

CONSTRUCTION PLANS FOR TAYLORVILLE MUNICIPAL AIRPORT

CITY OF TAYLORVILLE
TAYLORVILLE, ILLINOIS

ILLINOIS PROJECT TAZ - 4096 S. B. G. PROJECT 3-17-0100-B13 CONSTRUCT TAXIWAY EXTENSION

MARCH 13, 2013

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ITEM NO.	Description	UNIT	QUANTITY
AR108158	1/C #8 5 KV UG CABLE IN UD	LF	5,400
AR109210	VAULT MODIFICATIONS	EA	1
AR109331	15 KW REGULATOR, STYLE 1	EA	1
AR110014	4" DIRECTIONAL BORE	LF	56
AR110102	DUCT MARKER - IN PAVEMENT	EA	4
AR110504	4-WAY CONCRETE ENCASED DUCT	LF	45
AR125410	MIL-STAKE MOUNTED	EA	28
AR125415	MIL-BASE MOUNTED	EA	11
AR125444	TAXI GUIDANCE SIGN, 4 CHARACTER	EA	2
AR125447	TAXI GUIDANCE SIGN, 7 CHARACTER	EA	3
AR800242	REPLACE SIGN FACE	EA	1
AR125565	SPLICE CAN	EA	1
AR125901	REMOVE STAKE MOUNTED LIGHT	EA	19
AR125904	REMOVE TAXI GUIDANCE SIGN	EA	4
AR150510	ENGINEER'S FIELD OFFICE	LS	1
AR150520	MOBILIZATION	LS	1
AR152410	UNCLASSIFIED EXCAVATION	CY	950
AR155540	BY-PRODUCT LIME	TON	100
AR155612	SOIL PROCESSING-12"	SY	3,900
AR156510	SILT FENCE	LF	500
AR156515	STRAW WATTLE	LF	300
AR156520	INLET PROTECTION	EA	1
AR156530	TEMPORARY SEEDING	AC	2
AR209611	CRUSHED AGG. BASE COURSE - 11"	SY	3,800
AR401610	BITUMINOUS SURFACE COURSE	TON	325
AR401921	REMOVE PAVEMENT	SY	427
AR403610	BITUMINOUS BASE COURSE	TON	575
AR602510	BITUMINOUS PRIME COAT	GAL	1,925
AR603510	BITUMINOUS TACK COAT	GAL	870
AR620520	PAVEMENT MARKING-WATERBORNE	SF	2,450
AR620525	PAVEMENT MARKING-BLACK BORDER	SF	2,975
AR620900	PAVEMENT MARKING REMOVAL	SF	400
AR705524	4" PERFORATED UNDERDRAIN W/ SOCK	LF	1,853
AR705544	4" NON PERFORATED UNDERDRAIN	LF	200
AR705635	UNDERDRAIN COLLECTION STRUCTURE	EA	2
AR705640	UNDERDRAIN CLEANOUT	EA	4
AR800336	VEGETATION CONTROL RING	EA	39
AR901510	SEEDING	AC	2
AR904510	SODDING	SY	1,300
AR908510	MULCHING	AC	2
AR908520	EXCELSIOR BLANKET	SY	500
AR908525	KNITTED STRAW MATT	SY	1,300



THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACTUAL LOCATIONS OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF HIS OPERATIONAL PLANS, OBTAIN FROM RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION AND THE ONE-CALL NOTICE SYSTEM. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH UTILITY OR SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.

DESIGN INFORMATION

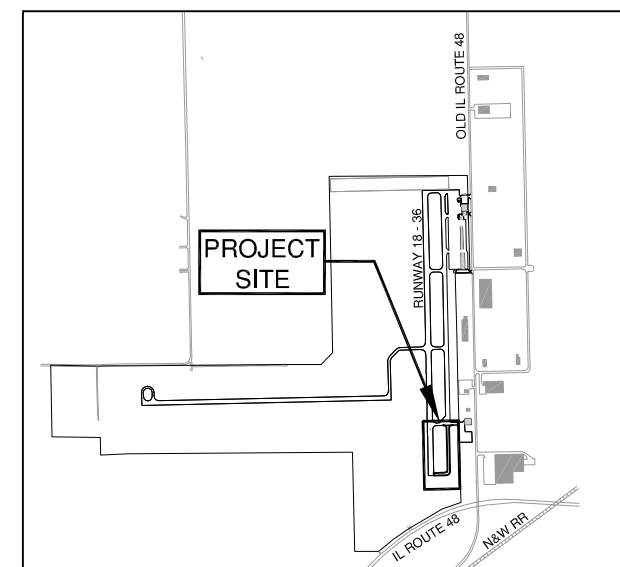
- GEOMETRIC CRITERIA
- AIRPLANE DESIGN GROUP II
- TAXIWAY DESIGN GROUP II
- PAVEMENT DESIGN CRITERIA
- AIRCRAFT SINGLE WHEEL GEAR
- DEPARTURE WEIGHT = 12,500 LBS.
- 100 ANNUAL DEPARTURES

CALL J.U.L.I.E.
BEFORE EXCAVATING
1-800-892-0123

TOWNSHIP: 13 NORTH
RANGE: 2 WEST OF THE 4TH P.M.
SECTION: 32
COUNTY: CHRISTIAN
CIVIL TOWNSHIP: TAYLORVILLE



LOCATION MAP



SITE PLAN

Exp. 11/30/2013

 Christopher B. Groth
 3/19/2013

**CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, ILLINOIS**

APPROVED
MAYOR
DATE 3/14/13

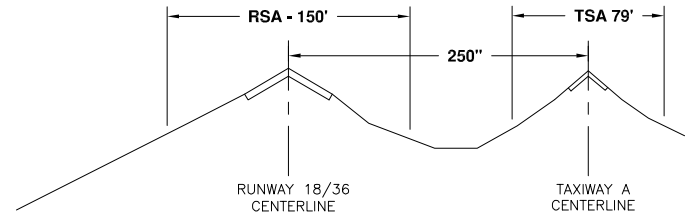
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DATE 3/14/13

CMT
CRAWFORD MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 ■ SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

SUBMITTED BY
 DATE 3/19/2013
 CMT JOB NUMBER 11050-01

GENERAL NOTES

- 1.) ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
- 2.) ALL CONSTRUCTION TRAFFIC OPERATING ON OR CROSSING RUNWAYS, TAXIWAYS, AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL OF FLAGMAN MONITORING RADIO TRANSMISSIONS ON UNICOM FREQUENCY 122.8 MHZ. THE CONTRACTOR SHALL PROVIDE HIS OWN RADIOS AND ONLY HIS PERSONNEL WHO ARE FAMILIAR WITH AIRCRAFT OPERATIONS.
- 3.) WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT MANAGER. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE MID-AMERICA SPORT PARACHUTE CLUB TO ENSURE THAT NO CONSTRUCTION ACTIVITIES OR STORAGE LOCATIONS ARE WITHIN THE LANDING ZONE.
- 4.) THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN. THE MAXIMUM HEIGHT OF EQUIPMENT, MATERIALS AND STOCKPILES SHALL BE 19' ABOVE GROUND ELEVATION.
- 5.) ELECTRICAL AND OTHER MISCELLANEOUS REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR OFF OF AIRPORT PROPERTY.
- 6.) ALL PAVEMENTS, DRIVES, OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND AIRPORT MANAGER. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- 7.) THE CONTRACTOR SHALL CONTINUOUSLY CLEAN CONSTRUCTION AREAS WHICH WILL BE OPENED TO AIR TRAFFIC.
- 8.) IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES WITHIN THE PROJECT SITE SO AS TO AVOID ANY DAMAGE. ANY UTILITY, INCLUDING AIRFIELD ELECTRICAL CABLE AND LIGHTS, DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE IN A MANNER WHICH IS SATISFACTORY TO THE ENGINEER AND TO THE OWNER OF THE UTILITY. ANY REPAIRS THAT MUST BE MADE BY THE OWNER OF THE UTILITY SHALL HAVE THE COST REIMBURSED TO THE UTILITY BY THE CONTRACTOR. AIRFIELD LIGHTING CABLES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY A QUALIFIED ELECTRICIAN WITH THE COSTS TO BE BORNE BY THE CONTRACTOR.
- 9.) CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
 - A.) THE CONTRACTOR'S ACCESS TO WORK SHALL BE AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN.
 - B.) THE CONTRACTOR SHALL COORDINATE ACCESS TO THE AIRFIELD WITH THE AIRPORT.
 - C.) CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY EASEMENTS FOR THE ACCESS ROAD(S) SHOWN AND SHALL COMPLY WITH ALL TRAFFIC CONTROL SIGNAGE REQUIRED BY THE COUNTY, TOWNSHIP, OR I.D.O.T. .
 - D.) DURING ADVERSE WEATHER THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF THE CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK SITE.
 - E.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE(S) CLOSED DURING WORK HOURS.
 - F.) ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - G.) THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS NOT TO VIOLATE AIRPORT PART 77 SURFACES, OR RUNWAY , TAXIWAY SAFETY AREAS, AND OBJECT FREE AREAS.
 - H.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ACTIVE AIRFIELD PAVEMENTS WHICH ARE CROSSED BY HIS VEHICLES ACCESSING THE WORK OR DEPARTING THE WORK IMMEDIATELY FOLLOWING SAID VEHICLE.
 - I.) THE CONTRACTOR MAY USE ALTERNATE AIRPORT GATES TO DELIVER LARGER EQUIPMENT TO THE JOB SITE. THE CONTRACTOR SHALL COORDINATE ARRIVAL AND DEPARTURE OF THESE DELIVERIES WITH THE AIRPORT THROUGH THE RESIDENT ENGINEER.

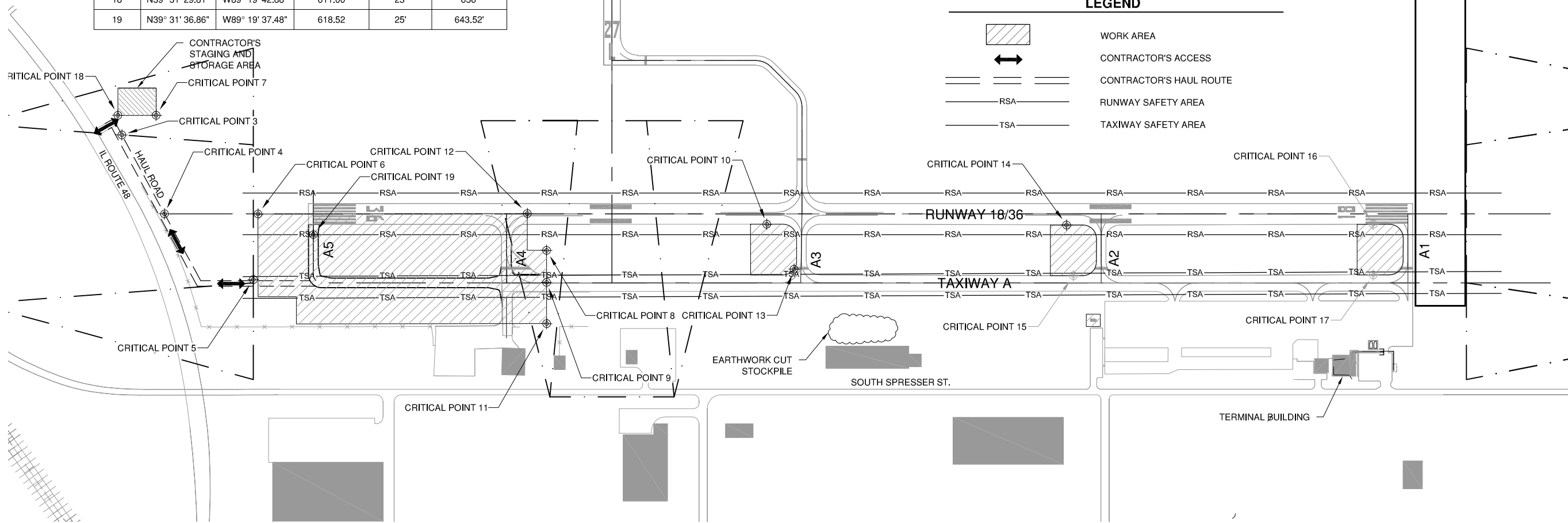


SECTION VIEW

N.T.S.

CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	ABOVE GROUND	TOP ELEVATION
3	N39° 31' 29.96"	W89° 19' 41.98"	610.00	15'	625'
4	N39° 31' 31.52"	W89° 19' 38.36"	612.38	15'	627.38'
5	N39° 31' 34.73"	W89° 19' 35.37"	614.05	15'	629.05'
6	N39° 31' 34.87"	W89° 19' 38.40"	615.49	25'	640.49'
7	N39° 31' 31.18"	W89° 19' 42.91"	611.00	25'	636'
8	N39° 31' 45.21"	W89° 19' 36.88"	619.21	25'	644.21'
9	N39° 31' 45.23"	W89° 19' 35.40"	622.76	25'	647.76'
10	N39° 31' 53.08"	W89° 19' 38.21"	616.00	25'	641'
11	N39° 31' 45.25"	W89° 19' 33.50"	619.81	25'	644.81'
12	N39° 31' 44.51"	W89° 19' 38.57"	621.69	25'	646.69'
13	N39° 31' 54.08"	W89° 19' 36.14"	617.00	25'	642'
14	N39° 32' 03.82"	W89° 19' 38.34"	616.00	25'	641'
15	N39° 32' 04.08"	W89° 19' 36.00"	616.00	25'	641'
16	N39° 32' 14.80"	W89° 19' 38.54"	615.00	25'	640'
17	N39° 32' 14.82"	W89° 19' 36.19"	616.00	25'	641'
18	N39° 31' 29.81"	W89° 19' 42.88"	611.00	25'	636'
19	N39° 31' 36.86"	W89° 19' 37.48"	618.52	25'	643.52'



LEGEND

- WORK AREA
- CONTRACTOR'S ACCESS
- CONTRACTOR'S HAUL ROUTE
- RSA
- TSA

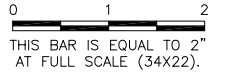
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 TAZ-V-AF3D
 TAZ-V-ALAE

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TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE AIRPORT
TAYLORVILLE, ILLINOIS

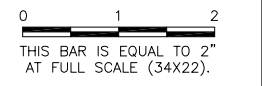
TAXIWAY EXTENSION
SITE PLAN

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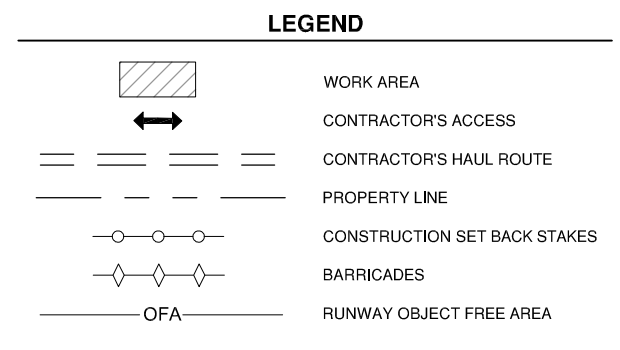
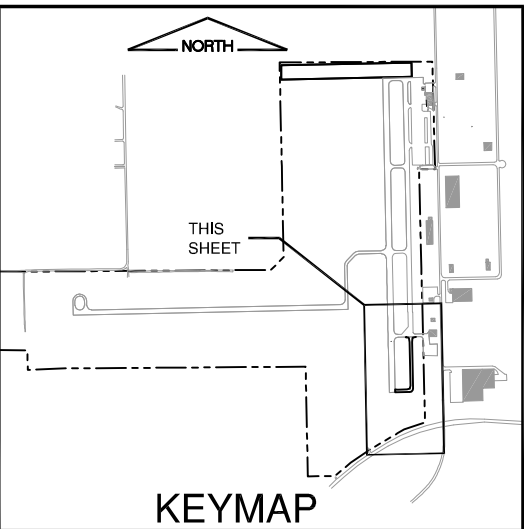
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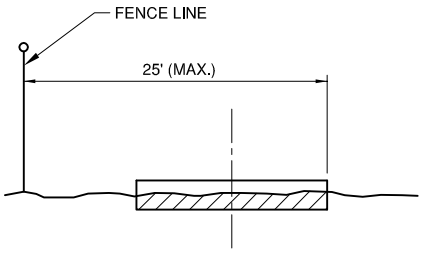
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE AIRPORT
TAYLORVILLE, ILLINOIS
TAXIWAY EXTENSION
CONSTRUCTION ACTIVITY PLAN 1

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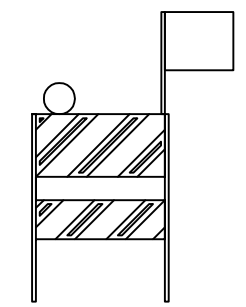
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SHEET 03 OF 25 SHEETS	



- CONSTRUCTION PHASE 1 NOTES**
- CONTRACTOR SHALL ACCESS THE SITE THROUGH TEMPORARY HAUL ROAD.
 - HAUL ROAD SHALL BE OUTSIDE OF TAXIWAY SAFETY AREA AND RUNWAY OBJECT FREE AREA BUT ALSO REMAIN ON AIRPORT PROPERTY.
 - RUNWAY 18/36 AND TAXIWAY SHALL REMAIN OPEN FOR THIS PHASE OF THE PROJECT.
 - CONSTRUCTION ACTIVITIES WILL INCLUDE EMBANKMENT EXCAVATION, PAVEMENT CONSTRUCTION, DRAINAGE IMPROVEMENTS, ELECTRICAL IMPROVEMENTS, PAVEMENT MARKING AND TURFING.
 - CONTRACTOR'S EQUIPMENT SHALL BE RESTRICTED TO 15' MAXIMUM HEIGHT WHEN ACCESSING THE HAUL ROUTE AND SHALL BE NO MORE THAN 25' FROM THE EXISTING FENCE WHILE RUNWAY 18-36 IS OPENED. DELIVERY VEHICLES AND EQUIPMENT GREATER 15' WILL REQUIRE THE CONTRACTOR TO COORDINATE WITH THE AIRPORT THROUGH THE RESIDENT ENGINEER TO ENSURE THAT THE RUNWAY 36 APPROACH SURFACE REMAINS PROTECTED.

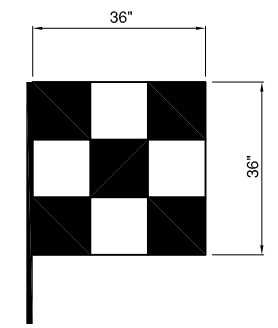
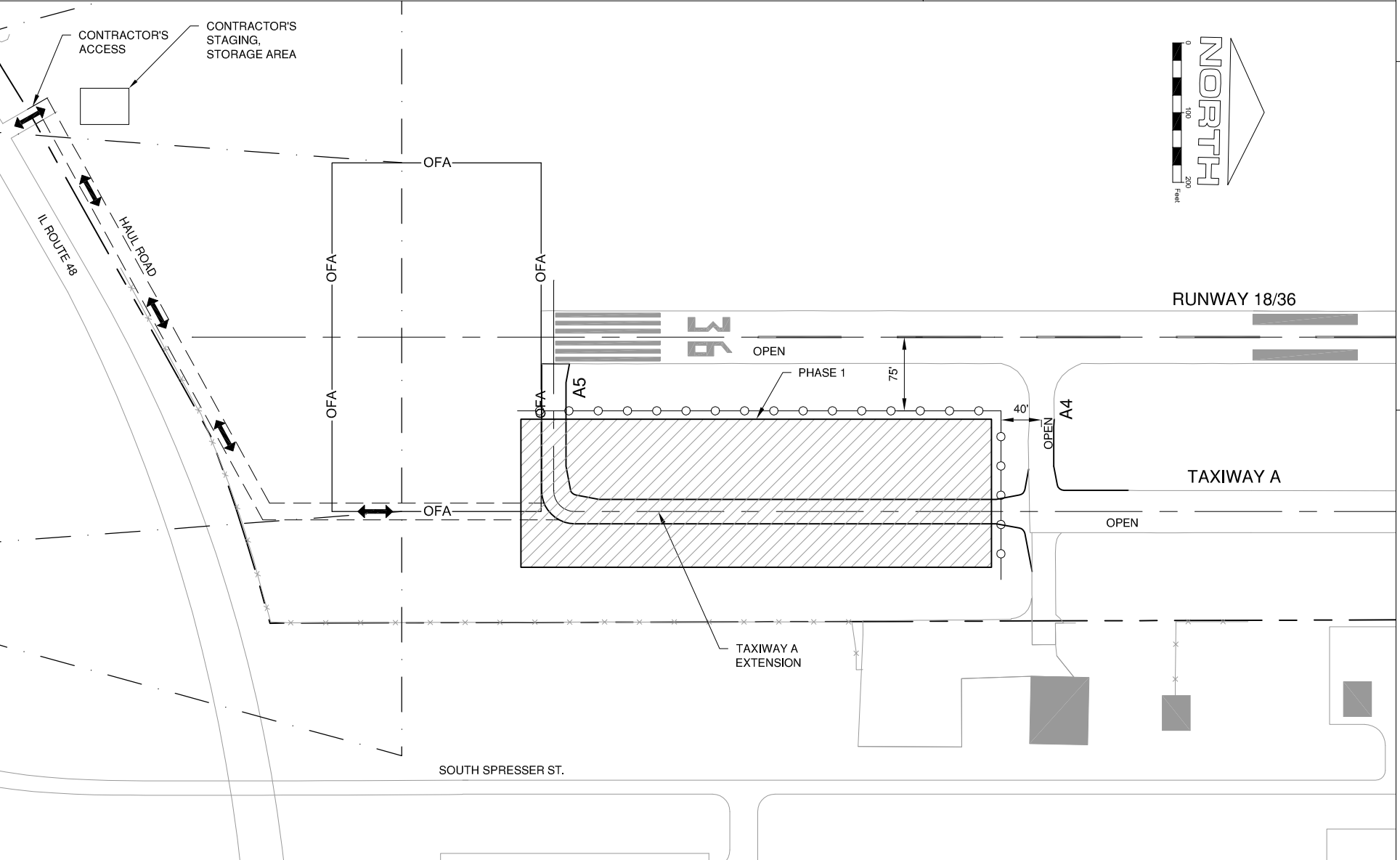


HAUL ROUTE LOCATION
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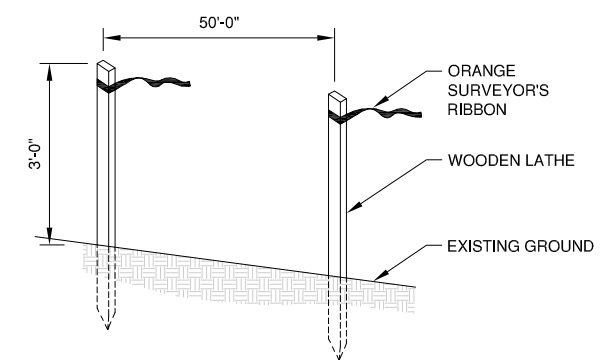


FLASHER BARRICADE DETAIL
N.T.S.

- NOTES**
- STEADY BURN TO BE BATTERY OPERATED OMNI DIRECTIONAL LENS TO BE RED.
 - SANDBAGS TO BE PLACED ON EACH SUPPORT BRACE AS REQUIRED TO PREVENT DISPLACEMENT BY WIND, JET OR PROP BLAST.
 - NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
 - PLACE AT 15' INTERVALS.
 - ONE 20" x 20" ORANGE FLAG TO BE INSTALLED ON EACH BARRICADE AND SECURELY FASTENED.



TRUCK SIGNAL FLAG
ORANGE / WHITE
N.T.S.



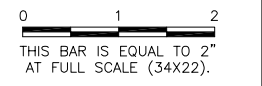
CONSTRUCTION SETBACK LINE DETAIL
N.T.S.

