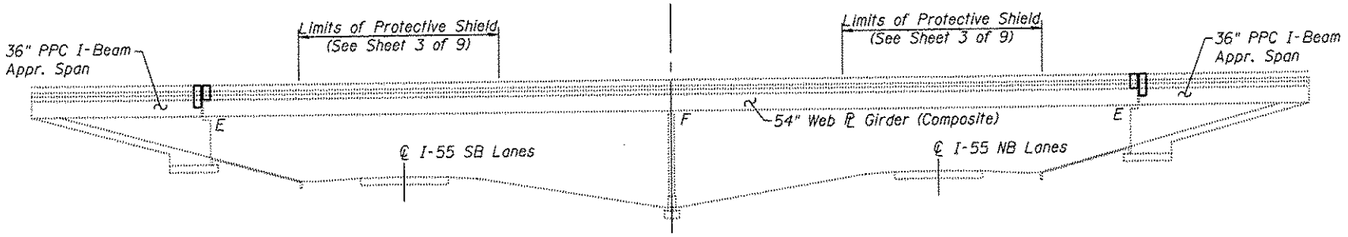
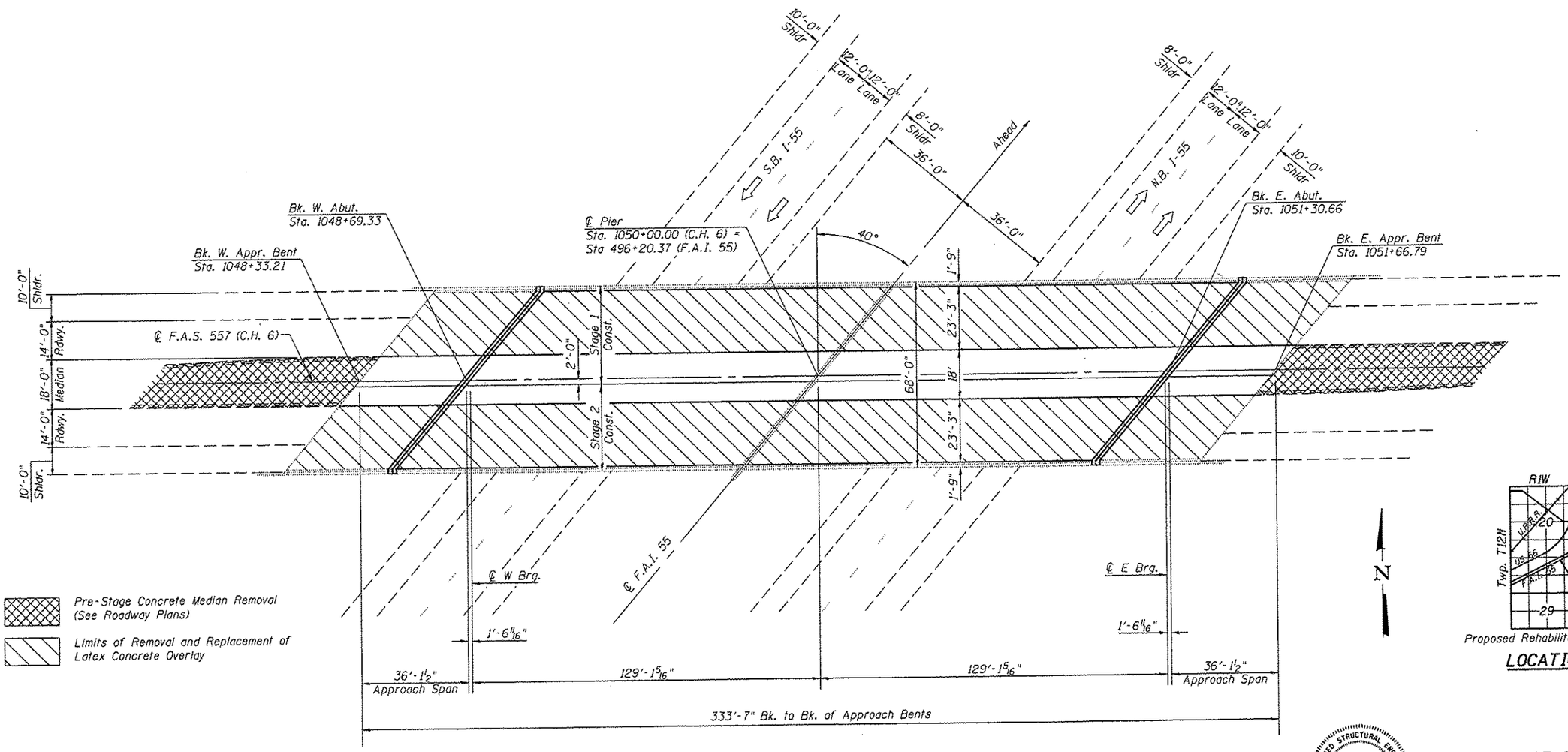
Existing Structure: SN 054-0069, the existing structure is a 4-span vaulted bridge, consisting of a two-span continuous welded steel ℄ girder and two PPC I-beam approach spans. The original structure was built in 1976 as Section 54-6HB-1. The original deck bituminous wearing surface and joints were replaced in 1999 with a microsilica concrete overlay and neoprene expansion joints. The overlay and joints will be replaced, along with additional work specified in the scope of work. Traffic will be maintained utilizing stage construction.

No Salvage

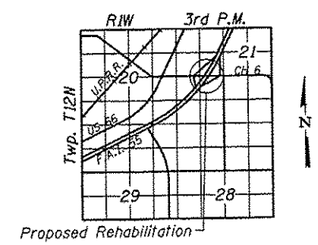
## SCOPE OF WORK

1. Remove neoprene expansion joints at both abutments.
2. Remove existing microsilica concrete overlay.
3. Remove concrete at both abutment expansion joints.
4. Perform bridge deck scarification.
5. Complete deck slab repairs.
6. Install new concrete and strip seal joints at both abutments.
7. Construct new latex concrete overlay.




PLAN




LOCATION SKETCH

MICHAEL D. CUMMINS 4822 SPRINGFIELD LICENSED STRUCTURAL ENGINEER STATE OF ILLINOIS

Michael D. Cummins 3/18/13
(Expires 11/30/14)

GENERAL PLAN
C.H. 6 OVER I-55
SECTION D6 LOGAN CO BR 2011-1
LOGAN COUNTY
STATION 496+20.37
STRUCTURE NO. 054-0069

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2236.10 | DESIGNED - AAN | REVISED - |
| | FILE = 0540069-72E11-001-GPE.dgn | CHECKED - ENV | REVISED - |
| | DATE = 2/12/2013 | DRAWN - SJS | REVISED - |
| | | CHECKED - MDC | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
STRUCTURE NO. 054-0069
SHEET NO. 1 OF 9 SHEETS

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 55 | D6 LOGAN CO BR 2011-1 | LOGAN | 429 | 375 |
| | | CONTRACT NO. 72E11 | | |
| | | ILLINOIS FED. AID PROJECT | | |