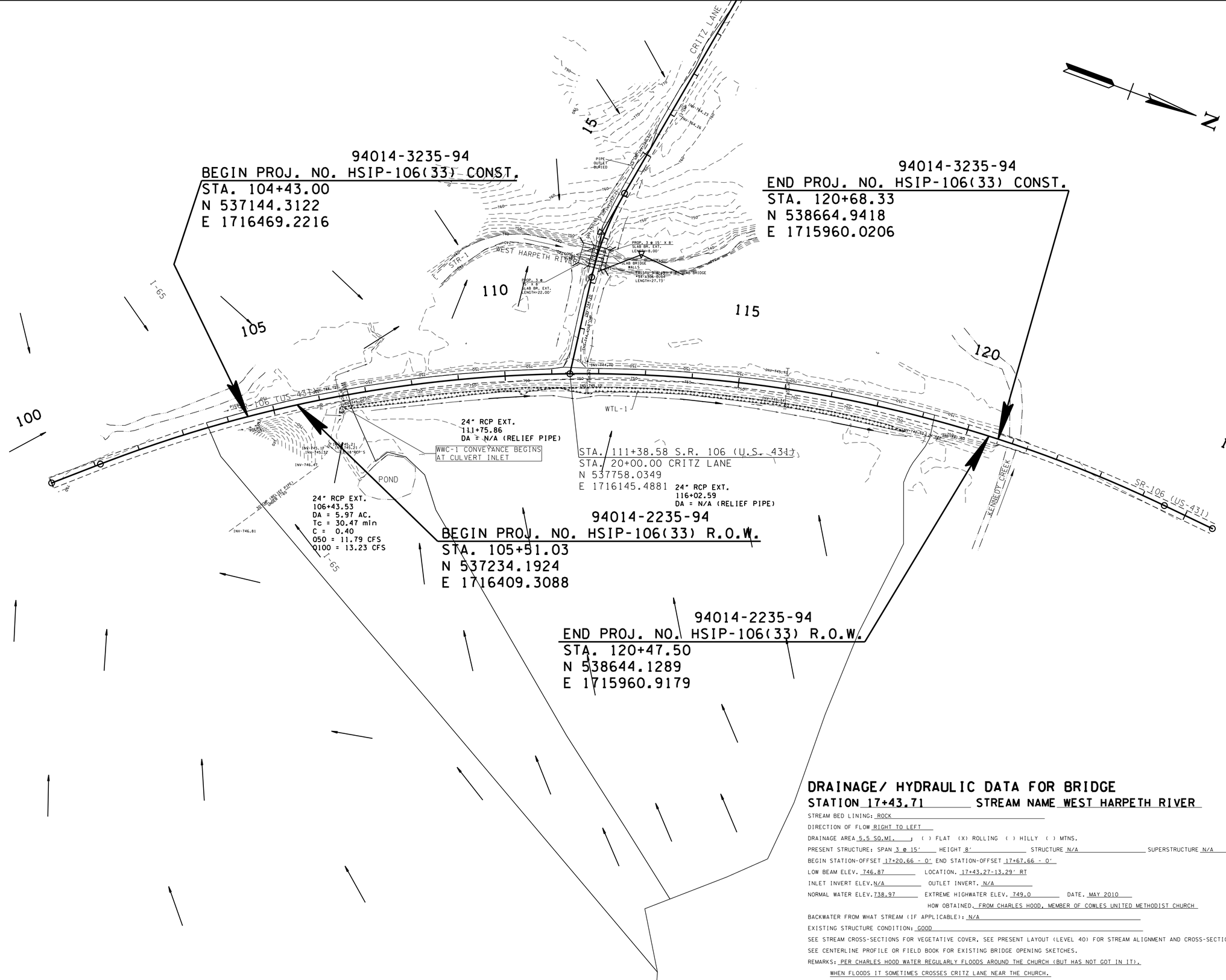
| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| R.O.W. | 2015 | HSIP-106(33) | 7 |
| CONST. | 2017 | HSIP-106(33) | 8 |
| | | | |
| | | | |




## DRAINAGE/ HYDRAULIC DATA FOR BRIDGE

STATION 17+43.71 STREAM NAME WEST HARPETH RIVER

STREAM BED LINING: ROCK

DIRECTION OF FLOW RIGHT TO LEFT

DRAINAGE AREA 5.5 SQ.MI. ; ( ) FLAT (X) ROLLING ( ) HILLY ( ) MTNS.

PRESENT STRUCTURE: SPAN 3 @ 15' HEIGHT 8' STRUCTURE N/A SUPERSTRUCTURE N/A

BEGIN STATION-OFFSET 17+20.66 - 0' END STATION-OFFSET 17+67.66 - 0'

LOW BEAM ELEV. 746.87 LOCATION. 17+43.27-13.29' RT

INLET INVERT ELEV. N/A OUTLET INVERT. N/A

NORMAL WATER ELEV. 738.97 EXTREME HIGHWATER ELEV. 749.0 DATE. MAY 2010

HOW OBTAINED. FROM CHARLES HOOD, MEMBER OF COWLES UNITED METHODIST CHURCH

BACKWATER FROM WHAT STREAM (IF APPLICABLE): N/A

EXISTING STRUCTURE CONDITION: GOOD

SEE STREAM CROSS-SECTIONS FOR VEGETATIVE COVER. SEE PRESENT LAYOUT (LEVEL 40) FOR STREAM ALIGNMENT AND CROSS-SECTION LOCATIONS.

SEE CENTERLINE PROFILE OR FIELD BOOK FOR EXISTING BRIDGE OPENING SKETCHES.

REMARKS: PER CHARLES HOOD WATER REGULARLY FLOODS AROUND THE CHURCH (BUT HAS NOT GOT IN IT). WHEN FLOODS IT SOMETIMES CROSSES CRITZ LANE NEAR THE CHURCH.

SEALED BY

COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00008 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

# DRAINAGE MAP

STA.104+43 TO STA.120+68.54

SCALE: 1"=100'

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