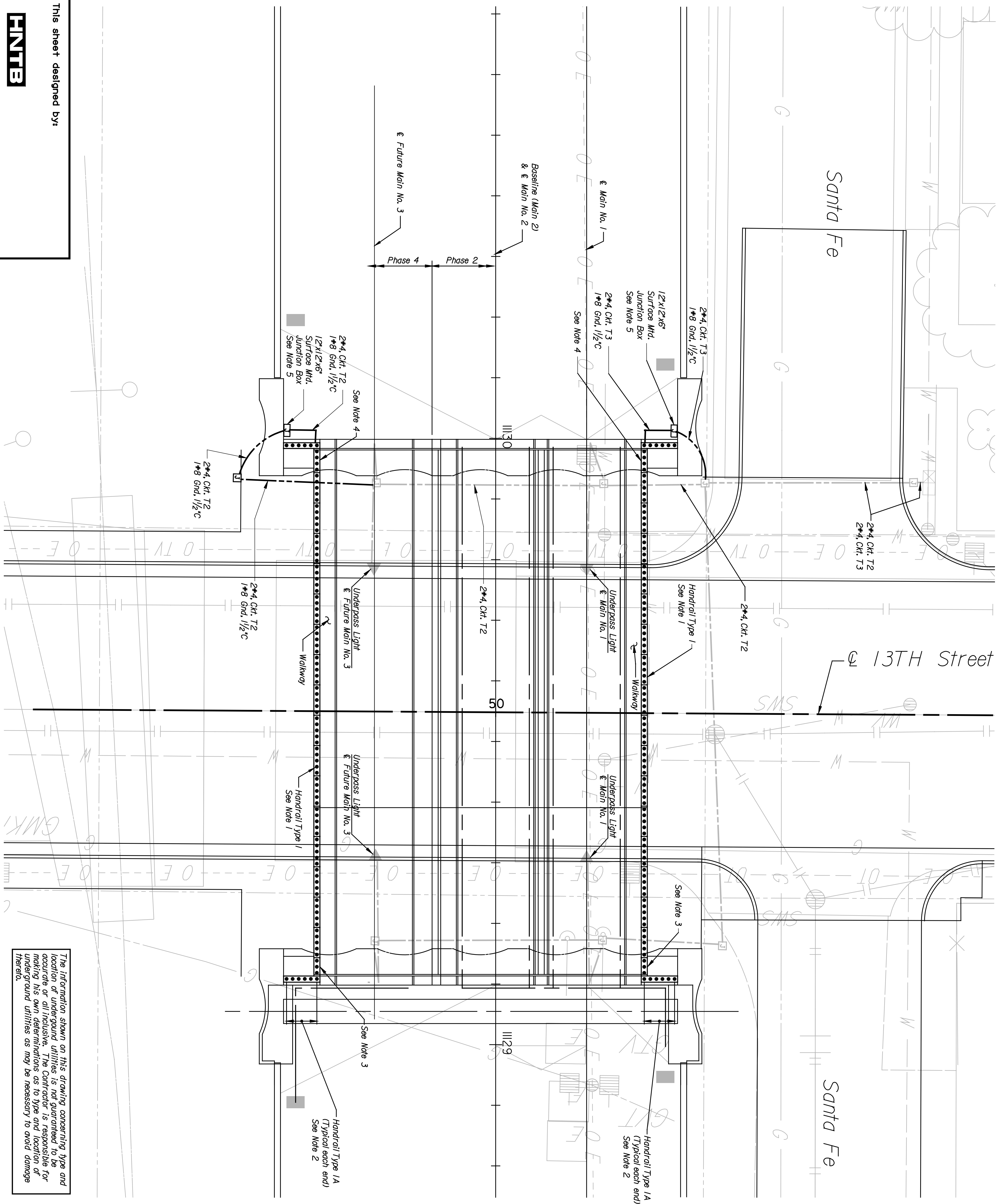


BY	DATE

Plotted on: Wednesday, January 05, 2005 15:32  
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**PHNTB**  
 ARCHITECTS ENGINEERS PLANNERS

This sheet designed by:



STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-94071	2005	BL11	

**Alternate #5**

LIGHTING LEGEND

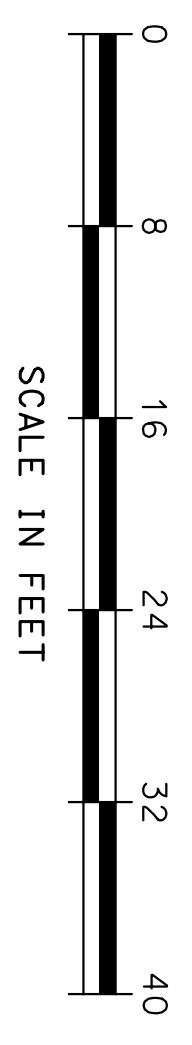
- ☒ Pad Mounted Lighting Control Center Enclosure
- ▣ Wall or Horizontal Mounted Underpass Luminaire
- ▲ Bollard Luminaires, Wired Together in Groups of Five or as Per Plans.
- Ground Mounted Junction Box, 11' x 18' x 12'
- ▤ Surface Mounted Junction Box, Size as Per Plans.
- Conductor in Rigid Metal Conduit, Size and Quantity as Per Plans.

PLAN NOTES

1. Five lighted bollard section typical unless otherwise noted.
2. Each Type 1A handrail shall have a six bollard section without lights.
3. These units shall have three lighted bollards.
4. These units shall have four lighted bollards.
5. Install conduit surface-mounted to back of wall and route to surface-mounted Junction box. See detail on sheet BL6.6.
6. The contractor shall coordinate the installation of all conduit with road and bridge construction and other improvements.
7. The lighting controller, conduit and pull boxes supplied as part of the base bid for the underpass lighting are shown shaded on this plan sheet. The bollard lighting, Alternate 5, bid shall only include the additional conduit and wire required to connect circuits T2 and T3 from the lighting controller to the bollard lighting as shown.

CIRCUIT SCHEDULE					
CONTROL CENTER T*					
120/240 VOLT MAIN BKR 125A					
CIRCUIT NO.	CIRCUIT VOLTAGE	CONNECTED LOAD	BREAKER SIZE	CONDUCTOR SIZE	WIRE GND SIZE
T1	240	480 W	30A	30A	#8
T2	120	3120 W	50A *	50A *	#8
T3	120	3120 W	50A *	50A *	#8
SPARE			30A	30A	#8

\* Alternate 5 bid shall include the cost to increase the breaker and conductor size from 30A to 50A for the bollard lighting circuits.



SCALE IN FEET

The information shown on this drawing concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to type and location of underground utilities as may be necessary to avoid damage thereto.

SHEET NO.		OF	SCALE	V.A.	1"=1'-0"	APP'D.	TRACED
DESIGNED	DBL	DETAILS	SMS	QUANTITIES	DBL	QUANTITIES	TRACED
DESIGN	CK.	DBL	DETAIL	CK.	DBL	QUANT.	TRACED

**CITY OF WICHITA**  
**WICHITA CENTRAL CORRIDOR**  
**ALTERNATE 5**  
**13TH STREET**  
**LIGHTING PLAN**