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TAZ-C-SPAL
 TAZ-V-AF3D
 TAZ-V-ALAEER
 TAZ-E-AL
 TAZ Exst Base
 KEYMAP

TA005



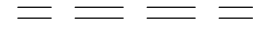

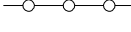

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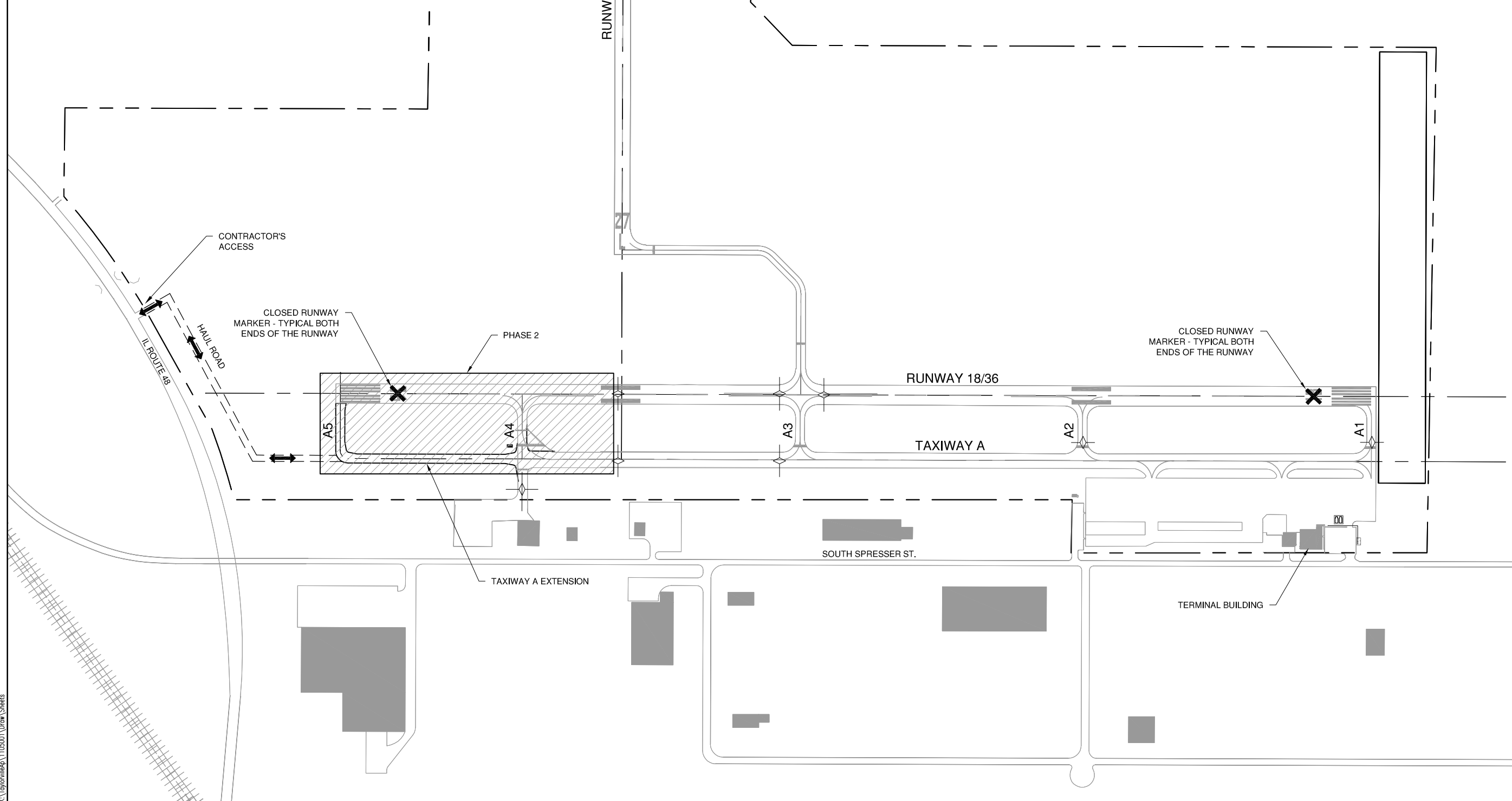
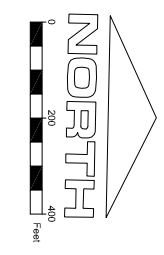
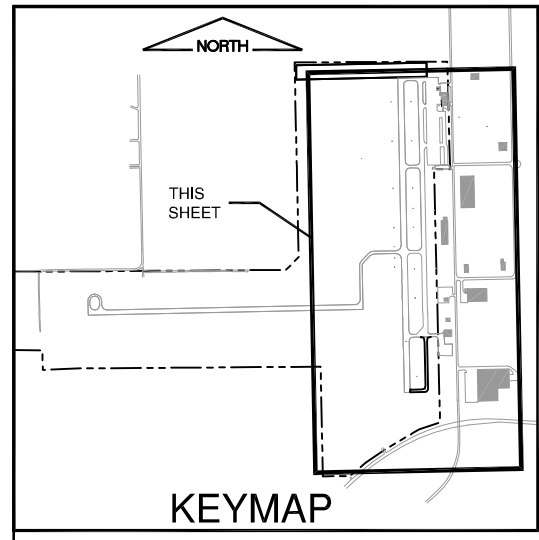


CONSTRUCTION PHASE 2 NOTES:

1. THIS PHASE WILL REQUIRE RUNWAY 18/36 BE CLOSED. THE CONTRACTOR SHALL GIVE THE AIRPORT 72 HOURS NOTICE PRIOR TO CLOSING THE RUNWAY.
2. THE CONTRACTOR WILL HAVE 12 CONSECUTIVE DAYS TO HAVE THE RUNWAY CLOSED. CONTRACTOR SHALL SCHEDULE RUNWAY CLOSURE TO LIMIT THE IMPACT OF THE CLOSURE ON THE AIRPORT.
3. CONSTRUCTION ON THIS PHASE SHALL CONSIST OF EMBANKMENT EXCAVATION, PAVEMENT CONSTRUCTION, ELECTRICAL IMPROVEMENTS, PAVEMENT MARKING AND TURFING.
4. UPON COMPLETION OF WORK ITEMS WITHIN PHASE 2, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND AIRPORT THAT SAFETY AREA (S) ARE ACCEPTABLE PRIOR TO REMOVING RUNWAY CLOSURE MARKERS.

LEGEND

-  WORK AREA
-  CONTRACTOR'S ACCESS
-  CONTRACTOR'S HAUL ROUTE
-  PROPERTY LINE
-  CONSTRUCTION SET BACK STAKES
-  BARRICADES



TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS

**TAXIWAY EXTENSION
 CONSTRUCTION ACTIVITY PLAN 2**

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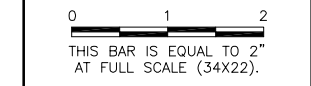
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
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**TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS**

**TAXIWAY EXTENSION
 CONSTRUCTION ACTIVITY PLAN 3**

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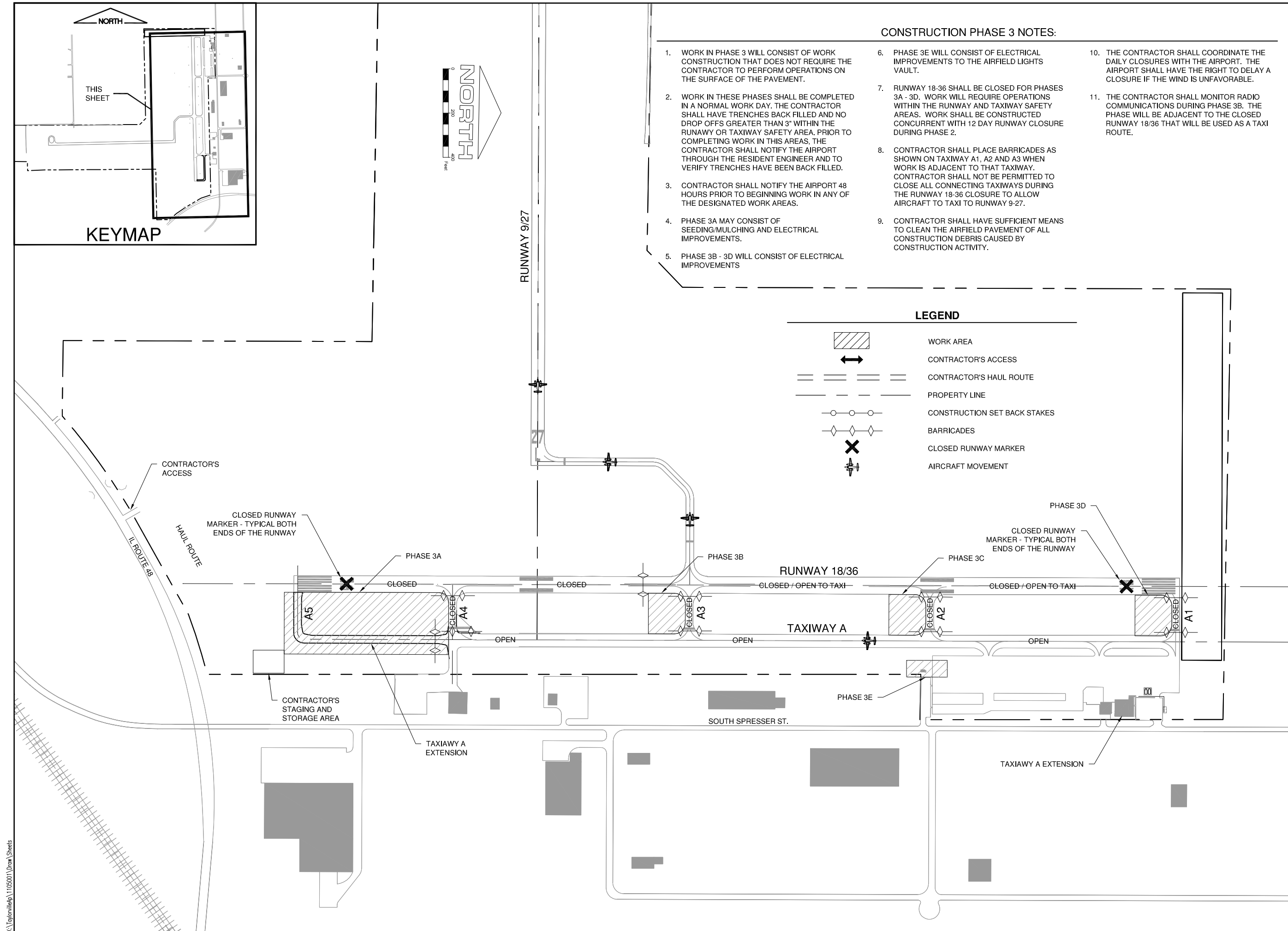
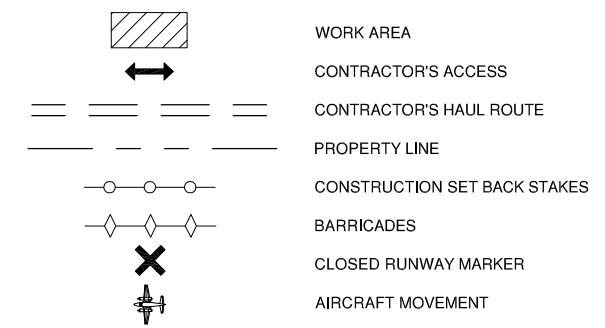
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SHEET	05 OF 25 SHEETS

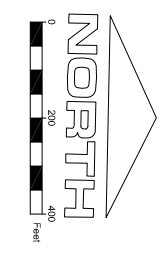
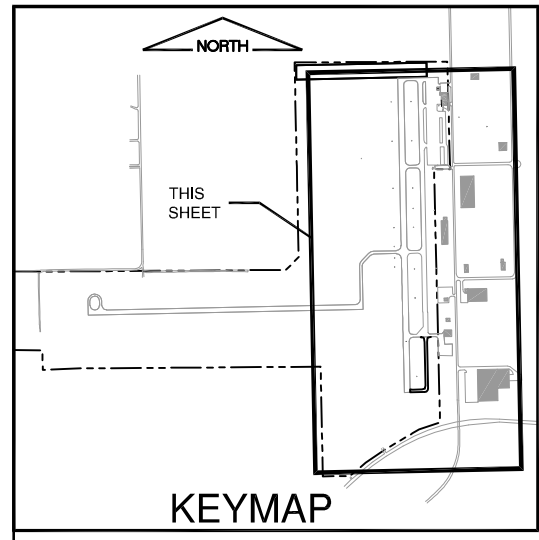
CONSTRUCTION PHASE 3 NOTES:

1. WORK IN PHASE 3 WILL CONSIST OF WORK CONSTRUCTION THAT DOES NOT REQUIRE THE CONTRACTOR TO PERFORM OPERATIONS ON THE SURFACE OF THE PAVEMENT.
2. WORK IN THESE PHASES SHALL BE COMPLETED IN A NORMAL WORK DAY. THE CONTRACTOR SHALL HAVE TRENCHES BACK FILLED AND NO DROP OFFS GREATER THAN 3" WITHIN THE RUNAWY OR TAXIWAY SAFETY AREA. PRIOR TO COMPLETING WORK IN THIS AREAS, THE CONTRACTOR SHALL NOTIFY THE AIRPORT THROUGH THE RESIDENT ENGINEER AND TO VERIFY TRENCHES HAVE BEEN BACK FILLED.
3. CONTRACTOR SHALL NOTIFY THE AIRPORT 48 HOURS PRIOR TO BEGINNING WORK IN ANY OF THE DESIGNATED WORK AREAS.
4. PHASE 3A MAY CONSIST OF SEEDING/MULCHING AND ELECTRICAL IMPROVEMENTS.
5. PHASE 3B - 3D WILL CONSIST OF ELECTRICAL IMPROVEMENTS
6. PHASE 3E WILL CONSIST OF ELECTRICAL IMPROVEMENTS TO THE AIRFIELD LIGHTS VAULT.
7. RUNWAY 18-36 SHALL BE CLOSED FOR PHASES 3A - 3D. WORK WILL REQUIRE OPERATIONS WITHIN THE RUNWAY AND TAXIWAY SAFETY AREAS. WORK SHALL BE CONSTRUCTED CONCURRENT WITH 12 DAY RUNWAY CLOSURE DURING PHASE 2.
8. CONTRACTOR SHALL PLACE BARRICADES AS SHOWN ON TAXIWAY A1, A2 AND A3 WHEN WORK IS ADJACENT TO THAT TAXIWAY. CONTRACTOR SHALL NOT BE PERMITTED TO CLOSE ALL CONNECTING TAXIWAYS DURING THE RUNWAY 18-36 CLOSURE TO ALLOW AIRCRAFT TO TAXI TO RUNWAY 9-27.
9. CONTRACTOR SHALL HAVE SUFFICIENT MEANS TO CLEAN THE AIRFIELD PAVEMENT OF ALL CONSTRUCTION DEBRIS CAUSED BY CONSTRUCTION ACTIVITY.
10. THE CONTRACTOR SHALL COORDINATE THE DAILY CLOSURES WITH THE AIRPORT. THE AIRPORT SHALL HAVE THE RIGHT TO DELAY A CLOSURE IF THE WIND IS UNFAVORABLE.
11. THE CONTRACTOR SHALL MONITOR RADIO COMMUNICATIONS DURING PHASE 3B. THE PHASE WILL BE ADJACENT TO THE CLOSED RUNWAY 18/36 THAT WILL BE USED AS A TAXI ROUTE.

LEGEND



KEYMAP



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GENERAL

- 1. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW THE REQUIREMENTS OF THE AIRPORT'S APPROVED CONSTRUCTION SAFETY AND PHASING PLAN (CSPP) FOR THIS PROJECT, FAA AC 150/5370-2F, AND ALL AIRPORT SAFETY AND SECURITY REQUIREMENTS.
2. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE AIRPORT FOR APPROVAL A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) IN ACCORDANCE WITH FAA AC 150/5370-2F. NO CONSTRUCTION ACTIVITY SHALL BEGIN UNTIL THE AIRPORT HAS APPROVED THE SPCD.
3. THE CSPP COVERS OPERATIONAL SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INDIVIDUAL SAFETY OF HIS/HER PERSONNEL AND MEETING OSHA REQUIREMENTS.
4. A MINIMUM OF 10 DAYS PRIOR TO THE PRECONSTRUCTION MEETING THE CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS AND MATERIAL SUPPLIERS.
5. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL SIGN THE STORM WATER POLLUTION PREVENTION PROGRAM (SWPPP) CERTIFICATION STATEMENT.
6. ALL CONTRACTOR COSTS ASSOCIATED WITH THE REQUIREMENTS LISTED ON THIS SHEET SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNLESS A SPECIFIC PAY ITEM IS PROVIDED.

1. COORDINATION

- 1. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE AIRPORT, ENGINEER, AND ILLINOIS DIVISION OF AERONAUTICS (IDA). THE COST OF PREPARING FOR AND ATTENDING THE PRECONSTRUCTION CONFERENCE SHALL BE INCIDENTAL TO THE CONTRACT.
2. ON OR BEFORE THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT A PROPOSED SCHEDULE FOR THE PROJECT. THE SCHEDULE SHALL INCLUDE A START AND COMPLETION DATE FOR EACH ITEM OF WORK. THE SCHEDULE SHALL BE UPDATED ON AS NEEDED BASIS. ALL COSTS ASSOCIATED WITH THE SCHEDULE SHALL BE INCIDENTAL TO THE CONTRACT.
3. DURING CONSTRUCTION THE CONTRACTOR SHALL ATTEND A COORDINATION MEETINGS WITH THE AIRPORT STAFF AND RESIDENT ENGINEER. ALL COSTS ASSOCIATED WITH ATTENDING THE WEEKLY MEETING SHALL BE INCIDENTAL TO THE CONTRACT.

2. PHASING

- 1. TOTAL CONTRACT TIME SHALL BE 44 CALENDAR DAYS.
2. WORK ON THIS PROJECT LOCATED WITHIN 75' OF THE RUNWAY 18-36 CENTERLINE WILL SEVERLY LIMIT OPERATIONS AT THE AIRPORT. PRIOR TO STARTING WORK THE CONTRACTOR SHALL HAVE ON HAND ALL MATERIALS NECESSARY TO COMPLETE ALL WORK LOCATED WITHIN 75' OF THE RUNWAY 18-36 CENTERLINE.
3. PHASE 1 MAY BE INITIATED BY THE CONTRACTOR WITH THE APPROVAL OF THE AIRPORT MANAGER. IT CONSIST OF ALL WORK NOT WITHIN 75' OF THE RUNWAY 18-36 CENTERLINE. PHASE 2 IS THE WORK THAT REQUIRES THE PRIMARY RUNWAY TO BE CLOSED. THE CONTRACTOR SHALL EXPEDITE ALL WORK WITHIN THE PHASE 2 WORK AREAS TO MINIMIZE THE CLOSURE TIME OF THE RUNWAY. PHASE 2 WILL BE SCHEDULED BY THE CONTRACTOR (APPROVED BY THE AIRPORT MANAGER) DURING THE PHASE 1 CONSTRUCTION.
4. PHASING SHALL BE AS NOTED BELOW AND AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET.

PHASE 1 NOTES

- 1. THIS WORK SHALL CONSIST OF ALL WORK ON THE PROJECT NOT WITHIN 75' OF EITHER SIDE OF THE RUNWAY 18-36 CENTERLINE. DURING THIS PHASE RUNWAY 18-36 WILL REMAIN OPEN. NO PERSONNEL OR EQUIPMENT WILL BE ALLOWED WITHIN 75' OF THE RUNWAY CENTERLINE.
2. WORK IN THIS PHASE SHALL CONSIST OF THE CONSTRUCTION OF THE EMBANKMENT, STORM DRAINAGE, SUBGRADE, AGGREGATE BASE, BITUMINOUS PAVEMENT, AND LIGHTING IMPROVEMENTS ON THE TAXIWAY EXTENSION.

PHASE 2 & 3 NOTES

- 1. THIS WORK SHALL CONSIST OF THE WORK LOCATED WITHIN 75' OF THE RUNWAY CENTERLINE INCLUDING BUT NOT LIMITED TO THE CONSTRUCTION OF PAVEMENT REMOVAL, CONSTRUCTING EMBANKMENT, CABLING AND LIGHTING IMPROVEMENTS
2. THE CONTRACTOR SHALL BE ALLOWED TO CLOSE THE RUNWAY DURING WORKING HOURS TO COMPLETE THE WORK. THE RUNWAY SHALL BE CLEANED AND REOPENED AT THE END OF EACH WORKING DAY. THE SEQUENCE OF CLOSING AND OPENING THE RUNWAY SHALL BE GOVERNED BY THE REQUIREMENTS SET FORTH IN FAA ADVISORY CIRCULAR 5370-2 CURRENT VERSION; IN GENERAL THE SEQUENCE WILL BE:
2.1. COORDINATE CLOSURE WITH THE AIRPORT MANAGER
2.2. NOTIFY AIR TRAFFIC OF RUNWAY CLOSURE
2.3. DISABLE VISUAL AIDS
2.4. PLACE CLOSURE MARKERS
2.5. KEEP EQUIPMENT CLEAR OF THE RUNWAY PROPER AND MONITOR UNICOM

- 2.6. COMPLETE WORK
2.7. CLEAN PAVEMENTS
2.8. COORDINATE OPENING WITH AIRPORT MANAGER
2.9. REMOVE RUNWAY CLOSURE MARKERS
2.10. NOTIFY AIR TRAFFIC

- 3. THE CONTRACTOR SHALL BE GIVEN 12 CONSECUTIVE CALENDAR DAYS, STARTING ON A MONDAY SELECTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT MANAGER TO COMPLETE THE WORK IN PHASE 2
4. LIQUIDATED DAMAGES OF \$500 PER DAY WILL BE CHARGED FOR ANY DAYS BEYOND THE SPECIFIED AMOUNT THAT THE RUNWAY MUST BE CLOSED.
5. THE CONTRACTOR MAY CONTINUE TO WORK IN PHASE 1 AREA DURING PHASE 2

3. AREAS AND OPERATIONS AFFECTED BY THE CONSTRUCTION ACTIVITY

- 1. ALL RUNWAYS, TAXIWAYS AND APRONS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED ON THE PHASING PLAN.
2. WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT.
3. ALL CONSTRUCTION TRAFFIC SHALL IMMEDIATELY YIELD TO ONCOMING AIRCRAFT AT ALL TIMES.

4. PROTECTION OF NAVIGATION AIDS (NAVAIDS)

- 1. THE CONTRACTOR SHALL REMAIN CLEAR OF THE RUNWAY 18 END REILS AFTER INSTALLATION, PAPI, WINDCONE AND OTHER NAVAIDS FACILITIES AT ALL TIMES.

5. CONTRACTOR ACCESS

- 1. CONTRACTOR ACCESS SHALL BE AS NOTED BELOW AND AS SHOWN ON THE SITE PLAN AND CONSTRUCTION ACTIVITY PLAN SHEETS.
2. THE CONTRACTOR IS TO ACCESS THE SITE USING THE ENTRANCE SHOWN.
3. ALL CONTRACTOR EMPLOYEES WHO ARE DESIGNATED AS DRIVERS FOR THE CONTRACTOR DRIVERS OF TRUCKS CONTAINING MATERIAL DELIVERIES (AGGREGATE, CONCRETE, ETC.) SHALL BE REQUIRED TO SUBMIT THEIR NAME, DRIVER'S LICENSE NUMBER, TRUCK LICENSE PLATE NUMBER AND NAME OF TRUCKING COMPANY TO THE PRIME CONTRACTOR PRIOR TO ENTERING THE JOBSITE.
4. THE CONTRACTORS STORAGE AND STAGING AREA WILL BE AS SHOWN IN THE SITE PLAN.
5. THE CONTRACTOR SHALL KEEP A RECORD OF THE NAMES OF ALL EMPLOYEES ENTERING THE JOB SITE ON A DAILY BASIS. A RECORD OF EACH SUBCONTRACTOR ENTERING THE JOB SITE SHALL ALSO BE KEPT BY THE CONTRACTOR.
6. WHEN THE CONTRACTOR IS NOT WORKING, EQUIPMENT SHALL BE STORED AT THE STAGING AREA.
7. THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS ONLY AT THE LOCATIONS SHOWN. PARKED EQUIPMENT AND MATERIAL STOCKPILES SHALL NOT PENETRATE SURFACES DEFINED BY F.A.R. TITLE 14 PART 77 - OBJECTS AFFECTING NAVIGABLE AIRSPACE.

- 8. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS AND HAUL ROUTES WHICH WILL BE OPENED TO AIR TRAFFIC TO THE SATISFACTION OF AIRPORT OPERATIONS OR THE RESIDENT ENGINEER. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED FOR CONSTRUCTION TRAFFIC.
9. ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED TO THE SAME CONDITION OR BETTER THAN THEY WERE PRIOR TO BEGINNING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
10. ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR.
11. THE CONTRACTOR SHALL NOTIFY THE AIRPORT IF CONSTRUCTION ACTIVITY WILL REQUIRE THE BLOCKAGE OF EMERGENCY ACCESS TO THE AIRPORT.

6. WILDLIFE MANAGEMENT

- 1. THE CONTRACTOR SHALL NOTIFY AIRPORT OPERATIONS OR THE ENGINEER IF ANY WILDLIFE IS SEEN ENTERING THE AIRPORT.
2. CONTRACTOR ACCESS GATES SHALL REMAIN CLOSED WHEN THE CONTRACTOR IS NOT WORKING.
3. THE CONTRACTOR SHALL DISPOSE OF ALL TRASH INCLUDING FOOD SCRAPS IN APPROVED CONTRACTOR PROVIDED CONTAINERS.

7. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT

- 1. THE CONTRACTOR SHALL PICK UP ANY FOREIGN OBJECT DEBRIS (FOD) SEEN ON THE AIRFIELD PAVEMENTS.
2. THE CONTRACTOR SHALL SECURE ALL LOOSE ITEMS FROM VEHICLES PRIOR TO DRIVING ON AIRFIELD PAVEMENTS.

8. HAZARDOUS MATERIALS (HAZMAT) MANAGEMENT

- 1. THE CONTRACTOR SHALL DEVELOP A HAZMAT MANAGEMENT PLAN AND KEEP COPIES ON THE JOBSITE OF MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL MATERIALS HANDLED ON THE JOBSITE.

9. NOTIFICATION OF CONSTRUCTION ACTIVITIES

- 1. THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT PERSON AND PHONE NUMBER.
2. THE CONTRACTOR SHALL GIVE A MINIMUM OF 72 HOURS NOTICE TO AIRPORT OPERATIONS PRIOR TO CLOSING ANY PAVEMENTS SO THAT PROPER NOTICE TO AIRMEN (NOTAMS) MAY BE ISSUED BY THE AIRPORT.
3. FOR ANY EQUIPMENT USED BY THE CONTRACTOR WITH A HEIGHT GREATER THAN 25', THE CONTRACTOR SHALL PROVIDE TO THE AIRPORT THE TYPE OF EQUIPMENT, TOTAL HEIGHT, AND LOCATION WHERE THE EQUIPMENT WILL BE USED. THE AIRPORT WILL SUBMIT FAA FORM 7460-1 TO THE FAA FOR AN AIRSPACE STUDY. NO EQUIPMENT WITH A HEIGHT GREATER THAN 25' SHALL BE USED UNTIL A DETERMINATION FROM FAA IS RECEIVED.
4. IN THE EVENT OF AN EMERGENCY, THE CONTRACTOR SHALL CALL 911.
5. CONTACTS FOR THIS PROJECT ARE AS LISTED BELOW.

AIRPORT OPERATOR
BILL NEWBERRY - AIRPORT MANAGER (217) 827-2704
ENGINEER
CHRIS GROTH P.E. - PROJECT ENGINEER (217) 787-8050
CMT - RESIDENT ENGINEER (217) 787-8050

10. INSPECTION REQUIREMENTS

- 1. THE CONTRACTOR SHALL INSPECT THE JOBSITE DAILY TO ENSURE COMPLIANCE WITH THE CSPP. THE CHECKLIST FOUND IN APPENDIX 3 OF FAA AC 150/5370-2F MAY BE USED TO AID IN THE INSPECTIONS.
2. THE CONTRACTOR SHALL ATTEND A FINAL INSPECTION OF EACH PHASE WORK AREA PRIOR TO OPENING THE AREA TO AIRPORT OPERATIONS.

11. UNDERGROUND UTILITIES

- 1. IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS. THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY IN RESPECT TO THE ACCURACY, COMPLETENESS OR SUFFICIENCY OF THE INFORMATION.
2. BEFORE INITIATING ANY DIGGING, DRILLING OR EXCAVATING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND CONTACT THE LOCAL FAA OFFICE TO ARRANGE FOR UTILITY LOCATES. SEE SECTION 50-17 OF THE SPECIAL PROVISIONS FOR UTILITY CONTACT INFORMATION.

12. PENALTIES

- 1. NONCOMPLIANCE BY THE CONTRACTOR WITH AIRPORT RULES AND REGULATIONS OR FAILURE TO COMPLY WITH THE AIRPORT'S APPROVED CSPP AND THE CONTRACTOR'S APPROVED SPCD MAY RESULT IN FINES AS ALLOWED BY LAW.

