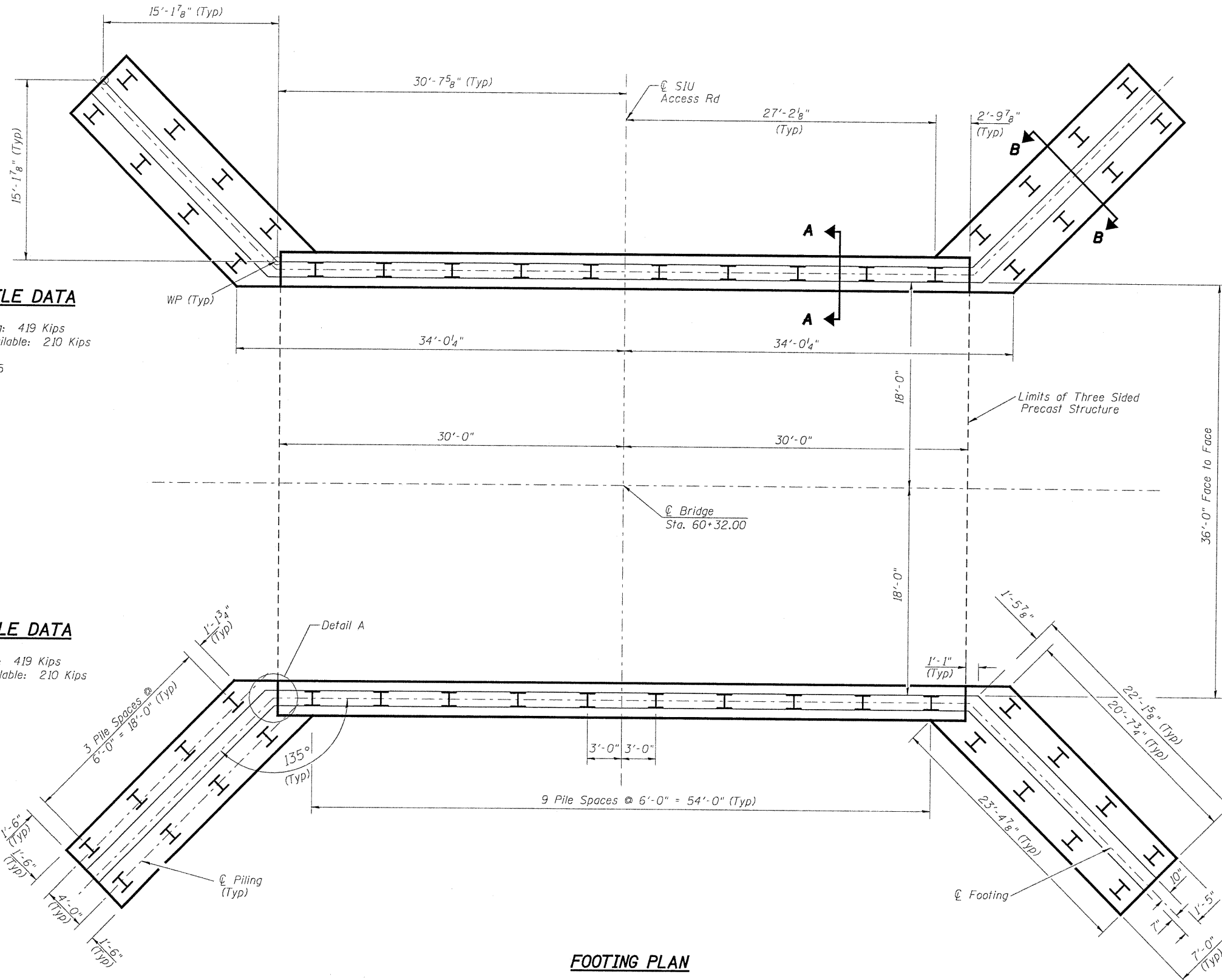


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
3. The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at substructures specified or approved by the Engineer before ordering the remainder of piles.
4. See sheet 3 of 6 for Sections A-A, B-B, and Detail A.
5. Reinforcement bars designated (E) shall be epoxy coated.



W. ABUTMENT PILE DATA

Type: HP 12 X 53
Nominal Required Bearing: 419 Kips
Factored Resistance Available: 210 Kips
Est. Length: 38'
No. Production Piles: 25
No. Test Piles: 1

E. ABUTMENT PILE DATA

Type: HP 12 X 53
Nominal Required Bearing: 419 Kips
Factored Resistance Available: 210 Kips
Est. Length: 33'
No. Production Piles: 25
No. Test Piles: 1

FOOTING PLAN

**FOOTING PLAN
STRUCTURE NO. 039-3268**

| | |
|----------|-----------|
| DESIGNED | MEB |
| CHECKED | AJW |
| DRAWN | MLK & AJW |
| CHECKED | CJC |

HR
HURST-ROSCHÉ
ENGINEERS, INC.
PROFESSIONAL DESIGN NUMBER: 184-000298

| SHEET NO. 2 | S.B.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-------------|----------------|---------|--------------|-----------|
| 6 SHEETS | 2 | 05-00002-00-RP | JACKSON | 35 | 18 |
| CONTRACT NO. 99425 | | | | | |
| FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT | | | | | |

HRE # 365-4048