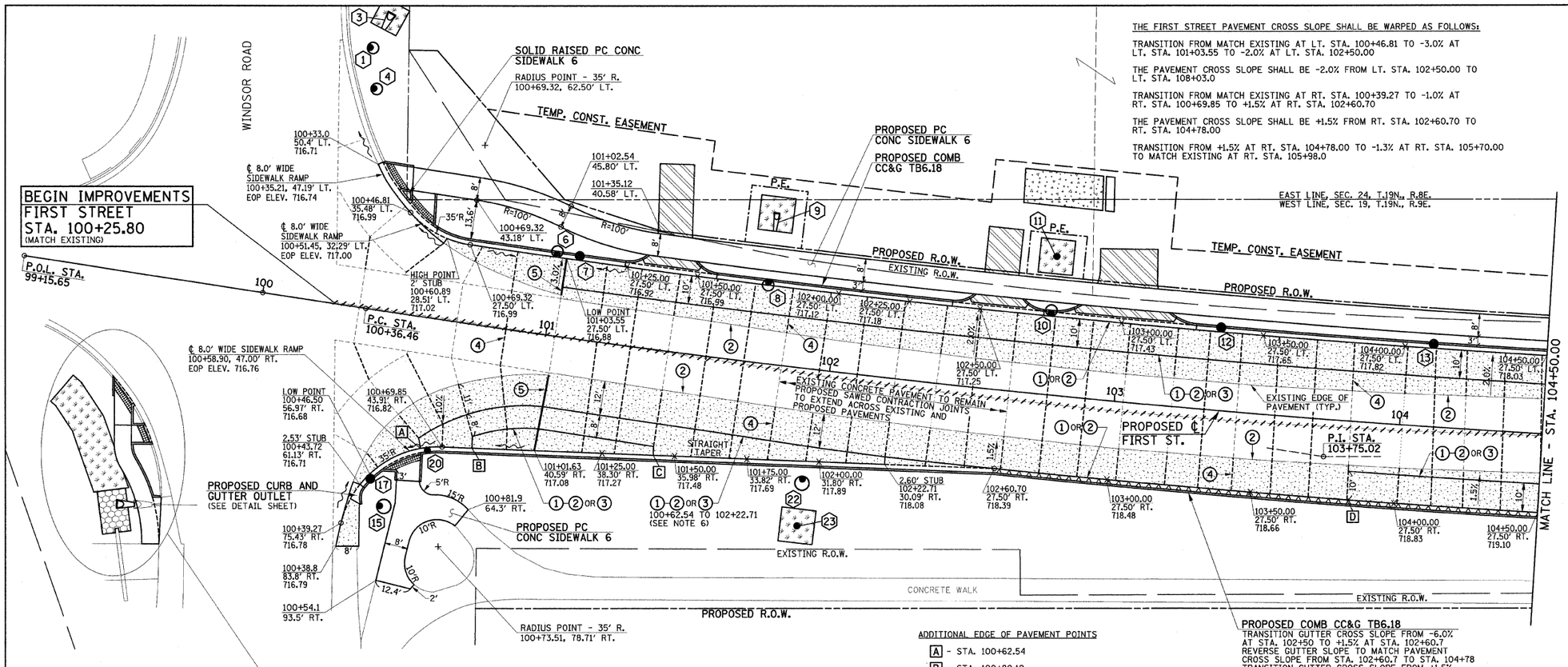
CONTRACT NO. 91397



THE FIRST STREET PAVEMENT CROSS SLOPE SHALL BE WARPED AS FOLLOWS:

