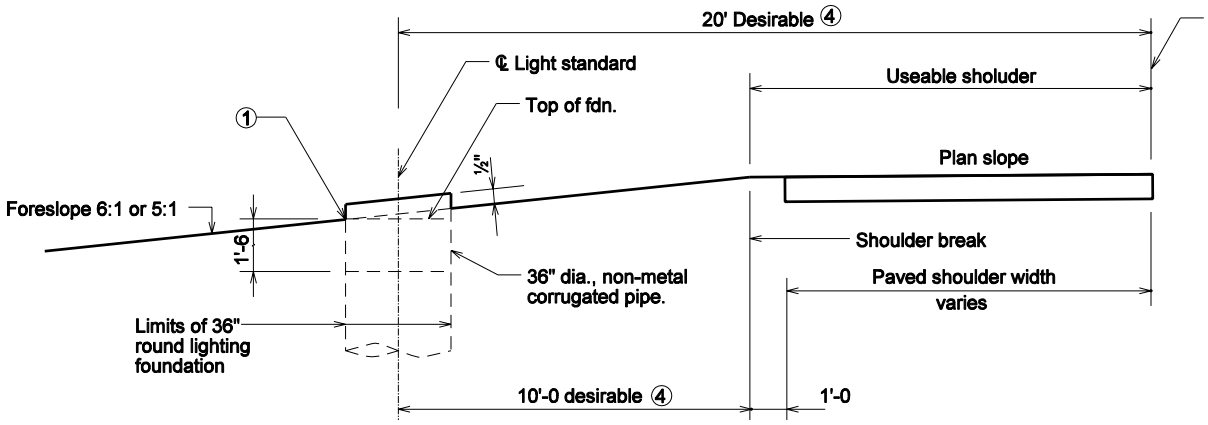


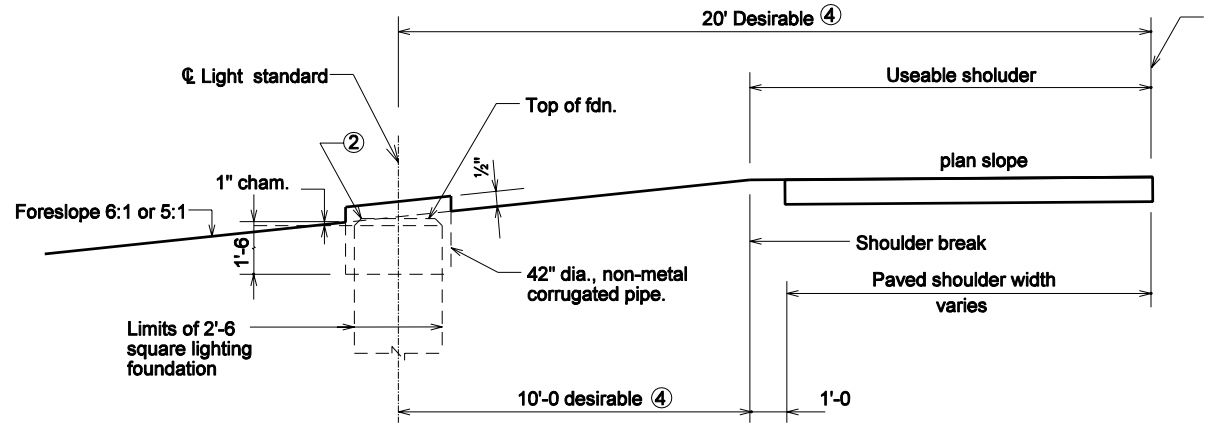
ELEVATION, FILL SECTION, 6:1 OR 5:1 SLOPE, ROUND FOUNDATION

Notes:

①② See Standard Drawing E 807-LTFD-05 General Notes.

3. Transformer base door shall face the right-of-way line.

4 Use which ever gives the greatest offset distance from the edge of the travel lane.



ELEVATION, FILL SECTION, 6:1 OR 5:1 SLOPE, SQUARE FOUNDATION

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHT STANDARD FOUNDATION GRADING FILL SECTION

SEPTEMBER 2005

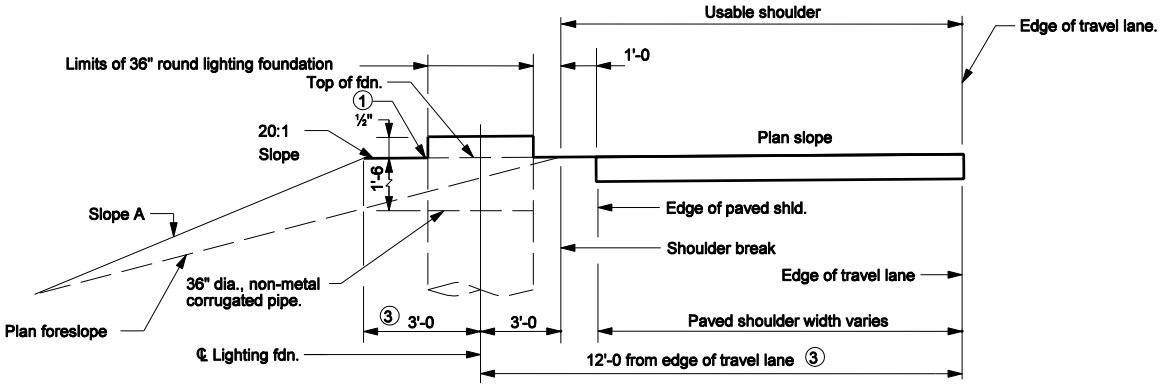
STANDARD DRAWING NO. E 807-LTFD-02

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-01-05
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-05
CHIEF HIGHWAY ENGINEER DATE



ELEVATION, 4:1 OR 3:1 SLOPE

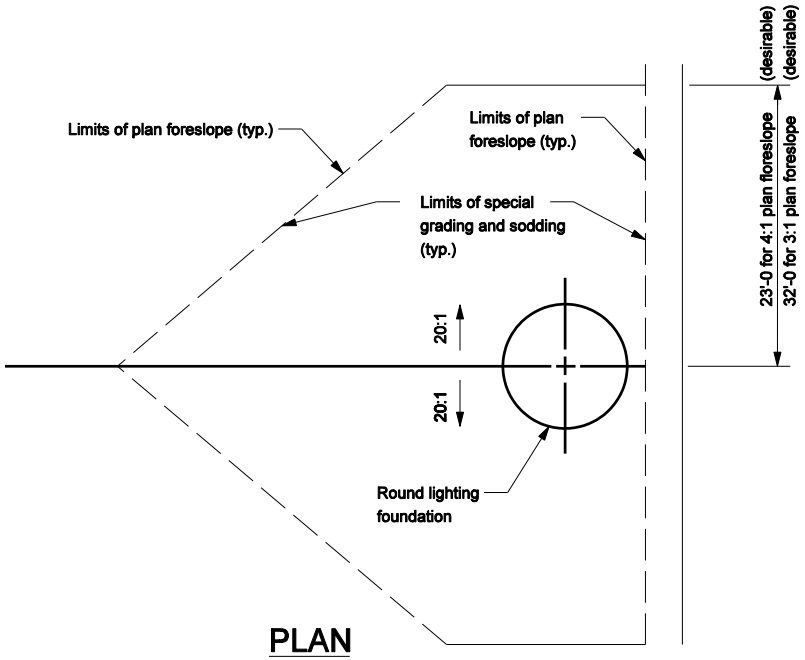
Notes:

① See Standard Drawing E 807-LTFD-05 for General Notes.

2. Transformer base door shall face the right-of-way line.

③ Use which ever gives the greatest offset distance from the edge of the travel lane.

Plan foreslope	A
4:1	3:1 Desirable
3:1	2.5:1 Desirable



PLAN

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHT STANDARD ROUND FDN. TNT. FILL SECTION FORESLOPE 4:1 OR 3:1

September 2005

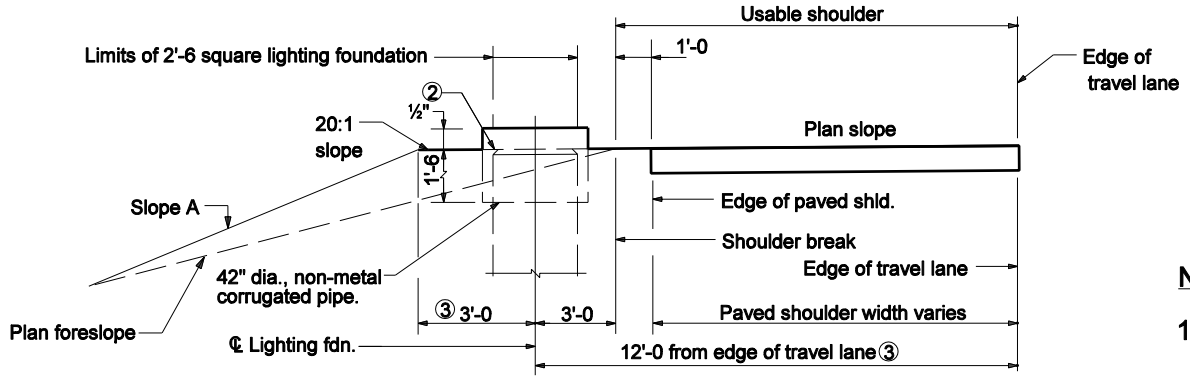
STANDARD DRAWING NO. E 807-LTFD-03

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

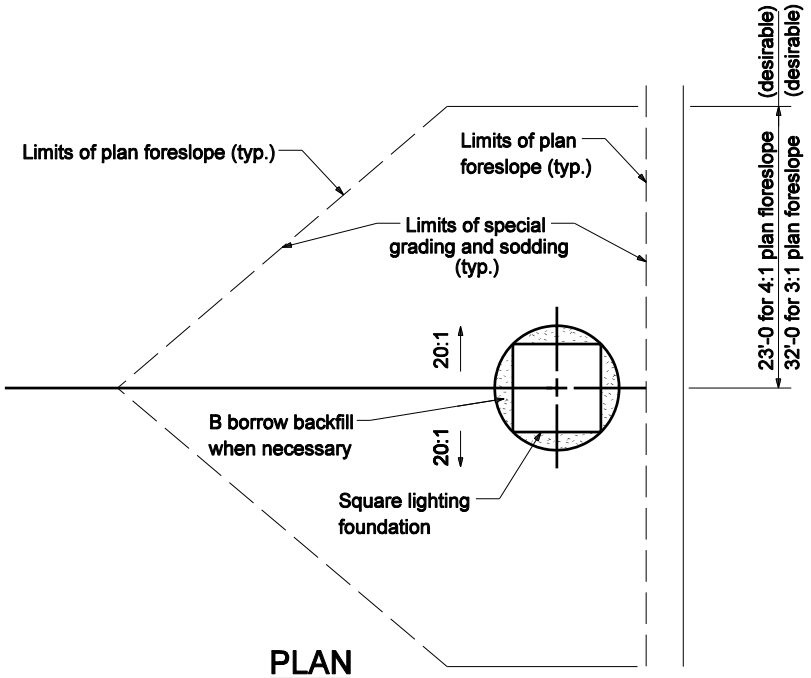
DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-01-05
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-05
CHIEF HIGHWAY ENGINEER DATE



ELEVATION 4:1 OR 3:1 SLOPE



PLAN

Notes:

1. Transformer base door shall face the right-of-way line.

② See Standard Drawing E 807-LTFD-05 for General Notes.

3. Use whichever gives the greatest offset distance from the edge of the travel lane.

Plan foreslope	A
4:1	3:1 Desirable
3:1	2.5:1 Desirable

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHT STANDARD SQUARE FDN. TMT. FILL SECTION FORESLOPE 4:1 OR 3:1

SEPTEMBER 2005

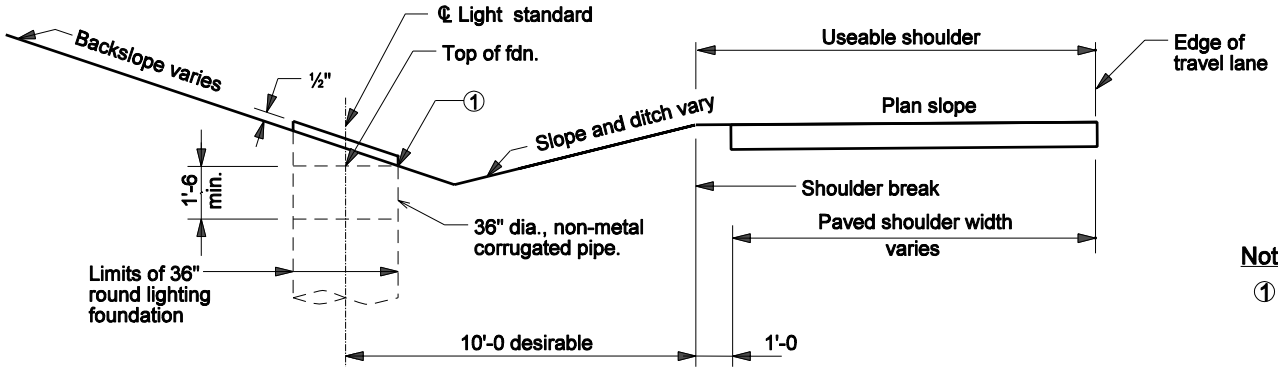
STANDARD DRAWING NO. E 807-LTFD-03A

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

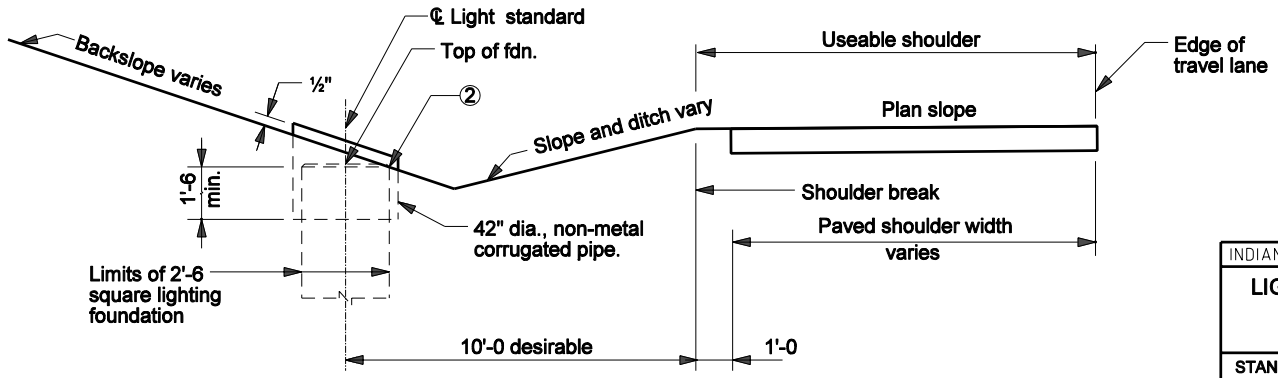
DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-01-05
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-05
CHIEF HIGHWAY ENGINEER DATE



ELEVATION, CUT SECTION, ROUND FOUNDATION



ELEVATION, CUT SECTION, SQUARE FOUNDATION

Notes:

①② See Standard Drawing E 807-LTFD-05 for General Notes.

3. Transformer base door shall face roadway.

4. Foundation shall not be installed in ditch flow line.

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHT STANDARD FOUNDATION GRADING CUT SECTION

SEPTEMBER 2005

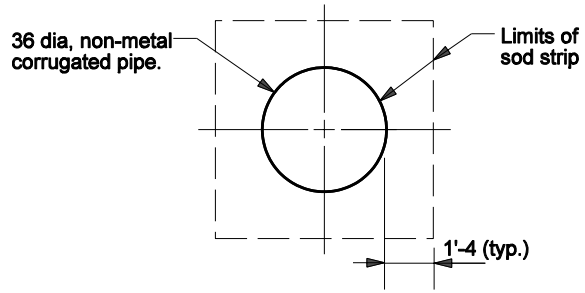
STANDARD DRAWING NO. E 807-LTFD-04

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

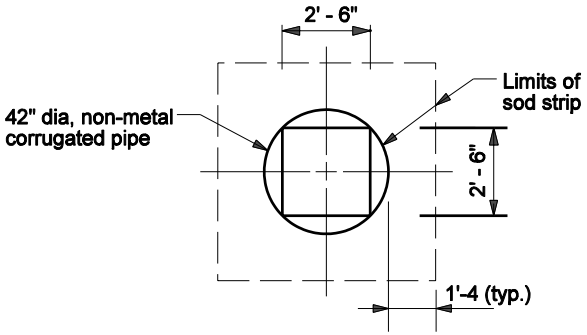
DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-01-05
DESIGN STANDARDS ENGINEER DATE

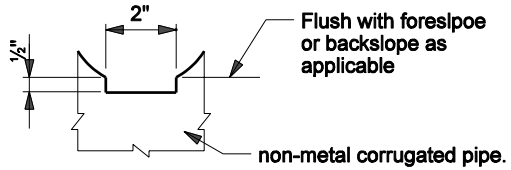
/s/ Richard K. Smutzer 9-01-05
CHIEF HIGHWAY ENGINEER DATE



PLAN, ROUND FOUNDATION



PLAN, SQUARE FOUNDATION



DRAINAGE NOTCH

Notes:

1. Drainage notch shall follow the slope of the ground.

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHT STANDARD FOUNDATION GRADING DETAILS

SEPTEMBER 2005

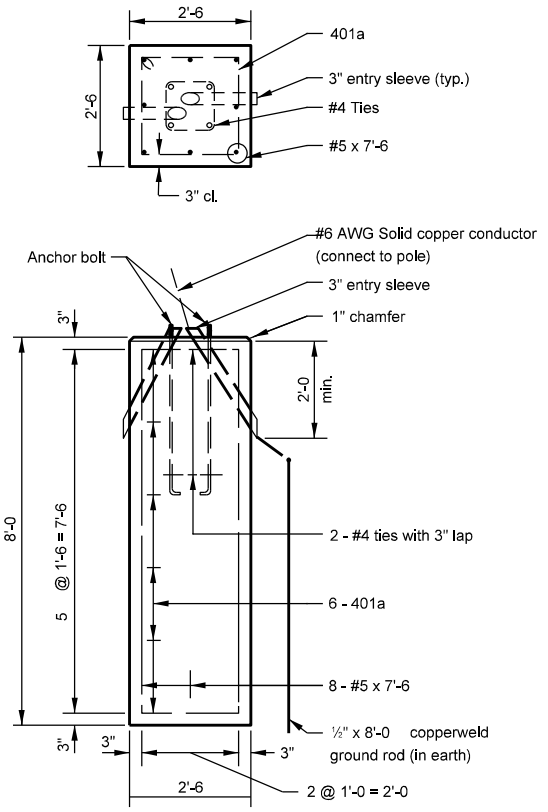
STANDARD DRAWING NO. E 807-LTFD-04A

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

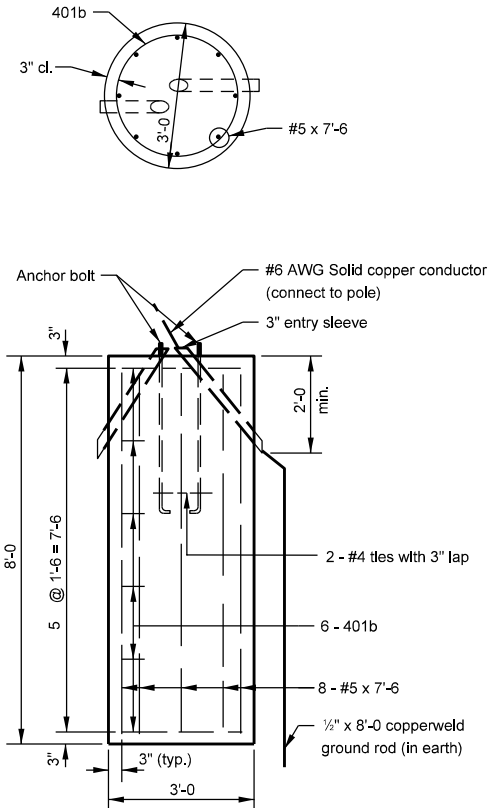
DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-01-05
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-05
CHIEF HIGHWAY ENGINEER DATE



SQUARE FOUNDATION DETAIL



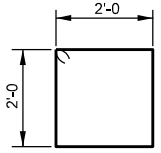
ROUND FOUNDATION DETAIL

GENERAL NOTES

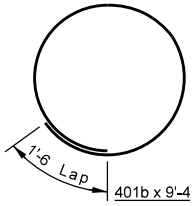
① Top of lighting foundation shall be flush with foreslope at this point.

② Base of chamfer at top of lighting foundation shall be flush with foreslope at this point.

3. See Standard Drawing E 801-LTFD-04A for plan views of pipe placement and sodding.
4. Low exposd end of pipe shall have drainage notch as shown on Standard Drawing E 807-LTFD-04A.
5. Arrows shall be engraved on top of foundation to indicate direction of cable duct run.
6. All reinforcing bars shall be epoxy coated.



401a x 8'-10



401b x 9'-4

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHT FOUNDATION

SEPTEMBER 2002

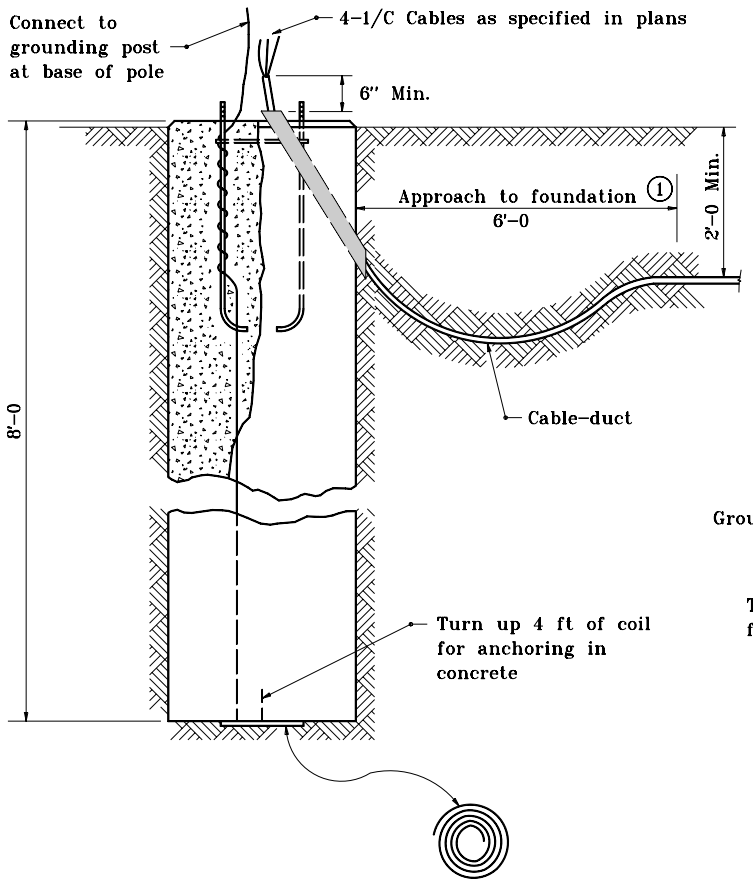
STANDARD DRAWING NO. E 807-LTFD-05

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

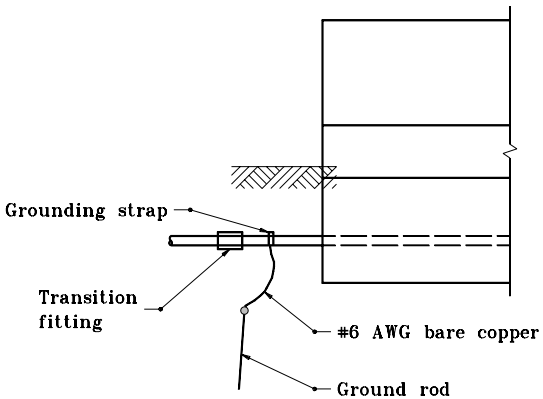
DESIGN STANDARDS ENGINEER

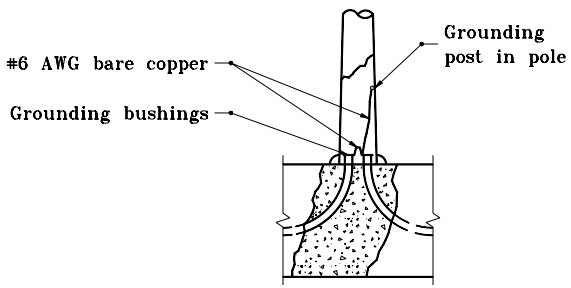
/s/ Richard L. VanCleave 9-03-02
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-03-02
CHIEF HIGHWAY ENGINEER DATE



DETAIL OF COIL





BRIDGE GROUNDING

GENERAL NOTES

① The 6 ft approach to foundation shall be trenched.

