

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	897
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

* (90-11R) (90-14-1R-2)
 * (90-11R-2) (90-13,14,14-1R-1)

GENERAL NOTES

SEE MASTER GENERAL NOTES FOR PROJECT WIDE GENERAL NOTES LIST.

COMMITMENTS

SEE MASTER COMMITMENT LIST FOR FURTHER DETAILS.

PROJECT SPECIFIC NOTES

CROSS SECTIONS

In the cross sections use the following legends with end areas computed in m²

Special Excavation	S
Unsuitable Material	U
Earth Excavation	E
Embankment	F
Topsoil Furnish and Place	T

PROJECT DATUM

Project datum is NAD83 Illinois State Plane coordinates, west zone. The project combination factor is 0.999941679. All construction documents were developed using "grid" coordinates. The vertical control was established using NAVD 88. All land acquisition documents were projected to "ground" coordinates. Final staked alignments were projected to "ground" coordinates.

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

LOCATION(S):	ALL (EXCEPT PLAN SET 4 ***)	ALL (EXCEPT PLAN SET 4 ***)
MIXTURE USE(S):	SURFACE COURSE	BASE COURSE (ALL THICKNESSES) & CLASS D PATCHES
AC/PG:	PG 64-22	PG 64-22
RAP %: (MAX)**	10 %	15 %
DESIGN AIR VOIDS:	4.2 % @ Ndes = 70	4.2 % @ Ndes = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 19.0
FRICTION AGGREGTE	MIX D	N/A

**IF > 15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIALS ENGINEER.

*** THIS EXCLUDES ALL I-74 PAVING EAST OF STATION 154+780 ONLY.

LOCATION(S):	ALL (EXCEPT PLAN SET 4 ***)	ALL (EXCEPT PLAN SET 4 ***)
MIXTURE USE(S):	BITUMINOUS SHOULDERS (BOTTOM LIFT) & STABILIZED SUB-BASE	BITUMINOUS SHOULDERS (TOP LIFT)
AC/PG:	PG 58-22	PG 58-22
RAP %: (MAX)**	30 %	30 %
DESIGN AIR VOIDS:	4.0 % @ Ndes = 30	3.0 % @ Ndes = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0 L (LOW ESAL)	IL 9.5 L (LOW ESAL)
FRICTION AGGREGTE	N/A	MIXTURE C

**IF > 15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIALS ENGINEER.

*** THIS EXCLUDES ALL I-74 PAVING EAST OF STATION 154+780 ONLY.

LOCATION(S):	PLAN SET 4***	PLAN SET 4***	PLAN SET 4***
MIXTURE USE(S):	I-74 SURFACE COURSE	I-74 BINDER COURSE	I-74 BITUMINOUS SHOULDERS
AC/PG:	SBS OR SBR PG 76-22	SBS OR SBR PG 76-22	SBS OR SBR PG 64-22
RAP %: (MAX)**	0 % *	0 % *	30 % *
DESIGN AIR VOIDS:	4.2 % @ Ndes = 90	4.2 % @ Ndes = 90	3.0 % @ Ndes = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 19.0	IL 9.5L
FRICTION AGGREGTE	MIXTURE E	N/A	MIX C

* IF THE RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

*** THIS INCLUDES ALL I-74 PAVING EAST OF STATION 154+780 ONLY.

SHEET 3 OF 3



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INDEX OF SHEETS,
 HIGHWAY STANDARDS,
 COMMITMENTS AND
 GENERAL NOTES
 DRAWN BY
 CHECKED BY
 DATE 01/07/2005