

WHITESIDE COUNTY AIRPORT BOARD WHITESIDE COUNTY, ILLINOIS

Whiteside County AIRPORT
JOSEPH H. BITTORF FIELD

WHITESIDE COUNTY AIRPORT BOARD

APPROVED BY *Stan Domack*
for STAN DOMACK, CHAIRMAN

DATE JUNE 26, 2015

CONSTRUCTION PLANS FOR WHITESIDE COUNTY AIRPORT REHABILITATE TAXIWAY A

FINAL SUBMITTAL

ILLINOIS PROJECT: SQI-4110
SBG PROJECT: 3-17-SBGP-XX

JUNE 26, 2015
(JULY 31, 2015 LETTING)

DESIGN INFORMATION

TOWNSHIP: 20 NORTH COUNTY: WHITESIDE
RANGE: 7 EAST MONTMORENCY TOWNSHIP
SECTION: 10

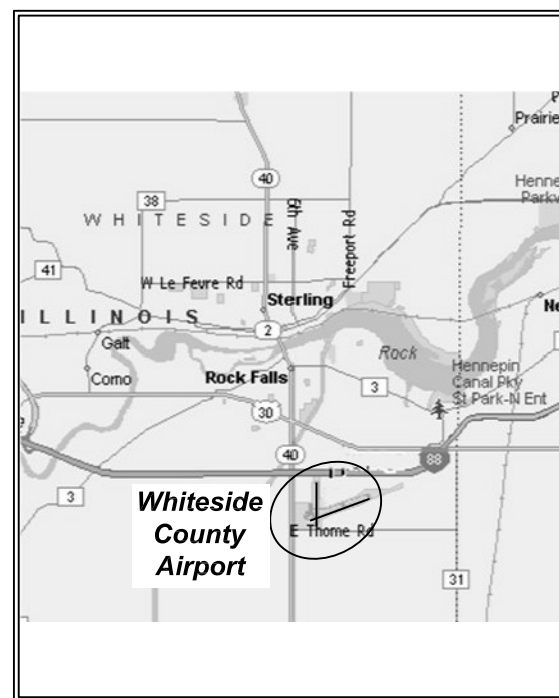
AIRPLANE DESIGN GROUP C3 (7/25)
AIRPLANE DESIGN GROUP B2 (18/36)
(MAXIMUM EQUIPMENT HEIGHT = 25')

Illinois Professional Engineering Practice Act of 1989

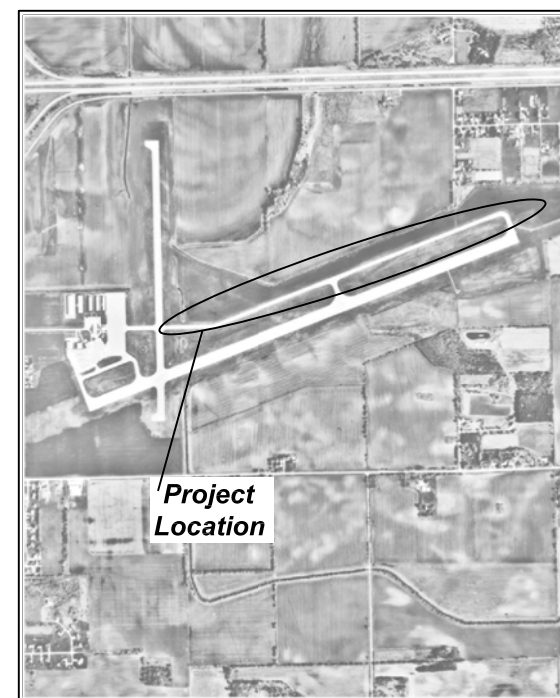
DATE JUNE 26, 2015
license expires 11-30-2015

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LOCATION MAP



SITE PLAN



Whiteside County Airport
Sterling/Rock Falls, Illinois

Whiteside County
Airport Board

SBG Proj: 3-17-SBGP-XX
IL Proj: SQI-4110

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

**REHABILITATE
TAXIWAY A**

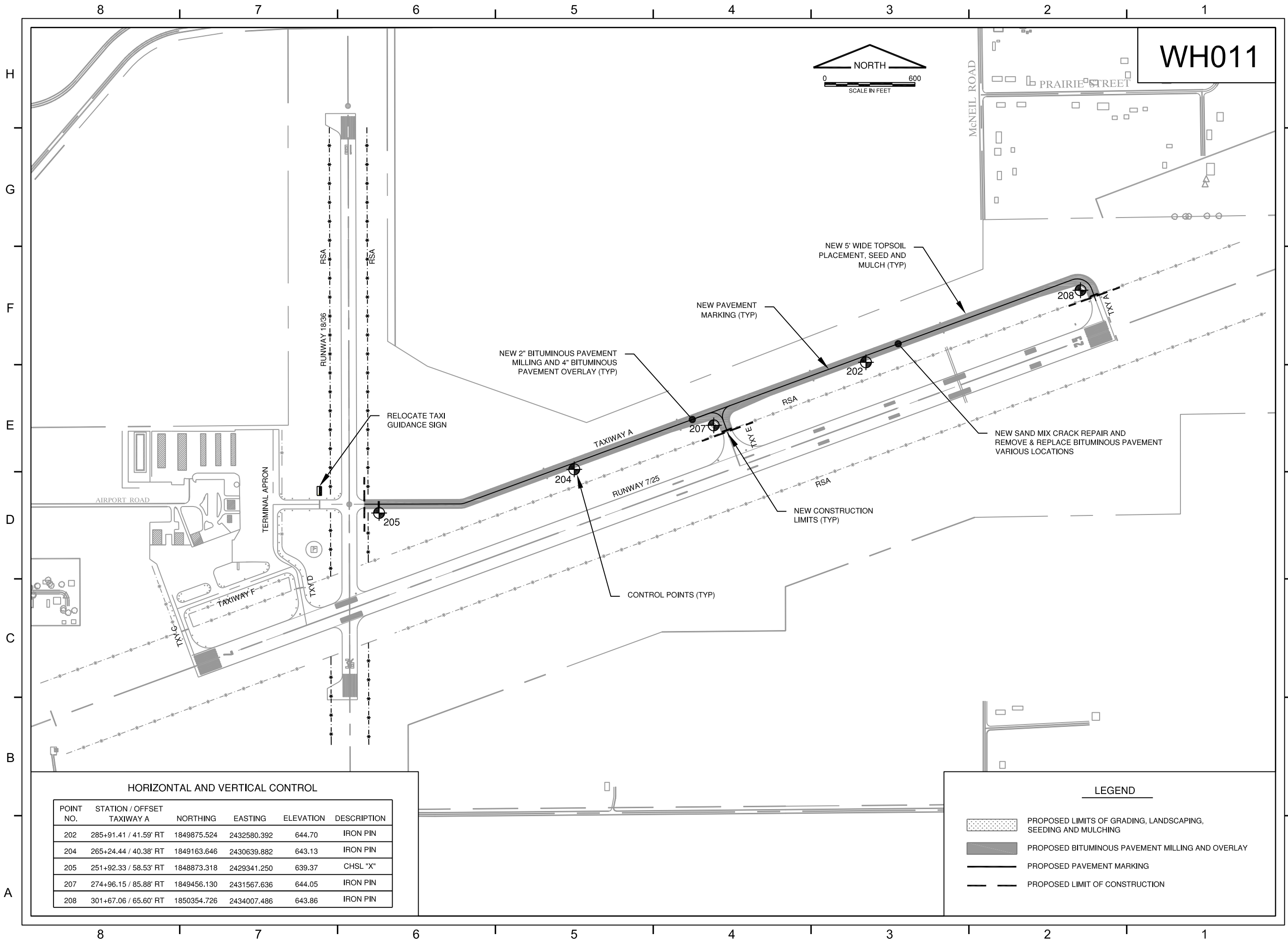
SHEET TITLE:
**SITE PLAN
AND CONTROL**

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

SHEET NO. **SPL1** REVISION

SHEET 03 OF 21 SHEETS



HORIZONTAL AND VERTICAL CONTROL

POINT NO.	STATION / OFFSET TAXIWAY A	NORTHING	EASTING	ELEVATION	DESCRIPTION
202	285+91.41 / 41.59' RT	1849875.524	2432580.392	644.70	IRON PIN
204	265+24.44 / 40.38' RT	1849163.646	2430639.882	643.13	IRON PIN
205	251+92.33 / 58.53' RT	1848873.318	2429341.250	639.37	CHSL "X"
207	274+96.15 / 85.88' RT	1849456.130	2431567.636	644.05	IRON PIN
208	301+67.06 / 65.60' RT	1850354.726	2434007.486	643.86	IRON PIN

LEGEND

- PROPOSED LIMITS OF GRADING, LANDSCAPING, SEEDING AND MULCHING
- PROPOSED BITUMINOUS PAVEMENT MILLING AND OVERLAY
- PROPOSED PAVEMENT MARKING
- PROPOSED LIMIT OF CONSTRUCTION