13. SPECIAL CONDITIONS

- 1. ADJACENT CONSTRUCTION MAY IMPACT THE OPERATIONS OF THE CONTRACTOR. SEE THE COORDINATION NOTES FOR ADDITIONAL INFORMATION.

14. RUNWAY AND TAXIWAY VISUAL AIDS

- 1. PROJECT WILL REQUIRE THE CLOSURE OF RUNWAY 18-36 FOR A LIMITED DURATION DURING PHASE 2. THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOW THE REQUIREMENTS OF FAA AC 150/5370-2F.
2. BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET.

15. MARKING AND SIGNS FOR ACCESS ROUTES

- 1. BARRICADES AND SIGNS SHALL BE USED ALONG THE CONTRACTOR'S ACCESS ROUTE AS DETAILED ON THIS SHEET AND THE CONSTRUCTION ACTIVITY PLAN SHEET.

16. HAZARD MARKING AND LIGHTING

- 1. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCKPILES, AND HIS/HER CONSTRUCTION EQUIPMENT.
2. ALL CONSTRUCTION EQUIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2F AND 150/5210-5C AT ALL TIMES WHILE OPERATING ON AIRPORT PROPERTY. THE MAXIMUM EQUIPMENT HEIGHT IS 25'.
3. BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET OR AS DIRECTED BY THE RESIDENT ENGINEER.
4. THE CONTRACTOR SHALL INSPECT THE BARRICADES ONCE DURING EACH WORK DAY TO INSURE PROPER PLACEMENT AND PROPER OPERATION OF THE RED LIGHTS AND FLAG PLACEMENT.

17. PROTECTION

- 1. ALL WORK REQUIRED INSIDE OF THE RUNWAY 18-36 SAFETY AREAS, WHICH EXTENDS 75' FROM THE RUNWAY CENTERLINE, WILL REQUIRE THE RUNWAY TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 72 HOURS PRIOR TO THE REQUESTED CLOSURE TIME.
2. ALL WORK REQUIRED ON AN ACTIVE TAXIWAY OR INSIDE OF AN ACTIVE TAXIWAY SAFETY AREA, WHICH EXTENDS 40' FROM THE TAXIWAY CENTERLINE, WILL REQUIRE THE TAXIWAY TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 72 HOURS PRIOR TO THE REQUESTED CLOSURE TIME.

18. OTHER LIMITATIONS ON CONSTRUCTION

- 1. IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, PERSONNEL AND EQUIPMENT.
2. BROKEN CONCRETE, BROKEN ASPHALT, AND OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS OTHERWISE SPECIFIED.

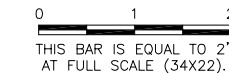
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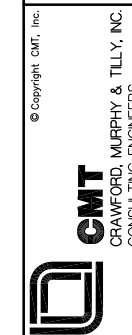
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TAYLORVILLE AIRPORT
TAYLORVILLE, ILLINOIS

TAXIWAY EXTENSION
CONSTRUCTION SAFETY PHASING
PLAN NOTES



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CHECKED BY: CET
APPROVED BY: CET
DATE: MARCH 13, 2013
JOB No: 11050-01

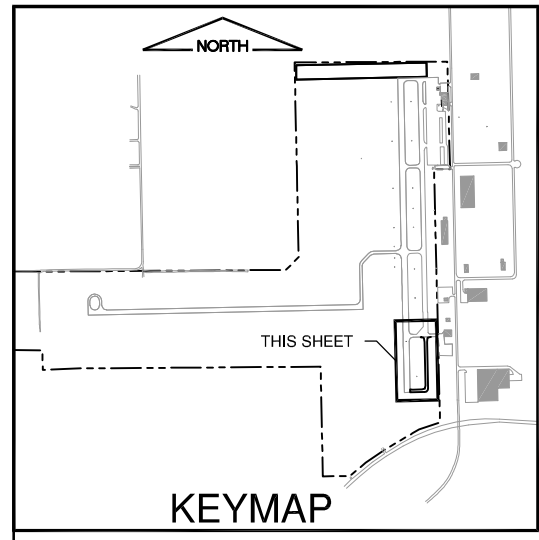
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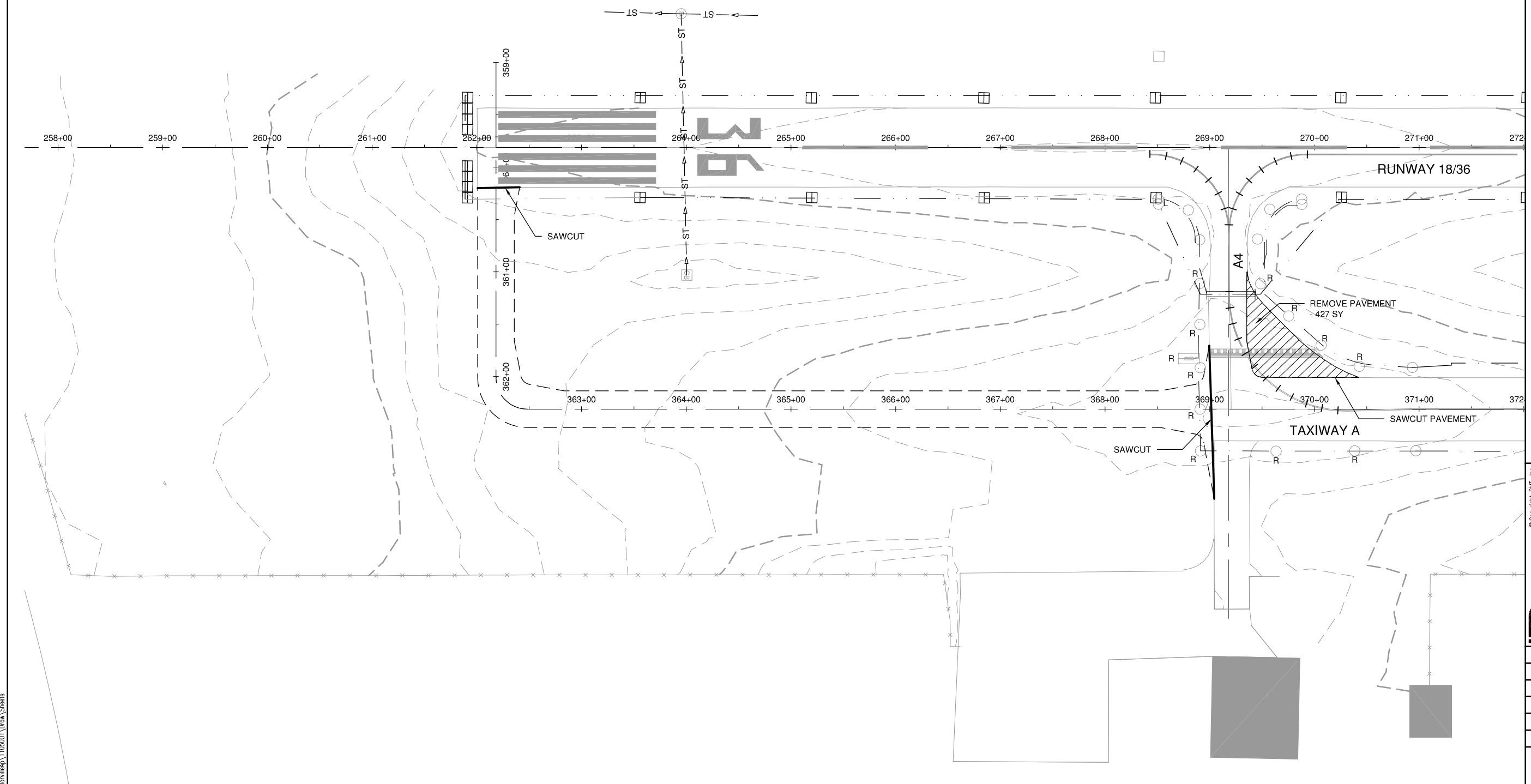
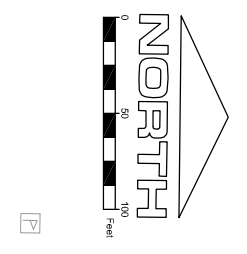
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LEGEND

	EXISTING STAKE MOUNTED TAXIWAY LIGHT		EXISTING RUNWAY/THRESHOLD LIGHT
	EXISTING BASE MOUNTED TAXIWAY LIGHT		EXISTING RUNWAY LIGHT
	EXISTING TAXIWAY GUIDANCE SIGN		EXISTING CATCH BASIN
	EXISTING PAVING MARKING		EXISTING FENCE
	EXISTING TAXIWAY CIRCUIT		EXISTING WINDCONE
	EXISTING RUNWAY CIRCUIT		EXISTING DUCT
ST	EXISTING STORM SEWER		PAVEMENT MARKING REMOVAL
R	REMOVALS		PAVEMENT REMOVAL



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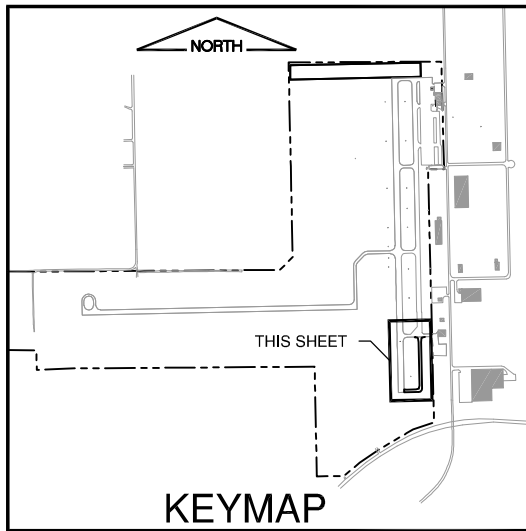
TAXIWAY EXTENSION
 EXISTING CONDITIONS AND REMOVALS

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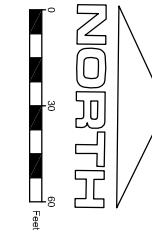
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ALIGNMENT DATA					
ALIGNMENT SEGMENT	ALIGNMENT	BEGIN STATION/ PI STATION	NORTHING/ EASTING	END STATION/ CURVE RADIUS	NORTHING/ EASTING
L3	RUNWAY 18-36	STA. 257+00.00	N:1042127.9889 E:2533343.9470	STA. 307+00.00	N: 1047126.8677 E: 2533238.0639
L4	TAXIWAY A4	STA. 10+00.00	N:1043345.5633 E:2533318.1546	STA. 14+50.00	N: 1043355.0928 E: 2533768.0537
L1	TAXIWAY A	STA. 362+48.34	N:1042681.5025 E:2533582.2789	STA. 407+00.00	N: 1047132.1618 E: 2533488.0081
C1	TAXIWAY A	CENTER STA. 362+31.22	PI N:1042651.5092 PI E:2533582.9142	R = 30.000	CENTER N: 1042680.8672 E: 2533552.2856
L2	TAXIWAY A	STA. 359+00.00	N:1042644.4952 E:2533251.7700	STA. 362+01.22	N: 1042650.8739 E: 2533552.9209

LEGEND	
	NEW TAXIWAY EDGE OF PAVEMENT
	NEW 1 1/2" BITUMINOUS SURFACE COURSE (401) NEW 2 1/2" BITUMINOUS BASE COURSE (403) NEW 11" CRUSHED AGGREGATE BASE COURSE (209)

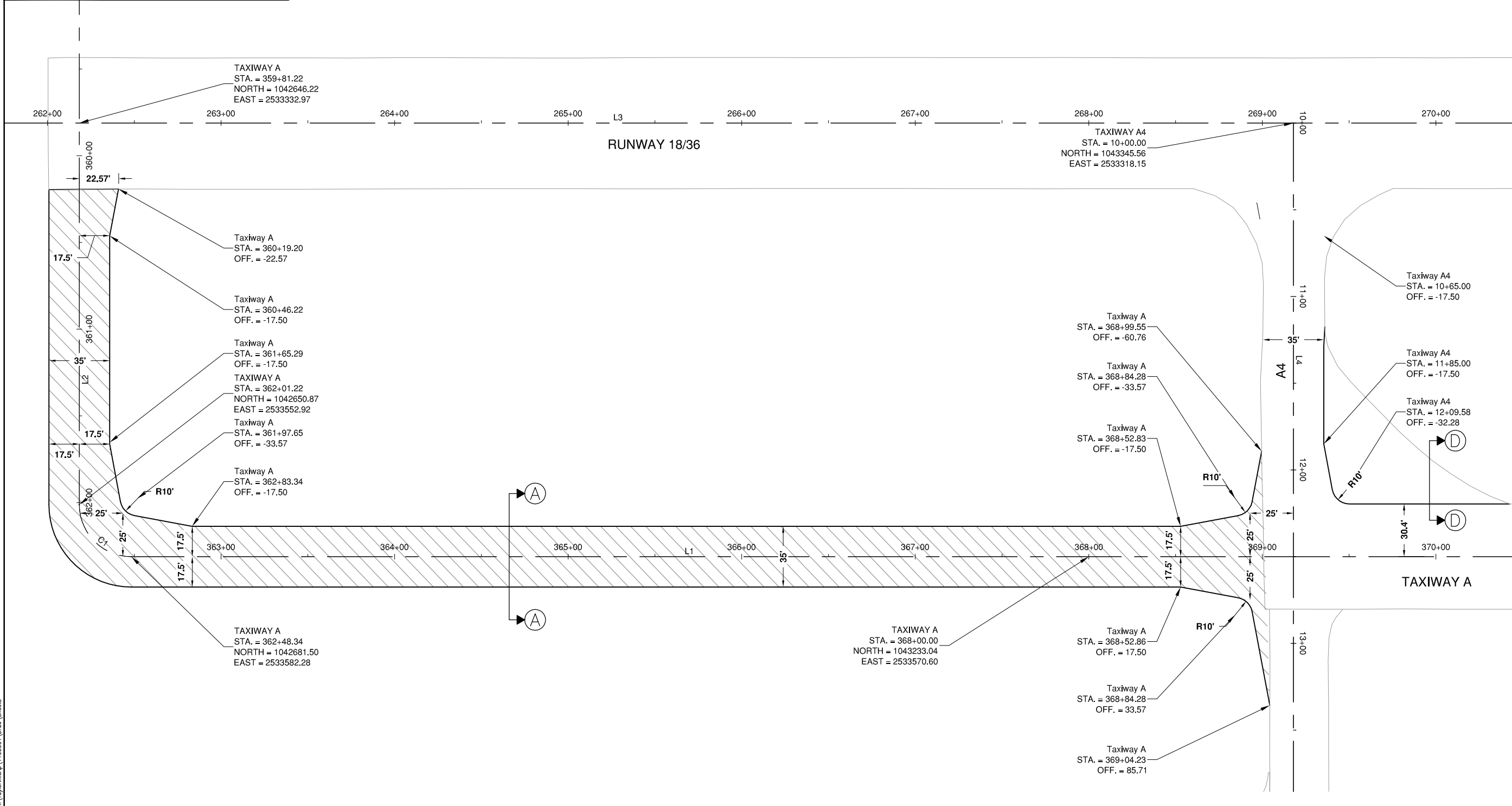


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TAYLORVILLE, ILLINOIS
TAXIWAY EXTENSION
PROPOSED IMPROVEMENTS

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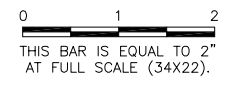
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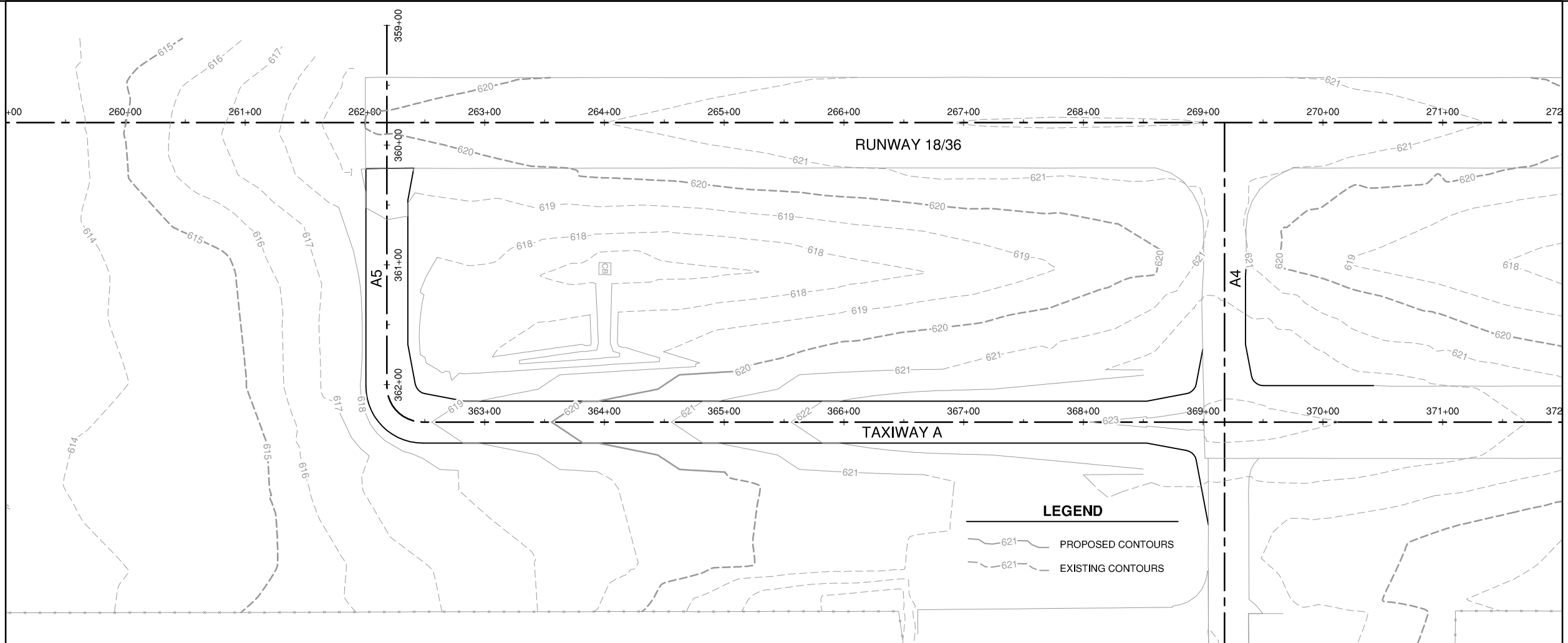
TAYLORVILLE MUNICIPAL AIRPORT
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TAXIWAY EXTENSION
TAXIWAY A PLAN AND PROFILE SHEET

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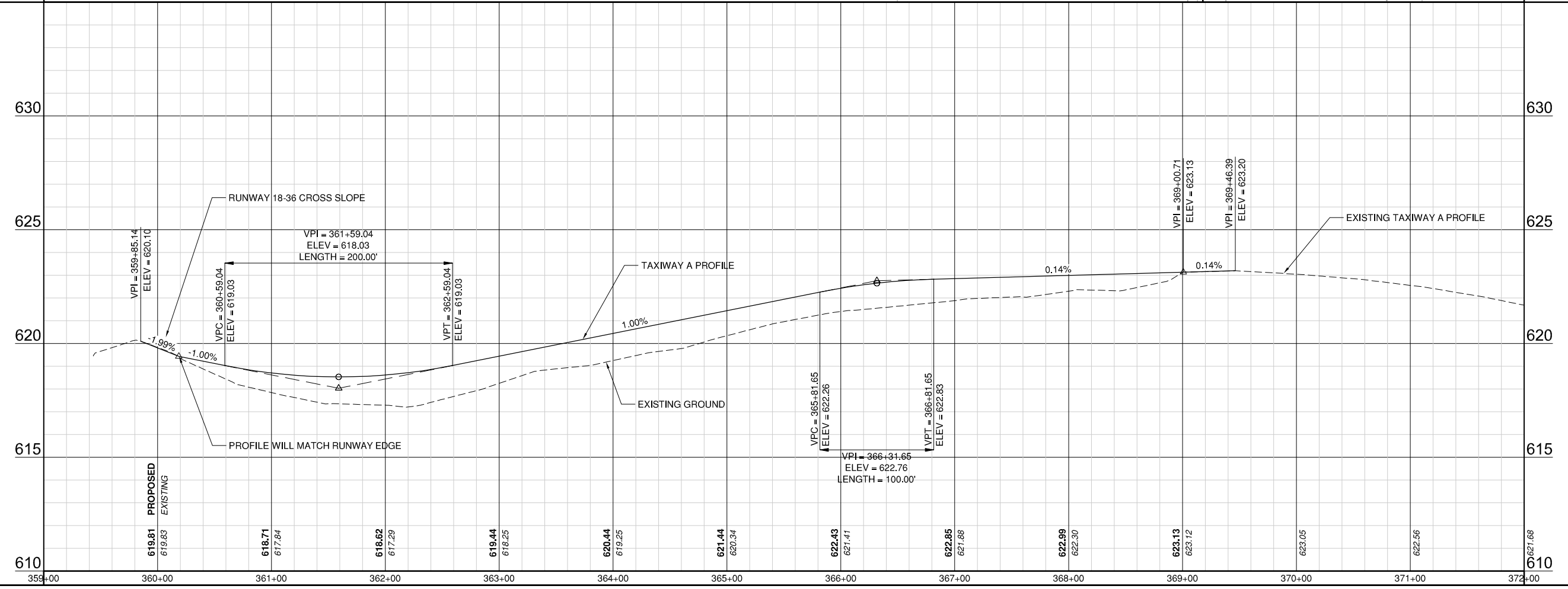
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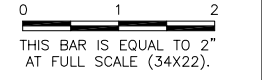
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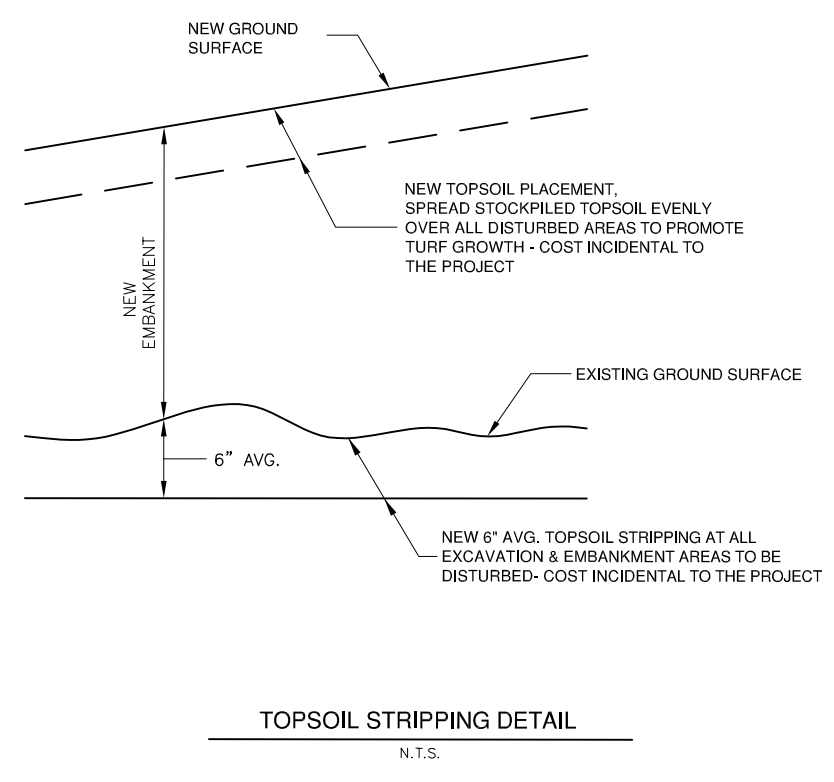
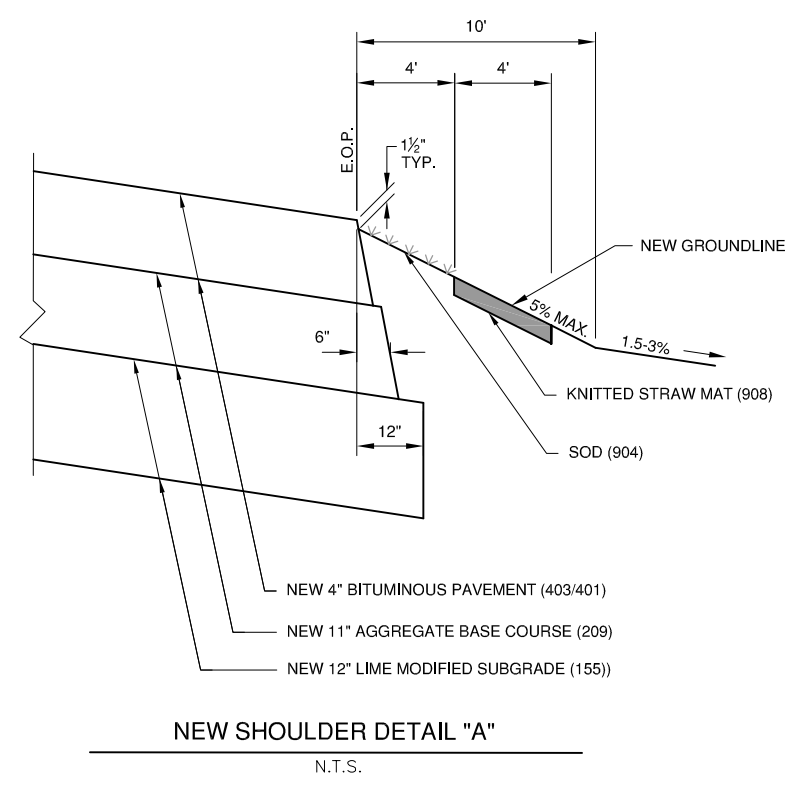
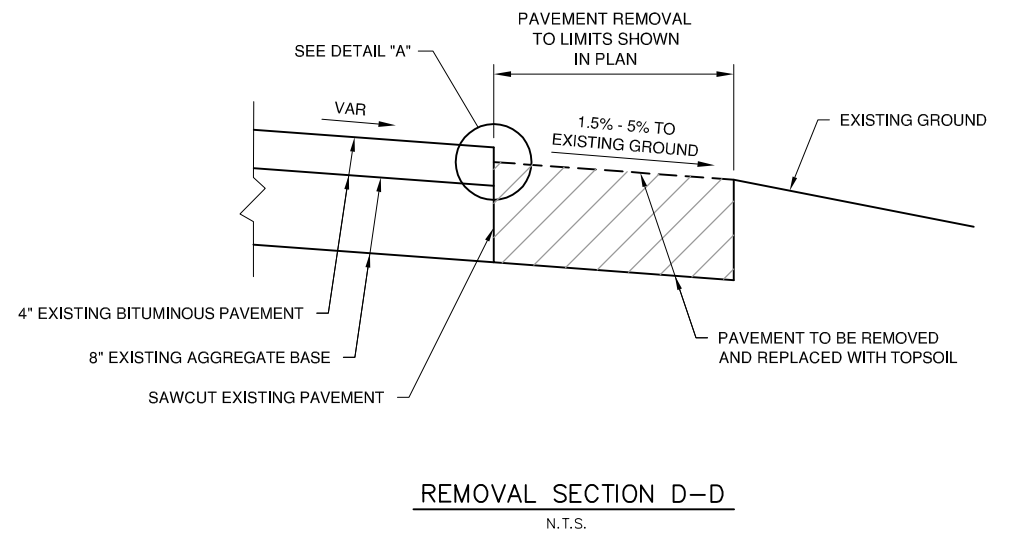
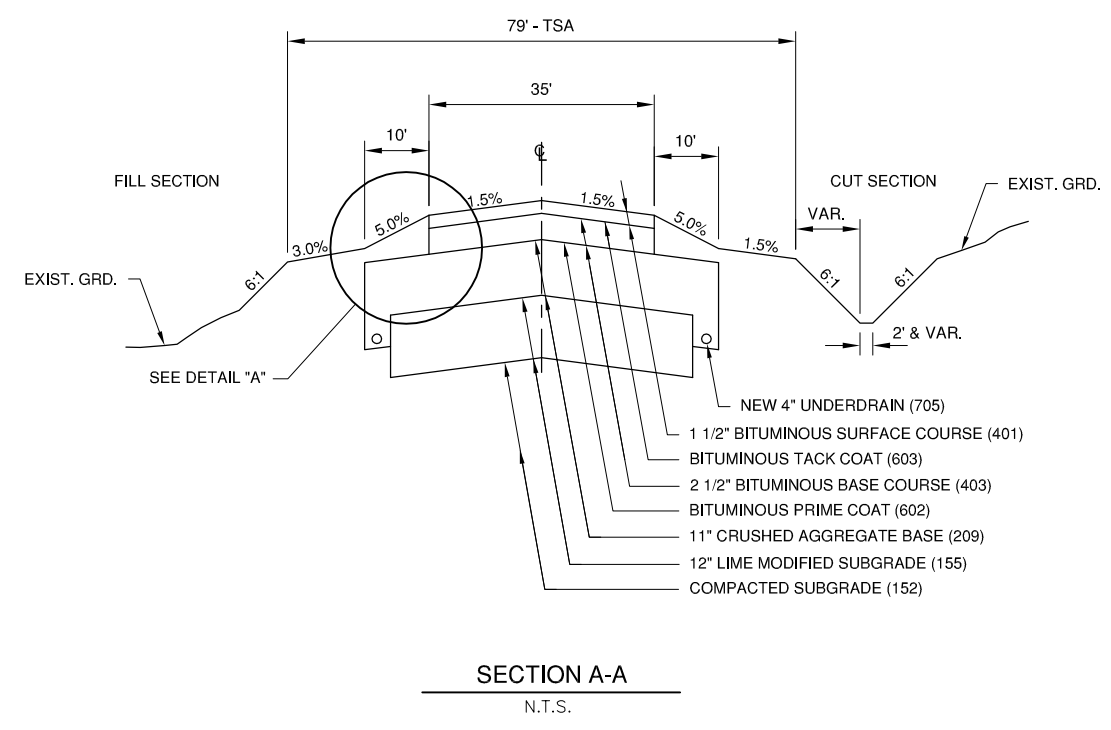


TAYLORVILLE MUNICIPAL AIRPORT
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TAXIWAY EXTENSION
 TYPICAL SECTIONS

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SIGNAGE SCHEDULE

SIGN #	SIDE	NEW SIGN LEGEND	WHITE WITH BLACK OUTLINE ON RED BACKGROUND	BLACK LEGEND ON YELLOW BACKGROUND	YELLOW LEGEND ON BLACK BACKGROUND	NUMBER OF CHARACTERS	NEW POWER CIRCUIT	NOTES
1	W E	A5 A5 36	36	-	A5 A5	4	RUNWAY 36	AR125444
2	W E	A4 A4 36-18	36-18	-	A4 A4	7	RUNWAY 36	AR125447
3	W E	A3 A3 36-18	36-18	-	A3 A3	7	RUNWAY 36	AR125447
4	W E	A2 A2 36-18	36-18	-	A2 A2	7	RUNWAY 36	AR125447
5	W E	A1 A1 18	18	-	A1 A1	4	RUNWAY 36	AR125444
6	W E	A3 A3 18-36	18-36	-	A3 A3	7	RUNWAY 36	SEE NOTE 4

NOTES

- SIGN SCHEDULE IS SUBJECT TO FAA APPROVAL OF THE SIGNAGE PLAN.
- CHANGES TO NEW LEGENDS MAY OCCUR SUBJECT TO NOTE 1 ABOVE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH NEW LEGENDS FOR APPROVAL PRIOR TO STARTING MANUFACTURE.
- REPLACE EXISTING SIGN FACE WITH NEW FACE PER SIGN SCHEDULE. EXISTING SIGN IS LUMACURVE STYLE SIZE 1. CONTRACTOR SHALL VERIFY LEGEND AND SIZE PRIOR TO MANUFACTURE OF SIGN FACE.

FILE: TAZ-4096-ES101.dwg
 UPDATE BY: Chris Groth
 PLOT DATE: 4/26/2013 2:53 PM

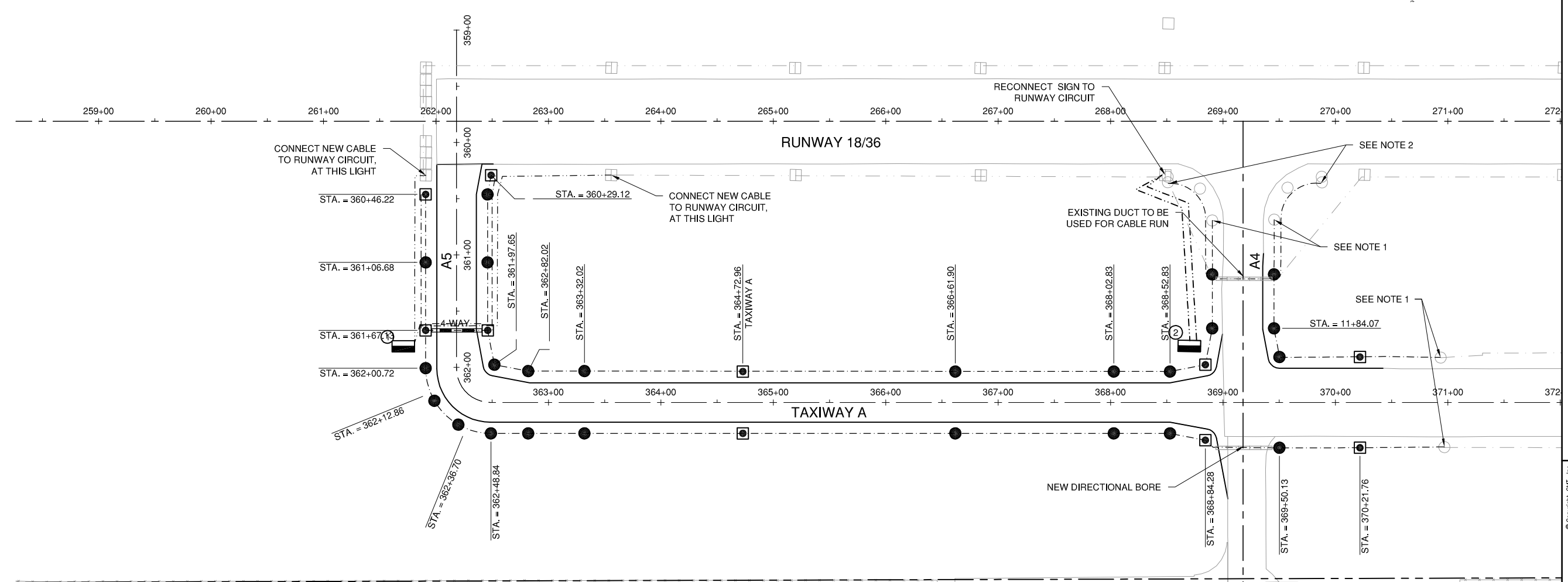
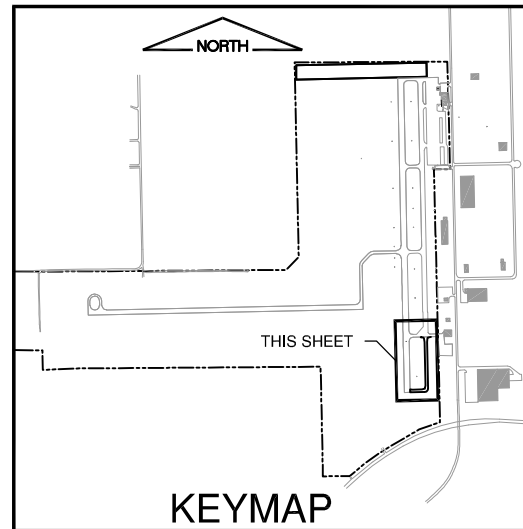
TAZ-C-SPAL
 TAZ-V-AF3D
 TAZ-E-AL
 TAZ-V-ALAE
 KEYMAP

TA005

REVISIONS

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



LEGEND

	NEW STAKE MOUNTED TAXIWAY LIGHT		EXISTING TAXIWAY CIRCUIT
	NEW BASE MOUNTED TAXIWAY LIGHT		NEW RUNWAY CIRCUIT
	NEW TAXIWAY GUIDANCE SIGN		EXISTING RUNWAY CIRCUIT
	NEW TAXIWAY CIRCUIT		NEW DUCT BANK
			EXISTING DUCT BANK

LIGHT LAYOUT NOTES

- RECONNECT TO EXISTING TAXIWAY A CIRCUIT AT THIS LIGHT.
- CONNECT CIRCUIT TO THE LIGHT AND RUN NEW CABLE LOOP.

TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS

TAXIWAY EXTENSION
 ELECTRICAL LAYOUT AND LIGHTING PLAN 1

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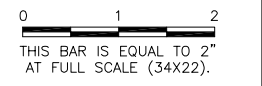
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 SBG NO. 3-17-0100-B13

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TAZ-C-SPAL
 TAZ-V-AF3D
 TAZ-E-AL
 TAZ-C-UP
 TAZ-V-ALAER
 KEYMAP

TA005

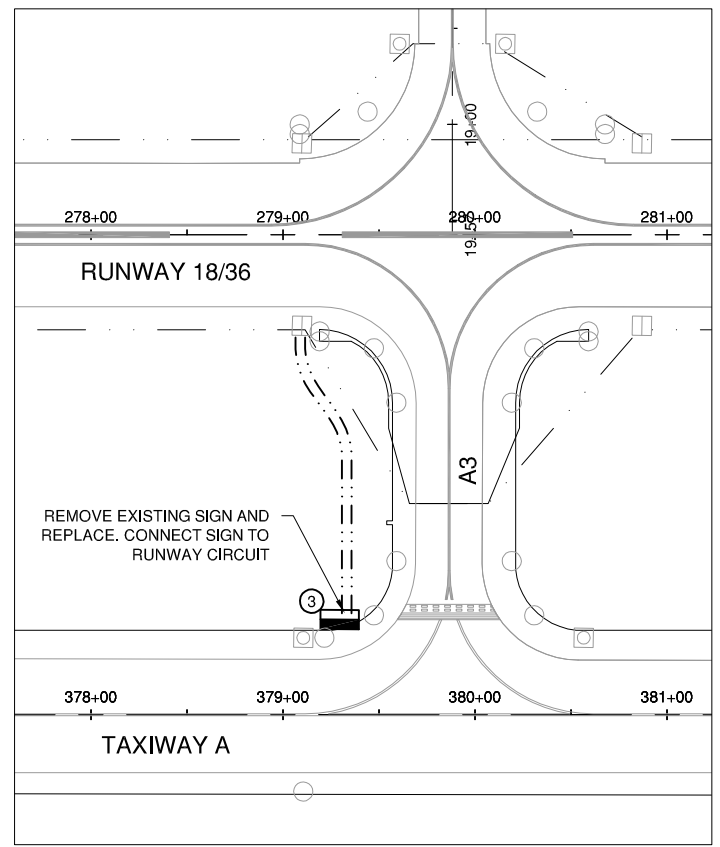
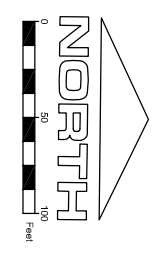
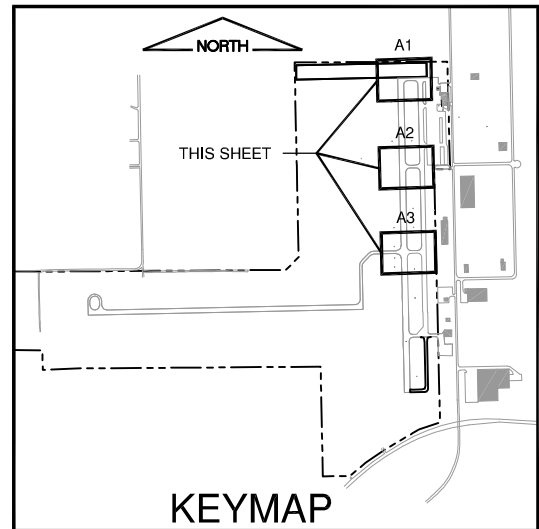
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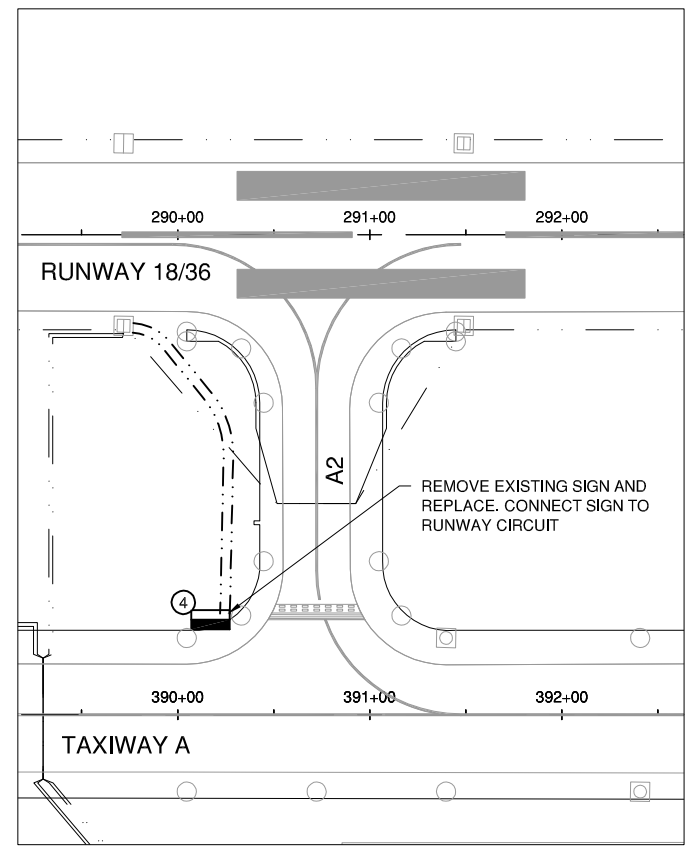
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE AIRPORT
TAYLORVILLE, ILLINOIS
TAXIWAY EXTENSION
ELECTRICAL LAYOUT AND LIGHTING PLAN 2

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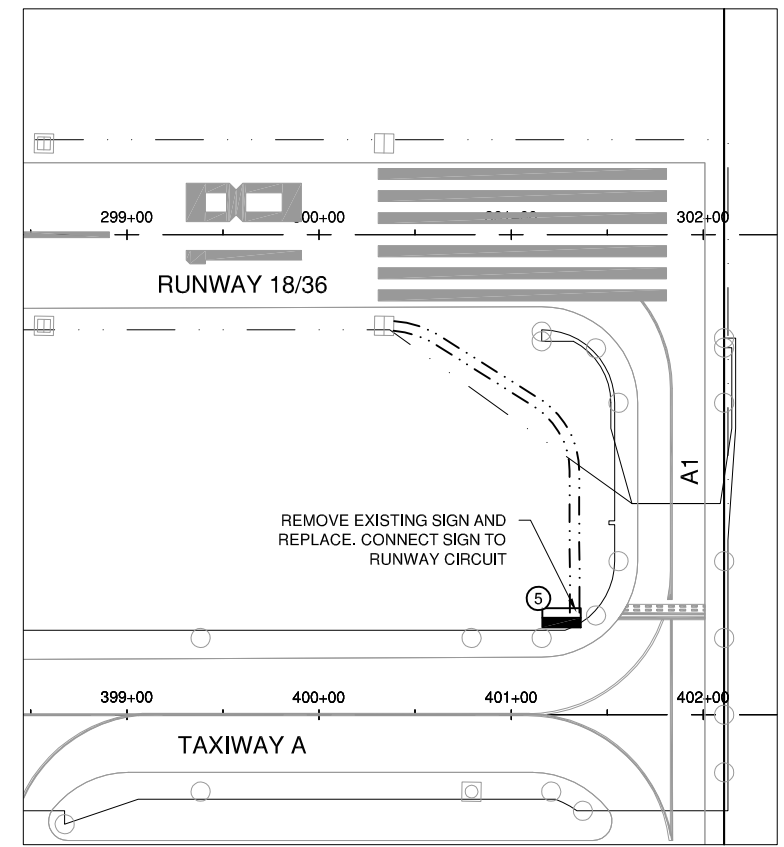
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SHEET 12 OF 25 SHEETS	



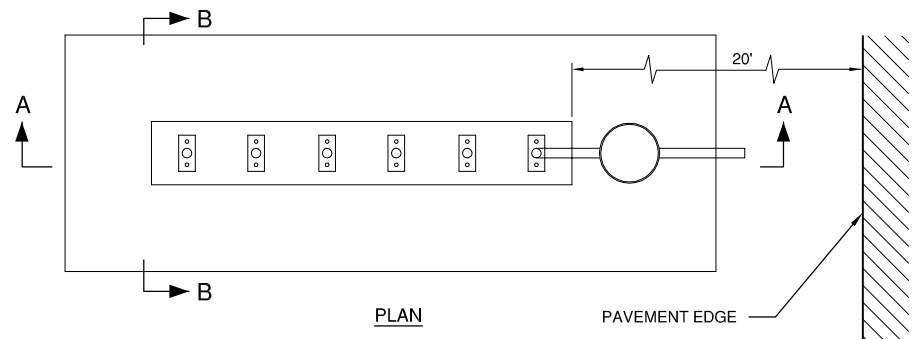
TAXIWAY A3 CONNECTOR
SCALE: 1" = 50'



TAXIWAY A2 CONNECTOR
SCALE: 1" = 50'



TAXIWAY A1 CONNECTOR
SCALE: 1" = 50'



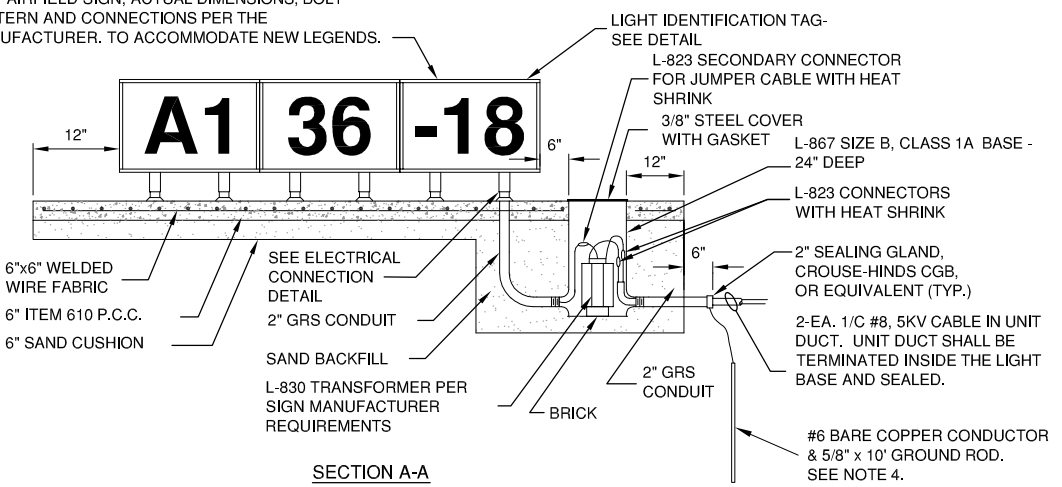
NOTES

1. TRANSFORMER WATTAGE SHALL BE AS REQUIRED BY SIGN MANUFACTURER.
2. SIGN LEGEND SHALL BE AS SHOWN IN THE PLANS.
3. SIGNS SHALL BE SIZE 1, STYLE 2 OR 3, CLASS 2.
4. SEE "NEW BASE MOUNTED EDGE LIGHT" DETAIL FOR GROUNDING DETAILS.

LEGEND

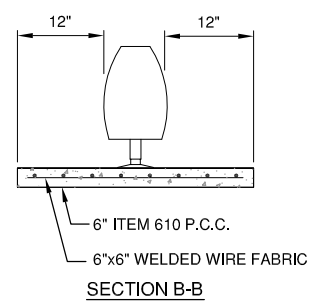
	NEW STAKE MOUNTED TAXIWAY LIGHT
	NEW BASE MOUNTED TAXIWAY LIGHT
	NEW TAXIWAY GUIDANCE SIGN
	NEW TAXIWAY CIRCUIT
	EXISTING TAXIWAY CIRCUIT
	NEW RUNWAY CIRCUIT
	EXISTING RUNWAY CIRCUIT
	NEW DUCT BANK

NEW AIRFIELD SIGN, ACTUAL DIMENSIONS, BOLT PATTERN AND CONNECTIONS PER THE MANUFACTURER. TO ACCOMMODATE NEW LEGENDS.

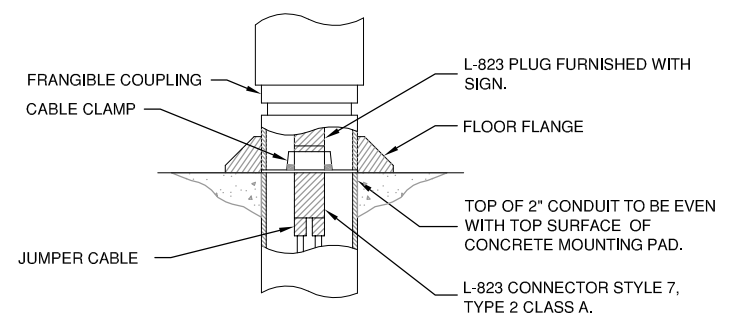


SECTION A-A

L-858 AIRFIELD SIGN DETAILS
N.T.S.

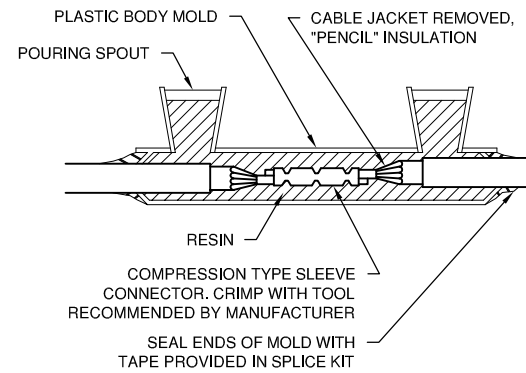


SECTION B-B



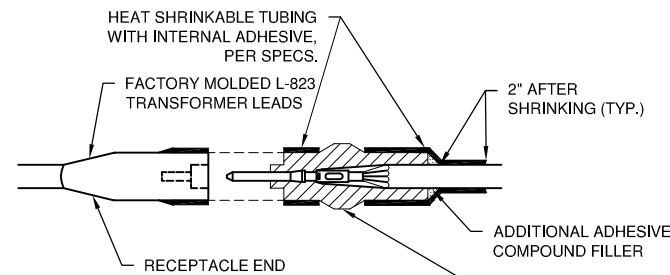
ELECTRICAL CONNECTION DETAIL
N.T.S.

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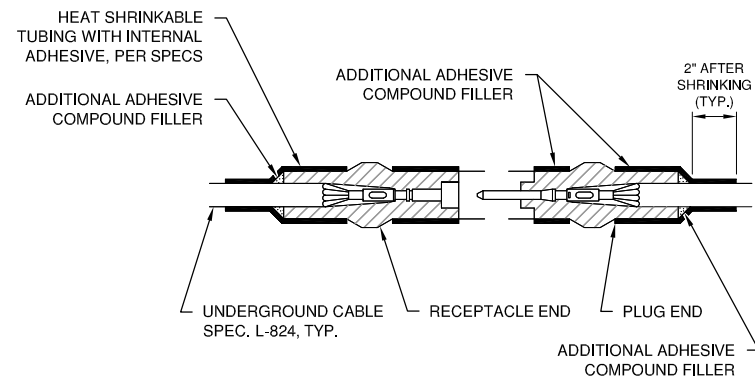
FOR IN-LINE CONNECTIONS OF EXISTING CABLES CUT DURING CONSTRUCTIONS.

TYPE A



FOR SPLICES AT ISOLATION TRANSFORMERS.

TYPE C & D



NOT TO BE USED IN THIS PROJECT UNLESS OTHERWISE DIRECTED BY ENGINEER

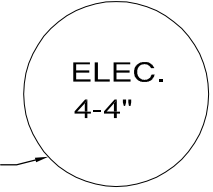
TYPE B

CABLE SPLICES
N.T.S.

