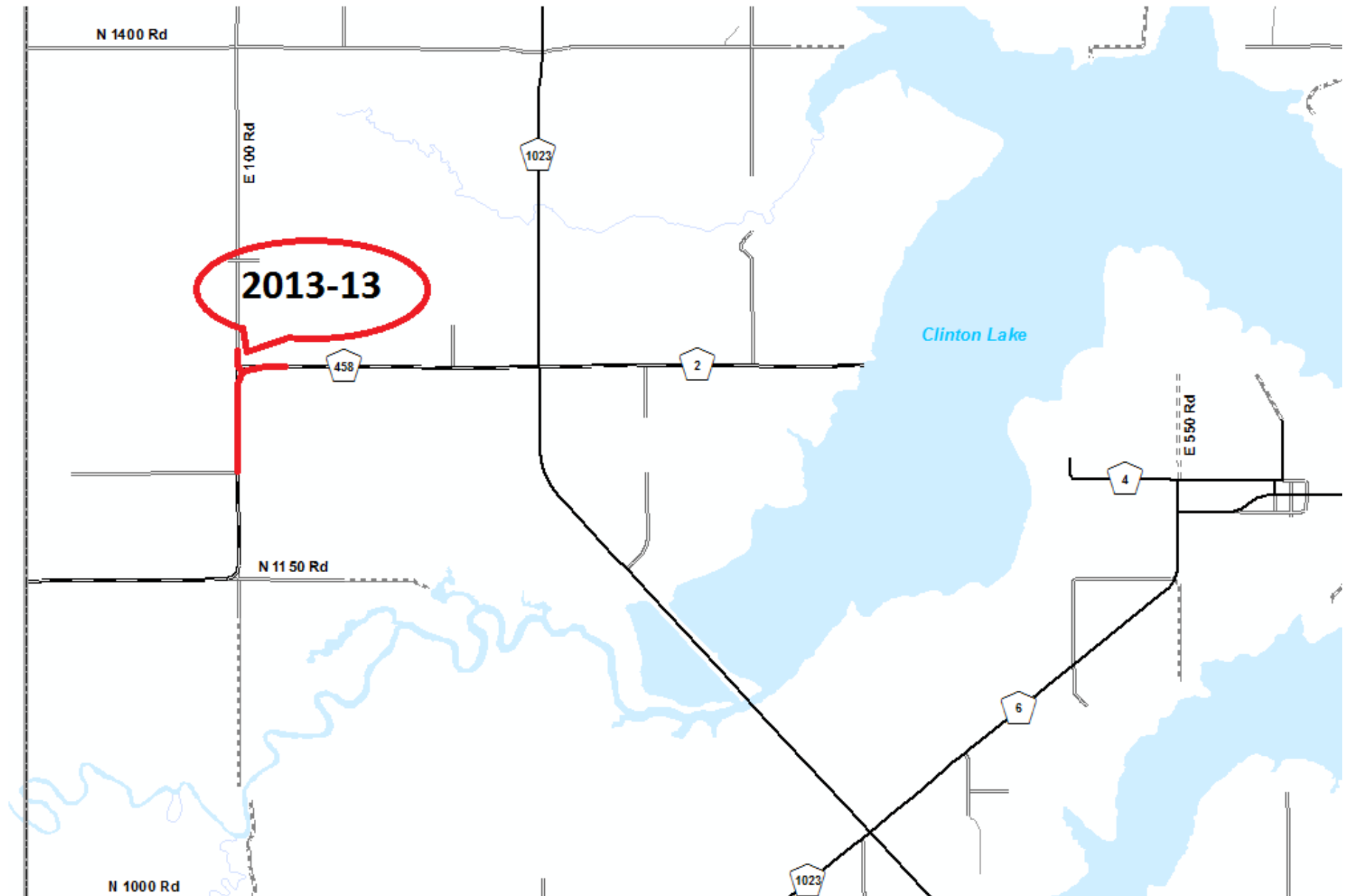
A project has been designed to replace deficient drainage structures and realign a roadway on County Route 458 approximately 5 miles west of the town of Clinton. Plans were developed in-house and negotiations with some of the landowners for permanent road easement, temporary construction easement, and drainage easement, as well as reimbursement for fence removal and replacement, have been completed.

Construction is currently planned to begin summer 2017 and will be accomplished using county personnel.

To ensure the proper completion of a necessary construction project, approval is recommended for the two attached CONTRACTS FOR HIGHWAY PURPOSES.

ACTION REQUIRED: Consent agenda approval of two CONTRACTS FOR HIGHWAY PURPOSES for Project No. 2013-13.

