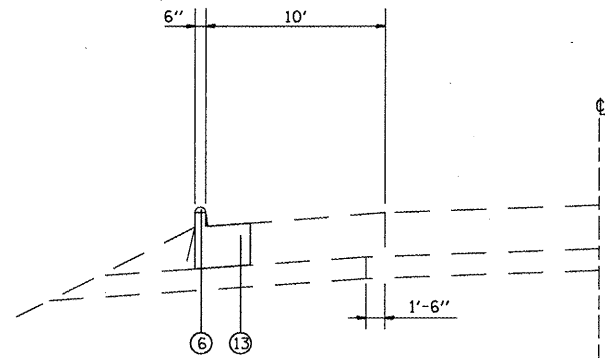
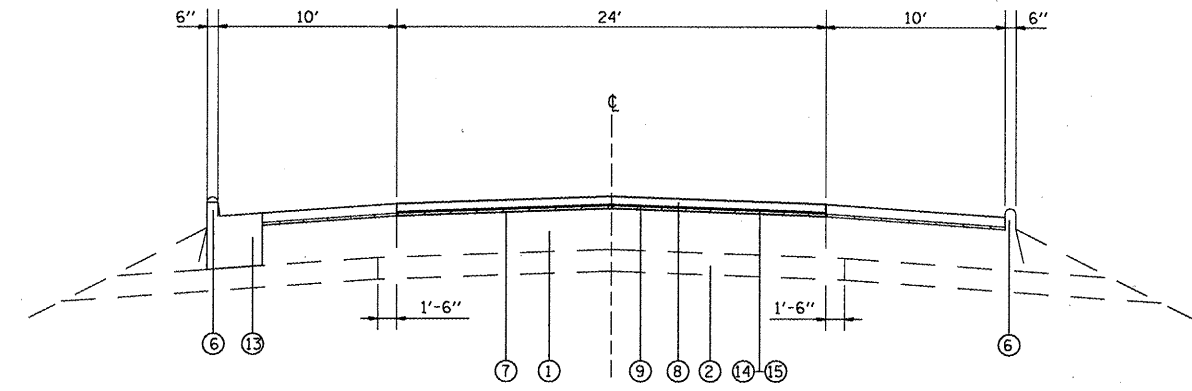


TANGENT SECTION  
STA. 780+88.59 TO STA. 781+93.82



TANGENT SECTION  
STA. 784+20.11 LT TO STA. 785+89.05 LT



TANGENT SECTION  
STA. 783+39.05 LT TO STA. 784+20.11 LT  
STA. 783+56.09 RT TO STA. 784+20.11 RT

**LEGEND**

- ① EXISTING CONCRETE PAVEMENT 8"
- ② EXISTING STABILIZED SUB BASE 4"
- ③ EXISTING STABILIZED SHOULDER 8"
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING SUB BASE GRANULAR MATERIAL, TYPE C
- ⑥ EXISTING BITUMINOUS CURB
- ⑦ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1/2"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 - 1 1/2"
- ⑨ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 3/4"
- ⑩ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDERS
- ⑫ PROPOSED AGGREGATE WEDGE
- ⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B, 6.24
- ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PROPOSED AGGREGATE (PRIME COAT)

THE FOLLOWING HOT-MIX ASPHALT MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

MIXTURE USE	SURFACE	BINDER	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	30%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0	
FRICTION AGG	MIXTURE "C"	MIXTURE "B"	BAM

TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SO YD/IN.

*Rev. Sheet 10-9-09*

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY TYPICAL SECTIONS</b>			F.A.P. RTE. 312	SECTION 73-VB-1	COUNTY RANDOLPH	TOTAL SHEETS 21	SHEET NO. 4
#FILE#		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 76C78				
		CHECKED -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -									