

ITEM 02A
AUGUST 01, 2025 LETTING

TOTAL SHEETS: 47
TA009

CONSTRUCTION PLANS FOR
TAYLORVILLE MUNICIPAL AIRPORT
CITY OF TAYLORVILLE
TAYLORVILLE, IL
IL PROJECT: TAZ-5080
AIP PROJECT: 3-17-SBGP-184/197/TBD
REHABILITATE TAXIWAY A, PHASE 2

100% DESIGN PLANS
JUNE 6, 2025



Know what's below.
Call before you dig.

COMMON GROUND ALLIANCE
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 2A
PAVEMENT DESIGN CRITERIA

AIRCRAFT SINGLE WHEEL GEAR
DEPARTURE WEIGHT = 12,500 LBS.
100 ANNUAL DEPARTURES

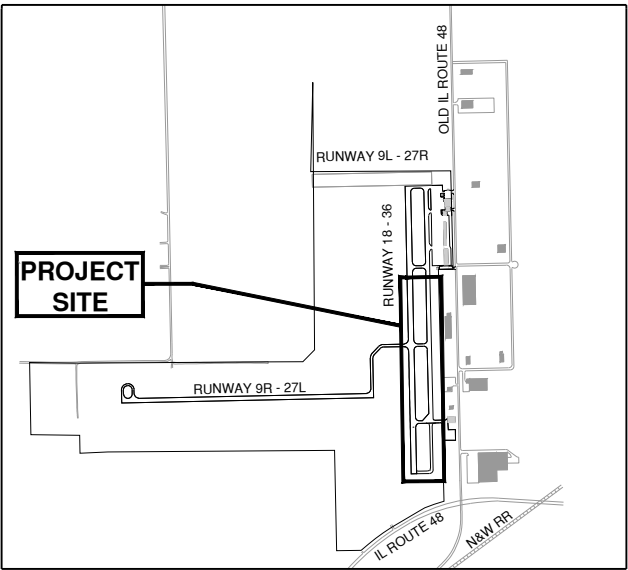
CALL J.U.L.I.E.
BEFORE EXCAVATING
1-800-892-0123

TAYLORVILLE MUNICIPAL AIRPORT

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



LOCATION MAP



SITE PLAN



Ashley Poole Stefaniak
06-09-2025
Exp. 11-30-2025


CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL AIRPORT
TAYLORVILLE, ILLINOIS

APPROVED *[Signature]*
MAYOR

DATE 6/10/2025

APPROVED *[Signature]*
CITY CLERK

DATE 6/10/25



■ SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

SUBMITTED BY *Ashley Poole Stefaniak*
DATE 06-09-2025

CMT JOB NUMBER: 200050-01

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Date: Friday, June 27, 2025 8:33:38 AM

SUMMARY OF QUANTITIES - BASE BID			
ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
AR108158	1/C #8 5 KV UG CABLE IN UD	LF	8,000
AR108706	1/C #6 COUNTERPOISE	LF	8,000
AR108960	REMOVE CABLE	LF	7,100
AR110014	4" DIRECTIONAL BORE	LF	65
AR110102	DUCT MARKER - IN PAVEMENT	EA	6
AR110551	EXTEND DUCT	LF	20
AR110900	REMOVE DUCT	LF	50
AR125411	MITL - STAKE MOUNTED - LED	EA	47
AR125416	MITL - BASE MOUNTED - LED	EA	14
AR125447	TAXI GUIDANCE SIGN, 7 CHARACTERS	EA	1
AR125901	REMOVE STAKE MOUNTED LIGHT	EA	48
AR125902	REMOVE BASE MOUNTED LIGHT	EA	26
AR125904	REMOVE TAXIWAY GUIDANCE SIGN	EA	2
AR125924	REPLACE TAXI GUIDANCE SIGN	EA	1
AR150510	ENGINEER'S FIELD OFFICE	LS	1
AR150520	MOBILIZATION	LS	1
AR152410	UNCLASSIFIED EXCAVATION	CY	1,200
AR152480	SHOULDER ADJUSTMENT	SY	15,400
AR156520	INLET PROTECTION	EA	7
AR201660	BITUMINOUS CRACK REPAIR	LF	2,400
AR201670	CRACK CONTROL FABRIC	SY	1,100
AR209612	CRUSHED AGGREGATE BASE COURSE - 12"	SY	1,100
AR401610	BITUMINOUS SURFACE COURSE	TON	800
AR401650	BITUMINOUS PAVEMENT MILLING	SY	7,800
AR401655	BUTT JOINT CONSTRUCTION	SY	460
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	7,300
AR403610	BITUMINOUS BASE COURSE	TON	1,700
AR602510	BITUMINOUS PRIME COAT	GAL	310
AR603510	BITUMINOUS TACK COAT	GAL	1,600
AR620520	PAVEMENT MARKING - WATERBORNE	SF	9,600
AR620525	PAVEMENT MARKING - BLACK BORDER	SF	5,600
AR620900	PAVEMENT MARKING REMOVAL	SF	2,200
AR705524	4" PERFORATED UNDERDRAIN W/ SOCK	LF	4,400
AR705544	4" NON PERFORATED UNDERDRAIN	LF	85
AR705640	UNDERDRAIN CLEANOUT	EA	10
AR705645	UNDERDRAIN CONNECTION	EA	5
AR901510	SEEDING	AC	3
AR904510	SODDING	SY	2,000
AR908514	LIGHT-DUTY HYDRAULIC MULCH	AC	3

SUMMARY OF QUANTITIES - ADDITIVE ALTERNATE #1			
ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
AS125924	REPLACE TAXI GUIDANCE SIGN	EA	2

Sheet List Table		
Sheet No.	Sheet Index	Sheet Title
1	GI001	COVER SHEET
2	GI002	INDEX TO SHEETS & SUMMARY OF QUANTITIES
3	GI101	SITE PLAN
4	GC001	CONSTRUCTION ACTIVITY NOTES
5	GC002	CONSTRUCTION ACTIVITY DETAILS
6	GC101	CONSTRUCTION ACTIVITY PLAN 1
7	GC102	CONSTRUCTION ACTIVITY PLAN 1A
8	GC103	CONSTRUCTION ACTIVITY PLAN 2
9	CD101	EXISTING CONDITIONS & REMOVALS 1
10	CD102	EXISTING CONDITIONS & REMOVALS 2
11	CD301	PAVEMENT DEMOLITION DETAIL 1
12	CD302	PAVEMENT DEMOLITION DETAIL 2
13	CP101	PROPOSED IMPROVEMENTS 1
14	CP102	PROPOSED IMPROVEMENTS 2
15	CP201	TWY A PAVING PLAN & PROFILE 01
16	CP202	TWY A PAVING PLAN & PROFILE 02
17	CP203	TWY A3 PAVING PLAN & PROFILE 03
18	CP301	TYPICAL SECTIONS 1
19	CP302	TYPICAL SECTIONS 2
20	CS101	STAKING PLAN 1
21	CS102	STAKING PLAN 2
22	CL101	EROSION CONTROL PLAN 1
23	CL102	EROSION CONTROL PLAN 2
24	CU101	GRADING & DRAINAGE PLAN 1
25	CU102	GRADING & DRAINAGE PLAN 2
26	CU201	UNDERDRAIN PROFILE 1
27	CU202	UNDERDRAIN PROFILE 2
28	CU203	UNDERDRAIN PROFILE 3
29	CU204	UNDERDRAIN STRUCTURE AND PIPE SCHEDULE
30	CU501	UNDERDRAIN DETAILS
31	CM101	PAVEMENT MARKING PLAN 1
32	CM102	PAVEMENT MARKING PLAN 2
33	CM501	PAVEMENT MARKING DETAILS 1
34	CE101	ELECTRICAL LAYOUT 1
35	CE102	ELECTRICAL LAYOUT 2
36	CE103	ELECTRICAL LAYOUT 3
37	CE501	ELECTRICAL DETAILS 1
38	CE502	ELECTRICAL DETAILS 2
39	CE503	ELECTRICAL DETAILS 3
40	CE504	ELECTRICAL DETAILS 4
41	CE505	ELECTRICAL DETAILS 5
42	CG101	TAXIWAY CROSS SECTION INDEX
43	CG301	TAXIWAY A CROSS SECTION PLAN 01
44	CG302	TAXIWAY A CROSS SECTION PLAN 02
45	CG303	TAXIWAY A CROSS SECTION PLAN 03
46	CG304	TAXIWAY A CROSS SECTION PLAN 04
47	CG305	TAXIWAY A3 CROSS SECTION PLAN 05



License No. 184-000613

CONSULTANTS

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

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

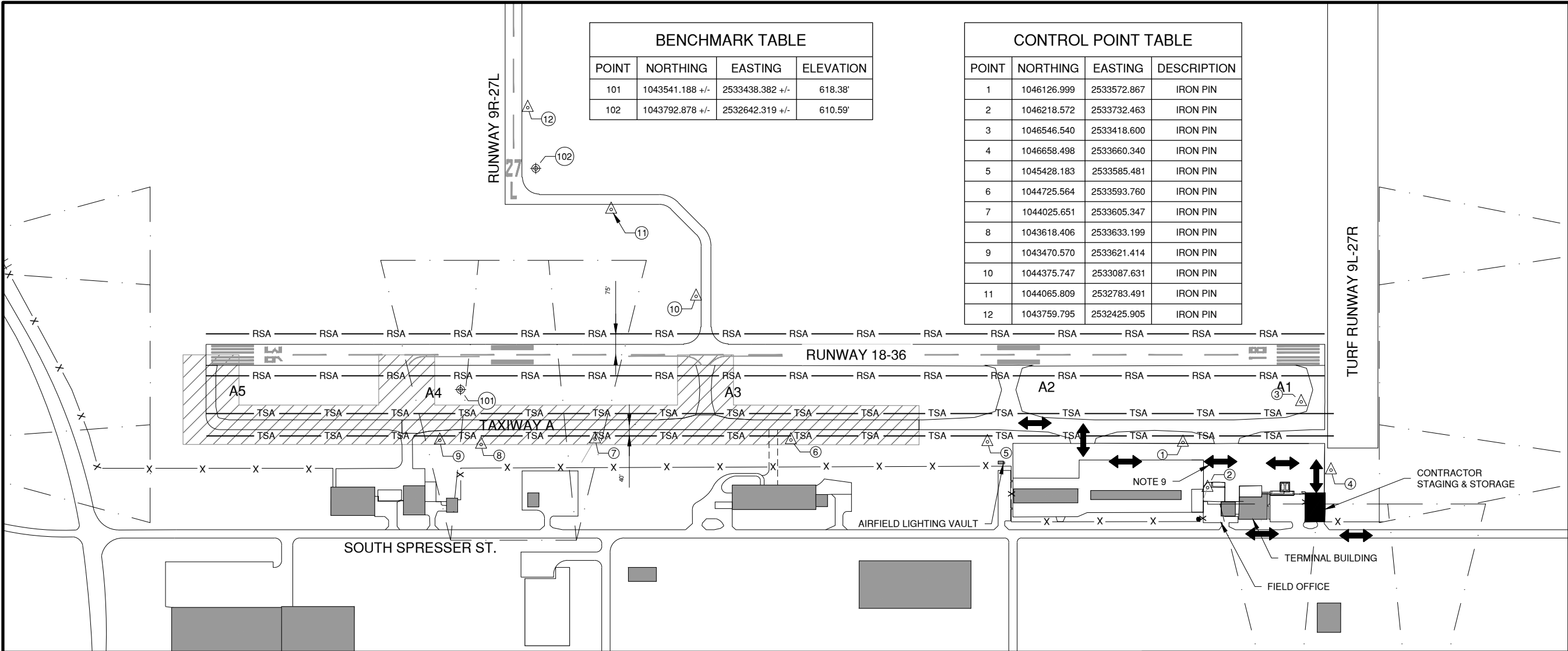
AIP PROJECT: 3-17-SBGP-184/197/TB2	
IL PROJECT: TAZ-5080	CONTRACT: TA009
CMT PROJECT NO: 200050-01	
CAD DWG FILE:	TAZ-5080-GI002.DWG
DESIGNED BY:	APS
DRAWN BY:	DPA
CHECKED BY:	CBG
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SHEET TITLE

INDEX TO SHEETS &
SUMMARY OF
QUANTITIES

GI002
SHEET 2 OF 47

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Date: Friday, June 27, 2025 8:33:47 AM



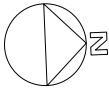
BENCHMARK TABLE			
POINT	NORTHING	EASTING	ELEVATION
101	1043541.188 +/-	2533438.382 +/-	618.38'
102	1043792.878 +/-	2532642.319 +/-	610.59'

CONTROL POINT TABLE			
POINT	NORTHING	EASTING	DESCRIPTION
1	1046126.999	2533572.867	IRON PIN
2	1046218.572	2533732.463	IRON PIN
3	1046546.540	2533418.600	IRON PIN
4	1046658.498	2533660.340	IRON PIN
5	1045428.183	2533585.481	IRON PIN
6	1044725.564	2533593.760	IRON PIN
7	1044025.651	2533605.347	IRON PIN
8	1043618.406	2533633.199	IRON PIN
9	1043470.570	2533621.414	IRON PIN
10	1044375.747	2533087.631	IRON PIN
11	1044065.809	2532783.491	IRON PIN
12	1043759.795	2532425.905	IRON PIN



License No. 184-000613

CONSULTANTS



0 200' 400'
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

NOTES

- ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
- 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.
- 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.
- 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 25' ABOVE GROUND ELEVATION.
- ANY MISCELLANEOUS REMOVALS SHALL BE DISPOSED OF BY THE CONTRACTOR OFF OF AIRPORT PROPERTY, BUT THE CITY AND AIRPORT SHALL HAVE THE FIRST OPTION FOR THE USE OF THE BITUMINOUS MILLINGS GENERATED FROM THE WORK COMPLETED ON THIS PROJECT. OWNERSHIP OF THE MILLINGS WILL BE DECIDED BEFORE MILLING OPERATIONS BEGIN AND LOCATION FOR ON-SITE STOCKPILING IS DETERMINED IF AIRPORT RETAINS OWNERSHIP.
- 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 RESIDENT ENGINEER AND AIRPORT MANAGER. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- THE CONTRACTOR SHALL CONTINUOUSLY CLEAN CONSTRUCTION AREAS WHICH WILL BE OPENED TO AIR TRAFFIC.
- 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.
- CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
 - THE CONTRACTOR'S ACCESS TO WORK SHALL BE AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN.
 - THE CONTRACTOR SHALL COORDINATE ACCESS TO THE AIRFIELD WITH THE AIRPORT.
 - 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.
 - 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.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE(S) CLOSED DURING WORK HOURS.
 - ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS NOT TO VIOLATE AIRPORT PART 77 SURFACES, OR RUNWAY AND TAXIWAY SAFETY AREAS AND OBJECT FREE AREAS.
 - 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.
- ALL PROJECT BENCHMARKS AND CONTROL POINTS SHOULD BE FIELD CHECKED FOR POSSIBLE DISTURBANCE PRIOR TO UTILIZING THEM FOR STAKING PURPOSES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE COORDINATES BASED ON THE DIMENSIONS SHOWN ON THE PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS DRAWING WITH THE OTHER DRAWING WITH THE OTHER DRAWINGS THAT CONTAIN DIMENSIONS TO ENSURE THAT THE PLAN DIMENSIONS ARE CONSISTENT WITH THAT COORDINATES PRESENTED ON THE PLAN. FOLLOWING STAKEOUT OF ANY FACILITY BY COORDINATES, THE CONTRACTOR SHALL CONFIRM CONSISTENCY WITH THE PLAN DIMENSIONS PRIOR TO CONSTRUCTION.

LEGEND

- | | |
|-----|--------------------------|
| | WORK AREA |
| | CONTRACTOR'S ACCESS |
| RSA | RUNWAY SAFETY AREA |
| TSA | TAXIWAY SAFETY AREA |
| | APPROACH/DEPARTURE AREAS |
| | AIRPORT PERIMETER |
| | BENCHMARK |
| | SURVEY CONTROL POINT |

UNICOM FREQUENCY - 122.80 MHz

MAXIMUM HEIGHT OF EQUIPMENT - 25'

MARK	DATE	DESCRIPTION
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AIP PROJECT: 3-17-SBGP-184/197/TBD		
IL PROJECT: TAZ-5080	CONTRACT: TA009	
CMT PROJECT NO: 200050-01		
CAD DWG FILE:	TAZ-5080-G1100.DWG	
DESIGNED BY:	APS	
DRAWN BY:	DPA	
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SHEET TITLE

SITE PLAN

G1101		
SHEET	3	OF 47

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Date: Friday, June 27, 2025 8:33:53 AM

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 150/5370-2 CURRENT VERSION, 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 150/5370-2 (LATEST VERSION). 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 O.S.H.A. REQUIREMENTS.
4.

A MINIMUM OF 10 DAYS PRIOR TO THE PRE-CONSTRUCTION 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 PRE-CONSTRUCTION CONFERENCE WITH THE AIRPORT, ENGINEER, AND ILLINOIS DIVISION OF AERONAUTICS (IDA). THE COST OF PREPARING FOR AND ATTENDING THE PRE-CONSTRUCTION CONFERENCE SHALL BE INCIDENTAL TO THE CONTRACT.
2.

ON OR BEFORE THE PRE-CONSTRUCTION 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. WORK AREA PHASING

1.

TOTAL CONTRACT TIME SHALL BE BASED ON THE BELOW SCENARIOS.

1.1.

BASE BID CONTRACT TIME SHALL BE **113** CALENDAR DAYS.

1.2.

BASE BID + ADD ALT 1 CONTRACT TIME SHALL BE **114** CALENDAR DAYS.
2.

WORK ON THIS PROJECT LOCATED WITHIN 75' OF THE RUNWAY 18-36 CENTERLINE OR WITHIN 40' OF TAXIWAY A4 CENTERLINE WILL SEVERELY 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 AND WITHIN 40' OF TAXIWAY A4 CENTERLINE.
3.

WORK AREAS SHALL BE AS NOTED BELOW AND AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEETS.
4.

WORK AREA 1 MAY BE INITIATED BY THE CONTRACTOR WITH THE APPROVAL OF THE AIRPORT MANAGER. IT CONSISTS OF ALL WORK NOT WITHIN 75' OF EITHER SIDE OF THE RUNWAY 18-36 CENTERLINE AND NOT WITHIN 40' OF EITHER SIDE OF TAXIWAY A4 CENTERLINE. RUNWAY 18-36 AND TAXIWAY A4 WILL REMAIN OPEN DURING WORK AREA 1. NO PERSONNEL OR EQUIPMENT WILL BE ALLOWED WITHIN 75' OF RUNWAY 18-36 CENTERLINE OR WITHIN 40' OF TAXIWAY A4 CENTERLINE DURING WORK AREA 1.
5.

WORK AREA 1A REQUIRES THE PRIMARY RUNWAY AND TAXIWAY A4 TO BE CLOSED (EXCEPT FOR TAXIING ON A PORTION OF THE RUNWAY). THE CONTRACTOR SHALL EXPEDITE ALL WORK WITHIN WORK AREA 1A TO MINIMIZE THE CLOSURE TIME OF THE RUNWAY AND TAXIWAY A4. WORK AREA 1A WILL BE SCHEDULED BY THE CONTRACTOR (APPROVED BY THE AIRPORT MANAGER) DURING THE WORK AREA 1 CONSTRUCTION. ALL WORK SOUTH OF TAXIWAY A4 SHALL BE COMPLETED BY THE LAST DAY OF WORK AREA A1 CLOSURE. NO CLOSURES SOUTH OF TAXIWAY A4 SHALL BE ALLOWED AFTER WORK AREA 1A COMPLETION.
6.

WORK AREA 2 REQUIRES RUNWAY 18-36 AND TAXIWAY A4 TO BE CLOSED. THE CONTRACTOR SHALL EXPEDITE ALL WORK WITHIN WORK AREA 2 TO MINIMIZE THE CLOSURE TIME OF THE RUNWAY AND TAXIWAY A4. WORK AREA 1A SHALL BE SCHEDULED BY THE CONTRACTOR (APPROVED BY THE AIRPORT MANAGER) AND SHALL BE A MINIMUM OF 30 CALENDAR DAYS AFTER THE LAST DAY OF WORK AREA A1 CLOSURE.

WORK AREAS 1A & 2 NOTES

1.

THE CONTRACTOR SHALL BE ALLOWED TO CLOSE THE RUNWAY TO COMPLETE THE WORK IN WORK AREAS 1A AND 2. THE RUNWAY SHALL BE CLEANED AND REOPENED AT THE END OF EACH WORK AREA 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:

- 1.1.

COORDINATE CLOSURE WITH THE AIRPORT MANAGER
- 1.2.

NOTIFY AIR TRAFFIC OF RUNWAY CLOSURE
- 1.3.

DISABLE VISUAL AIDS
- 1.4.

PLACE CLOSURE MARKERS
- 1.5.

KEEP EQUIPMENT CLEAR OF THE RUNWAY PROPER AND MONITOR UNICOM
- 1.6.

COMPLETE WORK
- 1.7.

CLEAN PAVEMENTS
- 1.8.

COORDINATE OPENING WITH AIRPORT MANAGER
- 1.9.

REMOVE RUNWAY CLOSURE MARKERS
- 1.10.

NOTIFY AIR TRAFFIC
2.

THE CONTRACTOR SHALL BE GIVEN CONSECUTIVE CALENDAR DAYS AS SPECIFIED IN THE CONSTRUCTION ACTIVITY PLAN SHEET TO COMPLETE THE WORK IN EACH WORK AREA, STARTING ON A DAY APPROVED BY THE AIRPORT MANAGER.
3.

THE CONTRACTOR MAY CONTINUE TO WORK IN WORK AREA 1 DURING WORK AREAS 1A AND 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.

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:

•

MID-AMERICA JUMP CLUB EVENT - AROUND MID-AUGUST

4. PROTECTION OF NAVIGATION AIDS (NAVAIDS)

1.

THE CONTRACTOR SHALL REMAIN CLEAR OF THE RUNWAY 18 END REIL, PAI, 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 AND TEMPORARY GATE.
3.

ALL CONTRACTOR EMPLOYEES WHO ARE DESIGNATED AS DRIVERS FOR THE CONTRACTOR AND 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 CONTRACTOR'S 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 - AIRPORT MANAGER

(217) 827-9755

ENGINEER
ASHLEY STEFANIK, P.E. - PROJECT ENGINEER
CMT - RESIDENT ENGINEER

(217) 787-8050
(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 150/5370-2 CURRENT VERSION 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.I.I.E. AND CONTACT THE LOCAL FAA OFFICE TO ARRANGE FOR UTILITY LOCATES. SEE SECTION 70-16 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 WORK AREAS 1A AND 2. THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOW THE REQUIREMENTS OF FAA AC 150/5370-2 CURRENT VERSION.
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 150/5370-2 CURRENT VERSION AND 150/5210-5 CURRENT VERSION 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.



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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION
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AIP PROJECT: 3-17-SBGP-184/197/TBD	
IL PROJECT: TAZ-5080	CONTRACT: TA009
CMT PROJECT NO: 200050-01	
CAD DWG FILE:	TAZ-5080-GC000.DWG
DESIGNED BY:	APS
DRAWN BY:	DPA
CHECKED BY:	CBG
APPROVED BY:	CBG
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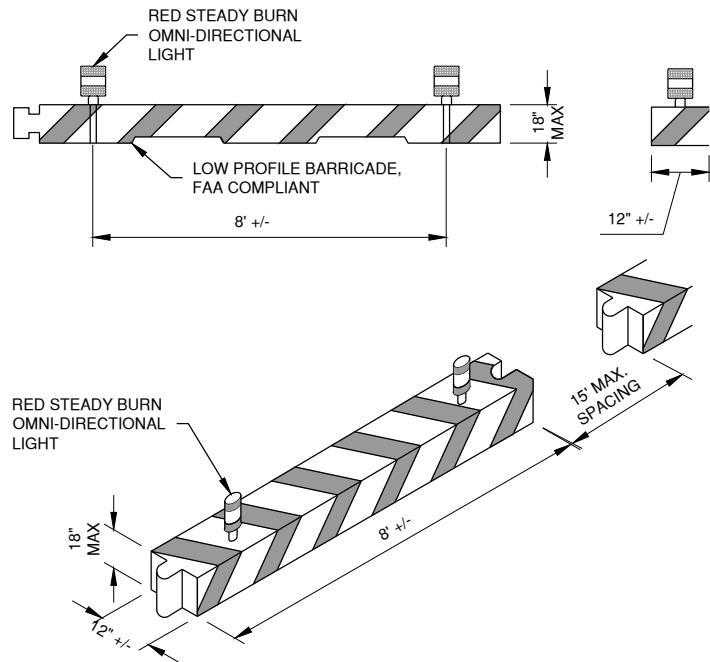
SHEET TITLE

CONSTRUCTION
ACTIVITY NOTES

GC001

SHEET 4 OF 47

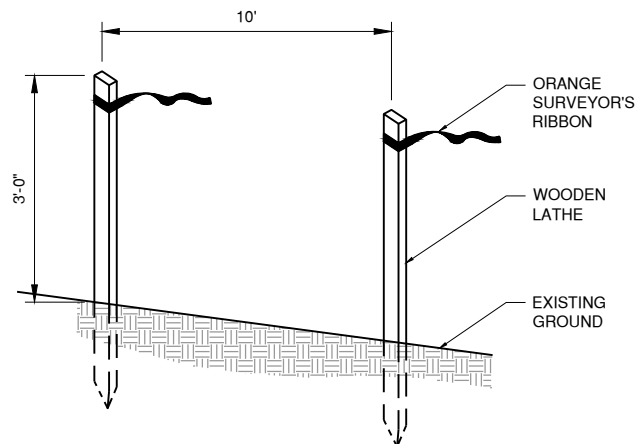
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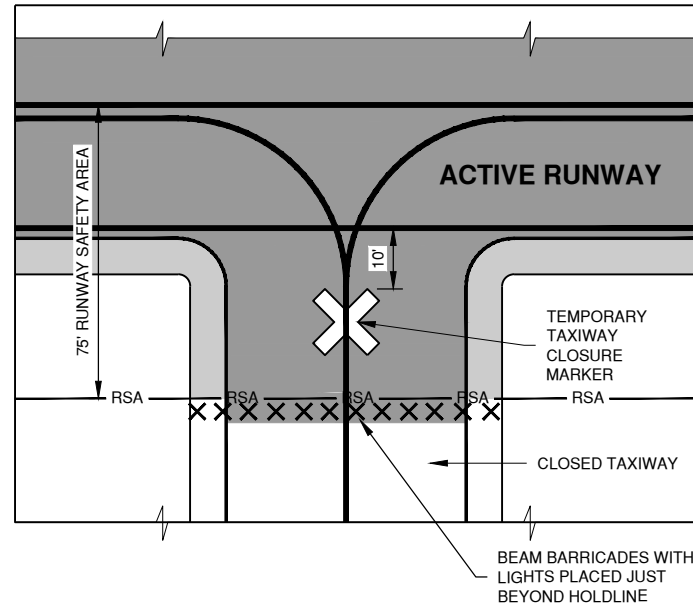
1 BEAM BARRICADES
N.T.S

BEAM BARRICADE NOTES

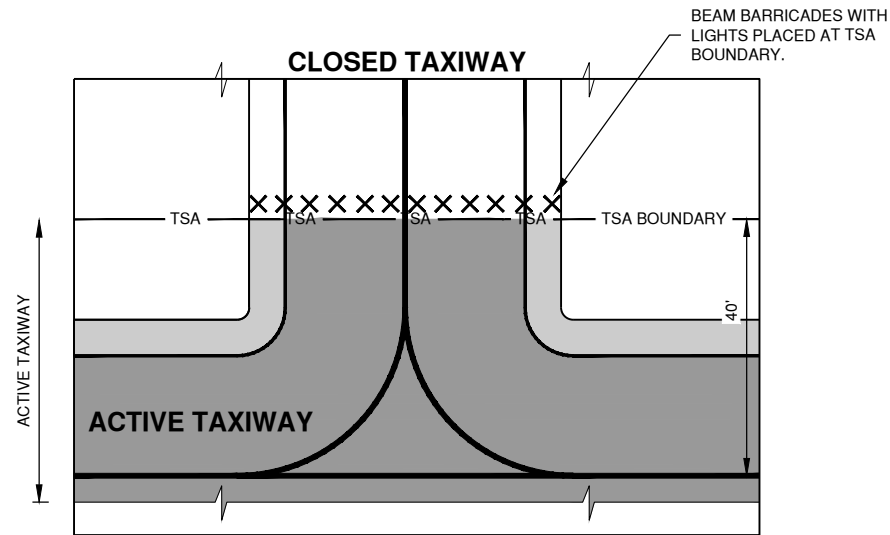
1. BARRICADE SHALL BE WEIGHTED TO WITHSTAND DISPLACEMENT BY WIND, JET OR PROP BLAST.
2. BARRICADE MUST BE OF LOW MASS AND EASILY COLLAPSIBLE UPON CONTACT WITH AN AIRCRAFT.
3. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
4. PLACE AS SHOWN IN PLANS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



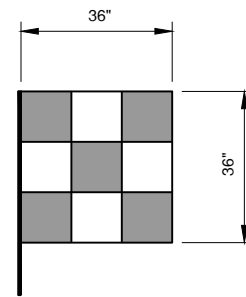
2 WORK AREA DELINEATOR
N.T.S



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



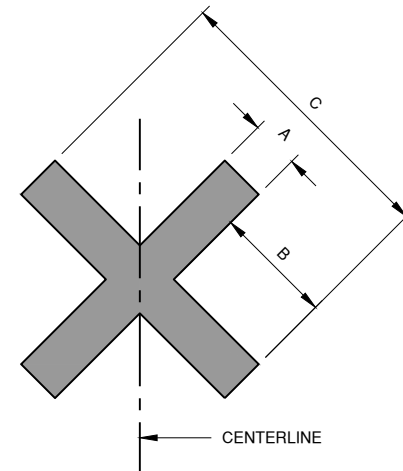
4 CLOSED TAXIWAY/ACTIVE TAXIWAY BARRICADE DETAIL
N.T.S



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.



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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK DATE DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD
IL PROJECT: TAZ-5080 CONTRACT: TA009
CMT PROJECT NO: 200050-01
CAD DWG FILE: TAZ-5080-GC000.DWG
DESIGNED BY: APS
DRAWN BY: DPA
CHECKED BY: CBG
APPROVED BY: CBG
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SHEET TITLE

CONSTRUCTION
ACTIVITY DETAILS

GC002
SHEET 5 OF 47



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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD

IL PROJECT: TAZ-5080 CONTRACT: TA009

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-5080-GC100.DWG

DESIGNED BY: APS

DRAWN BY: DPA

CHECKED BY: CBG

APPROVED BY: CBG

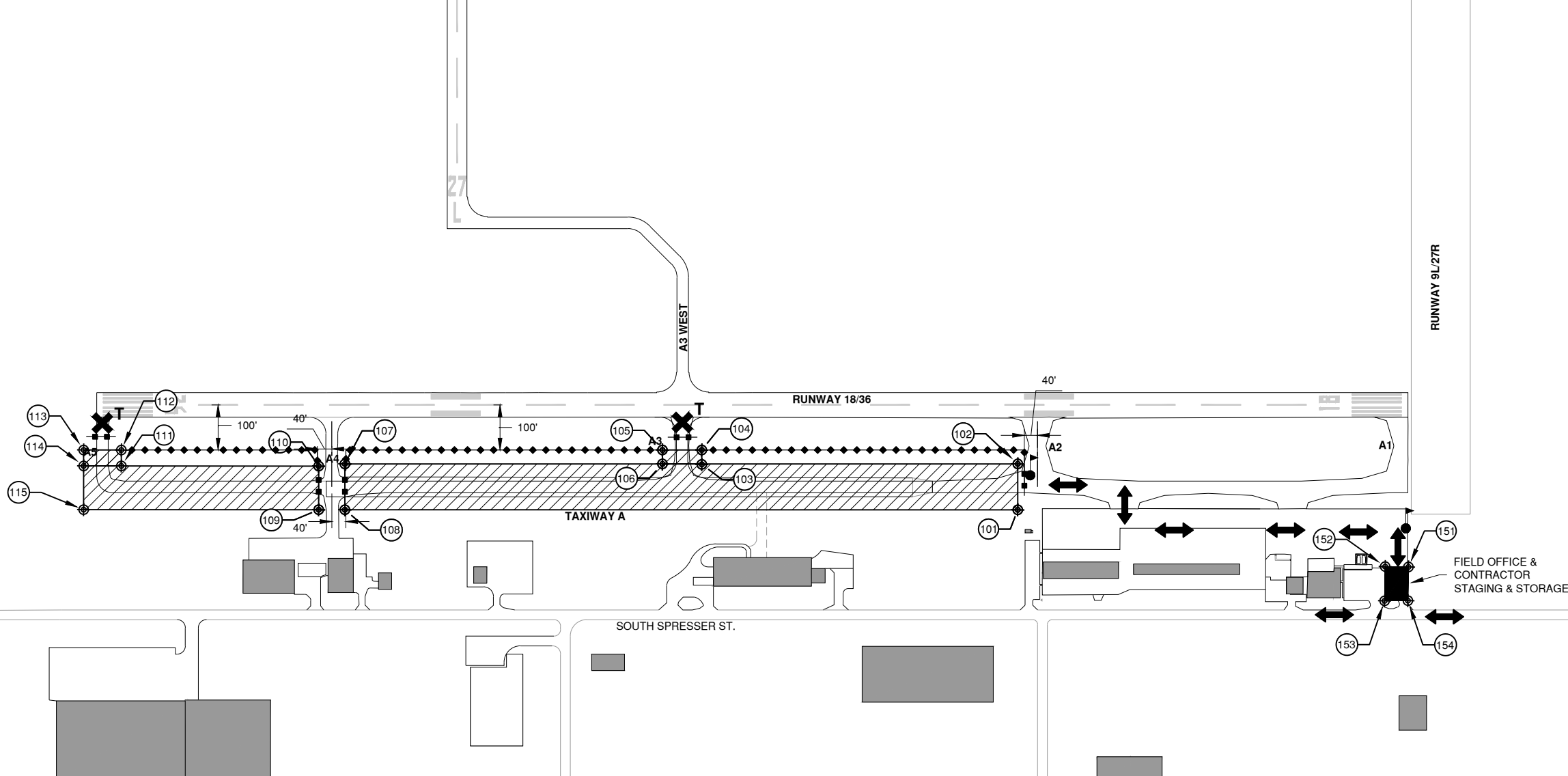
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SHEET TITLE


CONSTRUCTION
ACTIVITY PLAN 1

GC101

SHEET 6 OF 47



LEGEND

-  WORK AREA 1
-  CONTRACTOR ACCESS ROUTE
-  BEAM BARRICADES
-  WORK AREA DELINEATORS
-  TAXIWAY CLOSURE MARKER (TEMPORARY)
-  RUNWAY CLOSURE MARKER (NON-LIGHTED)
-  FLAGGER

WORK AREA 1 NOTES

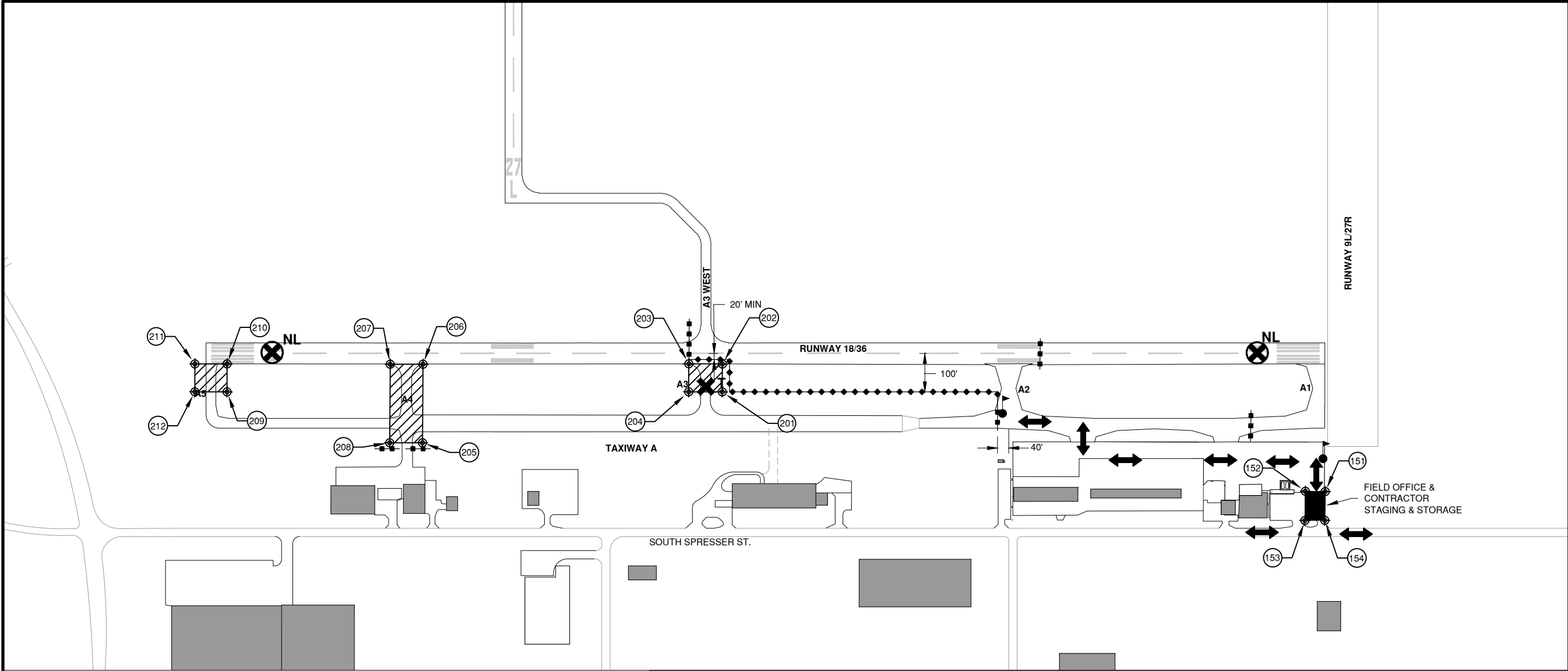
1. THE CONTRACTOR SHALL PROVIDE 72-HOUR NOTICE PRIOR TO INITIATING WORK AREA 1.
2. RUNWAY 18-36, TAXIWAY A4, AND PORTIONS OF TAXIWAY A SHALL REMAIN OPEN FOR WORK AREA 1.
3. THE CONTRACTOR SHALL CONTINUOUSLY CLEAN ACTIVE PAVEMENTS DURING HAULING OPERATIONS AND AT THE END OF THE WORKDAY.
4. AIRCRAFT AND AIRPORT VEHICLES SHALL HAVE THE RIGHT OF WAY AT ALL TIMES.
5. CONSTRUCTION OF THIS WORK AREA PHASE SHALL CONSIST OF PAVEMENT REMOVAL, PAVEMENT MILLING, BITUMINOUS CRACK REPAIR, PAVEMENT OVERLAY, PAVEMENT CONSTRUCTION, ELECTRICAL IMPROVEMENTS, UNDERDRAIN INSTALLATION, PAVEMENT MARKING AND SHOULDER ADJUSTMENT.
6. THE CONTRACTOR SHALL MONITOR RADIO COMMUNICATION DURING WORK AREA 1. THIS WORK AREA WILL BE ADJACENT TO AN ACTIVE RUNWAY AND TAXIWAYS.
7. A FLAGGER SHALL BE SUPPLIED BY THE CONTRACTOR AT ALL TIMES WHEN HAULING OPERATIONS ARE IN PROGRESS. FLAGGER LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

PAVEMENT STATUS TABLE

PAVEMENT	STATUS
RWY 9R/27L	OPEN
RWY 9L/27R	OPEN
RWY 18/36	OPEN
TWY A	CLOSED BETWEEN TWY A2 AND TWY A4, CLOSED BETWEEN A4 AND A5
TWY A1	OPEN
TWY A2	OPEN
TWY A3 EAST	CLOSED
TWY A4	OPEN
TWY A5	CLOSED
TWY A3 WEST	OPEN

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Date: Friday, June 27, 2025 8:34:12 AM



FAA POINTS OF INTEREST						
POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	OBSTRUCTION HEIGHT	ABOVE GROUND ELEVATION	DESCRIPTION
201	N39° 31' 54.93"	W89° 19' 36.96"	613'	25'	638'	WORK AREA 1A
202	N39° 31' 54.92"	W89° 19' 38.23"	612'	25'	637'	WORK AREA 1A
203	N39° 31' 53.74"	W89° 19' 38.22"	612'	25'	637'	WORK AREA 1A
204	N39° 31' 53.74"	W89° 19' 36.94"	613'	25'	638'	WORK AREA 1A
205	N39° 31' 44.36"	W89° 19' 34.47"	623'	25'	648'	WORK AREA 1A
206	N39° 31' 44.34"	W89° 19' 38.06"	621'	25'	646'	WORK AREA 1A
207	N39° 31' 43.19"	W89° 19' 38.04"	621'	25'	646'	WORK AREA 1A
208	N39° 31' 43.20"	W89° 19' 34.46"	622'	25'	647'	WORK AREA 1A
209	N39° 31' 37.43"	W89° 19' 36.69"	620'	25'	645'	WORK AREA 1A
210	N39° 31' 37.42"	W89° 19' 37.97"	620'	25'	645'	WORK AREA 1A
211	N39° 31' 36.28"	W89° 19' 37.95"	620'	25'	645'	WORK AREA 1A
212	N39° 31' 36.29"	W89° 19' 36.67"	620'	25'	645'	WORK AREA 1A

WORK AREA 1A NOTES

1. THE CONTRACTOR SHALL GIVE THE AIRPORT 72 HOURS NOTICE PRIOR TO CLOSING THE RUNWAY OR TAXIWAY A4 FOR ANY WORK AREA PHASE.

2. PORTIONS OF RUNWAY 18/36 AND TAXIWAYS SHALL REMAIN OPEN FOR TAXIING DURING WORK AREA 1A.

3. WORK AREA 1A MAY BE CONSTRUCTED CONCURRENTLY WITH WORK AREA 1. PRIORITY SHALL BE GIVEN TO WORK AREA 1A DURING CLOSURE.

4. THE CONTRACTOR SHALL HAVE UP TO 10 CONSECUTIVE DAYS TO COMPLETE WORK IN WORK AREA 1A TO LIMIT THE IMPACT OF THE CLOSURES ON THE AIRPORT. CONTRACTOR TO COORDINATE RUNWAY AND TAXIWAY CLOSURES WITH THE AIRPORT.

5. THE CONTRACTOR SHALL CONTINUOUSLY CLEAN ACTIVE PAVEMENTS DURING HAULING OPERATIONS AND AT THE END OF THE WORKDAY.
6. UPON COMPLETION OF WORK ITEMS WITHIN WORK AREA 1A CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND AIRPORT THAT SAFETY AREAS ARE ACCEPTABLE PRIOR TO REMOVING RUNWAY AND TAXIWAYS CLOSURE MARKERS.

7. THE CONTRACTOR SHALL MONITOR RADIO COMMUNICATIONS DURING WORK AREA 1A. THIS PHASE WILL BE ADJACENT TO A RUNWAY THAT WILL BE USED AS TAXI ROUTE.

8. AIRCRAFT AND AIRPORT VEHICLES SHALL HAVE THE RIGHT OF WAY AT ALL TIMES.

9. CONSTRUCTION OF THIS PHASE SHALL CONSIST OF PAVEMENT REMOVAL, PAVEMENT MILLING, BITUMINOUS CRACK REPAIR, PAVEMENT OVERLAY, PAVEMENT
- CONSTRUCTION, ELECTRICAL IMPROVEMENTS, UNDERDRAIN INSTALLATION, PAVEMENT MARKING AND SHOULDER ADJUSTMENT.
10. ALL WORK SOUTH OF TAXIWAY A4 SHALL BE COMPLETED BY THE LAST DAY OF WORK AREA A1 CLOSURE. NO CLOSURES ON THE PORTION OF TAXIWAY A SOUTH OF A4 OR ON TAXIWAY A5 SHALL BE ALLOWED AFTER WORK AREA A1 COMPLETION

11. A FLAGGER SHALL BE SUPPLIED BY THE CONTRACTOR AT ALL TIMES WHEN HAULING OPERATIONS ARE IN PROGRESS. FLAGGER LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

LEGEND

- WORK AREA 1A
- CONTRACTOR ACCESS ROUTE
- BEAM BARRICADES
- WORK AREA DELINEATORS
- TAXIWAY CLOSURE MARKER (TEMPORARY)
- RUNWAY CLOSURE MARKER (NON-LIGHTED)

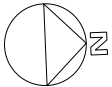
PAVEMENT STATUS TABLE

PAVEMENT	STATUS
RWY 9R/27L	OPEN
RWY 9L/27R	OPEN
RWY 18/36	CLOSED - EXCEPT FOR TAXIING OPERATIONS
TWY A	CLOSED FROM A5 TO A2; CLOSED ACCESS TO A1
TWY A1	CLOSED
TWY A2	OPEN
TWY A3 EAST	CLOSED
TWY A4	CLOSED
TWY A5	CLOSED
TWY A3 WEST	OPEN



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0 200' 400'

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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK DATE DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD		
IL PROJECT: TAZ-5080		CONTRACT: TA009
CMT PROJECT NO: 200050-01		
CAD DWG FILE: TAZ-5080-GC100.DWG		
DESIGNED BY:	APS	
DRAWN BY:	DPA	
CHECKED BY:	CBG	
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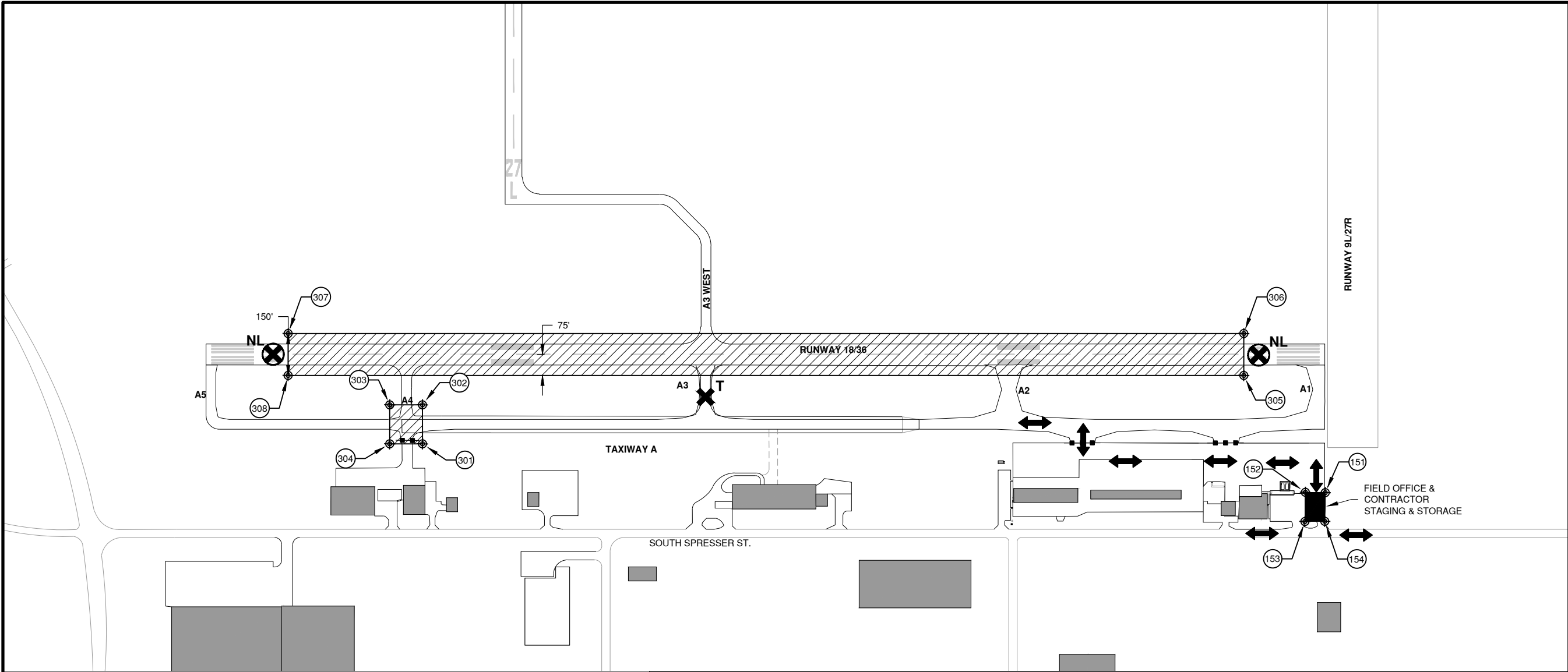
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CONSTRUCTION
ACTIVITY PLAN 1A

GC102

SHEET 7 OF 47

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Date: Friday, June 27, 2025 8:34:16 AM



FAA POINTS OF INTEREST						
POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	OBSTRUCTION HEIGHT	ABOVE GROUND ELEVATION	DESCRIPTION
301	N39° 31' 44.36"	W89° 19' 34.47"	623'	25'	648'	WORK AREA 2
302	N39° 31' 44.34"	W89° 19' 36.25"	622'	25'	647'	WORK AREA 2
303	N39° 31' 43.19"	W89° 19' 36.24"	623'	25'	648'	WORK AREA 2
304	N39° 31' 43.20"	W89° 19' 34.46"	622'	25'	647'	WORK AREA 2
305	N39° 32' 13.35"	W89° 19' 38.04"	613'	25'	638'	WORK AREA 2
306	N39° 32' 13.33"	W89° 19' 39.95"	613'	25'	638'	WORK AREA 2
307	N39° 31' 39.57"	W89° 19' 39.44"	621'	25'	646'	WORK AREA 2
308	N39° 31' 39.58"	W89° 19' 37.52"	620'	25'	645'	WORK AREA 2

WORK AREA 2 NOTES

1. WORK AREA 2 WILL REQUIRE RUNWAY 18/36, RUNWAY 9R/27L, AND TAXIWAY A TO BE CLOSED. THE CONTRACTOR SHALL GIVE THE AIRPORT 72 HOURS NOTICE PRIOR TO CLOSING THE RUNWAY OR TAXIWAY.

2. WORK AREA 2 MAY BE CONSTRUCTED CONCURRENTLY WITH WORK AREA 1. PRIORITY SHALL BE GIVEN TO WORK AREA 2 DURING RUNWAY CLOSURE.

3. WORK AREA 2 SHALL BE SCHEDULED BY THE CONTRACTOR (APPROVED BY THE AIRPORT MANAGER) AND SHALL BE A MINIMUM OF 30 CALENDAR DAYS AFTER THE LAST DAY OF WORK AREA A1 CLOSURE.

4. THE CONTRACTOR WILL HAVE UP TO 3 CONSECUTIVE DAYS FOR THE WORK AREA 2 CLOSURE TO LIMIT THE IMPACT OF THE CLOSURES ON THE AIRPORT.

5. THE CONTRACTOR SHALL CONTINUOUSLY CLEAN ACTIVE PAVEMENTS DURING HAULING OPERATIONS AND AT THE END OF THE WORKDAY.
6. CONSTRUCTION OF THIS WORK AREA SHALL CONSIST OF PAVEMENT MARKING AND TURFING.

7. UPON COMPLETION OF WORK ITEMS WITHIN WORK AREA 2 CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND AIRPORT THAT SAFETY AREAS ARE ACCEPTABLE PRIOR TO REMOVING RUNWAY OR TAXIWAY CLOSURE MARKERS.

8. THE CONTRACTOR SHALL MONITOR RADIO COMMUNICATIONS DURING WORK AREA 2.

9. AIRCRAFT AND AIRPORT VEHICLES SHALL HAVE THE RIGHT OF WAY AT ALL TIMES.

LEGEND

- WORK AREA 2
- CONTRACTOR ACCESS ROUTE
- BEAM BARRICADES
- WORK AREA DELINEATORS
- TAXIWAY CLOSURE MARKER (TEMPORARY)
- RUNWAY CLOSURE MARKER (NON-LIGHTED)

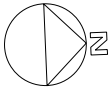
PAVEMENT STATUS TABLE

PAVEMENT	STATUS
RWY 9R/27L	CLOSED
RWY 9L/27R	OPEN
RWY 18/36	CLOSED
TWY A	CLOSED
TWY A1	CLOSED
TWY A2	CLOSED
TWY A3 EAST	CLOSED
TWY A4	CLOSED
TWY A5	CLOSED
TWY A3 WEST	CLOSED



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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

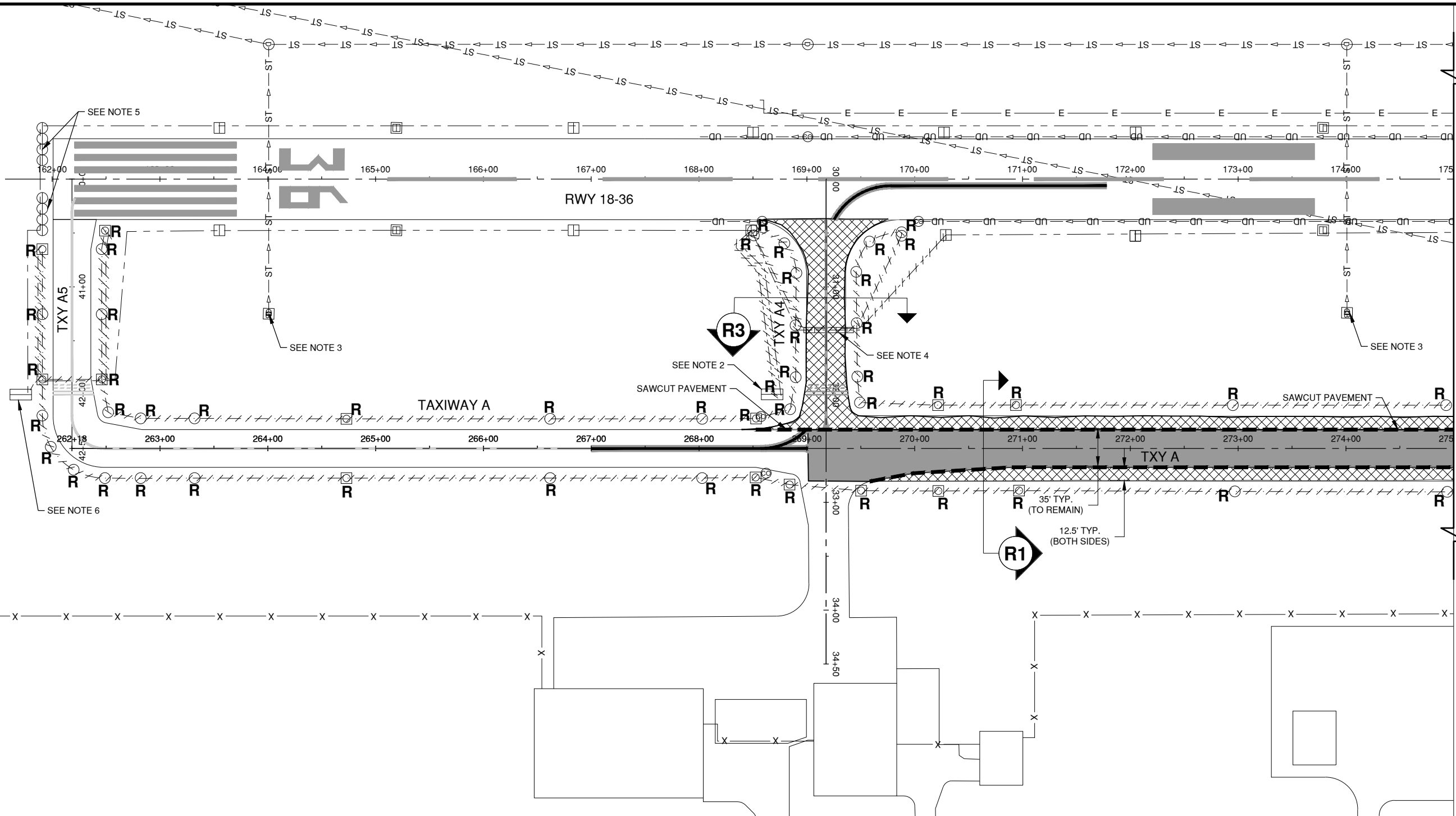
MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD	
IL PROJECT: TAZ-5080	CONTRACT: TA009
CMT PROJECT NO: 200050-01	
CAD DWG FILE: TAZ-5080-GC100.DWG	
DESIGNED BY:	APS
DRAWN BY:	DPA
CHECKED BY:	CBG
APPROVED BY:	CBG
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SHEET TITLE
CONSTRUCTION
ACTIVITY PLAN 2

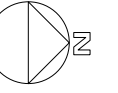
GC103	
SHEET 8	OF 47

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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

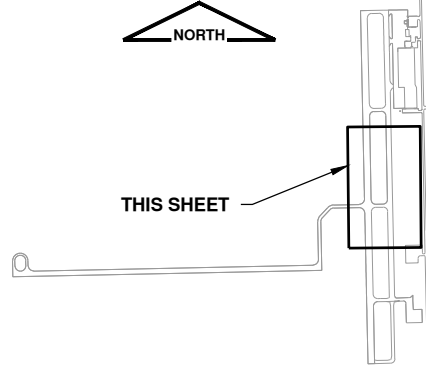
NOTES

1. CONTRACTOR TO REMOVE EXISTING VEGETATION CONTROL DEVICES AROUND EXISTING EDGE LIGHTS AND SALVAGE. CONTRACTOR TO STORE VEGETATION CONTROL DEVICES UNTIL REINSTALLED. SEE DETAIL R5, SHEET CD302.
2. EXISTING SIGN AND SIGN PAD TO BE REMOVED. DEMOLISH CABLE BACK TO LOCATION OF SPLICE.
3. EXISTING DRAINAGE STRUCTURE TO REMAIN. CONTRACTOR TO PROTECT FROM DAMAGE DURING DEMOLITION AND REHABILITATION ACTIVITIES.
4. EXISTING DUCT BANK SHALL BE REMOVED.
5. RUNWAY THRESHOLD LIGHTS TO REMAIN. CONTRACTOR SHALL PROTECT FROM DAMAGE DURING DEMOLITION AND REHABILITATION ACTIVITIES.
6. SIGN FOUNDATION TO REMAIN FOR THE INSTALLATION OF NEW SIGN. CONTRACTOR SHALL PROTECT EXISTING FOUNDATION FROM DAMAGE.

LEGEND

- | | | | |
|---|--|-----------|----------------------------------|
| ○ | EXISTING STAKE MOUNTED TAXIWAY LIGHT | — ST — | EXISTING STORM SEWER |
| □ | EXISTING BASE MOUNTED TAXIWAY LIGHT | — UD — | EXISTING UNDERDRAIN |
| ▬ | EXISTING TAXIWAY GUIDANCE SIGN | ▬ | EXISTING PAVEMENT MARKING |
| ⊙ | EXISTING RUNWAY/THRESHOLD LIGHT | ▬ | PAVEMENT MARKING REMOVAL |
| ▬ | EXISTING RUNWAY BASE MOUNTED EDGE LIGHT | — · — · — | EXISTING TAXIWAY CIRCUIT |
| ▬ | EXISTING RUNWAY STAKE MOUNTED EDGE LIGHT | — · — · — | EXISTING RUNWAY CIRCUIT |
| ⊠ | EXISTING WINDCONE | ▬ | EXIST. TXY & RWY CIRCUIT REMOVAL |
| ⊠ | EXISTING CATCH BASIN | ▬ | SAWCUT PAVEMENT |
| ⊙ | EXISTING CLEANOUT | — X — | EXISTING FENCE |
| R | REMOVAL | ▬ | BITUMINOUS MILLING |
| ▬ | EXISTING DUCT | ▬ | TURF REMOVAL |
| | | ▬ | PAVEMENT REMOVAL(FULL DEPTH) |

KEYMAP

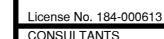


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IL PROJECT:	TAZ-5080	CMT PROJECT NO.:	200050-01
CAD DWG FILE:	TAZ-5080-CD100.DWG	DESIGNED BY:	APS
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SHEET TITLE
**EXISTING
CONDITIONS &
REMOVALS 1**

CD101
SHEET 9 OF 47



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CONCEPT/INTO

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REHABILITATE TAXIWAY A,
PHASE 2

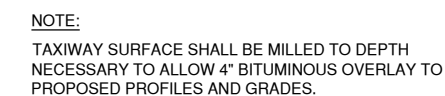
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PAVEMENT DEMOLITION DETAIL 1

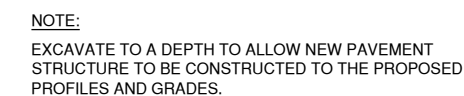
SHEET 11 OF 47



PAVEMENT STRUCTURES SHOWN WERE TAKEN FROM RECORD DRAWINGS AND ARE CONSIDERED GENERALLY REPRESENTATIVE OF THE "AS-CONSTRUCTED" PAVEMENT SECTION WITH SOME VARIABILITY FROM THE THICKNESS INDICATED TO BE EXPECTED. THERE WILL BE NO ADDITIONAL PAYMENT TO THE CONTRACTOR DUE TO VARIATION OF THICKNESS OR MATERIALS.

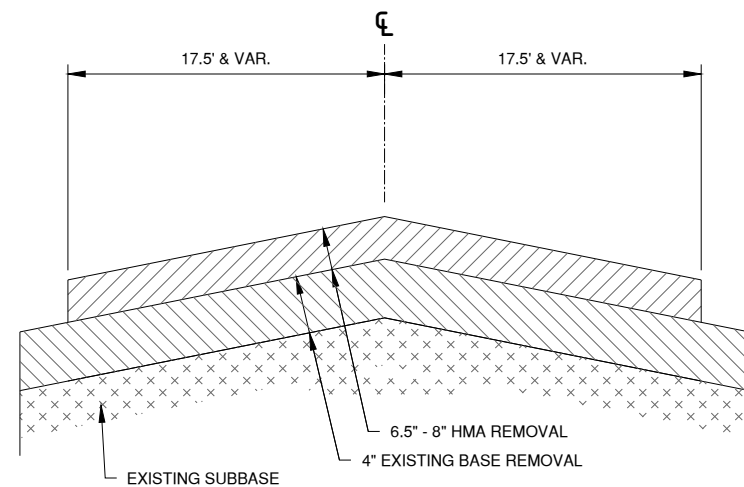
R1 — N.T.S.

CD101
CD102

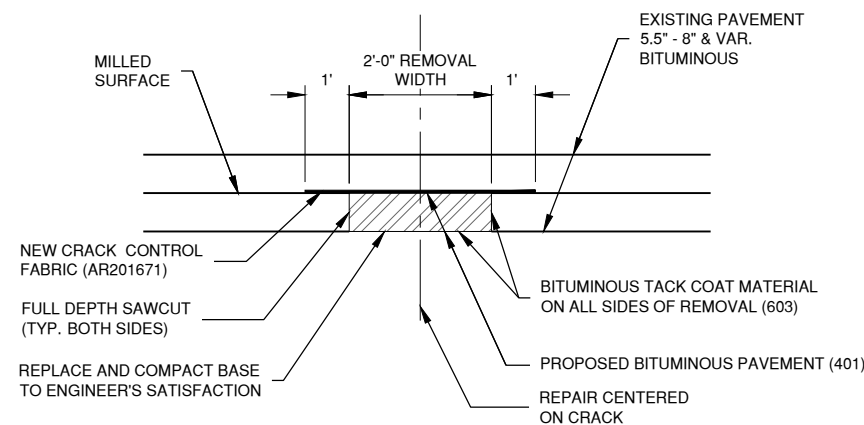


R2 N.T.S

CD102



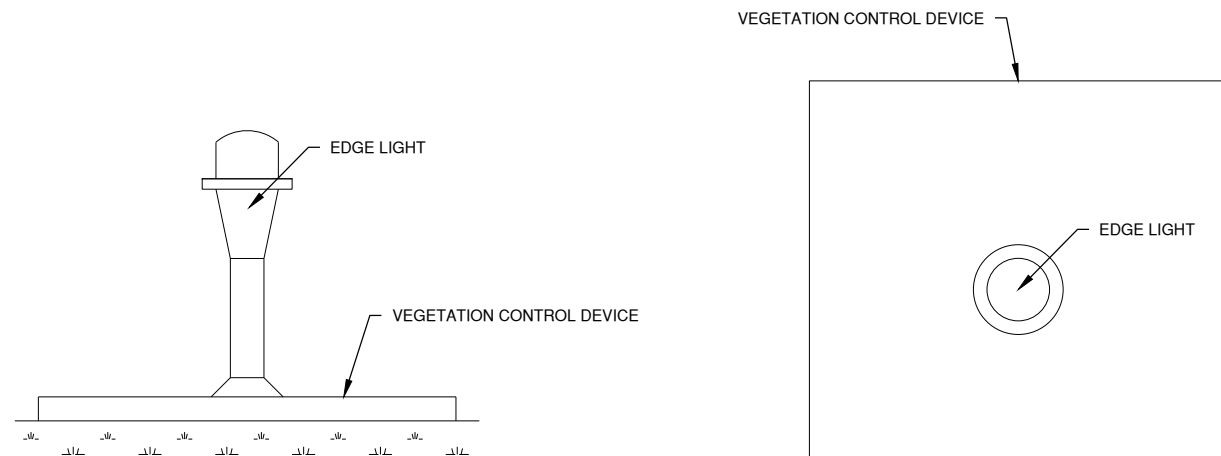
R3 REMOVAL OF A4 - TYPICAL
N.T.S
CD101



R4 BITUMINOUS CRACK REPAIR
N.T.S
CD101
CD102

BITUMINOUS CRACK REPAIR NOTES:

1. THE REMOVAL WIDTH SHALL BE 2'-0" WIDE OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE FOLLOWING SHALL BE THE STEPS TAKEN TO REPAIR THE CRACK:
 - 2.1. SAWCUT AND REMOVE THE FULL DEPTH OF BITUMINOUS PAVEMENT TO A WIDTH OF 24" CENTERED ON THE CRACK.
 - 2.2. REPLACE OVEREXCAVATED AGGREGATE BASE COURSE AND COMPACT THE AGGREGATE BASE COURSE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
 - 2.3. APPLY TACK COAT ITEM 602503 TO THE AGGREGATE BASE COURSE AND THE SIDES OF THE AREA TO BE PATCHED.
 - 2.4. PLACE BITUMINOUS HMA ITEM 401610 TO THE TOP OF THE MILLED SURFACE.
 - 2.5. COMPACT WITH EQUIPMENT SUFFICIENT TO ACHIEVE REQUIRED DENSITY. MULTIPLE LIFTS OF BITUMINOUS HMA MAY BE NEEDED TO ACHIEVE REQUIRED DENSITY.
 - 2.6. PLACE CRACK CONTROL FABRIC ITEM 201671 AS SHOWN IN THE PLANS.
3. THE FOLLOWING SHALL BE INCIDENTAL TO THE BITUMINOUS CRACK REPAIR PAY ITEM (AR201660):
 - 3.1. FULL DEPTH SAWCUT
 - 3.2. PAVEMENT REMOVAL
 - 3.3. BASE PREPARATION AND REMOVAL/REPLACEMENT OF OVER EXCAVATED MATERIAL
 - 3.4. BITUMINOUS TACK COAT
4. BITUMINOUS REPLACEMENT AND OVERLAY AND CRACK CONTROL FABRIC WILL BE PAID SEPARATELY.
5. LOCATIONS TO BE DETERMINED BY RESIDENT ENGINEER.



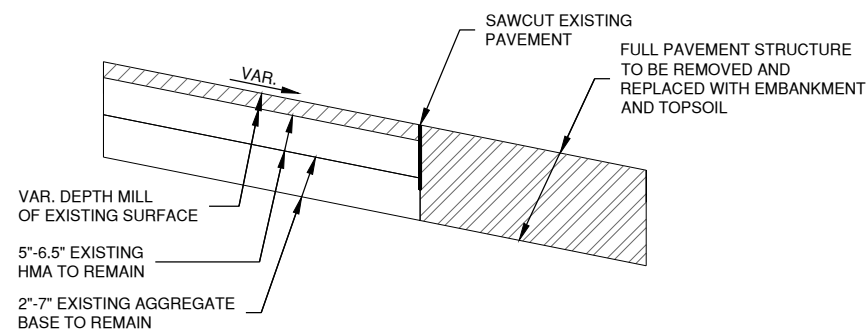
PROFILE VIEW

PLAN VIEW

R5 VEGETATION CONTROL DEVICE
N.T.S
CD101

VEGETATION CONTROL DEVICE NOTES:

- 1.) CONTRACTOR TO REMOVE EXISTING VEGETATION CONTROL DEVICES AROUND EXISTING EDGE LIGHTS AND SALVAGE. CONTRACTOR TO STORE VEGETATION CONTROL DEVICES UNTIL REINSTALLED.



R6 TYPICAL TAXIWAY A REMOVAL SECTION
N.T.S
CD101
CD102



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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



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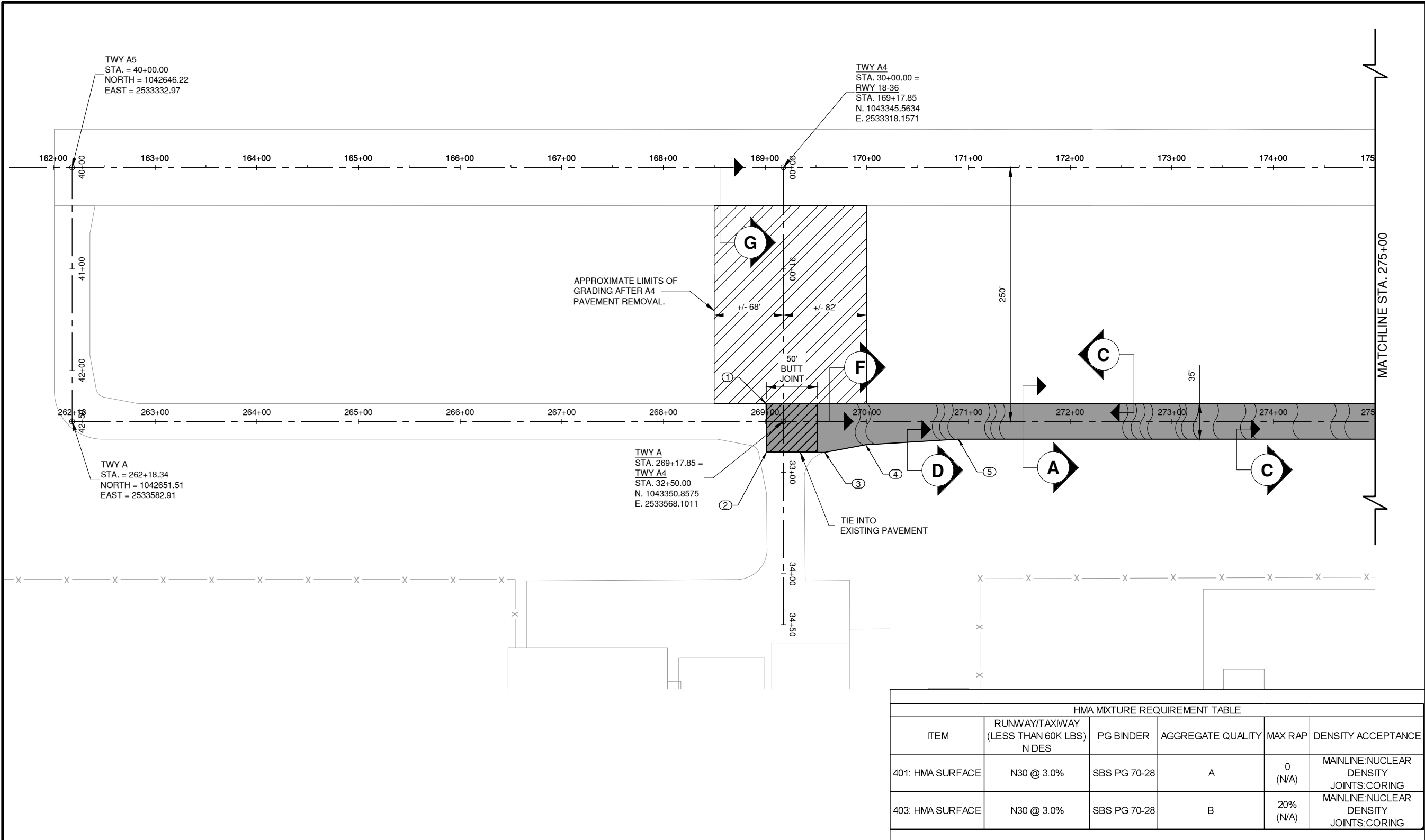
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SHEET TITLE

PAVEMENT
DEMOLITION DETAIL 2

CD302
SHEET 12 OF 47

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GEOMETRY LOCATIONS		
POINT	STATION	OFFSET
1	269+01	17.5' L
2	269+01	30.2' R
3	269+58	30.5' R
4	269+99	23.0' R
5	270+90	17.5' R

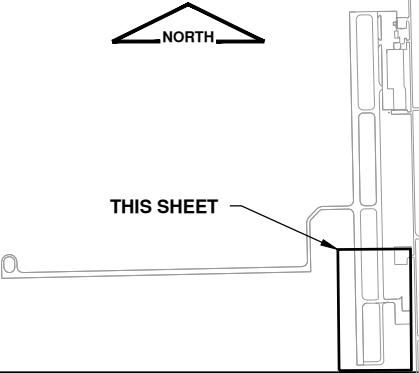
NOTES

- SEE SHEETS CP301 AND CP302 FOR TYPICAL SECTION DETAILS.
- PRIOR TO PAVING, CONTRACTOR SHALL COMPLETE BITUMINOUS CRACK REPAIR PER DETAILS R4, CD302.
- EXACT CRACK REPAIR LOCATIONS WITHIN EACH AREA SHALL BE DESIGNATED BY THE RESIDENT ENGINEER AFTER COMPLETION OF CONTRACTOR MILLING.
- SEE SHEET CP302 DETAIL H FOR DETAIL OF BUTT JOINT TO TRANSITION TO EXISTING PAVEMENT.

LEGEND

- 4" BITUMINOUS PAVEMENT OVERLAY
- NEW PAVEMENT
- NEW TAXIWAY PAVEMENT EDGE
- GEOMETRY POINTS
- BITUMINOUS CRACK REPAIR
- SECTION DETAIL

KEYMAP



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REHABILITATE TAXIWAY A,
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OWNER

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TAYLORVILLE MUNICIPAL
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TAYLORVILLE, IL

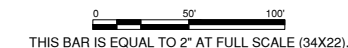
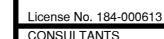
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PROPOSED
IMPROVEMENTS 1

CP101
SHEET 13 OF 47

REHABILITATE TAXIWAY A,
PHASE 2

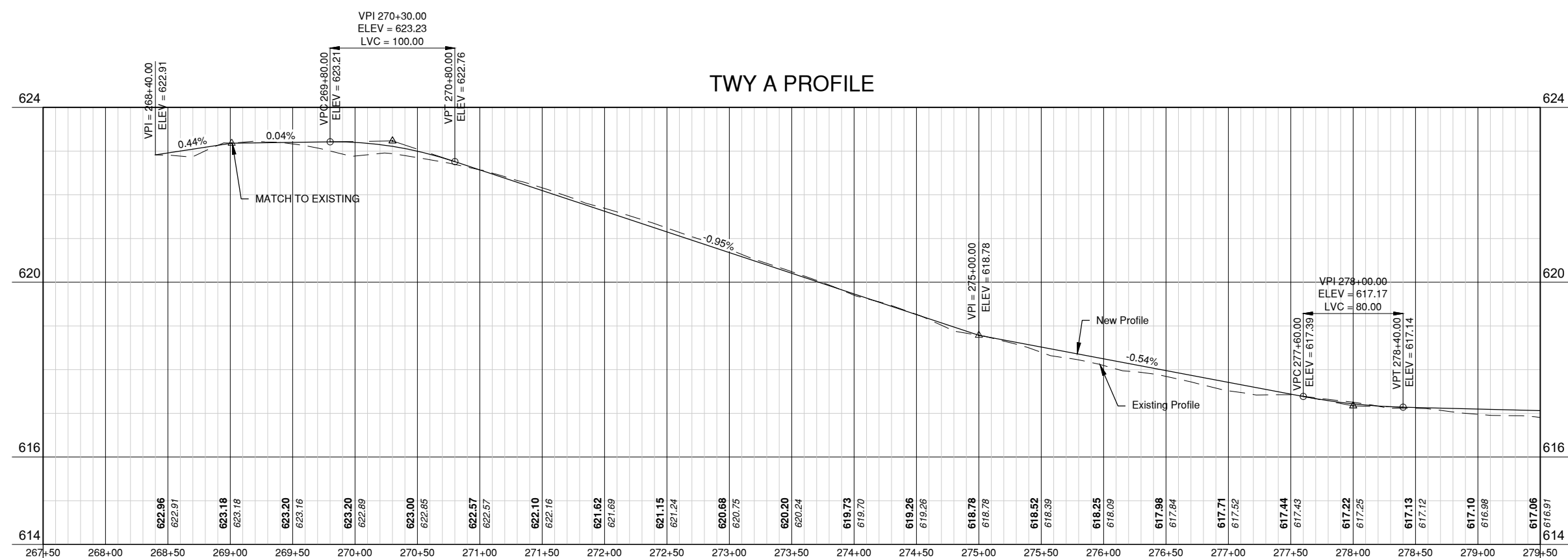
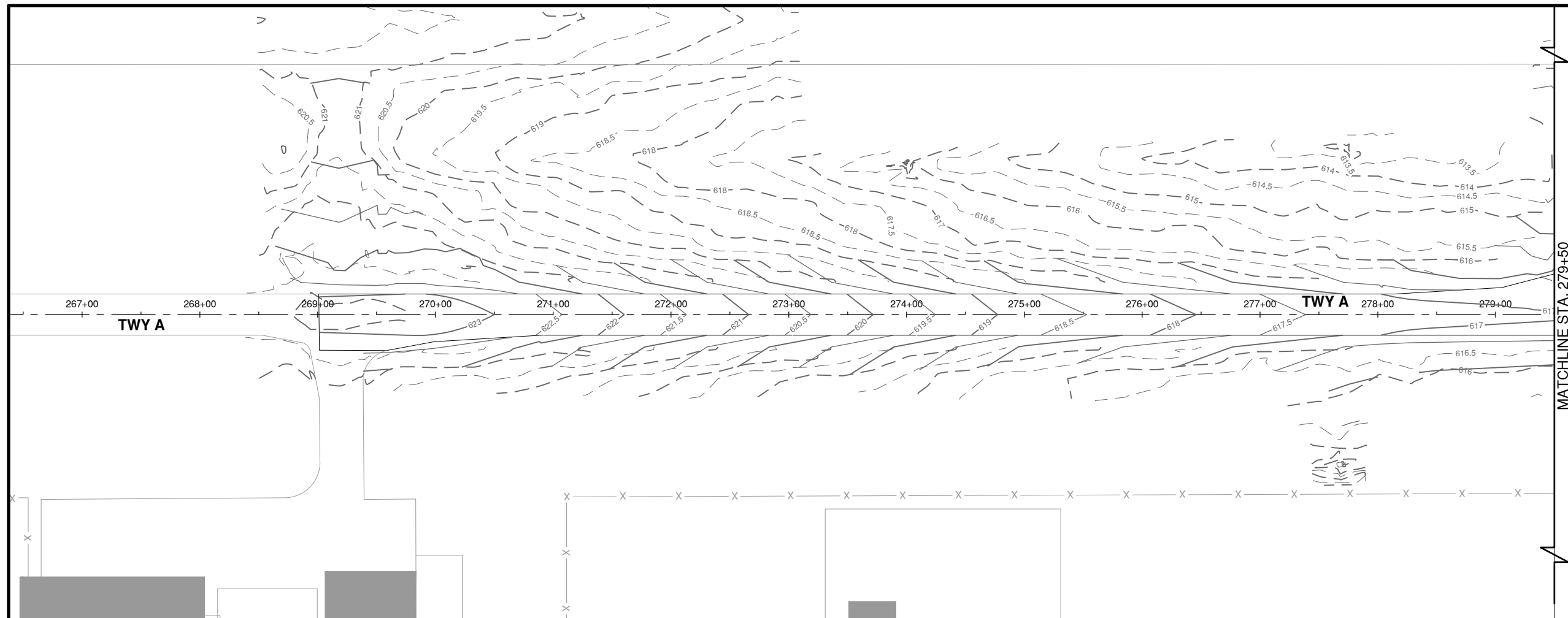
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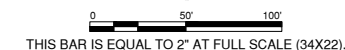
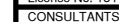
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TWY A PAVING PLAN & PROFILE 01

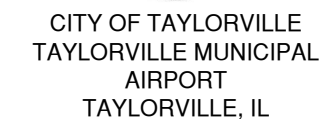
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REHABILITATE TAXIWAY A,
PHASE 2

OWNER



MARK	DATE	DESCRIPTION

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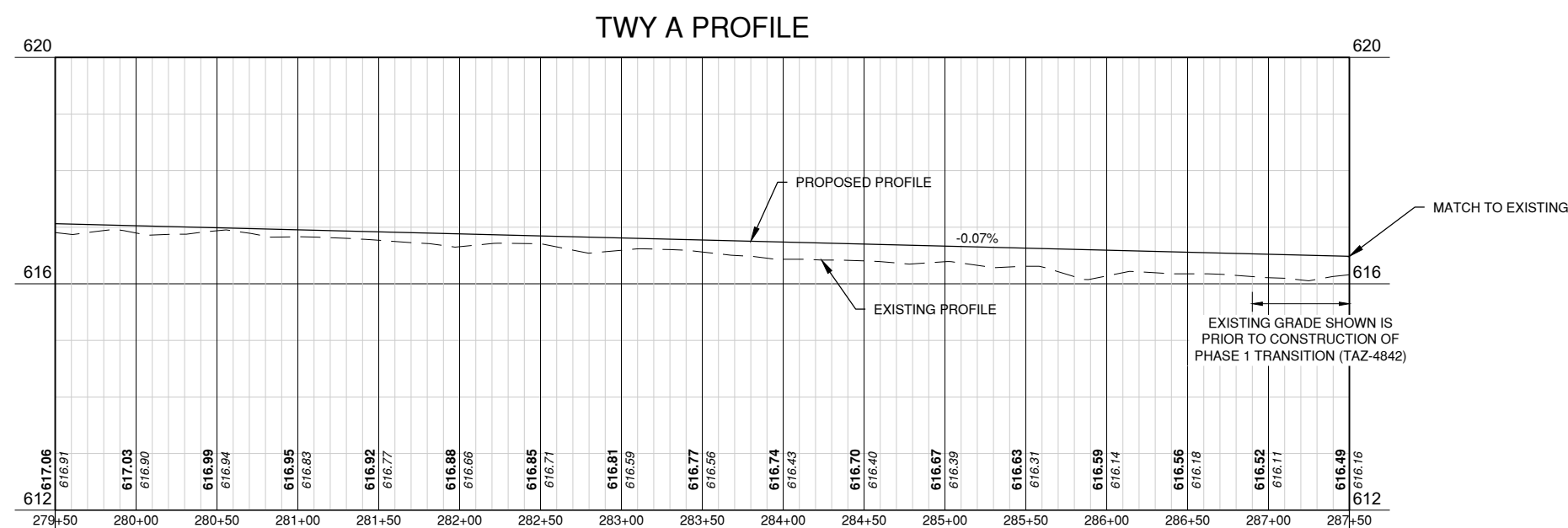
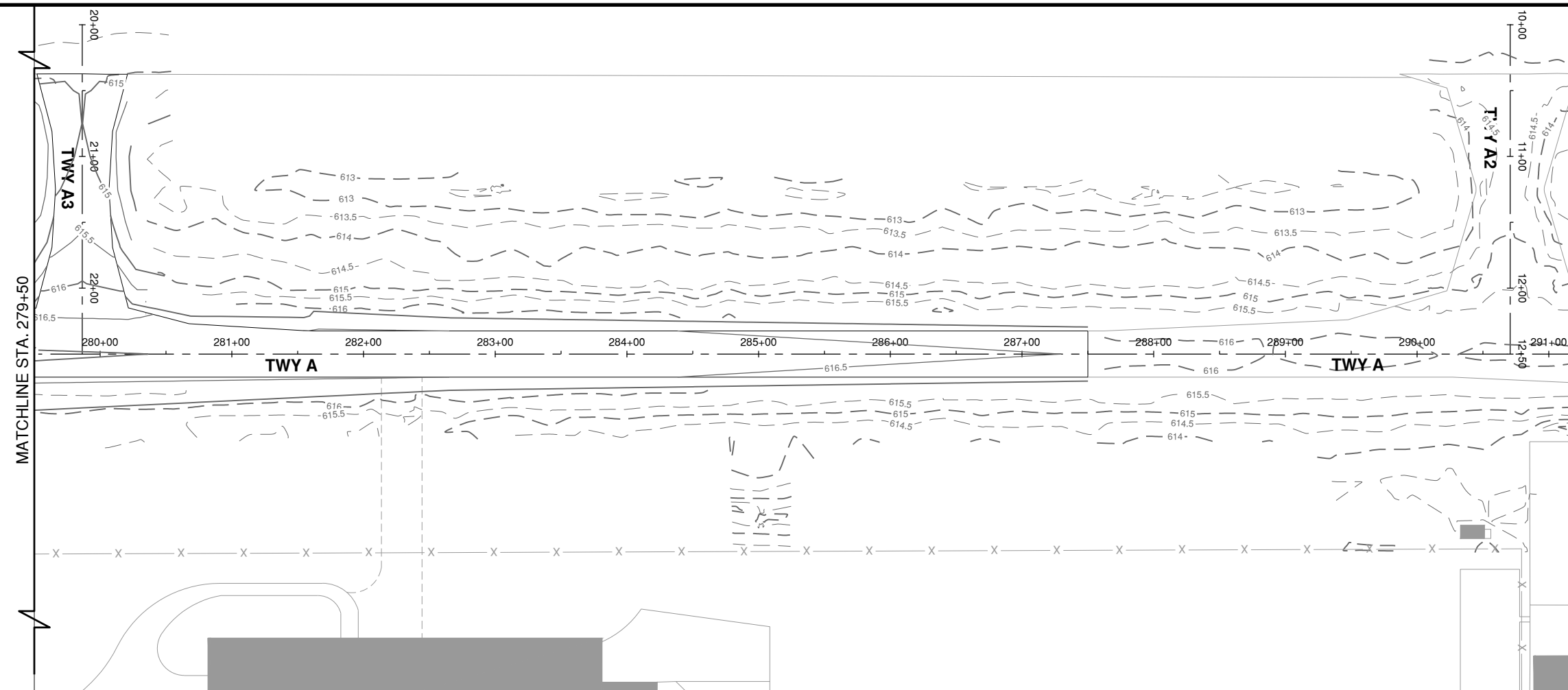
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SHEET TITLE

TWY A PAVING PLAN
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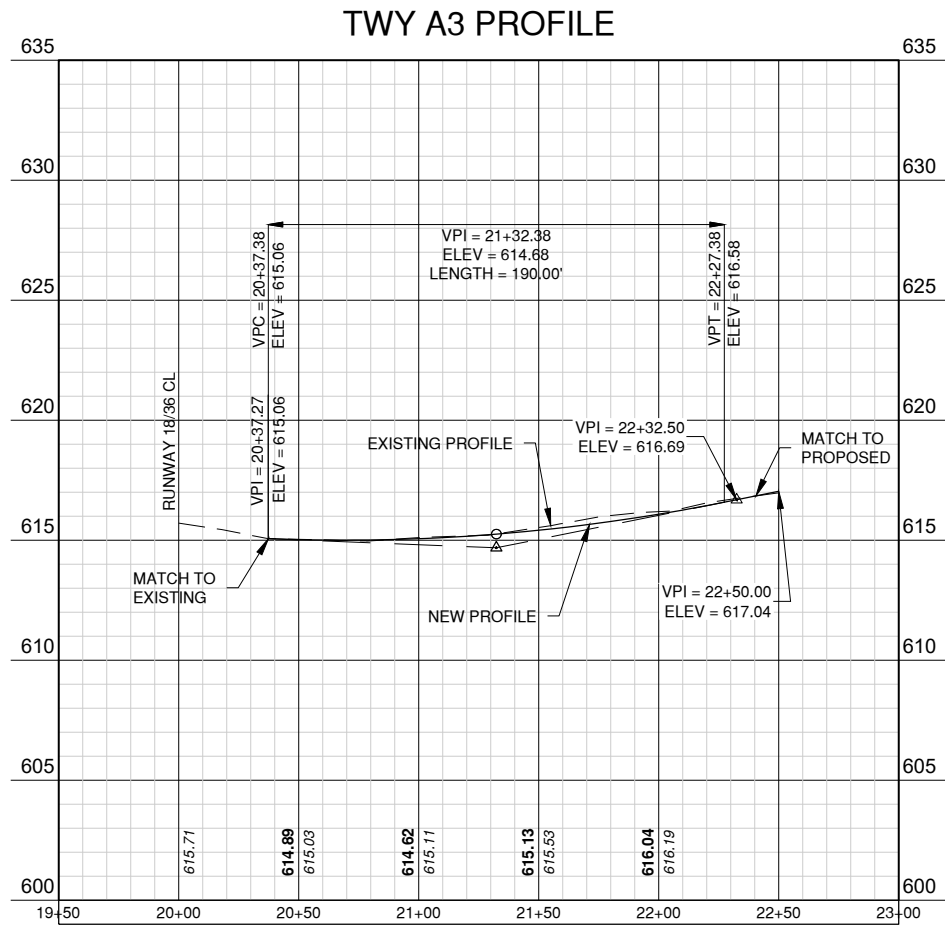
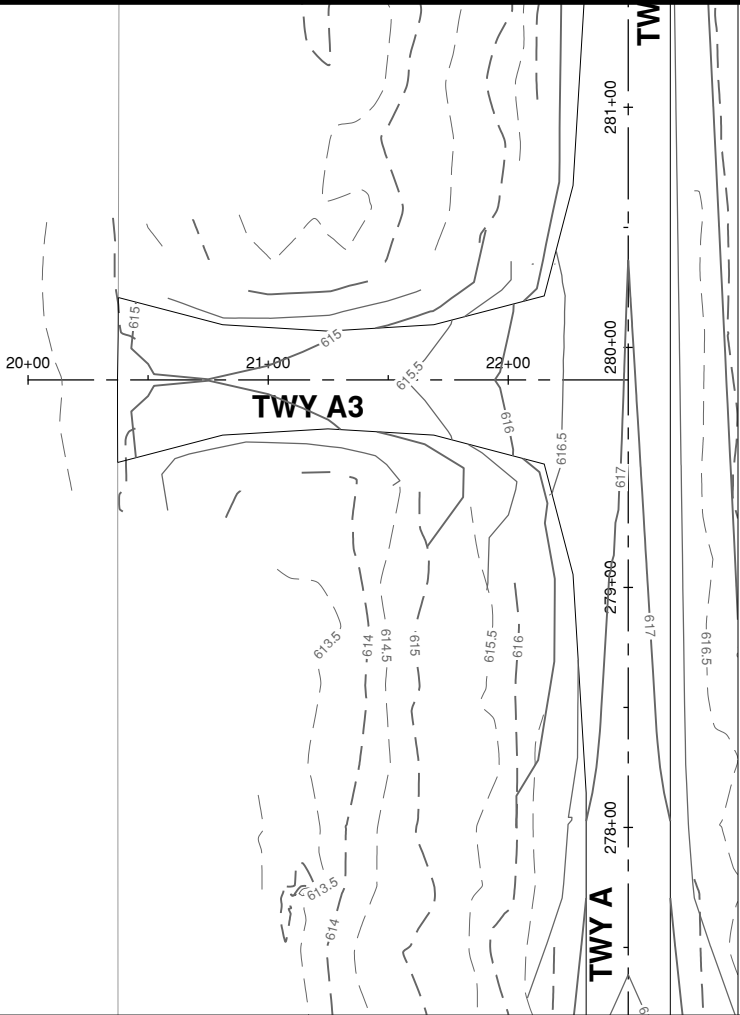
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SHEET 16 OF 47



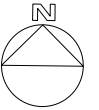
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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

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TAYLORVILLE MUNICIPAL
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TAYLORVILLE, IL

MARK DATE DESCRIPTION

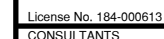
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TWY A3 PAVING PLAN
& PROFILE 03

SHEET 17 OF 47

CP203



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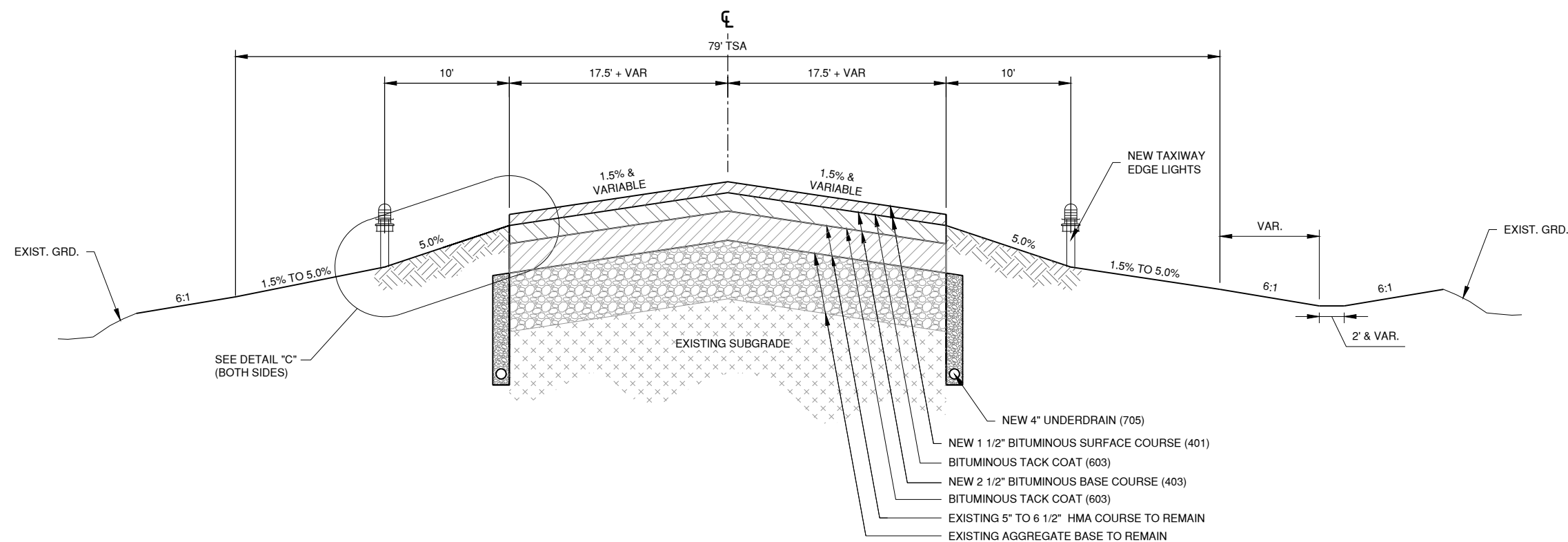


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TAYLORVILLE, IL

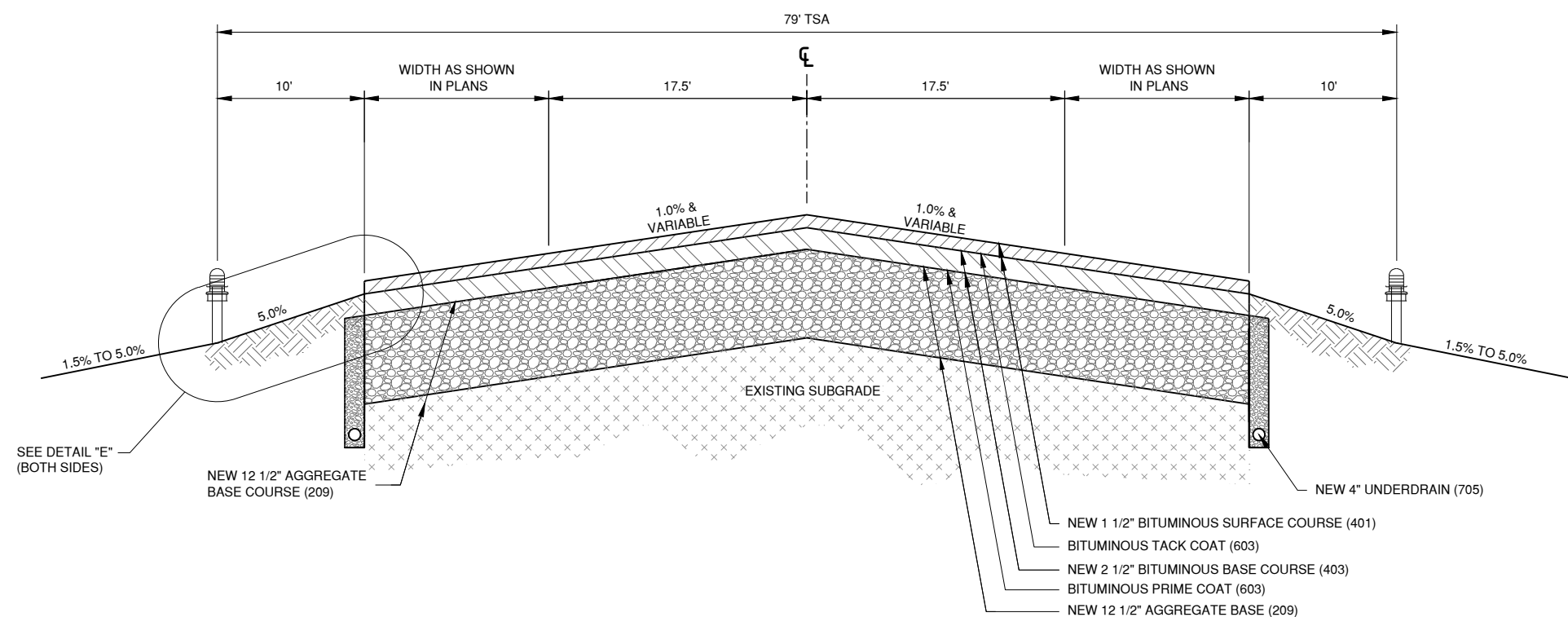
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TYPICAL SECTIONS 1

