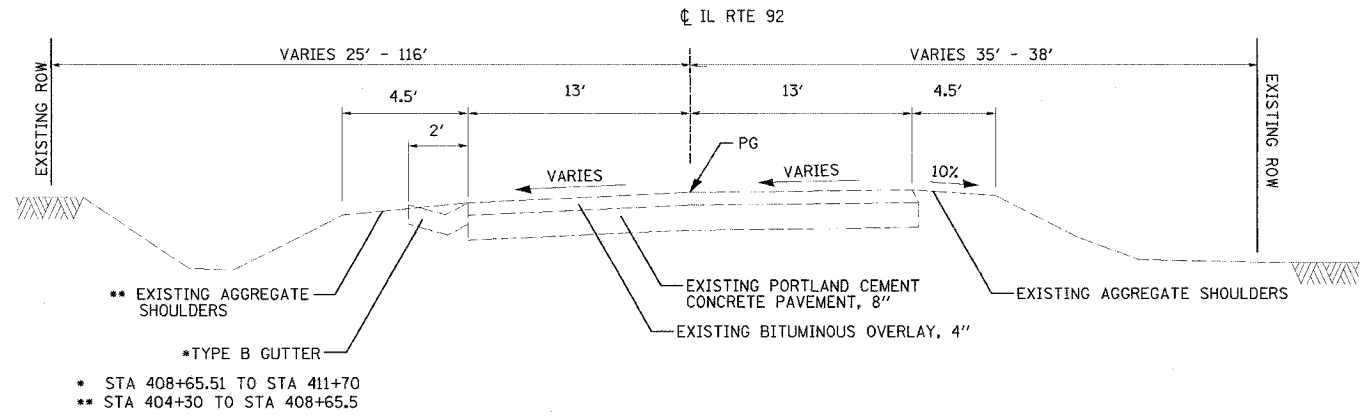


FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	42MFT-BR	ROCK ISLAND	90	7
STA. 404+30		TO STA. 410+00		

