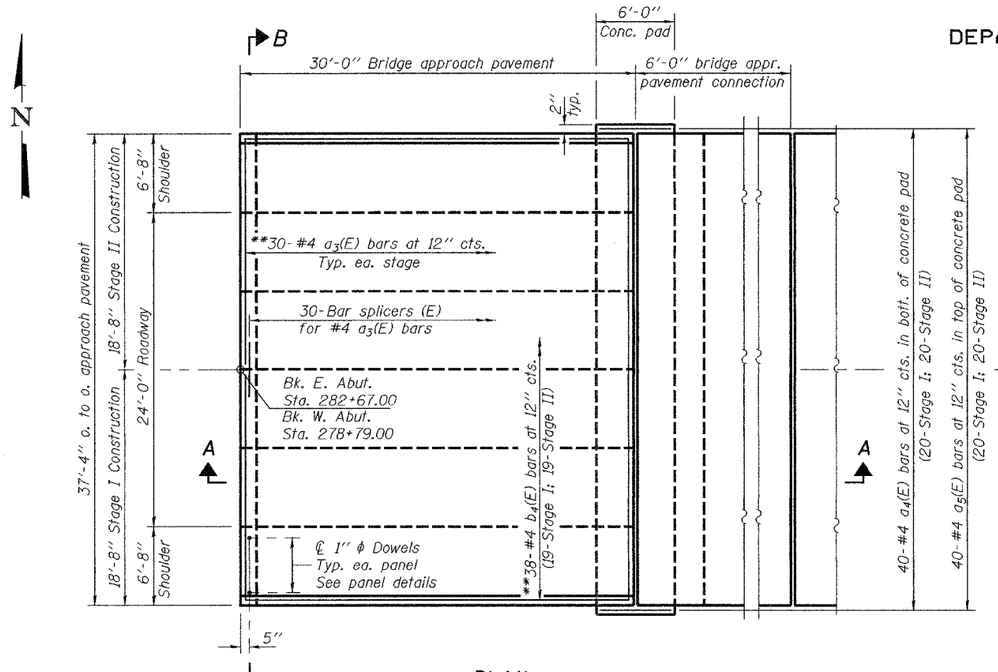
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 789	54BR-1	MADISON	62	46
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

