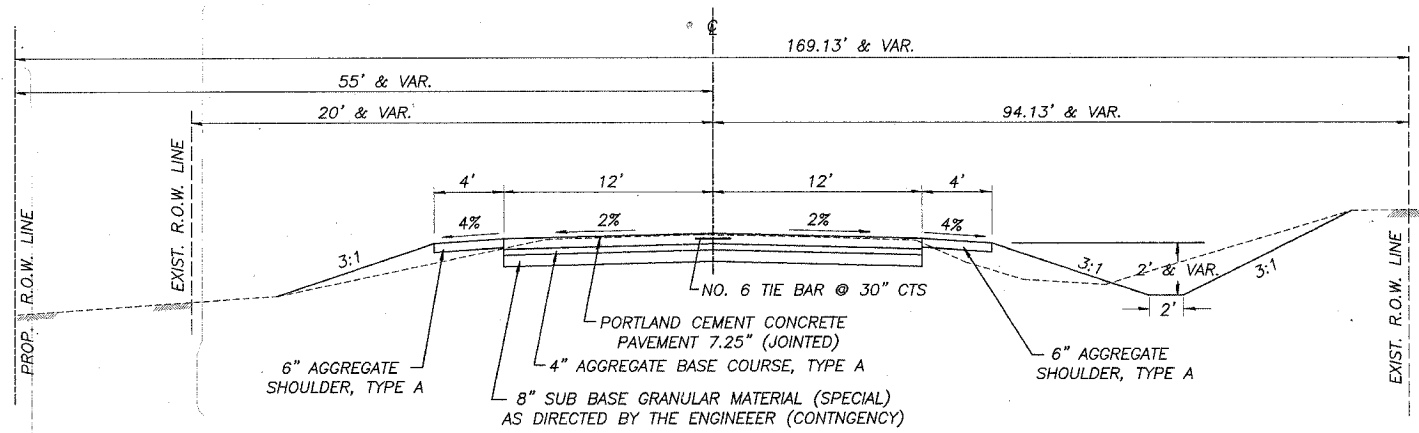


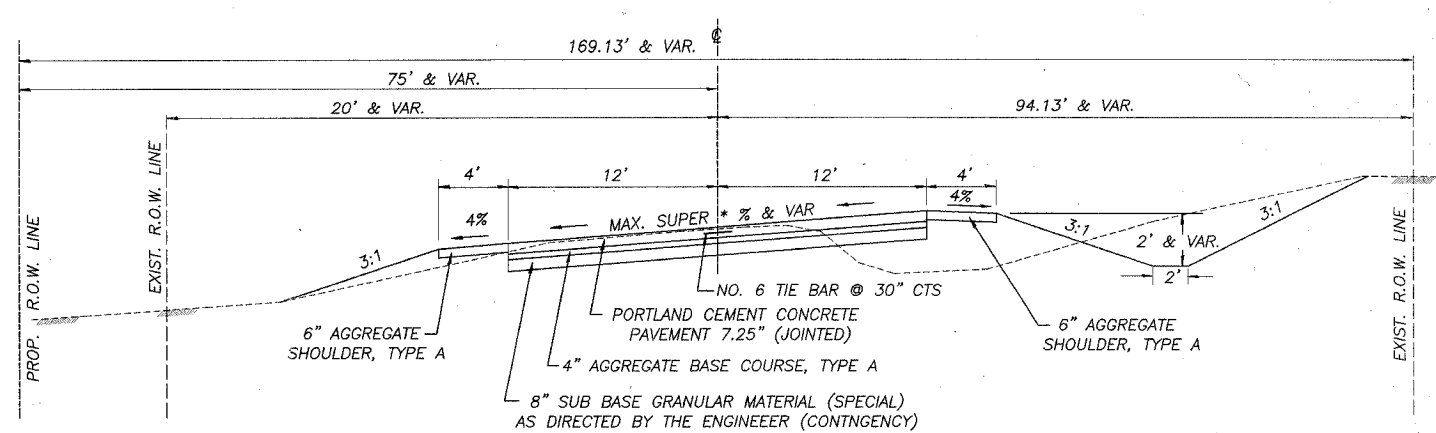
TR 245 TYPICAL SECTIONS

ROUTE	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
245	98-2010I-00-BR	BUREAU	65	3
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT- BR05-CH(62)	



