

FBI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	0203.1B	COOK	200	7
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

NHI 90% FED. 10% STATE	NHF 80% FED. 20% STATE	NHI 90% FED./10% STATE	
ROADWAY FBI-80	ROADWAY FBI-392 (IL 394)	SN 016-280A	LIGHTING

CODE	PAY ITEM	UNIT	URBAN TOTAL	CONSTRUCTION TYPE CODE			
				J000-2A	J000-2A	X971-2A	Y030-1E
X0323830	DRAINAGE SCUPPERS, DS-II	EACH	5			5	
X0324044	EROSION CONTROL, TEMPORARY PIPE SLOPE DRAIN	EACH	4	2	2		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.5	0.5		
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	8			8	
Z0002600	BAR SPLICERS	EACH	62			62	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5		
Z0018800	DRAINAGE SYSTEM	L SUM	1			1	
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	1		1		
** Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1			
Z0076600	TRAINEES	HOURL					
MX033533	ERECTING MODULAR EXPANSION JOINT 160MM	METER	9.7			9.7	
MX033534	ERECTING MODULAR EXPANSION JOINT-SWIVEL 240MM	METER	19.4			19.4	
MX030272	ERECTING FLOATING BEARINGS, GUIDED EXPANSION 750KN	EACH	18			18	
MX030261	ERECTING FLOATING BEARINGS, GUIDED EXPANSION 2250KN	EACH	18			18	
MX050573	ERECTING FLOATING BEARINGS, FIXED 2250KN	EACH	6			6	
MX030574	ERECTING FLOATING BEARINGS, FIXED 2500KN	EACH	12			12	
MX033535	HORIZONTAL STRIP DRAINS	METER	684		684		
* M8120280	CONDUIT EMBEDDED IN STRUCTURE, 100MM DIA., RIGID GALVANIZED STEEL	METER	112				112
Δ Z0076705	ON JOB TRAINEES (LABORER TRAINEES)	HOUR	1000	1000			
Δ Z0076710	ON JOB TRAINEES (CARPENTER TRAINEES)	HOUR	1000	1000			
Δ Z0076715	ON JOB TRAINEES (CEMENT MASON TRAINEES)	HOUR	1000	1000			

