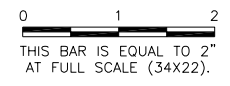


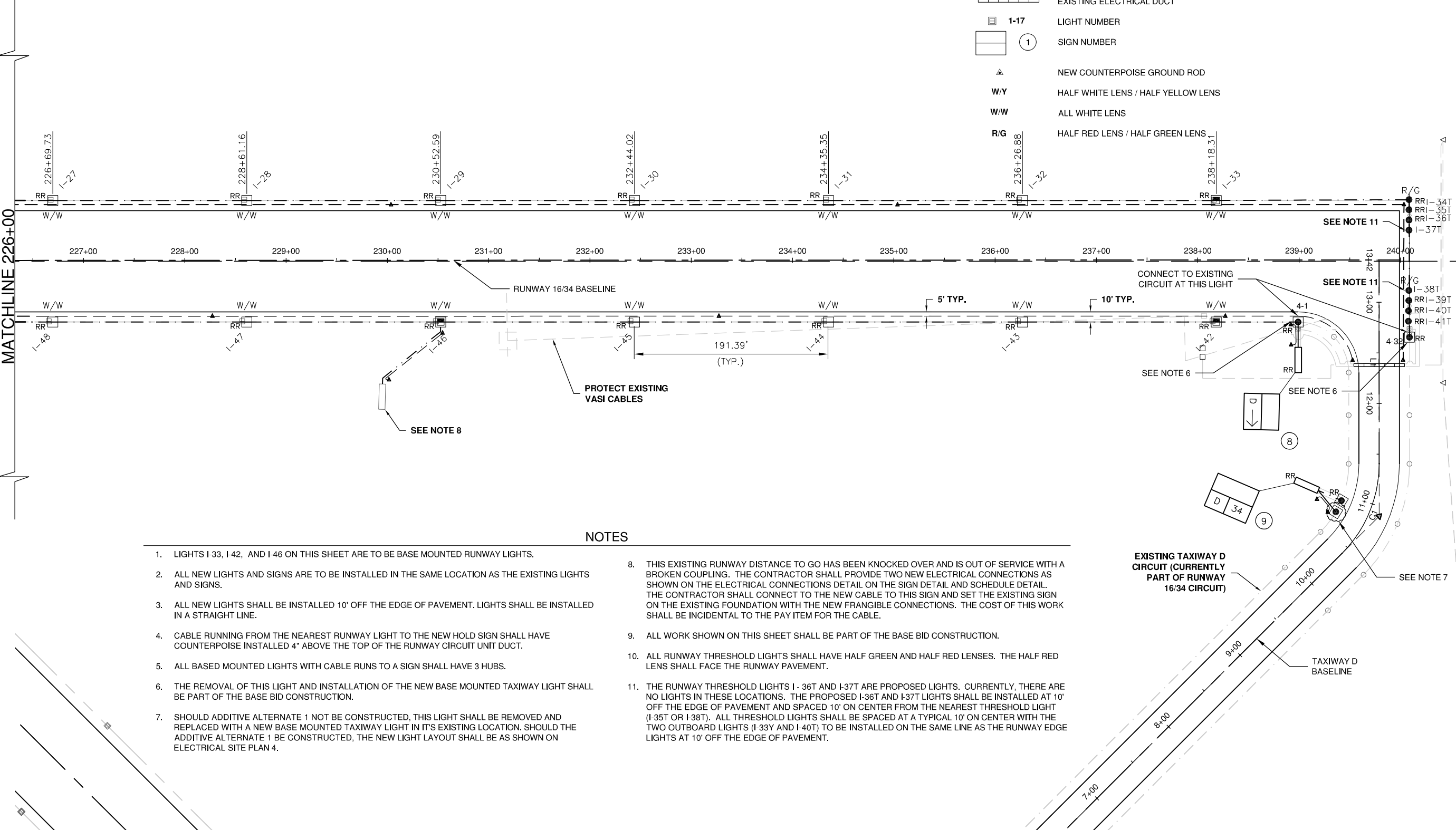
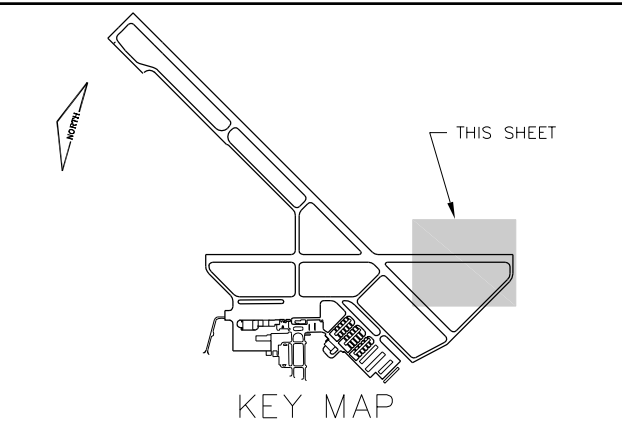
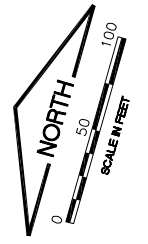
VE049

