

T HANGAR TAXILANE

TAXIWAY C

**NOTE**

1. SEE DRAINAGE SCHEDULE SHEET FOR INFORMATION PERTAINING TO THE PIPES AND STRUCTURES ON THIS SHEET.
2. SHOULD THE ELEVATIONS OF THE EXISTING UNDERDRAIN CONFLICT WITH THOSE OF THE PROPOSED LINE 1, THE CONTRACTOR SHALL INSTALL A COLLECTION STRUCTURE AT THE INTERSECTION. AN ADDITIONAL COLLECTION STRUCTURE HAS BEEN INCLUDED IN THE PLAN QUANTITIES FOR THIS PURPOSE.
3. UNDERDRAIN PIPE SHALL BE INSTALLED AT A CONSTANT OFFSET AS SHOWN ON THE UNDERDRAIN DETAILS. PIPE OFFSETS WILL VARY WHEN CONNECTING TO CLEANOUTS AND COLLECTION STRUCTURES, BUT SHALL IMMEDIATELY TAPER BACK TO THE STANDARD OFFSET.

**UNDERDRAIN STRUCTURE SCHEDULE**

STRUCTURE	TYPE	STATION	OFFSET	RIM ELEV	INVERT ELEV.
CO-1	CLEANOUT TYPE 1	20+39	26' RT	651.70'	648.70'
CS-1	COLLECTION STRUCTURE	15+63	30' RT	647.70'	644.70'
CO-2	CLEANOUT TYPE 1	13+15	49.2' RT	650.25'	647.66'
CO-3	CLEANOUT TYPE 1	13+02	25.4 LT	650.22'	647.86'

**UNDERDRAIN PIPE SCHEDULE**

LINE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT	DOWNSTREAM INVERT	LENGTH (FT.)	SLOPE	PIPE
LINE-1	CO-1	CS-1	648.70'	644.70'	400'	1.00%	4" PERFORATED
LINE-2	CO-2	CS-1	647.66'	644.70'	251'	1.18%	4" PERFORATED
LINE-3	CS-1	IN-1	644.70'	644.41'	58'	0.50%	4" NON-PERFORATED
LINE-4	CO-3	IN-1	647.86'	646.27'	244'	0.65%	4" PERFORATED

NORTH  
**KEYMAP**

THIS SHEET

FILE: GRAEDRAIN01.dwg  
UPDATE BY: Andrew Bodine  
PLOT DATE: 1/13/2014 11:57 AM  
Keymap  
Base-Combined  
1204201-C-UPDR  
DNVBase\_StatePlane

**VE048**

REVISIONS		
NUMBER	BY	DATE

0 1 2  
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

VERMILION REGIONAL AIRPORT  
VERMILION REGIONAL AIRPORT AUTHORITY  
DANVILLE, ILLINOIS

RELOCATE TAXIWAY C AND WIDEN FILLETS  
GRADING & DRAINAGE PLAN

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DESIGN BY: AJB  
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CHECKED BY: TJH  
APPROVED BY: CET  
DATE: JANUARY 3, 2014  
JOB No: 120420100  
IL PROJ. NO. DNV-4229  
SBG PROJ. NO. 3-17-SBGP-XX  
SHEET 13 OF 27 SHEETS

**LEGEND**

- EIN-1 EXISTING INLET
- IN-1 PROPOSED INLET
- UD — EXISTING UNDERDRAIN
- UD — PROPOSED UNDERDRAIN
- SS — EXISTING STORM SEWER
- ST — PROPOSED STORM SEWER
- 590 — PROPOSED CONTOUR
- - - 590 - - - EXISTING CONTOUR
- - - GRADING LIMITS

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