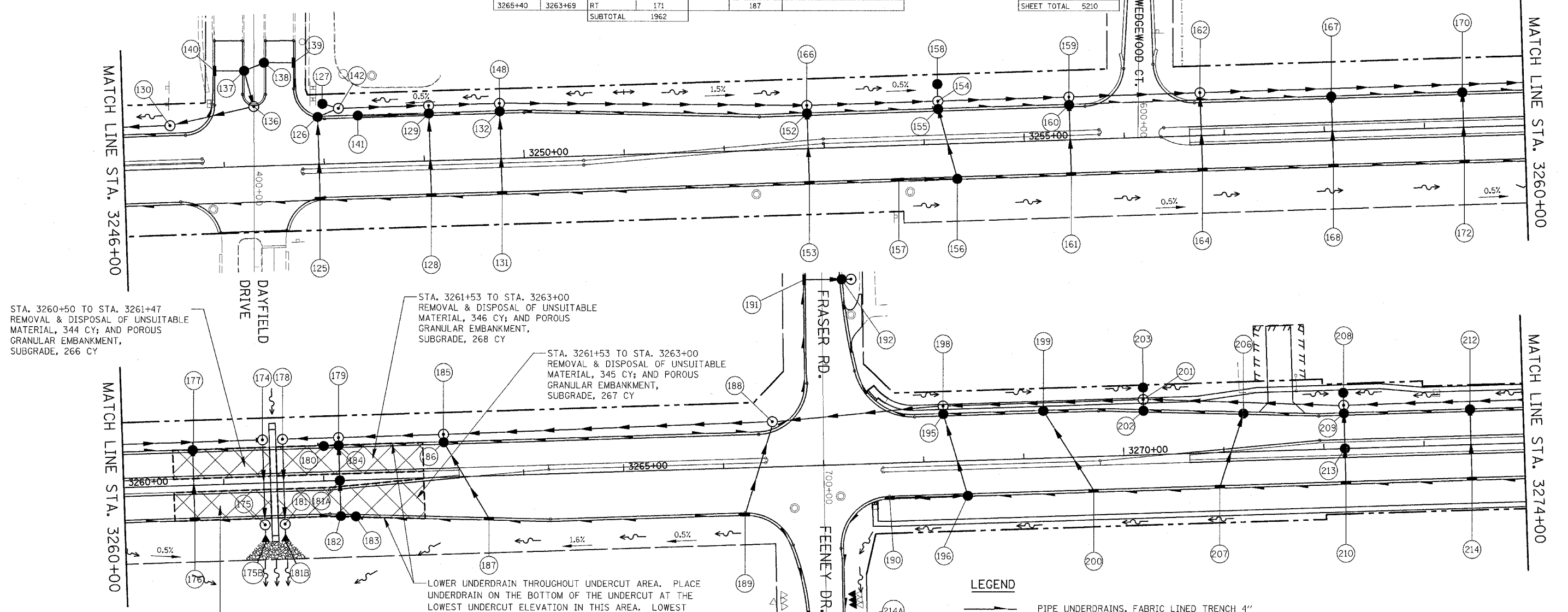


FAP NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(113 & 114) R-5	WILL	525	241
STA. 3246+00		TO STA. 3274+00		
FED. ROAD DIST. NO.		ILLINOIS	FAP 338 (IL RTE. 59)	

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
3246+62	3246+92	LT	72		140	
3247+87	3247+74	LT	50		139	
3248+25	3248+00	LT	25		126	
3248+95	3248+40	LT	55		141	
3248+95	3248+00	RT	95		125	
3249+67	3249+11	LT	56		129	
3249+67	3249+11	RT	56		128	
3250+39	3249+82	LT	57		132	
3251+31	3249+82	RT	149		131	
3251+31	3250+53	LT	78		147	
3251+31	3252+79	LT	148		152	
3251+31	3252+79	RT	148		153	
3252+92	3254+10	LT	118		155	
3252+92	3253+69	RT	77		157	
3253+84	3254+27	RT	43		156	
SUBTOTAL			1227			

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
3254+26	3255+41	LT	115		160	
3254+41	3255+41	RT	100		161	
3255+56	3258+03	LT	247		167	
3255+56	3256+72	RT	116		164	
3256+90	3258+03	RT	113		168	
3258+17	3259+34	LT	117		170	
3258+17	3259+34	RT	117		172	
3259+48	3260+65	LT	117		177	
3259+48	3260+65	RT	117		176	
3261+35	3260+75	LT	60		177	REVERSE SLOPE (MIN. 0.5%)
3261+35	3260+75	RT	60		176	REVERSE SLOPE (MIN. 0.5%)
3261+65	3261+96	LT	31		180	
3261+65	3262+11	RT	46		182	
3262+06	3262+11	LT	5		184	
3262+26	3262+21	RT	5		182	
3263+13	3262+21	LT	92		184	
3263+55	3262+36	RT	119		183	
3265+40	3263+26	LT	214		186	
3265+40	3263+69	RT	171		187	
SUBTOTAL			1962			

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
3265+40	3266+15	RT	75		189	
3265+40	3266+85	LT	268		191	
3266+28	3266+79	RT	122		214B	
3267+57	3267+17	RT	135		214A	
3268+13	3267+25	LT	187		192	
3268+35	3267+70	RT	65		190	
3269+12	3268+26	LT	86		195	
3269+64	3268+48	RT	116		196	
3270+16	3269+26	LT	90		199	
3270+90	3269+74	RT	116		200	
3271+16	3270+26	LT	90		202	
3272+16	3271+25	LT	91		206	
3272+16	3271+00	RT	116		207	
3273+42	3272+26	LT	116		209	
3273+42	3272+26	RT	116		210	
3274+68	3273+52	LT	116		212	
3274+68	3273+52	RT	116		214	
SUBTOTAL			2021			
SHEET TOTAL			5210			



STA. 3260+50 TO STA. 3261+47  
REMOVAL & DISPOSAL OF UNSUITABLE  
MATERIAL, 344 CY; AND POROUS  
GRANULAR EMBANKMENT,  
SUBGRADE, 266 CY

STA. 3261+53 TO STA. 3263+00  
REMOVAL & DISPOSAL OF UNSUITABLE  
MATERIAL, 346 CY; AND POROUS  
GRANULAR EMBANKMENT,  
SUBGRADE, 268 CY

STA. 3261+53 TO STA. 3263+00  
REMOVAL & DISPOSAL OF UNSUITABLE  
MATERIAL, 345 CY; AND POROUS  
GRANULAR EMBANKMENT,  
SUBGRADE, 267 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 598.00.

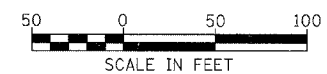
**NOTES:**

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.

STA. 3260+50 TO STA. 3261+47  
REMOVAL & DISPOSAL OF UNSUITABLE  
MATERIAL, 344 CY; AND POROUS  
GRANULAR EMBANKMENT,  
SUBGRADE, 266 CY

**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)



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