DETAILS OF BRIDGE APPROACHES

P.C.C. PAVEMENT (16½"-10½"-16½") AND P.C.C. BASE COURSE (16½"-10½"-16½")

DApp=13' ft. width (N. I-11)
15 " I-11

SECTIONAL VIEW METHOD I

SECTIONAL VIEW METHOD II

SECTIONAL VIEW METHOD III
To be used in connection with Vaulted Abutments

SECTION A-A
(Use as a slip joint if fill is dry and clay shall be used at edge of approach)

SECTION A-A
(PCC Pavement Option)

DETAIL "B"
(When bituminous surface is being placed on bridge and approach)

DETAIL "C"
(When bituminous surface is being placed on bridge and approach)

DETAIL "D"
(When bituminous surface is not being placed on bridge and approach)

DETAIL "E"
(When bituminous surface is being placed on bridge and approach)

DETAIL OF MUD JACK CYLINDER
Cylinders shall be Standard Weight Black Steel Pipe.
Mud Jack Cylinders not required for P.C.C. Base Course

OPTIONAL LONGITUDINAL CONSTRUCTION JOINT
As approved by the Engineer, the Contractor may elect to reduce the width of pour by use of the Optional Longitudinal Construction Joint shown. Joint shall be located at the edge of a Traffic Lane.

LONGITUDINAL EXPANSION JOINT
To be used when approach slabs are greater than 24'-0" wide. Joint to be placed at edge of Traffic Lane, parallel to the center of the total width of Approach Slab.

LONGITUDINAL SECTION THRU CENTER OF SLAB

LONGITUDINAL SECTION THRU THICKENED EDGE OF SLAB

SECTIONAL VIEW OF CONCRETE SLAB AND CAP

PLAN METHOD I

PLAN METHOD II

Expanded Metal weighing not less than 75 Lbs. per 100 sq.ft. or a welded bar mat weighing not less than 75 Lbs. per 100 sq.ft. having members of equal size in both directions and spaced not over 6" apart may be used instead of the #2 Welded Wire Fabric, 6"x6", provided the expanded metal or bar mat is furnished at no additional cost to the State.

GENERAL NOTES

FOR P.C.C. PAVEMENT

The slab or slabs will be paid for at the contract unit price for PORTLAND CEMENT CONCRETE PAVEMENT (16½"-10½"-16½").

The concrete cap will be paid for at the contract unit price for CLASS X CONCRETE.

All Reinforcement Bars will be paid for at the contract unit price for REINFORCEMENT BARS, except as noted.

The Welded Wire Fabric, Mud Jack Cylinders, and Preformed Expansion Joint Filler shall be included in the unit price bid for PORTLAND CEMENT CONCRETE PAVEMENT (16½"-10½"-16½").

Preformed Expansion Joint Filler shall conform to Section 129 of the Standard Specification.

Width of Bridge Approach Slab pours shall be determined before the reinforcement bars are fabricated.

FOR P.C.C. BASE COURSE

The slab or slabs will be paid for at the contract unit price for PORTLAND CEMENT CONCRETE BASE COURSE (16½"-10½"-16½").

The concrete cap will be paid for at the contract unit price for CLASS X CONCRETE.

All Reinforcement Bars will be paid for at the contract unit price for REINFORCEMENT BARS, except as noted.

The Welded Wire Fabric, Concrete Headers, and Preformed Expansion Joint Filler shall be included in the unit price bid for PORTLAND CEMENT CONCRETE BASE COURSE (16½"-10½"-16½").

Preformed Expansion Joint Filler shall conform to Section 129 of the Standard Specification.

Width of Bridge Approach Slab pours shall be determined before the reinforcement bars are fabricated.

Note: Where road plans show curb and gutter or gutter adjacent to approach slabs place one #4 Tie bar 2'-6" long at 2'-6" ctrs. Cost of tie bars included in contract unit price for Curb & Gutter or Gutter.

The transition for gutter shall be made in 100 feet and will be paid for as CONCRETE GUTTER, of the type specified.

The transition for curb and gutter shall be made in 20 feet and will be paid for as COMBINATION CURB AND GUTTER, of the type specified.

STANDARD 1909 - 4

OLD

FOR INFORMATION ONLY

STATE OF ILLINOIS DEPARTMENT OF PUBLIC WORKS AND BUILDINGS DIVISION OF HIGHWAYS	REVISIONS BY	DATE
PASSED Dec. 18 '58 — ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES	WAS	2-2-59
APPROVED Dec. 18 '58 — ENGINEER OF DESIGN	CET	10-22-59
	WAS	2-9-61
	WHF	9-17-63

ENTRAN	USER NAME = 2bayerb	DESIGNED - BHS	REVISED -
		CHECKED - GSP	REVISED -
	PLOT SCALE = N/A	DRAWN - MJB	REVISED -
	PLOT DATE = 3/18/2011	CHECKED - GSP	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING APPROACH SLAB DETAILS
S.N. 016-0961
SHEET NO. S11 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	531-4HBK-BR-1	COOK	25	21
		CONTRACT NO. 60L47		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

Dec. 2, 1963

FILE NAME = s:\projects\2102155.00\ba\cadd\structure\016961.60L47.011.Existing Approachdgn

C-61-F