


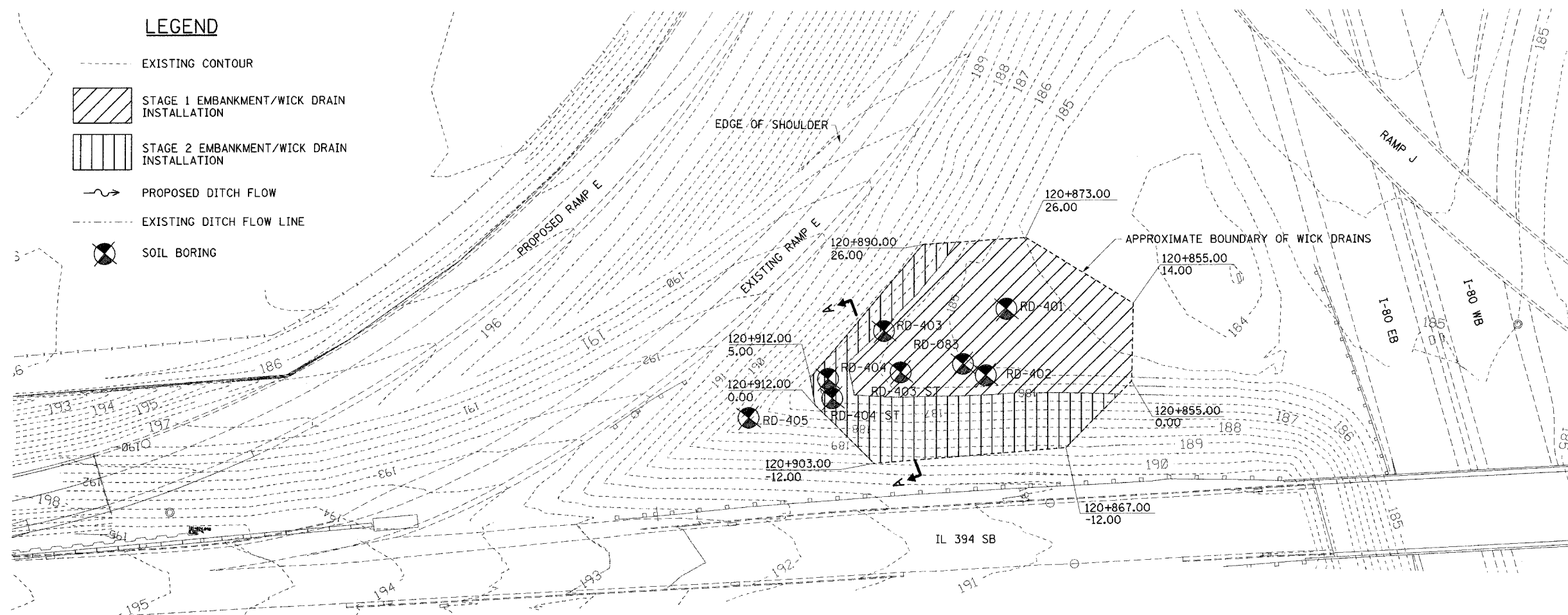


| | | | | |
|--------------------|---------|---------------------------|--------------|-----------|
| FAI RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 80/94 | 0203.1B | COOK | 200 | 161 |
| STA. | | TO STA. | | |
| FED ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |

LEGEND

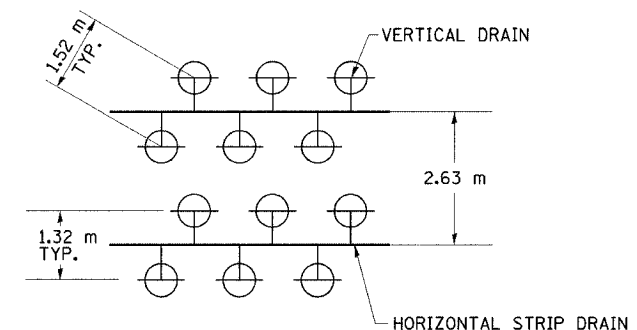
- - - - - EXISTING CONTOUR
-  STAGE 1 EMBANKMENT/WICK DRAIN INSTALLATION
-  STAGE 2 EMBANKMENT/WICK DRAIN INSTALLATION
- - - - - PROPOSED DITCH FLOW
- - - - - EXISTING DITCH FLOW LINE
-  SOIL BORING



PLAN VIEW

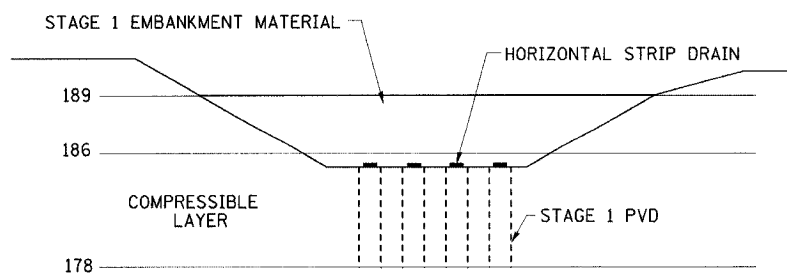
NOTES:

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 IS TO 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 WOULD BE INSTALLED IN THE OUTER AREA OF THE PROPOSED EMBANKMENT FOOTPRINT, AND THE REST OF THE EMBANKMENT WOULD BE BUILT. PREDRILLING TO A DEPTH OF 4 METERS IS REQUIRED TO INSTALL THE PVD IN THE SECOND STAGE.
3. HORIZONTAL STRIP DRAINS WILL 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.

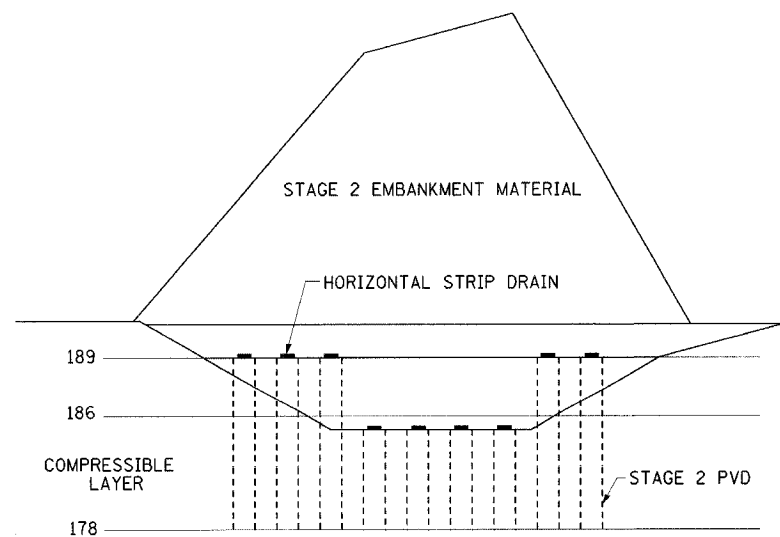


WICK DRAIN LAYOUT

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 |
| | |
| | |
| | |
| | |
| | |

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