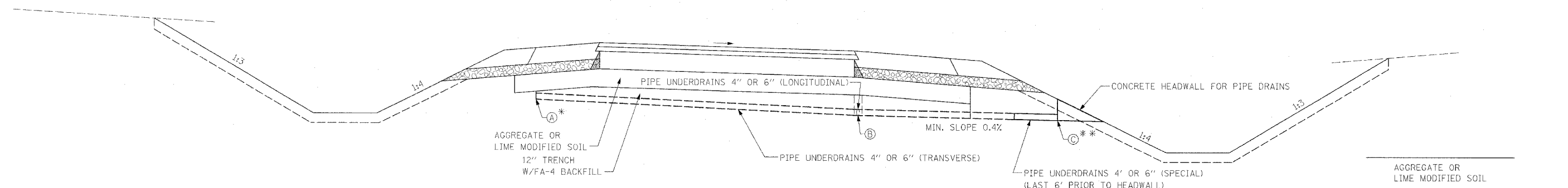
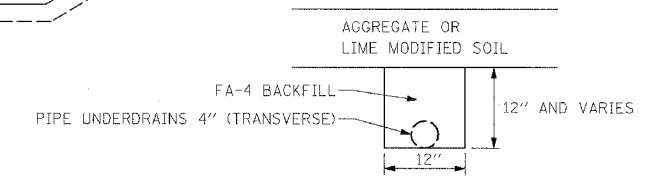


DETAIL - RAMP J PIPE UNDERDRAINS 4" (TRANSVERSE)

- * (A) = UPSTREAM END OF PIPE UNDERDRAIN 4" (TRANSVERSE)
- ** (C) = OUTLET AND HEADWALL FOR PIPE UNDERDRAIN 4" (TRANSVERSE)

STATION	A	ELEVATION	B	ELEVATION	C	ELEVATION	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)	CONCRETE HEADWALL FOR PIPE DRAINS
156+00	20' LT.	659.80	⊕	659.55	22' RT.	659.44	36'	6'	1 EACH
158+00	20' LT.	661.10	⊕	660.17	18' RT.	660.08	32'	6'	1 EACH
165+50	20' LT.	664.15	⊕	663.95	20' RT.	663.84	34'	6'	1 EACH
167+00	20' LT.	666.10	⊕	665.82	20' RT.	665.72	34'	6'	1 EACH
169+00	6' RT.	668.33	16' LT.	667.90	33' LT.	667.82	33'	6'	1 EACH
171+00	6' RT.	670.83	16' LT.	669.57	32' LT.	669.49	32'	6'	1 EACH
TOTALS							201'	36'	6 EACH



DETAIL - RAMP J PIPE UNDERDRAINS 6" (TRANSVERSE AND LONGITUDINAL)

- * (A) = UPSTREAM END OF PIPE UNDERDRAIN 4" OR 6" (TRANSVERSE)
- ** (C) = OUTLET AND HEADWALL FOR PIPE UNDERDRAIN 4" OR 6" (TRANSVERSE)

STA. TO STA.	4"	6"
LT. STA. 161+25 TO LT. STA. 163+75	250'	825'
LT. STA. 173+00 TO LT. STA. 181+25	825'	825'
TOTAL	250'	825'

STATION	A	ELEVATION	B	ELEVATION	C	ELEVATION	PIPE UNDERDRAINS		PIPE UNDERDRAINS (SPECIAL)	CONCRETE HEADWALL FOR PIPE DRAINS	
							4"	6"			
161+25	20' LT.	660.97	⊕	660.47	SEE NOTE	-	14'	6"	14'	* 1 EACH	
162+50	20' LT.	660.91	⊕	661.41	SEE NOTE	-	20'	-	-	-	
163+75	20' LT.	663.35	⊕	662.85	SEE NOTE	-	20'	-	-	-	
173+00	6' RT.	672.34	16' LT.	671.10	36' LT.	671.00	-	36'	6'	1 EACH	
175+00	6' RT.	674.84	16' LT.	673.70	SEE NOTE	-	-	22'	-	-	
177+00	6' RT.	677.35	16' LT.	676.10	SEE NOTE	-	-	22'	-	-	
179+00	6' RT.	680.09	16' LT.	679.50	SEE NOTE	-	-	22'	-	-	
181+00	6' RT.	683.85	16' LT.	683.74	SEE NOTE	-	-	22'	-	-	
TOTALS							54'	124'	14'	6'	2 EACH

NOTE: PIPE UNDERDRAINS 4" OR 6" (TRANSVERSE) EMPTIES TO PIPE UNDERDRAINS 4" OR 6" (LONGITUDINAL).
 PIPE UNDERDRAINS 4" OR 6" (LONGITUDINAL) WILL NEED TO BE INSTALLED WITH THE PIPE UNDERDRAINS 4" OR 6" (TRANSVERSE).
 * SHARED WITH OUTLET FOR PIPE UNDERDRAINS 4" (LONGITUDINAL)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TRANSVERSE DRAIN DETAIL RAMP J IL. ROUTE 336

DRAWN BY
CHECKED BY

DATE 3/30/06