General Location Map for Project No. 2013-13



SP-17-00282: Site plan for the conversion of a house into an annex for the Prairie Moon School, classified as a *School* use, located on approximately 6 acres at 1924 E 1600 Rd. Submitted by Waldorf Association of Lawrence dba Prairie Moon Waldorf School for Joanna R Corcoran property owner of record, by Thomas Z Corcoran, P.O.A.

STAFF RECOMMENDATION: Staff recommends approval of the above-described Site Plan based on the findings listed in this staff report, subject to the following condition:

1. Submittal of a revised site plan with the following changes:
 - a. Revise the parking note to indicate that 7 parking spaces, including 1 ADA van accessible space, are provided.
 - b. Revise the right-of-way line so it is 30 ft east of the section line, which is near the centerline of E 1600 Road.

KEY POINTS

- The property and surrounding area are located within the A (Agricultural) Zoning District. A *School* is a permitted use in the A District with approval of a site plan.
- The property is not platted but is a vested parcel. Per Section 11-101(e)(1) of the Subdivision Regulations [20-801(e)(i), City Code], a division of land created in conformance with the exemption section of the previously adopted Subdivision Regulations in effect prior to December 20, 2016 and such division was filed and recorded as a deed with the Register of Deeds office on or before Jun 1, 2005; such legally created parcel shall not be subject to further review under the Subdivision Regulations until it is further divided.

OTHER ACTION REQUIRED

- Submittal of building plans and application to the Zoning and Codes Office for building permit. A building permit must be obtained prior to any construction or change of use.

ATTACHMENTS

- Site plan

COMMUNICATIONS

No public communications were received prior to publication of this staff report.

GENERAL INFORMATION

Current Zoning and Land Use:

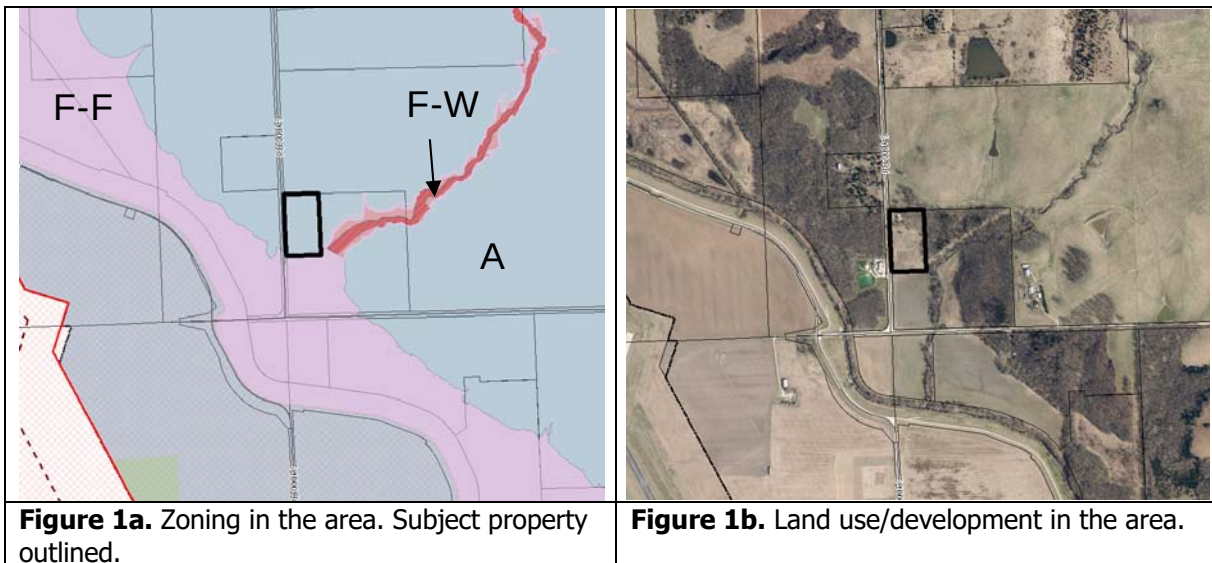
A (Agricultural) District with F-F (Floodway Fringe) Overlay District; *Residential Detached Dwelling*

Surrounding Zoning and Land Use:

A (Agricultural) District in all directions with F-F (Floodway Fringe) Overlay District to the Northwest and the Southeast and F-W (Floodway) Overlay District to the east and northeast; IG (City- General Industrial) District to the west); *Agriculture*, scattered *Residential Detached Dwellings*, in all directions/

Rural Water District Treatment Plant and Lawrence Airport to the Southwest; floodplain associated with Mud Creek and the Oak Ridge Tributary, and woodland.
(Figure 1)

Legal Description: Beginning at the Northwest Corner of the Southwest Quarter of Section 9, Township 12 South, Range 20 East of the 6th Principal Meridian; thence running East 16 rods; thence South 10 rods; thence West 16 rods; thence North 10 rods to the place of beginning; AND beginning at a point 10 rods South of the Northwest corner of the Southwest Quarter of the Southwest Quarter of Section 9, Township 12 south, Range 20 East of the 6th Principal meridian; thence South 30 rods; thence East 24 rods; thence North 40 rods; thence West 8 rods; thence South 10 rods; thence West 16 rods to the point of beginning; all in Douglas County, Kansas.