SHEET 18 OF 47



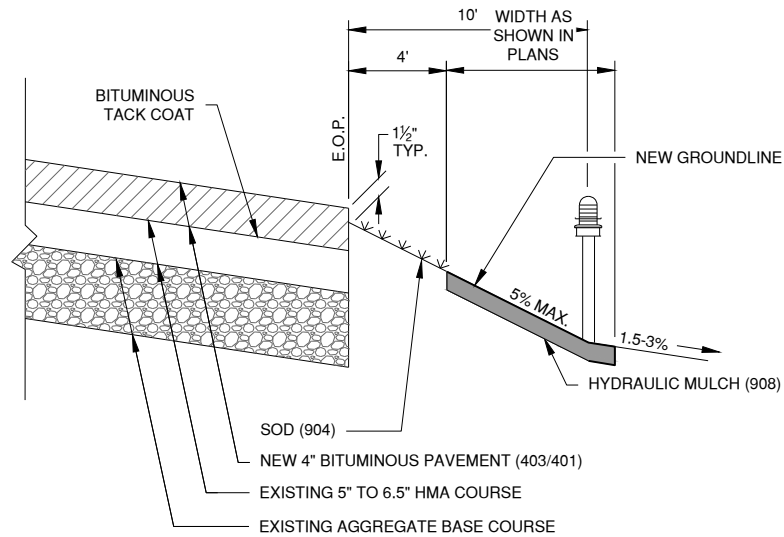
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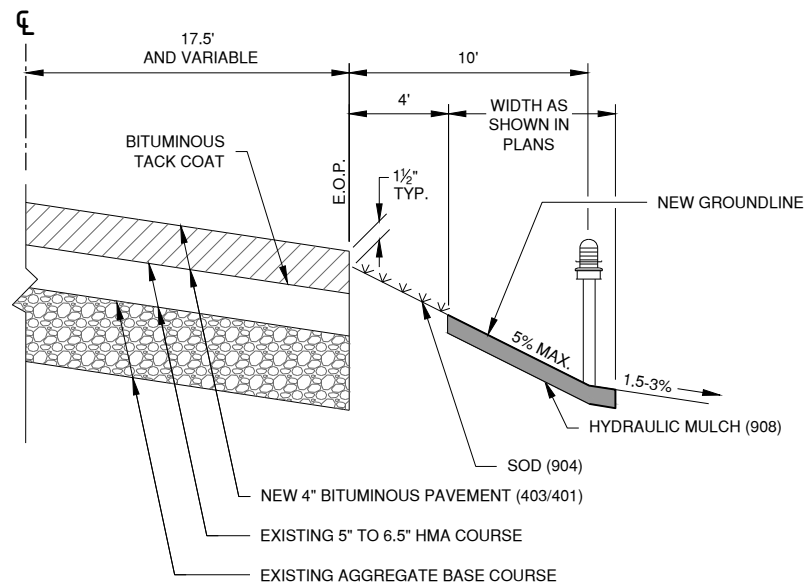
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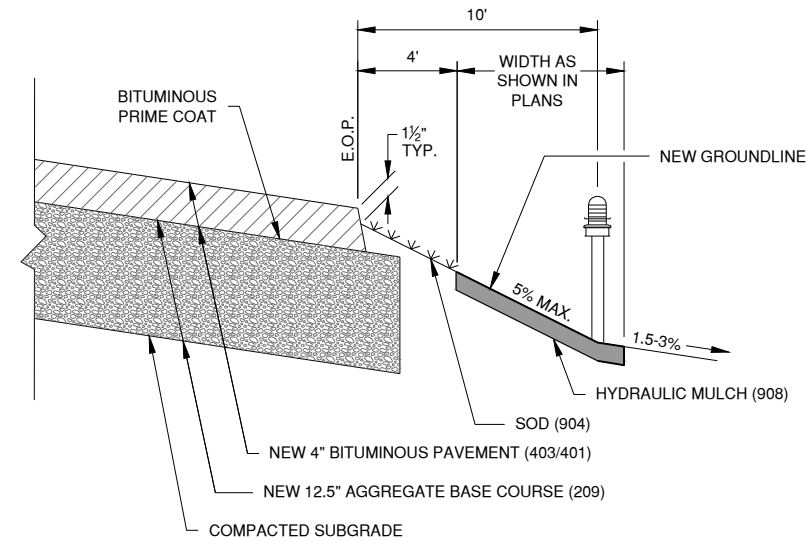
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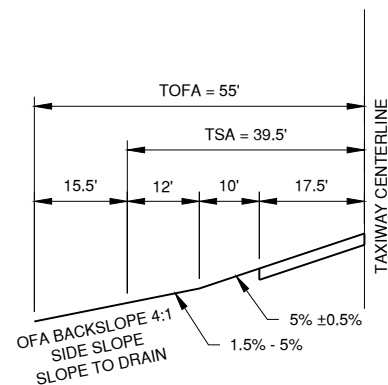
C NEW SHOULDER DETAIL C
N.T.S.



D NEW SHOULDER DETAIL D
N.T.S.



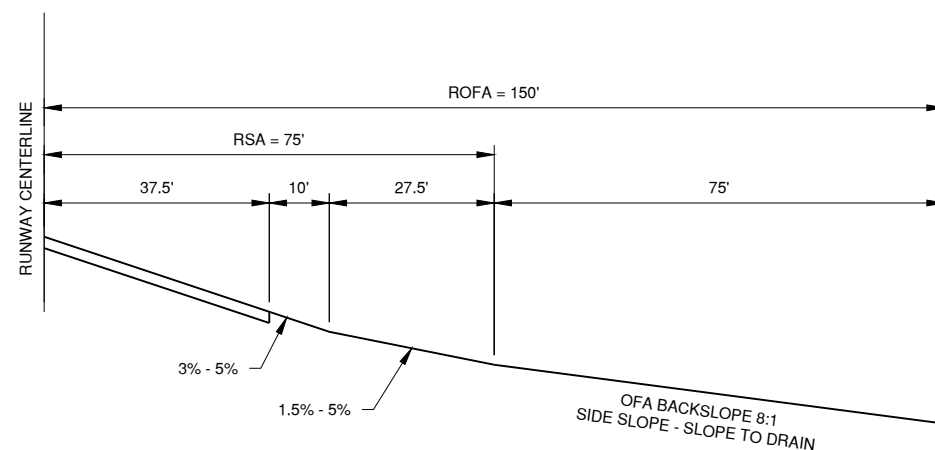
E NEW SHOULDER DETAIL E
N.T.S.



F TAXIWAY SAFETY AREA & OBJECT FREE AREA GRADING
N.T.S.

TSA = 79'
TOFA = 110'
TDG = 2A
TAXIWAY WIDTH = 35'

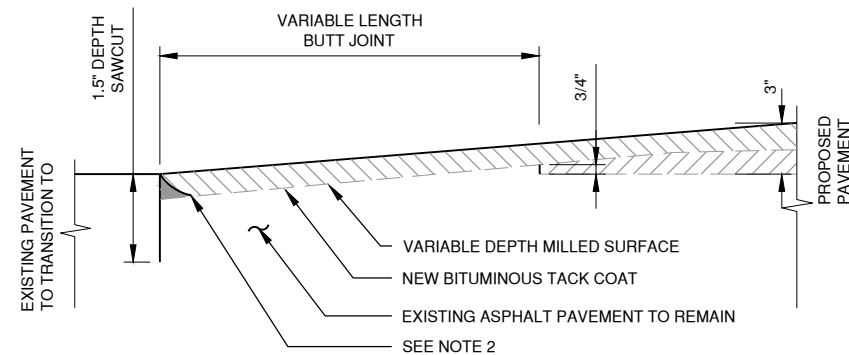
APPROXIMATE LOCATION:
TXY A STA. 268+50 TO STA. 270+00



G RUNWAY SAFETY AREA & OBJECT FREE AREA GRADING
N.T.S.

RSA = 150'
ROFA = 300'
AAC = B
ADG = II
RUNWAY WIDTH = 75'

APPROXIMATE LOCATION:
RWY 18/36 STA. 168+50 TO STA. 170+00



LEGEND:

- 1ST LIFT OF HMA ON TACK COAT
- 2ND LIFT OF HMA ON TACK COAT

NOTES:

- VARIABLE DEPTH MILLING FOR BUTT JOINT SHALL BE PAID FOR UNDER AR401655. TACK COAT, BITUMINOUS SURFACE COURSE, AND CRACK REPAIR SHALL BE PAID FOR SEPARATELY UNDER THEIR RESPECTIVE PAY ITEMS.
- CONTRACTOR SHALL SAW AND CHISEL ANY REMAINING ASPHALT NOT REMOVED BY THE MILL TO ACHIEVE A CLEAN, VERTICAL FACE TO THE SAWCUT.

H BUTT JOINT DETAIL
N.T.S.



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REHABILITATE TAXIWAY A,
PHASE 2

OWNER



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TAYLORVILLE, IL

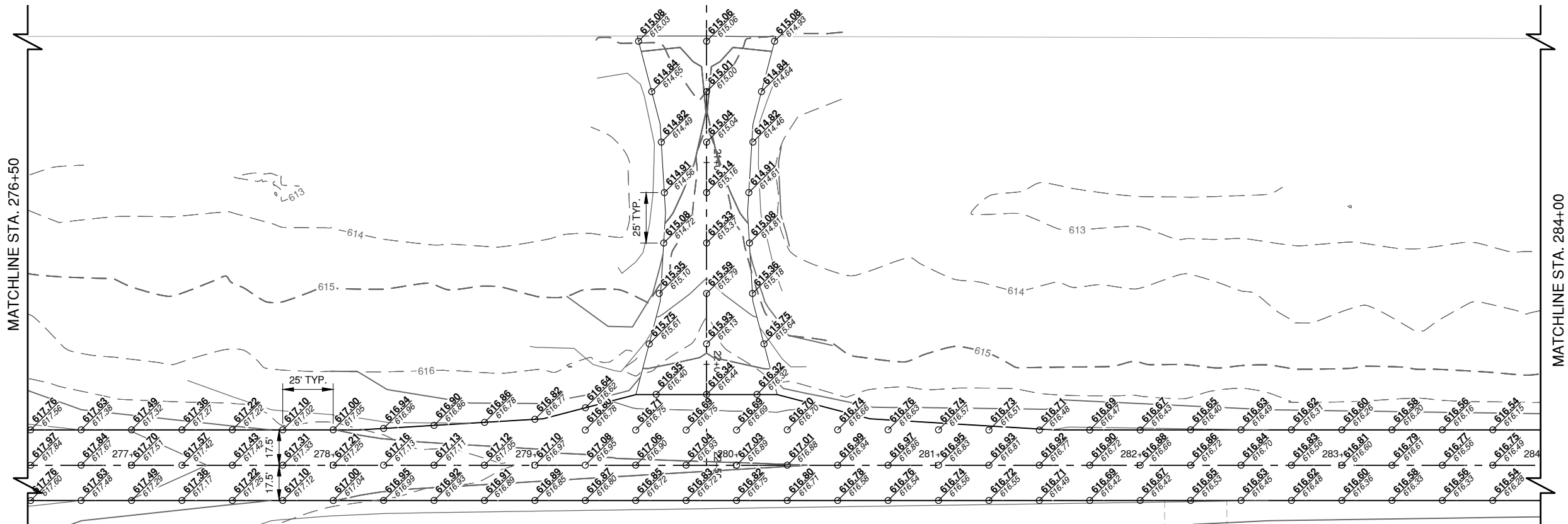
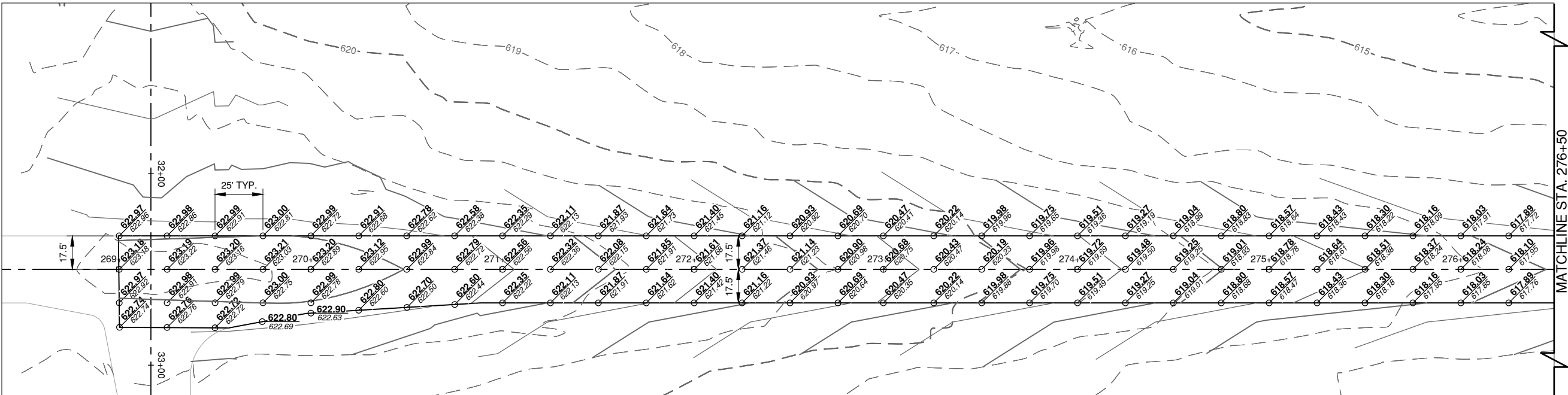
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TYPICAL SECTIONS 2

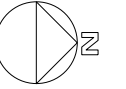
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STAKING PLAN 1

CS101
SHEET 20 OF 47

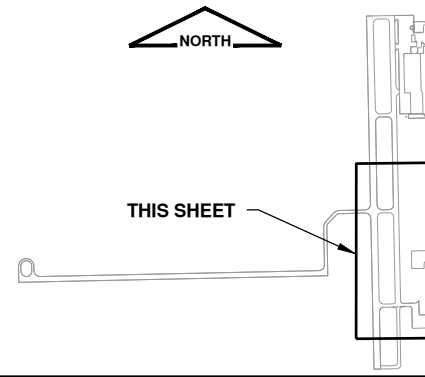
NOTES

- MATCH EXISTING ELEVATIONS WHERE SHOWN ON THE PLANS.
- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS SHOWN AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

LEGEND

- NEW ELEVATION
EXISTING ELEVATION
NEW CONTOUR
EXISTING CONTOUR

KEYMAP





MATCHLINE STA. 284+00

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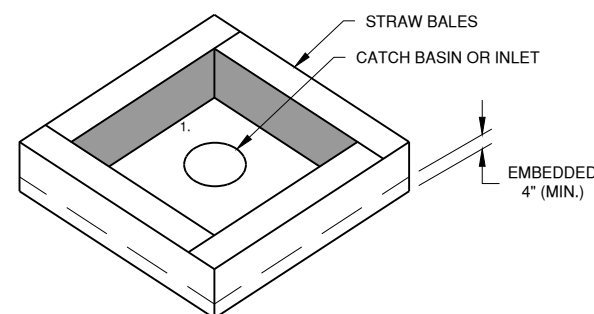
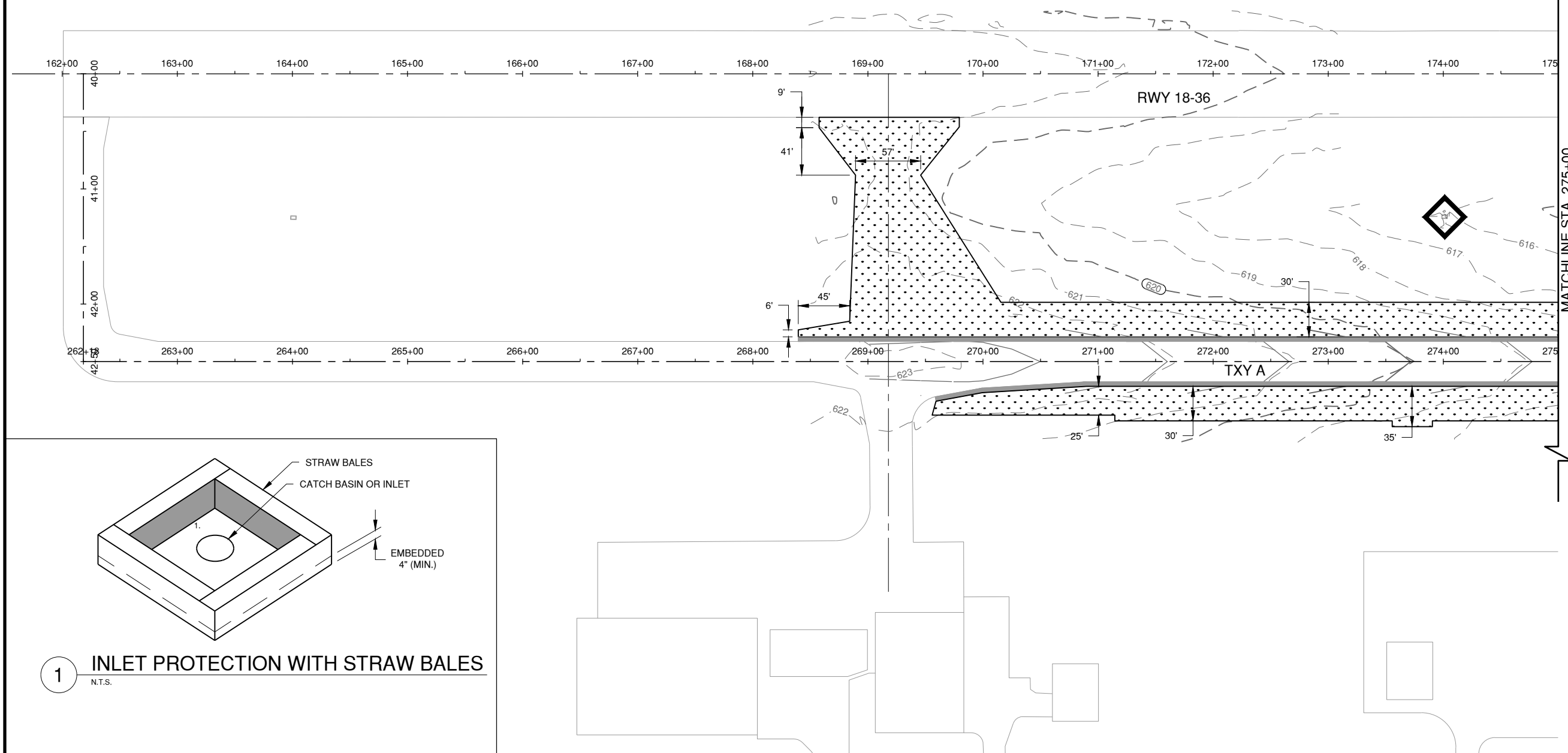
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IL PROJECT: TAZ-5080	CONTRACT: TA0050
CMT PROJECT NO: 200050-01	
CAD DWG FILE: TAZ-5080-CL100.DWG	
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DRAWN BY:	DPA
CHECKED BY:	CBG
APPROVED BY:	CBG
COPYRIGHT:	

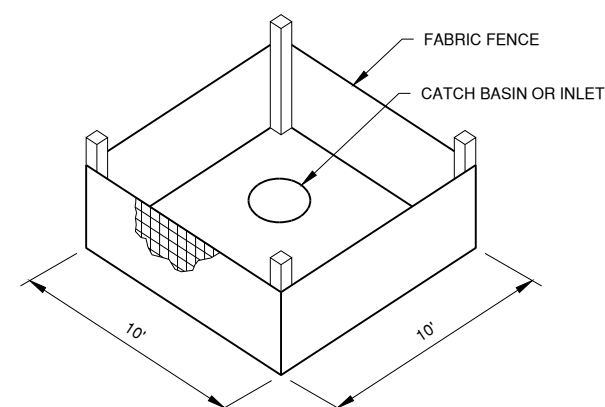
SHEET TITLE

EROSION CONTROL
PLAN 1

SHEET 22 OF 47



1 INLET PROTECTION WITH STRAW BALES



2 INLET PROTECTION WITH FABRIC

NOTES

LEGEND



SOD (4' TYPICAL WIDTH)



ESTABLISH TURF (SEED, MULCH AND FERTILIZER)



INLET PROTECTION



PROPOSED CONTOURS



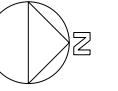
EXISTING CONTOURS

KEYMAP



THIS SHEET

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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD

IL PROJECT: TAZ-5080 CONTRACT: TA009

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-5080-CL100.DWG

DESIGNED BY: APS

DRAWN BY: DPA

CHECKED BY: CBG

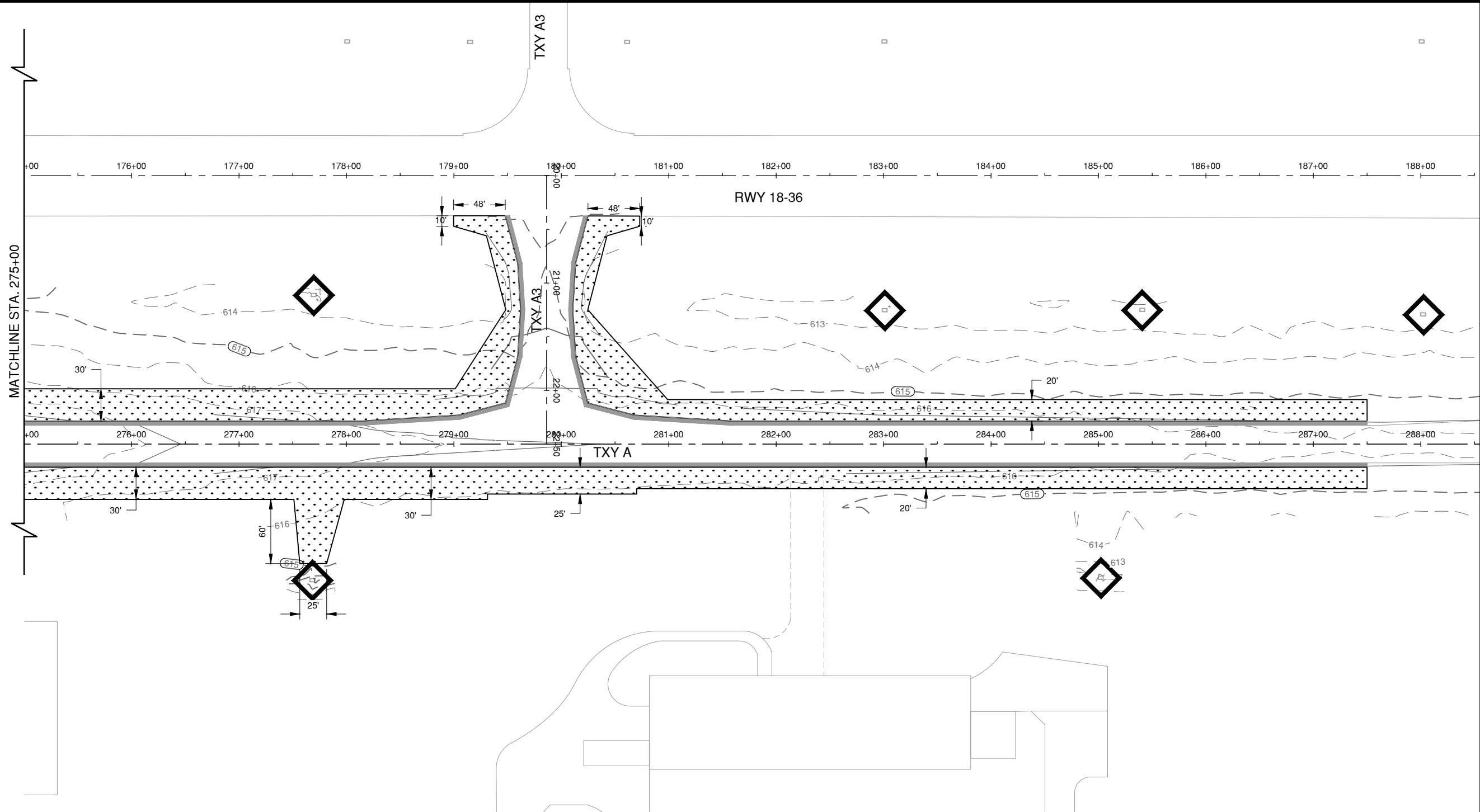
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EROSION CONTROL PLAN 2

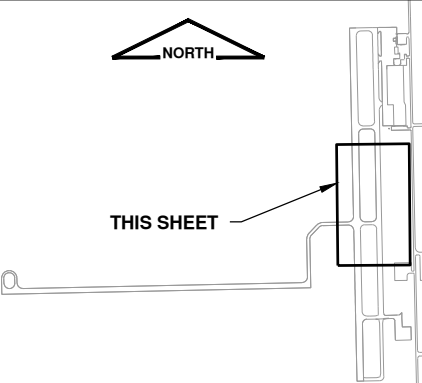
SHEET 23 OF 47



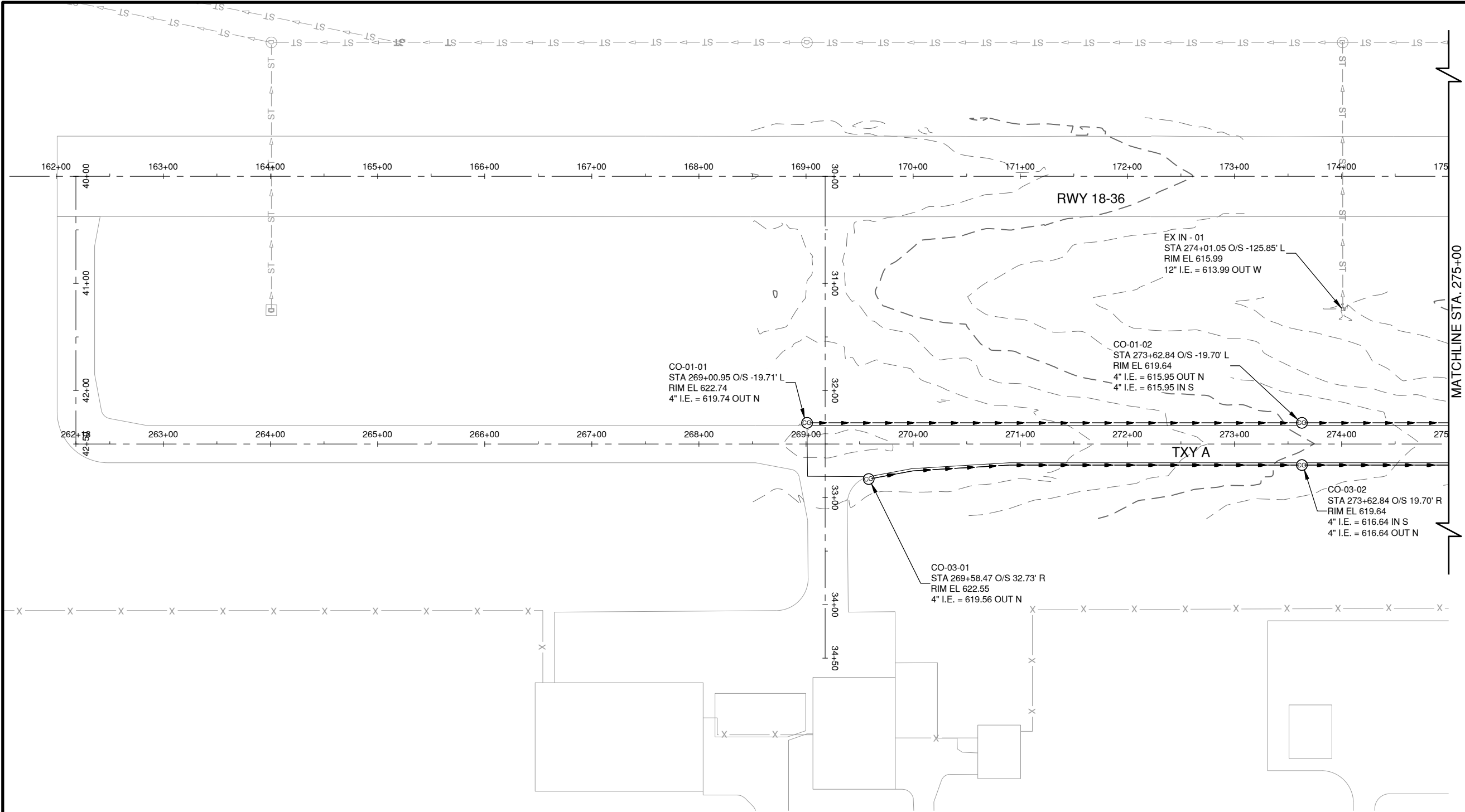
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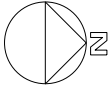


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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD	
IL PROJECT: TAZ-5080	CONTRACT: TA009
CMT PROJECT NO: 200050-01	
CAD DWG FILE:	TAZ-5080-CU100.DWG
DESIGNED BY:	APS
DRAWN BY:	DPA
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SHEET TITLE
**GRADING &
DRAINAGE PLAN 1**

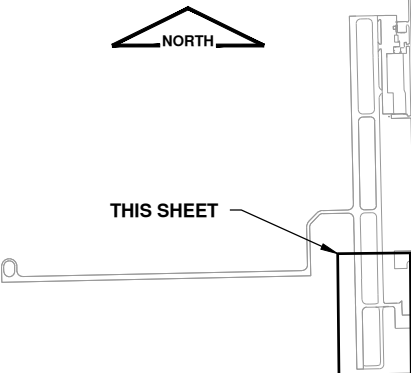
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SHEET 24 OF 47

NOTES

LEGEND

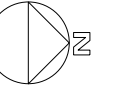
- NEW UNDERDRAIN PIPE, PERFORATED UNLESS NOTED
- EXISTING STORM SEWER PIPE
- EXISTING CATCH BASIN
- NEW CLEAN OUT TYPE 1 OR TYPE 2 (CO)
- NEW COLLECTION STRUCTURE (CS)
- DIRECT CONNECTION (DC)

KEYMAP



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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD

IL PROJECT: TAZ-5080	CONTRACT: TA009
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CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ 5000 Q1400 DWG

CAD DWG FILE: IAZ-5080-CUT00.DWG

DESIGNED BY: APS

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1. *Journal of Management Studies*, 1997, 34, 1, 1-14.

