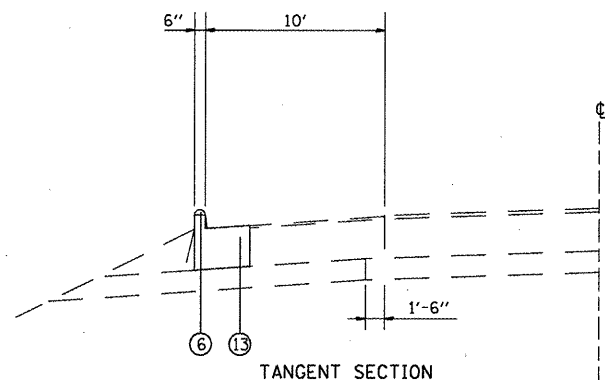
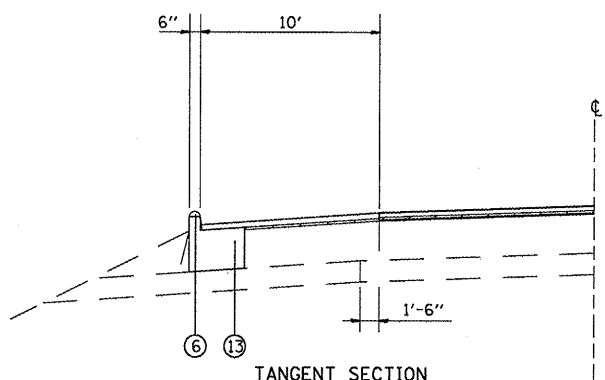


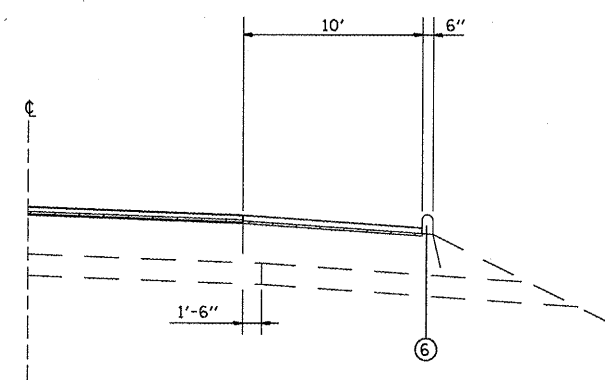
TANGENT SECTION
 STA. 780+88.59 TO STA. 781+93.82
 STA. 783+48.57 TO STA. 784+20.11



TANGENT SECTION
 STA. 784+20.11 LT TO STA. 785+89.2 LT



TANGENT SECTION
 STA. 783+39.20 LT TO STA. 784+20.11 LT



TANGENT SECTION
 STA. 783+48.37 TO STA. 784+20.11

LEGEND

- ① EXISTING CONCRETE PAVEMENT 8"
- ② EXISTING STABILIZED SUB BASE 4"
- ③ EXISTING STABILIZED SHOULDER 8"
- ④ EXISTING AGGREGATE SHOULDER, TYPE A
- 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-VARIABLE THICKNESS
- ⑫ PROPOSED AGGREGATE WEDGE
- ⑬ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B, 6.24

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 BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY TYPICAL SECTIONS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						312	73-VB-1	RANDOLPH	21	4
						CONTRACT NO. 76C78				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT										