

ITEM 01A
23 APR 2021 LETTING

CONSTRUCTION PLANS FOR TAYLORVILLE MUNICIPAL AIRPORT

CITY OF TAYLORVILLE
TAYLORVILLE, IL

IL PROJECT: TAZ-4842
AIP PROJECT: 3-17-SBGP-139/144/156/162
REHABILITATE TAXIWAY A PAVEMENT AND LIGHTING - PHASE 1;
INSTALL NEW AIRPORT ROTATING BEACON AND TOWER

MARCH 22, 2021

811 Know what's below.
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www.call811.com or
Phone: 811

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 THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE 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. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL 911 IN THE EVENT IN WHICH DAMAGE RESULTS IN THE RELEASE OF NATURAL GAS.

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

TAYLORVILLE MUNICIPAL AIRPORT

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



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SUMMARY OF QUANTITIES							
ITEM NO.	DESCRIPTION OF OFFERED ITEM	UNIT	BASE BID QUANTITY	ADD. ALT. 1 QUANTITY	ADD. ALT. 2 QUANTITY	ADD. ALT. 3 QUANTITY	TOTAL QUANTITY
AR101510	AIRPORT ROTATING BEACON	EA	1	0	0	0	1
AR103970	REFURBISH & RELOCATE BEACON TOWER	LS	1	0	0	0	1
AR108060	BEACON POWER CABLE INSTALLATION	LS	1	0	0	0	1
AR108158	1/C #8 5 KV UG CABLE IN UD	LF	4365	375	375	375	5490
AR108706	1/C #6 COUNTERPOISE	LF	3720	340	340	340	4740
AR108960	REMOVE CABLE	LF	4150	500	400	300	5350
AR110014	4" DIRECTIONAL BORE	LF	40	0	0	0	40
AR110102	DUCT MARKING - IN PAVEMENT	EA	10	0	0	0	10
AR110551	EXTEND DUCT	LF	144	0	0	0	144
AR110900	REMOVE DUCT	LF	58	0	0	0	58
AR125411	MITL - STAKE MOUNTED - LED	EA	36	2	2	4	44
AR125416	MITL - BASE MOUNTED - LED	EA	37	0	0	2	39
AR125901	REMOVE STAKE MOUNTED LIGHT	EA	36	0	0	0	36
AR125902	REMOVE BASE MOUNTED LIGHT	EA	17	2	2	2	23
AR125964	RELOCATE TAXI GUIDANCE SIGN	EA	2	0	0	0	2
AR150510	ENGINEER'S FIELD OFFICE	LS	1	0	0	0	1
AR150520	MOBILIZATION	LS	1	0	0	0	1
AR152410	UNCLASSIFIED EXCAVATION	CY	685	0	0	0	685
AR152480	SHOULDER ADJUSTMENT	SY	1200	170	135	100	1605
AR156520	INLET PROTECTION	EA	8	1	0	1	10
AR201660	BITUMINOUS CRACK REPAIR	LF	950	175	200	130	1455
AR201670	CRACK CONTROL FABRIC	SY	430	80	200	60	770
AR209610	CRUSHED AGG. BASE COURSE - 10"	SY	1630	0	0	0	1630
AR401610	BITUMINOUS SURFACE COURSE	TON	1030	90	70	60	1250
AR401650	BITUMINOUS PAVEMENT MILLING	SY	9765	975	780	640	12160
AR401655	BUTT JOINT CONSTRUCTION	SY	340	0	0	0	340
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	2360	670	540	360	3930
AR403610	BITUMINOUS BASE COURSE	TON	1710	150	120	100	2080
AR602510	BITUMINOUS PRIME COAT	GAL	410	0	0	0	410
AR603510	BITUMINOUS TACK COAT	GAL	3175	150	120	100	3545
AR620520	PAVEMENT MARKING - WATERBORNE	SF	18600	300	200	150	19250
AR620525	PAVEMENT MARKING - BLACK BORDER	SF	5550	300	150	120	6120
AR620900	PAVEMENT MARKING REMOVAL	SF	350	0	0	0	350
AR705524	4" PERFORATED UNDERDRAIN W/ SOCK	LF	3540	478	200	150	4368
AR705544	4" NON PERFORATED UNDERDRAIN	LF	975	0	0	0	975
AR705635	UNDERDRAIN COLLECTION STRUCTURE	EA	7	0	0	0	7
AR705640	UNDERDRAIN CLEANOUT	EA	14	1	1	1	17
AR705645	UNDERDRAIN CONNECTION	EA	7	1	0	0	8
AR901510	SEEDING	AC	1.6	0.2	0.2	0.1	2.1
AR904510	SODDING	SY	1074	270	180	90	1614
AR908510	MULCHING	AC	1.6	0.2	0.2	0.1	2.1



License No. 184-000613

CONSULTANTS

MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK | DATE | DESCRIPTION

AIP PROJECT: 3-17-SBGP-139/144/156/162

IL PROJECT: TAZ-4842 CONTRACT: TA007

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-4842_GH02.DWG

DESIGNED BY: JGH

DRAWN BY: CMT

CHECKED BY:

APPROVED BY:

COPYRIGHT:

SHEET TITLE

INDEX TO SHEETS &
SUMMARY OF
QUANTITIES

GI002

SHEET 2 OF 59

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 150/5370-2G, 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 150/5370-2G. 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 46 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 1A IS THE WORK THAT REQUIRES THE PRIMARY RUNWAY TO BE CLOSED. THE CONTRACTOR SHALL EXPEDITE ALL WORK WITHIN THE PHASE 1A WORK AREAS TO MINIMIZE THE CLOSURE TIME OF THE RUNWAY. PHASE 1A 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 & 2 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.

PHASE 1A & 2A 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 TO COMPLETE THE WORK. THE RUNWAY SHALL BE CLEANED AND REOPENED AT THE END OF EACH PHASE. 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 14 CONSECUTIVE CALENDAR DAYS TO COMPLETE THE WORK IN EACH PHASE, STARTING ON A MONDAY SELECTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT MANAGER TO COMPLETE THE WORK.

- 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 1A AND PHASE 2 DURING PHASE 2A.

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. THE AIRPORT WILL BE HOSTING EVENTS THROUGHOUT THE SUMMER AND RESERVES THE RIGHT TO HALT CONSTRUCTION UNTIL FURTHER NOTICE. KNOWN EVENTS AT THIS TIME ARE:
- JULY 9-16, 2019

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

ANDY GOODALL - INTERIM AIRPORT MANAGER (217) 827-9755

ENGINEER

J. GREGORY HUNTLEY 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 150/5370-2G 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 1A & 1B. THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOW THE REQUIREMENTS OF FAA AC 150/5370-2G.
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 THE CONSTRUCTION ACTIVITY PLAN SHEETS.

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 150/5370-2G AND 150/5210-5D 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.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF THE AIRSPACE FOR THE CONSTRUCTION EQUIPMENT THAT IS TALLER THAN THAT SPECIFIED ON THE PLANS WITH THE FAA. THIS PROCESS MAY TAKE UP TO 12 WEEKS TO COMPLETE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEGGER TESTING ALL EXISTING CIRCUITS PRIOR TO CONSTRUCTION AND FOLLOWING CONSTRUCTION AS SPECIFIED IN THE CONTRACT DOCUMENTS.



License No. 184-000613

CONSULTANTS

MARCH 22, 2021

REHABILITATE TAXIWAY A PAVEMENT AND LIGHTING - PHASE 1; INSTALL NEW AIRPORT ROTATING BEACON AND TOWER

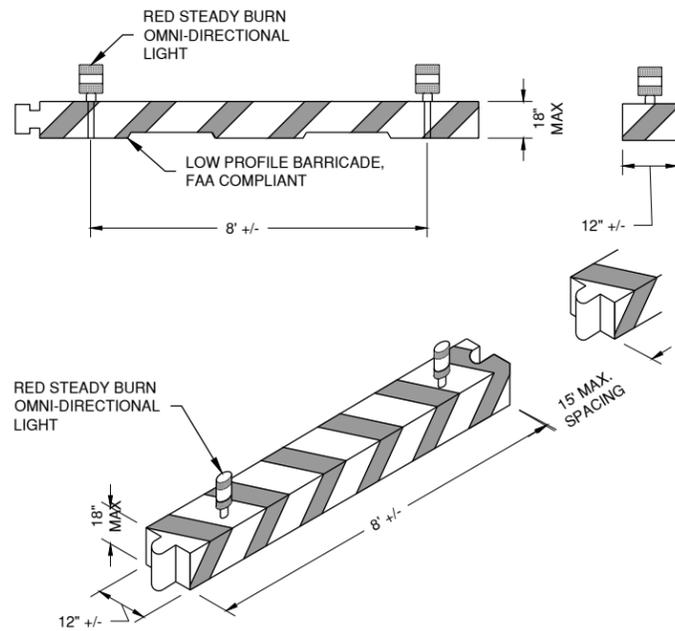
OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, IL

Table with columns: MARK, DATE, DESCRIPTION. Includes project details like AIP PROJECT: 3-17-SBGP-139/144/156/162, IL PROJECT: TAZ-4842, CONTRACT: TA007, CMT PROJECT NO: 200050-01, CAD DWG FILE: TAZ-4842_GC110.DWG, DESIGNED BY: JGH, DRAWN BY: CMT, CHECKED BY: CHK, APPROVED BY: APR, COPYRIGHT:

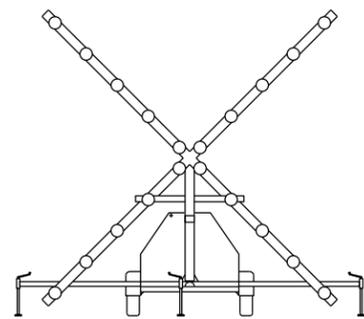
CONSTRUCTION SAFETY AND PHASING NOTES



1 BEAM BARRICADE DETAIL
N.T.S.

BEAM BARRICADE NOTES

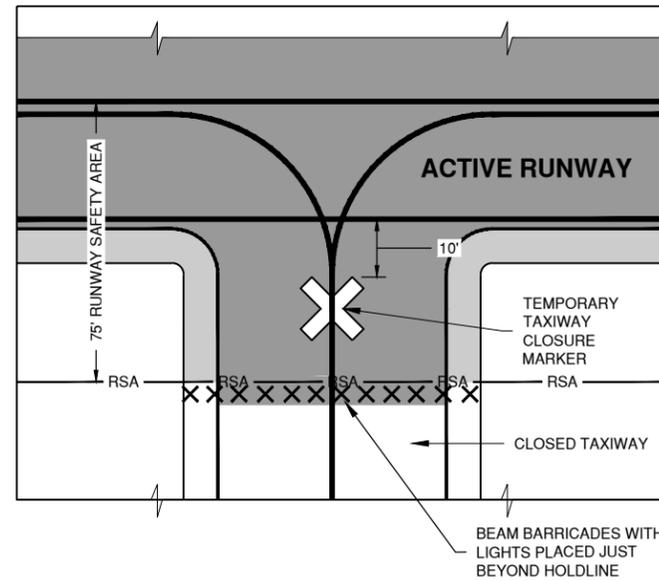
1. BARRICADE SHALL BE WEIGHTED TO WITHSTAND DISPLACEMENT BY WIND, JET OR PROP BLAST.
2. BARRICADE MUST BE OF LOW MASS AND EASILY COLLAPSIBLE UPON CONTACT WITH AN AIRCRAFT.
3. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
4. PLACE AS SHOWN IN PLANS AND AS DIRECTED BY THE ENGINEER.
5. BARRICADES SHALL BE COMPLIANT WITH FAA AC 150/5370-2 (LATEST VERSION).