SHEET TITLE

GRADING

GRADING &

DRAINAGE PLANS

DRAINAGE PLAN 2

10. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

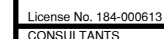
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CH 400

CU102

25 47

SHEET 29 OF 47



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REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

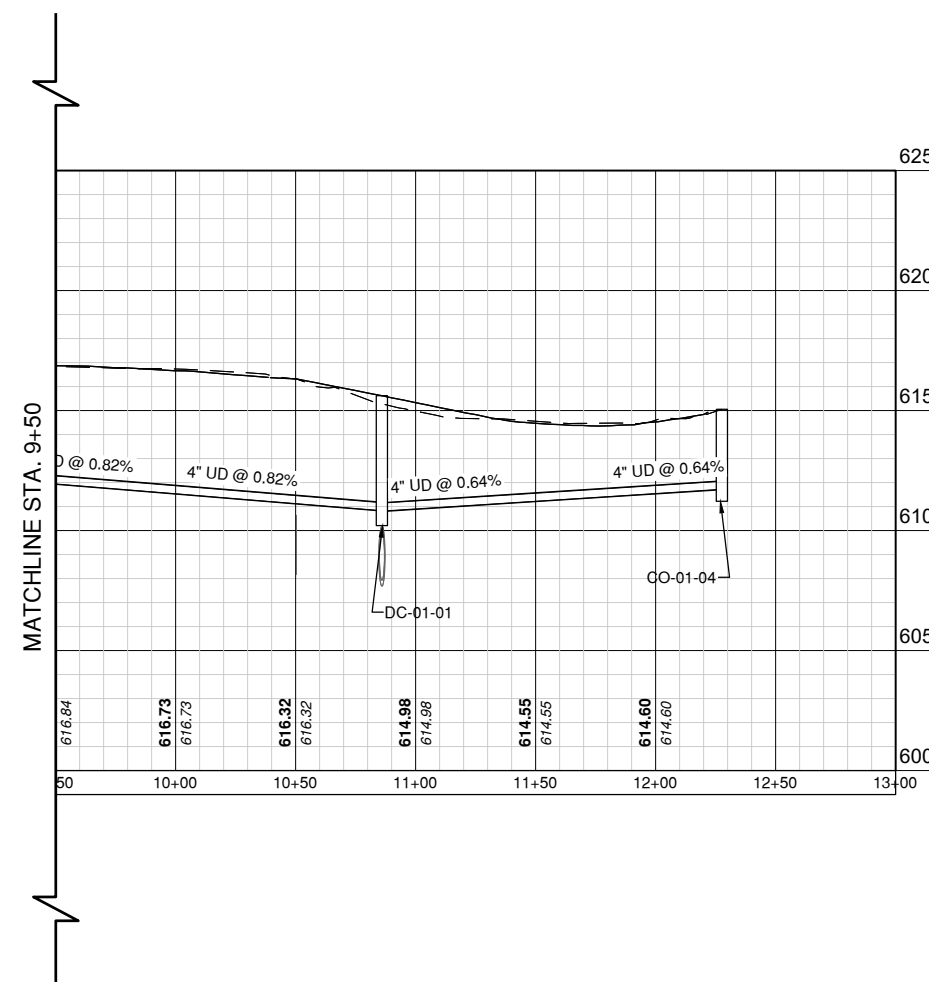
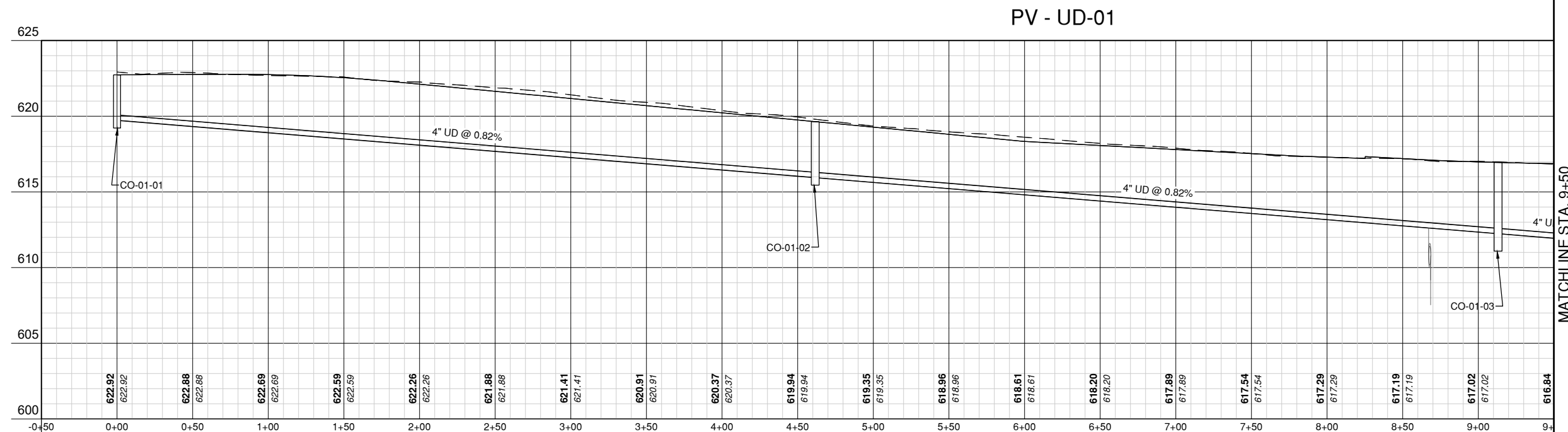
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SHEET TITLE

UNDERDRAIN
PROFILE 1

CU201

SHEET 26 OF 47



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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



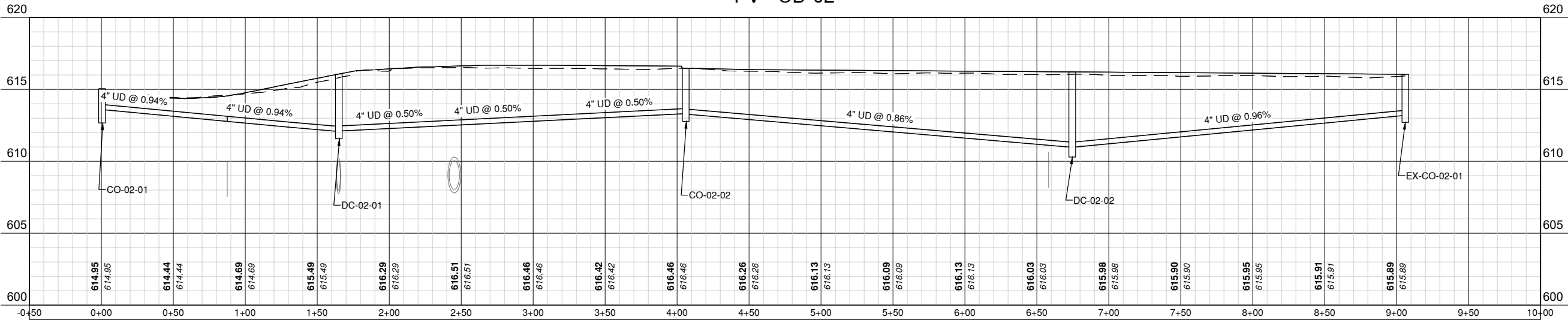
CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

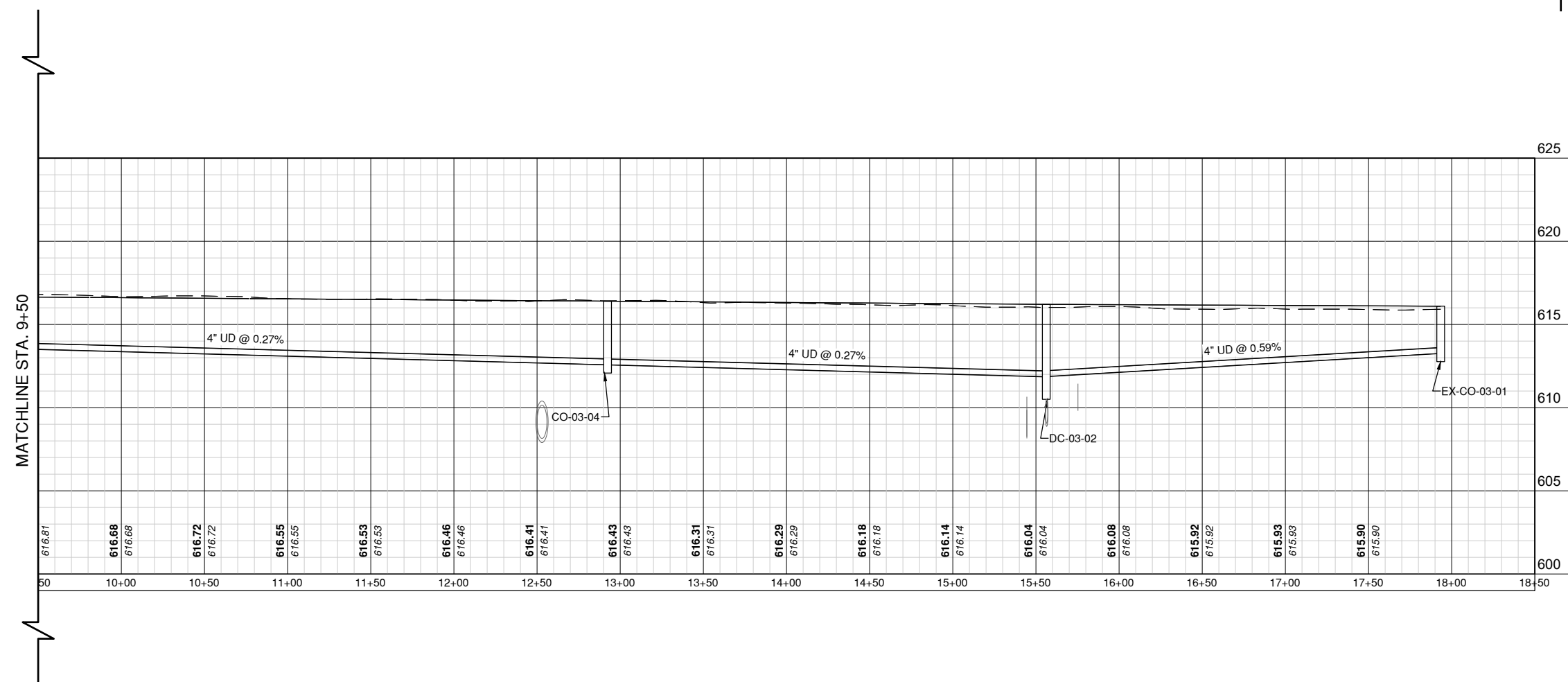
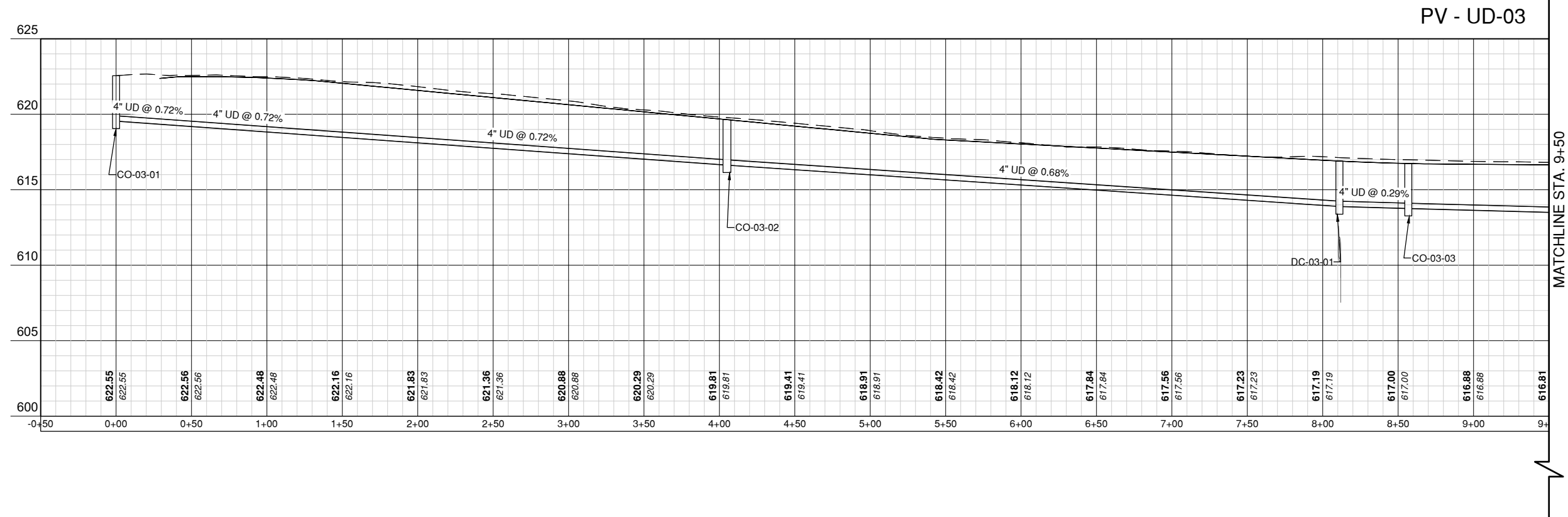
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IL PROJECT: TAZ-5080		CONTRACT: TA009
CMT PROJECT NO: 200050-01		
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DESIGNED BY: APS		
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CHECKED BY: CBG		
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SHEET TITLE
UNDERDRAIN
PROFILE 2

CU202
SHEET 27 OF 47

PV - UD-02





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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MAR	DATE	DESCRIPTION
AIP PROJECT: 3-17-SBGP-184/197/TBD		
IL PROJECT: TAZ-5080		CONTRACT: TA009
CMT PROJECT NO: 200050-01		
CAD DWG FILE:	TAZ-5080-CU200.DWG	
DESIGNED BY:	APS	
DRAWN BY:	DPA	
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SHEET TITLE

UNDERDRAIN PROFILE 3

CU203

SHEET 28 OF 47

Path: K:\Taylorville\A\20005001_L_Taxway\A\PI\2Draw\Sheets\TAZ-5080-CU200.dwg
Date: Friday, June 27, 2025 8:37:03 AM

STRUCTURE TABLE TWY A - STORM AND UD - PH2		
STRUCTURE NAME AND TYPE	STRUCTURE DETAILS	HORIZONTAL CONTROL
CO-01-01	RIM = 622.74 SUMP = 619.72 01-01 INV OUT = 619.74	TWY A STA 269+00.95 OFFSET -19.71 L
CO-01-02	RIM = 619.64 SUMP = 615.95 01-01 INV IN = 615.95 01-02 INV OUT = 615.95	TWY A STA 273+62.84 OFFSET -19.70 L
CO-01-03	RIM = 616.95 SUMP = 611.59 01-02 INV IN = 612.25 01-03 INV OUT = 612.25	TWY A STA 278+14.30 OFFSET -19.70 L
CO-01-04	RIM = 615.05 SUMP = 611.72 01-08 INV OUT = 611.72	TWY A STA 279+50.24 OFFSET -210.76 L
CO-02-01	RIM = 615.05 SUMP = 613.16 02-01 INV OUT = 613.60	TWY A STA 280+22.58 OFFSET -210.55 L
CO-02-02	RIM = 616.48 SUMP = 613.27 02-08 INV OUT = 613.32 02-09 INV OUT = 613.29	TWY A STA 282+50.00 OFFSET -19.70 L
CO-03-01	RIM = 622.55 SUMP = 619.56 03-01 INV OUT = 619.56	TWY A STA 269+58.47 OFFSET 32.73 R
CO-03-02	RIM = 619.64 SUMP = 616.64 03-03 INV IN = 616.64 03-04 INV OUT = 616.64	TWY A STA 273+62.84 OFFSET 19.70 R
CO-03-03	RIM = 616.74 SUMP = 613.76 03-05 INV IN = 613.76 03-06 INV OUT = 613.76	TWY A STA 278+14.29 OFFSET 19.70 R
CO-03-04	RIM = 616.40 SUMP = 612.58 03-06 INV IN = 612.58 03-07 INV OUT = 612.58	TWY A STA 282+50.00 OFFSET 19.71 R
DC-01-01	RIM = 615.62 SUMP = 610.71 01-05 INV IN = 610.83 01-06 INV IN = 610.81	TWY A STA 279+58.52 OFFSET -70.88 L
DC-02-01	RIM = 616.07 SUMP = 612.06 02-04 INV IN = 612.08 02-05 INV IN = 612.11	TWY A STA 280+19.93 OFFSET -48.63 L
DC-02-02	RIM = 616.21 SUMP = 610.79 02-10 INV IN = 610.98 02-09 INV IN = 610.98	TWY A STA 285+18.56 OFFSET -19.70 L
DC-03-01	RIM = 616.90 SUMP = 613.88 03-04 INV IN = 613.90 03-05 INV OUT = 613.90	TWY A STA 277+68.67 OFFSET 19.70 R
DC-03-02	RIM = 616.21 SUMP = 611.00 03-06 INV IN = 611.88 03-07 INV IN = 611.86	TWY A STA 285+13.84 OFFSET 19.72 R
EX-CO-02-01	RIM = 616.04 SUMP = 613.20 02-10 INV OUT = 613.20	TWY A STA 287+50.00 OFFSET -19.70 L
EX-CO-03-01	RIM = 616.10 SUMP = 613.27 03-08 INV OUT = 613.27	TWY A STA 287+51.00 OFFSET 18.50 R
EX IN-02	RIM = 613.06 SUMP = 607.24 EX - 04 INV IN = 607.77 EX - 02 INV IN = 609.35 EX - 03 INV OUT = 607.24	TWY A STA 277+69.48 OFFSET -138.83 L
EX IN-07	RIM = 613.10 SUMP = 611.16 EX - 02 INV OUT = 611.16	TWY A STA 277+68.12 OFFSET 126.75 R
EX IN-08	RIM = 611.85 SUMP = 608.40 EX-05 INV IN = 608.43 EX - 06 INV IN = 608.50 EX - 04 INV OUT = 608.40	TWY A STA 285+02.14 OFFSET 124.48 R

STRUCTURE TABLE TWY A - STORM AND UD - PH2		
STRUCTURE NAME AND TYPE	STRUCTURE DETAILS	HORIZONTAL CONTROL
EX IN - 01	RIM = 615.99 SUMP = 613.99 EX - 01 INV OUT = 613.99	TWY A STA 274+01.05 OFFSET -125.85 L
EX IN - 03	RIM = 612.34 SUMP = 610.39 EX -07 INV OUT = 610.39	TWY A STA 283+00.98 OFFSET -124.67 L
NULL-01-01	RIM = 611.87 SUMP = ??? 01-03 INV IN = 611.50 01-04 INV OUT = 611.50	TWY A STA 279+04.87 OFFSET -25.13 L
NULL-01-02	RIM = 611.49 SUMP = ??? 01-04 INV IN = 611.12 01-05 INV OUT = 611.12	TWY A STA 279+49.70 OFFSET -36.37 L
NULL-01-03	RIM = 611.53 SUMP = ??? 01-07 INV IN = 611.16 01-06 INV OUT = 611.16	TWY A STA 279+63.90 OFFSET -125.22 L
NULL-01-04	RIM = 611.81 SUMP = ??? 01-08 INV IN = 611.44 01-07 INV OUT = 611.44	TWY A STA 279+61.24 OFFSET -168.87 L
NULL-02-01	RIM = 613.56 SUMP = ??? 02-01 INV IN = 613.19 02-02 INV OUT = 613.19	TWY A STA 280+11.56 OFFSET -168.44 L
NULL-02-02	RIM = 614.54 SUMP = 612.78 02-02 INV IN = 612.78 02-03 INV OUT = 612.78	TWY A STA 280+08.98 OFFSET -125.06 L
NULL-02-03	RIM = 612.74 SUMP = ??? 02-03 INV IN = 612.37 02-04 INV OUT = 612.37	TWY A STA 280+11.59 OFFSET -81.49 L
NULL-02-04	RIM = 612.54 SUMP = ??? 02-06 INV IN = 612.17 02-05 INV OUT = 612.17	TWY A STA 280+23.08 OFFSET -36.46 L
NULL-02-05	RIM = 612.77 SUMP = ??? 02-07 INV IN = 612.40 02-06 INV OUT = 612.40	TWY A STA 280+67.57 OFFSET -25.20 L
NULL-02-06	RIM = 613.23 SUMP = ??? 02-06 INV IN = 612.86 02-07 INV OUT = 612.86	TWY A STA 281+58.44 OFFSET -19.70 L
NULL-03-01	RIM = 619.63 SUMP = ??? 03-01 INV IN = 619.26 03-02 INV OUT = 619.26	TWY A STA 269+99.25 OFFSET 25.16 R
NULL-03-02	RIM = 618.97 SUMP = ??? 03-02 INV IN = 618.60 03-03 INV OUT = 618.60	TWY A STA 270+89.98 OFFSET 19.70 R

PIPE SCHEDULE TWY A - STORM AND UD - PH2							
PIPE	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	INVERT	INVERT	LENGTH (FT)	SLOPE	TYPE
EX-05		EX IN-08	610.00	608.43	252	0.59%	CONCRETE PIPE - 15"
EX -07	EX IN - 03		610.39	608.00	238	0.96%	CONCRETE PIPE - 12"
EX - 06		EX IN-08	608.41	608.50	38	-0.18%	CONCRETE PIPE - 24"
EX - 04	EX IN-08	EX IN-02	608.40	607.77	767	0.08%	CONCRETE PIPE - 24"
EX - 03	EX IN-02		607.24	606.05	226	0.50%	CONCRETE PIPE - 24"
EX - 02	EX IN-07	EX IN-02	611.16	609.35	254	0.68%	CONCRETE PIPE - 15"
EX - 01	EX IN - 01		613.99	612.12	237	0.75%	CONCRETE PIPE - 12"
01-08	CO-01-04	NULL-01-04	611.72	611.44	31	0.64%	PVC PIPE - 4"
01-07	NULL-01-04	NULL-01-03	611.44	611.16	32	0.64%	PVC PIPE - 4"
01-06	NULL-01-03	DC-01-01	611.16	610.81	43	0.64%	PVC PIPE - 4"
01-05	NULL-01-02	DC-01-01	611.12	610.83	24	0.82%	PVC PIPE - 4"
01-04	NULL-01-01	NULL-01-02	611.50	611.12	34	0.82%	PVC PIPE - 4"
01-03	CO-01-03	NULL-01-01	612.25	611.50	79	0.82%	PVC PIPE - 4"
01-02	CO-01-02	CO-01-03	615.95	612.25	439	0.82%	PVC PIPE - 4"
01-01	CO-01-01	CO-01-02	619.74	615.95	450	0.82%	PVC PIPE - 4"
02-05	NULL-02-04	DC-02-01	612.17	612.11	1	0.50%	PVC PIPE - 4"
02-09	CO-02-02	DC-02-02	613.29	610.98	257	0.86%	PVC PIPE - 4"
02-03	NULL-02-02	NULL-02-03	612.78	612.37	32	0.94%	PVC PIPE - 4"
02-01	CO-02-01	NULL-02-01	613.60	613.19	32	0.94%	PVC PIPE - 4"
02-02	NULL-02-01	NULL-02-02	613.19	612.78	31	0.94%	PVC PIPE - 4"
02-04	NULL-02-03	DC-02-01	612.37	612.08	22	0.87%	PVC PIPE - 4"
02-06	NULL-02-05	NULL-02-04	612.40	612.17	34	0.50%	PVC PIPE - 4"
02-07	NULL-02-06	NULL-02-05	612.86	612.40	79	0.50%	PVC PIPE - 4"
02-08	CO-02-02	NULL-02-06	613.32	612.86	80	0.50%	PVC PIPE - 4"
02-10	EX-CO-02-01	DC-02-02	613.20	610.98	219	0.96%	PVC PIPE - 4"
03-06	CO-03-03	CO-03-04	613.76	612.58	424	0.27%	PVC PIPE - 4"
03-08	EX-CO-03-01	DC-03-02	613.27	611.88	225	0.59%	PVC PIPE - 4"
03-07	CO-03-04	DC-03-02	612.58	611.86	252	0.27%	PVC PIPE - 4"
03-05	DC-03-01	CO-03-03	613.90	613.76	34	0.29%	PVC PIPE - 4"
03-01	CO-03-01	NULL-03-01	619.56	619.26	29	0.72%	PVC PIPE - 4"
03-02	NULL-03-01	NULL-03-02	619.26	618.60	79	0.72%	PVC PIPE - 4"
03-03	NULL-03-02	CO-03-02	618.60	616.64	261	0.72%	PVC PIPE - 4"
03-04	CO-03-02	DC-03-01	616.64	613.90	394	0.68%	PVC PIPE - 4"



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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



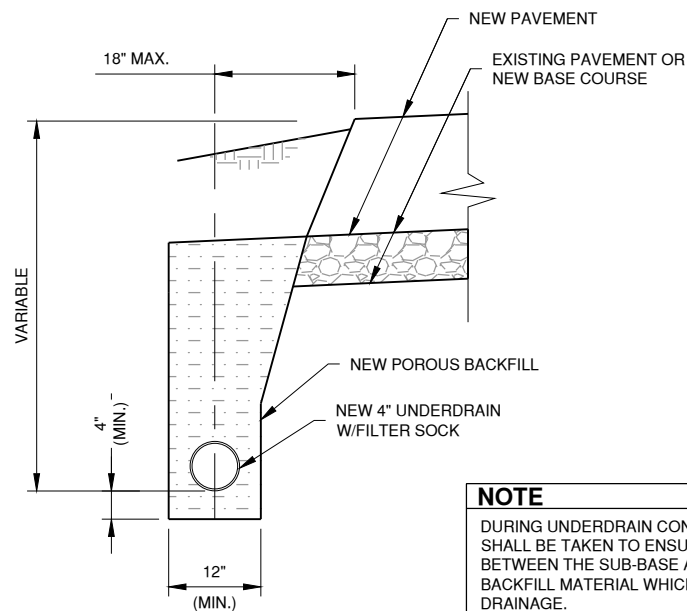
CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION
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IL PROJECT: TAZ-5080		CONTRACT: TA009
CMT PROJECT NO: 200050-01		
CAD DWG FILE:		TAZ-5080-CU200.DWG
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SHEET TITLE

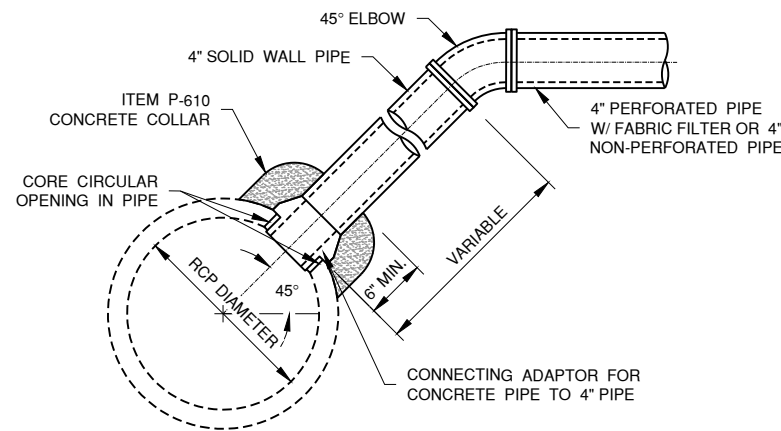
UNDERDRAIN
STRUCTURE AND
PIPE SCHEDULE

CU204
SHEET 29 OF 47



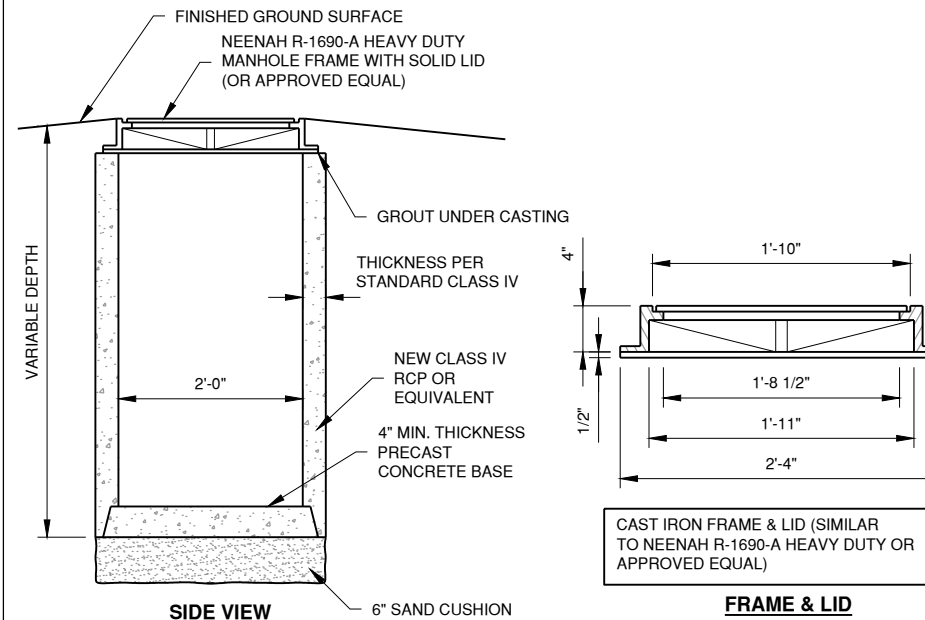
NOTE
DURING UNDERDRAIN CONSTRUCTION, CARE SHALL BE TAKEN TO ENSURE GOOD DRAINAGE BETWEEN THE SUB-BASE AND THE POROUS BACKFILL MATERIAL WHICH WILL AFFECT DRAINAGE.

1 UNDERDRAIN PAVEMENT EDGE
N.T.S.

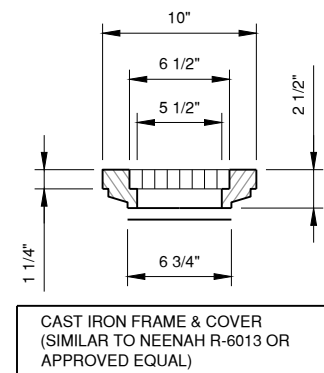


NOTE
ANGLE MEASURED FROM HORIZONTAL

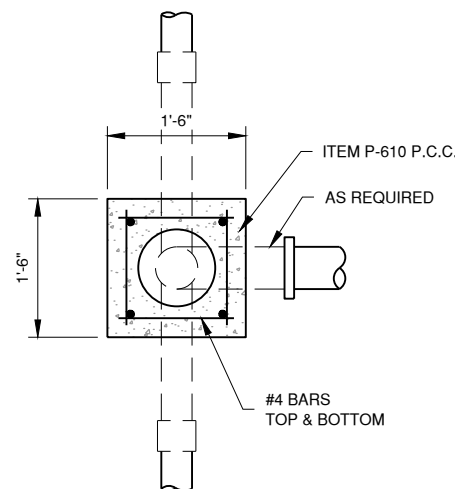
2 UNDERDRAIN DIRECT CONNECTION
N.T.S.



3 UNDERDRAIN COLLECTION STRUCTURE
N.T.S.

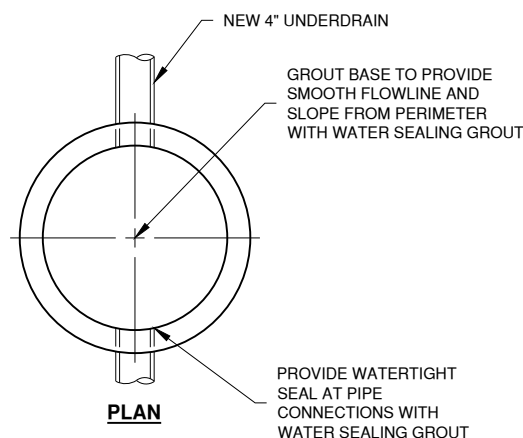


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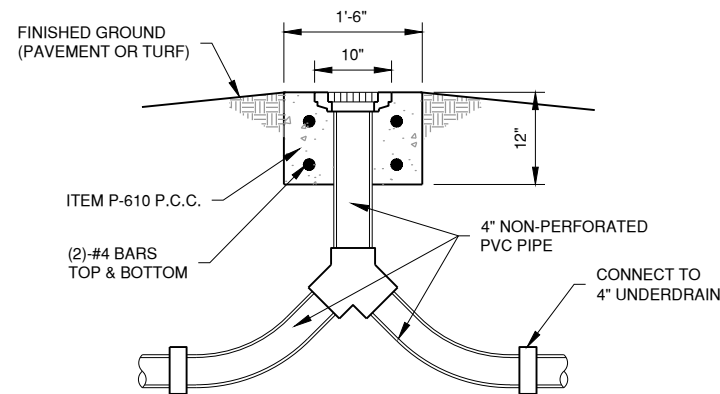


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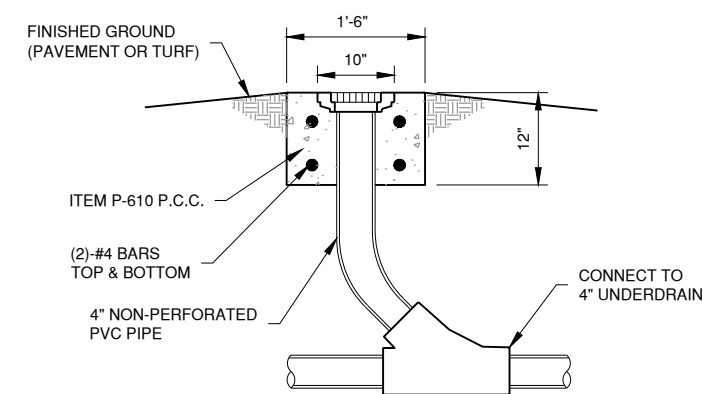
5 UNDERDRAIN CLEANOUT
N.T.S.



6 UNDERDRAIN CLEANOUT TYPE 1
N.T.S.



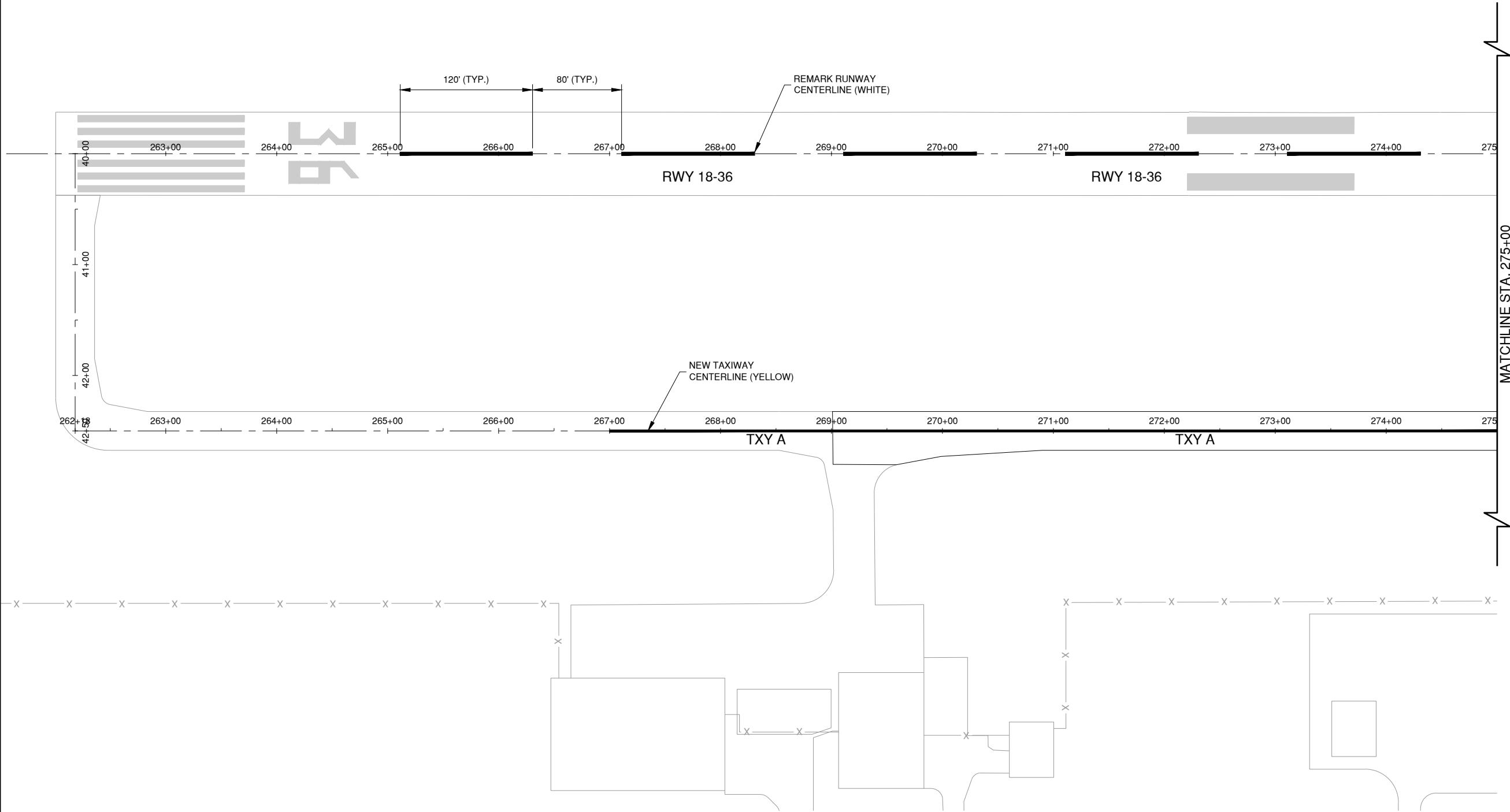
7 UNDERDRAIN CLEANOUT TYPE 2
N.T.S.



8 UNDERDRAIN CLEANOUT TYPE 3
N.T.S.

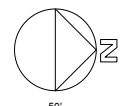


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CONSULTANTS



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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD	
IL PROJECT: TAZ-5080	CONTRACT: TA009
CMT PROJECT NO: 200050-01	
CAD DWG FILE:	TAZ-5080-CM100.DWG
DESIGNED BY:	APS
DRAWN BY:	DPA
CHECKED BY:	CBG
APPROVED BY:	CBG
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SHEET TITLE
**PAVEMENT MARKING
PLAN 1**

CM101
SHEET 31 OF 47

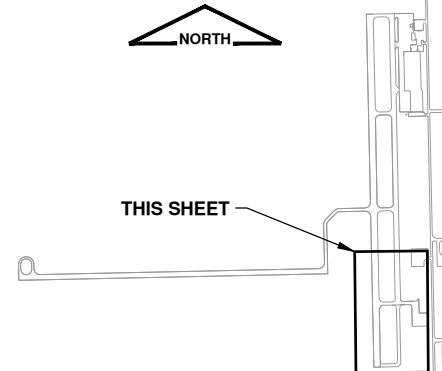
NOTES

- PAINT SHALL BE APPLIED IN TWO COATS.
- GLASS BEADS SHALL BE APPLIED TO WHITE, YELLOW, AND RED PAINT AT THE DIFFERENT RATES SPECIFIED IN P-620.
- BLACK PAINT SHALL NOT RECEIVE GLASS BEADS.
- PAVEMENT MARKING DETAILS ARE FOUND ON SHEET CM501.
- RUNWAY CENTERLINE MARKING IS BEING REMARKED PER EXISTING LAYOUT. DIMENSIONS SHOWN ARE BASED ON AVAILABLE DATA AND MAY VARY

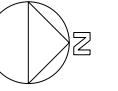
LEGEND

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

KEYMAP



CONSULTANTS



0 50' 100'

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

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A, PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

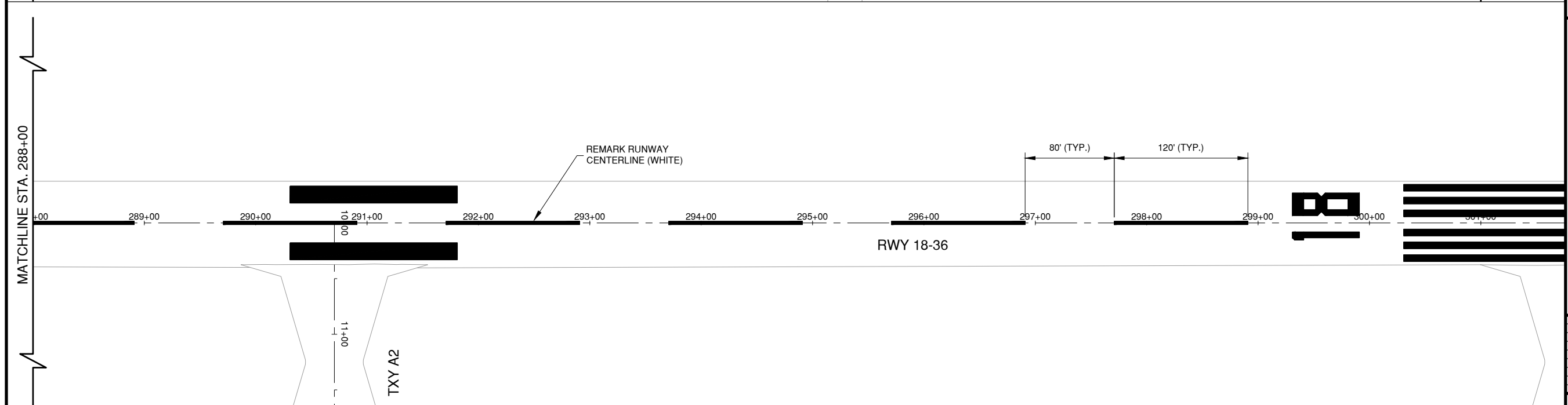
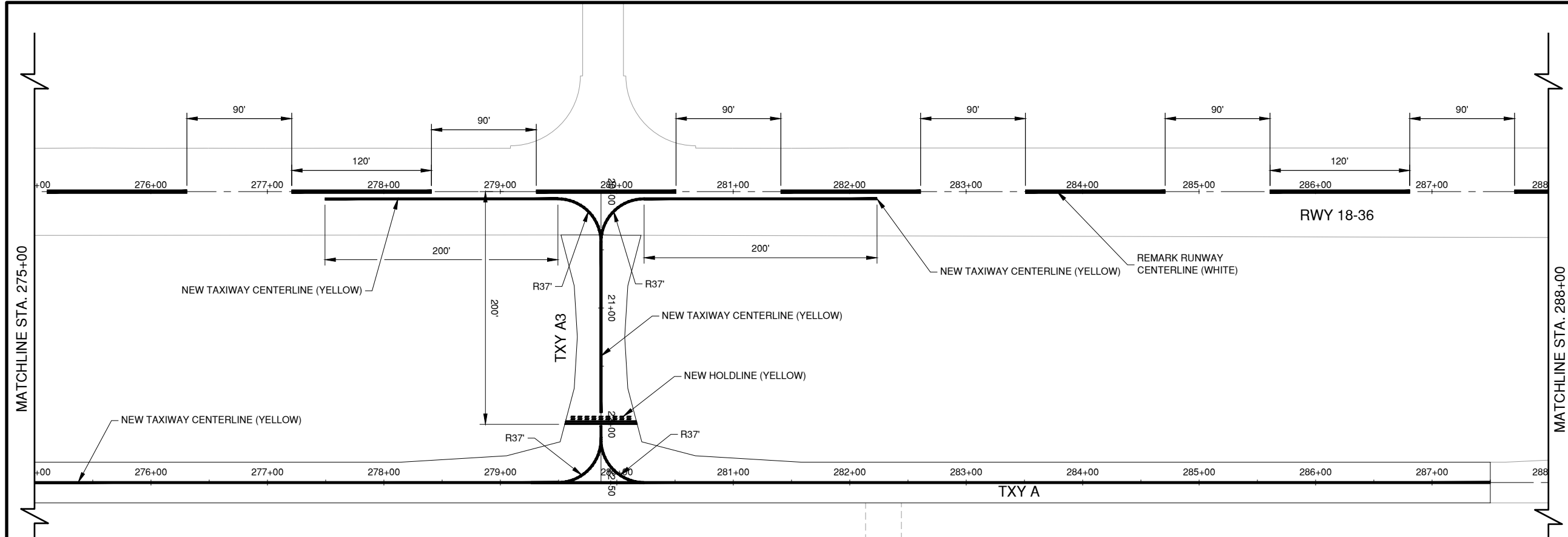
AIP PROJECT: 3-17-SBGP-184/197/TBD	
IL PROJECT: TAZ-5080	CONTRACT: TA009
CMT PROJECT NO: 200050-01	
CAD DWG FILE: TAZ-5080-CM100.DWG	
DESIGNED BY:	APS
DRAWN BY:	DPA
CHECKED BY:	CBG
APPROVED BY:	CBG
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SHEET TITLE

PAVEMENT MARKING
PLAN 2

CM102





SHEET 32 OF 47



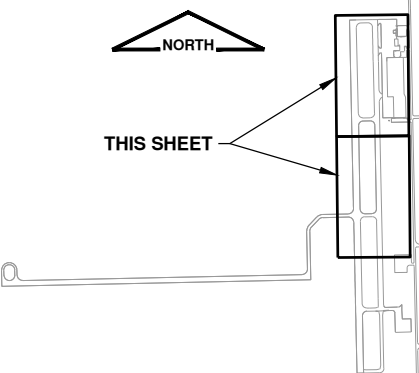
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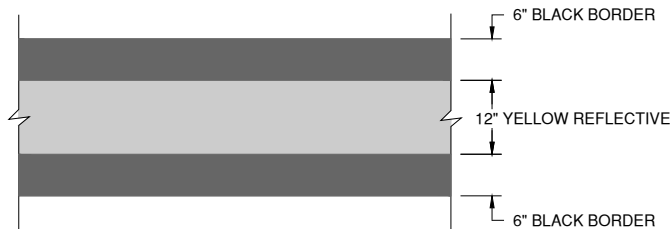
1. PAINT SHALL BE APPLIED IN TWO COATS.
2. GLASS BEADS SHALL BE APPLIED TO WHITE, YELLOW, AND RED PAINT AT THE DIFFERENT RATES SPECIFIED IN P-620.
3. BLACK PAINT SHALL NOT RECEIVE GLASS BEADS.
4. PAVEMENT MARKING DETAILS ARE FOUND ON SHEET CM501.
5. RUNWAY CENTERLINE MARKING IS BEING REMARKED PER EXISTING LAYOUT. DIMENSIONS SHOWN ARE BASED ON AVAILABLE DATA AND MAY VARY

LEGEND

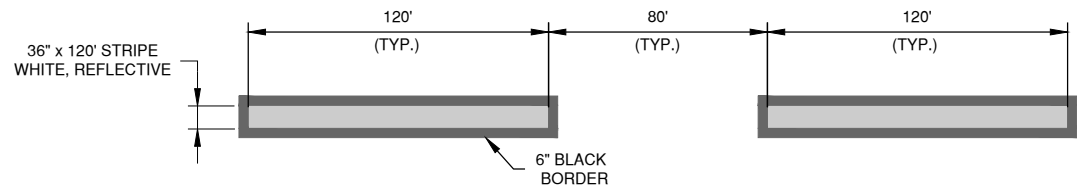
- | | |
|---|---|
|  | PROPOSED TAXIWAY CENTERLINE MARKING
(YELLOW W/ BLACK BORDER) |
|  | PROPOSED HOLDING POSITION MARKING
(YELLOW W/ BLACK BORDER) |
|  | EXISTING MARKING |
|  | PROPOSED RUNWAY MARKING
(WHITE W/ BLACK BORDER) |

KEYMAP





1 TAXIWAY CENTERLINE
N.T.S.



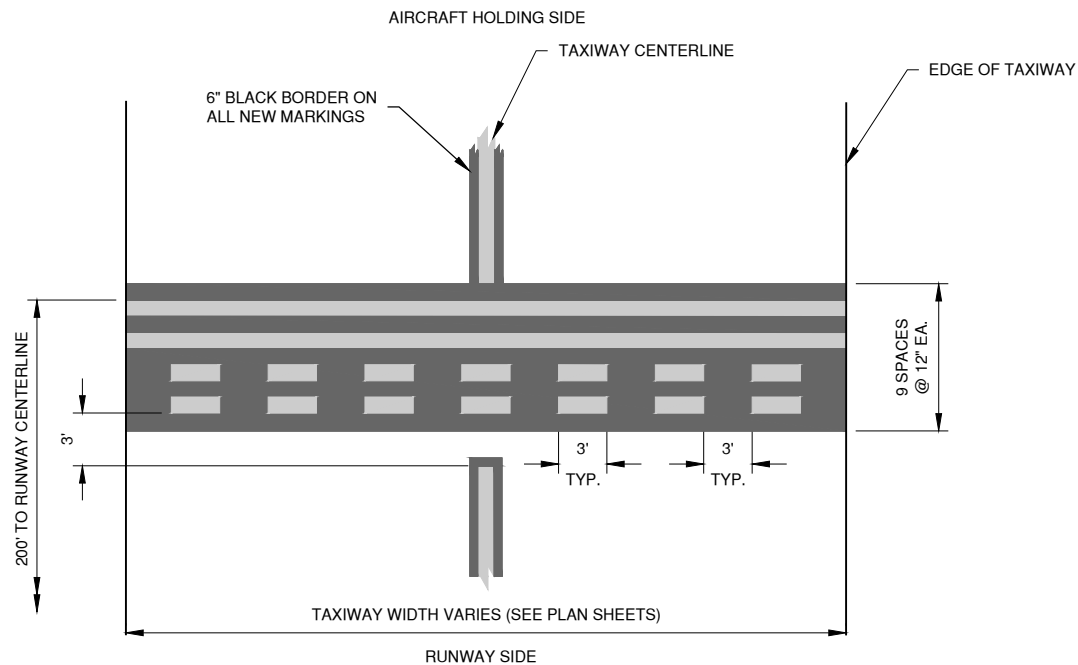
2 RUNWAY CENTERLINE, DASHED
N.T.S. (360 SF WHITE, 124 SF BLACK PER EACH FULL LENGTH DASH)

NOTES

1. THE DISTANCE BETWEEN STRIPES SHALL BE 80' OR AS NOTED ON THE PROPOSED MARKING SHEETS.
2. CENTERLINE STRIPES ARE CENTERED ABOUT THE RUNWAY CENTERLINE.

MARKING NOTE

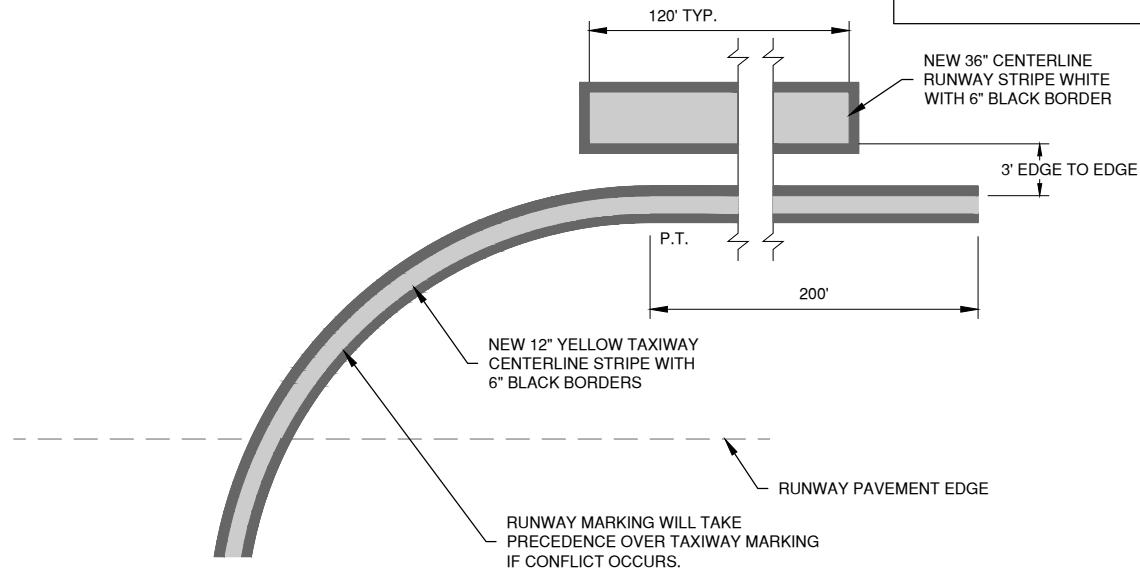
1. ALL NEW AIRFIELD PAVEMENT MARKING SHALL HAVE REFLECTIVE BEADS & 6" BLACK BORDER.
2. BLACK BORDER DOES NOT RECEIVE REFLECTIVE BEADS.



3 RUNWAY HOLDING POSITION
N.T.S.

MARKING NOTE

1. ALL NEW AIRFIELD PAVEMENT MARKING SHALL HAVE REFLECTIVE BEADS & 6" BLACK BORDER.
2. BLACK BORDER DOES NOT RECEIVE REFLECTIVE BEADS.



4 TAXIWAY CENTERLINE - TRANSITION TO RUNWAY
N.T.S.



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CONSULTANTS

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

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



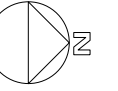
CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBG-184/197/TBD
IL PROJECT: TAZ-5080 CONTRACT: TA009
CMT PROJECT NO: 200050-01
CAD DWG FILE: TAZ-5080-CM500.DWG
DESIGNED BY: APS
DRAWN BY: DPA
CHECKED BY: CBG
APPROVED BY: CBG
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SHEET TITLE
PAVEMENT MARKING
DETAILS 1

CM501
SHEET 33 OF 47



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

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD

IL PROJECT: TAZ-5080	CONTRACT: TA009
----------------------	-----------------

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-5080-CE100.DWG

DESIGNED BY: APS

DRAWN BY: DPA

CHECKED BY: CBG

APPROVED BY: CRG

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SHEET TITLE

ELECTRICAL LAYOUT

ELECTRICAL LAYOUT

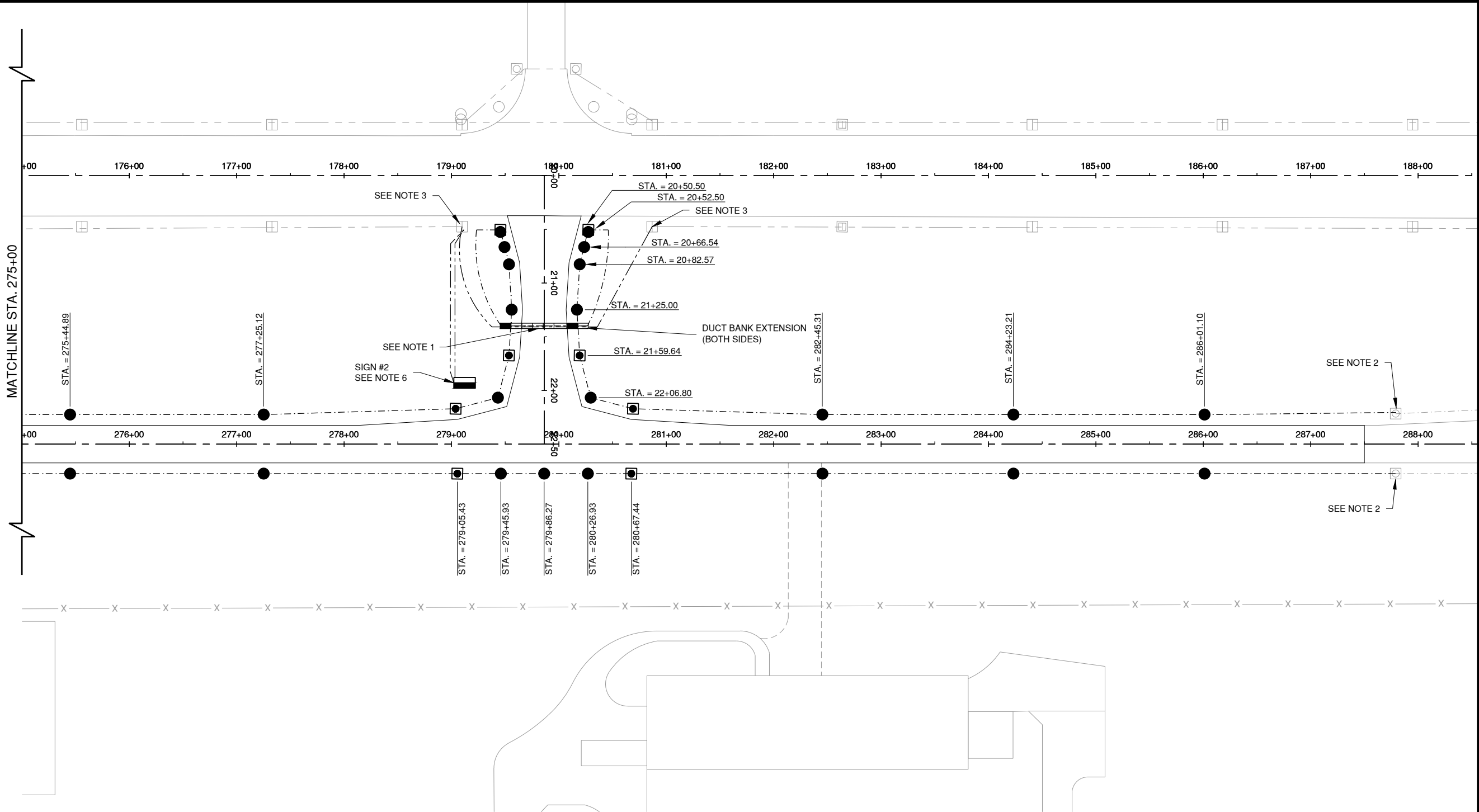
2

2

CF102

35 47









SHEET 05 OF 47



NOTES

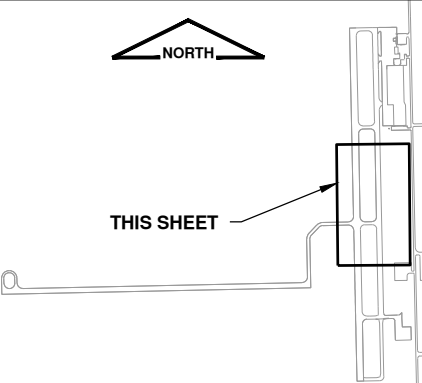
1. USE EXISTING CONDUIT TO ROUTE CIRCUIT.
2. CONNECT TO EXISTING TAXIWAY A CIRCUIT AT THIS LIGHT.
3. CONNECT TO EXISTING RUNWAY 18/36 CIRCUIT AT THIS LIGHT.
4. LOCK OUT - TAG OUT TAXIWAY A.
5. COUNTERPOISE IS NOT SHOWN FOR CLARITY, SEE DETAIL 5 ON CE505.
6. SEE GUIDANCE SIGN SCHEDULE ON SHEET CE103.

LEGEND

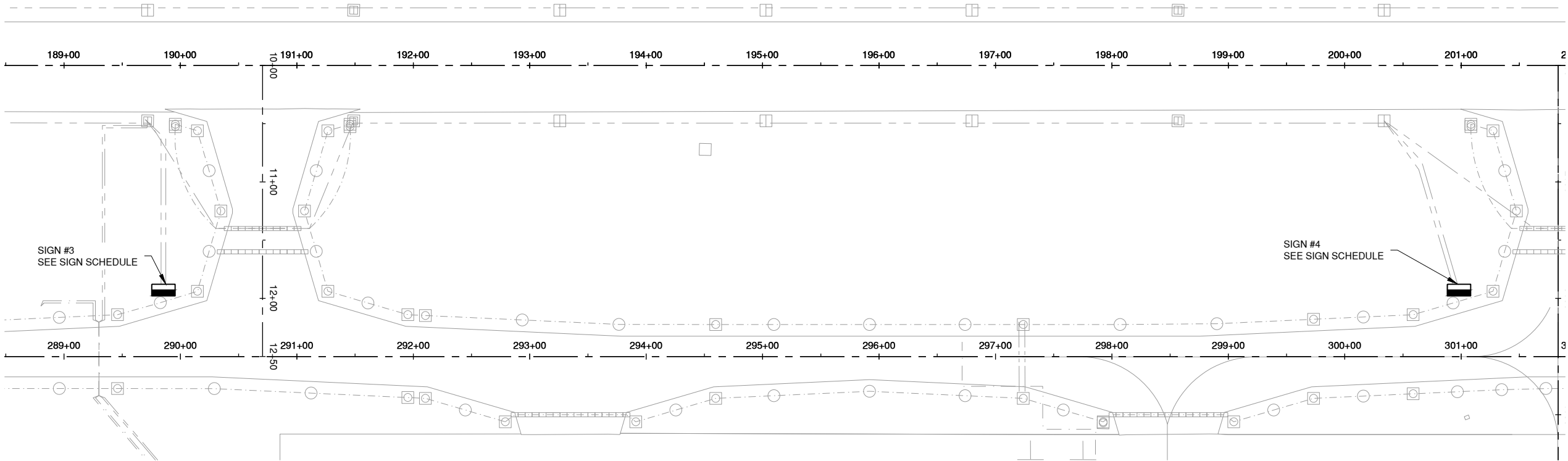
EXISTING	NEW	
		TAXIWAY GUIDANCE SIGN
		TAXIWAY EDGE LIGHT - STAKE MOUNTED
		TAXIWAY EDGE LIGHT - BASE MOUNTED
		DUCT BANK

EXISTING	NEW	
-----	-----	1/C #8 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT, TAXIWAY A CIRCUIT
	-----	1/C #8 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT, RUNWAY 18-36 CIRCUIT

KEYMAP



Path: K:\Taylorville\A\2005001_Taxiway\A\DrawSheets\TAZ-5080-CE100.dwg
Date: Friday, June 27, 2025 8:37:42 AM



GUIDANCE SIGN SCHEDULE

SIGN #	BASE BID / ADD. ALT.	SIDE	NEW SIGN LEGEND	WHITE WITH BLACK OUTLINE ON RED BACKGROUND (L-858R)	BLACK LEGEND ON YELLOW BACKGROUND (L-858Y)	YELLOW LEGEND ON BLACK BACKGROUND (L-858L)	NUMBER OF CHARACTERS	POWER CIRCUIT	SIGN TYPE	SIGN SIZE	SIGN STYLE	SIGN CLASS	SIGN MODE
1	BASE BID	E	A 4 3 6	3 6		A 4	4	RWY 36	L-858 (LED)	2	2 or 3	2	2
		W	A 4			A 4							
2	BASE BID	E	A 3 3 6 - 1 8	3 6 - 1 8		A 3	7	RWY 36	L-858 (LED)	2	2 or 3	2	2
		W	A 3			A 3							
3	ADD. ALT. #1	E	A 2 3 6 - 1 8	3 6 - 1 8		A 2	7	RWY 36	L-858 (LED)	2	2 or 3	2	2
		W	A 2			A 2							
4	ADD. ALT. #1	E	A 1 1 8	1 8		A 1	4	RWY 36	L-858 (LED)	2	2 or 3	2	2
		W	A 1			A 1							

NOTES

- USE EXISTING CONDUIT TO ROUTE CIRCUIT.
- CONNECT TO EXISTING TAXIWAY A CIRCUIT AT THIS LIGHT.
- CONNECT TO EXISTING RUNWAY 18/36 CIRCUIT AT THIS LIGHT.
- LOCK OUT - TAG OUT TAXIWAY A.
- COUNTERPOISE IS NOT SHOWN FOR CLARITY, SEE DETAIL 5 ON CE 505.

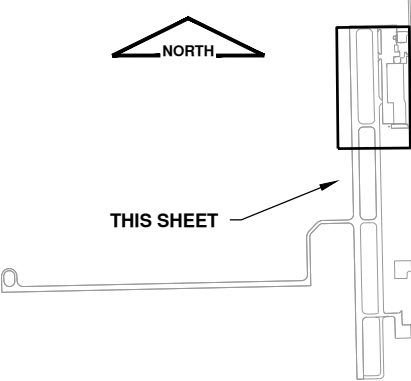
LEGEND

EXISTING	NEW	
		TAXIWAY GUIDANCE SIGN
		TAXIWAY EDGE LIGHT - STAKE MOUNTED
		TAXIWAY EDGE LIGHT - BASE MOUNTED
		DUCT BANK

EXISTING NEW

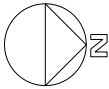
		1/C #8 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT, TAXIWAY A CIRCUIT
		1/C #8 5KV, L-824 TYPE C CABLE IN 3/4" UNIT DUCT, RUNWAY 18-36 CIRCUIT

KEYMAP



License No. #####

CONSULTANTS



0 50' 100'

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

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK DATE DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD

IL PROJECT: TAZ-5080

CONTRACT: TA009

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-5080-CE100.DWG

DESIGNED BY: APS

DRAWN BY: DPA

CHECKED BY: CBG

APPROVED BY: CBG

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SHEET TITLE

ELECTRICAL LAYOUT
3

CE103

SHEET 36

OF

47



TURF CABLE / SPLICE MARKER

N.T.S

NOTES:

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

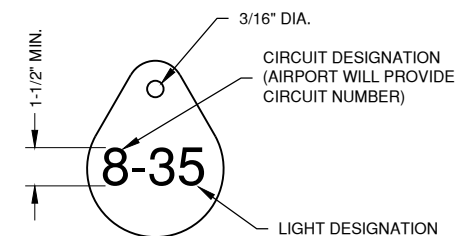


CABLE TRENCH

N.T.S

NOTES:

1. CABLES SHALL NOT BE PLACED LESS THAN 24" DEEP IN ANY ONE TRENCH UNLESS PERMITTED BY ENGINEER.
2. WHERE PERMITTED, CONTRACTOR MAY INSTALL CABLE IN UNIT DUCT BY PLOWING METHOD.



2 LIGHT IDENTIFICATION TAG

N.T.S

NOTES:

1. INSTALL A NON-CORROSIVE 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 EXISTING/ PROPOSED LIGHTS AND SIGNS IN EACH CIRCUIT STARTING AT THE HOMERUN CONTINUING AROUND THE ENTIRE CIRCUIT BACK TO THE HOMERUN.
4. AIRFIELD SIGNS SHALL BE TAGGED & NUMBERED.



DUCT MARKER (IN-PAVEMENT)

N.T.S.



