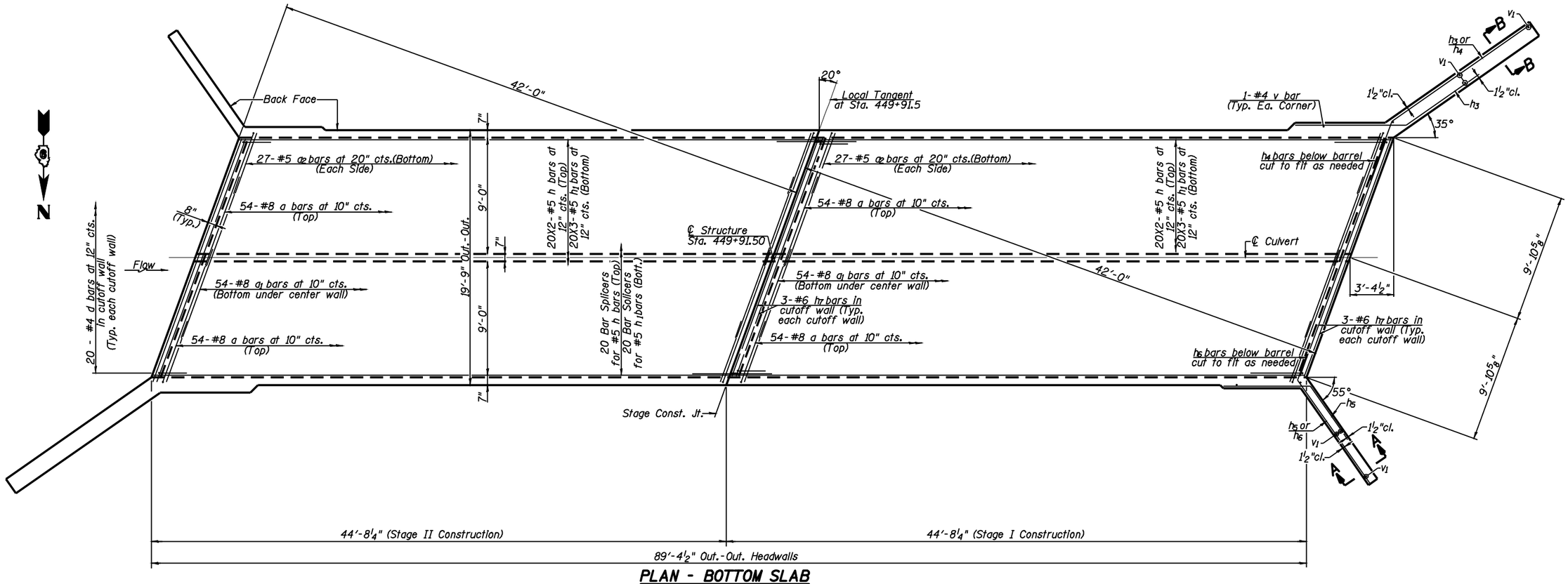


## PLAN - BOTTOM SLAB

### MIN. BAR LAPS

#5 bars = 1'-8"
#8 bars = 4'-6"

For Section A-A & B-B see Sheet 5 of 9.

Bars indicated thus 20 x 2 #5 etc. indicates 20 lines of bars with 2 lengths per line.

A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.

## CULVERT DETAILS
## STRUCTURE NO. 059-7101


Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL.
62703 Phone: (217)544-8033 IL. Design Firm
No. 184-001907


SHEET NO. 6
9 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 662 | D(W-3,RS-11,CR) | MACOUPIN | 102 | 69 |
| | | CONTRACT NO. 72765 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |