# DRAINAGE DETAILS

BOTANICAL AREA
STA 672+50 LT TO STA 678+50 LT

STA. 676+20 52.19' LT
INLET SPECIAL NO.4
WEIR ELEV.= 681.55

STA. 673+50 46.50' LT
INLET SPECIAL T9 F&G
GRATE ELEV.= 690.84

STA 676+40.61 (IL RTE 2)
STA 70+00 (STRONGHOLD ENTRANCE)

STA. 673+50 37.75' LT
INLET SPECIAL NO.3
WEIR ELEV.= 685.49

STA. 675+50 37.75' LT
INLET SPECIAL NO.4
WEIR ELEV.= 683.00

BOTANICAL AREA
STA 679+00 LT TO STA 704+00 LT

STA. 678+70 @ 35° SKEW
REMOVAL OF EXISTING STRUCTURE NO. 7 (12' x 3' CONCRETE BOX CULVERT) @ STA. 678+02
2-125'-6" 7' x 3' CAST IN PLACE CONCRETE BOX CULVERT
83' LT - 42'-6" RT
℄ 675.27 - 674.33 @ 0.75%
CAST IN PLACE END SECTIONS LT & RT

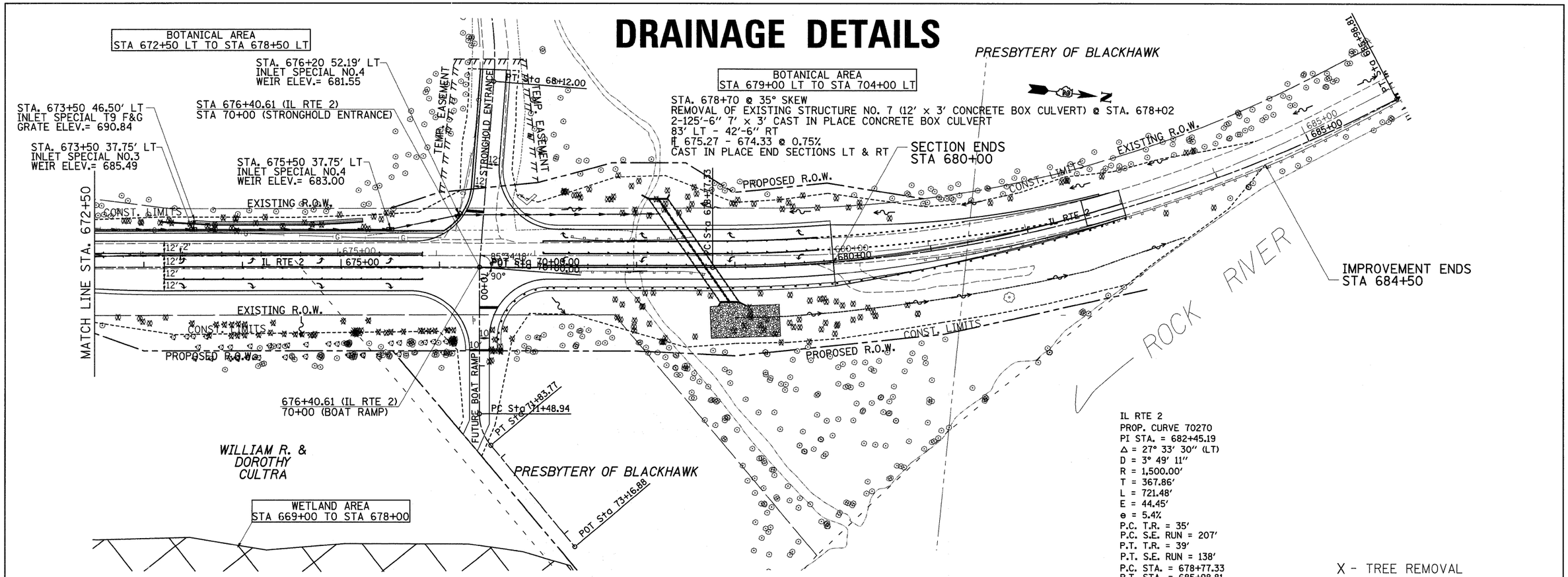
SECTION ENDS
STA 680+00

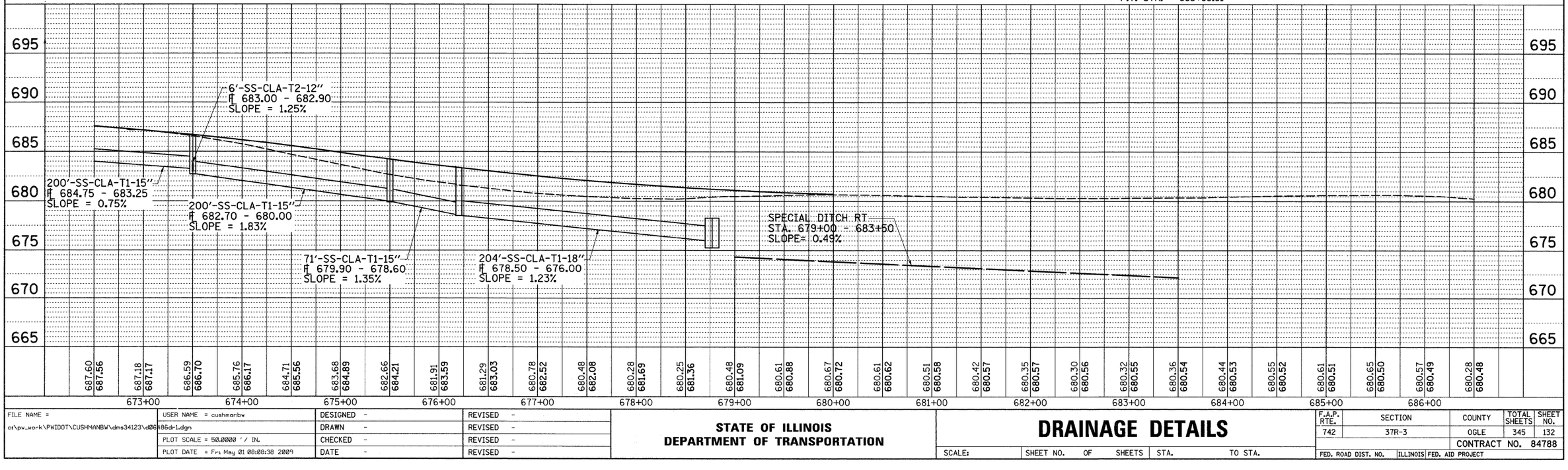
IMPROVEMENT ENDS
STA 684+50

IL RTE 2
PROP. CURVE 70270
PI STA. = 682+45.19
Δ = 27° 33' 30" (LT)
D = 3° 49' 11"
R = 1,500.00'
T = 367.86'
L = 721.48'
E = 44.45'
e = 5.4%
P.C. T.R. = 35'
P.C. S.E. RUN = 207'
P.T. T.R. = 39'
P.T. S.E. RUN = 138'
P.C. STA. = 678+77.33
P.T. STA. = 685+98.81

X - TREE REMOVAL

WETLAND AREA
STA 669+00 TO STA 678+00




PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
GRADES CHECKED
BEAM NOTED
CROSS SECTIONS CHKD
CAD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
BEAM NOTED
PICTURE NOTATIONS CHKD
BY
DATE

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\PWIDOT\CUSHMANBW\dms34123\d0648 6dr1.dgn | USER NAME = cushmanbw | DESIGNED - | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = 50.0000 ' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = Fri May 01 08:08:38 2009 | DATE - | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS**

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

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 742 | 37R-3 | OGLE | 345 | 132 |
| | | CONTRACT NO. 84788 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |