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## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

## COUNTY TOTAL SHEET NO. SECTION 404 (63-1185)(43-1,124)PP PEDRIA \* 88 1

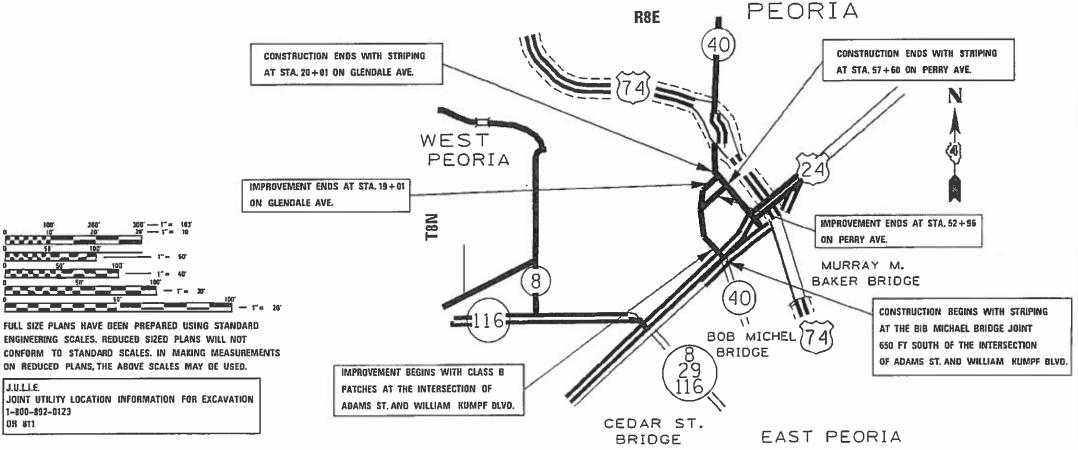
### **DESIGN DESIGNATION (IL 40)**

OTHER PRINCIPAL ARTERIAL 2017 ADT = 12900MU = 150SU = 325

# **PROPOSED** HIGHWAY PLANS

**FAP ROUTE 404 (IL 40)** SECTION (63-1)RS;(43-1,124)PP PROJECT NHPP-6V38(342) PEORIA COUNTY

C-94-013-18

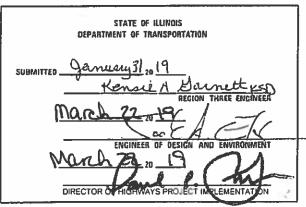


GROSS LENGTH = 4,975 FT. = .942 MILE

NET LENGTH = 4,110 FT. = .778 MILE

LOCATION OF SECTION INDICATED THUS. -

PROJECT DESCRIPTION: THIS PROJECT CONSISTS OF SURFACE MAINTENANCE ON IL 40 (WILLIAM KUMPF BLVO., PERRY AVE., & GLENDALE AVE.). ITEMS INCLUDED IN THE SCOPE OF WORK ARE PAVEMENT PATCHING, HMA SURFACE REMOVAL HMA SURFACE COURSE, AND THE CONSTRUCTION OF ADA RAMPS AT VARIOUS LOCATIONS.



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PROJECT ENGINEER: RICH DOTSON

PROJECT MANAGER: KEVIN HORST\JOSH JOCHUMS

**CONTRACT NO. 035535-00D** 

CONTRACT NO. 68D98

↑ REV. 4/11/19 REV. 3/20/19

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34A DETAIL OF PIPE HANDRAIL FASTENING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

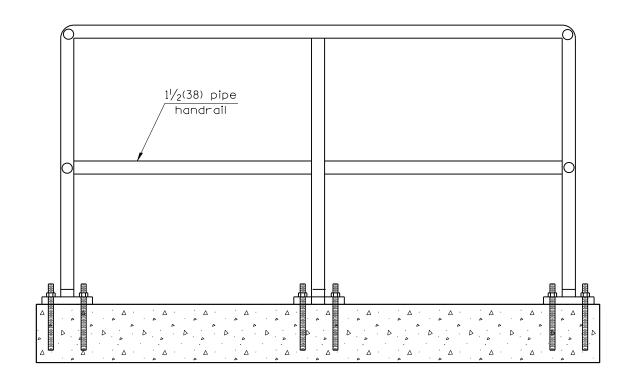
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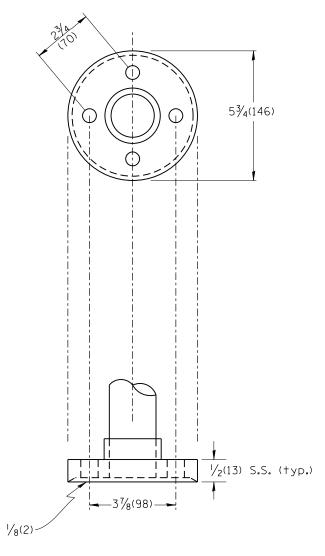
F.A.P. SECTION COUNTY TOTAL SHEET NO.

404 (63-1)RS;(43-1,124)PP PEORIA 88 2

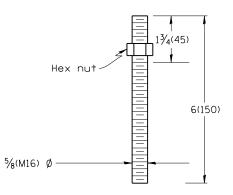
CONTRACT NO. 68D98







STRUCTURAL STEEL FITTING



BUILT-IN ANCHOR BOLT 5/8(M16) Ø, 6(150) LONG (SEE GENERAL NOTE 3)

#### GENERAL NOTES:

- Section 509 of the Standard Specifications shall apply.
- Connection of railing to posts shall be made by continuous welding or with using standard pipe fitting.
- 3. The anchor bolt may be installed with epoxy. Anchor bolt holes shall be \(^3/4(20)\) in diameter and 5(125) deep. They shall be predrilled with an electric hammer drill to a depth of 4(100) prior to use of a pnuematic drill for the remaining 4(100). A two component encapsulated epoxy such as "Parabond" or an equivalent shall be used. Installation shall be according to Manufacturer's recommendations.
- 4. The pipe handrail and all hardware shall be galvanized.

All dimensions are in inches (millimeters) unless otherwise noted.

		OTATE OF HAMOIO	DETAIL OF DIDE HANDRAN FACTORING	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF PIPE HANDRAIL FASTENING	404	(63-1)RS;(43-1,124)PP	PEORIA	88 34A
			NOT TO SCALE	FED. RO	DAD DIST. NO.   ILLINOIS FED. A		CT NO. 68D98