

SECTION 21  
TOWNSHIP 25 NORTH  
RANGE 25 WEST  
ST. CLAIR COUNTY,  
MISSOURI  
LAT.  
LONG.  
NEE MAP  
OSCEOLA, MO.

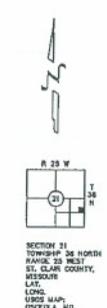
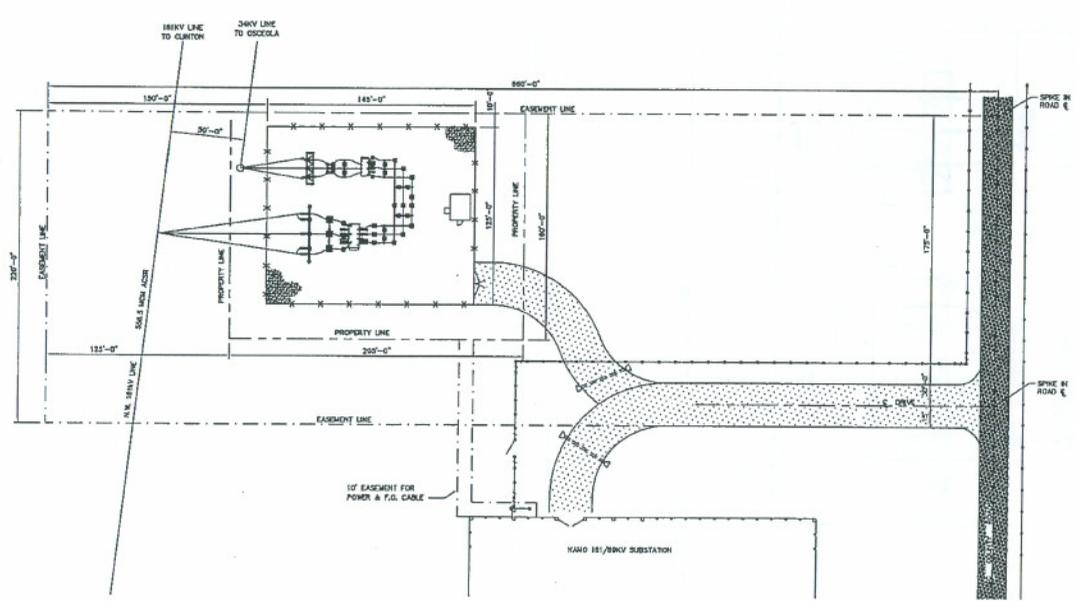
- LEGEND:**
- POWER POLE
  - ◊ 4" STEEL CORNER POST
  - 2" IPS LINE POST
  - ⊕ 6" SVP TREATED CORNER POST BRACE
  - ⊕ 5" SVP TREATED CORNER POST
  - ⊕ 5" SVP TREATED LINE POST
  - SECURITY FENCE
  - FARM FENCE
  - - - PROPERTY LINE
  - ~ FINISH GRADE CONTOUR
  - AREA SURFACED WITH CRUSHED ROCK

NO.	DATE BY	REVISION
1	JAN 19 1951	REV. 1-12-51
2	JAN 19 1951	REV. 1-11-51
3	JAN 19 1951	REV. 1-10-51
4	JAN 19 1951	REV. 1-9-51
5	JAN 19 1951	REV. 1-8-51

**KAMO ELECTRIC COOPERATIVE, INC.**  
 ARKANSAS-32-BENTON VINITA, OKLAHOMA

**OSCEOLA 161KV SUBSTATION**  
 GRADING PLAN  
 AQUILA SUBSTATION SITE LAYOUT

DATE BY: J. LAMSON E-5842  
 DATE: 1-1-51  
 DRAWING NO.: 1905-D-0501  
 SHEET NO.: 5



- LEGEND:**
- NEW 6" LAYER AGGREGATE SURFACE FOR SUBSTATION YARD
  - PERMANENT SUBSTATION ACCESS DRIVE AGGREGATE SURFACE
  - NEW CHAIN LINK FENCE
  - PROPERTY LINE
  - EASEMENT

- NOTES:**
1. ALL DISTURBED AREAS OUTSIDE THE SUBSTATION'S FENCED AREA WILL BE RESEEDED WITH NATIVE GRASSES TO MINIMIZE RUNOFF AND EROSION UPON COMPLETION OF THE PROJECT.
  2. SUBSTATION IS AN UNMANNED FACILITY, WITH AN ESTIMATED SITE ENTRY OF ONE VEHICLE PER WEEK UNDER NORMAL CIRCUMSTANCES. SITE ACCESS IS LIMITED TO AUTHORIZED PERSONNEL ONLY.
  3. PARKING LOT SPACE IS NOT REQUIRED FOR THIS INSTALLATION.
  4. NO PAVED FACILITIES, CURBS, SIDEWALKS, ETC. PRESENTLY EXIST ON THE PROPERTY. THEREFORE NO NEW OR UPGRADES TO EXISTING FACILITIES ARE PLANNED DURING THE COURSE OF THIS PROJECT.
  5. FACILITY REQUIRES NO WATER SUPPLY, SANITARY SEWER, OR GAS CONNECTIONS. ELECTRICAL SUPPLY TO FACILITY WILL BE SUPPLIED FROM ON SITE.

**NOT FOR CONSTRUCTION**

- LEGEND:**
- F FIXED (WELDED) BUS FITTING
  - S SLIP (NON-WELDED) BUS FITTING
  - Δ SWITCH OPERATOR LOCATION
  - BILL OF MATERIAL ITEM NUMBER

**REFERENCE DRAWINGS:**  
 609-100 SITE LAYOUT  
 609-501 ELEVATIONS

- NOTES:**
1. INSTALL 795 MCM AAC OR ACER CONDUCTOR INSIDE ALL 3" IPS BUS RUNS LONGER THAN 15 FEET FOR VIBRATION DAMPING.



REV. NO.	DATE	BY	CHKD.	DESCRIPTION

MISSOURI PUBLIC SERVICE KANASAS CITY, MISSOURI 64116		PROJ. NO. 809-001	DATE 8/22/06
OSCEOLA 161/34KV SUBSTATION SITE DEVELOPMENT PLAN		SCALE 1"=40'	SHEET 0

MISSOURI PUBLIC SERVICE KANASAS CITY, MISSOURI 64116		PROJ. NO. 809-500	DATE 7/11/05
OSCEOLA 161/34KV SUBSTATION PLAN VIEW		SCALE 1"=10'	SHEET 0