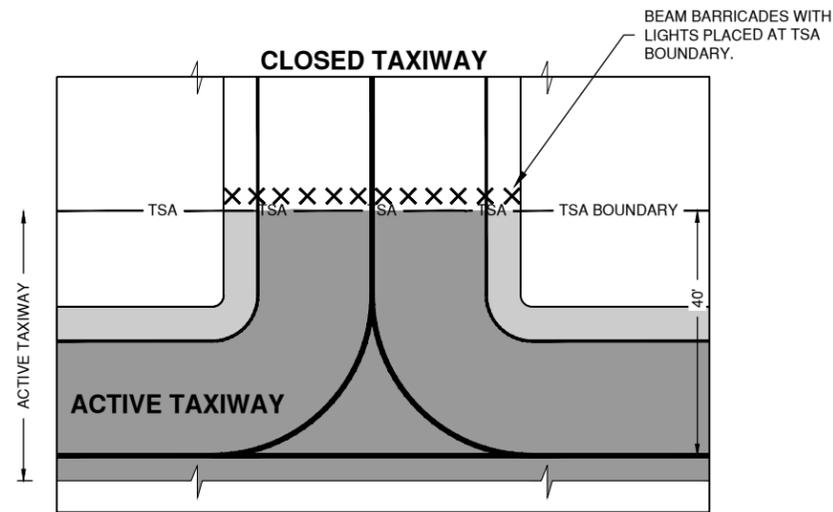
2 LIGHTED RUNWAY CLOSURE MARKER
N.T.S.

LIGHTED RUNWAY CLOSURE MARKER NOTES

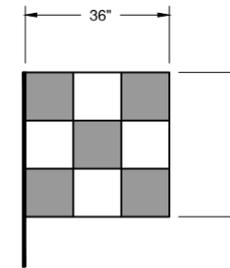
1. TO BE PLACED ON PAVEMENT AT THE RUNWAY NUMERALS FOR NIGHTTIME CLOSURE.
2. THE CONTRACTOR SHALL PROVIDE FOUR CLOSURE MARKERS (2 PAIR) AND MAINTAIN THEM (FUEL, OIL, LIGHT BULBS) WHEN USED DURING CONSTRUCTION CLOSURES.
3. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS ASSOCIATED WITH PROVIDING AND MAINTAINING THIS ITEM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.



3 CLOSED TAXIWAY/ACTIVE RUNWAY BARRICADE DETAIL
N.T.S.



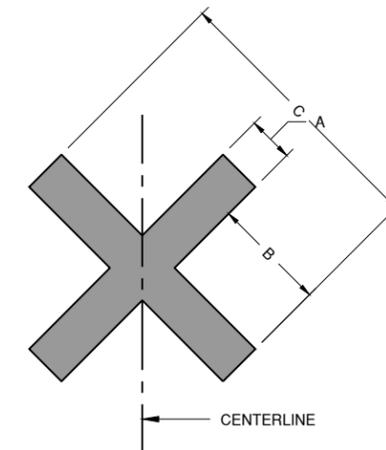
4 CLOSED TAXIWAY/ACTIVE TAXIWAY BARRICADE DETAIL
N.T.S.



5 EQUIPMENT & VEHICLE SIGNAL FLAG
N.T.S. (ORANGE / WHITE)

SIGNAL FLAG NOTES

1. ALL CONTRACTOR VEHICLES AND EQUIPMENT SHALL DISPLAY COMPANY LOGO PLACARDS AND FLAG.
2. WHEN WORKING PRIOR TO DAWN OR AFTER DUSK, A 360 DEGREE ROTATING AMBER BEACON IS REQUIRED ON ALL EQUIPMENT AND TRUCKS.
3. CONTRACTOR SHALL REPLACE FLAGS THAT ARE WORN AND INEFFECTIVE.



SYMBOL TYPE	DIMENSION	A	B	C
CLOSED TAXIWAY		5'-0"	12'-6"	30'-0"
CLOSED RUNWAY		10'-0"	25'-0"	60'-0"

6 NON-LIGHTED CLOSURE MARKER
N.T.S.

NOTES

1. CLOSURE MARKERS SHALL BE SOLID YELLOW.
2. MARKERS SHALL BE PLACED ON TAXIWAYS AT THE RUNWAY INTERSECTIONS INSIDE THE RUNWAY SAFETY AREA.
3. MARKERS SHALL BE PLACED ON RUNWAYS TO COVER THE NUMERALS ON BOTH ENDS.
4. MARKERS MAY BE CONSTRUCTED OF FABRIC, COLORED PLASTIC, PAINTED SHEETS OF PLYWOOD OR SIMILAR MATERIALS.
5. MARKERS SHALL BE SECURED TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS. METHODS OF SECURING THE MARKERS SHALL NOT PROTRUDE MORE THAN 3" ABOVE THE PAVEMENT.

MARCH 22, 2021

REHABILITATE TAXIWAY A PAVEMENT AND LIGHTING - PHASE 1; INSTALL NEW AIRPORT ROTATING BEACON AND TOWER

OWNER

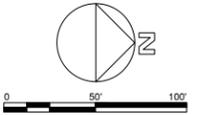


CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

SHEET TITLE
CONSTRUCTION SAFETY PHASING DETAILS

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MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

OWNER

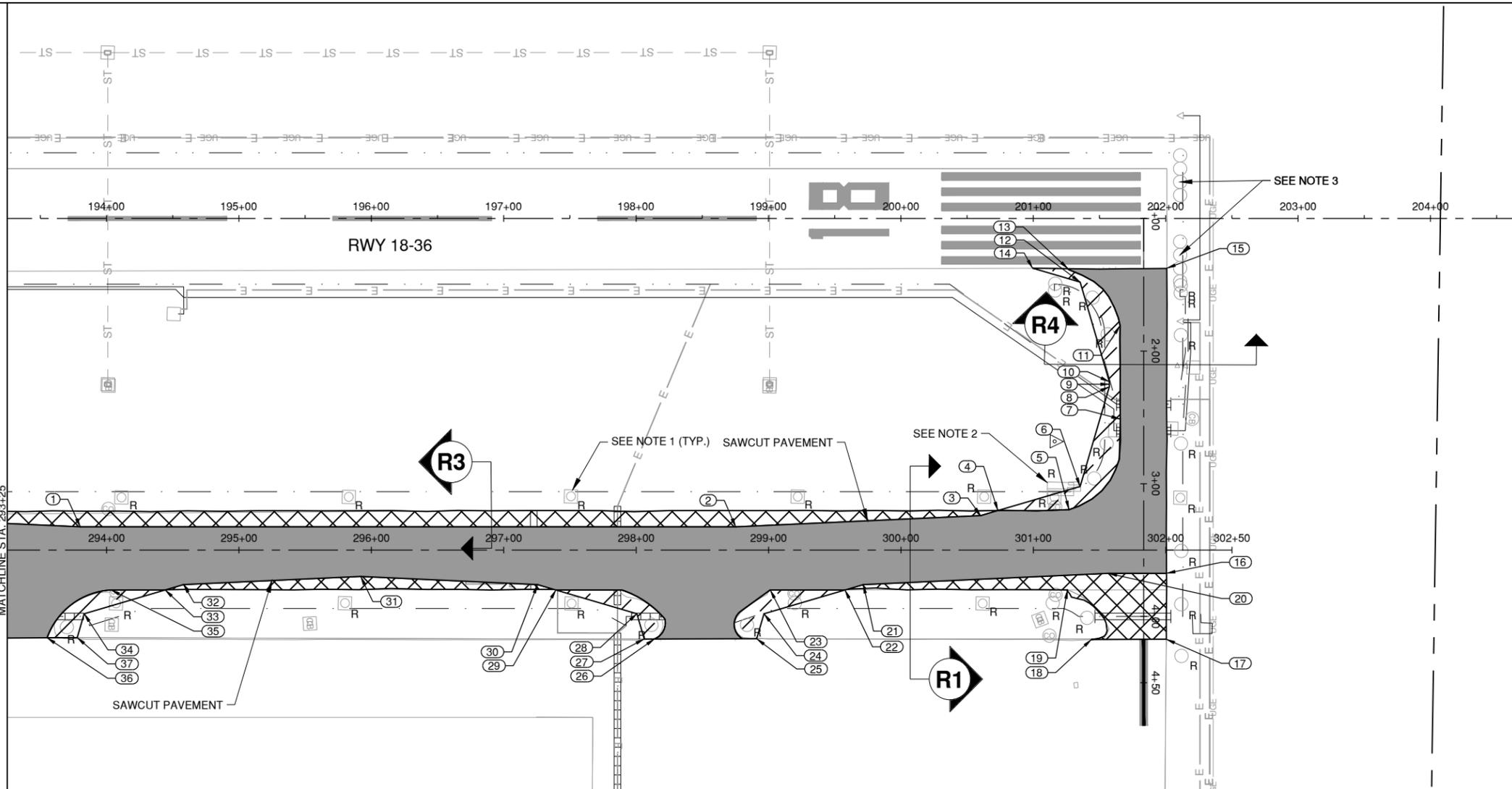


CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION
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		IL PROJECT: TAZ-4842 CONTRACT: TA007
		CMT PROJECT NO: 200050-01
		CAD DWG FILE: TAZ-4842_CD101.DWG
		DESIGNED BY: SMS
		DRAWN BY: SMS
		CHECKED BY: MJD
		APPROVED BY: CBG
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SHEET TITLE
**EXISTING
CONDITIONS AND
REMOVALS 2**

CD102
SHEET 11 OF 59



- NOTES**
- CONTRACTOR TO REMOVE EXISTING VEGETATION CONTROL DEVICES AND SALVAGE. CONTRACTOR TO STORE VEGETATION CONTROL DEVICES UNTIL REINSTALLED.
 - CONTRACTOR TO REMOVE EXISTING SIGN AND SALVAGE. CONTRACTOR RESPONSIBLE TO STORE AND PROTECT EXISTING SIGN UNTIL RE-INSTALLATION. CONTRACTOR TO REMOVE EXISTING BASE AND PROVIDE NEW. EXISTING ADJACENT ABANDONED BASE TO BE REMOVED.
 - RUNWAY THRESHOLD LIGHT TO REMAIN CONTRACTOR SHALL PROTECT FROM DAMAGE DURING DEMOLITION AND REHABILITATION ACTIVITIES.