Δ

• SPECIALTY ITEM
 ** SFY-3N
 Δ Y080 Δ

REVISIONS	
NAME	DATE

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

SUMMARY OF QUANTITIES

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

DRAWN BY: BJM
 CHECKED BY: JES

HNTB

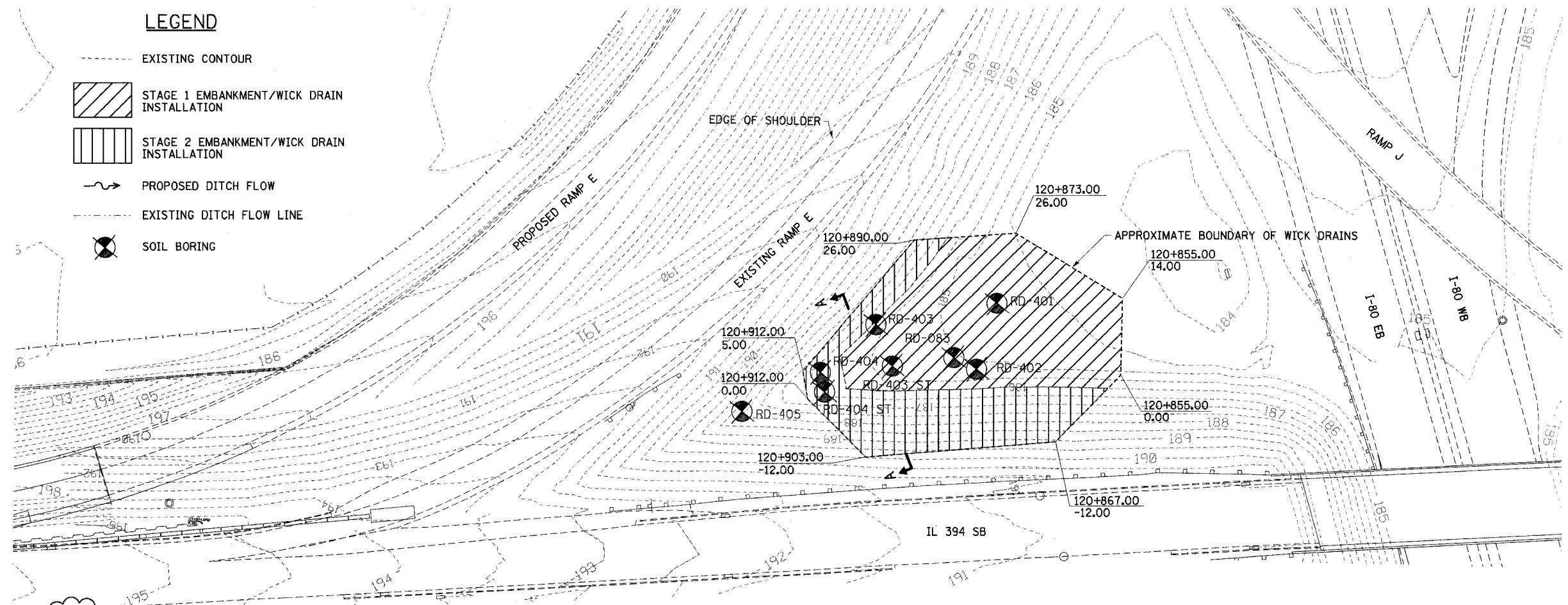
Rev. 6-6-05

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		



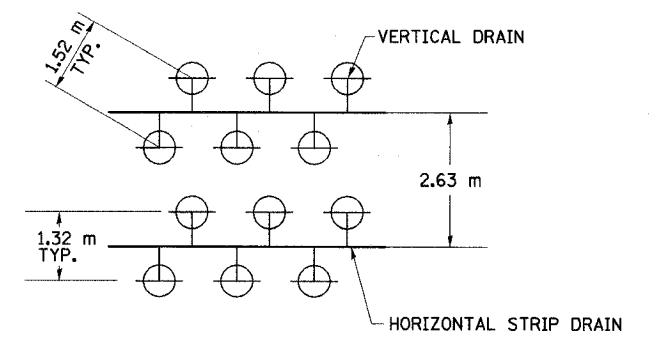
LEGEND

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



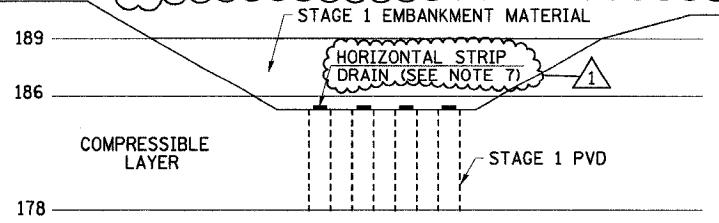
PLAN VIEW

- 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 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.

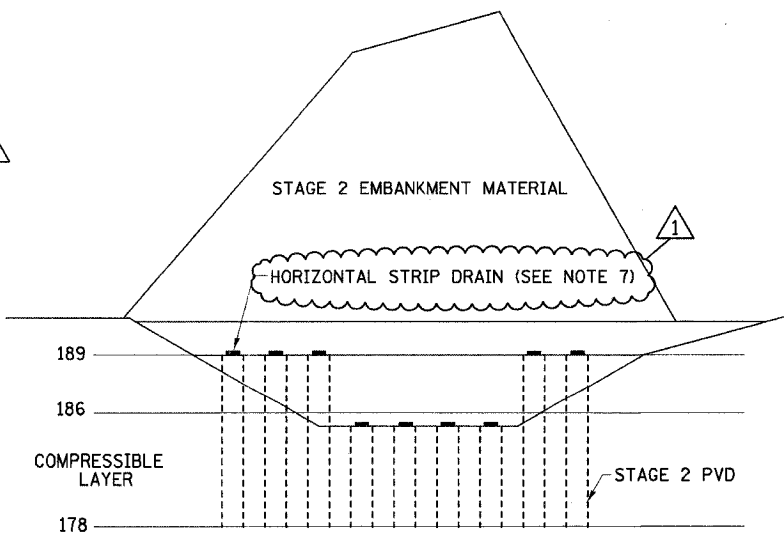


WICK DRAIN LAYOUT

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