License No. 184-000613

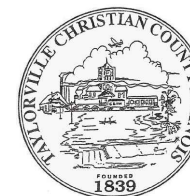
CONSULTANTS

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

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

AIP PROJECT: 3-17-SBGP-184/197/TBD

AIP PROJECT: 3-17-SBGP-184/197/TBD

IL PROJECT: TAZ-5080 CONTRACT: TA009

CMT PROJECT NO: 200050-01

CAD DWG FILE: TAZ-5080-CE500.DWG

CAD DWG FILE:	TAZ
DESIGNED BY:	APS

DESIGNED BY:	APS
DRAWN BY:	DPA

DRAWN BY:	DPA
CHECKED BY:	CBG

CHECKED BY:	CBG
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CO. 111111

SHEET TITLE

ELECTRICAL DETAILS

1

CE501

SHEET 37 OF 47

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

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

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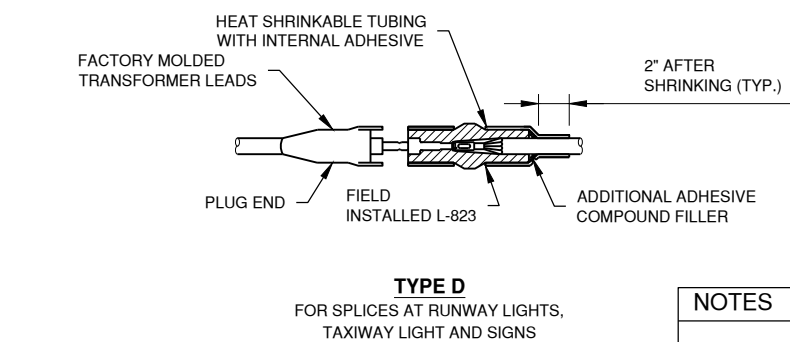
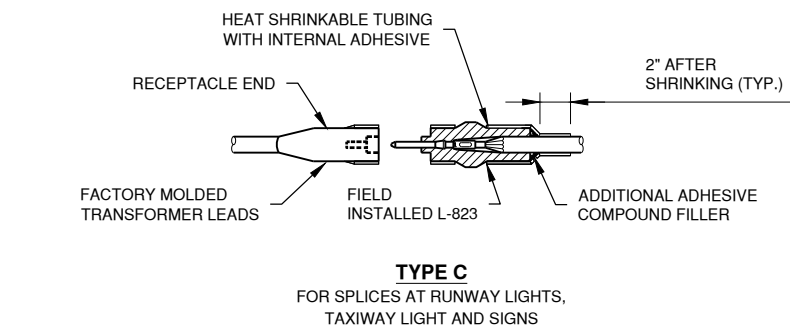
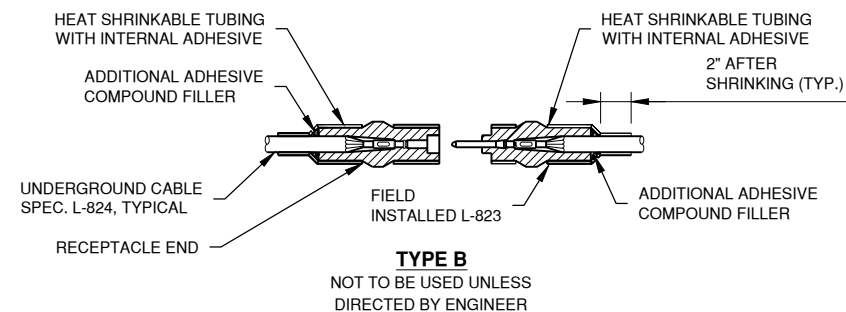
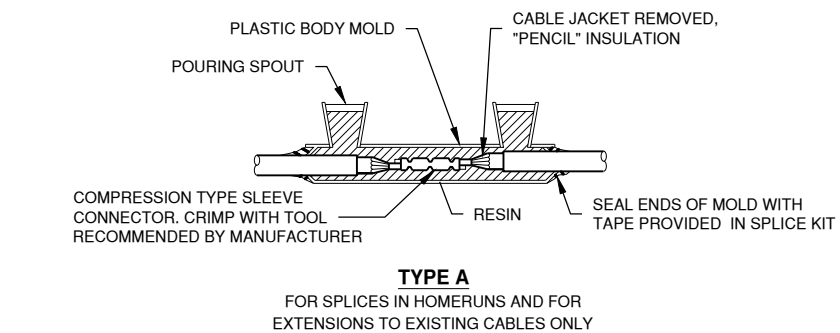
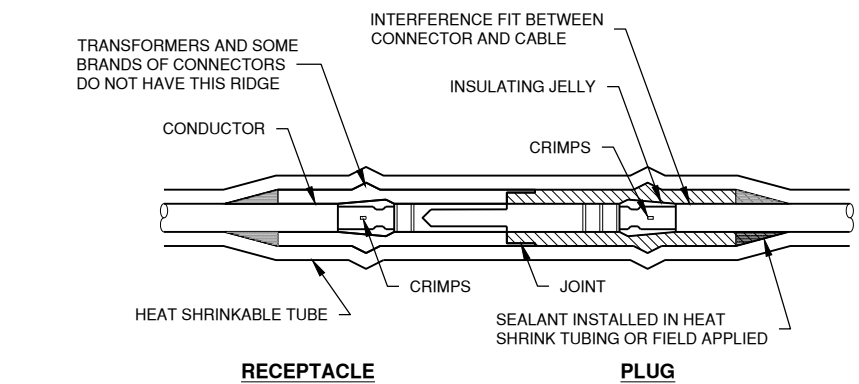
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IL PROJECT: TAZ-5080	CONTRACT: TA009
CMT PROJECT NO: 200050-01	
CAD DWG FILE:	TAZ-5080-CE500.DWG
DESIGNED BY:	APS
DRAWN BY:	DPA
CHECKED BY:	CBG
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COPYRIGHT:	

SHEET TITLE

ELECTRICAL DETAILS

CE503

SHEET 39 OF 47



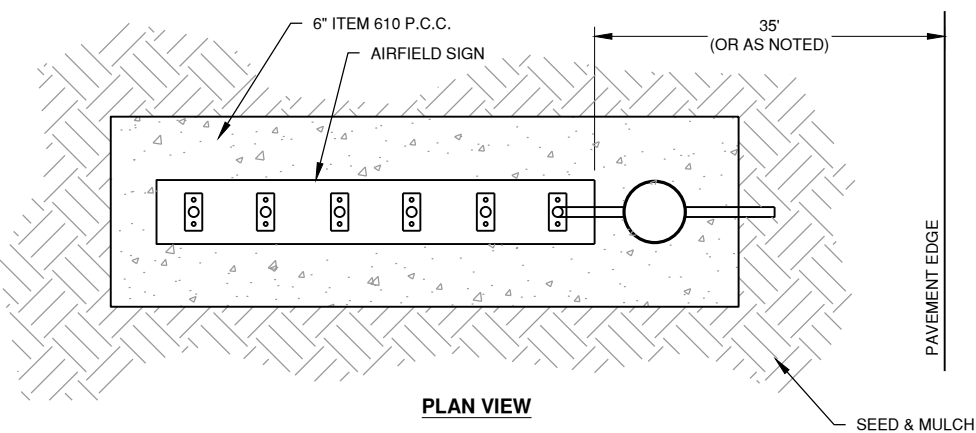
1 CABLE SPLICES

NOTES

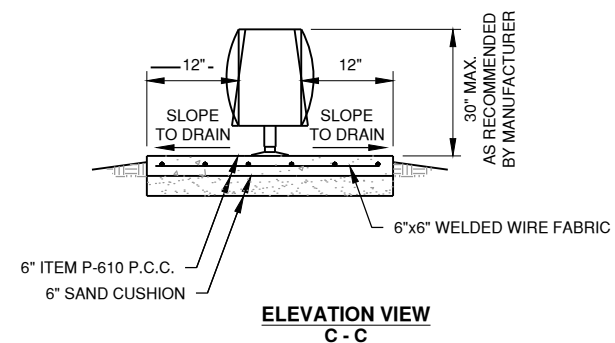
1. MATCH THE OUTSIDE DIAMETER OF CABLE
INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY
2. WRAP WITH AT LEAST ONE LAYER OF RUBBER OR
TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST
1-1/2 INCHES ON EACH SIDE OF JOINT.
3. IN LIEU OF HEAT SHRINK SPLICE, CONTRACTOR MAY
INSTALL FOR APPROVED "COMPLETE KIT"

INSTALLATION INSTRUCTIONS TO SUPPLEMENT THE MANUFACTURER'S INSTRUCTIONS

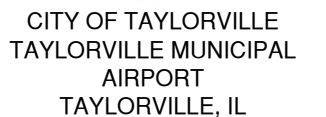
1. CLEAN THE CABLE THOROUGHLY 9" MIN. FROM THE END.
2. REMOVE INSULATION PER MANUFACTURER'S INSTRUCTIONS. DO NOT NICK THE CONDUCTOR. DO NOT PENCIL INSULATION ON L-824 TYPE C CABLE.
3. INSTALL PIN AND/OR RECEPTAL WITH CRIMPING TOOL WHICH MUST BE COMPLETELY CLOSED BEFORE THE TOOL MAY BE REMOVED.
4. BE SURE CABLE AND CONDUCTOR FITTINGS ARE CLEAN. COAT THE CABLE INSULATION WITH INSULATION JELLY FROM THE CONNECTOR.
5. CAREFULLY INSERT CABLE INTO CONNECTOR TO THE PROPER DEPTH.
6. SLIP 14 INCH LENGTH OF HEAT SHRINK TUBING ON TRANSFORMER LEAD RAYCHEM TCS-13-14-U OR APPROVED EQUAL.
7. COMPLETE CONNECTION BY MATING THE PLUG AND RECEPTAL. **CAUTION** BE SURE THE CABLE DOES NOT SLIP WHEN THE CONNECTION IS MADE.
8. APPLY RUBBER TAPE AND PLASTIC TAPE, ONE HALF LAPPED 1-1/2" ON EACH SIDE OF JOINT.
9. ANY CONNECTOR WHICH IS CONTAMINATED BY DIRT OR OTHER DELETERIOUS MATERIAL SHALL BE REMOVED NOT REINSTALLED.
10. CLEAN CONNECTOR AND CABLE INSULATION WITH WAX OR GREASE SOLVENT TO REMOVE SURFACE SILICONE JELLY.
11. WRAP SEALANT SECURELY AROUND THE CABLE. INSULATION TO EXTEND 1-1/2" BEYOND BOTH ENDS OF CONNECTORS. SEALANT SHALL BE RAYCHEM S-1052 (STRIPS) OR APPROVED EQUAL.
12. CENTER HEAT SHRINK OVER THE CONNECTOR. APPLY HEAT EVENLY BEGINNING AT THE CENTER AND WORKING AROUND CABLE TO ENDS. THERMOCHROMIC PAINT SHALL SHOW PROPER HEAT HAS BEEN USED. *** DO NOT OVER HEAT ***.
13. THE HEAT SOURCE SHALL BE AN ELECTRIC HEAT GUN OR A PROPANE WITH FLAME SPREADER.



1. TRANSFORMER WATTAGE SHALL BE AS REQUIRED BY SIGN MANUFACTURER. SIGNS ON RUNWAY CIRCUITS SHALL BE STYLE 2 OR 3 DEPENDING ON REGULATOR.
2. SIGN LEGEND SHALL BE AS SHOWN IN THE PLANS. SIGN SCHEDULE IS SUBJECT TO FAA APPROVAL OF THE SIGNAGE PLAN. CHANGES TO NEW LEGENDS MAY OCCUR DURING CONSTRUCTION.
3. SIGN ANCHOR TETHERS AND GROUND WIRES ARE REQUIRED. SEE SPECIFICATIONS.
4. SIGNS SHALL BE SIZE 2, STYLE 2 OR 3, CLASS 2, AND MODE 2. SEE SIGN SCHEDULE FOR DETAILS
5. LIGHT I.D. TAG FOR SIGN SHALL INCLUDE SIGN DESIGNATOR SHOWN IN THE PLAN TABLES.
6. DIRECTION OF PRIMARY CABLES MUST BE IDENTIFIED BY COLOR CODING AS FOLLOWS: WHEN FACING SIGN IN BACK FACING THE RELATED RUNWAY OR TAXIWAY PAVEMENT, THE CABLE FOR THE CIRCUIT TO THE LEFT IS CODED RED AND CABLE FOR THE CIRCUIT TO THE RIGHT IS CODED BLUE.

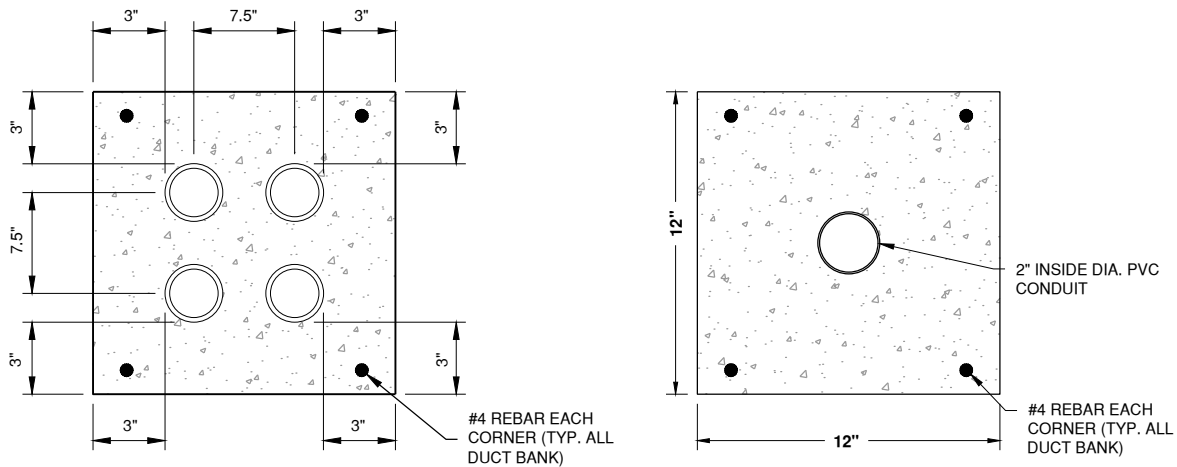


1. SLOPES SHOWN ARE FROM FAA STANDARDS AND MAY NOT REFLECT THE ACTUAL GRADES IN THE FIELD
2. ESTIMATED 1 C.Y. OF EMBANKMENT MAY BE REQUIRED TO CONSTRUCT SIGN BASE FOUNDATION. COSTS TO CONSTRUCT SHALL BE INCIDENTAL TO SIGN PAY ITEM.
3. ACTUAL LOCATION OF THE SIGN WITHIN THE TAXIWAY SAFETY AREA WILL VARY DUE TO PAVEMENT WIDTHS AND VARIANCES IN SIGN FOUNDATION LENGTHS.
4. 4" OF KNITTED STRAW MAT SHALL BE PLACED AROUND THE PROTECTION APRON. COST FOR MAT SHALL BE INCIDENTAL TO SIGN PAY ITEM.



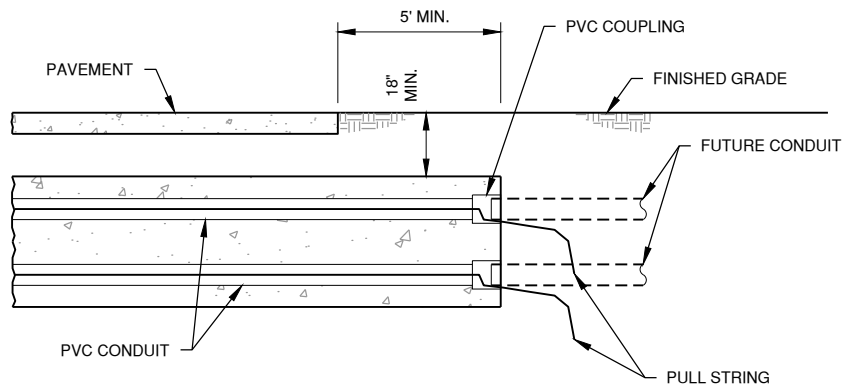
CE504
SHEET 40 OF 47

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1 4-WAY DUCT BANK
N.T.S

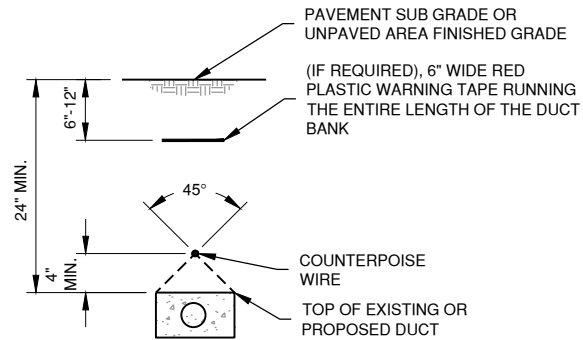
2 1-WAY DUCT BANK
N.T.S



3 DUCT BANK TYPICAL SECTION
N.T.S

DUCT BANK NOTES

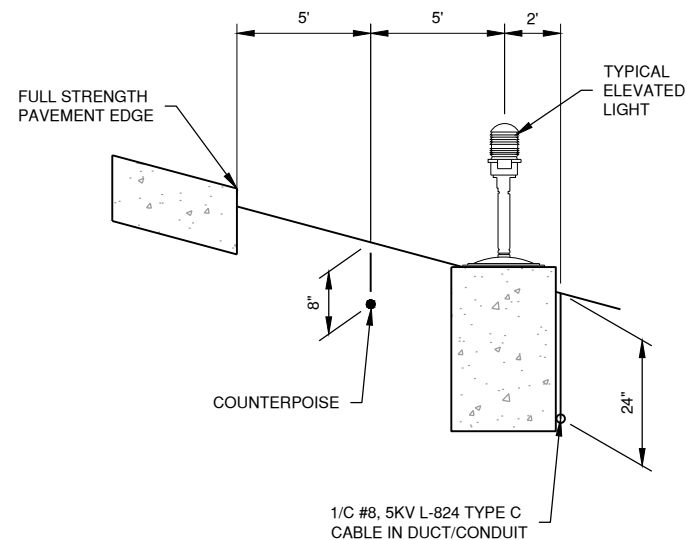
- DIMENSIONS SHOWN ARE MINIMUM.
- TOP OF CONCRETE ENCASEMENT SHALL BE NOT LESS THAN 24" BELOW FINISHED SUBGRADE BELOW PAVEMENTS AND NOT LESS THAN 24" BELOW FINISHED GRADE IN UNPAVED AREAS, EXCEPT WHERE DIRECTED OTHERWISE BY ENGINEER. AVOID ALL CONFLICTS WITH OTHER UTILITIES (UNDERDRAINS, WATER LINES, SEWER LINES, TELEPHONE, ELECTRICAL) OR OTHER OBSTACLES, ADJUSTING DEPTH AS NECESSARY.
- CONCRETE SHALL BE ITEM 610.
- CONDUIT FOR CONCRETE ENCASEMENT SHALL BE SCHEDULE 40 PVC, 4" NOMINAL DIAMETER, OR AS INDICATED ON THE PLANS.
- CONCRETE ENCASEMENT SHALL EXTEND A MINIMUM OF 5'-0" BEYOND EDGES OF PAVEMENT, OR AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
- #4 REBAR SHALL BE INSTALLED CONTINUOUS THE LENGTH OF THE CONCRETE ENCASEMENT.
- DUCT BANK SHALL BE STACKED NO MORE THAN THREE CONDUITS HIGH UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- AT ENDS OF DUCT BANKS, INSTALL A PVC COUPLING FLUSH WITH END OF CONCRETE FOR CONNECTING FUTURE CONDUIT. INSTALL POLYETHELENE PULL STRING, GREENLEE, OR EQUIVALENT. PLUG THE ENDS OF UNUSED SPARE CONDUITS WITH WOODEN PLUGS.
- HIGH VOLTAGE WIRING, RUNWAY & TAXIWAY SERIES CIRCUIT WIRING, ETC., AND POWER WIRING OVER 480V SHALL BE INSTALLED IN SEPARATE CONDUITS FROM LOW VOLTAGE WIRING, 480V OR LESS.
- IF POSSIBLE, INSTALL FIBER OPTIC CABLES AND COMMUNICATION CABLES (FAA, ETC.) IN THEIR OWN CONDUITS; OTHERWISE, INSTALL THEM IN THE CONDUITS WITH LOW VOLTAGE WIRING.



4 LOCATION OF COUNTERPOISE (DUCT BANK)
N.T.S

NOTES:

- THE HEIGHT ABOVE THE CABLE AND/OR CONDUIT IS CALCULATED TO ENSURE THE CABLES AND/OR CONDUITS TO BE PROTECTED ARE WITHIN THE 45° ZONE OF PROTECTION BELOW THE COUNTERPOISE.
- COUNTERPOISE WIRES MUST BE INSTALLED ABOVE MULTIPLE CONDUITS/DUCT BANKS FOR AIRFIELD LIGHTING CABLES, WITH THE INTENT BEING TO PROVIDE A COMPLETE CONE OF PROTECTION OVER THE AIRFIELD LIGHTING CABLES. WHEN MULTIPLE CONDUITS AND/OR DUCT BANKS FOR AIRFIELD CABLE ARE INSTALLED IN THE SAME TRENCH, THE NUMBER AND LOCATION OF THE COUNTERPOISE WIRES ABOVE THE CONDUITS SHALL BE ADEQUATE TO PROVIDE A COMPLETE ZONE OF PROTECTION MEASURED 22-1/2" EACH SIDE OF VERTICAL.
- REFER TO THE CURRENT VERSIONS OF FAA AC 150/5340-30 AND AC 150/5370-10 FOR MORE DETAILS ON COUNTERPOISE INSTALLATION.



5 COUNTERPOISE LOCATION
N.T.S

NOTES:

- #6 BARE COUNTERPOISE WITH 3/4" x 10' GROUND ROD INSTALLED AT MAX. 500' SPACING. ALSO USE GROUND ROD TO TERMINATE THE COUNTERPOISE AT BOTH ENDS OF DUCT. GROUND RODS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.



License No. 184-000613

CONSULTANTS

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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

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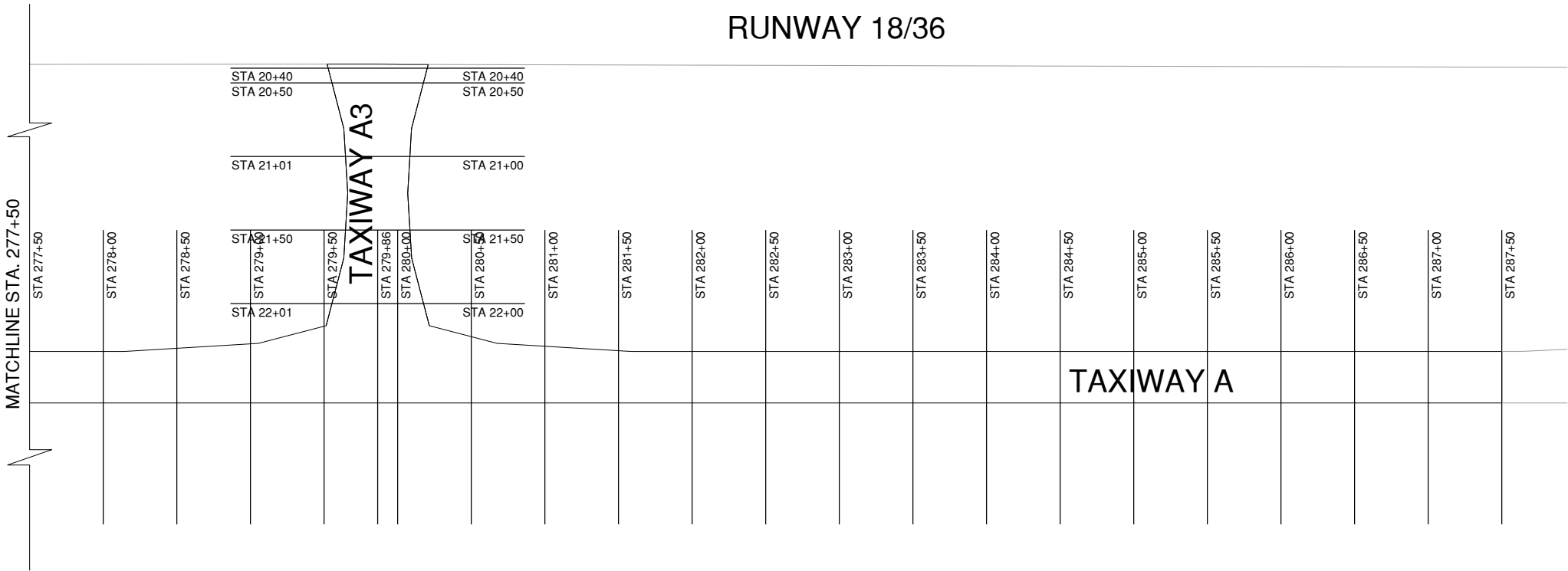
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SHEET TITLE

ELECTRICAL DETAILS
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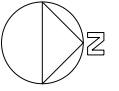
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SHEET 41 OF 47

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License No. #####

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0 50' 100'
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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

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TAXIWAY CROSS
SECTION INDEX

CG101
SHEET 42 OF 47



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100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



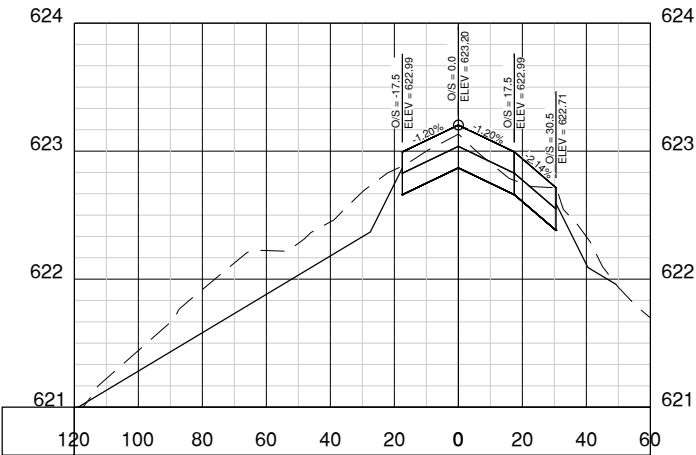
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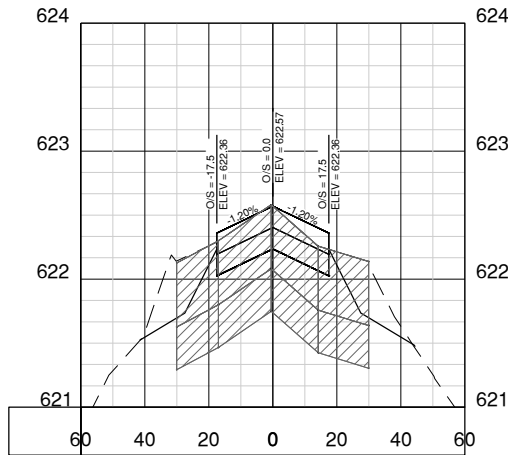
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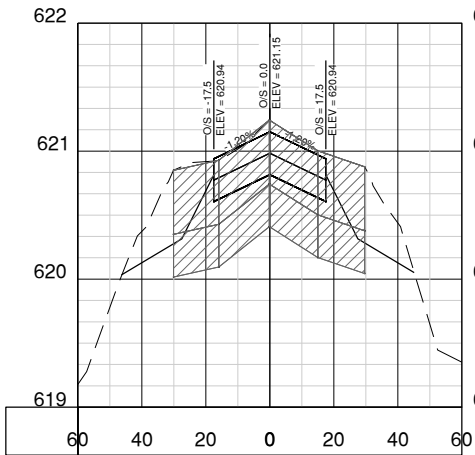
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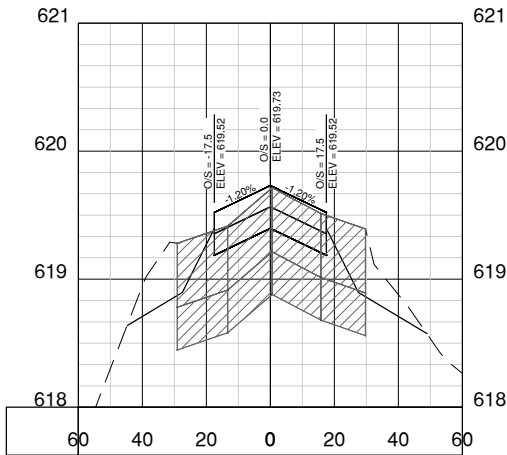
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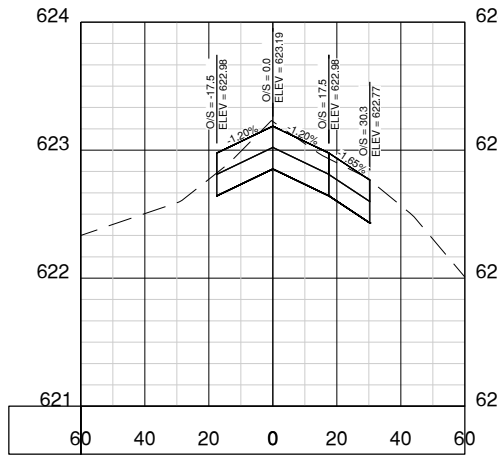
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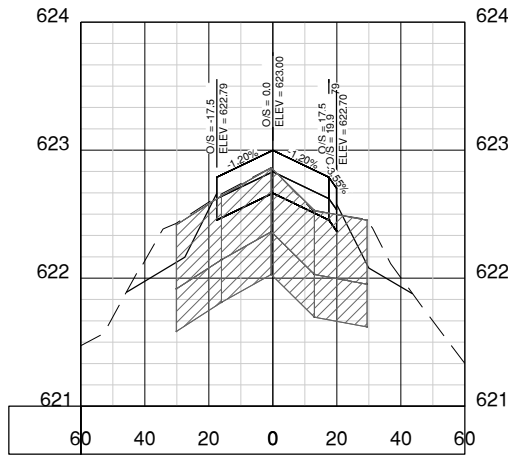
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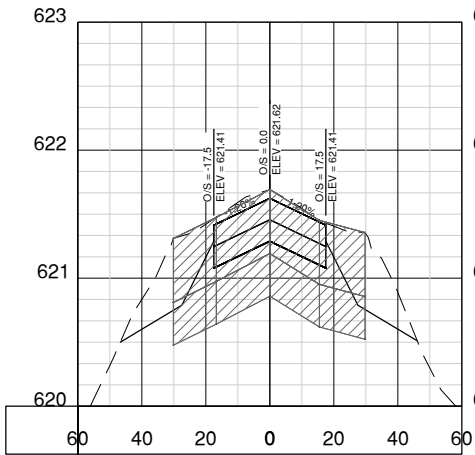
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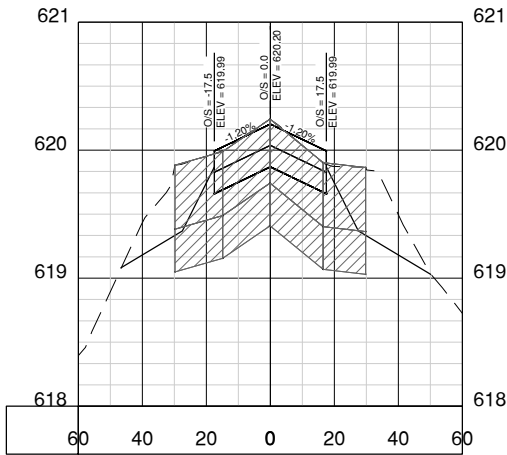
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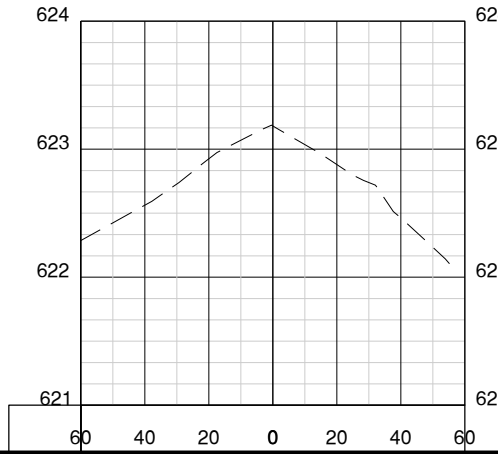
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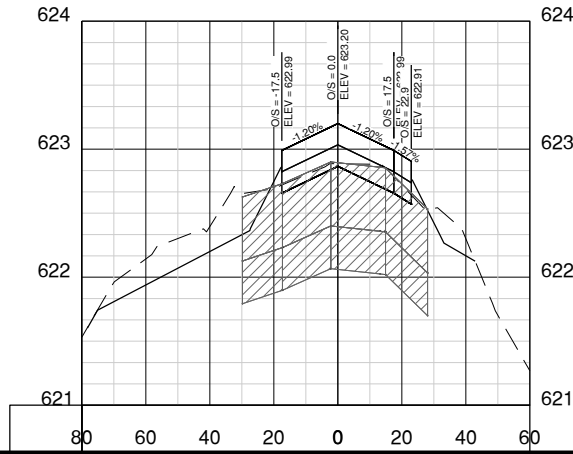
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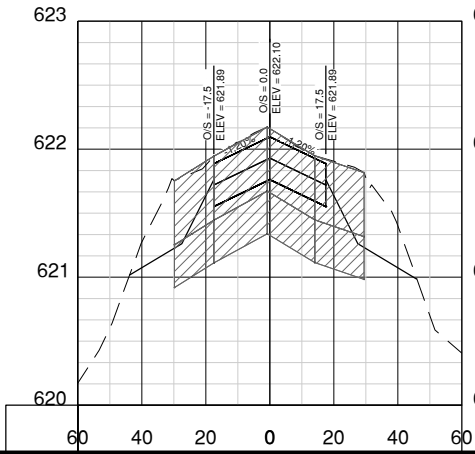
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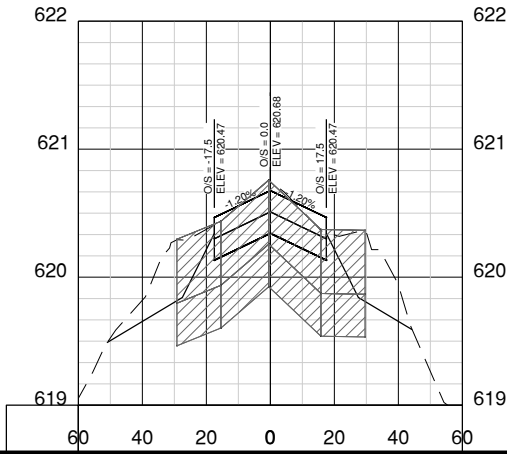
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THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