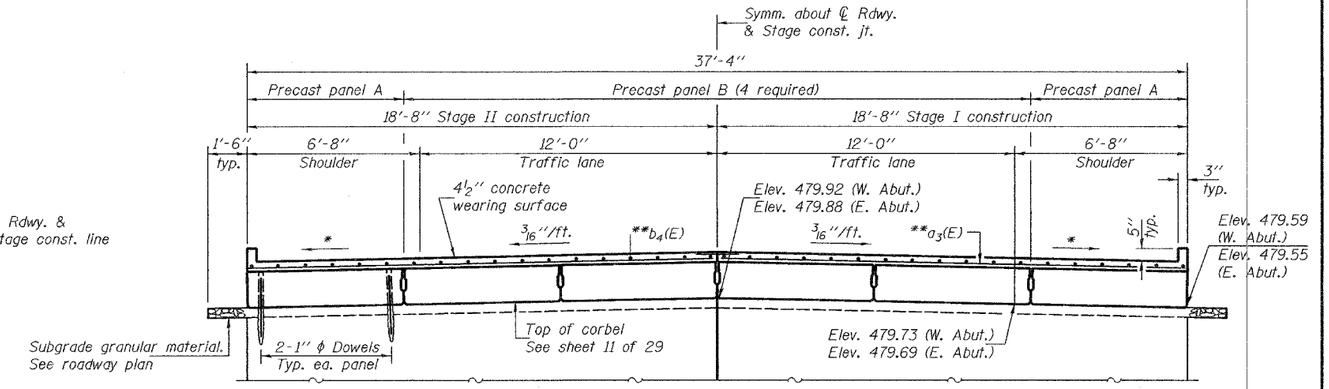
SHEET NO. 22
25 SHEETS

Contract #76864

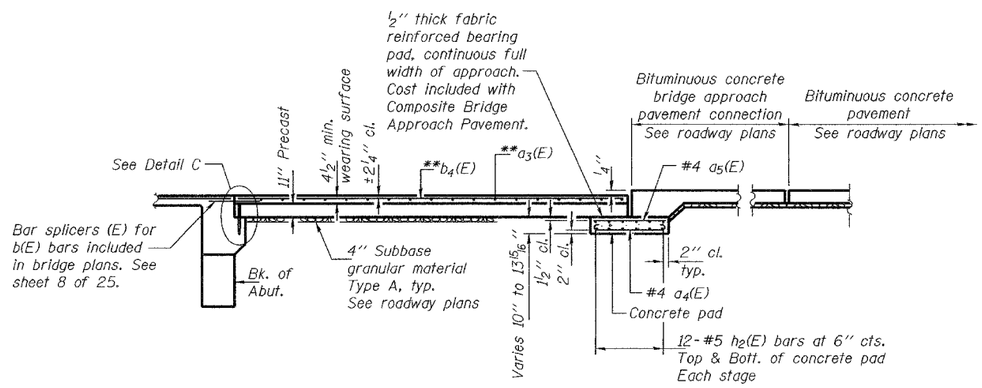


PLAN

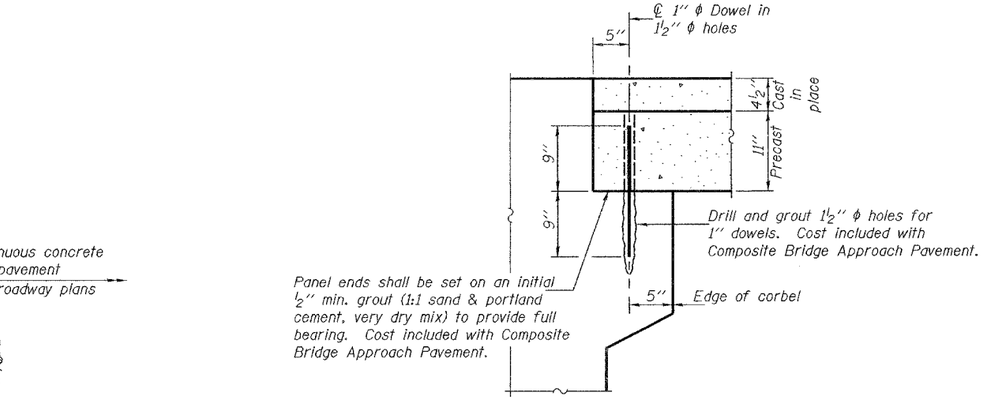
Showing reinforcement in overlay
E. Abut. shown; W. Abut. 180° rotation



SECTION B-B



SECTION A-A

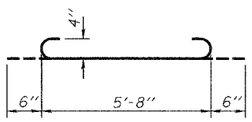


DETAIL C

***BAR LIST

Bar	No.	Size	Length	Shape
a_3(E)	60	#4	18'-4"	——
a_4(E)	40	#4	6'-8"	⊂⊃
a_5(E)	40	#4	5'-8"	——
b_4(E)	38	#4	29'-8"	——
h_2(E)	48	#5	18'-6"	——
Concrete Wearing Surface 4½"			Sq. Yd.	124.4
Bar Splicers			Each	30

* Slope same as adjacent shoulder slope.
** Equivalent welded wire fabric may be used in lieu of #4 bars in overlay.
*** For information only, one approach



BAR a_4(E)

TWO APPROACHES BILL OF MATERIAL

ITEM	UNIT	TOTAL
Composite Bridge Approach Pavement	Sq. Yd.	249

Notes: After precast approach pavement panels have been erected, holes shall be drilled into corbel and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure fully prior to grouting the longitudinal shear keys.

Cast-in-place substitution for panels is not allowed.

Reinforcement bars designated (E) shall be epoxy coated.

For precast approach pavement panel details, see sheet 23 of 25.

Slope top of concrete pad to match slope of top of corbel.

The top surface of the precast approach pavement panels shall be finished initially with a hand float. Further finishing shall be delayed until the water sheen appears, but not to the point of rendering further manipulation ineffective. The top surface shall then be intentionally roughened in the transverse direction to an amplitude of approximately ¼".

DESIGNED	Curt M. Evoy
CHECKED	Nick R. Barnett
DRAWN	h.t. duong
CHECKED	CME/NRB

Nov. 15, 2006

EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN

PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

APPROACH PAVEMENT DETAILS
F.A.P. RTE. 789 - SEC. 54BR-1
MADISON COUNTY
STATION 280+73
STRUCTURE NO. 060-0340