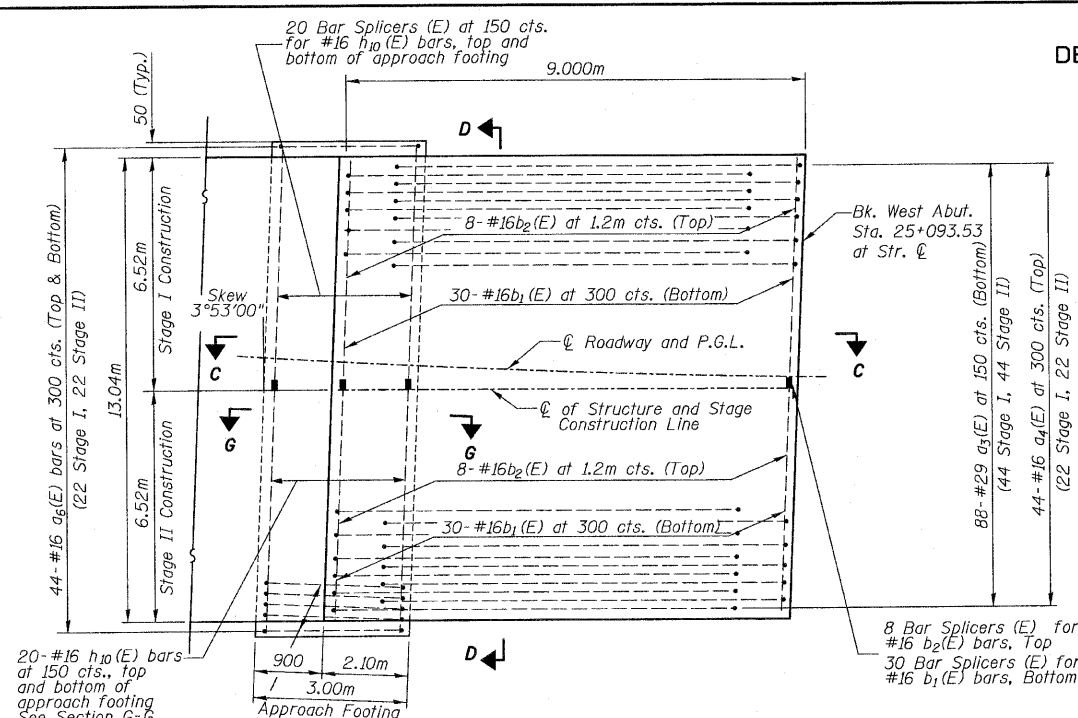
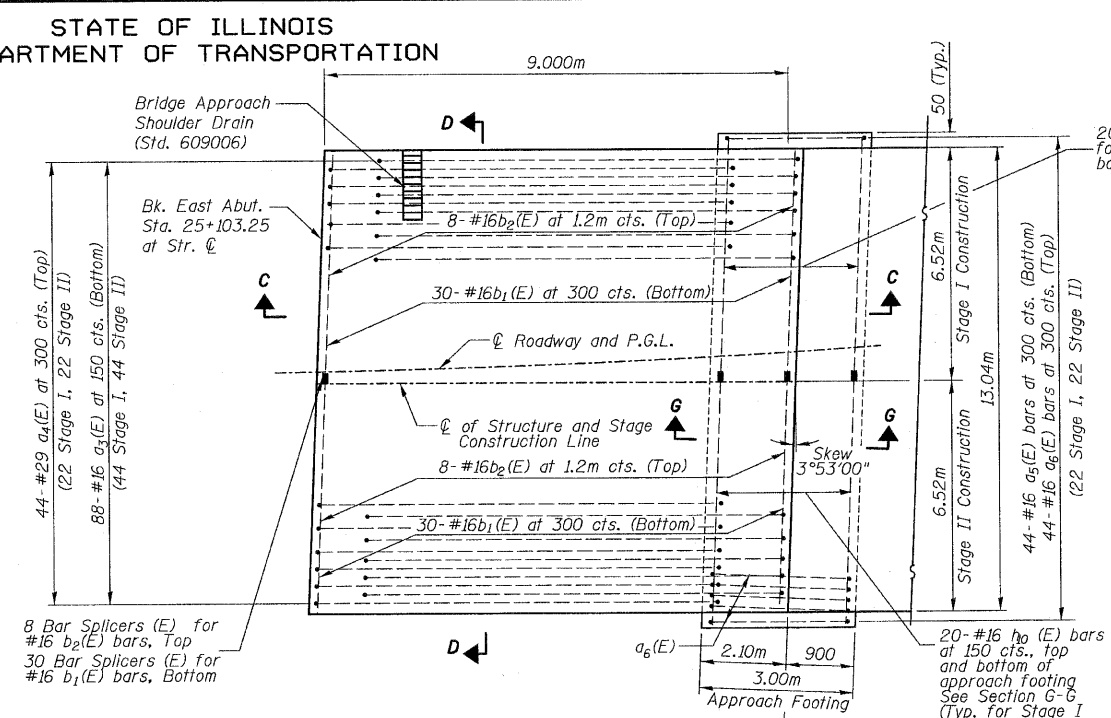


ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
FAP 303 IL 173	134(B&B-2)R-1	LAKE	137	72
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



WEST APPROACH PLAN



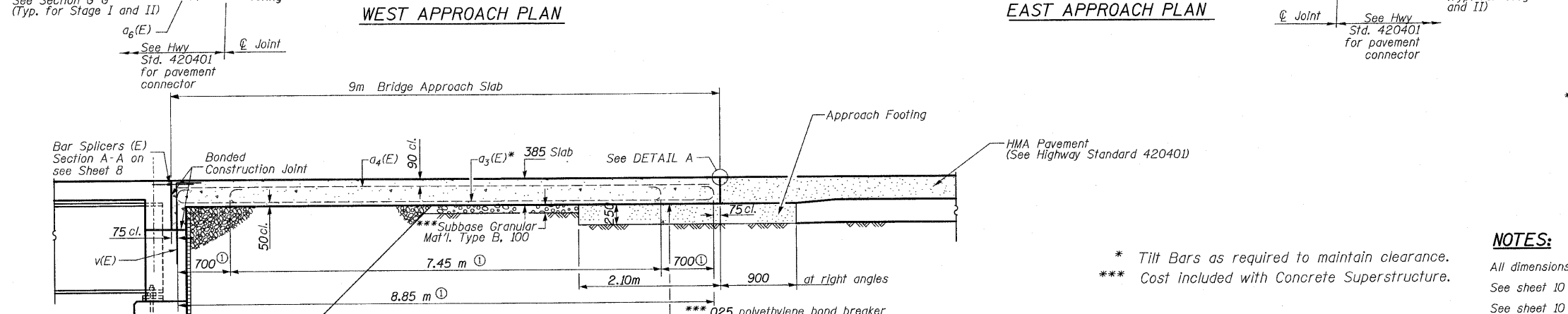
EAST APPROACH PLAN

BRIDGE APPROACH SLAB
BILL OF MATERIAL

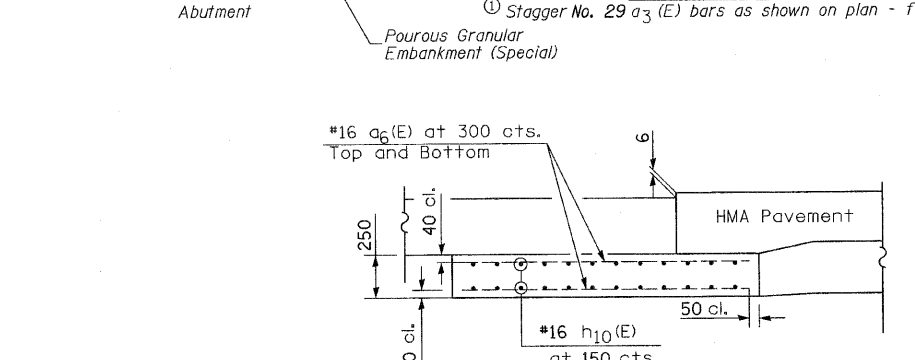
Bar	No.	Size	Length (m)	Shape
a ₃ (E)	176	#29	8.987	(C)
a ₄ (E)	88	#16	8.850	—
a ₆ (E)	176	#16	2.900	—
b ₁ (E)	120	#16	6.455	—
b ₂ (E)	32	#16	6.455	—
h _p (E)	160	#16	6.505	—

Concrete Structures	m ³	20
Concrete Superstructure	m ³	91
Reinforcement Bars, Epoxy Coated	kg	12,820

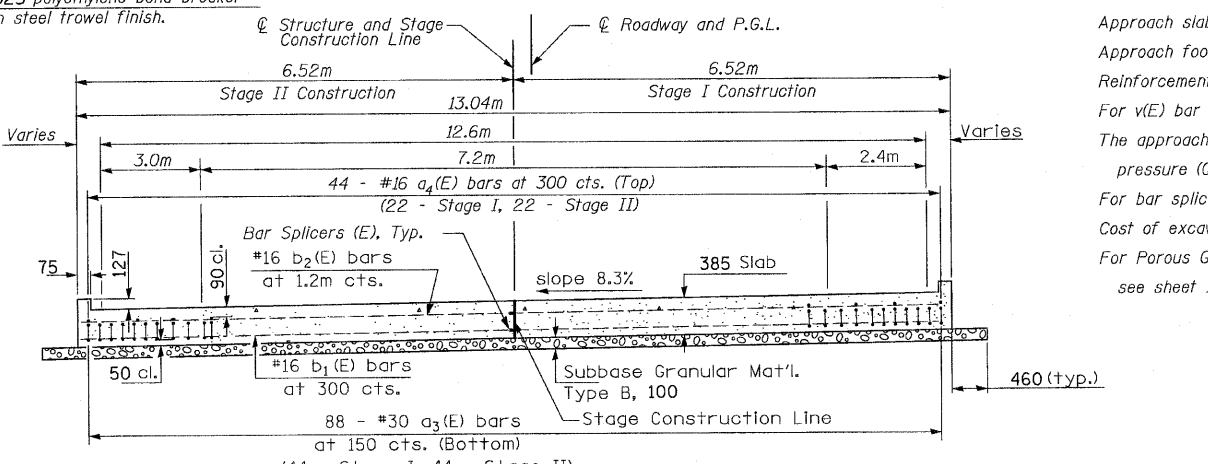
The above table contains information and quantities for two Bridge Approach Slabs. See Sheet 10 for Bar Diagrams.



SECTION C-C



SECTION G-G - FLEXIBLE PAVEMENT



SECTION D-D

DESIGN STRESSES

f_y = 400 MPa
f'c = 24 MPa
n = 8.5

NOTES:

- All dimensions are in millimeters unless otherwise noted.
- See sheet 10 for Bar Bending Details.
- See sheet 10 of 17 for Detail A and View H-H.
- Approach slab concrete shall be paid for as Concrete Superstructure.
- Approach footing concrete shall be paid for as Concrete Structures.
- Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
- For v(E) bar details, see sheet 7 of 17.
- The approach footing maximum applied service bearing pressure (Q_{max}) = 100 kPa.
- For bar splicer details, see sheet 16 of 17.
- Cost of excavation for approach footing included with Concrete Structures.
- For Porous Granular Embankment (Special) and drainage treatment details, see sheet 1 of 17.

BRIDGE APPROACH SLAB -1
FAP 303 IL. ROUTE 173
OVER WEST BOAT CHANNEL
SECTION 134(B&B-2)R-1
LAKE COUNTY
STATION 25+098.390
STRUCTURE NO. 049-0055

DESIGNED	RGT
CHECKED	RJC/JRF
DRAWN	RDS
CHECKED	PAT2



3117APPROACH.PVT.DGN