TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	STP-SIP-109(30)	4C
CONST.	2014	PHSIP/STP-SIP-NH-109(30)	4C

DRAINAGE/ HYDRAULIC DATA FOR BRIDGE

STATION 101+82.63 STREAM NAME DONOHO BRANCH

STREAM BED LINING: MUD

DIRECTION OF FLOW LEFT

DRAINAGE AREA 719± AC. ; (X) FLAT ( ) ROLLING ( ) HILLY ( ) MTNS.

PRESENT STRUCTURE: SPAN 113.34′ HEIGHT 5′ STRUCTURE DOUBLE 10′ X 5′ BOX

BEGIN STATION-OFFSET 101+70.11 END STATION-OFFSET 101+95.14

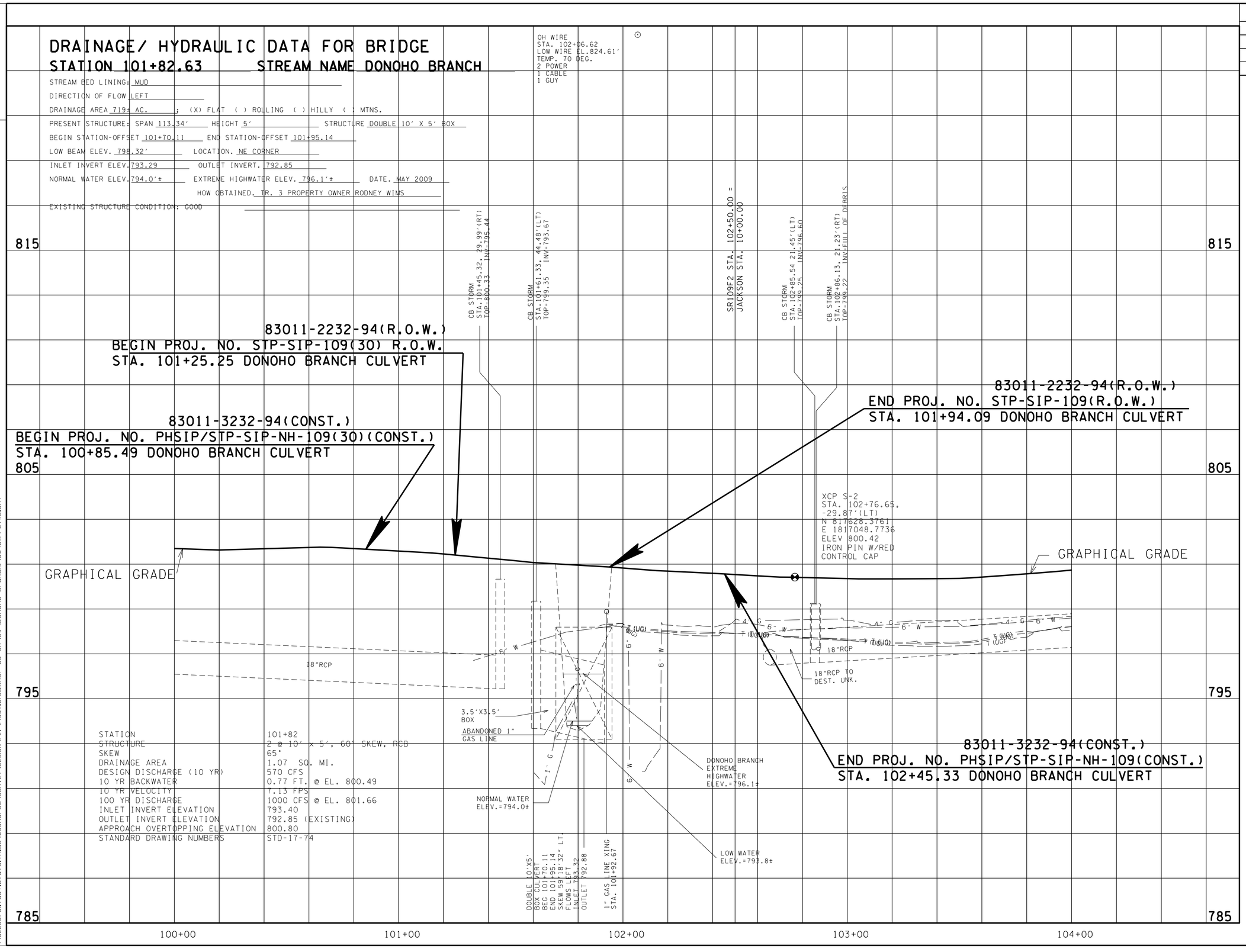
LOW BEAM ELEV. 798.32′ LOCATION. NE CORNER

INLET INVERT ELEV. 793.29 OUTLET INVERT. 792.85

NORMAL WATER ELEV. 794.0′± EXTREME HIGHWATER ELEV. 796.1′± DATE. MAY 2009

HOW OBTAINED. TR. 3 PROPERTY OWNER RODNEY WIMS

EXISTING STRUCTURE CONDITION: GOOD



STATION	101+82
STRUCTURE	2 @ 10′ x 5′, 60° SKEW, RCB
SKEW	65°
DRAINAGE AREA	1.07 SQ. MI.
DESIGN DISCHARGE (10 YR)	570 CFS
10 YR BACKWATER	0.77 FT. @ EL. 800.49
10 YR VELOCITY	7.13 FPS
100 YR DISCHARGE	1000 CFS @ EL. 801.66
INLET INVERT ELEVATION	793.40
OUTLET INVERT ELEVATION	792.85 (EXISTING)
APPROACH OVERTOPPING ELEVATION	800.80
STANDARD DRAWING NUMBERS	STD-17-74

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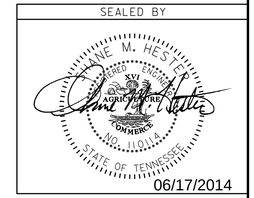

06/17/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.100+13.73 TO STA.102+45.33

SCALE: 1"= 20′ HORIZ.
1"= 2′ VERT.

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