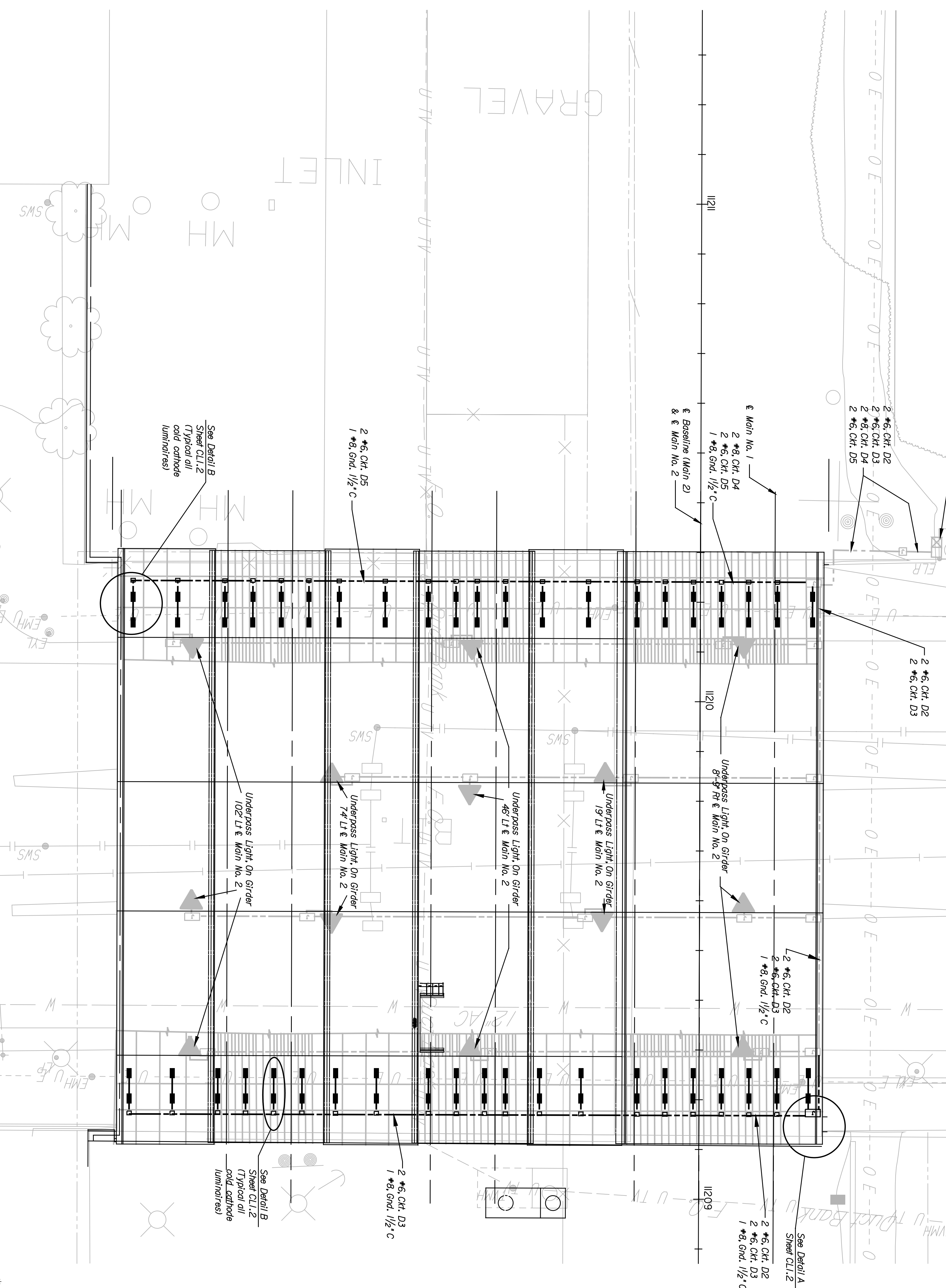


| BY | DATE |
|----|------|
| | |
| | |

Lighting Control Center #7
Sta. 11210+32.47-51 Lt. & Main No. 2



This sheet designed by:
PNTB
ARCHITECTS ENGINEERS PLANNERS

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.

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|--------|-------------|------|-----------|--------------|
| KANSAS | 472-84071 | 2005 | CL11 | |

Alternate #7

PLAN NOTES

- The contractor shall coordinate the installation of all conduit with bridge construction and other improvements.
- 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 cold cathode luminaires, Alternate 7, bid shall only include the additional conduit and wire required to connect circuits D2, D3, D4 and D5 from the lighting controller to the cold cathode luminaires.

LIGHTING LEGEND

- Pad Mounted Lighting Control Center Enclosure
- Wall or Horizontal Mounted Underpass Luminaire
- Cold Cathode Luminaires. Wired Together in Pairs 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.

| CIRCUIT SCHEDULE | | | | |
|-------------------|-----------------|----------------|--------------|----------------------|
| CONTROL CENTER #7 | | | | |
| 120/240 VOLT | | | | |
| CIRCUIT NO. | CIRCUIT VOLTAGE | CONNECTED LOAD | BREAKER SIZE | CONTRACTOR WIRE SIZE |
| D1 | 240 | 1300 W | 30A | 30A #8 |
| D2 | 120 | 2112 W | 30A | 30A #8 |
| D3 | 120 | 1920 W | 30A | 30A #6 x |
| D4 | 120 | 2112 W | 30A | 30A #8 x x |
| D5 | 120 | 1920 W | 30A | 30A #6 x x |

- * Connect first 11 pair of pedestrian luminaires to circuit D2, connect remaining 10 pair of pedestrian luminaires to circuit D3.
- ** Connect first 11 pair of pedestrian luminaires to circuit D4, connect remaining 10 pair of pedestrian luminaires to circuit D5.
- Alternate 7 bid shall include the cost to increase the size of the controller to five circuits.

CITY OF WICHITA
WICHITA CENTRAL CORRIDOR
ALTERNATE 7
DOUGLAS AVENUE
LIGHTING PLAN

| NO. | DATE | REVISIONS | BY | APP'D. |
|-----|------|-----------|----|--------|
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |

| DESIGNED | SCALE | DATE | TRACED |
|----------|---------------------|------|--------|
| JCS | 3/4" = 1'-0" APP'D. | | |
| DBL | DETAILED | | |
| DBL | DETAIL CK. | | |
| DBL | QUANTITIES | | |
| DBL | QUANCK. | | |