2. Bottom of trench shall be graded so as to provided a smooth, uniform ramp to the entry sleeve of the foundation.

3. Each cable–duct shall have its own entry sleeve. There shall be at least two entry sleeves per footing.

4. Coil to be of #6 AWG copper approximately 15 ft long.

5. Place felt between concrete and coil to prevent bonding.

6. Coil method of grounding may be used with precast foundation.

INDIANA DEPARTMENT OF TRANSPORTATION

LIGHT FOUNDATION

SEPTEMBER 2000

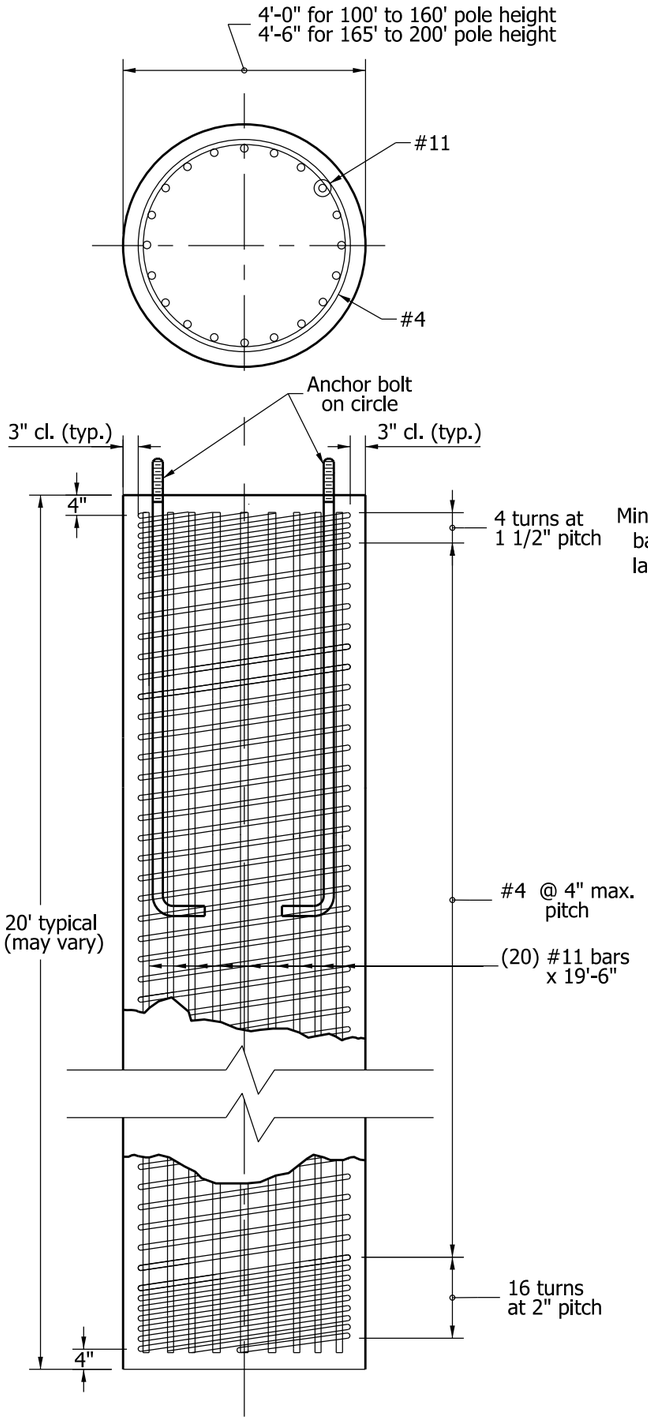
STANDARD DRAWING NO. **E 807–LTFD–06**

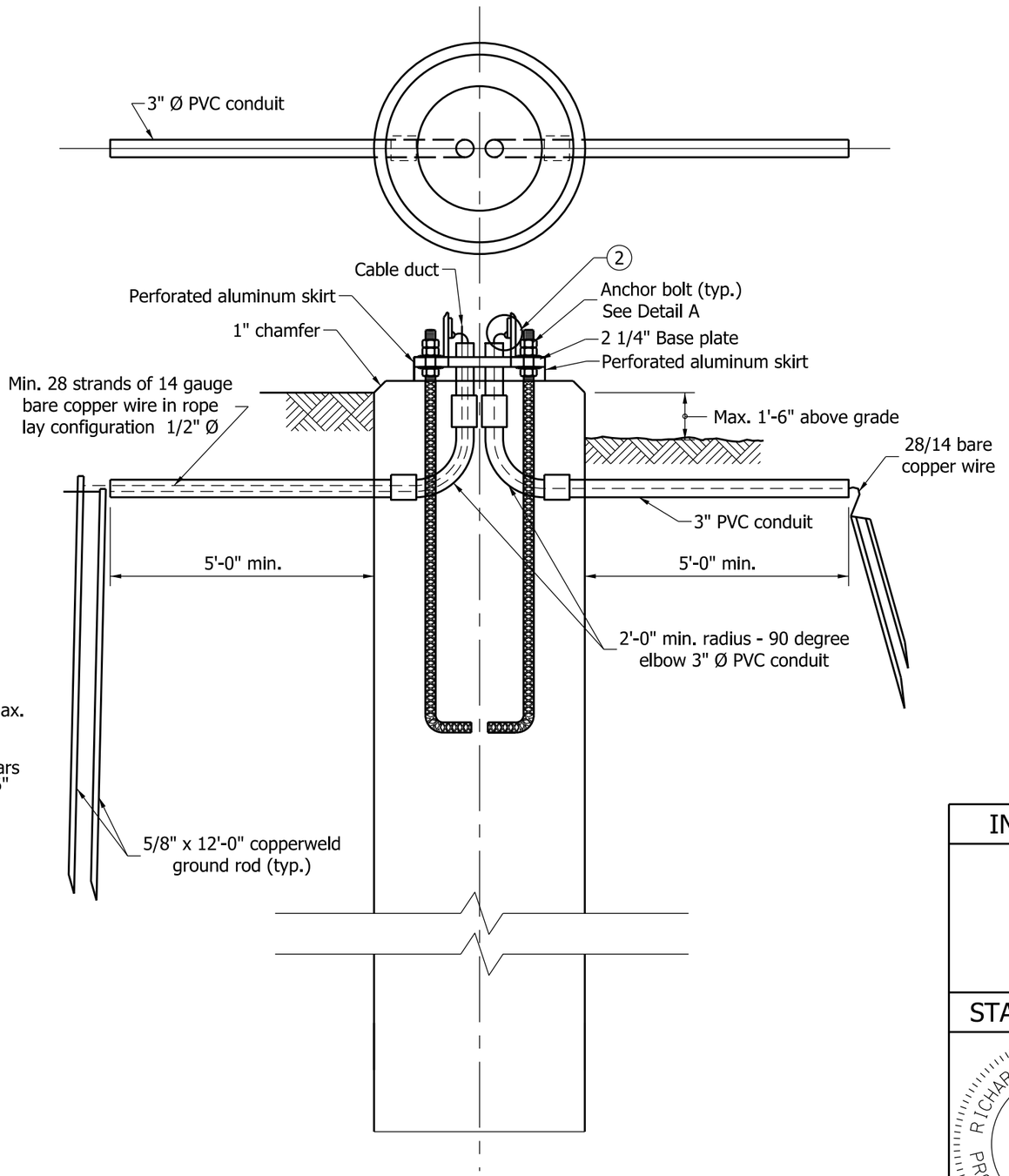
ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Anthony L. Uremovich 9–01–00
DESIGN STANDARDS ENGINEER — DATE

/s/ Firooz Zandi 9–01–00
CHIEF HIGHWAY ENGINEER — DATE

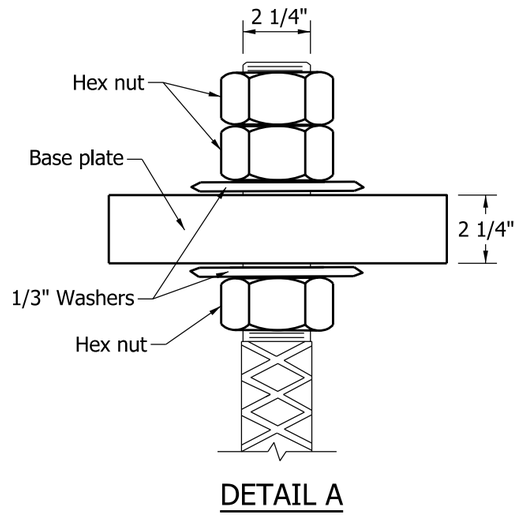




NOTES:

1. An arrow or arrows shall be imprinted onto the top of the foundation to indicate the direction of the cable-duct run.

(2) See Standard Drawing E807-LTLR-02 for details.