LEGEND

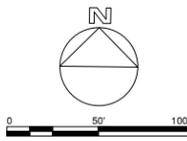
	EXISTING STAKE MOUNTED TAXIWAY LIGHT		EXISTING RUNWAY/THRESHOLD LIGHT
	EXISTING BASE MOUNTED TAXIWAY LIGHT		EXISTING RUNWAY LIGHT
	EXISTING TAXIWAY GUIDANCE SIGN		EXISTING CATCH BASIN
	EXISTING PAVEMENT MARKING		EXISTING FENCE
	PAVEMENT MARKING REMOVAL		EXISTING WINDCONE
	EXISTING TAXIWAY CIRCUIT		EXISTING DUCT
	EXISTING RUNWAY CIRCUIT		MILL & OVERLAY
	EXISTING STORM SEWER		TURF REMOVAL
	REMOVALS		PAVEMENT REMOVAL
	REMOVE FIXTURE		

GEOMETRY TABLE CD102

POINT	STATION	OFFSET
1	293+80.24	-17.500
2	298+75.34	-17.500
3	300+60.34	-26.000
4	300+73.31	-29.804
5	301+27.01	-30.515
6	301+35.34	-48.000
7	301+65.65	-98.776
8	301+57.34	-123.000
9	301+57.43	-125.000
10	301+57.34	-127.000
11	301+65.54	-169.149
12	301+35.34	-202.000
13	301+26.18	-212.136
14	300+99.54	-212.500
15	302+00.84	-212.501
16	302+00.57	17.501
17	302+00.47	67.206
18	301+43.84	67.443
19	301+25.82	29.989
20	301+56.55	17.500

GEOMETRY TABLE CD102

POINT	STATION	OFFSET
21	299+71.55	26.000
22	299+57.73	30.055
23	299+01.25	30.057
24	298+96.55	48.000
25	298+91.03	66.835
26	298+13.92	67.000
27	298+06.13	67.000
28	298+00.55	48.000
29	297+39.41	30.065
30	297+25.55	26.000
31	295+91.80	19.854
32	294+58.04	26.000
33	294+44.13	30.078
34	293+83.04	48.000
35	294+03.39	30.080
36	293+55.02	66.124
37	293+77.77	65.970



MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

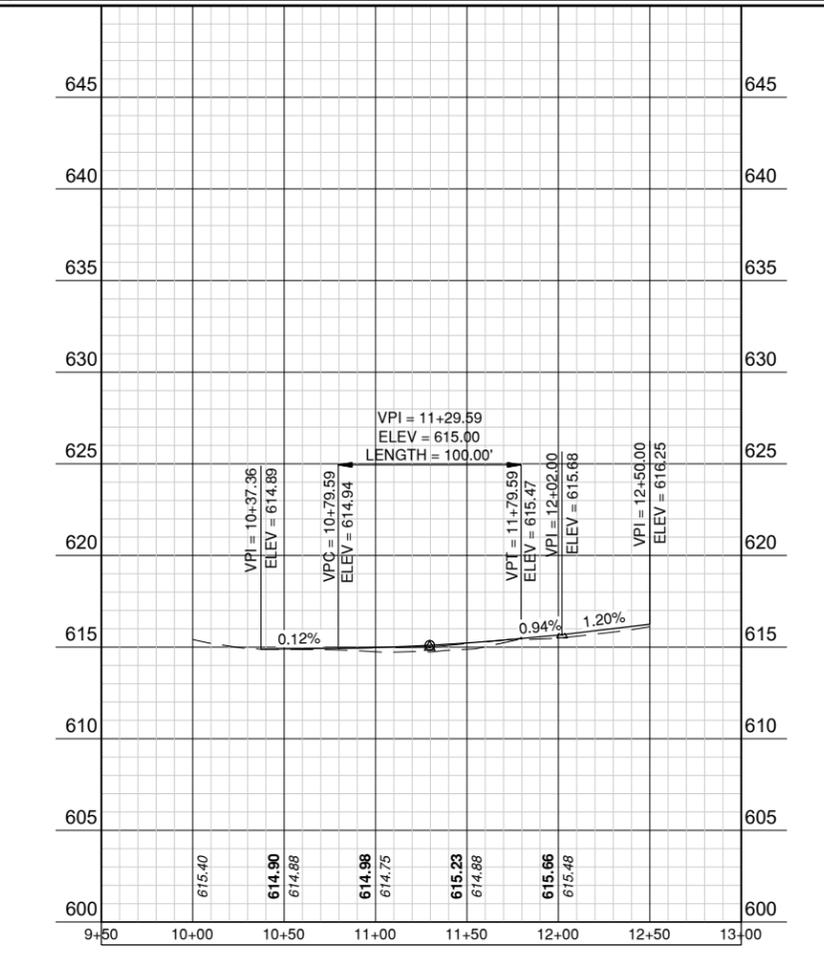
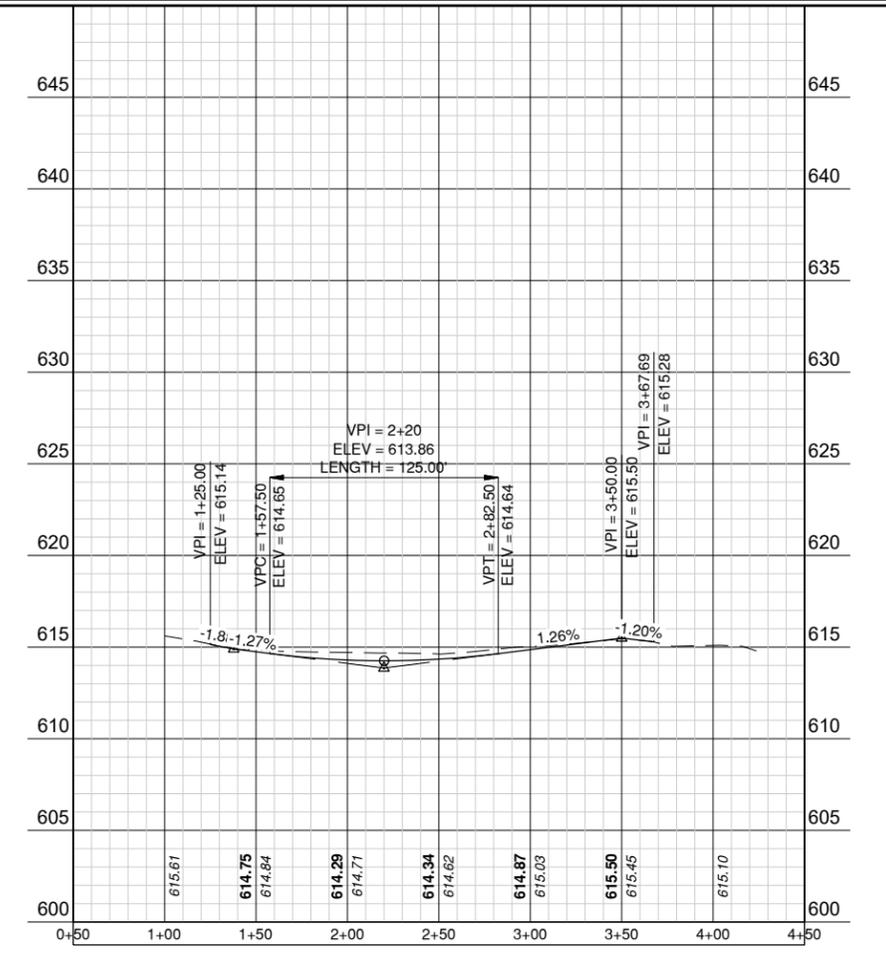
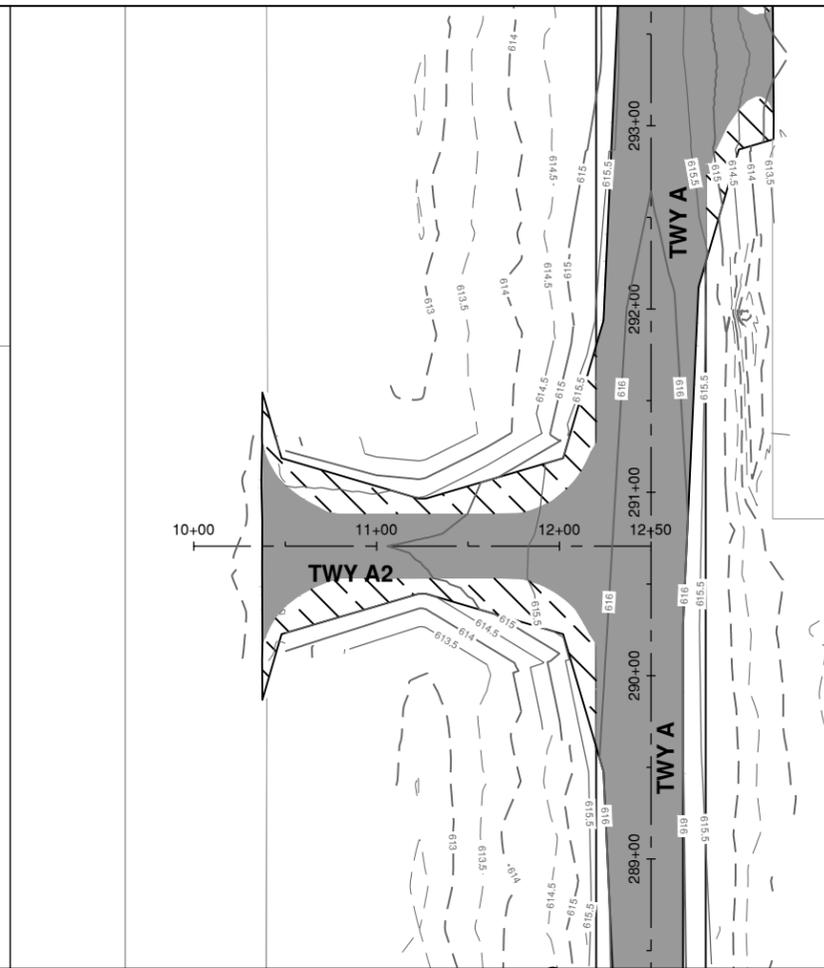
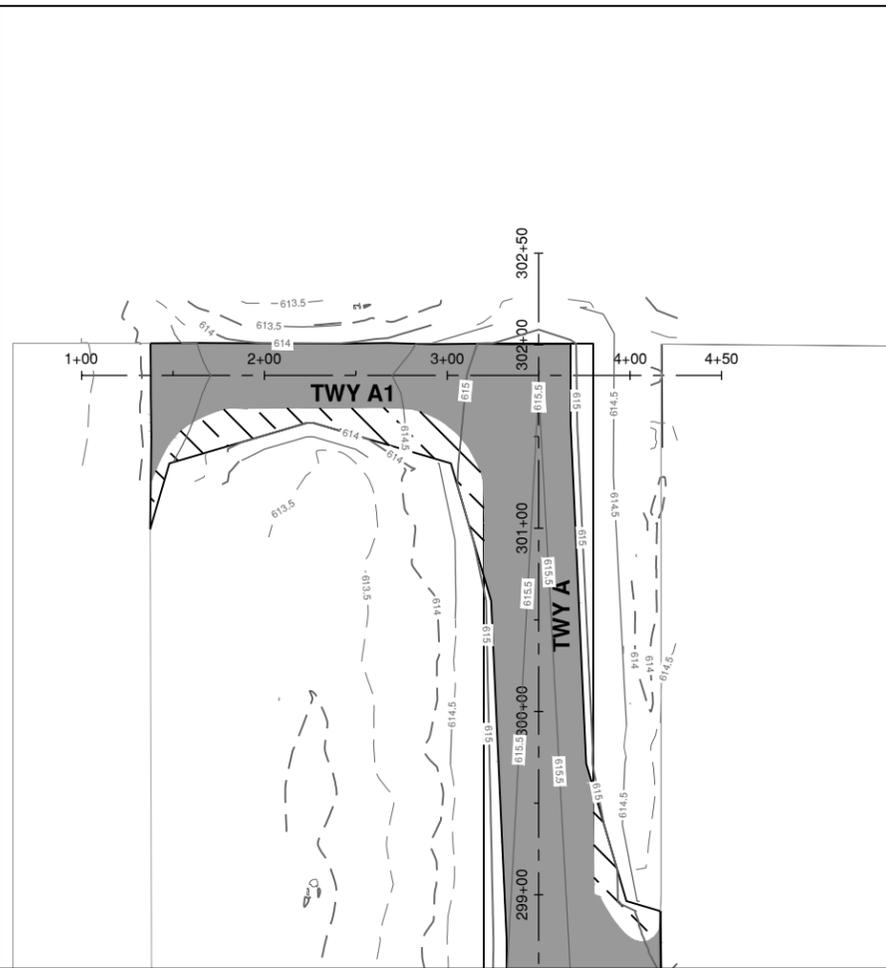
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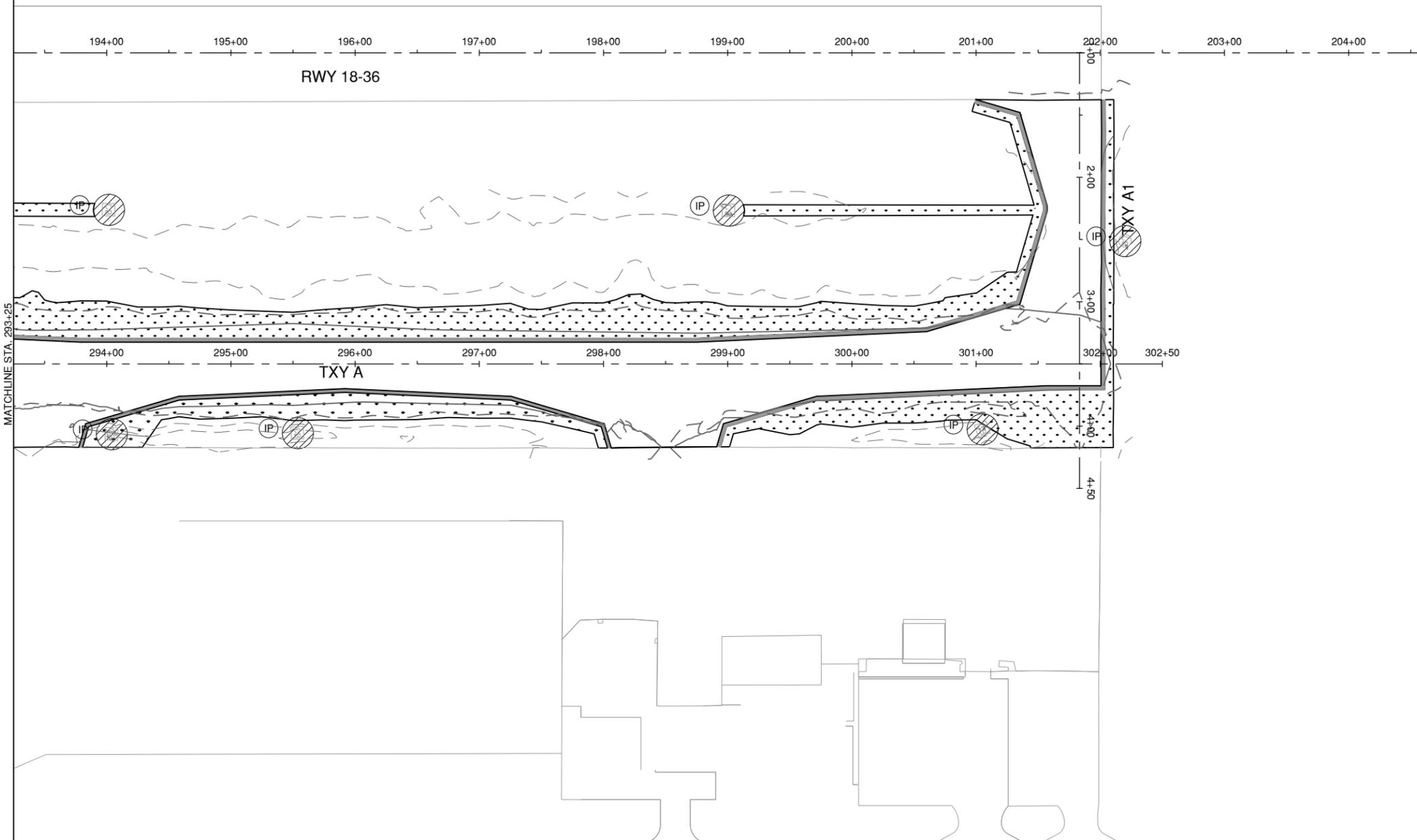
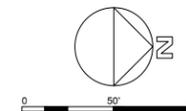
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TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION
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		IL PROJECT: TAZ-4842 CONTRACT: TA007
		CMT PROJECT NO: 200050-01
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		APPROVED BY:
		COPYRIGHT:

SHEET TITLE
**A1 & A2 PAVING PLAN
& PROFILE**



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MARCH 22, 2021

**REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER**

OWNER



**CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL**

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-139/144/156/162

IL PROJECT: TAZ-4842 CONTRACT: TA007

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-4842_CL101.DWG

DESIGNED BY: SMS

DRAWN BY: SMS

CHECKED BY: MJD

APPROVED BY: CBG

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SHEET TITLE

EROSION CONTROL 2

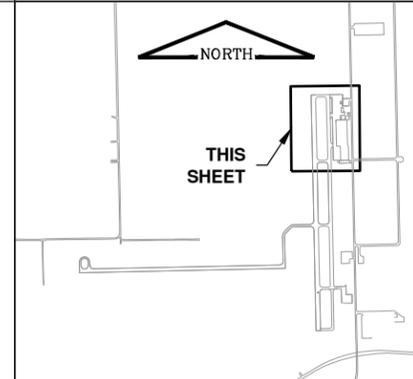
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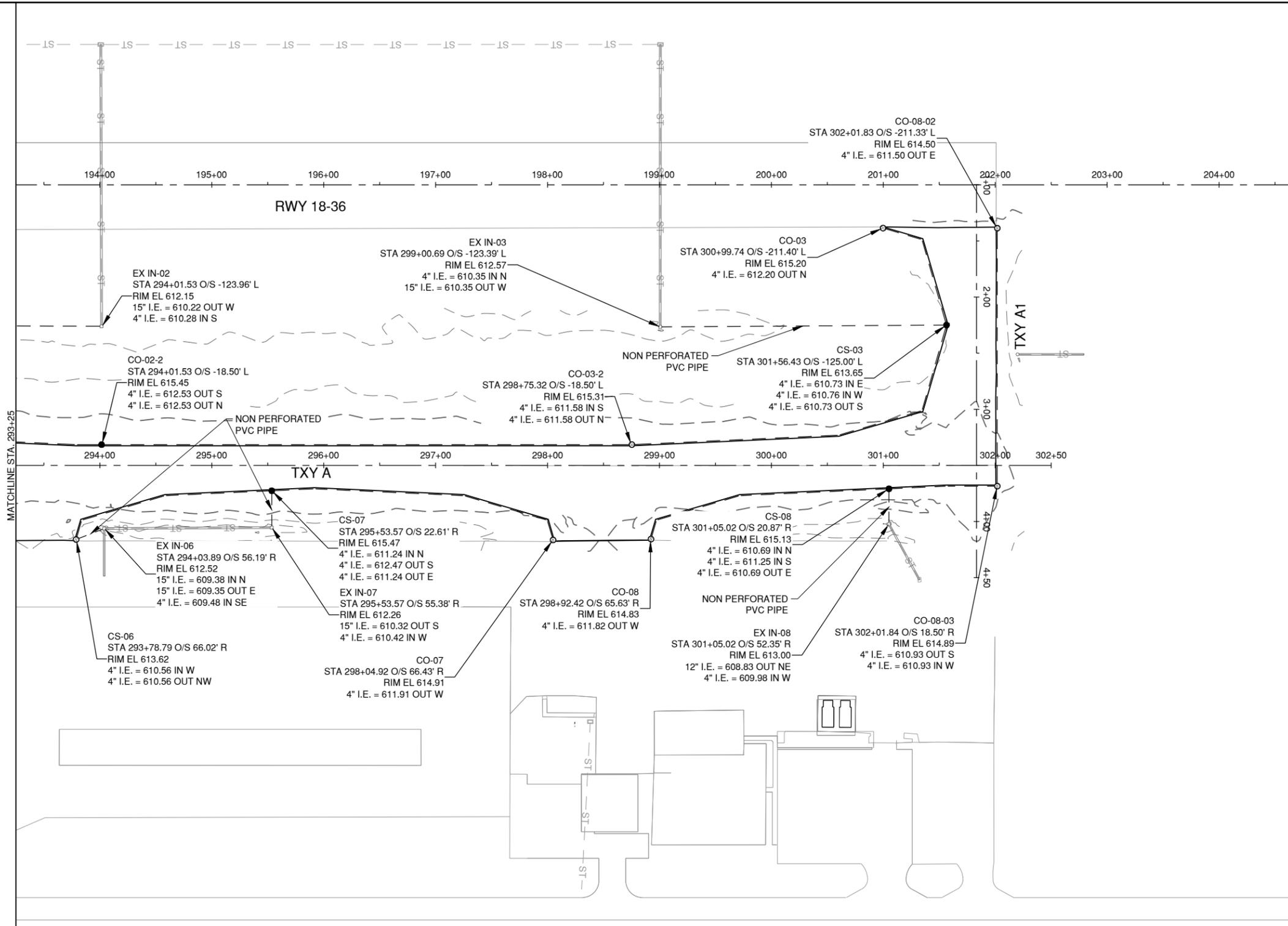
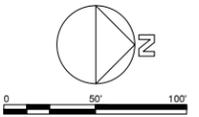
1.

