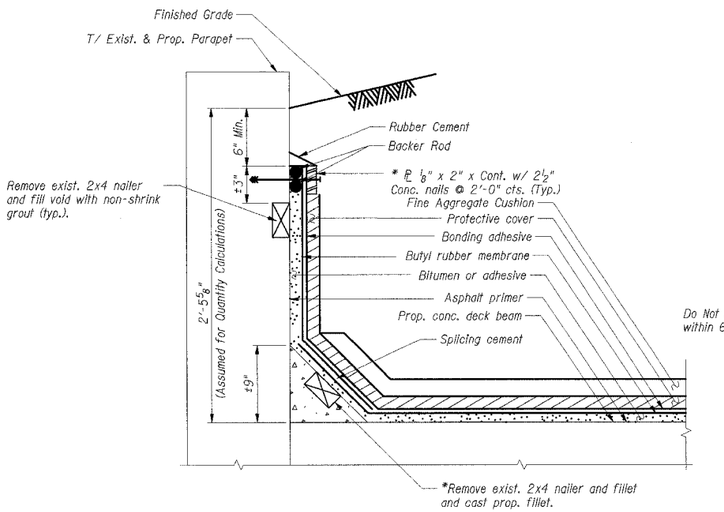
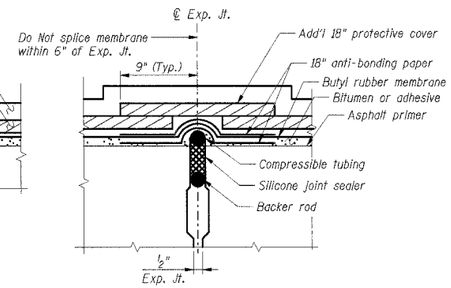
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	*	COOK	916	576
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62304
*(1516.1, 1717, & 1818) R-4



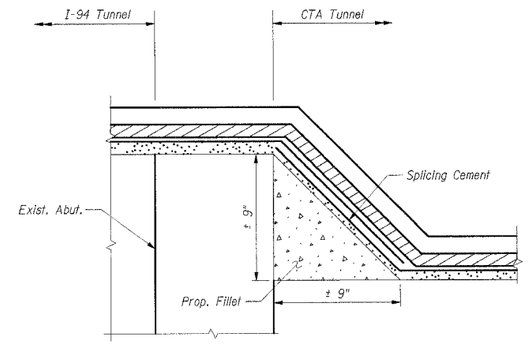
AT PARAPET

*Cost included with Membrane Waterproofing (Special)

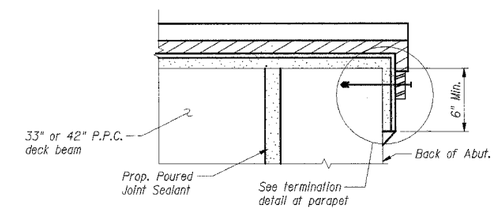


SECTION A-A
AT EXPANSION JOINT

Diameter of backer rod and compressible tubing to be 25% greater than joint opening at time of installation. The cost of the compressible tubing is included with Silicone Bridge Joint Sealer.



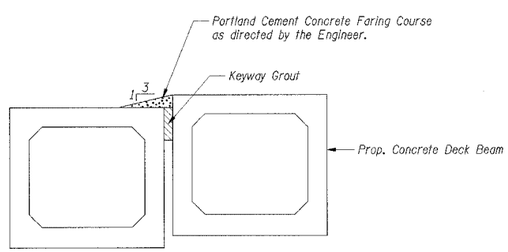
AT COMMON ABUTMENT



ABUTMENTS A, B, C, & D

AT ABUTMENT BACKWALL

MEMBRANE WATERPROOFING



CONCRETE FARING COURSE DETAIL

NOTES:

1. Prior to removing existing deck beams, existing waterproofing system asphalt planks and loose and de-bonded areas of the existing waterproofing membrane system shall be removed. The cost of removal and disposal of the existing waterproofing membrane system is included with Membrane Waterproofing (Special). See Special Provision for Membrane Waterproofing (Special).
2. The Contractor shall coordinate membrane waterproofing installation with the Construction Staging shown on the Roadway Plans, according to the Special Provisions, and as directed by the Engineer. The Contractor shall make such provisions as necessary to protect previously installed work and shall minimize the number of membrane laps.
3. Proposed fillet shall be Class SI Concrete. The cost of the proposed fillet is included with Membrane Waterproofing (Special).

BILL OF MATERIAL

Item	Unit	Total
Membrane Waterproofing (Special)	Sq Ft	22,173
Portland Cement Mortar Fairing Course	Foot	500
Silicone Joint Sealer, 1.5"	Foot	300
Polymer Concrete	Cu Yd	0.0
Grout Repair	Foot	0.0
Keyway Repair	Foot	0.0

SHT. ST-004

REVISIONS	
NAME	DATE
ADDENDUM 1	05/08/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 57 (INTERSTATE 57) OVER
F.A.I. ROUTE I-94 SB & CTA TRACKS-BRIDGE REPAIRS
SN 016-0073
COOK COUNTY
SECTION (1516.1, 1717, & 1818) R-4
MEMBRANE WATERPROOFING DETAILS

DATE: 05/08/06
DRAWN BY: VV
CHECKED BY: RDS

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE., CHICAGO, IL 60601
TELEPHONE: 312.616.0000

Entire Sheet Revised - 05/08/2006, MDB

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