DETAIL A

INDIANA DEPARTMENT OF TRANSPORTATION

HIGH MAST TOWER FOUNDATION

SEPTEMBER 2010

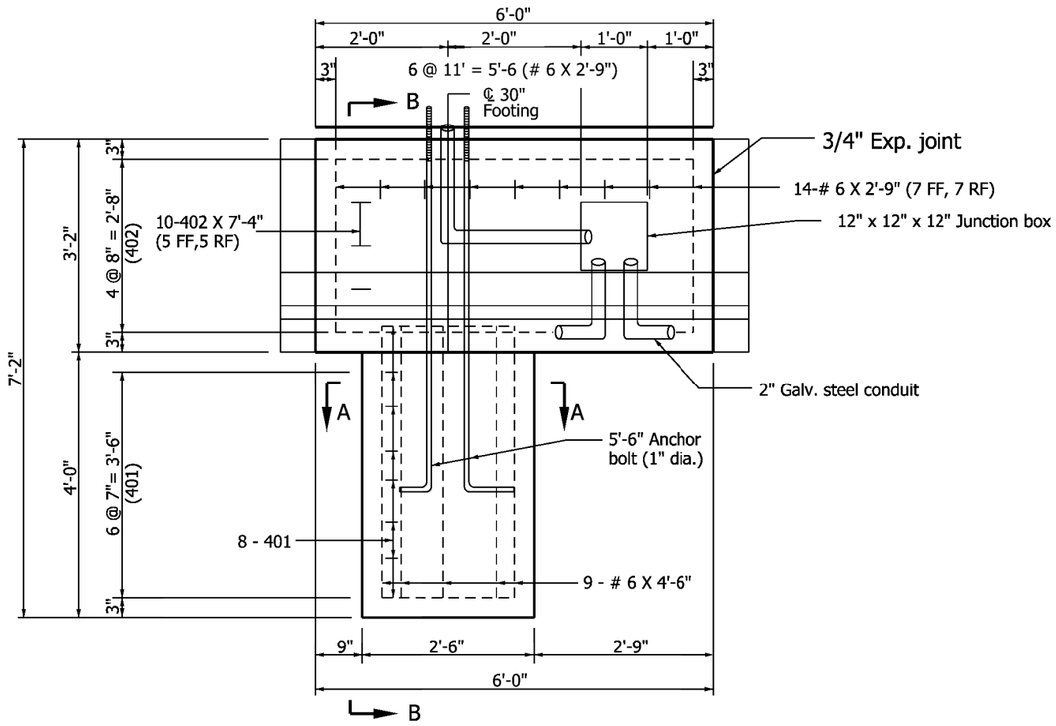
STANDARD DRAWING NO. E 807-LTFD-07

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

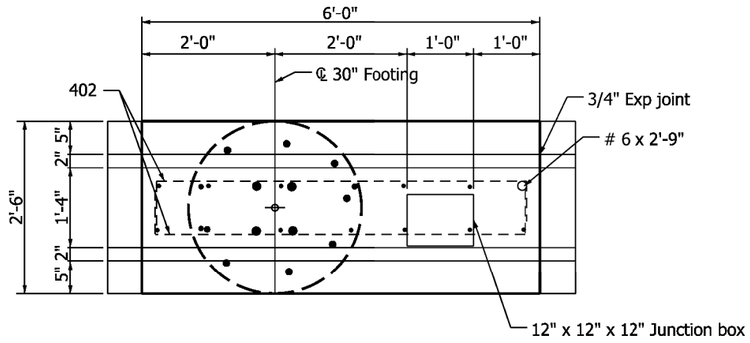
DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 09/01/10
DESIGN STANDARDS ENGINEER DATE

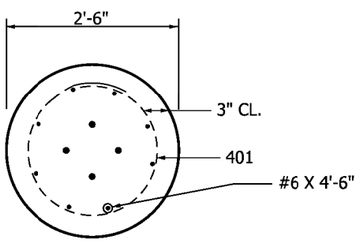
/s/ Mark A. Miller 09/01/10
CHIEF HIGHWAY ENGINEER DATE



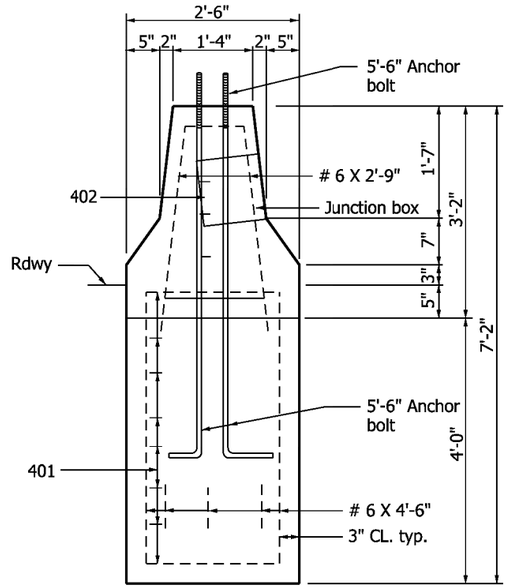
ELEVATION



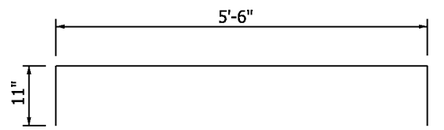
PLAN



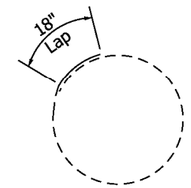
SECTION A-A



SECTION B-B



402 X 7'-4"



401 X 7'-9"

Notes:

1. The 2" galvanized steel conduit and junction box can be installed in the median shoulder. The junction box must be in front of the light foundation.
2. Field cut reinforcing bars to accomodate junction box.

