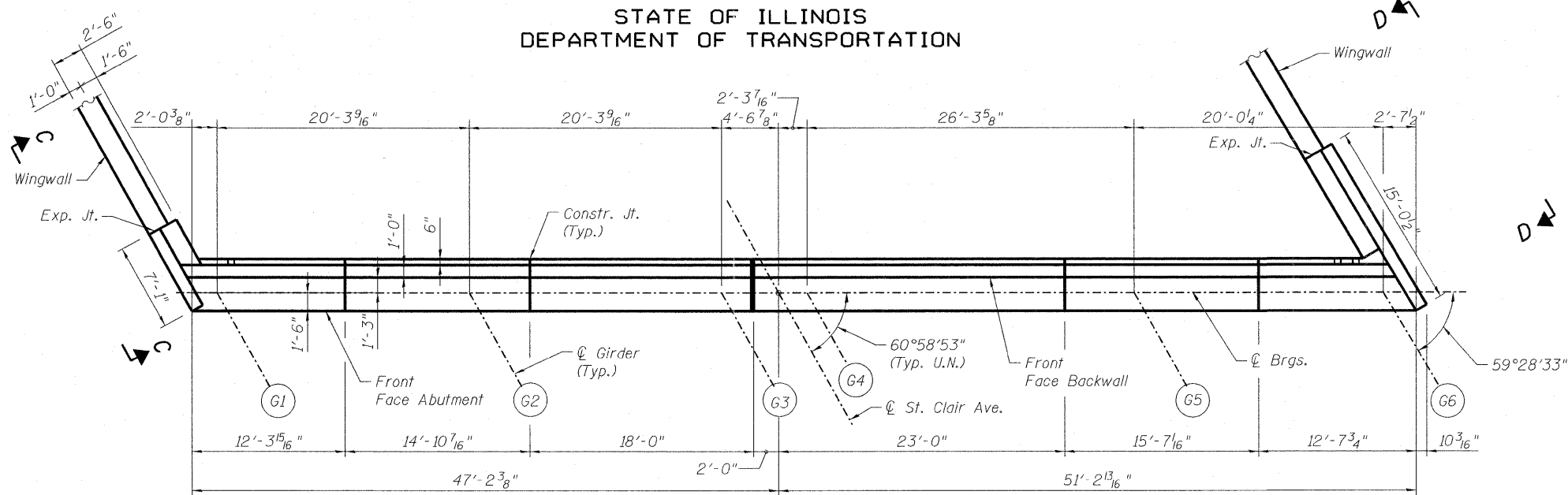
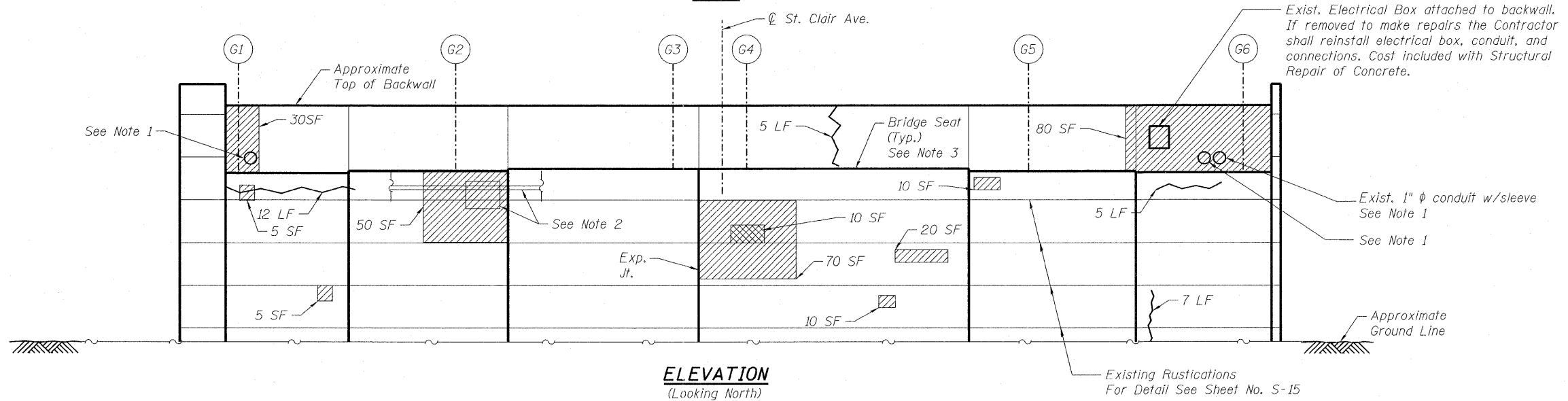