SUMMARY OF REQUEST

This site plan proposes the conversion of a residence on approximately 6 acres at 1924 E 1600 Road to a *School* use to provide an annex for the Prairie Moon Waldorf School, located at 1853 E 1600 Road. The school plans to move their early childhood/kindergarten program to this property to allow the school room to grow. Enrollment will be limited to 60 students, based on the septic system capacity. Enrollment above this limit would require Health Department approval of improvements to the septic system.

The existing structure is a 4,332 sq ft single-story building with a walk-out basement. Few exterior changes are proposed to the site; these include:

- addition of the required off-street parking area,
- widening the access on E 1600 Road,
- removal of the pool and fence east of the building and replacement with a play yard and fence, and
- installation of stairs and a landing at the southwest corner of the building.

As illustrated in Figure 1, the southeast corner of the property is encumbered with regulatory floodplain. The County Floodplain Administrator indicated that a separate Floodplain Development Permit would not be required as no development was proposed in the floodplain.

PARKING

The Zoning Regulations require parking for an elementary school at the rate of 1 space per 10 seats in the main assembly area; or 1 space per classroom/ whichever is greatest. The multi-purpose room can hold 46

occupants and 5 classrooms are being proposed; therefore, 5 parking spaces are required, with one being ADA van accessible. Seven parking spaces are shown on the plan, with one space being ADA van accessible. The parking note should be revised to include the number of parking spaces that are provided.

Bumper blocks will be provided to prevent parking cars from encroaching onto the 4 ft wide sidewalk on the east side of the parking area.

The gravel parking area is shown as extending into the right-of-way on the plan; however, the County Engineer indicated that the right-of-way is shown incorrectly on the plan. The actual right-of-way is 30 ft east of the section line, which is near the centerline of E 1600 Road. The plan should be revised to show the actual right-of-way line. The gravel area does not encroach into the right-of-way at this time. If additional right-of-way is required for E 1600 Road in the future, the gravel parking area could be moved to another location on the site.

HEIGHT, AREA, AND BULK REQUIREMENTS

The Zoning Regulations require a minimum lot area of 3 acres for properties in the A District that take access from, and have frontage on, a local road, if a public water supply is used. The application noted that water was provided to the site by Rural Water District #13. The A District also requires a minimum lot/frontage width of 250 ft, and a minimum lot depth of 250 ft. The subject property is in conformance with this requirements.

The following standards apply in the A District for properties on a Local Road:

- Front Yard: 35 ft base setback from centerline of road PLUS 50 ft for a total of 85 ft from centerline. The structure is located approximately 90 ft from the centerline.
- Side Yard: 10 ft
- Rear Yard: 30 ft
- Maximum Height: 35 ft / 2.5 stories

The existing structure is located outside of the required setbacks and is approximately 13 ft tall.

Findings

Per Section 12-319A-5, staff shall first find that the following criteria have been met:

1. The proposed use is permitted in the district in which the property is located;



Figure 2. Current development on subject property

This property is zoned A (Agricultural) District. This district permits a range of uses in addition to agriculture. The proposed use, a *School*, is permitted in the A District when approved with a site plan. If an accessory use was proposed to the school, such as a day care center or athletic field, it would be necessary to revise the site plan or to submit a Conditional Use Permit application.

2. The proposed arrangement of buildings, off-street parking, access, lighting, landscaping, and drainage is compatible with adjacent land uses;

Residential land uses are located to the north, east, and south of the subject property. As shown in Figure 2, the existing structure was designed as a residence and is compatible with the surrounding land uses. The site is well landscaped and the only new exterior lighting being proposed is one egress light fixture over the entrance. (Figure 3) The site, as proposed, is compatible with adjacent land uses.



Figure 3. New lighting fixture for entry.

3. The vehicular ingress and egress to and from the site and circulation within the site provides for safe, efficient and convenient movement of traffic not only within the site but on adjacent roadways as well;

The access to the site is being widened from approximately 19 ft to 30 ft with this plan. The drive leads to a gravel parking area west side of the school. A 24 ft wide access drive will be provided to the rear of the parking spaces to allow room for two-way traffic. Ingress/egress and circulation within the site will provide for safe and efficient movement of traffic.

4. The site plan provides for the safe movement of pedestrians within the site;

The proposed parking area is near the school. A walkway along the east side of the parking area connects the parking area to the school entrances. Bumper blocks will define the limits of the parking area to prevent encroachment onto the walking path.

5. There is a sufficient mixture of grass, trees, and shrubs within the interior and perimeter (including public right-of-way) of the site so that the proposed development will be in harmony with adjacent land uses and will provides a pleasing appearance to the public. Any part of the site plan not used for building, structures, parking or access ways shall be landscaped with a mixture of grass, trees, and shrubs;

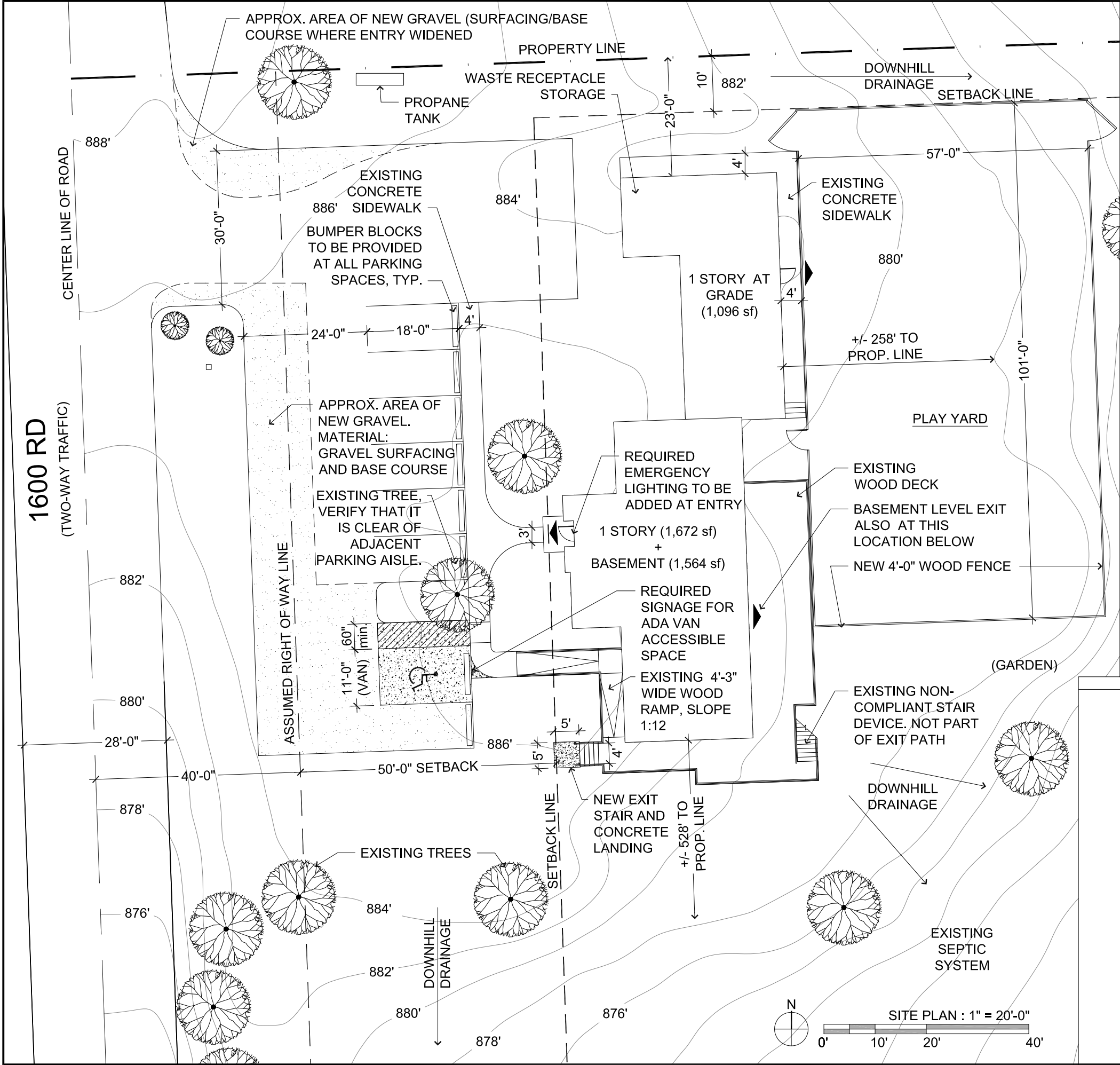
The property contains trees on the west side of the structure and along E 1600 Road. The northern portion of the site, with the structure contains stands of trees. The southern portion is grassland. The proposed development will be in harmony with adjacent land uses and will provide a pleasing appearance.