INDIANA DEPARTMENT OF TRANSPORTATION

CONVENTIONAL LIGHT FOUNDATION FOR 33" CONCRETE MEDIAN WALL INSTALLATION SEPTEMBER 2009

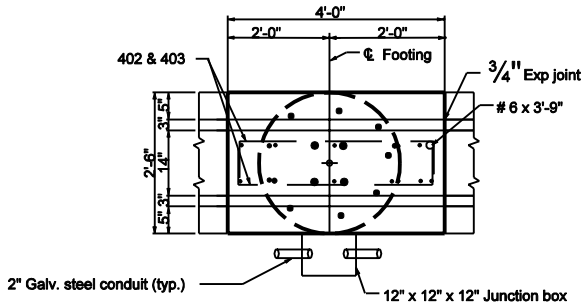
STANDARD DRAWING NO. E 807-LTFD-09

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

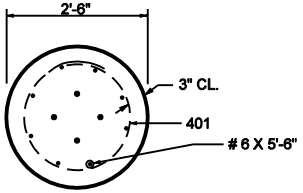
DESIGN STANDARDS ENGINEER

/s/ Richard L.VanCleave 09/01/09
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 09/01/09
CHIEF HIGHWAY ENGINEER DATE



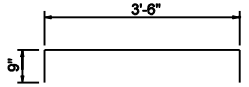
PLAN



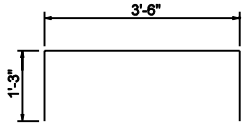
SECTION A-A

Notes:

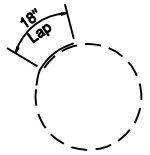
1. Junction box shall meet the following specifications:
   a. Material: Polymer concrete
   b. Color: Concrete gray
   c. Cover rating: 20,000 lbs.



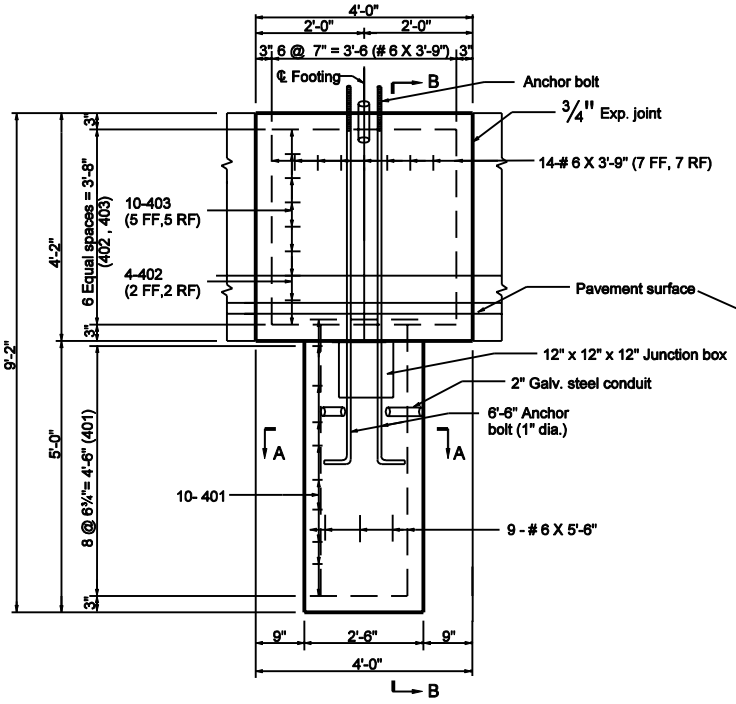
403 X 5'-0"



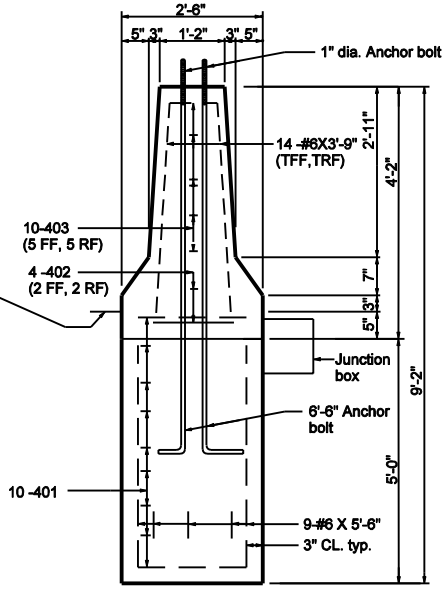
402 X 6'-0"



401 X 8'-10"



ELEVATION



SECTION B-B

INDIANA DEPARTMENT OF TRANSPORTATION

CONVENTIONAL LIGHT FOUNDATION FOR 45" CONCRETE MEDIAN WALL INSTALLATION.

SEPTEMBER 2002

STANDARD DRAWING NO. E 807-LTFD-10

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L VanCleave — DESIGN STANDARDS ENGINEER — 9-03-02 DATE

/s/ Richard K. Smutzer — CHIEF HIGHWAY ENGINEER — 9-03-02 DATE