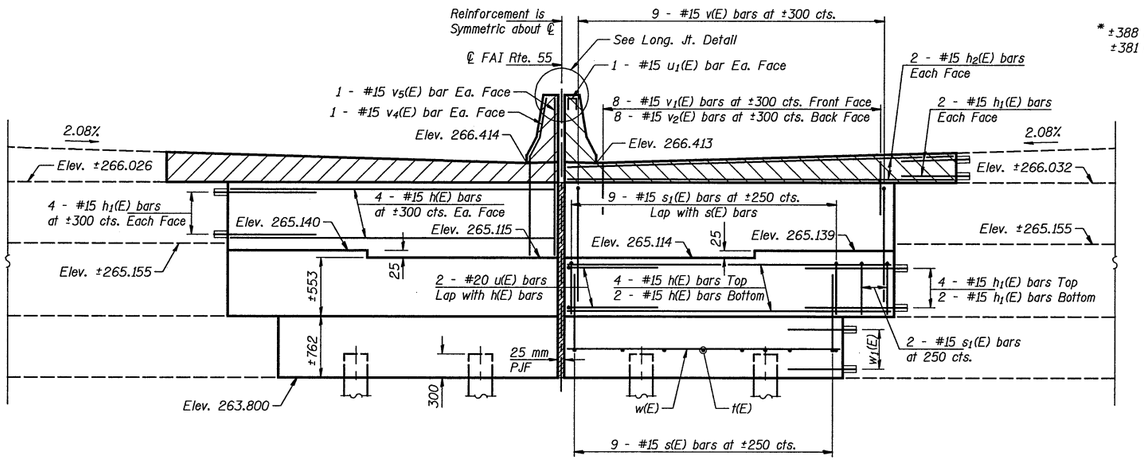
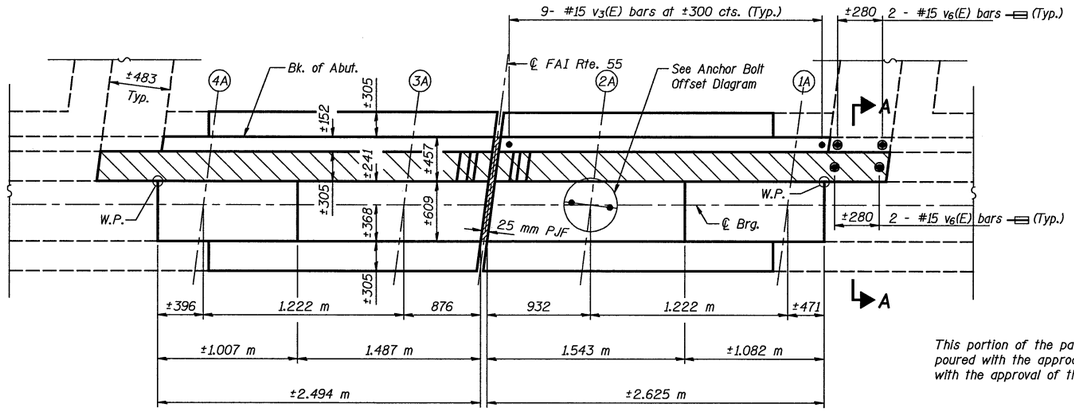
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	•	McLEAN	310	193
FED. ROAD DIST. NO. 7	ILLINOIS	FAP		

*(57-4)R, HBY, HBR, (57-4VB)DM
Contract No. 70757

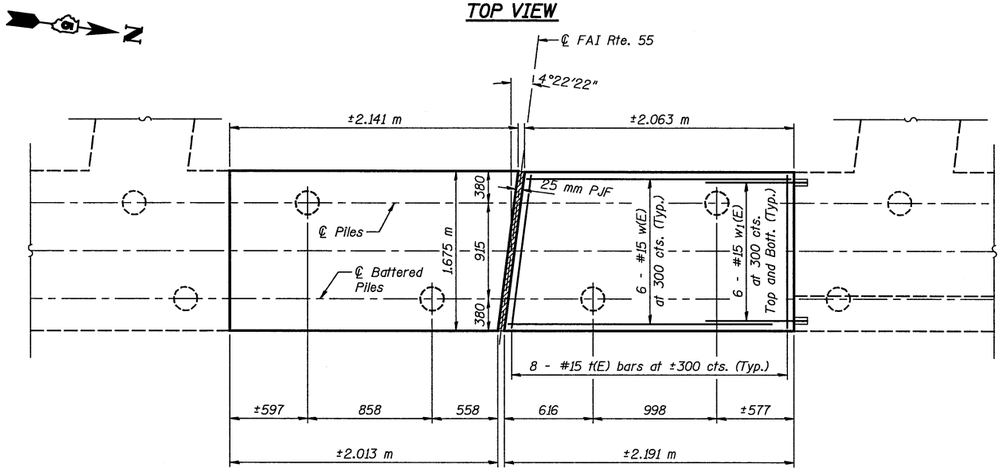


* ±388 min. (South)
±381 min. (North)