LEGEND

- SOD (4' TYPICAL WIDTH)
- ESTABLISH TURF (SEED, MULCH AND FERTILIZER)
- INLET PROTECTION
- PROPOSED CONTOURS
- EXISTING CONTOURS

KEYMAP





MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

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AIP PROJECT: 3-17-SBGP-139/144/156/162	CONTRACT: TA007
IL PROJECT: TAZ-4842	CMT PROJECT NO: 200050-01
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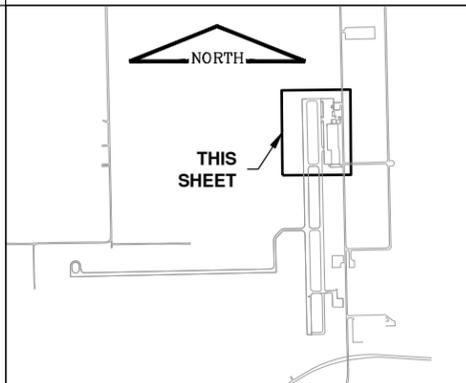
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**GRADING AND
DRAINAGE 2**

NOTES

LEGEND

- NEW UNDERDRAIN PIPE, PERFORATED UNLESS NOTED
- - - ST - - EXISTING STORM SEWER PIPE
- CB EXISTING CATCH BASIN
- NEW CLEAN OUT TYPE 1 OR TYPE 2 (CO)
- NEW COLLECTION STRUCTURE (CS)
DIRECT CONNECTION (DC)

KEYMAP





MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

OWNER



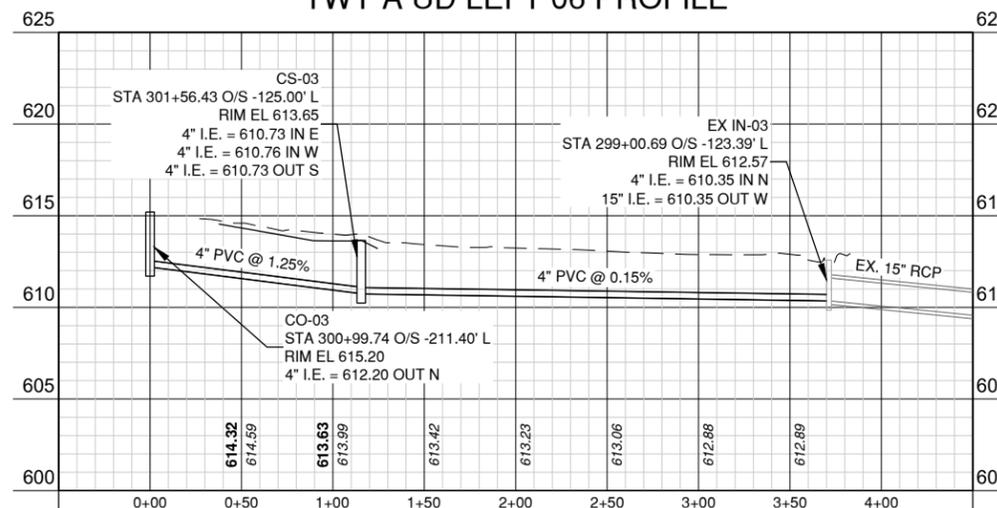
CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

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CMT PROJECT NO: 200050-01		
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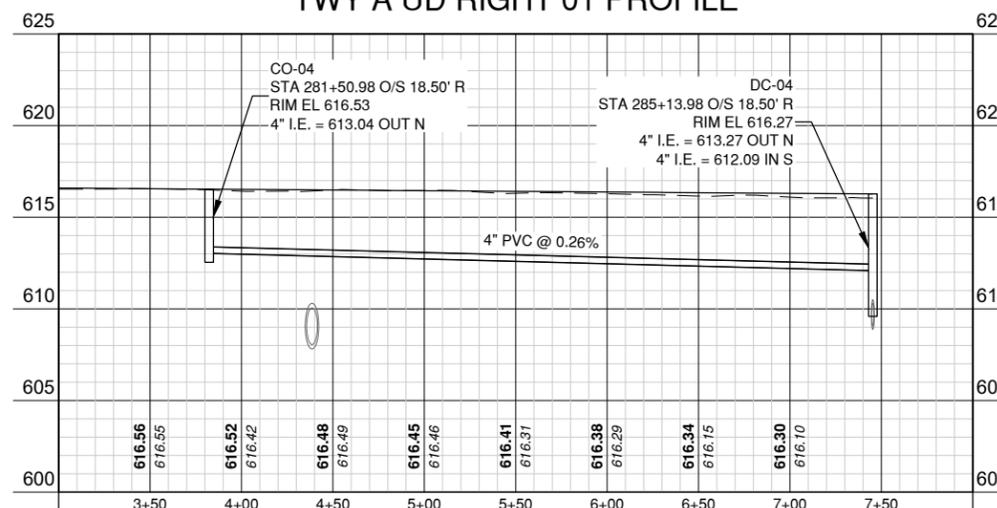
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PROFILE 2**

CU202
SHEET 28 OF 59

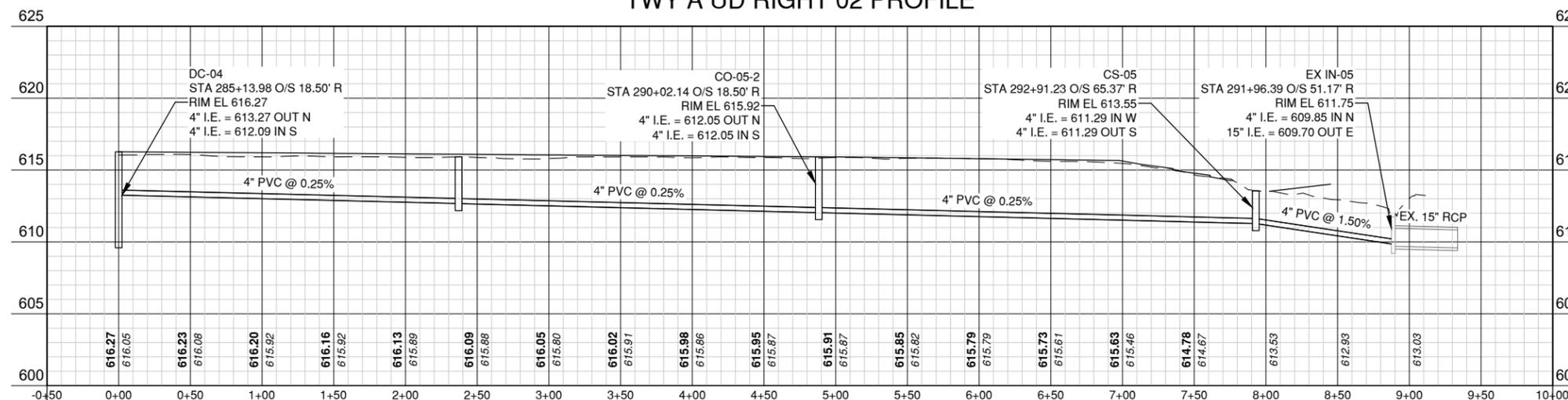
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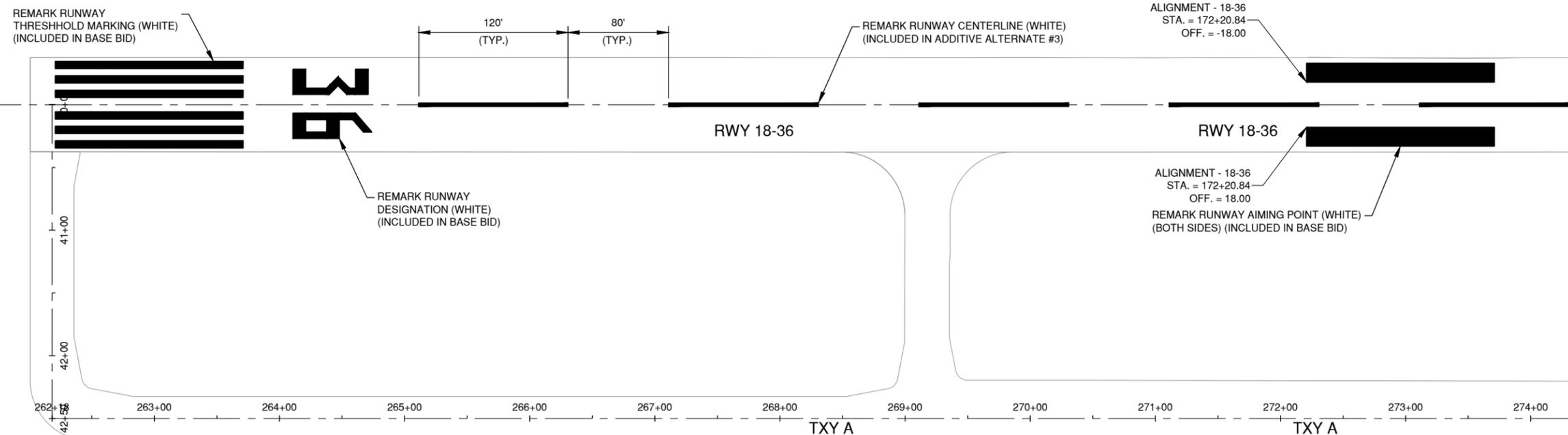
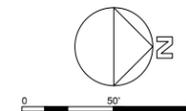


TWY A UD RIGHT 01 PROFILE



TWY A UD RIGHT 02 PROFILE





MATCHLINE STA. 274+50

MARCH 22, 2021

**REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER**

OWNER



**CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL**

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-139/144/156/162

IL PROJECT: TAZ-4842 CONTRACT: TA007

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-4842_CM100.DWG

DESIGNED BY: SMS

DRAWN BY: SMS

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SHEET TITLE

MARKING PLAN 1

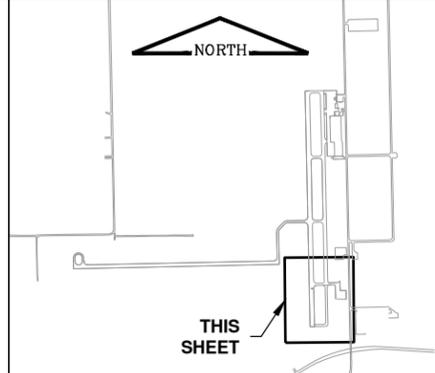
NOTES

1.