TYPICAL SECTION
TR 245

① STA. 6+50 TO 7+07.19
⑤ STA. 19+87.41 TO 21+50.83



TYPICAL SECTION
TR 245

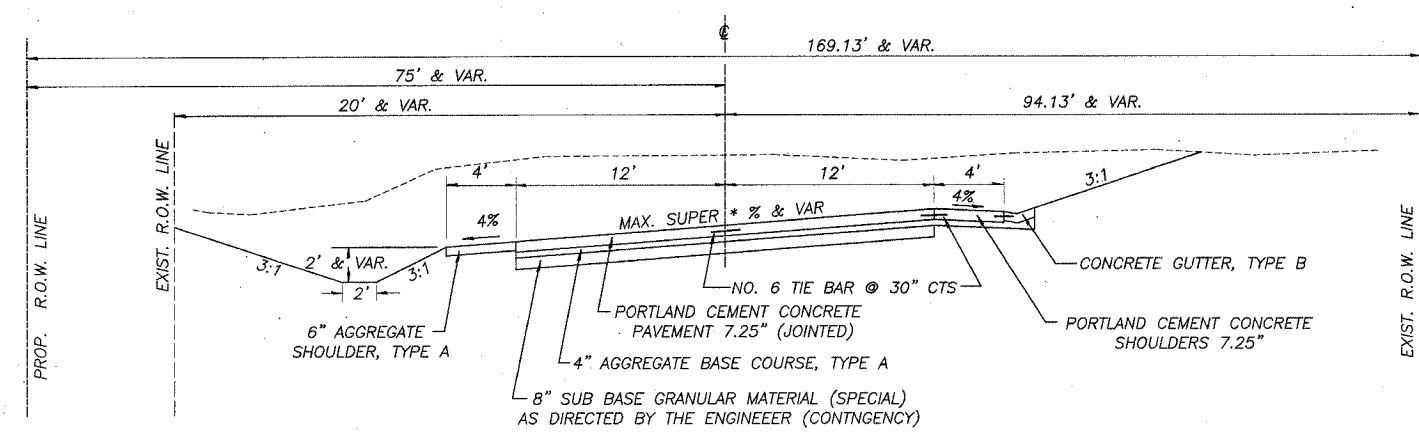
② STA. 7+07.19 TO 12+76.48
MSE = 6.0%
SUPER TRANSITION IN = 180' (2/3 & 1/3)
BS = 7+07.19
BMS = 8+87.19
SUPER TRANSITION OUT = 165' (1/2 & 1/2)
EMS = 11+12.56
ES = 12+76.48
ROLLOVER 10% MAX

④ STA. 14+64.48 TO 19+87.41
MSE = 6.0%
SUPER TRANSITION IN = 165' (1/2 & 1/2)
BS = 14+53
BMS = 16+18
SUPER TRANSITION OUT = 180' (2/3 & 1/3)
EMS = 18+07.41
ES = 19+87.41
ROLLOVER 10% MAX

⑥ STA. 21+50.83 TO 24+76.39
MSE = 4.0%
SUPER TRANSITION IN = 150' (2/3 & 1/3)
BS = 21+50.83
BMS = 23+00.83
SUPER TRANSITION OUT = 150' (2/3 & 1/3)
EMS = 25+07.04
ES = 26+57.04
ROLLOVER 10% MAX

* SEE SECTION D-D OF STANDARD 420401 FOR BRIDGE APPROACH DETAILS

③ * BRIDGE APPROACH 12+76.48 TO 13+06.48
* BRIDGE OMISSION 13+06.48 TO 14+34.48
* BRIDGE APPROACH 14+34.48 TO 14+64.48



TYPICAL SECTION
TR 245

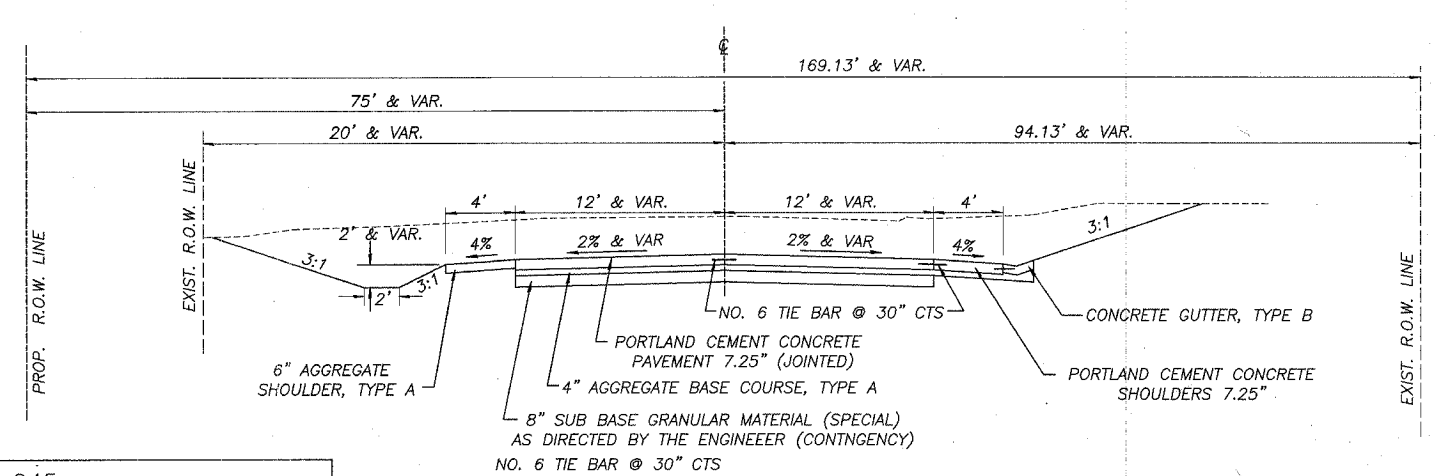
⑦ STA. 24+76.39 TO 26+57.04
MSE = 4.0%
SUPER TRANSITION IN = 150' (2/3 & 1/3)
BS = 21+50.83
BMS = 23+00.83
SUPER TRANSITION OUT = 150' (2/3 & 1/3)
EMS = 25+07.04
ES = 26+57.04
ROLLOVER 10% MAX

**TR 245
PAVEMENT STRUCTURAL DESIGN**
80,000 LB. DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2015 P.V. 450
S.U. 35 > 510 ADT
M.U. 25

CLASS III ROAD
RIGID PAVEMENT DESIGN FOR LOCAL AGENCIES.
SUBGRADE SUPPORT RATING (SSR) "POOR"
T. F. 0.19; NON-REINFORCED & AGGREGATE INTERLOCK FOR LOAD TRANSFER, 12.5' JOINT SPACING

PAVEMENT DESIGN PROCEDURES USED
BUREAU OF LOCAL ROADS AND STREETS MANUAL



TYPICAL SECTION
TR 245

⑧ STA. 26+57.04 TO 29+23.94