NOTES

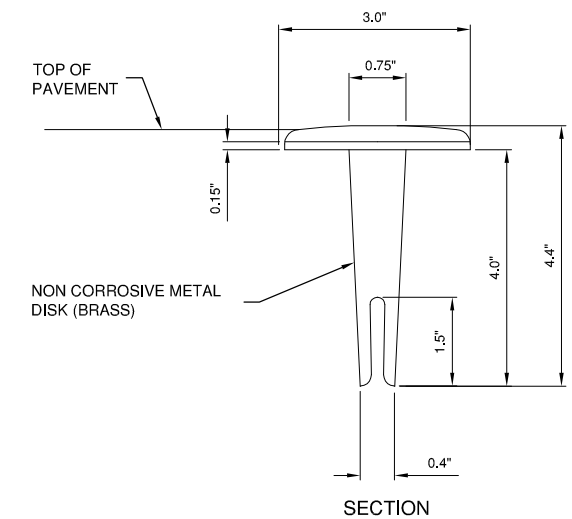
1. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE.
2. THE COST OF FURNISHING AND INSTALLING ALL SPLICE MATERIALS SHALL BE INCIDENTAL TO THE ASSOCIATED CABLE ITEMS.
3. THE CONTRACTOR SHALL HAVE A MINIMUM OF TWO (2) TYPE A SPLICE KITS ON THE JOB SITE AT ALL TIMES FOR EMERGENCY REPAIRS.
4. CONNECTION OF CONDUCTORS MUST BE MADE BY USING CRIMP CONNECTORS AND A CRIMPING TOOL APPROVED BY THE CONNECTOR/LUG MANUFACTURER. THE TOOL MUST PRODUCE A COMPLETE CRIMP BEFORE IT CAN BE REMOVED. THE CRIMPING TOOL USED MUST BE LISTED BY THE L-823 KIT MANUFACTURER. MAKE THE NUMBER AND TYPE OF CRIMPS PER THE KIT MANUFACTURER'S INSTRUCTIONS.

NEW DUCT MARKERS SHALL BE INSTALLED AT BOTH EDGES OF PAVEMENT AT ALL NEW DIRECTIONAL BORE, SPLIT DUCT, AND CONCRETE ENCASED DUCT LOCATIONS.

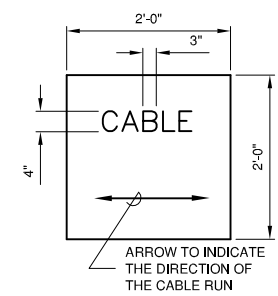


TYPE, NUMBER OF DUCTS AND DUCT SIZE STAMPED ON MARKER

PLAN

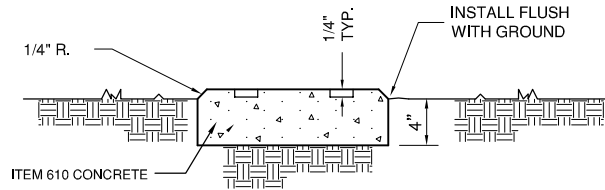
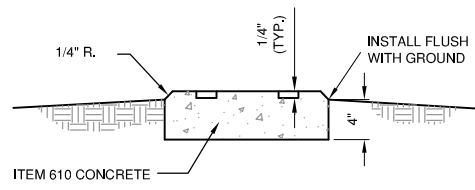


SECTION



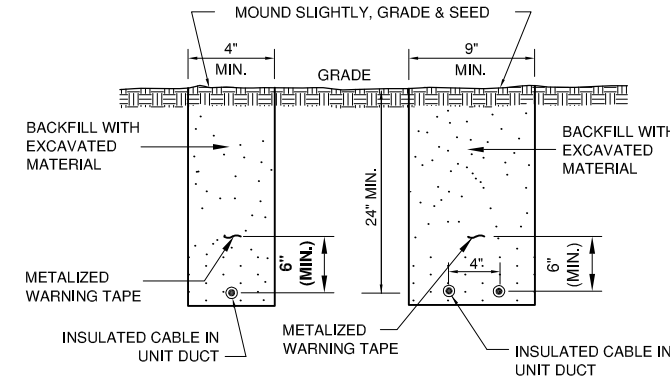
NOTES

1. CABLE MARKERS SHALL BE INSTALLED AT ALL BENDS AND EVERY 200' ALONG THE HOMERUN.
2. ITEM 610 CONCRETE SHALL BE USED.
3. ALL EXPOSED EDGES SHALL BE EDGED WITH A 1/4" RADIUS TOOL.
4. THE COST OF FURNISHING AND INSTALLING NEW MARKERS SHALL BE INCIDENTAL TO THE ASSOCIATED ITEMS.
5. 0.049 CU. YD. CONCRETE PER MARKER.
6. A MARKER CONFORMING TO THIS DETAIL MARKED "SPLICE" SHALL BE INSTALLED AT ALL SPLICE LOCATIONS NOT IN LIGHT CANS OR MANHOLES.



TURF CABLE / SPLICE MARKER DETAILS

N.T.S.

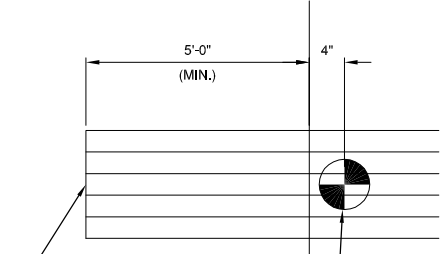


TRENCH DETAIL

N.T.S.

NOTES

1. TRENCHES WITH MORE THAN 2 CABLES SHALL BE INCREASED 3" IN WIDTH FOR EACH ADDITIONAL CABLE. IF SPECIFIED ON PLANS, TWO PARALLEL TRENCHES MAY BE CONSTRUCTED.
2. DEPTH OF TRENCHES SHALL BE AS SHOWN ABOVE UNLESS OTHERWISE SPECIFIED ON THE PLANS.
3. SAND BACKFILL SHALL BE USED IF THE EXISTING SOIL DOES NOT MEET THE BACKFILL REQUIREMENTS.
4. ALL DISTURBED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST IS INCIDENTAL TO ITEM 108.



NEW DUCT MARKER SHALL BE INSTALLED AT ALL DUCT BANK LOCATIONS AND UTILITY CROSSINGS AS DIRECTED BY THE ENGINEER.

DUCT MARKERS SHALL BE RECESSED AND GROUTED INTO THE PAVEMENTS.

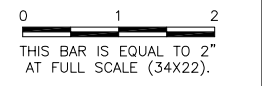
MARKER PLACEMENT

DUCT MARKER DETAILS

N.T.S.

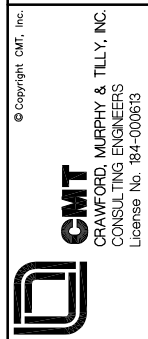
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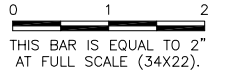
TAXIWAY EXTENSION
 ELECTRICAL DETAILS 1



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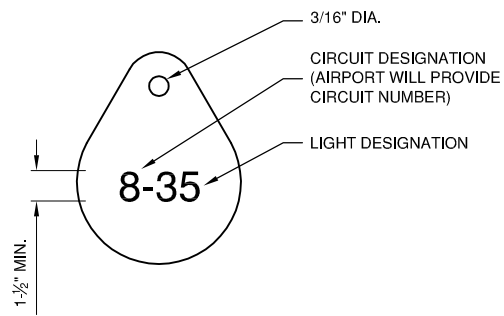


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 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS

TAXIWAY EXTENSION
 ELECTRICAL DETAILS 2

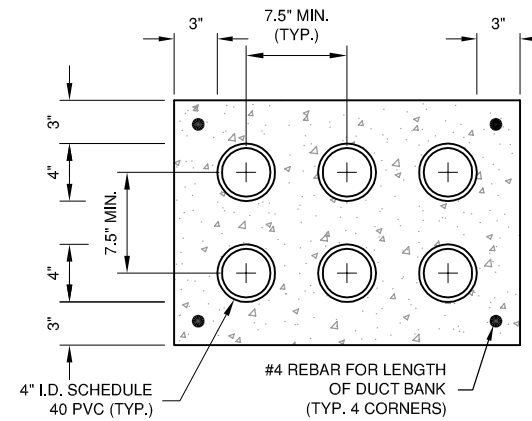
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SHEET 14 OF 25 SHEETS	



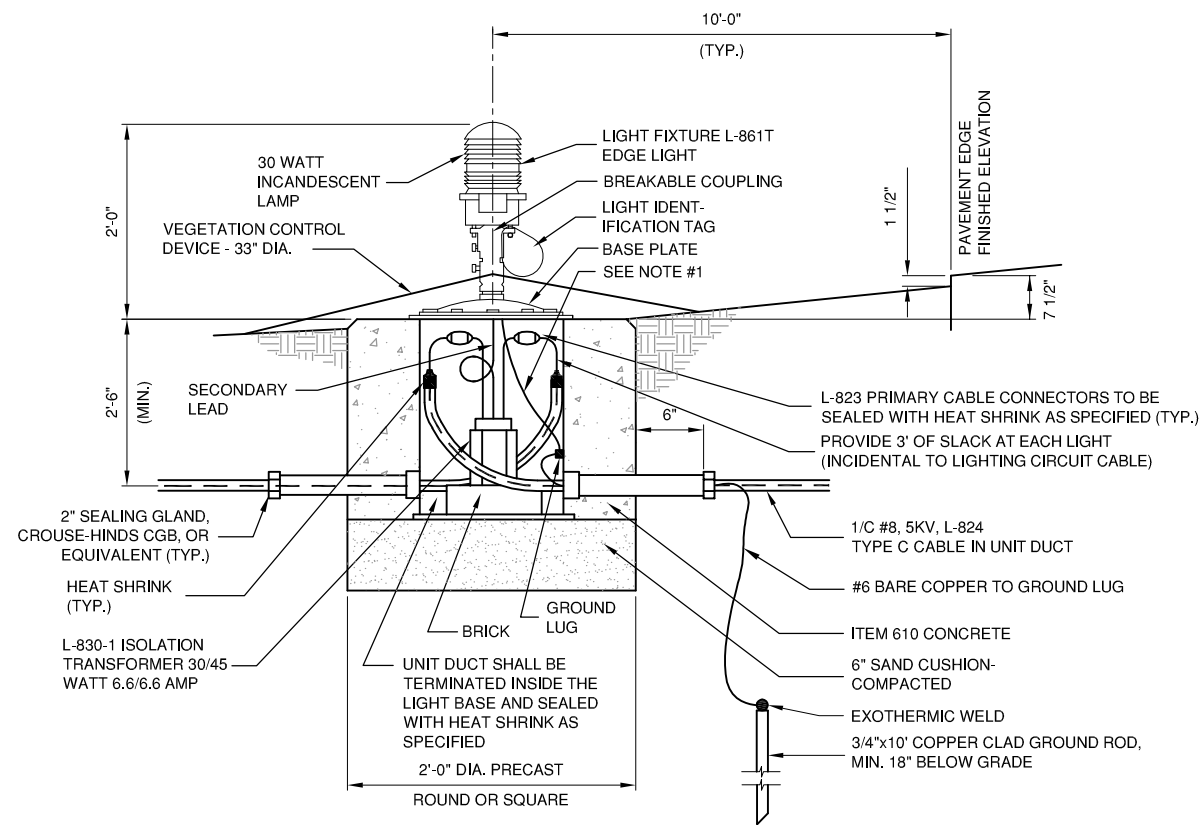
LIGHT IDENTIFICATION DETAIL
N.T.S.

- NOTES**
1. INSTALL A NONCORROSIVE DISC OF 2" MINIMUM DIAMETER WITH THE NUMBER PERMANENTLY STAMPED, CUT OUT, OR ENGRAVED UNDER THE HEAD OF THE BASE PLATE BOLT OR ATTACHED TO LIGHT FLANGE WITH SET SCREW.
 2. LEGENDS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR TO COORDINATE LEGEND WITH AIRPORT.
 3. THE CONTRACTOR SHALL NUMBER THE PROPOSED LIGHTS IN EACH CIRCUIT STARTING AT THE HOMERUN CONTINUING AROUND THE ENTIRE CIRCUIT BACK TO THE HOMERUN.
 4. AIRFIELD SIGNS SHALL BE TAGGED & NUMBERED.



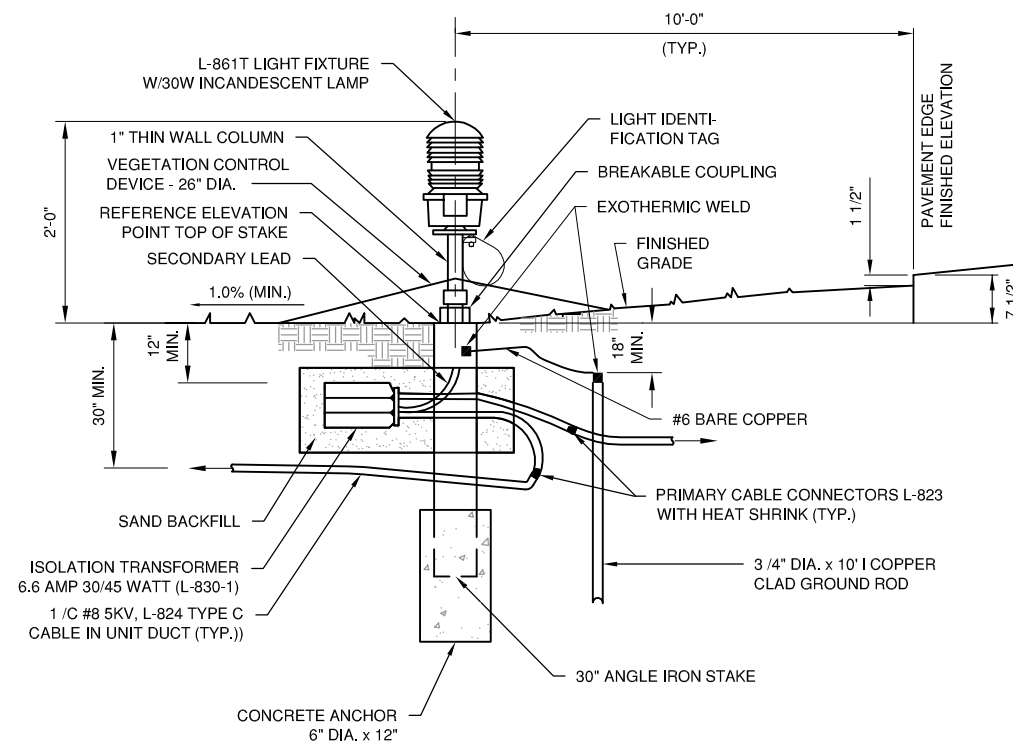
DUCT BANK DETAIL
N.T.S.

- NOTES**
1. DIMENSIONS SHOWN ARE MINIMUM.
 2. TOP OF CONCRETE ENCASEMENT TO BE NOT LESS THAN 18" BELOW FINISHED SUBGRADE.
 3. DUCT CONCRETE SHALL BE ITEM 610 STRUCTURAL P.C.C. CONCRETE.
 4. ALL DUCT SHALL BE 4" INSIDE DIAMETER.
 5. LOCATIONS SHOWN ARE APPROXIMATE. DUCT BANKS SHALL BE INSTALLED AT LOCATIONS DESIGNATED BY THE ENGINEER.
 6. CONTRACTOR SHALL INSTALL DUCT BANKS AT A DEPTH WHICH WILL NOT CONFLICT WITH ELEVATION SENSITIVE UTILITIES.
 7. A PULL WIRE SHALL BE PROVIDED IN EACH UNUSED CONDUIT. UNUSED DUCT SHALL BE SEALED WITH PVC PLUGS/CAPS TO THE SATISFACTION OF THE ENGINEER.
 8. DUCT BANKS SHALL EXTEND A MINIMUM OF 5' BEYOND THE NEW EDGE OF PAVEMENT.



BASE MOUNTED EDGE LIGHTS
N.T.S.

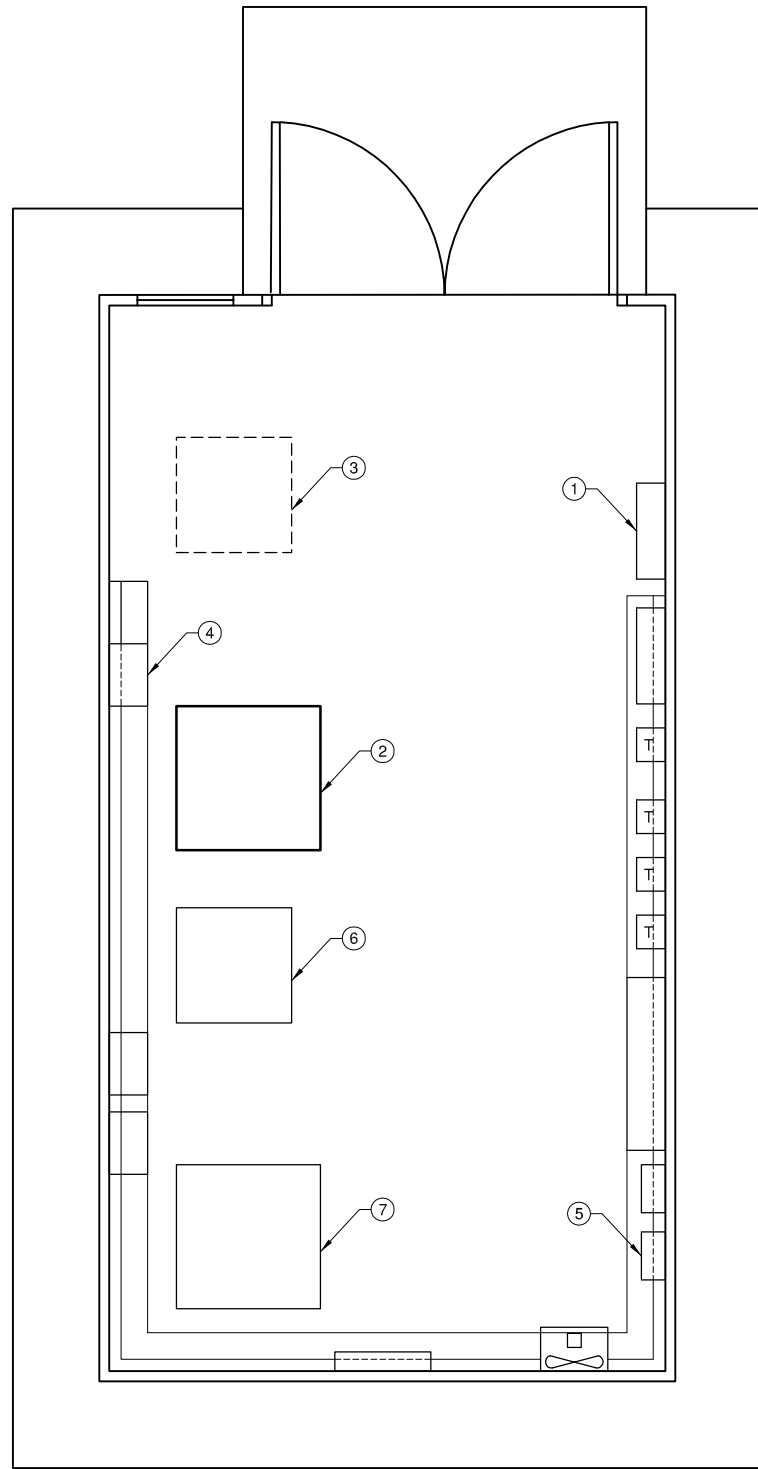
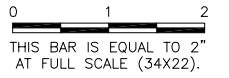
- NOTES**
1. THE LIGHT FIXTURE SHALL BE BONDED TO THE LIGHT BASE INTERNAL GROUND LUG VIA A #6 AWG STRANDED COPPER WIRE RATED FOR 600 VOLTS WITH GREEN XHHW INSULATION. THE GROUND WIRE LENGTH SHALL BE SUFFICIENT TO ALLOW THE REMOVAL OF THE LIGHT FIXTURE FROM THE LIGHT BASE FOR ROUTINE MAINTENANCE. SEE THE LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS FOR PROPER METHODS OF ATTACHING THIS BONDING WIRE.



STAKE MOUNTED MEDIUM INTENSITY LIGHTS
N.T.S.

TA005

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VAULT ELECTRICAL EQUIPMENT PLAN
 N.T.S.

○ **VAULT PLAN KEYED NOTES**

- 1 EXISTING DISTRIBUTION PANELBOARD.
 - DISCONNECT EXISTING NORTH-SOUTH TAXIWAY REGULATOR POWER WIRING AT BOTH DISTRIBUTION PANELBOARD 50A, 2P CIRCUIT BREAKER AND EXISTING REGULATOR, AND REMOVE. DISPOSE OF OFFSITE. RELABEL 50A, 2P CIRCUIT BREAKER AS "SPARE" IN PANELBOARD SCHEDULE.
 - INSTALL NEW 90A, 2P CIRCUIT BREAKER COMPATIBLE WITH AND BY SAME MANUFACTURER AS EXISTING DISTRIBUTION PANELBOARD. LABEL AS "N-S TXY REGULATOR" IN PANELBOARD SCHEDULE.
 - INSTALL NEW 240V POWER WIRING, TWO #3 THWN, ONE #8 GROUND, FROM DISTRIBUTION PANELBOARD TO NEW NORTH-SOUTH TAXIWAY REGULATOR, IN EXISTING WIREWAY AND NEW LIQUIDTIGHT FLEXIBLE METAL CONDUIT.
- 2 LOCATION OF EXISTING NORTH-SOUTH TAXIWAY REGULATOR.
 - DISCONNECT EXISTING REGULATOR FROM EXISTING POWER AND CONTROL WIRING AND RELOCATE REGULATOR AS INDICATED.
 - INSTALL NEW NORTH-SOUTH TAXIWAY REGULATOR, 15KW, 240V INPUT, 3-STEP, 6.6A OUTPUT HERE. PROVIDE ENGRAVED NAMEPLATE READING "NORTH-SOUTH TAXIWAY".
 - CONNECT NEW REGULATOR TO NEW 240V POWER WIRING, EXISTING L_854 PCAL RADIO INTERFACE UNIT CONTROL WIRING AND EXISTING TAXIWAY SERIES CIRCUIT WIRING. INSTALL #6 GROUND WIRE WITH GREEN INSULATION FROM REGULATOR GROUND LUG TO VAULT GROUND BUS.
- 3 RELOCATE EXISTING NORTH-SOUTH TAXIWAY REGULATOR TO HERE.
- 4 EXISTING S-1 PUG CUTOUT IN NEMA 1 ENCLOSURE. RECONNECT EXISTING SERIES CIRCUIT L-824, 5KV, TYPE C WIRING IN LIQUIDTIGHT FLEXIBLE CONDUIT FROM THIS PLUG CUTOUT TO NEW REGULATOR. IF NECESSARY, INSTALL NEW SERIES CIRCUIT L-824, 5KV, TYPE C WIRING IN LIQUIDTIGHT FLEXIBLE CONDUIT.
- 5 EXISTING NORTH-SOUTH TAXIWAY L-854 PCAL RADIO INTERFACE UNIT. EXISTING CONTROL WIRING TO BE RECONNECTED TO NEW NORTH-SOUTH TAXIWAY REGULATOR.
- 6 EXISTING RUNWAY 9-27 REGULATOR, 10KW, 240V INPUT, 3-STEP 6.6A OUTPUT. TO REMAIN.
- 7 EXISTING RUNWAY 18-36 REGULATOR, 7.5KW, 240V INPUT, 3-STEP 6.6A OUTPUT. TO REMAIN.

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 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS

TAXIWAY EXTENSION
 ELECTRICAL DETAILS 3

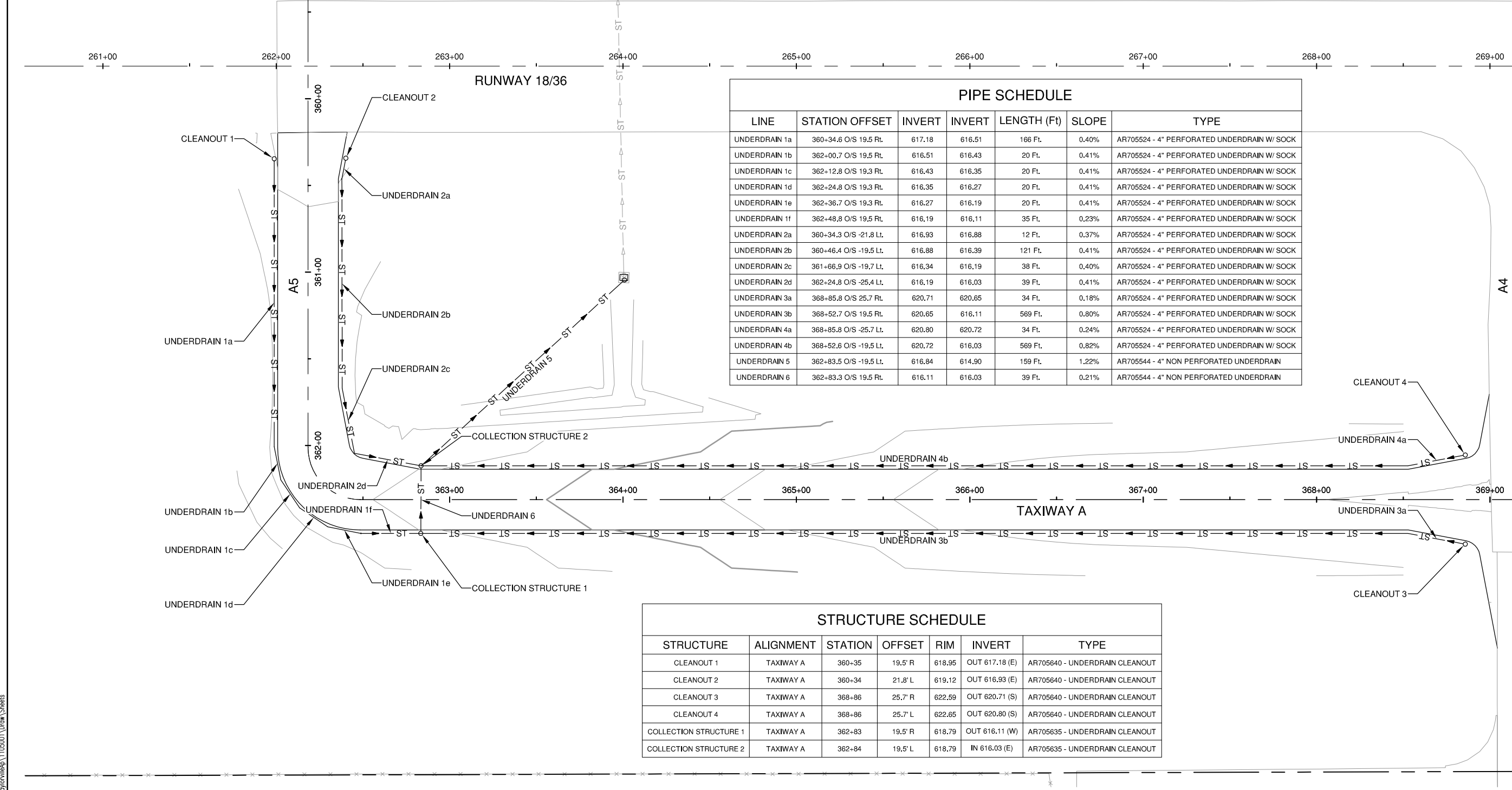
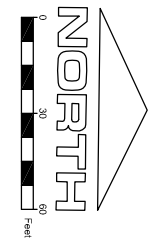
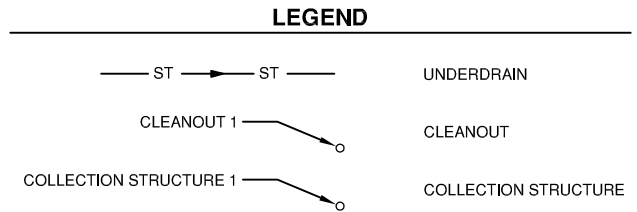
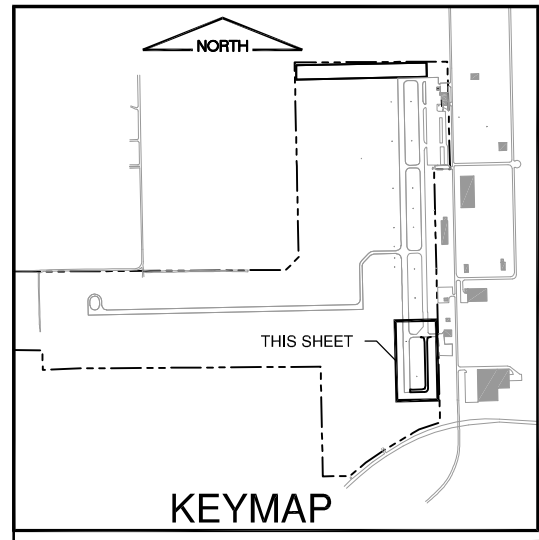
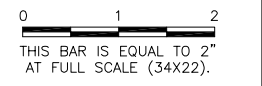
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TA005

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PIPE SCHEDULE						
LINE	STATION OFFSET	INVERT	INVERT	LENGTH (Ft)	SLOPE	TYPE
UNDERDRAIN 1a	360+34.6 O/S 19.5 Rt.	617.18	616.51	166 Ft.	0.40%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 1b	362+00.7 O/S 19.5 Rt.	616.51	616.43	20 Ft.	0.41%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 1c	362+12.8 O/S 19.3 Rt.	616.43	616.35	20 Ft.	0.41%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 1d	362+24.8 O/S 19.3 Rt.	616.35	616.27	20 Ft.	0.41%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 1e	362+36.7 O/S 19.3 Rt.	616.27	616.19	20 Ft.	0.41%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 1f	362+48.8 O/S 19.5 Rt.	616.19	616.11	35 Ft.	0.23%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 2a	360+34.3 O/S -21.8 Lt.	616.93	616.88	12 Ft.	0.37%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 2b	360+46.4 O/S -19.5 Lt.	616.88	616.39	121 Ft.	0.41%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 2c	361+66.9 O/S -19.7 Lt.	616.34	616.19	38 Ft.	0.40%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 2d	362-24.8 O/S -25.4 Lt.	616.19	616.03	39 Ft.	0.41%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 3a	368-85.8 O/S 25.7 Rt.	620.71	620.65	34 Ft.	0.18%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 3b	368-52.7 O/S 19.5 Rt.	620.65	616.11	569 Ft.	0.80%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 4a	368-85.8 O/S -25.7 Lt.	620.80	620.72	34 Ft.	0.24%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 4b	368-52.6 O/S -19.5 Lt.	620.72	616.03	569 Ft.	0.82%	AR705524 - 4" PERFORATED UNDERDRAIN W/ SOCK
UNDERDRAIN 5	362-83.5 O/S -19.5 Lt.	616.84	614.90	159 Ft.	1.22%	AR705544 - 4" NON PERFORATED UNDERDRAIN
UNDERDRAIN 6	362-83.3 O/S 19.5 Rt.	616.11	616.03	39 Ft.	0.21%	AR705544 - 4" NON PERFORATED UNDERDRAIN

STRUCTURE SCHEDULE						
STRUCTURE	ALIGNMENT	STATION	OFFSET	RIM	INVERT	TYPE
CLEANOUT 1	TAXIWAY A	360+35	19.5' R	618.95	OUT 617.18 (E)	AR705640 - UNDERDRAIN CLEANOUT
CLEANOUT 2	TAXIWAY A	360+34	21.8' L	619.12	OUT 616.93 (E)	AR705640 - UNDERDRAIN CLEANOUT
CLEANOUT 3	TAXIWAY A	368-86	25.7' R	622.59	OUT 620.71 (S)	AR705640 - UNDERDRAIN CLEANOUT
CLEANOUT 4	TAXIWAY A	368-86	25.7' L	622.65	OUT 620.80 (S)	AR705640 - UNDERDRAIN CLEANOUT
COLLECTION STRUCTURE 1	TAXIWAY A	362-83	19.5' R	618.79	OUT 616.11 (W)	AR705635 - UNDERDRAIN CLEANOUT
COLLECTION STRUCTURE 2	TAXIWAY A	362-84	19.5' L	618.79	IN 616.03 (E)	AR705635 - UNDERDRAIN CLEANOUT

TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE AIRPORT
TAYLORVILLE, ILLINOIS
TAXIWAY EXTENSION
PROPOSED DRAINAGE PLAN

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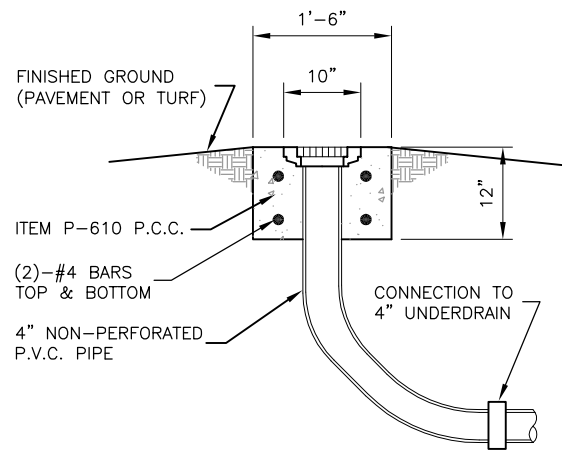
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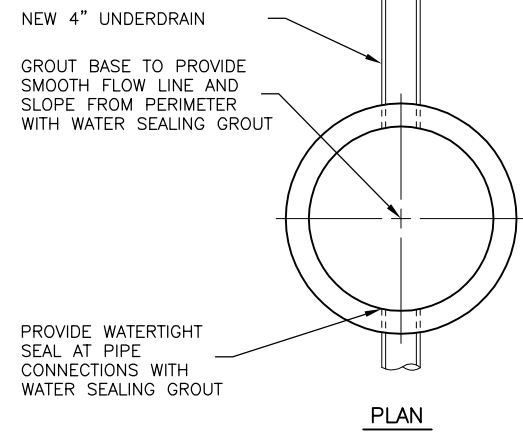
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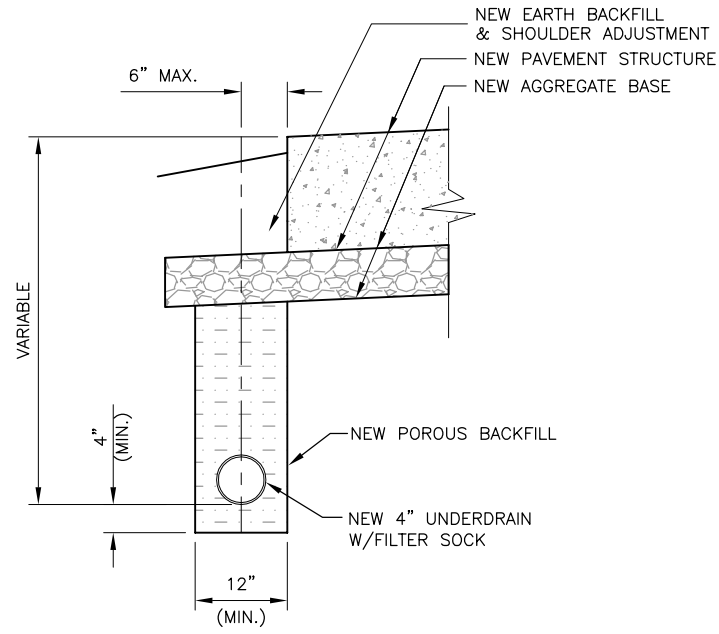
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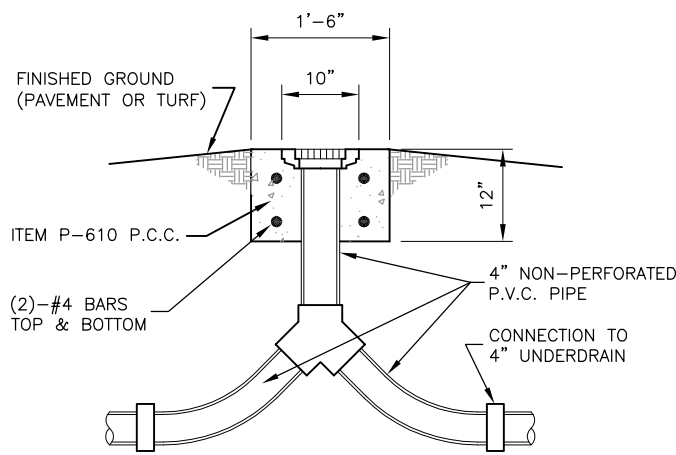
UNDERDRAIN CLEAN-OUT DETAIL - TYPE 1
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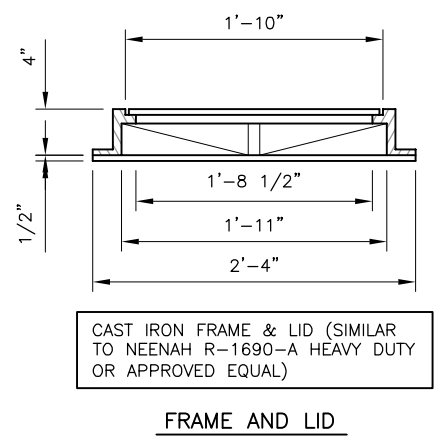
UNDERDRAIN DIRECT TOP CONNECTION DETAIL
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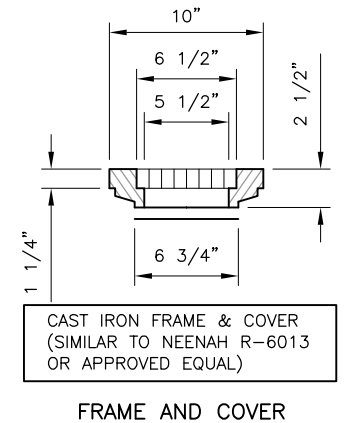
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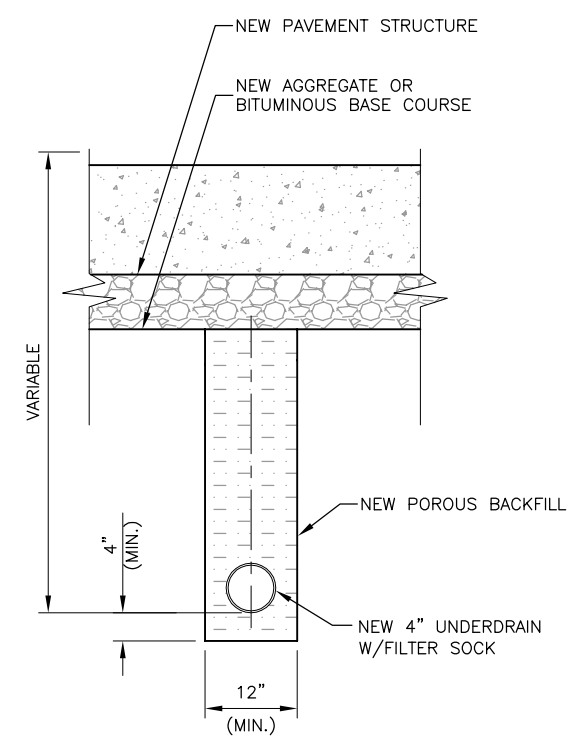
UNDERDRAIN CLEAN-OUT DETAIL - TYPE 2
 N.T.S.



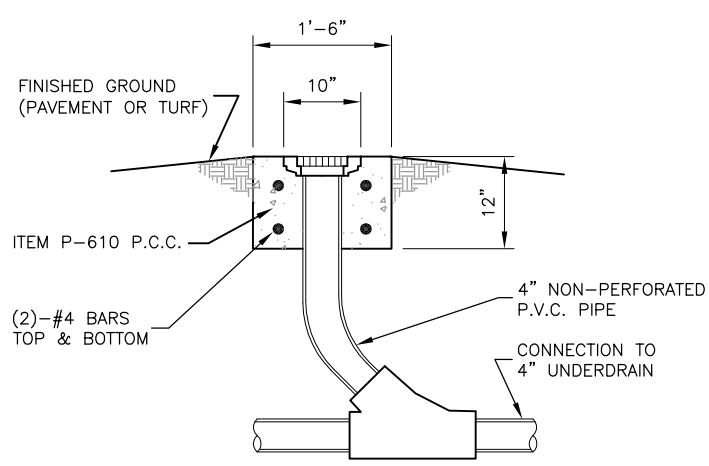
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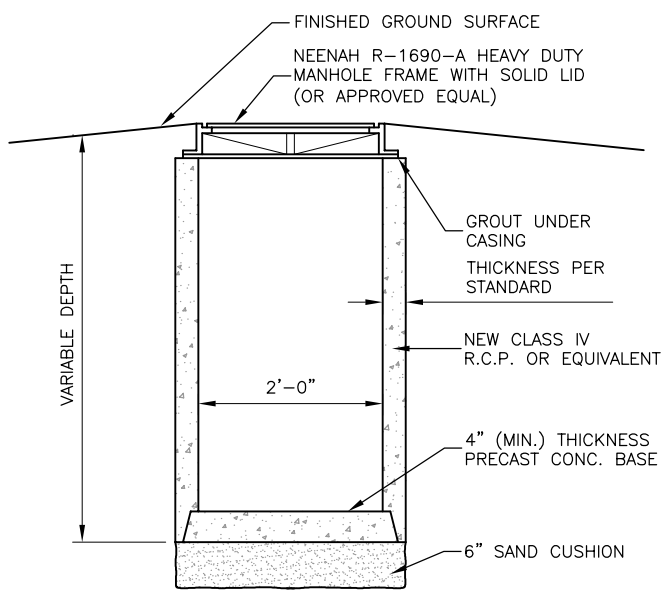
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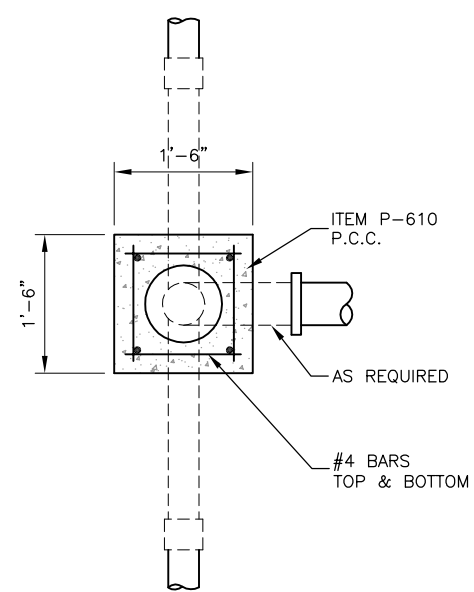
TYPICAL UNDERDRAIN DETAIL BELOW PAVEMENT
 N.T.S.



UNDERDRAIN CLEAN-OUT DETAIL - TYPE 3
 N.T.S.



UNDERDRAIN COLLECTION STRUCTURE DETAIL
 N.T.S.



UNDERDRAIN CLEAN-OUT DETAILS
 N.T.S.

NOTES

DURING UNDERDRAIN CONSTRUCTION, CARE SHALL BE TAKEN TO ENSURE GOOD DRAINAGE BETWEEN THE SUB-BASE AND THE POROUS BACKFILL MATERIAL WHICH WILL AFFECT DRAINAGE TO THE UNDERDRAIN SHALL BE REMOVED PRIOR TO THE PLACEMENT OF PROPOSED POROUS BACKFILL. ALL COST FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL.

TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS

TAXIWAY EXTENSION

UNDERDRAIN DETAIL SHEET

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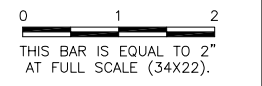
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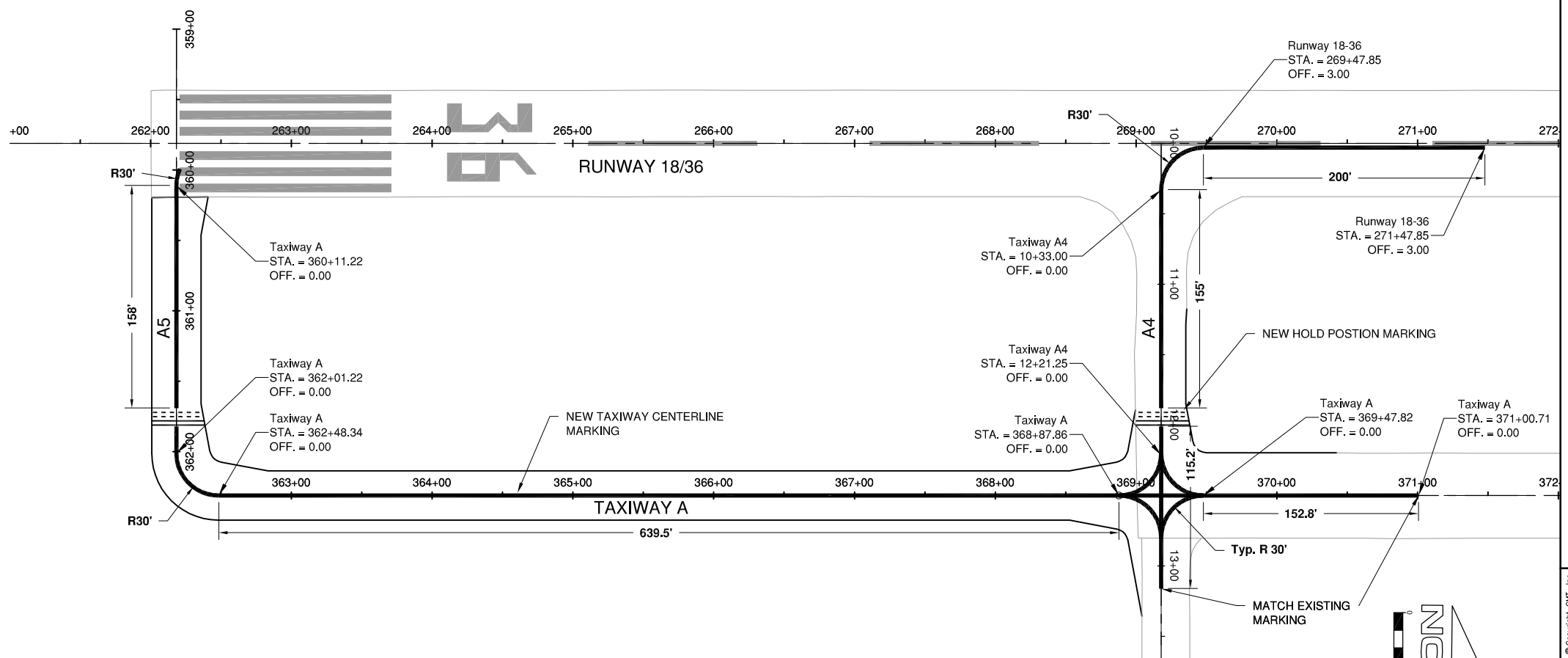
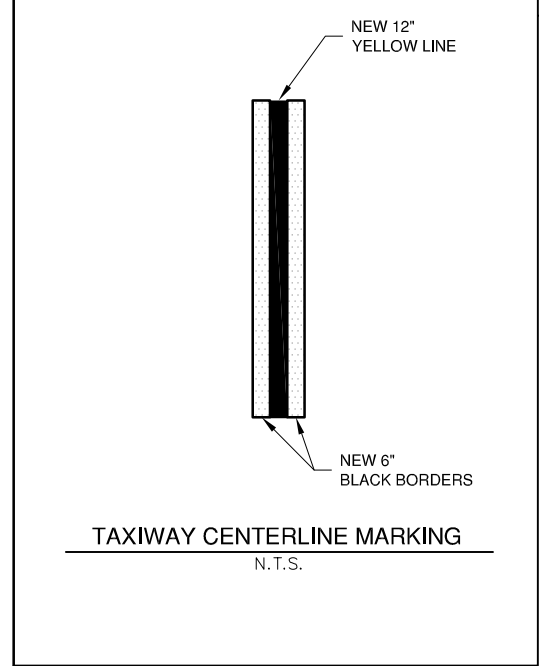
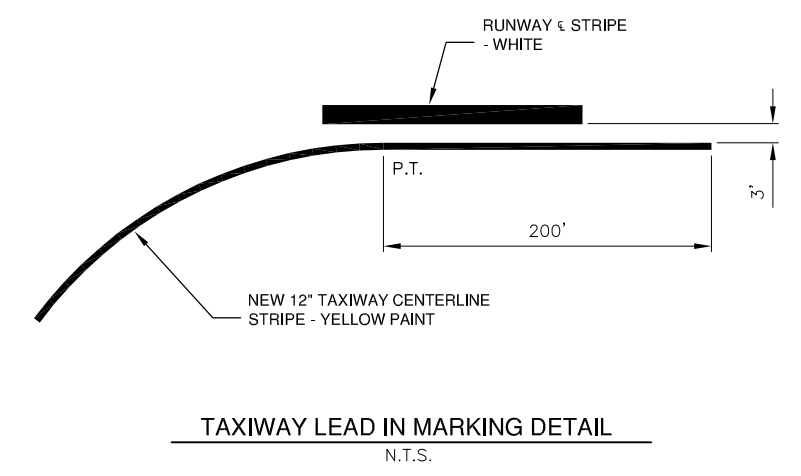
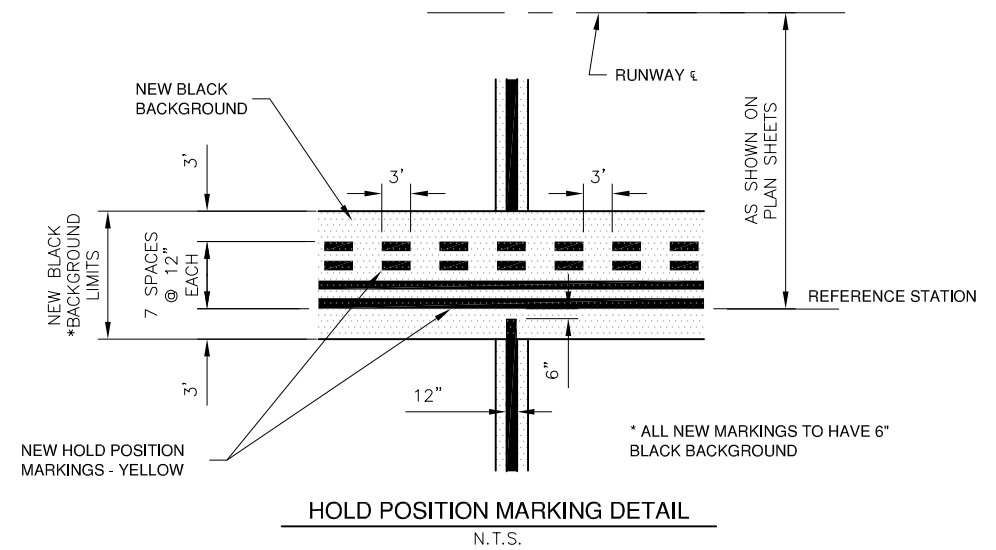
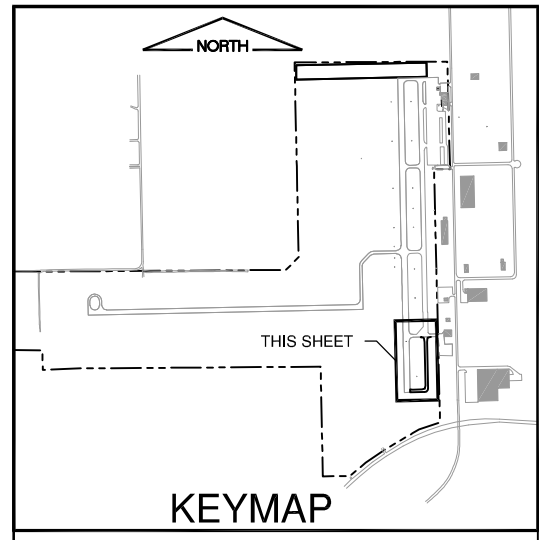
**TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS**

**TAXIWAY EXTENSION
 PAVEMENT MARKING PLAN**

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- NOTES**
1. YELLOW MARKINGS TO BE PAID FOR UNDER ITEM AR620520 - PAVEMENT MARKING - WATERBORNE.
 2. BLACK MARKINGS TO BE PAID FOR UNDER ITEM AR620525 - PAVEMENT MARKING - BLACK BORDER

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TAZ-C-SPAL
 TAZ-V-AF3D
 TAZ-C-UP
 TAZ-V-ALAE
 KEYMAP
 TAX-CP701
 TAZ-E-AL

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0 1 2
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 AT FULL SCALE (34X22).

