

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-71R-3	PEORIA	1300	783
STA. 144+718.000		TO STA. 146+410.000		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

WESTBOUND SUPERELEVATION TRANSITION

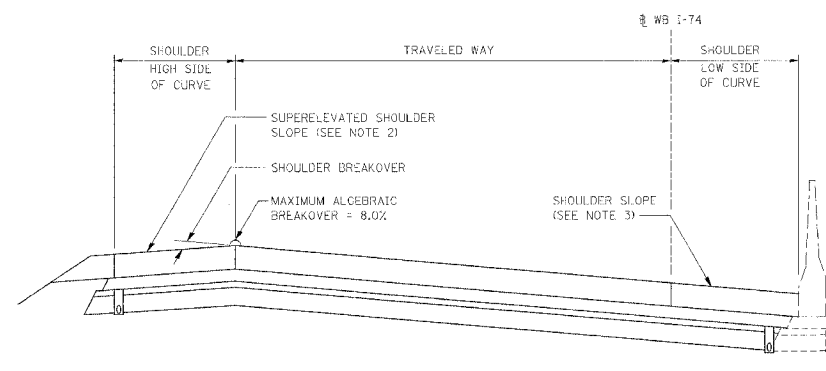
STATION	WB I-74		
	3.6 m	3.6 m	3.6 m
145+487.000	-2.00 %	-1.50 %	+1.50 %
145+472.000	-2.00 %	-1.50 %	0.00 %
145+458.000	-2.00 %	-1.50 %	-1.50 %
145+448.000	-2.00 %	-2.00 %	-2.00 %
STA. 145+413.454 (BK) = STA. 145+415.542 (AH)	-4.10 %	-4.10 %	-4.10 %
145+385.000	-4.10 %	-4.10 %	-4.10 %
145+073.000	-4.10 %	-4.10 %	-4.10 %
144+988.000	0.00 %	0.00 %	0.00 %
144+903.000	+4.30 %	+4.30 %	+4.30 %
144+718.000	+4.30 %	+4.30 %	+4.30 %

SEE SHOULDER TRANSITION DETAIL AND NOTES BELOW FOR ADDITIONAL SHOULDER INFORMATION

PROFILE GRADE LINE

NOTES

1. SEE PROPOSED ROADWAY PLANS FOR SHOULDER WIDTHS AND LOCATIONS AND RAMP GORE DETAILS FOR APPLICABLE ELEVATION AND LOCATION INFORMATION.
2. SHOULDER BREAKOVER SHALL NOT EXCEED 8.0%. TRANSITION THE SHOULDER TO MAINTAIN A MAXIMUM BREAKOVER OF 8.0%.
3. THE LOW SIDE SHOULDER SLOPE = 4.0% WHEN THE SLOPE OF THE TRAVELED WAY IS +/- 4.0% AND IS EQUAL TO THE SLOPE OF THE TRAVELED WAY WHEN THE SLOPE OF THE TRAVELED WAY EXCEEDS 4.0%.
4. SEE SUPERELEVATION DATA PLANS FOR SUPERELEVATION DATA AT 10 m INTERVALS TO FACILITATE CONSTRUCTION STAKING.



SHOULDER TRANSITION DETAIL

NOT TO SCALE

WESTBOUND SUPERELEVATION TRANSITION

STATION	WB I-74		
	3.6 m	3.6 m	3.6 m
146+410.000	-5.80 %	-5.80 %	-5.80 %
146+117.000	-5.80 %	-5.80 %	-5.80 %
146+047.000	-2.00 %	-2.00 %	-2.00 %
146+041.000	-2.00 %	-1.50 %	-1.50 %
146+032.000	-2.00 %	-1.50 %	0.00 %
146+023.000	-2.00 %	-1.50 %	+1.50 %

SEE SHOULDER TRANSITION DETAIL AND NOTES BELOW FOR ADDITIONAL SHOULDER INFORMATION

PROFILE GRADE LINE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUPERELEVATION TRANSITION DETAIL FAI ROUTE 74 (I-74) WB STA. 144+718.000 TO STA. 146+410.000
NAME	DATE	

DATE 11/23/04

DRAWN BY RDY
CHECKED BY LSA