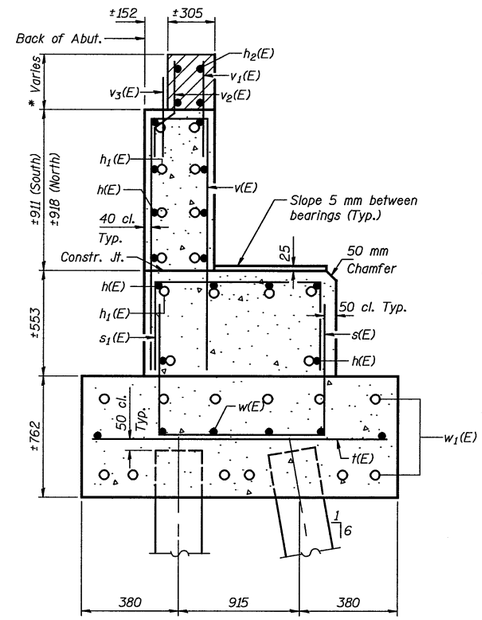
ELEVATION



TOP VIEW

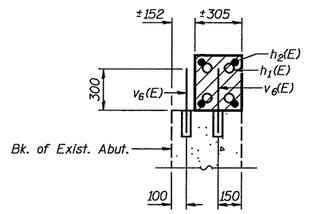


FOOTING PLAN

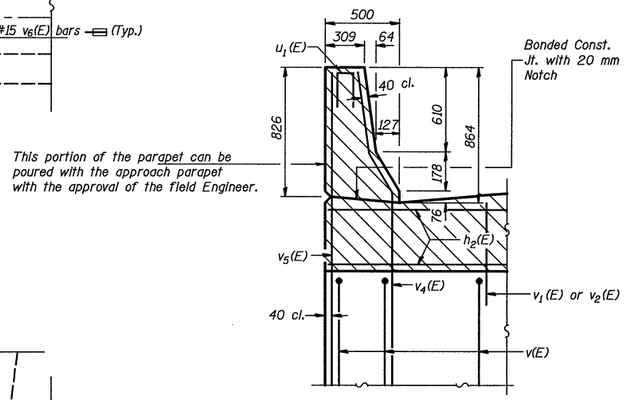


SECTION THROUGH WIDENED ABUTMENT

at right angles



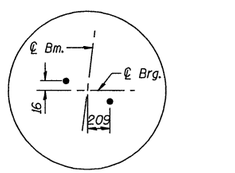
SECTION A-A



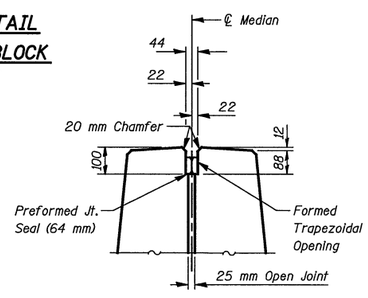
This portion of the parapet can be poured with the approach parapet with the approval of the field Engineer.

PARAPET DETAIL AT HATCHED BLOCK

at right angles



ANCHOR BOLT OFFSET DIAGRAM



LONG. JT. DETAIL

NOTES

Denotes bars that are to be epoxy grouted into drilled holes. The center of the hole is to be drilled a minimum of 100 mm from the face of the existing structure. All holes shall be drilled to a depth of 230 mm with a 22 mm diameter. See Section 584 of the Standard Specifications.

Cost of 25 mm PJF is included with Concrete Structures.

Hatched areas shall be poured after superstructure is in place. Quantity is included with Concrete Superstructure on Sheet 11 of 24.

All dimensions are in millimeters (mm) except as noted.

See Sheet 18 of 24 for Concrete Removal Details, Bar Details and Bill of Material.

Pour steps monolithically with cap.

Space reinforcement in cap to miss anchor bolts.

See Sheet 24 of 24 for Pile Details.

Concrete sealer shall be applied to the exposed face of the proposed backwall and cap and to the top of the proposed cap.

PILE DATA

Type & Size: Metal pile shell 305 mm x 4.55 mm walls
Nominal Required Bearing: 930 kN
Allowable Resistance Available: 310 kN
Est. Length: 9.0 m
No. Required: 4 (Two Abutments)

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE: WEST ABUTMENTS

PROJECT: F.A.I. 55 OVER BUSINESS U.S. 51
SECTION 57-4HBR-4 STATION 37+474.206
McLEAN COUNTY
STRUCTURE NO. 057-0024 (N.B.) &
STRUCTURE NO. 057-0025 (S.B.)

PROJECT NO. 08049-5
SCALE
DATE 07/15/2009
DRAWN BY TFG/CFC
CHECKED BY CME/MCB
DRAWING NO. 17 OF 24 SHTS

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

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