TAYLORVILLE MUNICIPAL AIRPORT
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 TAYLORVILLE, ILLINOIS

**TAXIWAY EXTENSION
 INDEX TO CROSS SECTIONS AND EROSION
 CONTROL PLAN**

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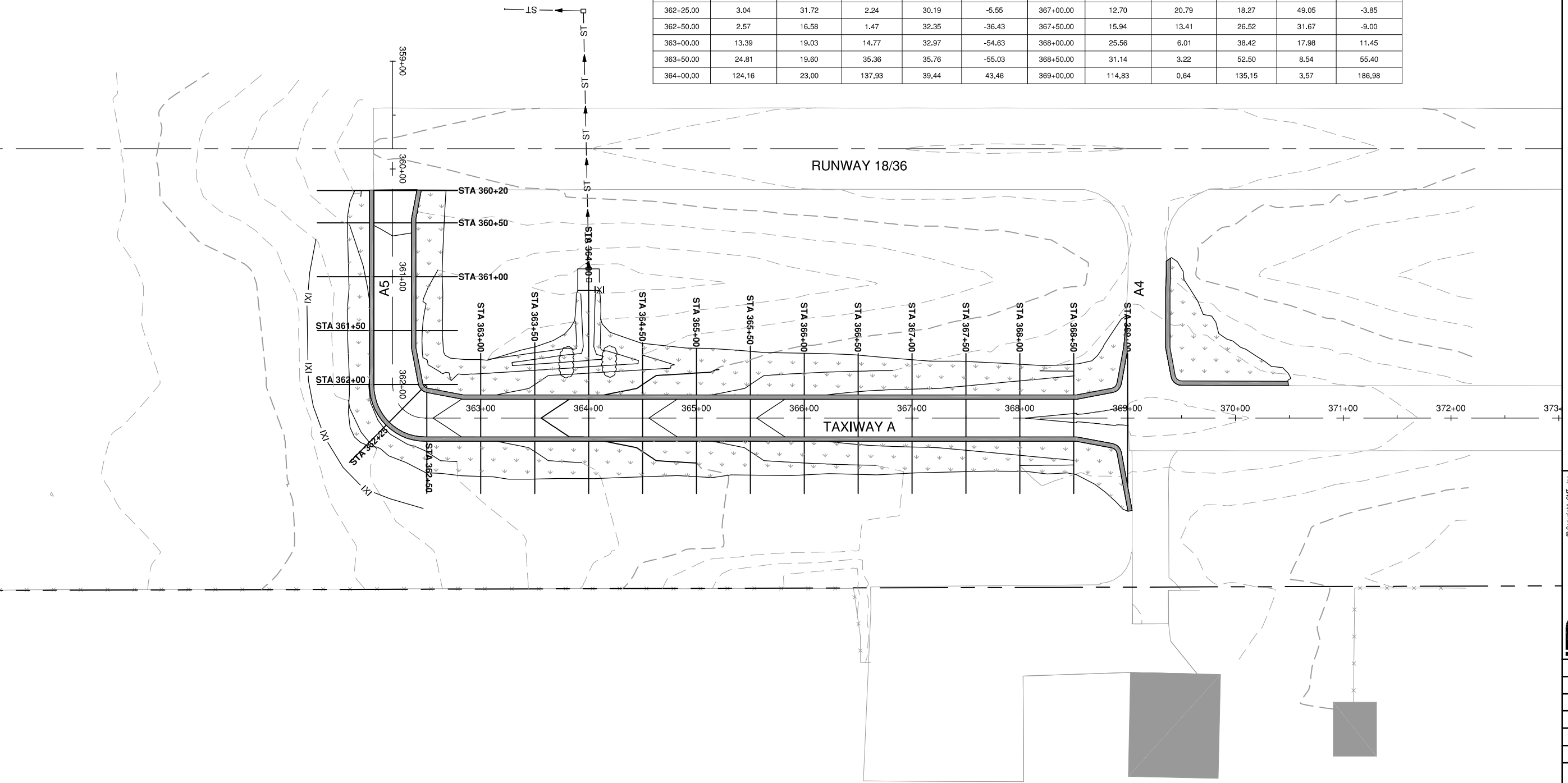
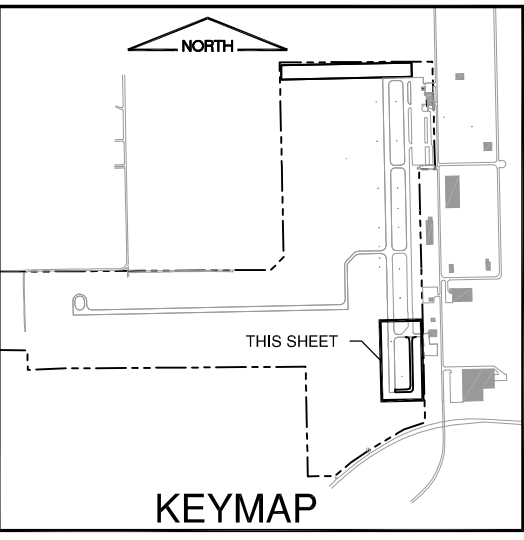
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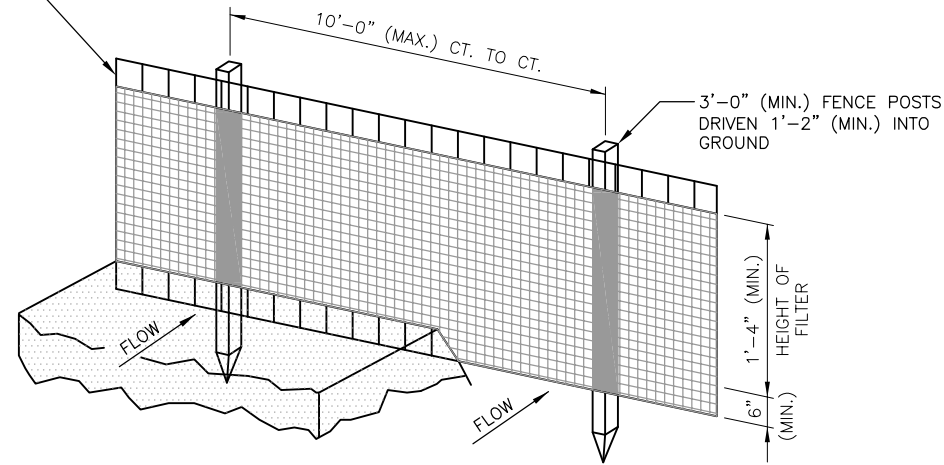
LEGEND

- SILT FENCE
- PROPOSED CONTOURS
- EXISTING CONTOURS
- 4' SOD AND KNITTED STRAW MAT
- STRAW WATTLE
- SEEDING AND MULCH

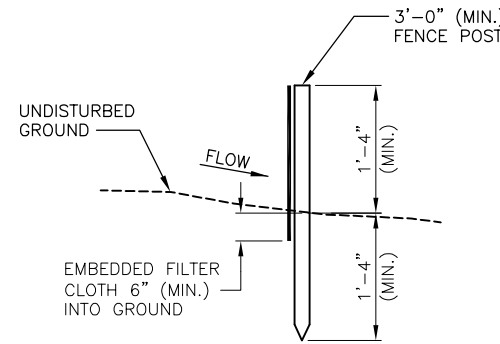
EARTH WORK VOLUME						EARTH WORK VOLUME					
STATION	CUT AREA (S.F.)	FILL AREA (S.F.)	CUT VOL. (C.Y.)	FILL VOL. (C.Y.)	CUM. VOL. (C.Y.)	STATION	CUT AREA (S.F.)	FILL AREA (S.F.)	CUT VOL. (C.Y.)	FILL VOL. (C.Y.)	CUM. VOL. (C.Y.)
360+20.00	57.15	0.01	0.00	0.00	0.00	364+50.00	14.67	23.81	128.54	43.35	128.65
360+50.00	28.03	4.79	47.32	2.66	44.66	365+00.00	8.60	23.43	21.54	43.74	106.45
361+00.00	15.32	17.21	40.14	20.37	64.43	365+50.00	12.03	19.80	19.10	40.02	85.53
361+50.00	7.64	18.39	21.27	32.96	52.73	366+00.00	10.28	25.46	20.66	41.91	64.28
362+00.00	5.74	27.75	12.39	42.72	22.40	366+50.00	7.03	32.18	16.03	53.37	26.93
362+25.00	3.04	31.72	2.24	30.19	-5.55	367+00.00	12.70	20.79	18.27	49.05	-3.85
362+50.00	2.57	16.58	1.47	32.35	-36.43	367+50.00	15.94	13.41	26.52	31.67	-9.00
363+00.00	13.39	19.03	14.77	32.97	-54.63	368+00.00	25.56	6.01	38.42	17.98	11.45
363+50.00	24.81	19.60	35.36	35.76	-55.03	368+50.00	31.14	3.22	52.50	8.54	55.40
364+00.00	124.16	23.00	137.93	39.44	43.46	369+00.00	114.83	0.64	135.15	3.57	186.98



WOVEN WIRE FENCE (MIN. 14-1/2" GA. MIN., MAX. 6" MESH SPACING)
POLYPROPYLENE REINFORCING MESH MAY BE USED IF INCORPORATED IN A PREFABRICATED UNIT.



PERSPECTIVE VIEW



SECTION

EROSION CONTROL FABRIC FENCE DETAILS

N.T.S.

NOTES

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 2'-0" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" MINIMUM AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. MAINTENANCE, WHICH INCLUDES THE REPLACEMENT OF DAMAGED FENCE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE EROSION CONTROL FENCE.

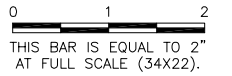
POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.

FENCE: WOVEN WIRE, 14-1/2" GA. 6" MAX. MESH OPENING
POLYPROPYLENE MESH, IF INCORPORATED IN PREFAB UNIT.

TA005

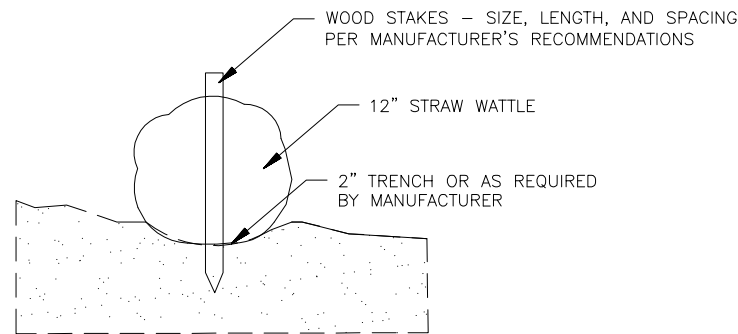
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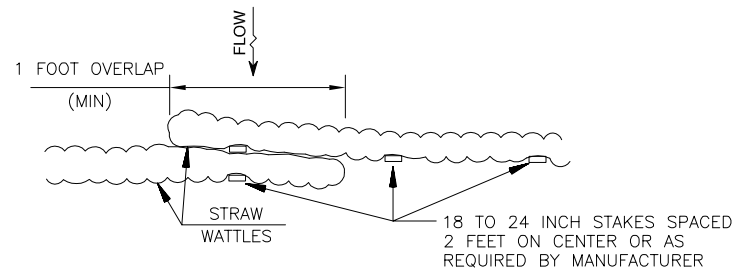
TAXIWAY EXTENSION
EROSION CONTROL DETAILS



SECTION

MANUFACTURERS:

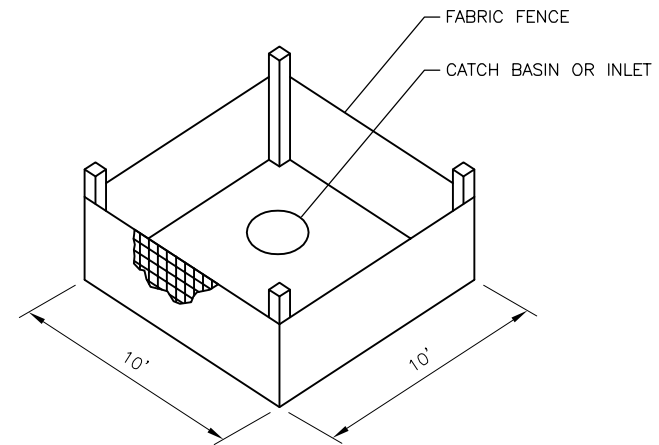
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2. WESTERN EXCELSIOR
3. APPROVED EQUAL



PLAN

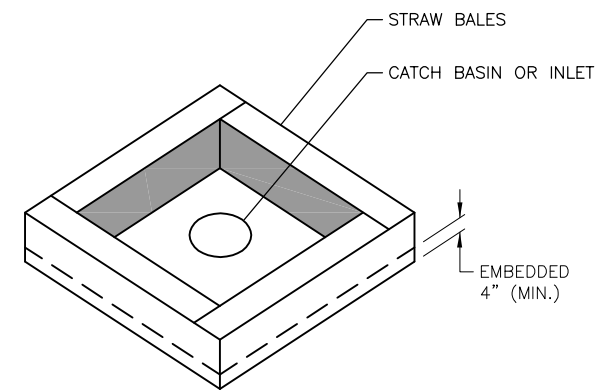
STRAW WATTLES

N.T.S.



INLET PROTECTION WITH FABRIC

N.T.S.



INLET PROTECTION WITH STRAW BALES

N.T.S.

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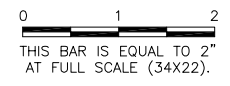


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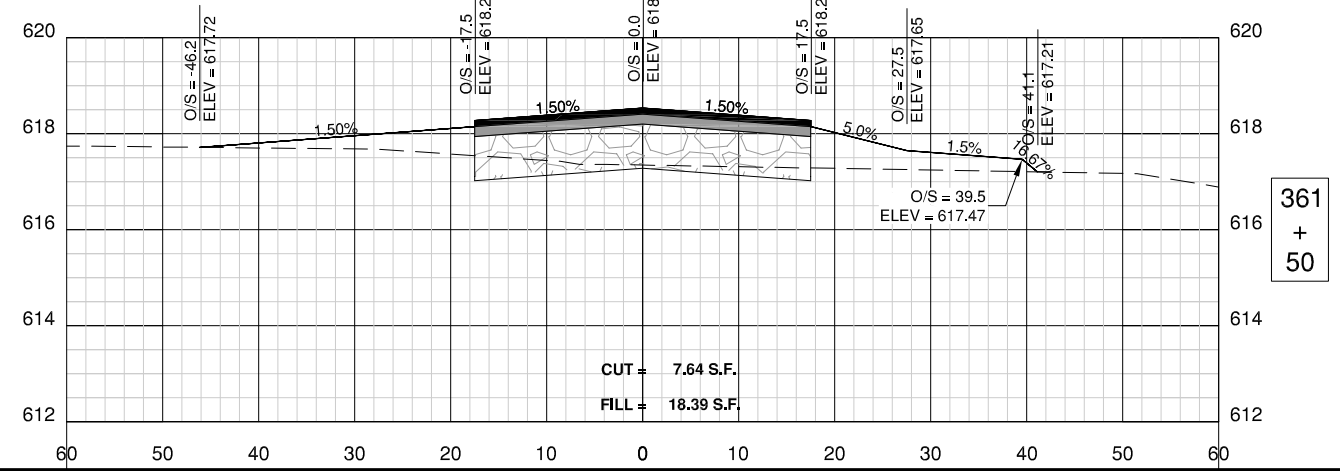
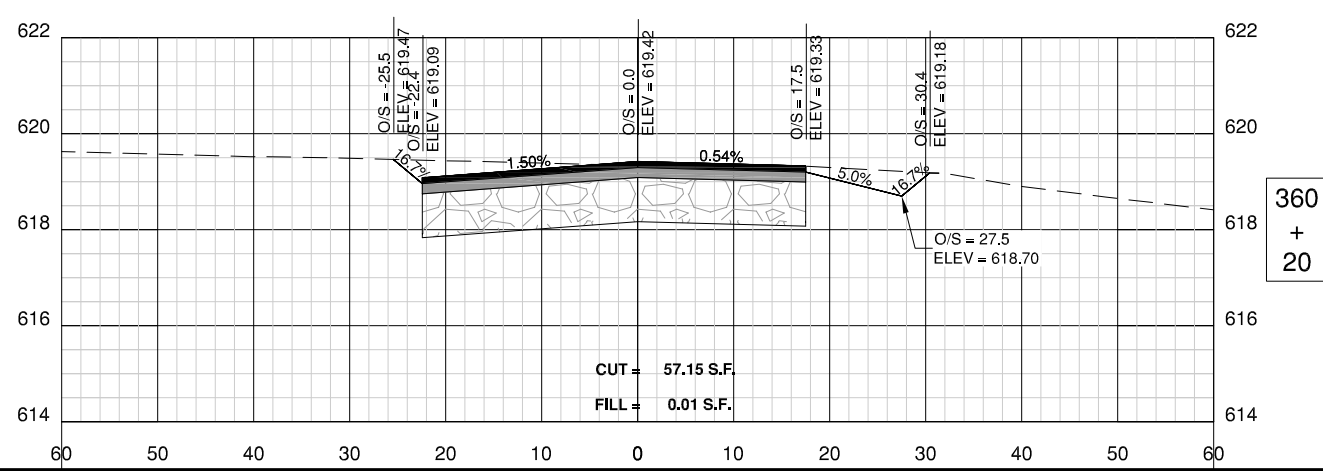
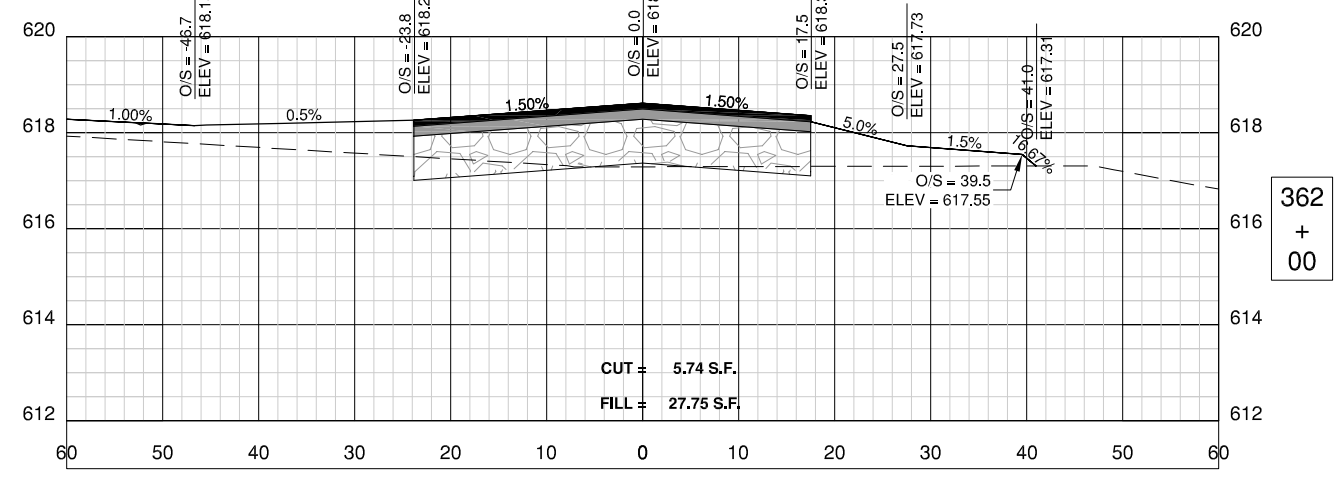
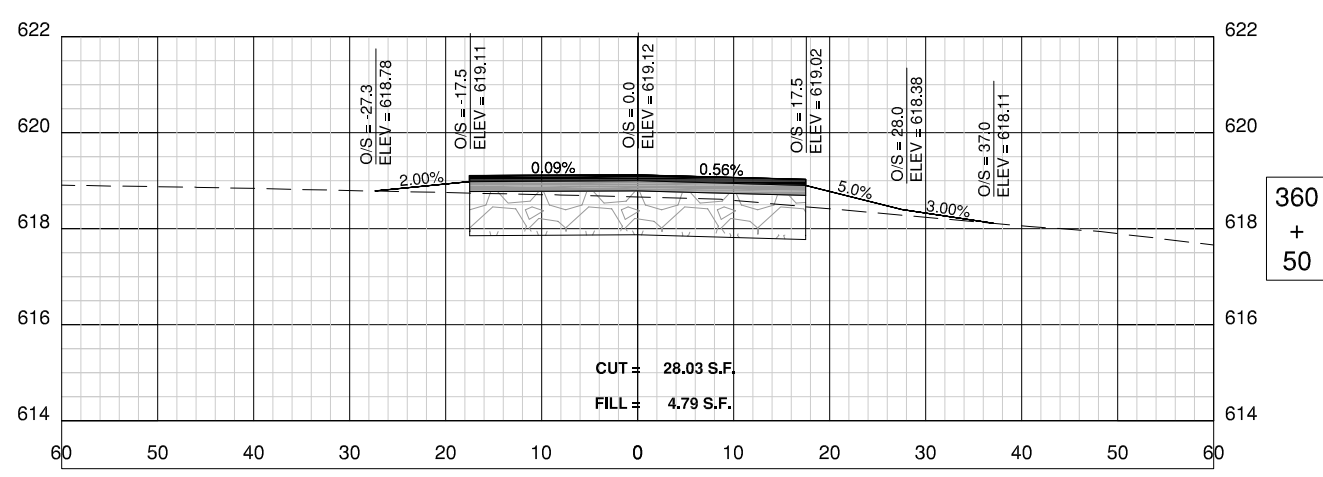
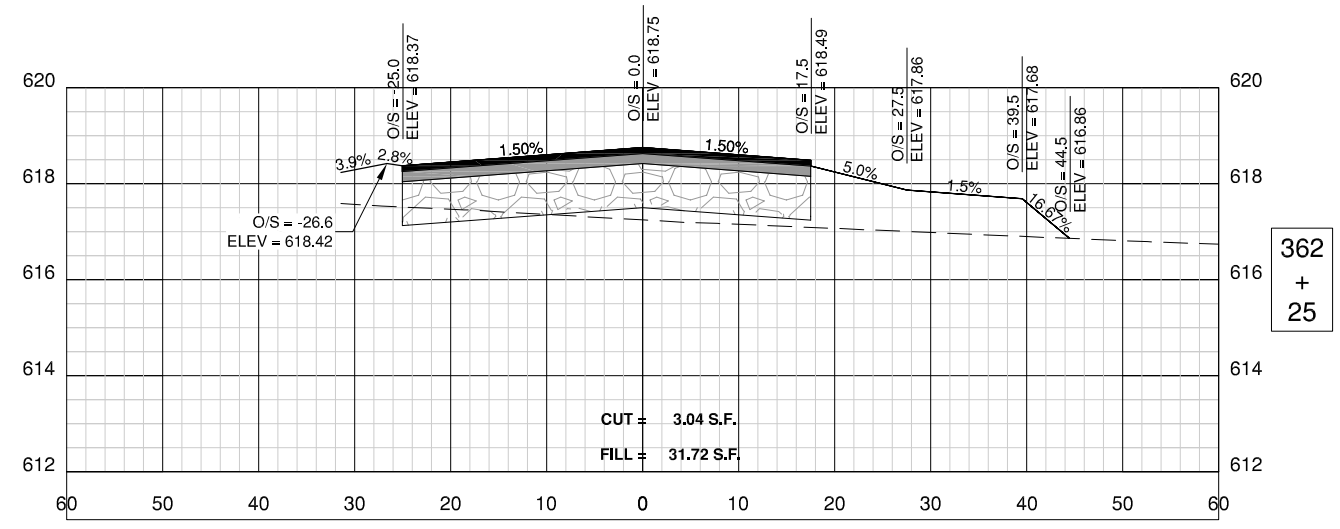
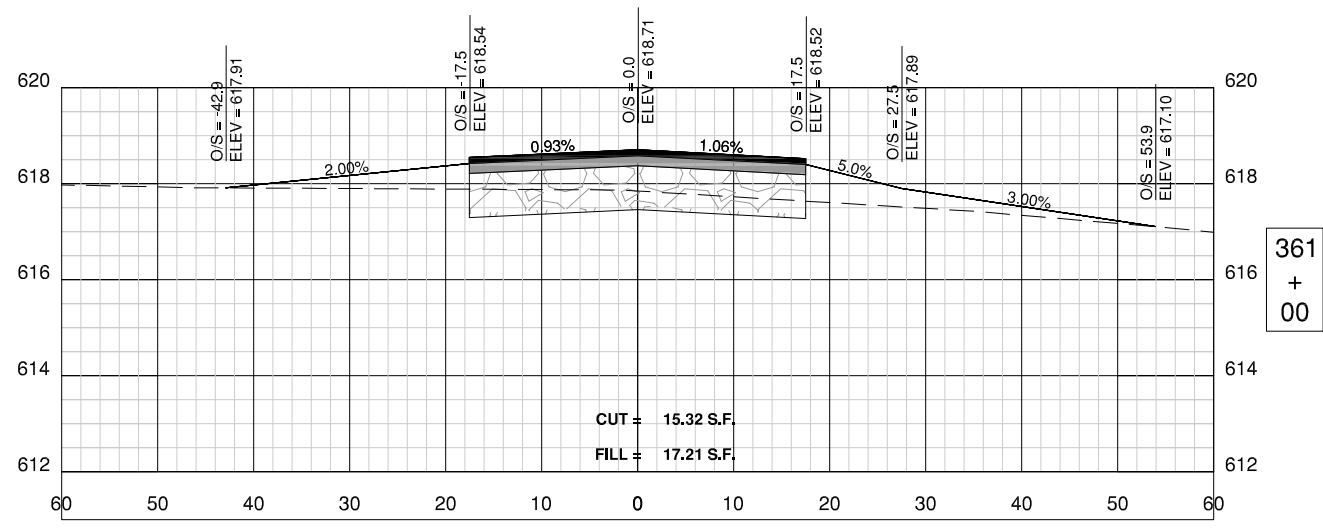


**TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS**

**TAXIWAY EXTENSION
 TAXIWAY A CROSS SECTION 1**

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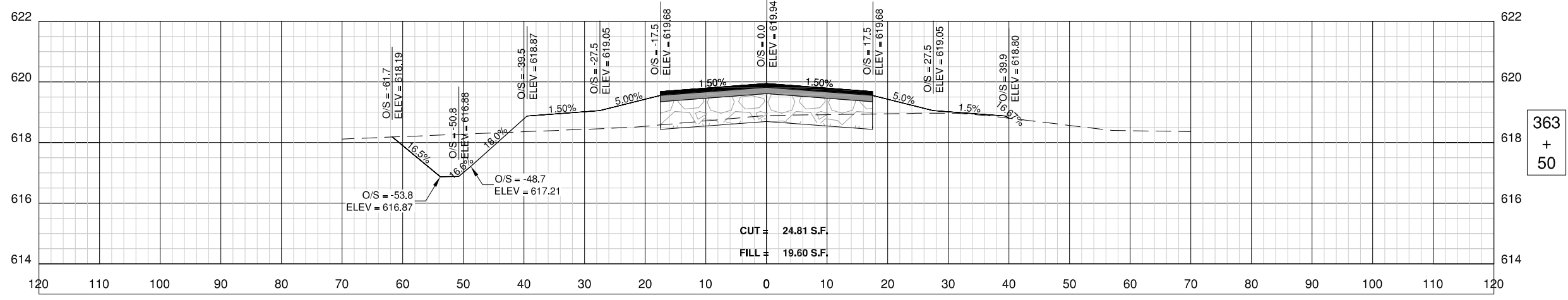
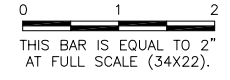