LEGEND

- PROPOSED TAXIWAY CENTERLINE MARKING (YELLOW W/ BLACK BORDER)
- PROPOSED HOLDING POSITION MARKING (YELLOW W/ BLACK BORDER)
- PROPOSED TAXIWAY EDGE MARKING
- EXISTING MARKING
- PROPOSED RUNWAY MARKING (WHITE W/ BLACK BORDER)

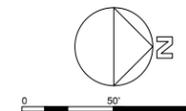
KEYMAP





License No. 184-000613

CONSULTANTS



MARCH 22, 2021

REHABILITATE TAXIWAY A PAVEMENT AND LIGHTING - PHASE 1; INSTALL NEW AIRPORT ROTATING BEACON AND TOWER

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, IL

MARK | DATE | DESCRIPTION

AIP PROJECT: 3-17-SBGP-139/144/156/162

IL PROJECT: TAZ-4842 CONTRACT: TA007

CMT PROJECT NO: 200050-01

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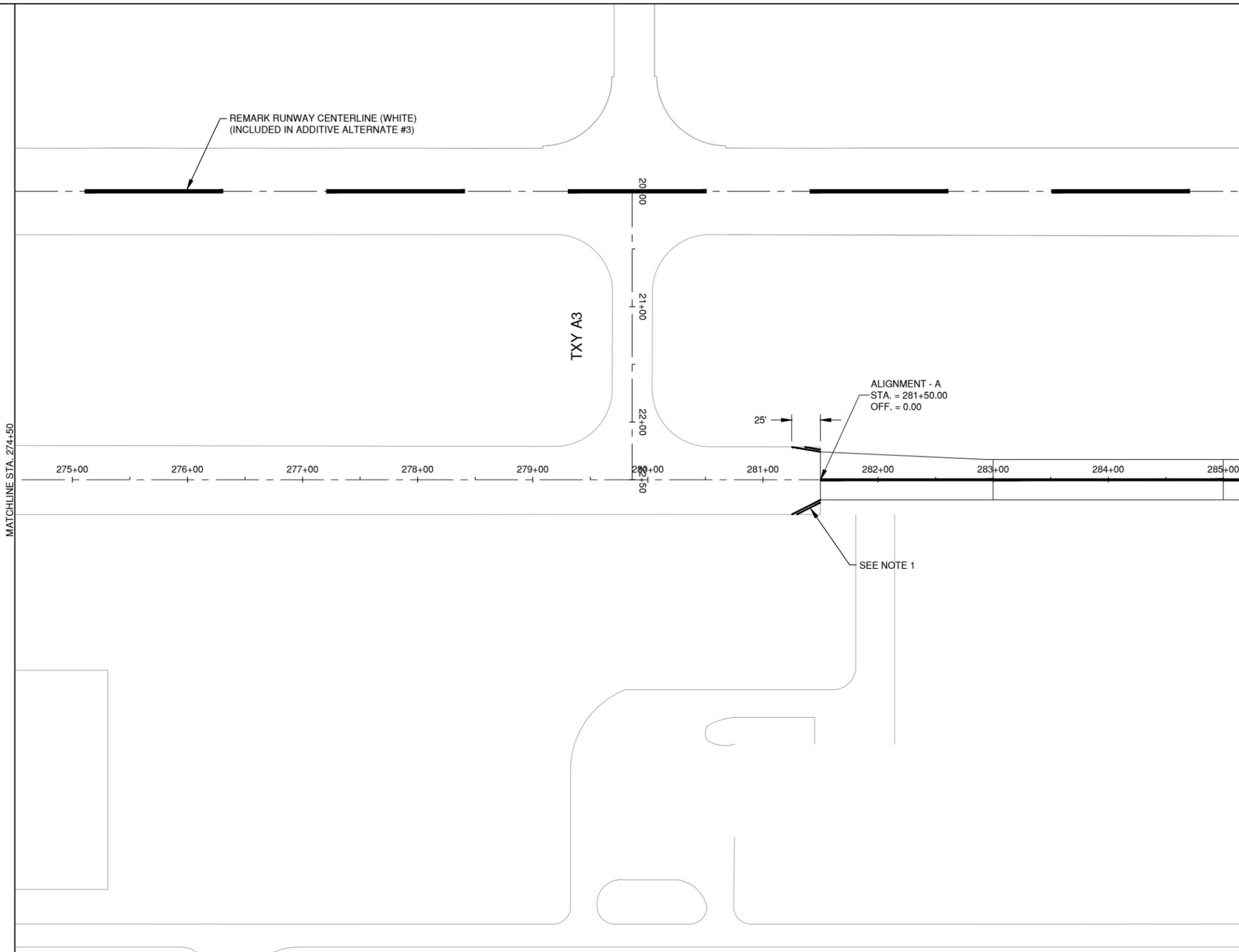
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SHEET TITLE

MARKING PLAN 2

CM102
SHEET 34 OF 59



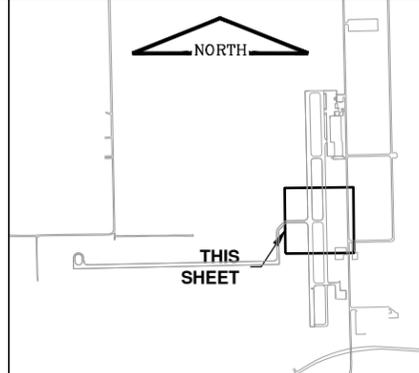
NOTES

1. AT THE LIMITS OF PAVEMENT CONSTRUCTION, CONTRACTOR SHALL INSTALL TAXIWAY EDGE MARKING 25' BEYOND THE PAVEMENT TRANSITION LOCATION. SEE DETAIL 4, SHEET CM501.

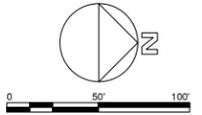
LEGEND

- PROPOSED TAXIWAY CENTERLINE MARKING (YELLOW W/ BLACK BORDER)
- PROPOSED HOLDING POSITION MARKING (YELLOW W/ BLACK BORDER)
- PROPOSED TAXIWAY EDGE MARKING
- EXISTING MARKING
- PROPOSED RUNWAY MARKING (WHITE W/ BLACK BORDER)

KEYMAP



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MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