REVISIONS		
NUMBER	BY	DATE



LEGEND

- RR EXISTING RUNWAY LIGHT TO BE REMOVED AND REPLACED WITH NEW STAKE MOUNTED RUNWAY LIGHT
- RR EXISTING RUNWAY LIGHT TO BE REMOVED AND REPLACED WITH NEW BASE MOUNTED RUNWAY LIGHT
- RR EXISTING RUNWAY THRESHOLD LIGHT TO BE REMOVED AND REPLACED
- RR EXISTING TAXIWAY LIGHT TO BE REMOVED AND REPLACED WITH NEW BASE MOUNTED TAXIWAY LIGHT
- RR EXISTING AIRFIELD SIGN TO BE REMOVED AND REPLACED
- - - - - NEW RUNWAY 16/34 CIRCUIT (1/C #8 5KV UG CABLE IN U.D.)
- - - - - NEW SIGN AND HOMERUN CABLE (2-1/C 5KV UG CABLE IN U.D.)
- - - - - NEW COUNTERPOISE CABLE (1/C #6 COUNTERPOISE)
- EXISTING ELECTRICAL DUCT
- LIGHT NUMBER
- SIGN NUMBER
- NEW COUNTERPOISE GROUND ROD
- W/Y HALF WHITE LENS / HALF YELLOW LENS
- W/W ALL WHITE LENS
- R/G HALF RED LENS / HALF GREEN LENS



NOTES

1. LIGHTS I-33, I-42, AND I-46 ON THIS SHEET ARE TO BE BASE MOUNTED RUNWAY LIGHTS.
2. ALL NEW LIGHTS AND SIGNS ARE TO BE INSTALLED IN THE SAME LOCATION AS THE EXISTING LIGHTS AND SIGNS.
3. ALL NEW LIGHTS SHALL BE INSTALLED 10' OFF THE EDGE OF PAVEMENT. LIGHTS SHALL BE INSTALLED IN A STRAIGHT LINE.
4. CABLE RUNNING FROM THE NEAREST RUNWAY LIGHT TO THE NEW HOLD SIGN SHALL HAVE COUNTERPOISE INSTALLED 4" ABOVE THE TOP OF THE RUNWAY CIRCUIT UNIT DUCT.
5. ALL BASED MOUNTED LIGHTS WITH CABLE RUNS TO A SIGN SHALL HAVE 3 HUBS.
6. THE REMOVAL OF THIS LIGHT AND INSTALLATION OF THE NEW BASE MOUNTED TAXIWAY LIGHT SHALL BE PART OF THE BASE BID CONSTRUCTION.
7. SHOULD ADDITIVE ALTERNATE 1 NOT BE CONSTRUCTED, THIS LIGHT SHALL BE REMOVED AND REPLACED WITH A NEW BASE MOUNTED TAXIWAY LIGHT IN ITS EXISTING LOCATION. SHOULD THE ADDITIVE ALTERNATE 1 BE CONSTRUCTED, THE NEW LIGHT LAYOUT SHALL BE AS SHOWN ON ELECTRICAL SITE PLAN 4.
8. THIS EXISTING RUNWAY DISTANCE TO GO HAS BEEN KNOCKED OVER AND IS OUT OF SERVICE WITH A BROKEN COUPLING. THE CONTRACTOR SHALL PROVIDE TWO NEW ELECTRICAL CONNECTIONS AS SHOWN ON THE ELECTRICAL CONNECTIONS DETAIL ON THE SIGN DETAIL AND SCHEDULE DETAIL. THE CONTRACTOR SHALL CONNECT TO THE NEW CABLE TO THIS SIGN AND SET THE EXISTING SIGN ON THE EXISTING FOUNDATION WITH THE NEW FRANGIBLE CONNECTIONS. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM FOR THE CABLE.
9. ALL WORK SHOWN ON THIS SHEET SHALL BE PART OF THE BASE BID CONSTRUCTION.
10. ALL RUNWAY THRESHOLD LIGHTS SHALL HAVE HALF GREEN AND HALF RED LENSES. THE HALF RED LENS SHALL FACE THE RUNWAY PAVEMENT.
11. THE RUNWAY THRESHOLD LIGHTS I-36T AND I-37T ARE PROPOSED LIGHTS. CURRENTLY, THERE ARE NO LIGHTS IN THESE LOCATIONS. THE PROPOSED I-36T AND I-37T LIGHTS SHALL BE INSTALLED AT 10' OFF THE EDGE OF PAVEMENT AND SPACED 10' ON CENTER FROM THE NEAREST THRESHOLD LIGHT (I-35T OR I-38T). ALL THRESHOLD LIGHTS SHALL BE SPACED AT A TYPICAL 10' ON CENTER WITH THE TWO OUTBOARD LIGHTS (I-33Y AND I-40T) TO BE INSTALLED ON THE SAME LINE AS THE RUNWAY EDGE LIGHTS AT 10' OFF THE EDGE OF PAVEMENT.

**VERMILION REGIONAL AIRPORT AUTHORITY
 VERMILION REGIONAL AIRPORT
 DANVILLE, ILLINOIS**

**REHABILITATE LIGHTS ON RUNWAY 16/34
 ELECTRICAL SITE PLAN 3**

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SHEET 10 OF 14 SHEETS	