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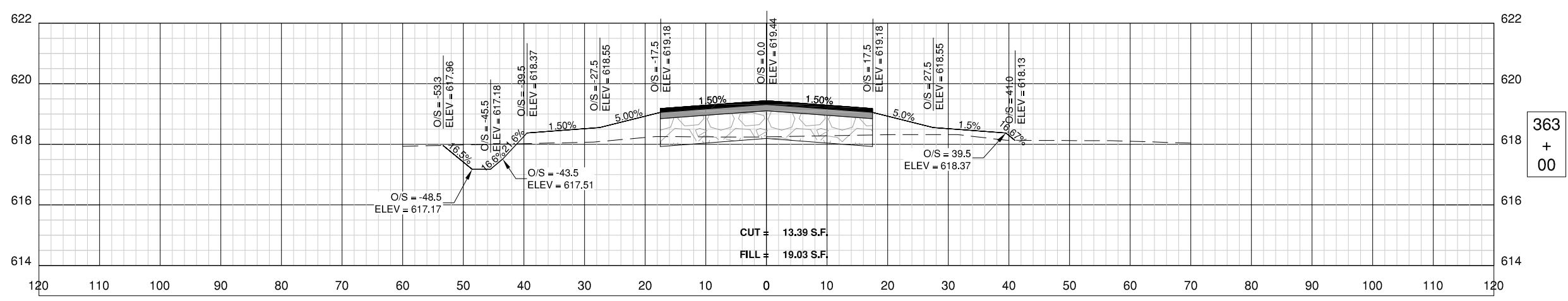
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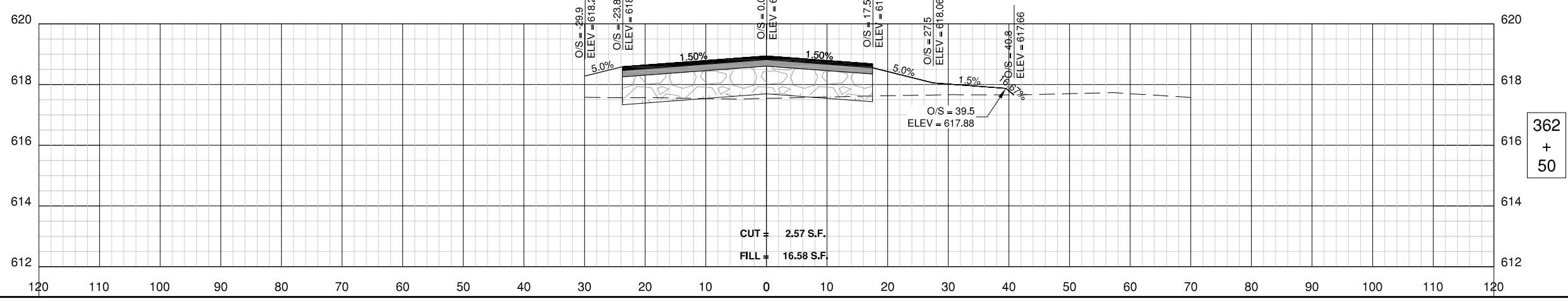
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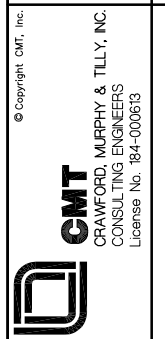
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TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS

TAXIWAY EXTENSION
 TAXIWAY A CROSS SECTION 2



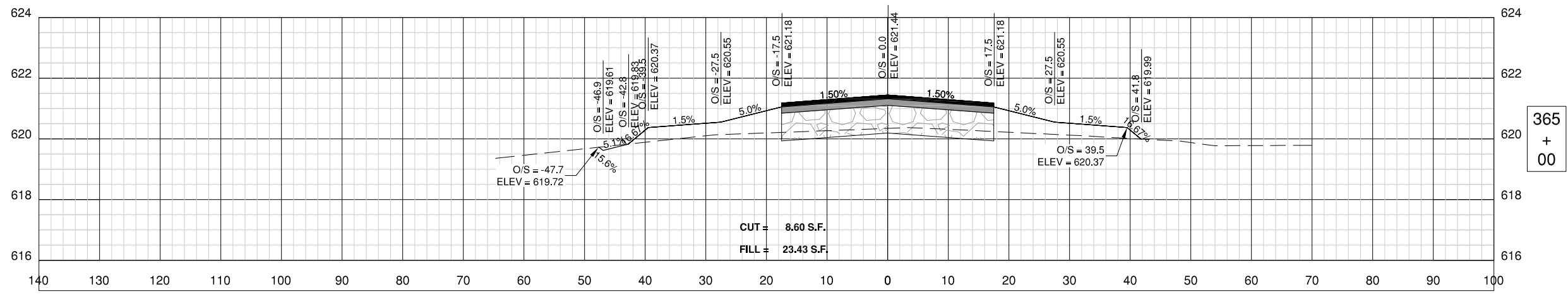
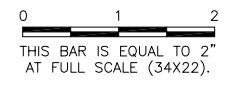
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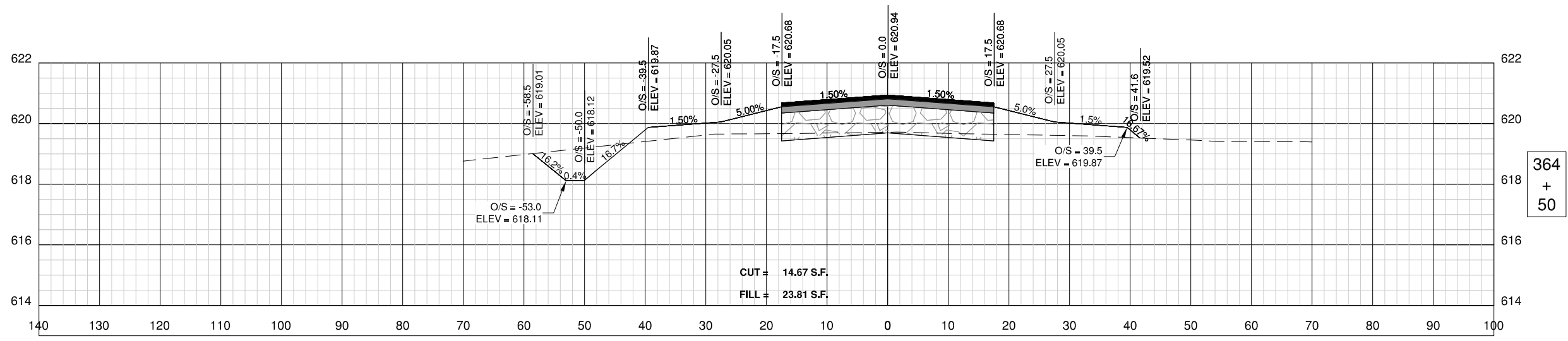
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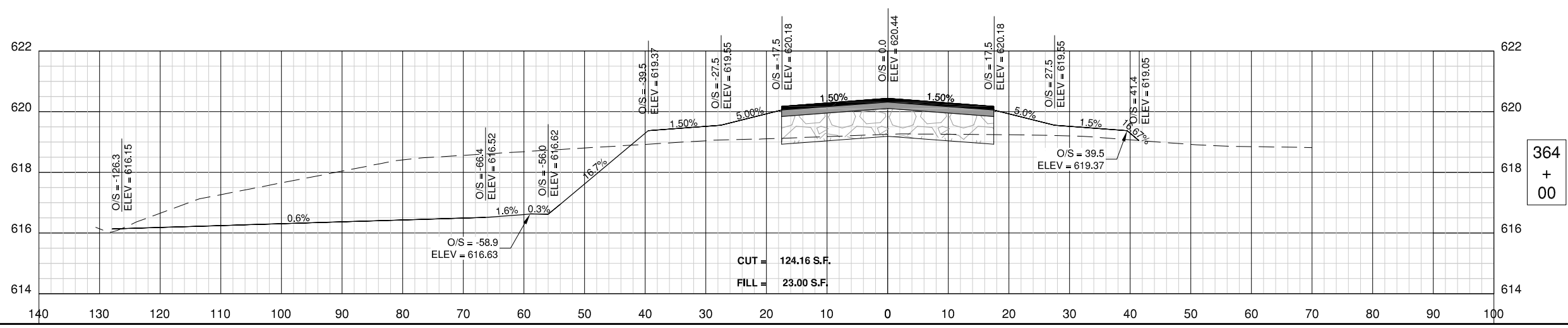
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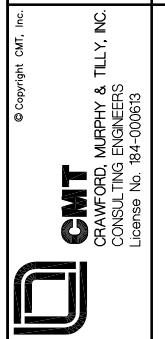


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 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS
 TAXIWAY EXTENSION
 TAXIWAY A CROSS SECTION 3



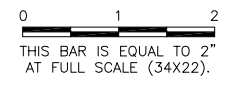
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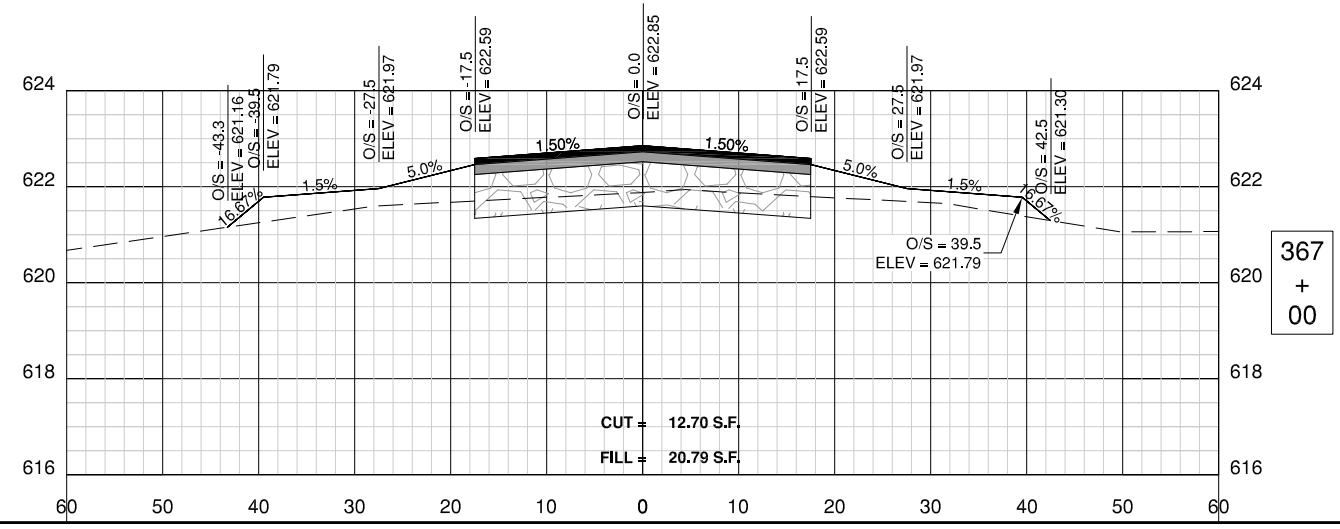
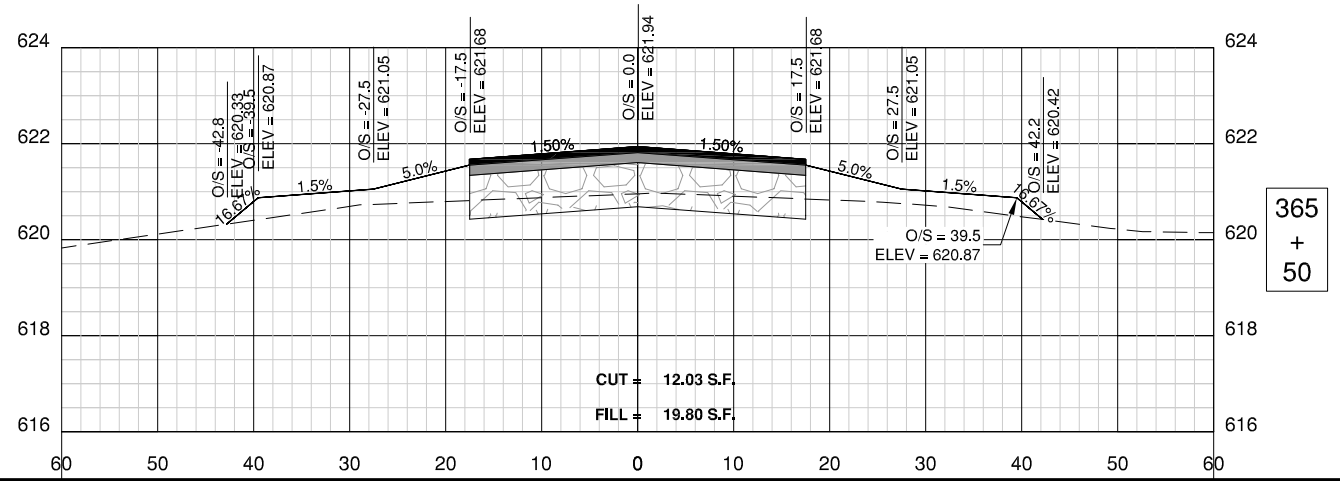
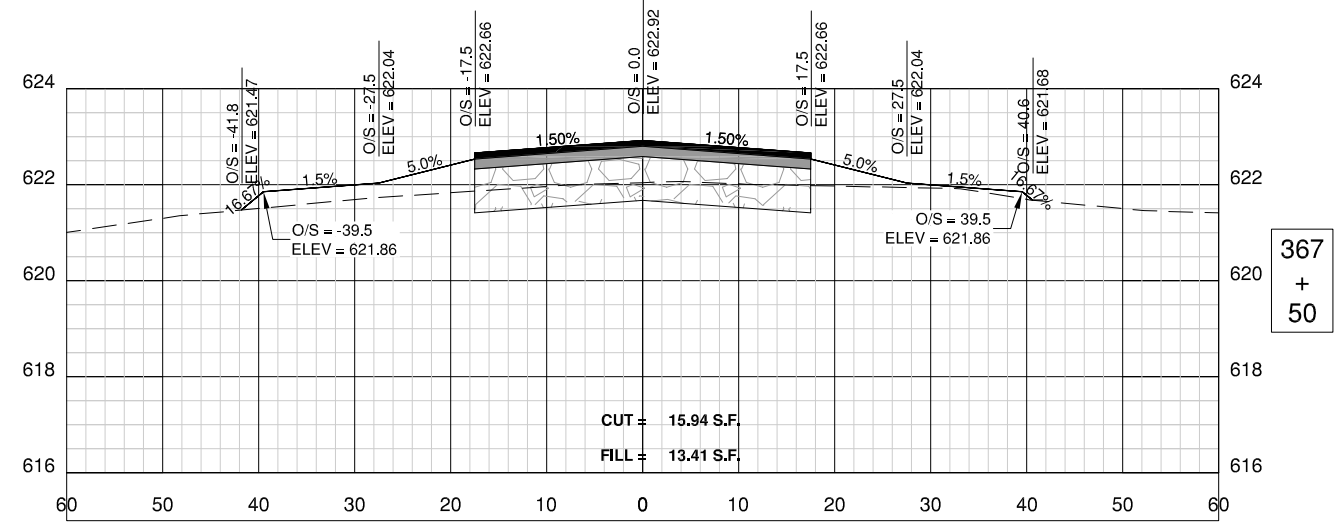
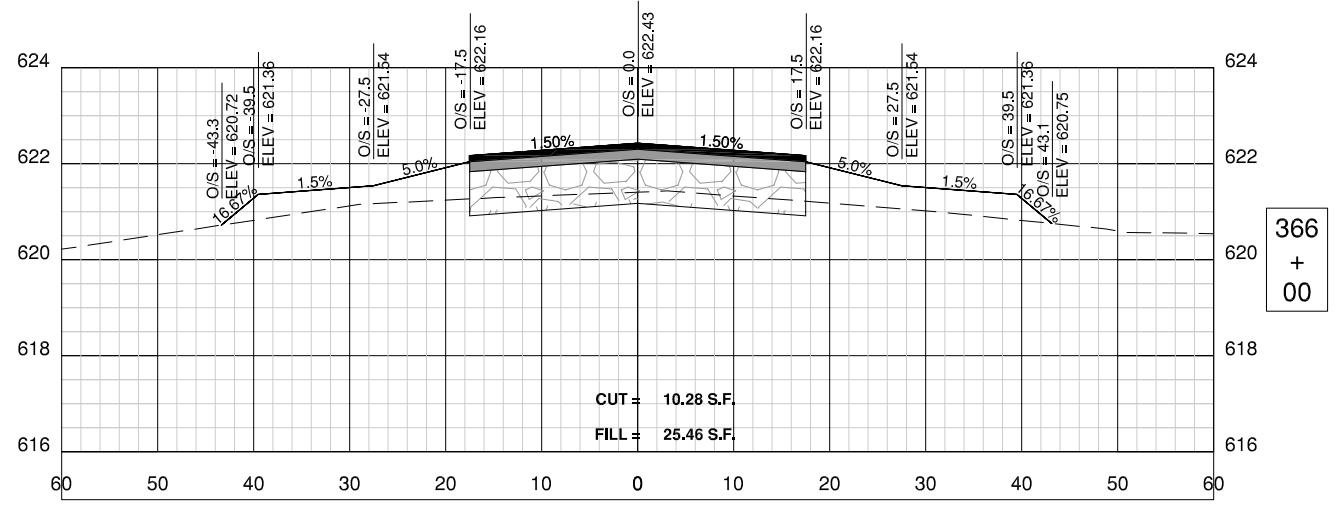
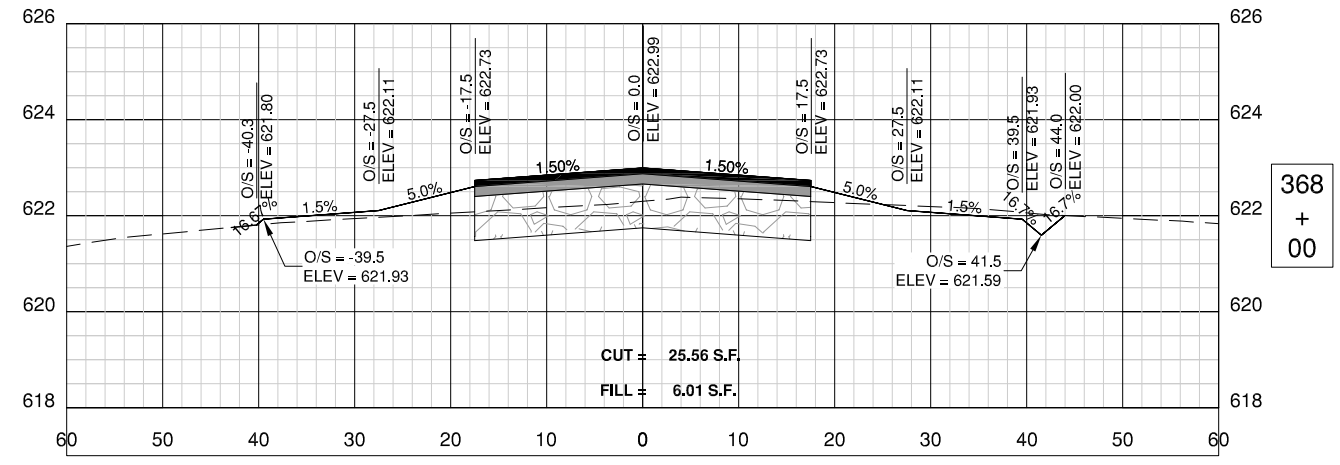
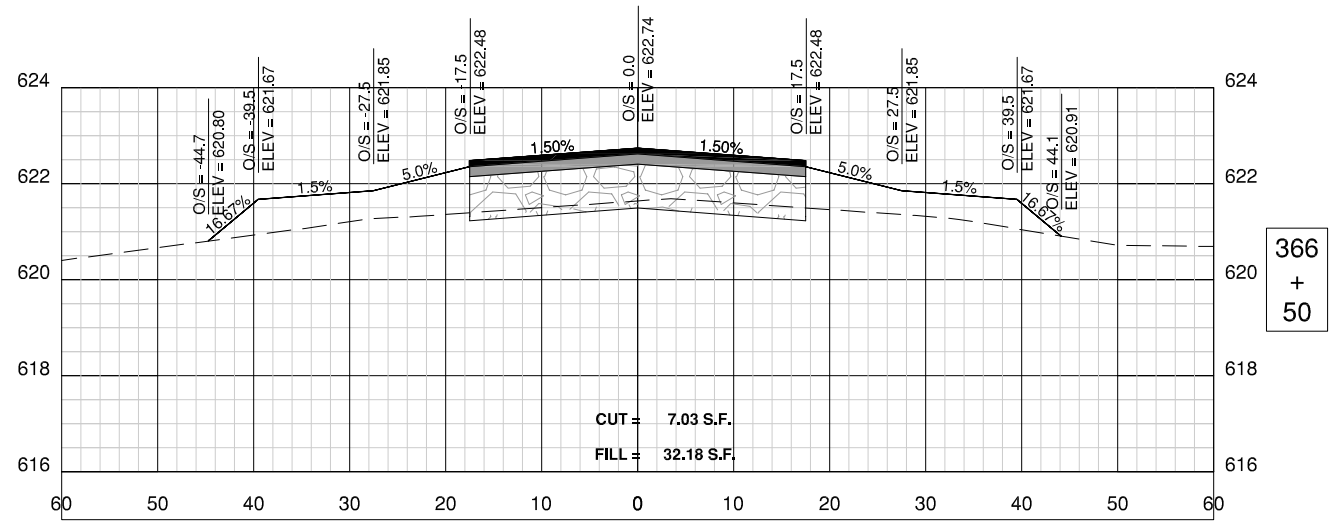


**TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS**

**TAXIWAY EXTENSION
 TAXIWAY A CROSS SECTION 4**

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DATE:	MARCH 13, 2013
JOB No:	11050-01
IL. PROJ. NO. TAZ-4096 SBG NO. 3-17-0100-B13	
SHEET	24 OF 25 SHEETS

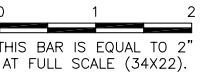


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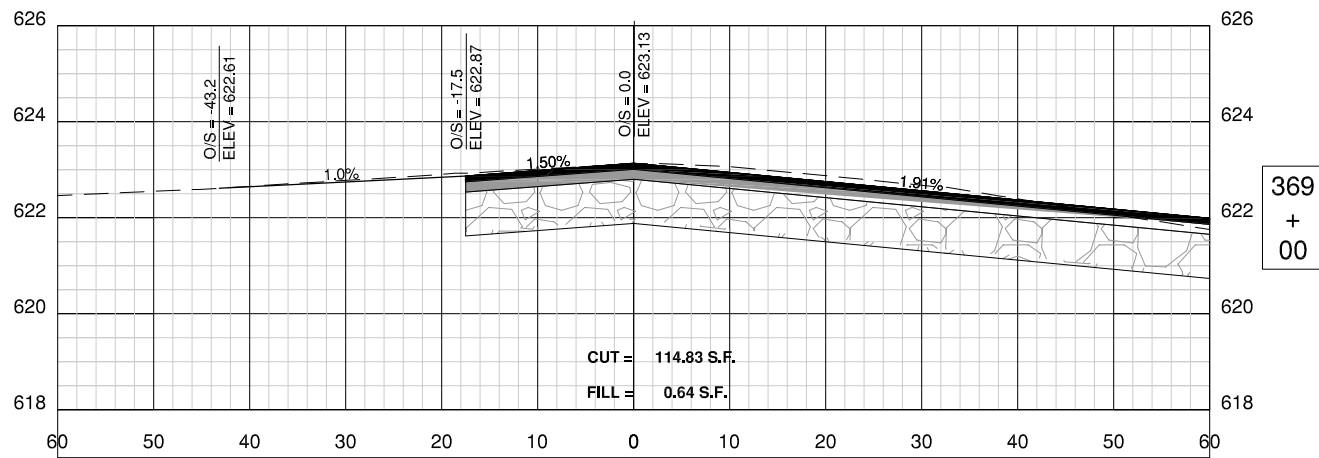


TAYLORVILLE MUNICIPAL AIRPORT
 TAYLORVILLE AIRPORT
 TAYLORVILLE, ILLINOIS

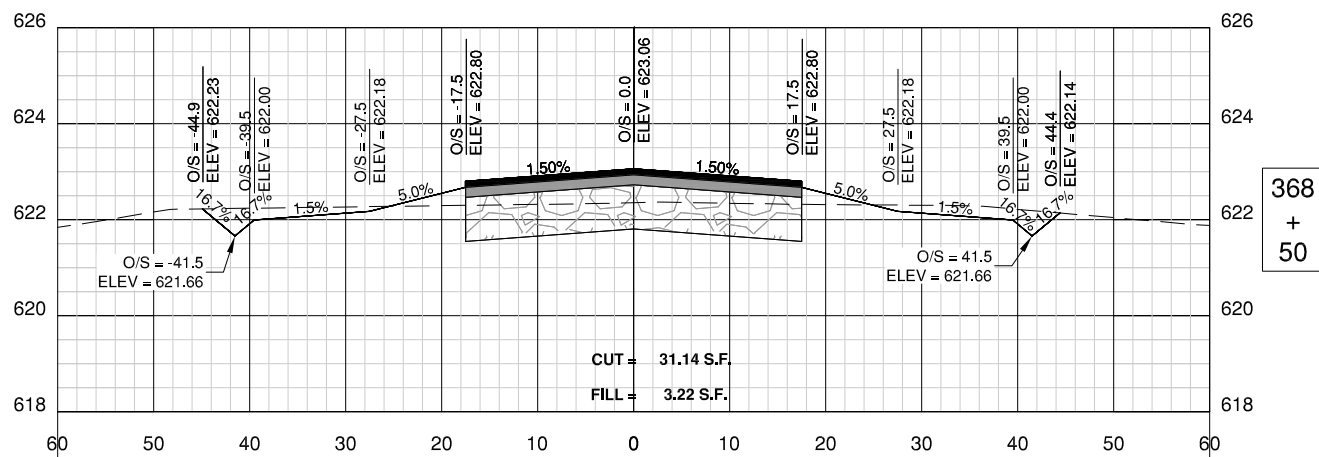
TAXIWAY EXTENSION
TAXIWAY A CROSS SECTION 5

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368
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