OWNER

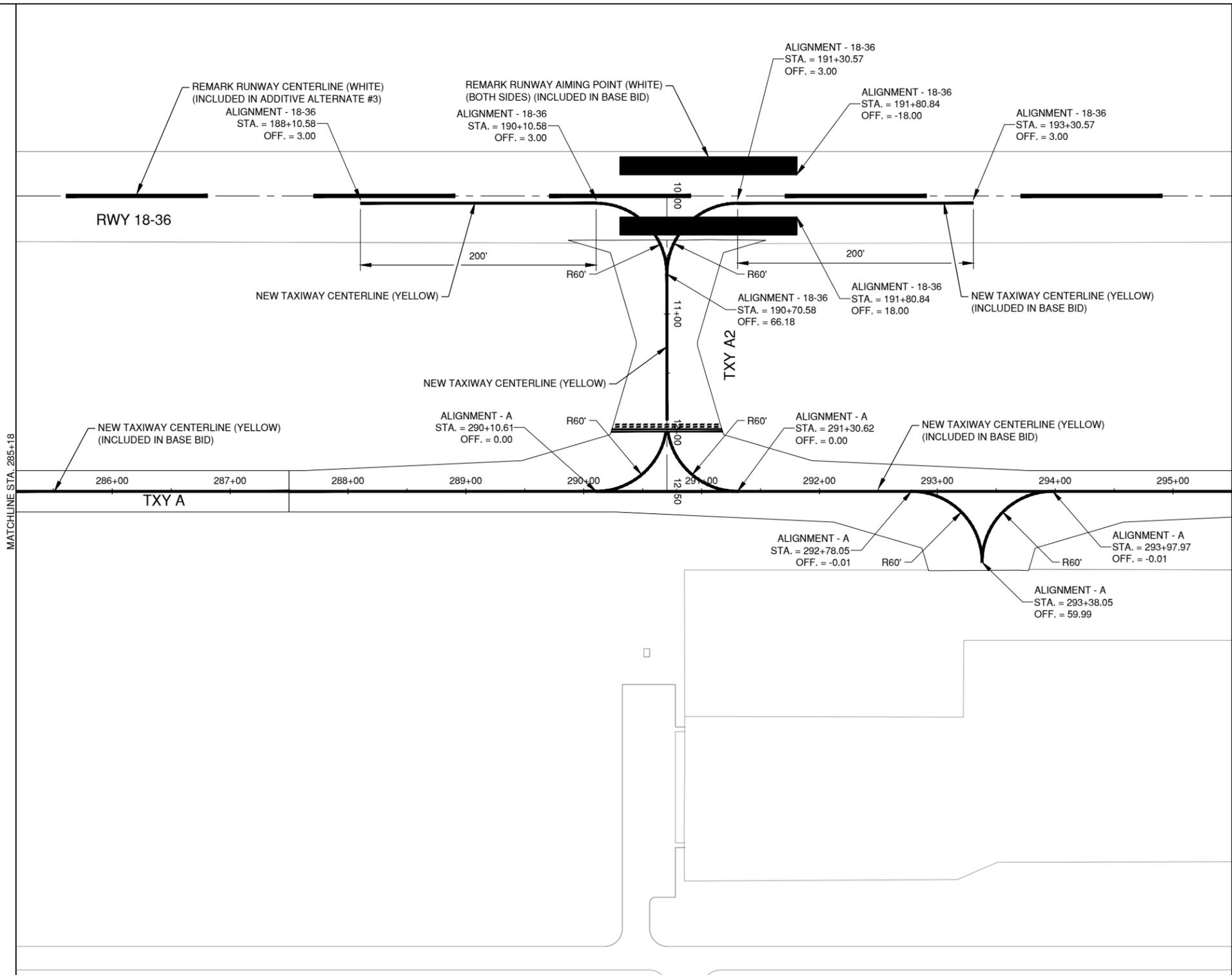


CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

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MARKING PLAN 3



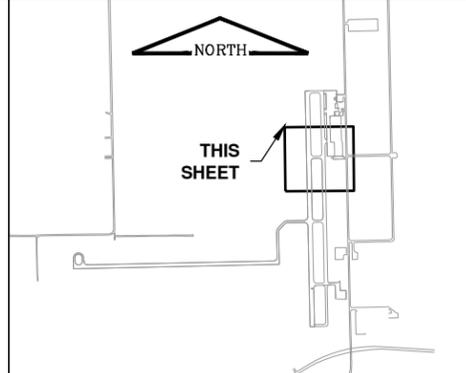
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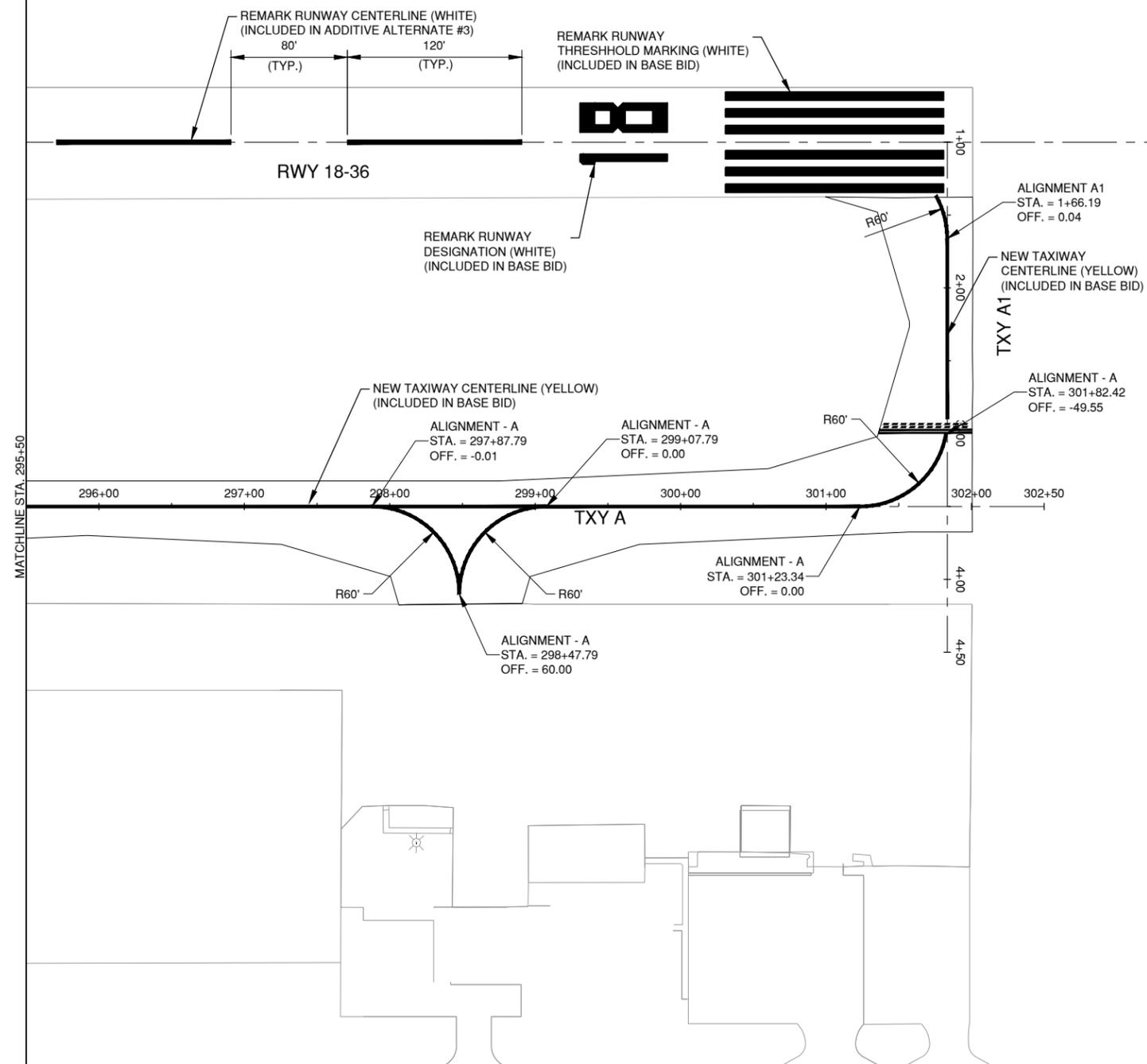
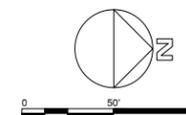
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- PROPOSED TAXIWAY CENTERLINE MARKING (YELLOW W/ BLACK BORDER)
- PROPOSED HOLDING POSITION MARKING (YELLOW W/ BLACK BORDER)
- PROPOSED TAXIWAY EDGE MARKING
- EXISTING MARKING
- PROPOSED RUNWAY MARKING (WHITE W/ BLACK BORDER)

KEYMAP



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MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

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IL PROJECT:	TAZ-4842 CONTRACT: TA007
CMT PROJECT NO:	200050-01
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MARKING PLAN 4

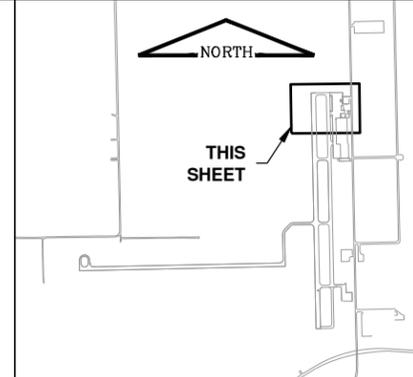
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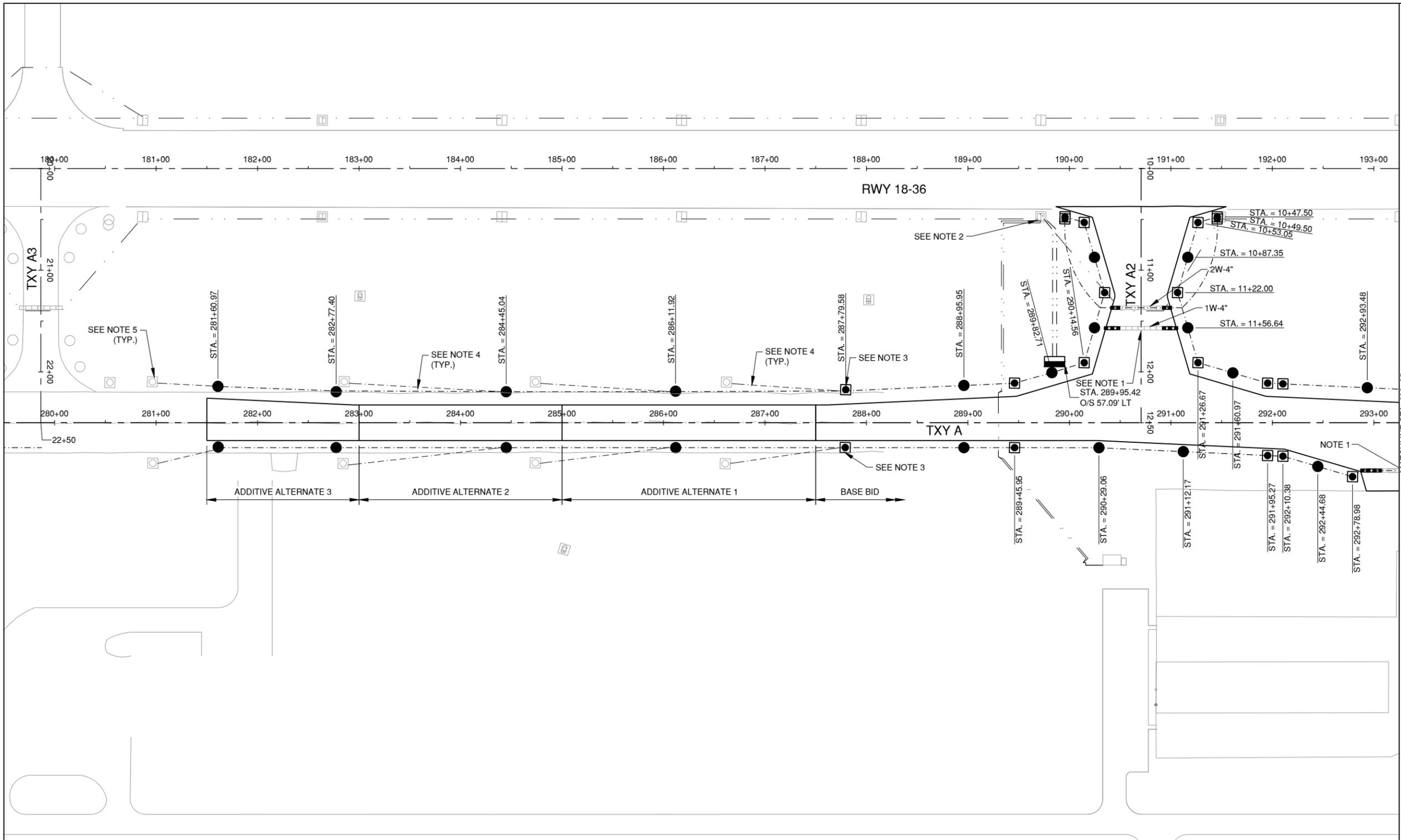
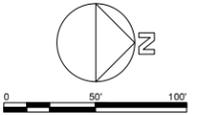
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LEGEND

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- PROPOSED TAXIWAY EDGE MARKING
- EXISTING MARKING
- PROPOSED RUNWAY MARKING (WHITE W/ BLACK BORDER)

KEYMAP





MARCH 22, 2021

REHABILITATE TAXIWAY A
PAVEMENT AND LIGHTING -
PHASE 1; INSTALL NEW
AIRPORT ROTATING BEACON
AND TOWER

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

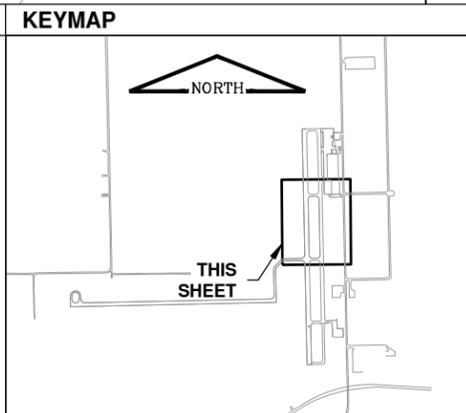
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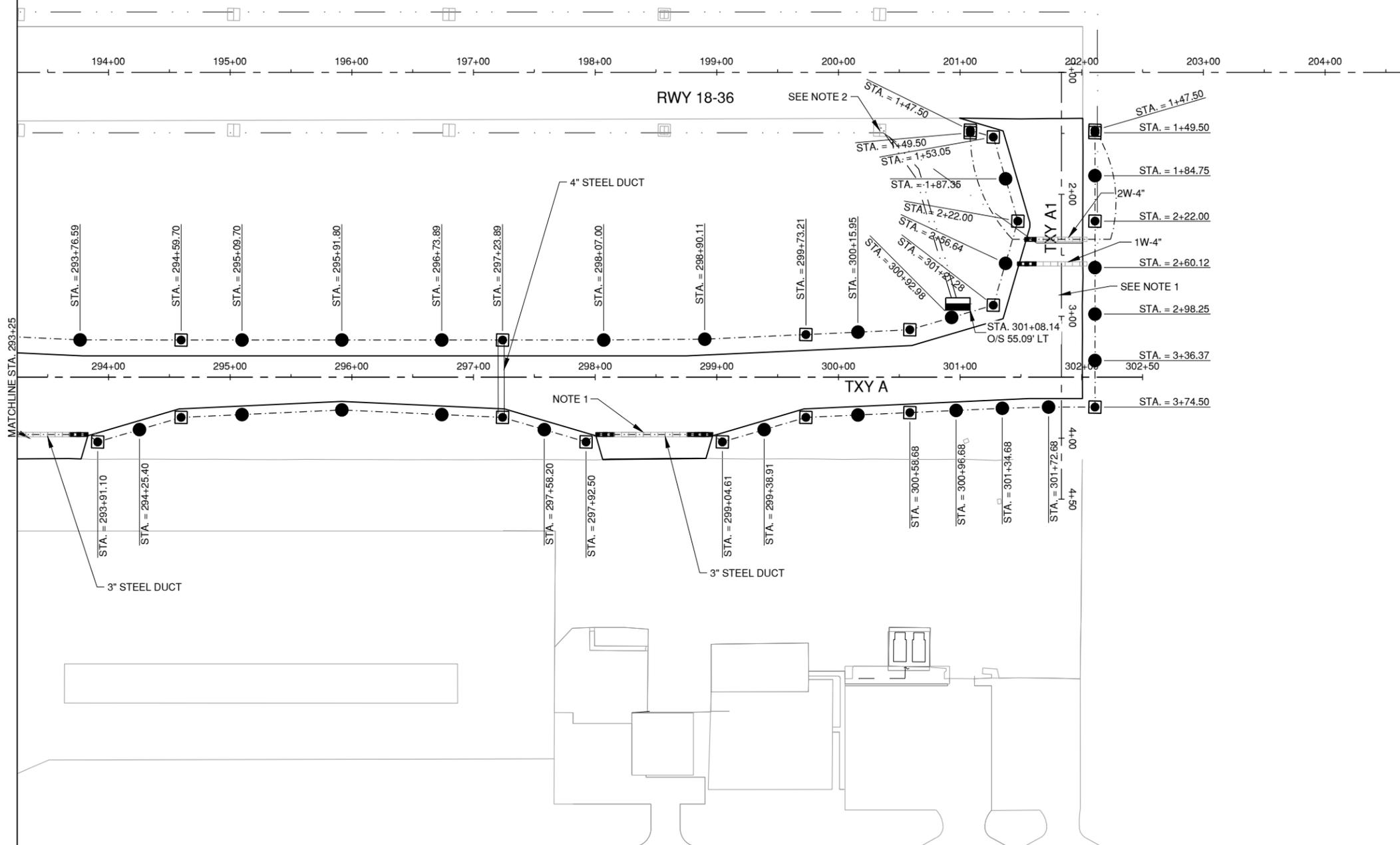
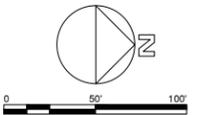
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SHEET TITLE
ELECTRICAL PLAN 1