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

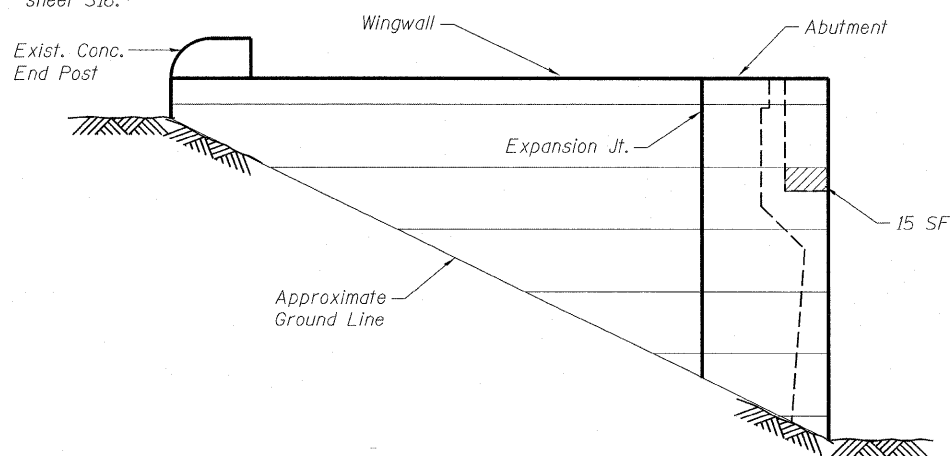


PLAN

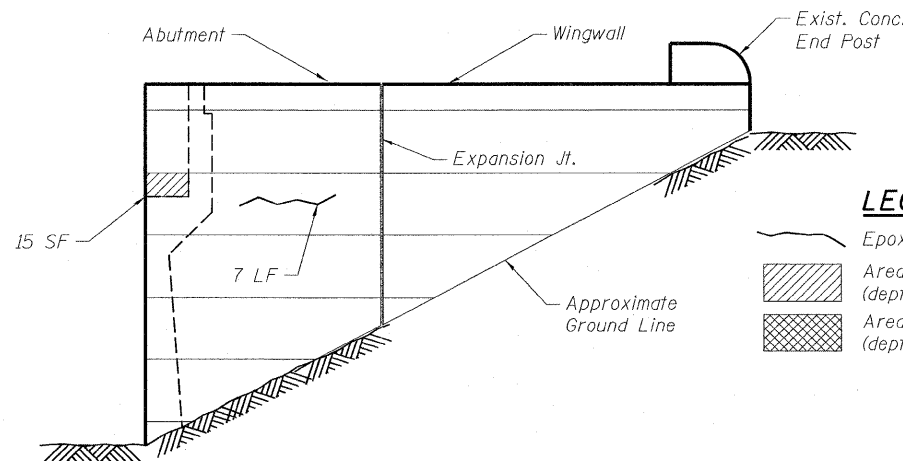


ELEVATION  
(Looking North)

- NOTES:
- Denotes existing 2" Ø conduit with sleeve thru the backwall unless noted otherwise. The Contractor shall protect the conduit during repair work and replace at no additional cost if damaged by the Contractor. Cost included with Structural Repair of Concrete.
  - The Contractor is advised that conduit and luminaries are attached to the front face of abutment. The Contractor shall field verify location of existing conduits and luminaries to avoid any damage. The Contractor shall coordinate the abutment repair work with the removal of the existing underpass lighting system under Contract 76C54. The cost for this work shall be included in the Unit Price for Structural Repair of Concrete.
  - The Contractor shall clean all debris, scrap steel plates, stone, bituminous material, chunks of concrete etc. from the bridge seats, and around existing bearings. Cost included with Structural Repair of Concrete.
  - Superstructure and deck not shown for clarity.
  - Concrete Sealer shall be applied to front face of abutment, backwall, and bridge seat.
  - For Epoxy Crack Injection, Expansion joint, and Rustication Details see sheet S16.



VIEW C-C



VIEW D-D

(Proposed parapet and parapet mounted fence not shown for clarity)

LEGEND

- Epoxy Crack Injection
- Area of structural repair of concrete (depth equal to or less than 5")
- Area of structural repair of concrete (depth greater than 5")

BILL OF MATERIAL

Item	Unit	Quantity
Structural repair of concrete (depth equal to or less than 5")	Sq Ft	310
Structural repair of concrete (depth greater than 5")	Sq Ft	10
Epoxy Crack Injection	Foot	36
Concrete Sealer	Sq. Ft.	2,430

NORTH ABUTMENT REPAIR  
STRUCTURE NO. 082-0099

DESIGNED - WLB
CHECKED - EJO
DRAWN - JHR
CHECKED - EJO

SHEET NO. S17 S20 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	255
	F.A.U. 9166 / F.A.U. 9180		CONTRACT NO. 76C51		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		