6. All outdoor trash areas are screened

No outdoor trash area is proposed. Trash containers will be stored in the northern portion of the structure and wheeled out for collection.

Conclusion

This application has been reviewed in accordance with the County Zoning Regulations. The proposed development, as conditioned, complies with the standards listed in the Regulations.



LEGAL DESCRIPTION OF PROPERTY: Beginning at the Northwest Corner of the Southwest Quarter of Section 9, Township 12 South, Range 20 East of the 6th Principal Meridian; thence running East 16 rods; thence South 10 rods; thence West 16 rods; thence North 10 rods to the place of beginning; AND beginning at a point 10 rods South of the Northwest corner of the Southwest Quarter of the Southwest Quarter of Section 9, Township 12 South, Range 20 East of the 6th Principal Meridian; thence South 30 rods; thence East 24 rods; thence North 40 rods; thence West 8 rods; thence South 10 rods; thence West 16 rods to the point of beginning; all in Douglas County, Kansas.

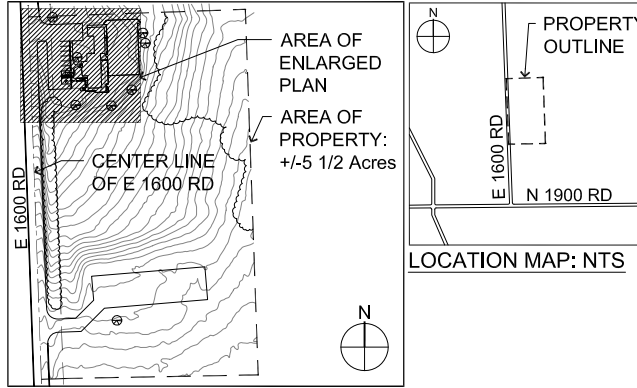
PROPOSED USES ON SITE
Zoning of Property: Use District "A" (Agriculture)
Permitted use 12-306-2.11 Colleges and Schools, Public or Private, having a curriculum and conditions under which teaching is conducted equivalent to a public school, and institutions of higher learning.

GROSS SQUARE FOOTAGE OF BUILDING: 4,332 SQ FT (see plan for breakdown)

MAXIMUM HEIGHT OF BUILDING: 1 Story above grade (+/- 13 FT)

PARKING 12-316: Elementary School Parking requirements are 1 per 10 seats in main assembly room or 1 per classroom, whichever is greater. The Multipurpose Room can hold 46 occupants. There are 5 Proposed Classrooms, therefore 5 total parking spaces are required. 1 is required to be accessible.

NUMBER OF STUDENTS: Limited to 60 by septic capacity.



KEY PLAN: NTS

SPACE BELOW RESERVED FOR OFFICIAL USE

clark huesemann

CLARK HUESEMANN
927 1/2 MASSACHUSETTS ST
LAWRENCE, KS 66044
(785) 691-5547
jhuesemann@clarkhuesemann.com

ARCHITECT'S PROJ. # 016010

Douglas County Kansas
Public Works/Zoning and Codes
3755 East 25th Street
Lawrence, Kansas 66046
785-331-1343

PRAIRIE MOON WALDORF SCHOOL
ANNEX BUILDING

1924 E 1600 Rd
Lawrence, Kansas 66044

CHECKED BY: JH
DRAWN BY: CK

VERSIONS	
NAME	DATE
Site Plan	05/10/2017
REVISION 1	06/21/2017

SITE PLAN : 1" = 20'-0"

