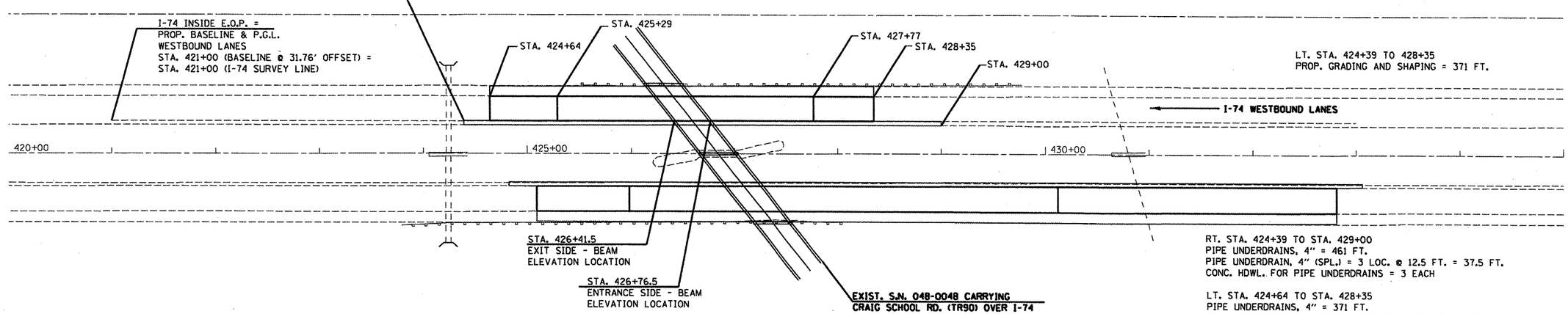
STA. 425+29 TO STA. 427+77
PCC BASE CSE 12" = 661.3 SQ. YD.
PAVEMENT FABRIC = 661.3 SQ. YD.
TIE BARS, 3/4" = 99 EACH
DOWEL BARS, 1" = 48 EACH
SUB-BASE GRAN. MAT'L. TYPE A 12" = 1074.7 SQ. YD.
GEOTECH. FAB. FOR GRND. STAB. = 1074.7 SQ. YD.

RT. STA. 424+39 TO STA. 429+00
TEMP. SHOULDERS = 204.9 SQ. YD.
(TO BE PLACED BEFORE STAGING
FOR PAVEMENT REMOVAL IN DRIVING LANE.
SHOULDER WILL BE PLACED AT A THICKNESS OF 10".
SEE MIXTURES TABLE FOR MIX DESIGN FOR TEMP. SHLDS.)

RT. STA. 424+39 TO STA. 429+00
HMA SHOULDER, 8" = 204.9 SQ. YD.
SUB-BASE MAT'L TYPE C = 178.2 TONS

LT. STA. 424+64 TO STA. 428+35
HMA SHOULDER, 10.5" = 412.2 SQ. YD.
SUB-BASE MAT'L TYPE C = 277.7 TONS

NOTE:
1. FOR HMA, GUARDRAIL, AGG. SHOULDERS, SEE SCHEDULES FOR QUANTITIES.
2. INSTALL UNDERDRAINS ACCORDING TO STD. 601001 SEE SCHEDULES FOR LOCATIONS AND QUANTITIES



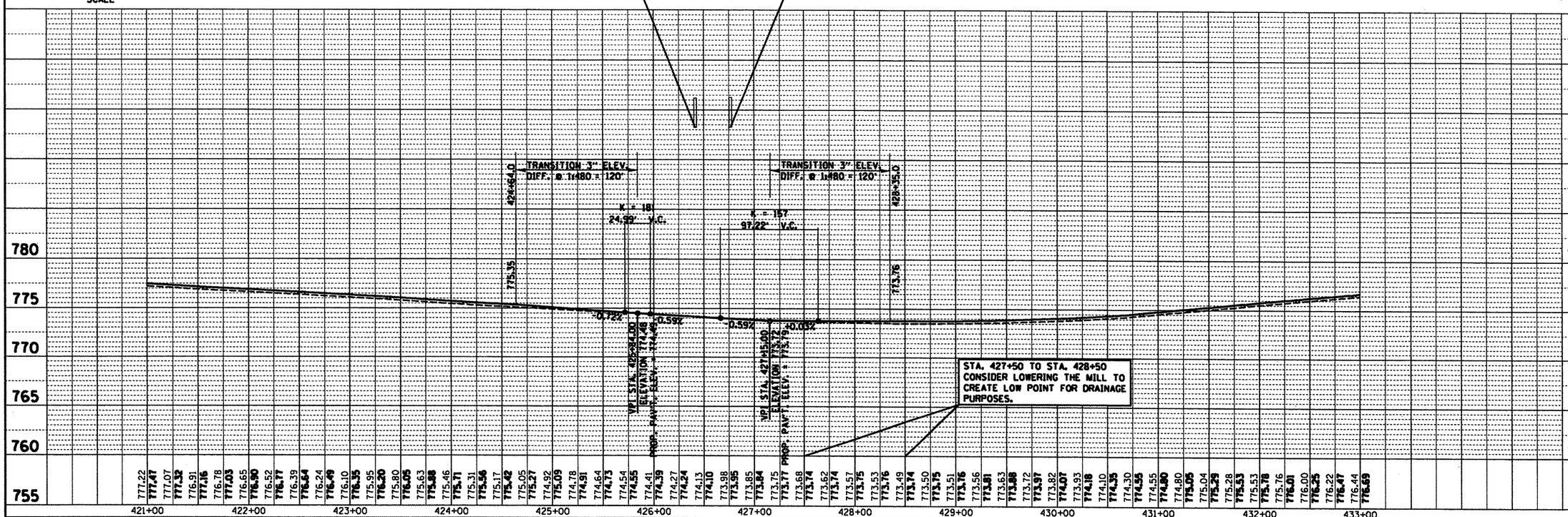
RT. STA. 424+39 TO STA. 429+00
PIPE UNDERDRAINS, 4" = 461 FT.
PIPE UNDERDRAIN, 4" (SPL.) = 3 LOC. @ 12.5 FT. = 37.5 FT.
CONC. HDWL. FOR PIPE UNDERDRAINS = 3 EACH

LT. STA. 424+64 TO STA. 428+35
PIPE UNDERDRAINS, 4" = 371 FT.
PIPE UNDERDRAIN, 4" (SPL.) = 3 LOC. @ 16.5 FT. = 49.5 FT.
CONC. HDWL. FOR PIPE UNDERDRAINS = 3 EACH

STA. 426+41.5
BOTTOM OF BEAM @ P.G.L. = 793.22
PROP. PAV'T. @ P.G.L. = 774.15
PROP. CLEARANCE = 19.07'

STA. 426+76.5
BOTTOM OF BEAM @ P.G.L. = 793.28
PROP. PAV'T. @ P.G.L. = 773.95
PROP. CLEARANCE = 19.33'

0' 50' 100'
SCALE



FILE NAME = D468506-prof-bridge.dgn	USER NAME = bergsiekerae	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN & PROFILE DETAIL UNDER SN 048-0048
I-74 WESTBOUND LANES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(48-27)R,RS-4	KNOX	103	43

CONTRACT NO. 68506
ILLINOIS FED. AID PROJECT

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTAT'NS CH'KED
BY
DATE