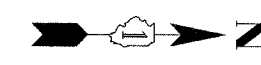


CONTRACT NO. 62417

FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113 & 114) R-5	WILL	525	239
STA. 3190+00		TO STA. 3218+00		
FED. ROAD DIST. NO.		ILLINOIS		
		FAP 338 (IL RTE. 59)		

PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3195+66	3193+98	LT	168		4	
3195+66	3193+98	RT	168		2	
3197+47	3195+76	RT	171		7	
3197+47	3195+76	LT	172		6	
3197+47	3198+75	LT	128		11	
3197+47	3198+79	RT	132		9	
3198+87	3200+00	RT	113		17	
3198+89	3199+89	LT	116		13	
3200+10	3201+03	LT	93		21	
3200+54	3202+17	RT	178		23	
3201+13	3202+16	LT	103		24	
3202+27	3203+30	LT	103		27	
3202+27	3203+31	RT	104		26	
3203+41	3204+44	LT	103		30	
3203+41	3204+47	RT	106		29	
SUBTOTAL			1958			

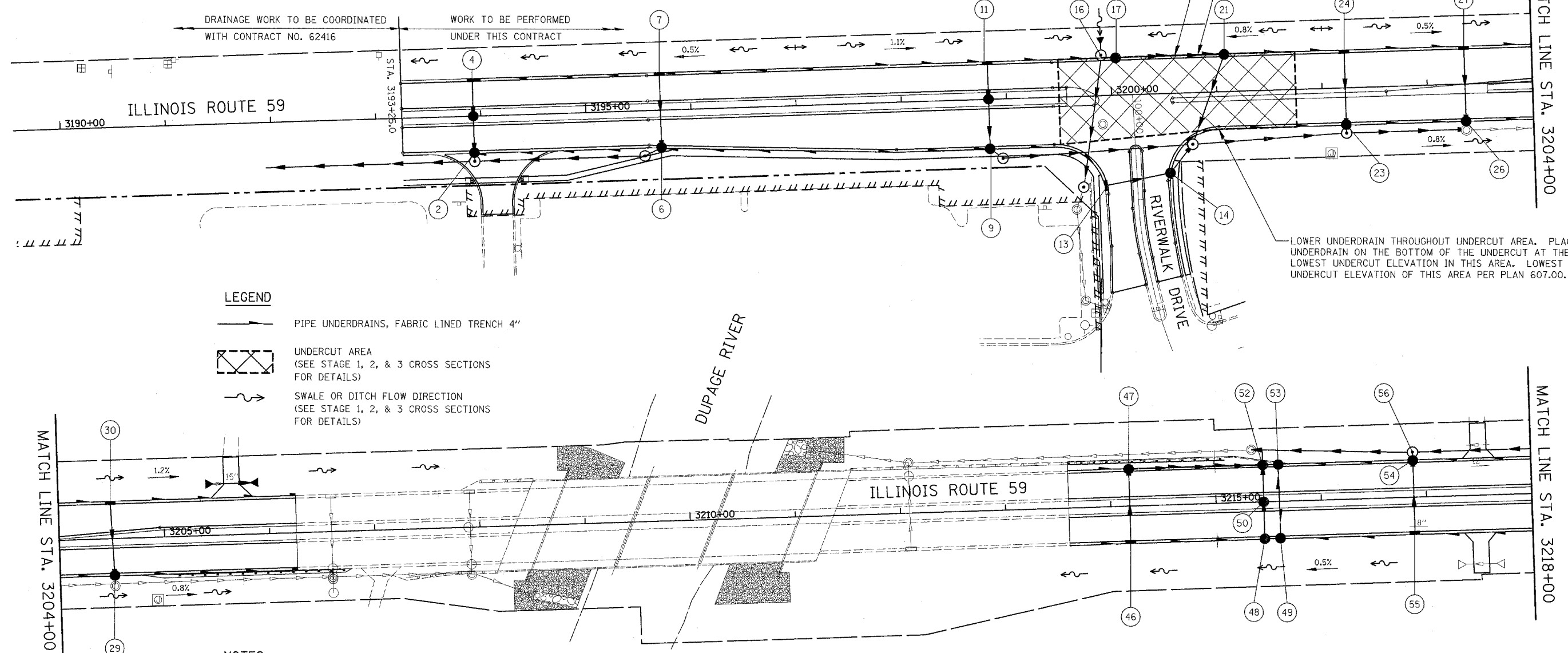
PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3204+54	3206+26	LT	172		EX P.J.J.D.	
3204+57	3206+26	RT	169		EX P.J.J.D.	
3213+60	3214+13	LT	53		47	
3213+60	3214+13	RT	53		46	
3214+23	3215+40	LT	117		52	
3214+23	3215+40	RT	117		48	
3215+45	3215+40	LT	5		52	
3216+83	3215+65	LT	118		53	
3215+45	3215+40	RT	5		48	
3216+83	3215+65	RT	118		49	
3215+60	3215+60	LT	30		53	
3215+60	3215+60	RT	30		49	
3218+03	3216+93	LT	110		54	
3218+03	3216+93	RT	110		55	
SUBTOTAL			1207			
SHEET TOTAL			3165			



STA. 3199+50 TO STA. 3201+75
REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL, 1,134 CY; AND POROUS GRANULAR EMBANKMENT, SUBGRADE, 1,057 CY

LOWER UNDERDRAIN THROUGHOUT UNDERCUT AREA. PLACE UNDERDRAIN ON THE BOTTOM OF THE UNDERCUT AT THE LOWEST UNDERCUT ELEVATION IN THIS AREA. LOWEST UNDERCUT ELEVATION OF THIS AREA PER PLAN 607.00.

LOWER UNDERDRAIN THROUGHOUT UNDERCUT AREA. PLACE UNDERDRAIN ON THE BOTTOM OF THE UNDERCUT AT THE LOWEST UNDERCUT ELEVATION IN THIS AREA. LOWEST UNDERCUT ELEVATION OF THIS AREA PER PLAN 607.00.



LEGEND

- PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- UNDERCUT AREA (SEE STAGE 1, 2, & 3 CROSS SECTIONS FOR DETAILS)
- SWALE OR DITCH FLOW DIRECTION (SEE STAGE 1, 2, & 3 CROSS SECTIONS FOR DETAILS)

NOTES:

1. SEE TYPICAL SECTION FOR UNDERDRAIN DEPTH INFORMATION.
2. POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT SUBGRADE STABILITY MANUAL (Rev. 2005). IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT NO. 1 SCHAUMBURG
PIPE UNDERDRAINS, UNDERCUT
AND DITCH/SWALE PLAN

SCALE AS SHOWN
DATE MARCH 18, 2008
DRAWN BY REW
CHECKED BY JCM/HME