A1 1 OF 1

SITE PLAN

PRAIRIE MOON WALDORF SCHOOL
ANNEX BUILDING

1924 E 1600 Rd
Lawrence, Kansas 66044

CHECKED BY: JH

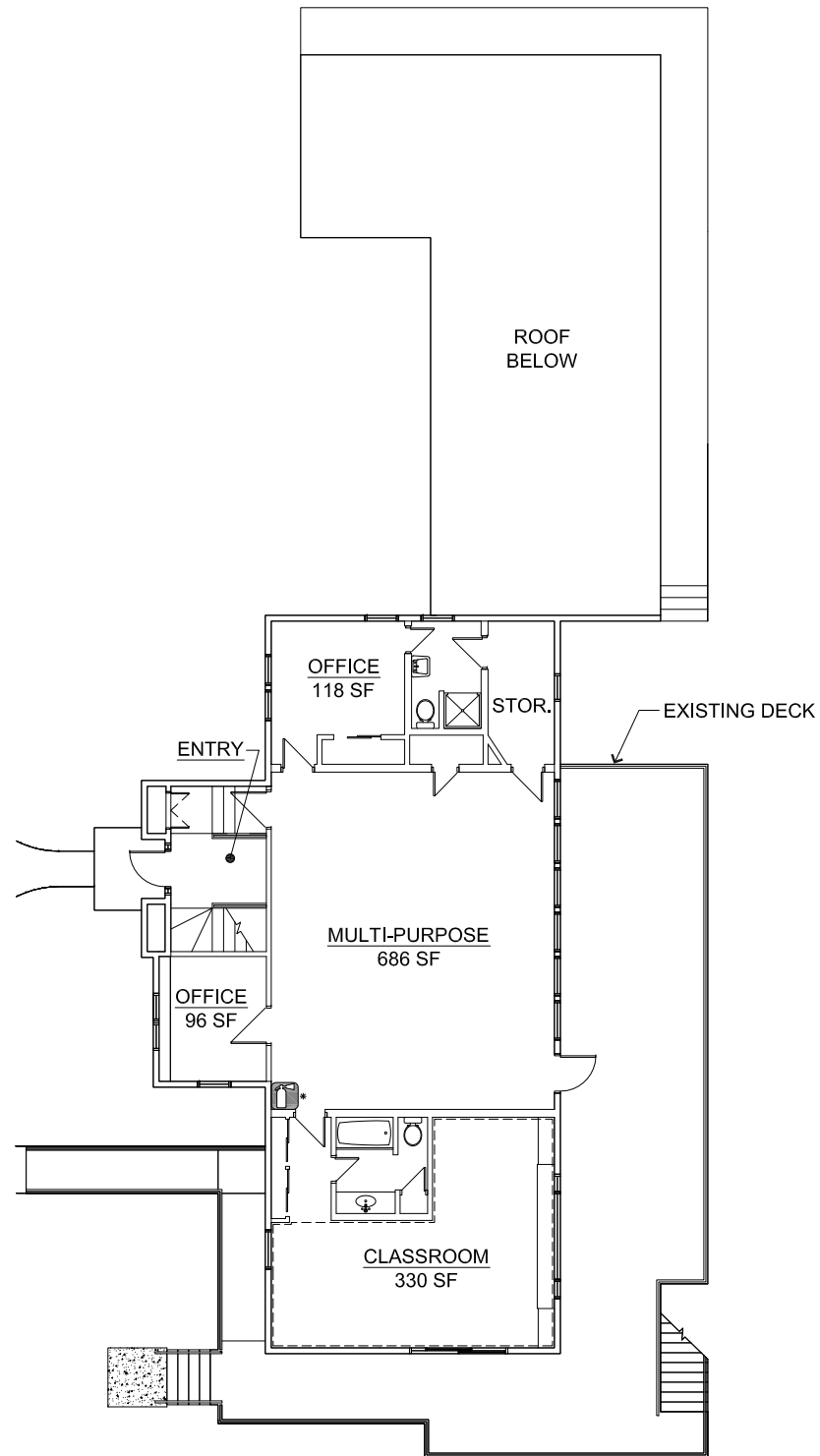
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VERSIONS

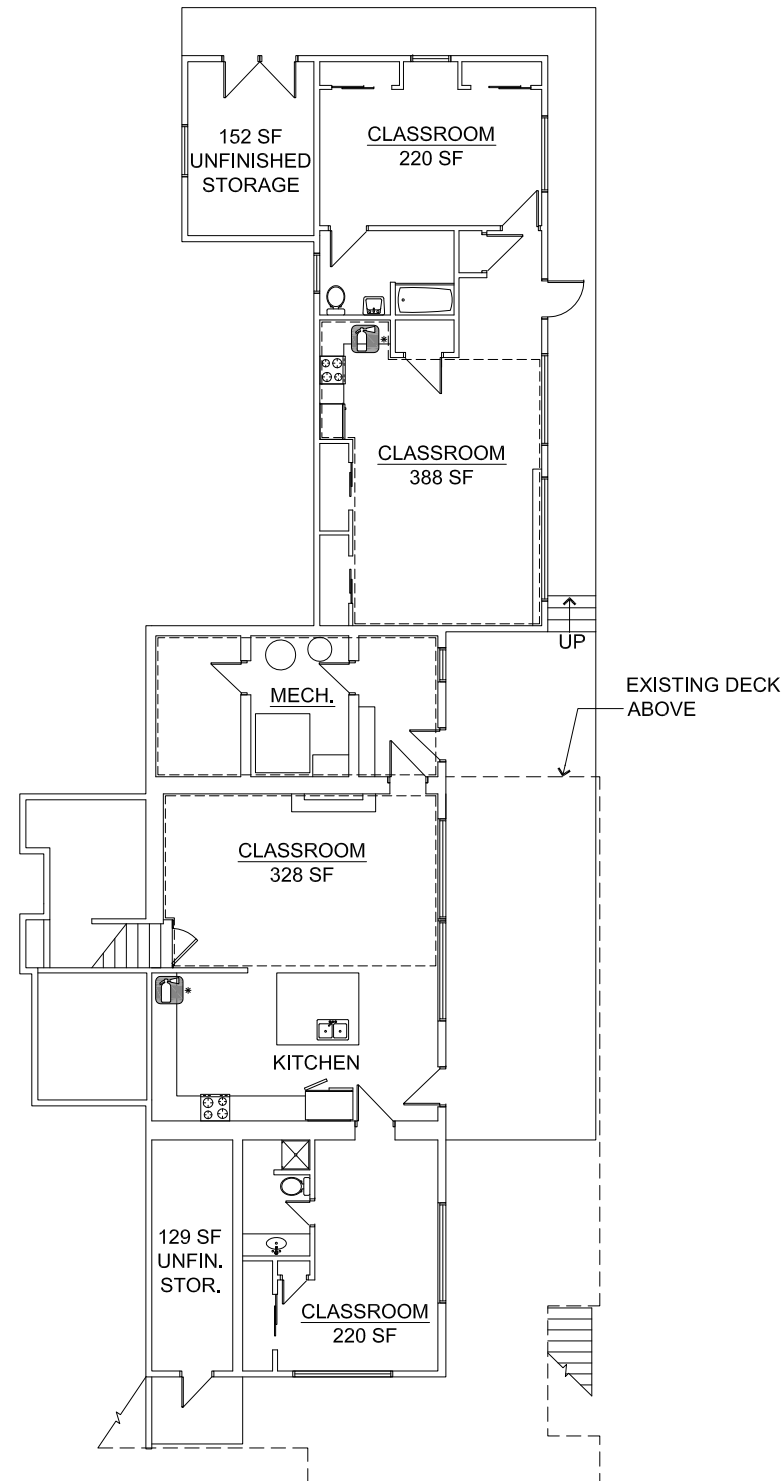
NAME	DATE
	06/21/2017

FLOOR PLANS
FOR REFERENCE ONLY

FLOOR PLANS



FIRST FLOOR PLAN
1/16" = 1'-0"



BASEMENT FLOOR PLAN
1/16" = 1'-0"



DESCRIPTION

The Sure-Lites Wet location Emergency Light (SELW) is designed to reduce total egress system cost and maintenance in a wet location environment as well as improve system reliability. Key features include long life LED's, proprietary rotatable accuLED optics, a nickel cadmium battery as well as the Eagle Eye self-diagnostics option. The SELW is UL924 wet location code compliant listed with a standard 0°C to 40°C temperature rating or a -20°C to 55°C wide temperature option. The SELW's easy hang feature reduces installation time and cost.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Electrical

- Dual Voltage Input 120/277 VAC, 60Hz
- Brownout circuit
- Low voltage disconnect
- Overload / Short Circuit protection
- 4.8V Battery back-up
- 1.4W AccuLED optics

Environmental

- Outdoor rated
- SELW: 0°C to 40°C (32°F to 104°F)
- SELWT: -20°C to 55°C (-2°F to 122°F)

Housing Construction

- Components injection molded, color stable, high impact thermoplastic
- White, black, silver, or bronze textured finish
- Snap-fit construction to facilitate fast installation
- Suitable for wall mount applications
- Universal J-box mounting pattern
- Keyhole mounting slots
- Aesthetically designed with a thin profile
- Sealed and gasketed for Wet Location use

Battery

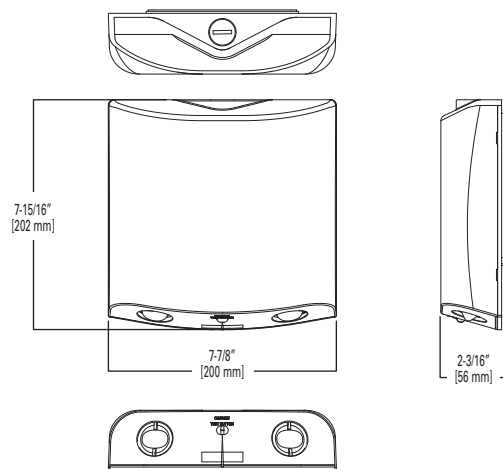
- Sealed Nickel Cadmium
- Full Recharge Time, 24 hours (max.)

Warranty

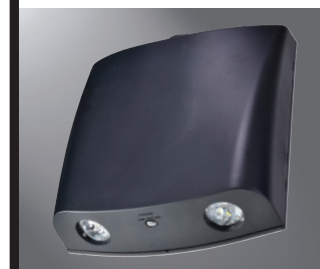
- Five-year warranty

Code Compliance

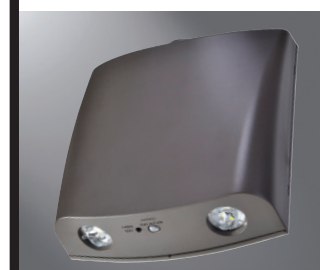
- UL924 Wet Location Listed
- Life Safety NFPA 101
- NEC/OSHA
- Most State & Local Codes
- California Energy Code



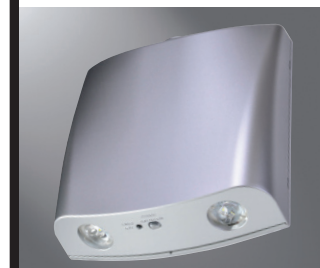
White



Black



Bronze



Silver

Emergency Light SELW

LED Emergency Light

Wet Location

AccuLED Optic

Eagle Eye Self Diagnostics

ORDERING INFORMATION

SAMPLE NUMBER: SELW25BZ

Series	Spacing	Battery	Color	Self Diagnostics	Catalog
SELW=Wet location	25=25 ft.	_ =NC	_ =Silver BZ=Bronze BK=Black WH=White	Not Available	SELW25 SELW25BZ SELW25BK SELW25WH

Series	Spacing	Battery	Color	Self Diagnostics	Catalog
SELW=Wet location	29=29 ft.	_ =NC	_ =Silver BZ=Bronze BK=Black WH=White	SD=self diagnostic	SELW29SD SELW29BZSD SELW29BKSD SELW29WHSD

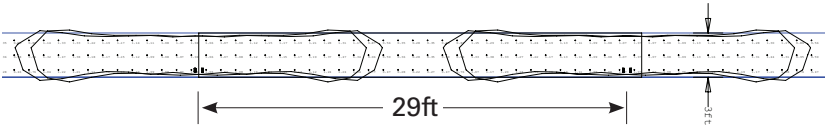
Series	Spacing	Battery	Color	Self Diagnostics	Catalog
SELWT=Wet location, wide temperature	29=29 ft.	_ =NC	_ =Silver BZ=Bronze BK=Black WH=White	SD=self diagnostic	SELWT29SD SELWT29BZSD SELWT29BKSD SELWT29WHSD

ELECTRICAL DATA

120V				277V		
Model	Power (W)	Current (A)	PF	Power (W)	Current (A)	PF
SELW29SD	0.6	0.07	0.07	0.7	0.07	0.03
SELW25	0.6	0.08	0.064	0.8	0.08	0.03
SELWT29SD	2.0	0.3	0.07	1.8	0.21	0.03

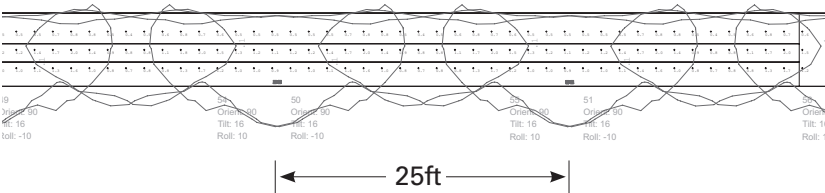
PHOTOMETRY

SELW29SD; SELWT29SD



X	Y	Z	Orient	Tilt	Roll
-0.25	0.5	7.5	90	7	1
0.25	0.5	7.5	90	7	-1
28.75	0.5	7.5	90	7	1
29.25	0.5	7.5	90	7	-1
57.75	0.5	7.5	90	7	1
58.25	0.5	7.5	90	7	-1
-29.25	0.5	7.5	90	7	1
-28.75	0.5	7.5	90	7	-1

SELW25



X	Y	Z
0	0.33	7.5
0.33	0.33	7.5
24.33	0.324	7.5
48.33	0.317	7.5
72.33	0.311	7.5
96.33	0.305	7.5
24	0.323	7.5
48	0.316	7.5
72	0.309	7.5
96	0.302	7.5

***The “Rule of Thumb” spacing guidelines are designed to achieve 1 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum/minimum ratio. The corridor used is 100 feet long, 9 foot ceiling with a 6 foot wide walkway and 3 foot path of egress. The reflectances are 80% ceiling, 50% walls and 20% floors. The fixture mounting height is 7.5 feet. Eaton assumes no responsibility for local requirements or specific project variables. This is a guideline to be used as a design aid, not as guarantee of any code compliance.