MARK	DATE	DESCRIPTION

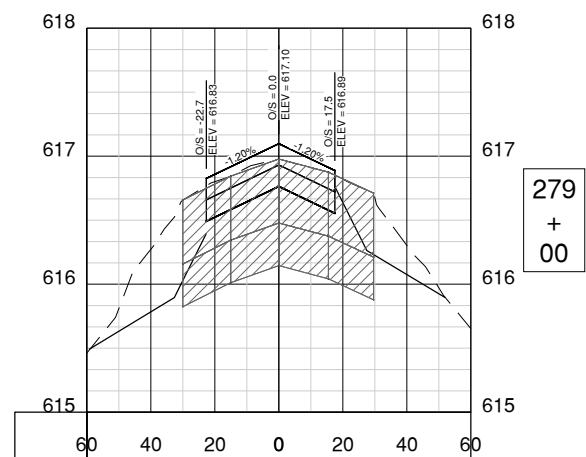
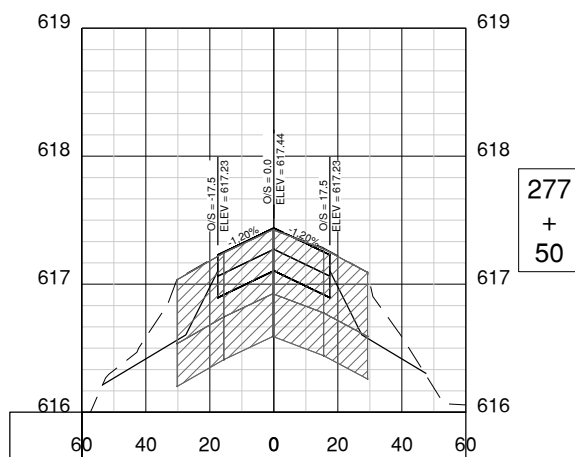
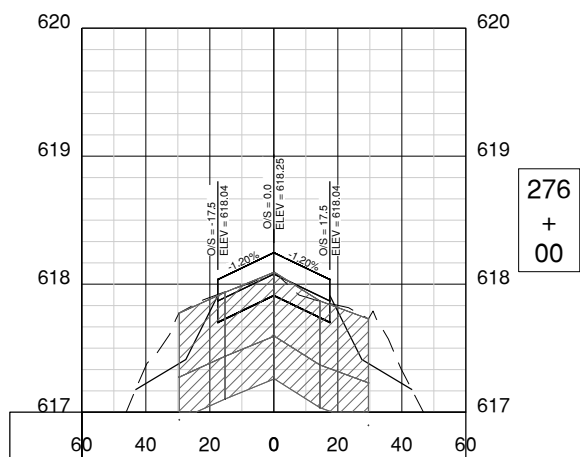
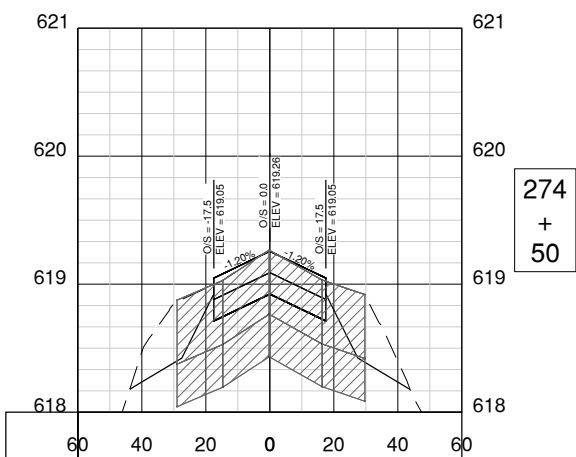
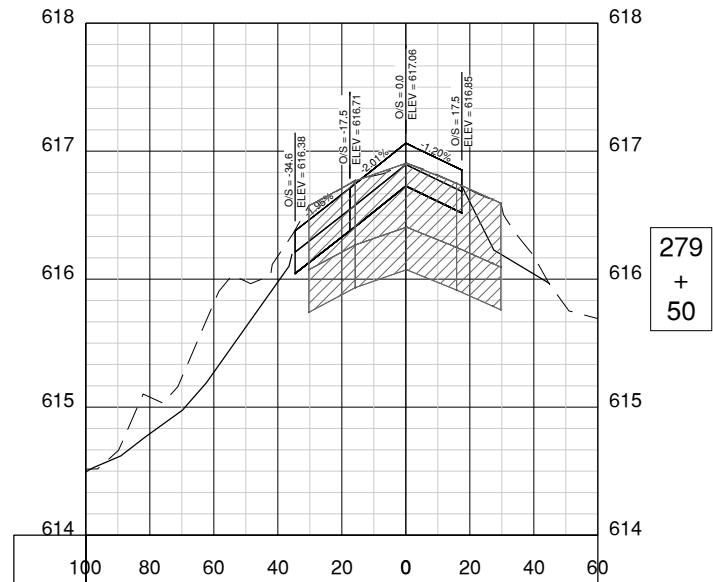
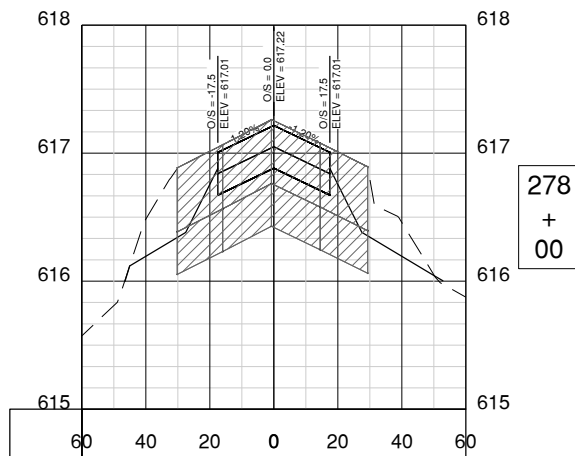
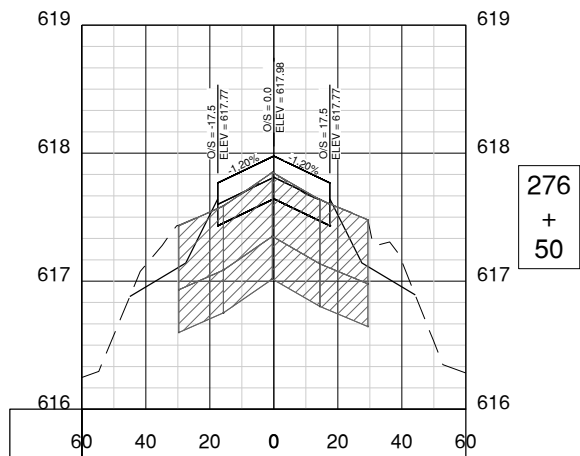
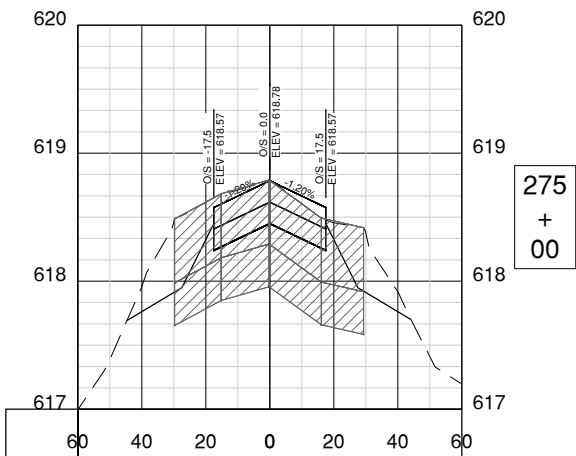
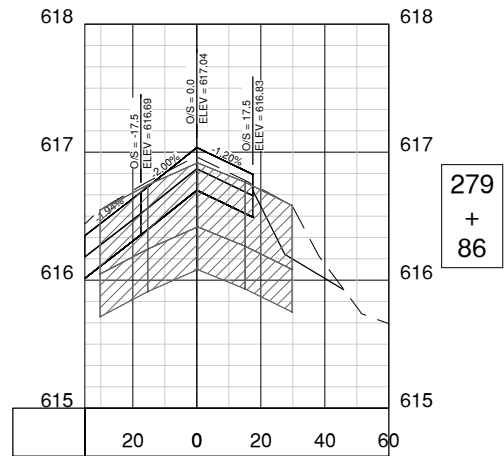
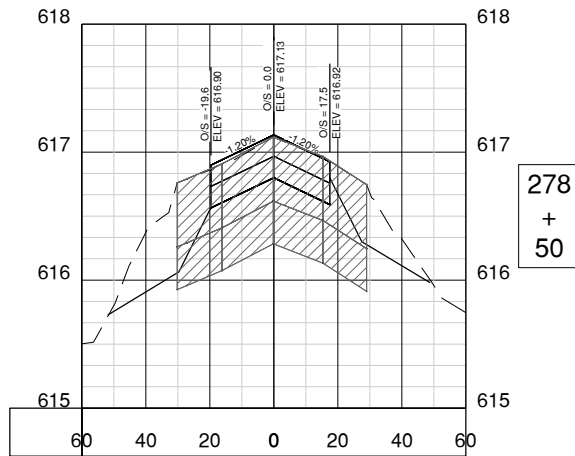
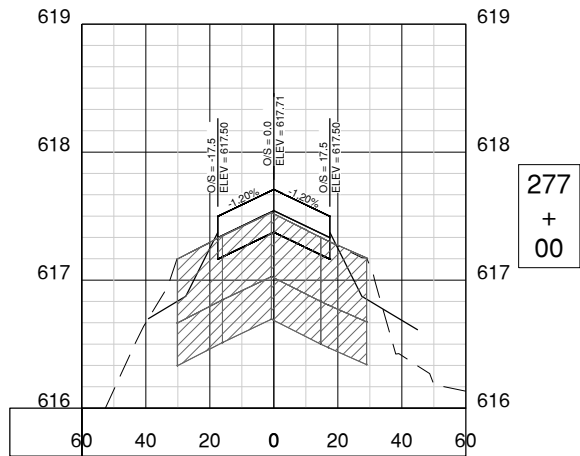
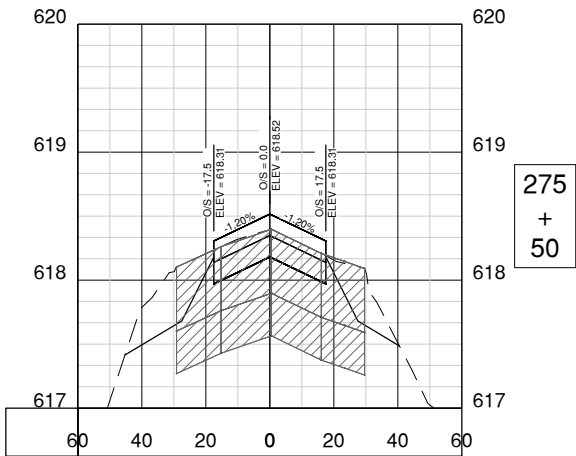
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TAXIWAY A CROSS
SECTION PLAN 02

CG302

SHEET 44 OF 47



100% DESIGN PLANS
JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



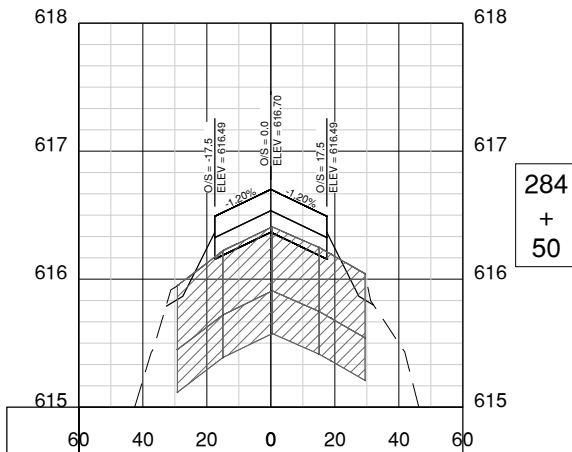
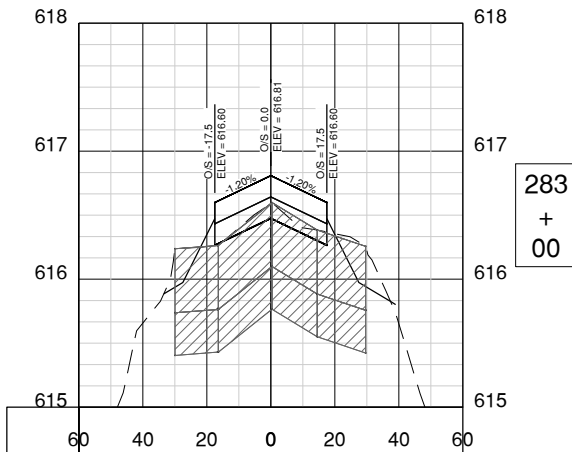
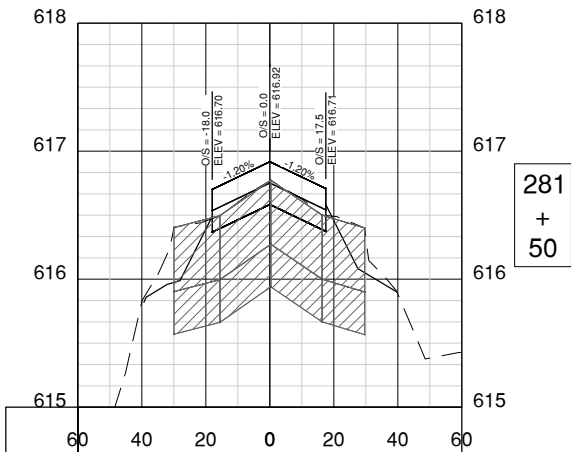
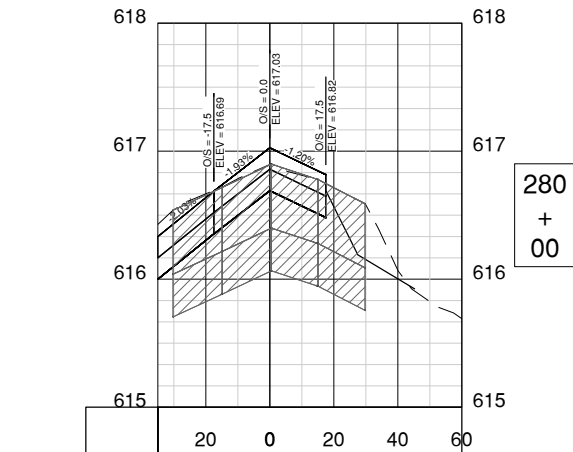
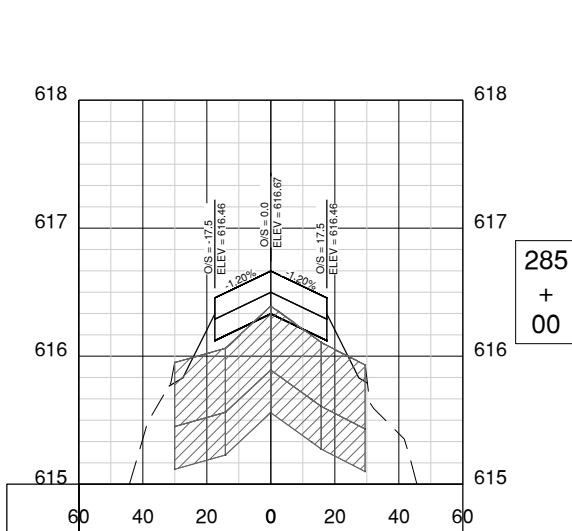
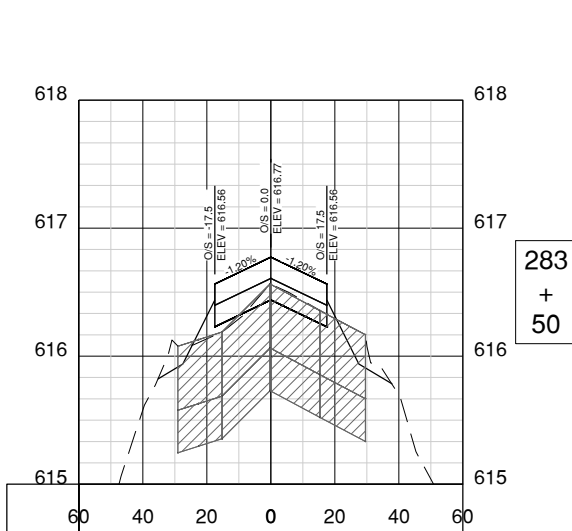
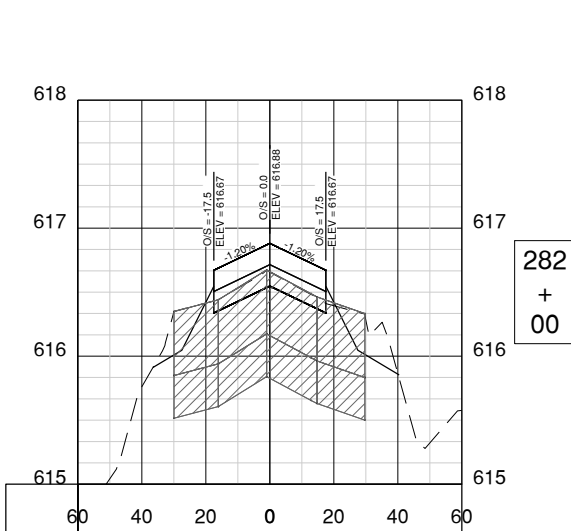
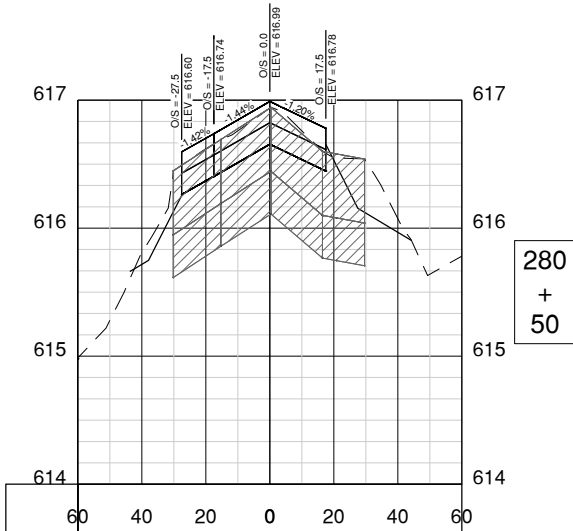
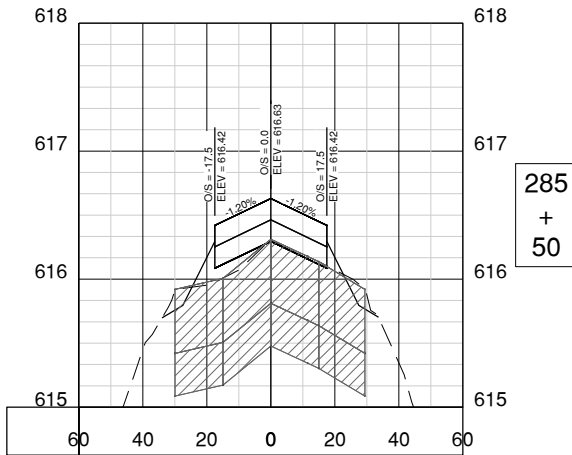
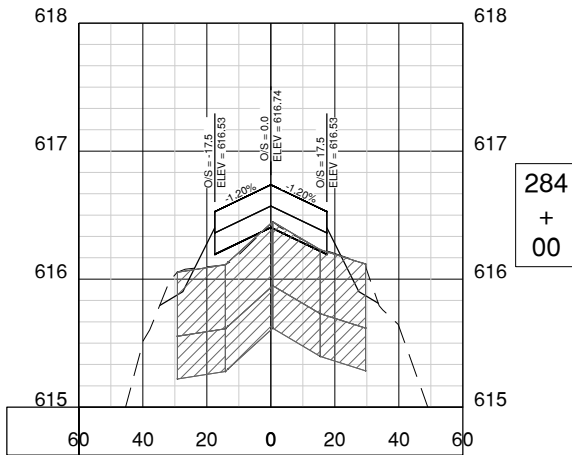
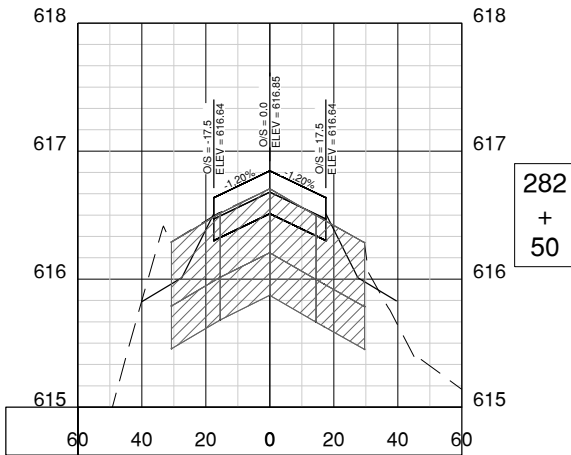
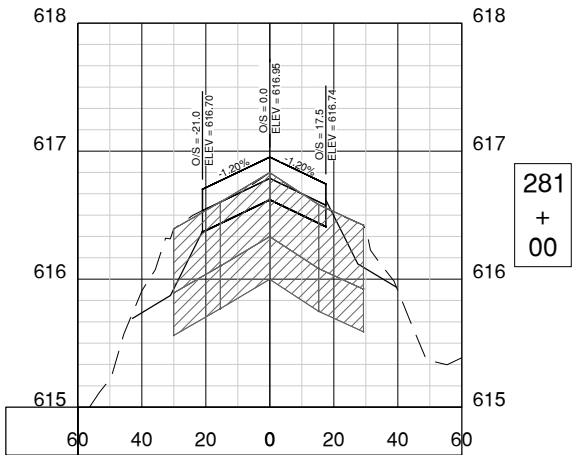
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TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

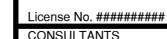
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TAXIWAY A CROSS
SECTION PLAN 03

CG303
SHEET 45 OF 47





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JUNE 6, 2025

REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

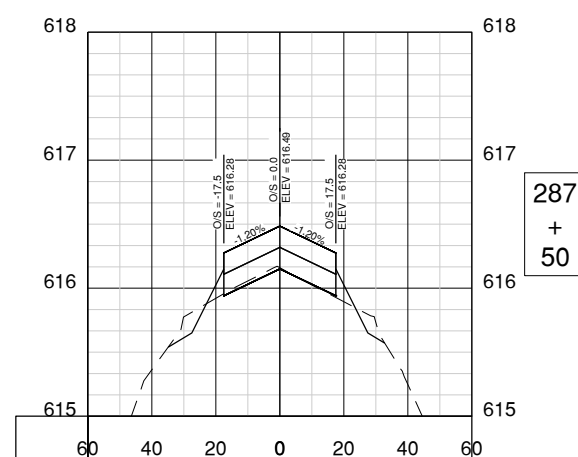
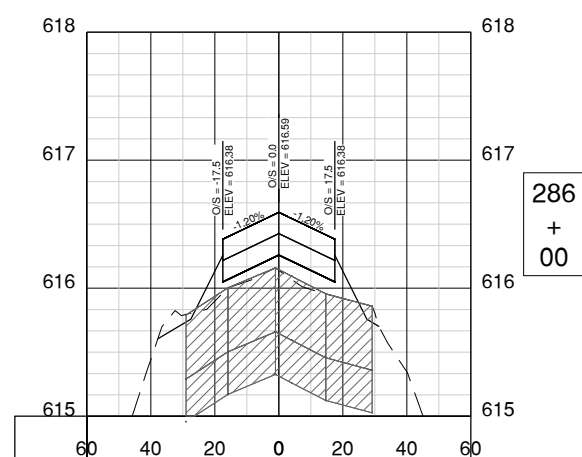
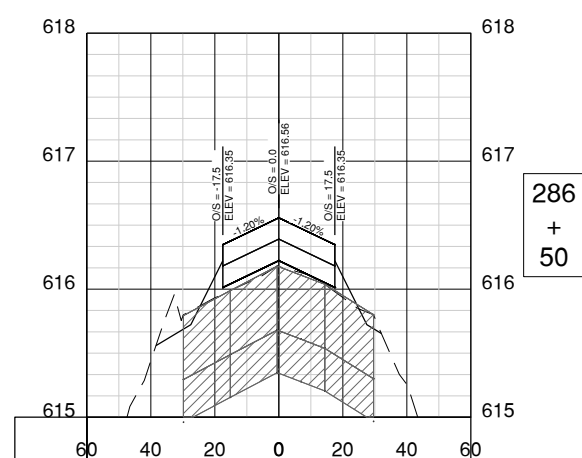
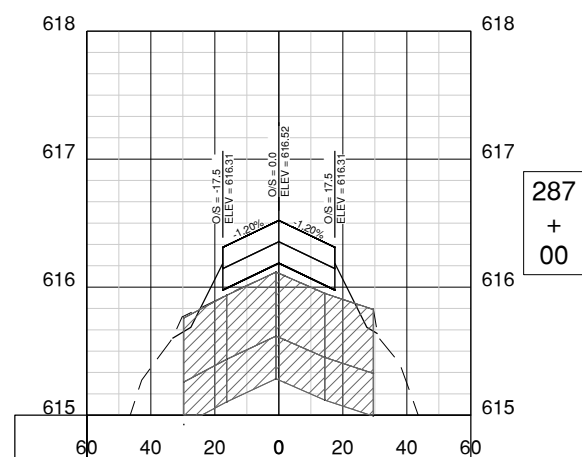
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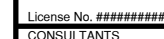
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SECTION PLAN 04

SHEET 46 OF 47 CG304





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REHABILITATE TAXIWAY A,
PHASE 2

OWNER



CITY OF TAYLORVILLE
TAYLORVILLE MUNICIPAL
AIRPORT
TAYLORVILLE, IL

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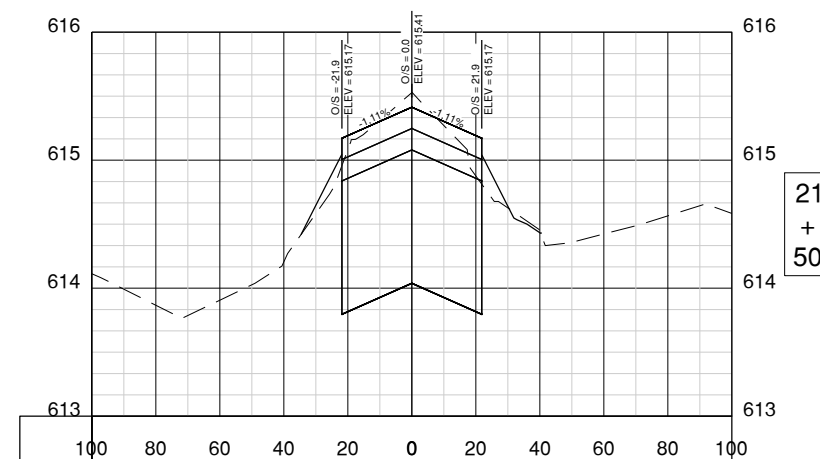
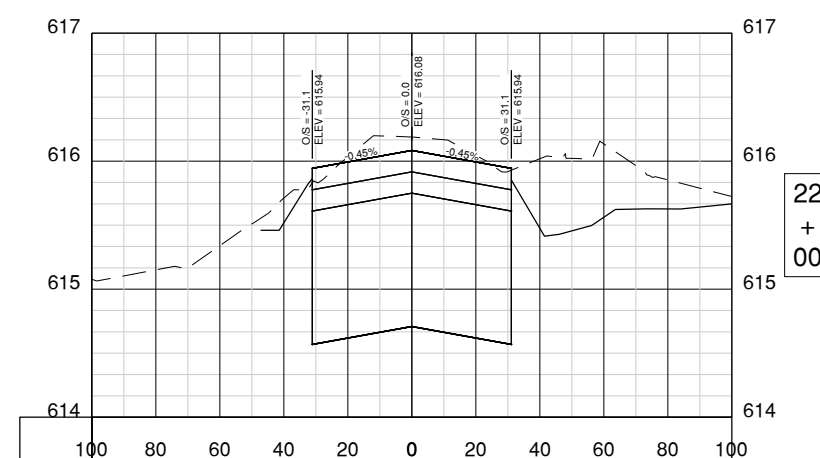
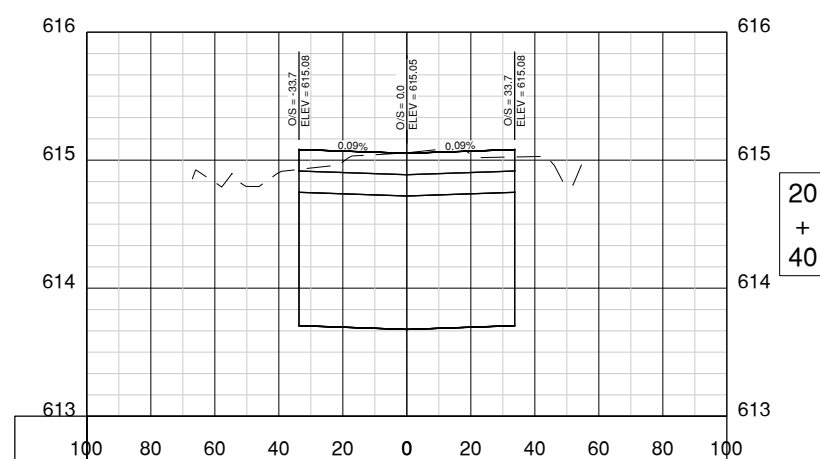
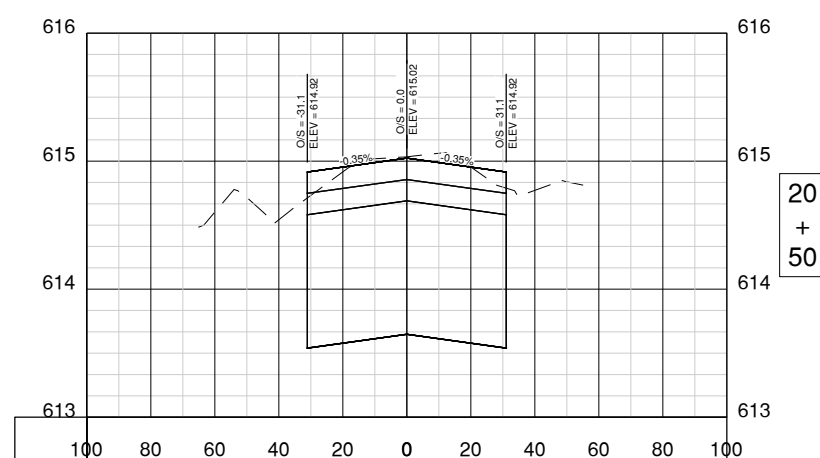
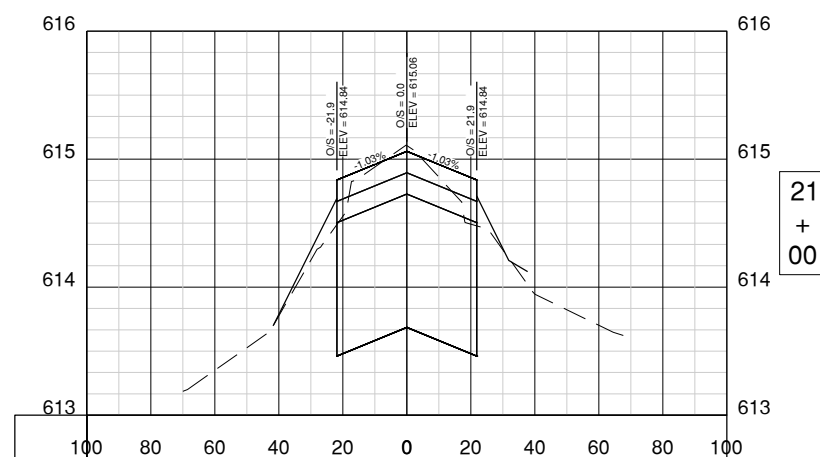
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CG305

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