EXISTING CONDITIONS: CONTRACT 64641

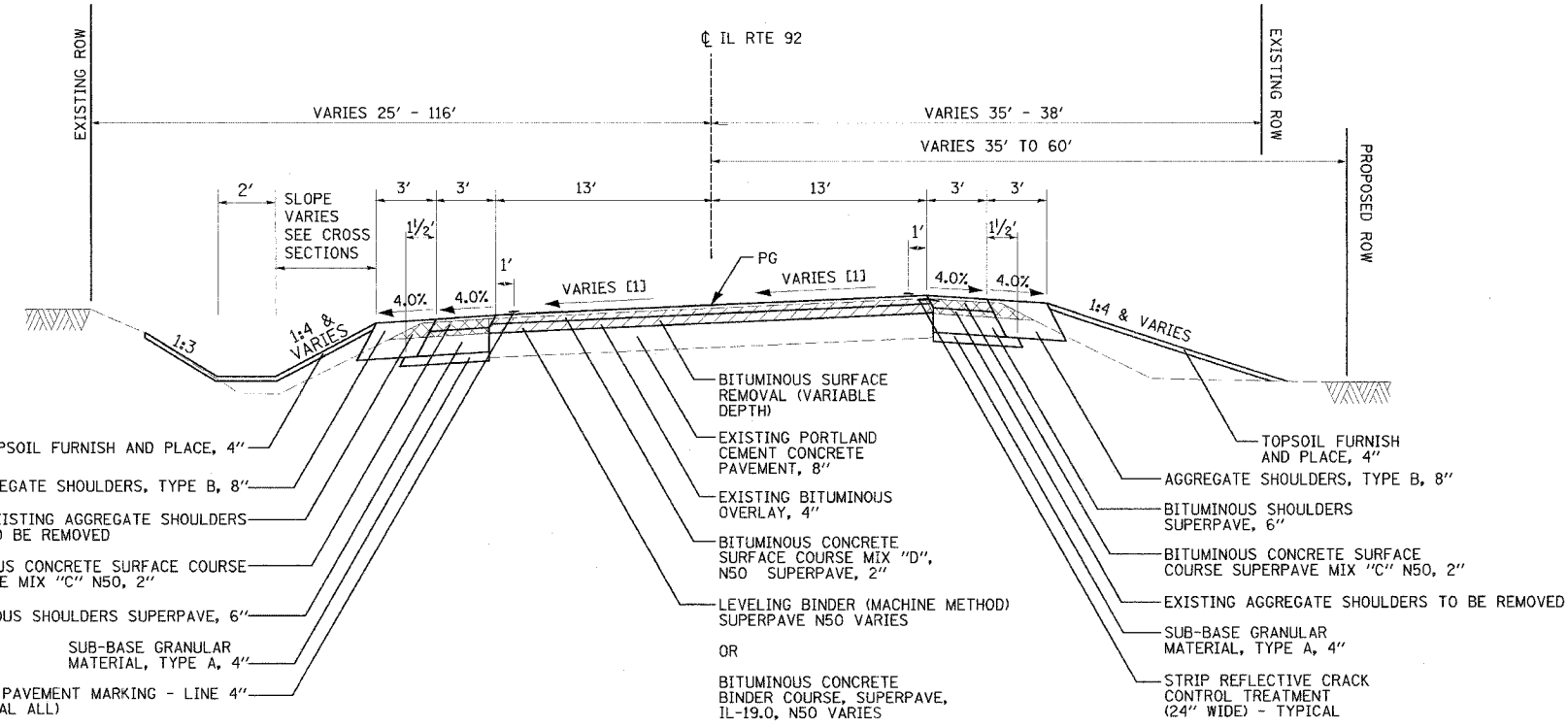


EXISTING TYPICAL ROADWAY SECTION

NOT TO SCALE  
 STA 404+30.00 TO STA 408+20.86  
 STA 408+20.86 TO STA 408+50.11 EX BRIDGE OMISSION  
 STA 408+50.11 TO STA 411+46.00

STRUCTURAL DESIGN DATA

TYPE OF CONSTRUCTION: PAVEMENT DESIGN: ROAD CLASSIFICATION	
STRUCTURAL DESIGN TRAFFIC:	
YEAR	2003
PV	6,280
SU	345
MU	275
% SDT IN DESIGN LANE	
PV	91.0%
SU	5.0%
MU	4.0%
TRAFFIC FACTOR	3.81
MINIMUM SOIL SUPPORT:	IBR = 2.95
STRUCTURAL NUMBER:	D+ = 5.2
PAVEMENT STRUCTURE	
BC SC SUPER "D" N50 (0.40)	2"
BCBC SUP IL- 19.0 N50 (0.33)	10"
SUB GRAN MAT A (0.11)	12"



PROPOSED TYPICAL ROADWAY SECTION

NOT TO SCALE  
 STA 404+30.00 TO STA 407+70.00  
 [1] SEE PAVEMENT TRANSITION SCHEDULE

STA	CROSS SLOPE		PAVEMENT ELEVATIONS			EDGE OF BITUMINOUS SHOULDER ELEVATIONS	
	LT	RT	PG	LT	RT	LT	RT
404+30.00	1.50%	1.50%	574.14	573.95	573.95	573.83	573.83
405+58.50	1.50%	1.50%	573.75	573.56	573.56	573.44	573.44
405+96.00	1.50%	0.00%	573.64	573.45	573.64	573.33	573.52
406+33.50	1.50%	1.50%	573.53	573.34	573.73	573.22	573.61
406+96.00	4.00%	4.00%	573.34	572.82	573.86	572.70	573.74
410+83.50	4.00%	4.00%	573.54	573.02	574.06	572.90	573.94
411+15.25	4.00%	2.73%	573.64	573.12	573.99	573.00	573.87
411+46.00	5.23%	1.50%	573.75	573.07	573.95	572.95	573.83

REMOVAL AREAS

BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)

NOTE:

1. BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) SUPERPAVE, 12" CONSISTS OF BITUMINOUS CONCRETE SURFACE COURSE MIX "D", N50 SUPERPAVE, 2" AND BITUMINOUS CONCRETE BINDER COURSE IL-19.0, N50, 10"
2. SEE SHEET 6 FOR APPLICATION RATES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 599 (IL 92)  
 SECTION 42MFT-BR  
 ROCK ISLAND COUNTY

TYPICAL SECTIONS

DRAWN BY: HLC

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 ALIGNED: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 NO. \_\_\_\_\_  
 NO. \_\_\_\_\_

08/31/2005  
 DATE TIME: \_\_\_\_\_  
 -CON-SPEC-  
 -REV-