- NOTES**
- USE EXISTING CONDUIT TO ROUTE CIRCUIT.
 - RECONNECT SIGN TO EXISTING RUNWAY CIRCUIT AT THIS LIGHT.
 - IF ADDITIVE ALTERNATES ARE AWARDED, CONTRACTOR SHALL INSTALL THESE BASE MOUNTED CANS AT THE LOCATION OF LAST LIGHT OF THE AWARDED ALTERNATE, AND SHALL INSTALL THE STAKEMOUNTED LIGHTS AT STA. 287+78.98.
 - RECONNECT EXISTING TAXIWAY A CIRCUIT AT THE NEXT LIGHT. WITHIN THE BASE BID THE FOLLOWING QUANTITY OF CABLE FOR RECONNECTION IS INCLUDED. ARI08108 - 350 FT
 - CONNECT NEW CIRCUIT TO EXISTING CIRCUIT AT EXISTING LIGHT.
 - LOCK OUT - TAG OUT TAXIWAY A.

- LEGEND**
- | | | |
|--|--|--|
| | | NEW |
| | | SPLICE CAN |
| | | TAXIWAY GUIDANCE SIGN |
| | | TAXIWAY EDGE LIGHT - STAKE MOUNTED |
| | | TAXIWAY EDGE LIGHT - BASE MOUNTED |
| | | INSTALL NEW LED FIXTURE ON EXISTING BASE |
| | | DUCT BANK |
| | | 1/C #8 5KV, L-82A TYPE C CABLE IN 3/4" UNIT DUCT, TAXIWAY A CIRCUIT |
| | | 1/C #8 5KV, L-82A TYPE C CABLE IN 3/4" UNIT DUCT, RUNWAY 18-36 CIRCUIT |





MARCH 22, 2021

REHABILITATE TAXIWAY A PAVEMENT AND LIGHTING - PHASE 1; INSTALL NEW AIRPORT ROTATING BEACON AND TOWER

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-139/144/156/162	
IL PROJECT: TAZ-4842	CONTRACT: TA007
CMT PROJECT NO: 200050-01	
CAD DWG FILE: TAZ-4842_EL100.DWG	
DESIGNED BY: SMS	
DRAWN BY: SMS	
CHECKED BY: MJD	
APPROVED BY: CBG	
COPYRIGHT:	

SHEET TITLE
ELECTRICAL PLAN 2

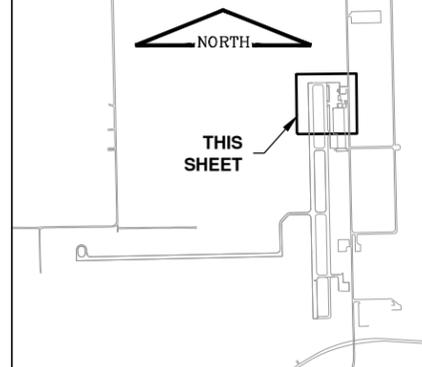
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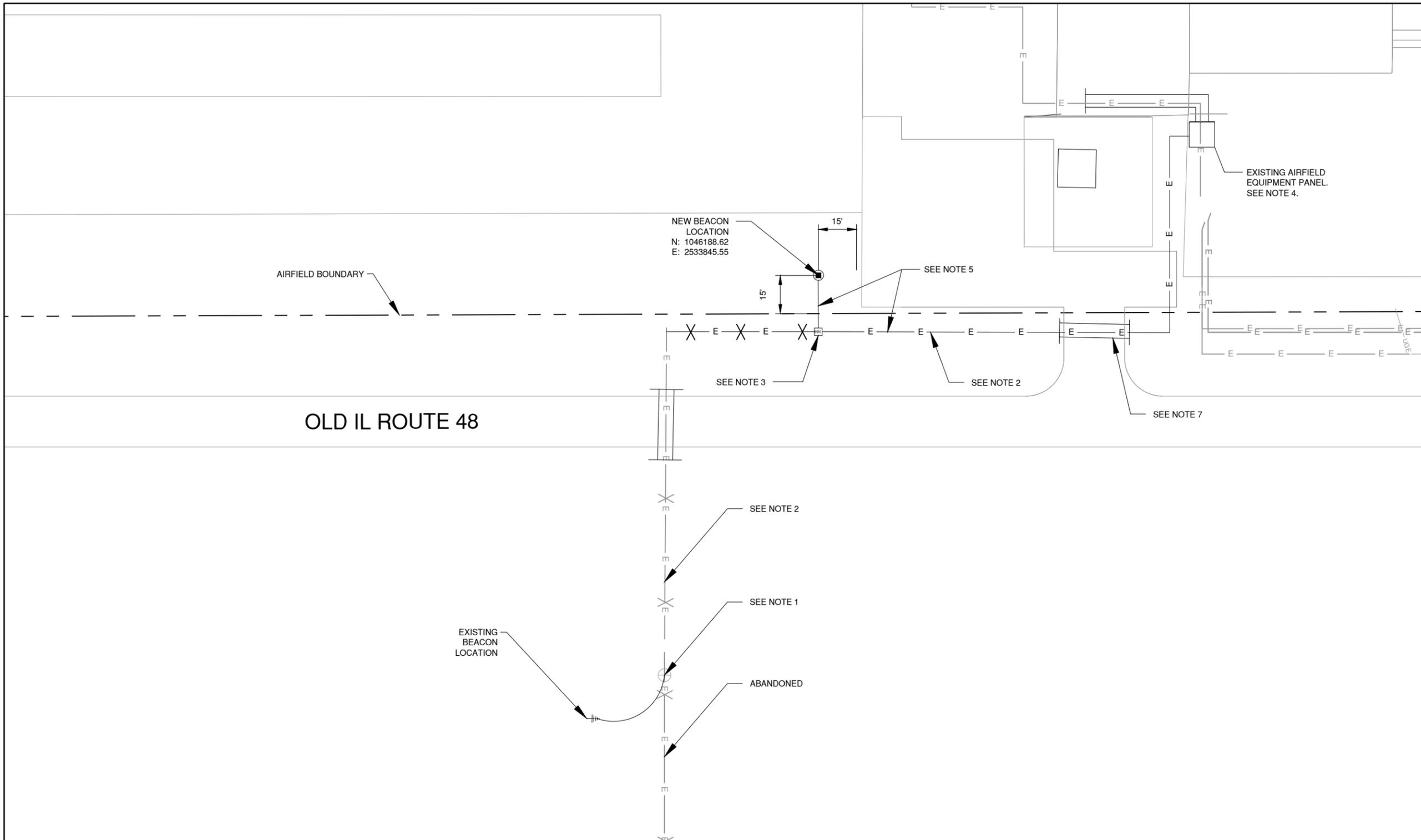
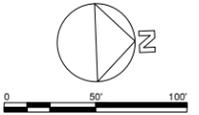
- USE EXISTING CONDUIT TO ROUTE CIRCUIT.
- RECONNECT SIGN TO RUNWAY CIRCUIT AT THIS LIGHT.

LEGEND

EXISTING	NEW	DESCRIPTION
		SPLICE CAN
		TAXIWAY GUIDANCE SIGN
		TAXIWAY EDGE LIGHT - STAKE MOUNTED
		TAXIWAY EDGE LIGHT - BASE MOUNTED
		INSTALL NEW LED FIXTURE ON EXISTING BASE
		DUCT BANK
		1/8" #8 5KV, L-82A TYPE C CABLE IN 3/4" UNIT DUCT, TAXIWAY A CIRCUIT
		1/8" #8 5KV, L-82A TYPE C CABLE IN 3/4" UNIT DUCT, RUNWAY 18-36 CIRCUIT

KEYMAP





MARCH 22, 2021

REHABILITATE TAXIWAY A PAVEMENT AND LIGHTING - PHASE 1; INSTALL NEW AIRPORT ROTATING BEACON AND TOWER

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-139/144/156/162
IL PROJECT: TAZ-4842 CONTRACT: TA007
CMT PROJECT NO: 200050-01
CAD DWG FILE: TAZ-4842_EL110.DWG
DESIGNED BY: JGH
DRAWN BY: CMT
CHECKED BY:
APPROVED BY:
COPYRIGHT:

SHEET TITLE
BEACON RELOCATION PLAN

- NOTES**
- EXISTING BEACON FOUNDATION AND ELECTRICAL EQUIPMENT TO BE REMOVED. SITE TO BE GRADED TO MATCH EXISTING GROUND. COST INCLUDED IN PAY ITEM AR103970.
 - REMOVE EXISTING CONDUCTORS AND ABANDON CONDUIT/UNITDUCT IN PLACE. FIELD VERIFY LOCATION OF EXISTING CONDUIT. ROUTING SHOWN IS APPROXIMATE BASED ON BEST AVAILABLE INFORMATION. COST INCLUDED IN PAY ITEM AR108060
 - CONTRACTOR TO FIELD LOCATE AND INSTALL NEW TIER 22 POLYMER CONCRETE HANDHOLE.
 - RECONNECT NEW BEACON POWER TO EXISTING CIRCUIT BREAKER. COST INCLUDED IN PAY ITEM AR108060.
 - INSTALL NEW 2 - 1/C #6 XLP-USE, 1 - 1/C #6 GND. IN 1" UNITDUCT, DIRECT BURIED COST INCLUDED IN PAY ITEM AR108060.
 - LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UTILITIES.
 - REMOVE EXISTING BEACON POWER UNITDUCT AND INSTALL NEW BEACON POWER UNIT DUCT IN EXISTING 4" GRS CONDUIT. COST INCLUDED IN PAY ITEM AR 108060.

LEGEND

	NEW 2 - 1/C #6 XLP-USE, 1-1/C #6 GND. IN 1" UNITDUCT, DIRECT BURIED (120 VAC BEACON POWER)
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