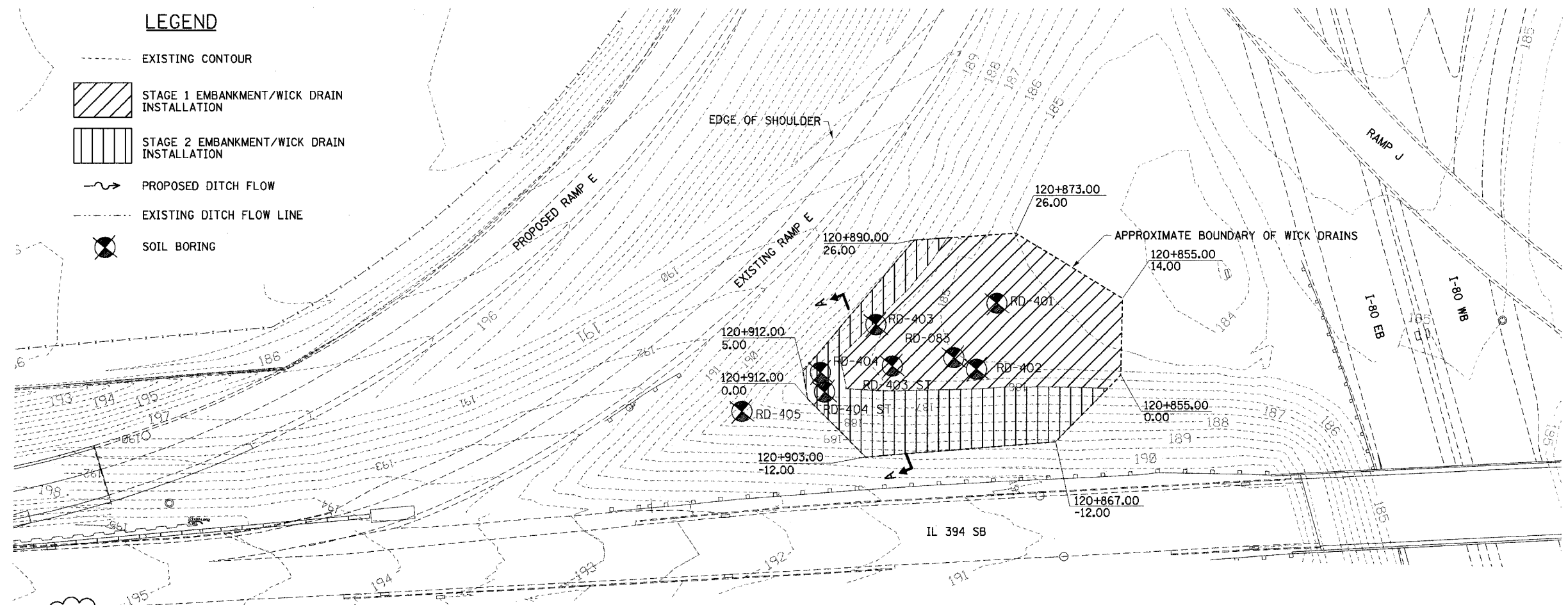


FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	0203.1B	COOK	200	161
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



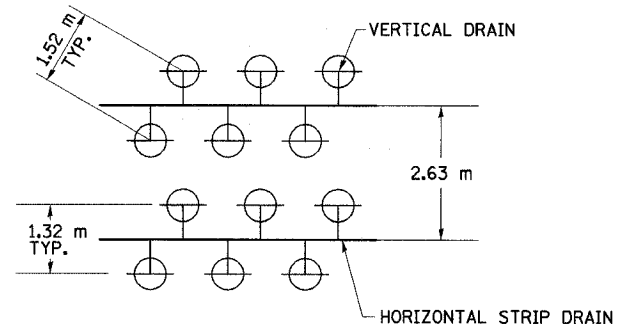
LEGEND

- EXISTING CONTOUR
- STAGE 1 EMBANKMENT/WICK DRAIN INSTALLATION
- STAGE 2 EMBANKMENT/WICK DRAIN INSTALLATION
- PROPOSED DITCH FLOW
- EXISTING DITCH FLOW LINE
- SOIL BORING



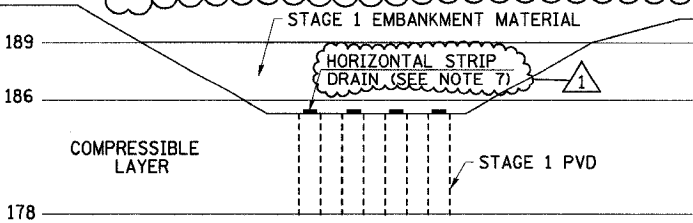
- NOTES:**
1. STAGE 1 CONSISTS OF INSTALLING THE PREFABRICATED VERTICAL DRAIN (PVD) IN THE FLAT, INNER AREA OF PROPOSED ABUTMENT FOOTPRINT--APPROXIMATELY OUTLINED BY THE 186 METERS ELEVATION CONTOUR. EMBANKMENT MATERIAL SHALL BE PLACED TO FILL THE DEPRESSION UP TO AN ELEVATION OF 189 METERS, CREATING A RELATIVELY LEVEL GROUND OVER THE EXISTING SLOPES.
 2. IN THE SECOND STAGE, PVD SHALL BE INSTALLED IN THE OUTER AREA OF THE PROPOSED EMBANKMENT FOOTPRINT, AND THE REST OF THE EMBANKMENT SHALL BE BUILT. PREDRILLING TO A DEPTH OF 4 METERS IS REQUIRED TO INSTALL THE PVD IN THE SECOND STAGE.
 3. HORIZONTAL STRIP DRAINS SHALL DIRECT THE LATERAL FLOW FROM THE PVD TO DISCHARGE POINTS LOCATED NORTH OF THE EMBANKMENT FOOTPRINT.
 4. FOR TREE REMOVAL SEE PF-1
 5. FOR BORING LOGS RD-401 THRU RD-405 AND RD-083, SEE RAMP G BRIDGE DRAWINGS.
 6. FOR BORING LOGS RD-403 ST AND RD-404 ST, SEE SHEET NO 162.
 7. THE FIRST LIFT OF EMBANKMENT PLACED OVER THE HORIZONTAL STRIP DRAINS SHALL CONSIST OF SAND. THE SAND BLANKET SHALL BE INCLUDED IN THE COST OF EMBANKMENT.

PLAN VIEW

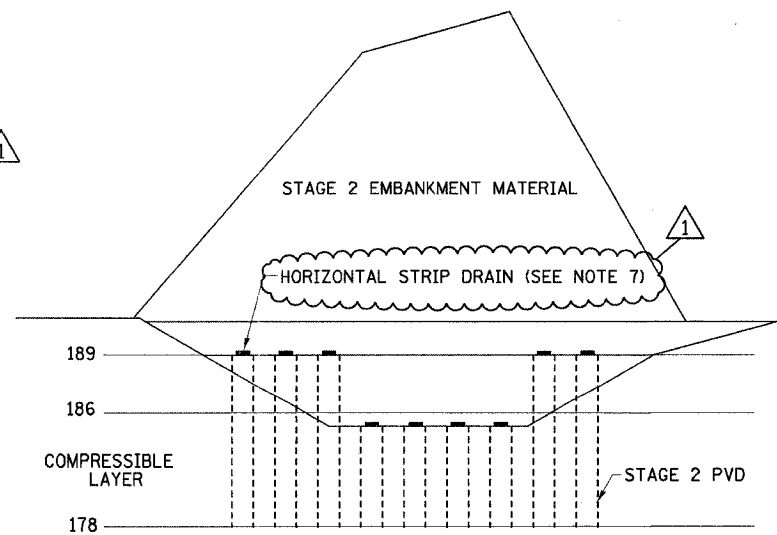


WICK DRAIN LAYOUT

TO BE INSTALLED IN AN EQUILATERAL TRIANGLE PATTERN



**SECTION A-A
STAGE 1 EMBANKMENT CONSTRUCTION**



**SECTION A-A
STAGE 2 EMBANKMENT CONSTRUCTION**

REVISIONS	
NAME	DATE
ADDENDUM, MAM	5/31

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94 WB FLYOVER RAMP
TO SB IL 394 (RAMP G)

WICK DRAINS

HORIZ SCALE: NONE
VERT SCALE: NONE
DATE: MARCH 23, 2005

DRAWN BY: MAM
CHECKED BY: BJM

HNTB