TRANSITION FROM MATCH EXISTING AT LT. STA. 100+46.81 TO -3.0% AT LT. STA. 101+03.55 TO -2.0% AT LT. STA. 102+50.00

THE PAVEMENT CROSS SLOPE SHALL BE -2.0% FROM LT. STA. 102+50.00 TO LT. STA. 108+03.0

TRANSITION FROM MATCH EXISTING AT RT. STA. 100+39.27 TO -1.0% AT RT. STA. 100+69.85 TO +1.5% AT RT. STA. 102+60.70

THE PAVEMENT CROSS SLOPE SHALL BE +1.5% FROM RT. STA. 102+60.70 TO RT. STA. 104+78.00

TRANSITION FROM +1.5% AT RT. STA. 104+78.00 TO -1.3% AT RT. STA. 105+70.00 TO MATCH EXISTING AT RT. STA. 105+98.0

N

0' 20' 40'
SCALE: 1" = 20'

PROPOSED ℄ FIRST STREET CURVE DATA

P.I. STA. 103+75.02
Δ = 8°49'12"
D = 1°18'19"
T = 338.57'
R = 4390.00'
L = 675.79'
E = 13.04'
P.C. STA. 100+36.46
P.T. STA. 107+12.25
S.E. = SEE PROPOSED TYPICAL SECTIONS AND INTERSECTION DETAILS

ADDITIONAL EDGE OF PAVEMENT POINTS

A - STA. 100+62.54
B - STA. 100+80.12
C - STA. 101+42.64
D - STA. 103+83.60

(SEE PROPOSED TYPICAL SECTIONS FOR ADDITIONAL INFORMATION)

PAVEMENT JOINT KEY

1. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 x 30" EPOXY COATED TIE BARS AT 24" CENTERS FORMED IN PLACE (STD. 420001)
2. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 x 24" EPOXY COATED TIE BARS AT 24" CENTERS DRILLED AND GROUTED IN PLACE (STD. 420001) (PREFORMED HOLES WITH GROUTED TIE BARS WILL NOT BE ALLOWED)
3. SAWED LONGITUDINAL JOINT WITH NO. 6 x 30" EPOXY COATED TIE BARS AT 30" CENTERS (STD. 420001)
4. SAWED TRANSVERSE CONTRACTION JOINT WITH 1" DIA. x 18" EPOXY COATED DOWEL BARS AT 12" CENTERS (STD. 420001)
5. 1" EXPANSION JOINT WITH 1" DIA. x 18" EPOXY COATED DOWEL BARS AT 12" CENTERS (STD. 420001) (NOTE : EXPANSION JOINT WIDTH MODIFIED FROM STD. 420001)

LEGEND

- PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- PROPOSED PCC DRIVEWAY PAVEMENT (6" FOR P.E. - 8" FOR C.E.)
- PROPOSED SIDEWALK RAMP DETECTABLE WARNINGS (SEE DETAIL SHEET)
- PROPOSED SODDING
- PROPOSED REVERSE GUTTER SLOPE
- STRUCTURE NUMBER (SEE PLAN/PROFILE SHEETS)
- PROPOSED 1" TRANSVERSE EXPANSION JOINT (WITH DOWEL BARS - SEE STANDARD 420001)
- PROPOSED LONGITUDINAL JOINTS
- PROPOSED TRANSVERSE CONTRACTION JOINTS
- STAGE CONSTRUCTION LIMITS
- PROPOSED INLETS
- PROPOSED MANHOLES

SEE SHEET 24 FOR PAVEMENT JOINT NOTES.

FILE NAME = p:\c0010461\plans\sheets\intdetails.dgn	DESIGNED - R.L.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
PLOT DATE = 2/6/2009 11:05:56 AM	DRAWN - J.L.B.	REVISED -	
	CHECKED - J.T.P.	REVISED -	
	DATE - 2-09	REVISED -	

INTERSECTION DETAILS AND PAVEMENT JOINT PLANS

SCALE : 1"=20' | SHEET NO. 23 OF 44 SHEETS | STA. 100+00.00 TO STA. 104+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7170	08-00277-00-PV	CHAMPAIGN	44	23
		CONTRACT NO. 91397		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT HD-5181 (044)		

CITY OF CHAMPAIGN SECTION NO. 08-00277-00-PV CHAMPAIGN COUNTY

C0010461