Whiteside County Airport
Sterling/Rock Falls, Illinois

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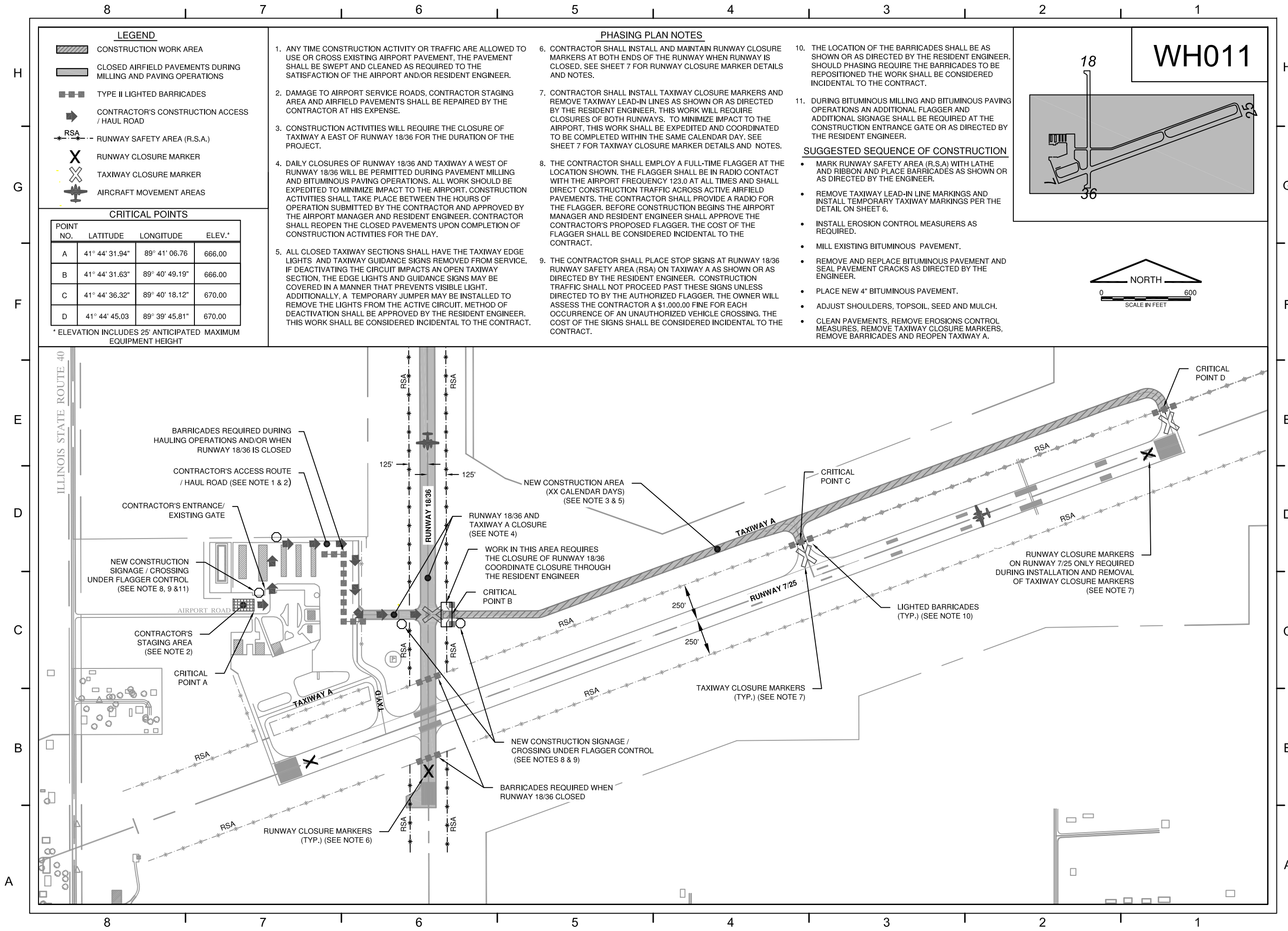
REHABILITATE
TAXIWAY A

SHEET TITLE:
**PHASING PLAN
(PPL1)**

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

SHEET NO. **PPL1** REVISION
SHEET 04 OF 21 SHEETS



LEGEND

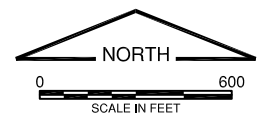
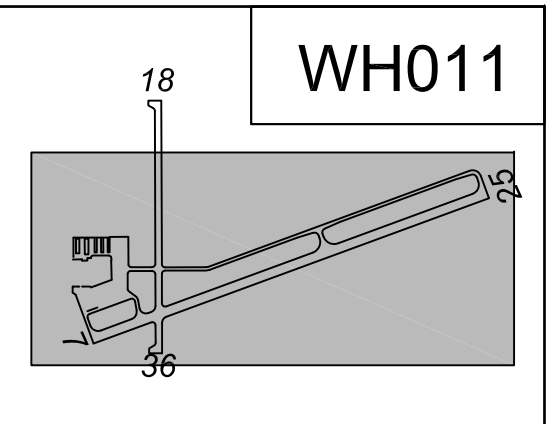
- CONSTRUCTION WORK AREA
- CLOSED AIRFIELD PAVEMENTS DURING MILLING AND PAVING OPERATIONS
- TYPE II LIGHTED BARRICADES
- CONTRACTOR'S CONSTRUCTION ACCESS / HAUL ROAD
- RUNWAY SAFETY AREA (R.S.A.)
- RUNWAY CLOSURE MARKER
- TAXIWAY CLOSURE MARKER
- AIRCRAFT MOVEMENT AREAS

CRITICAL POINTS

POINT NO.	LATITUDE	LONGITUDE	ELEV.*
A	41° 44' 31.94"	89° 41' 06.76"	666.00
B	41° 44' 31.63"	89° 40' 49.19"	666.00
C	41° 44' 36.32"	89° 40' 18.12"	670.00
D	41° 44' 45.03"	89° 39' 45.81"	670.00

* ELEVATION INCLUDES 25' ANTICIPATED MAXIMUM EQUIPMENT HEIGHT

- PHASING PLAN NOTES**
- ANY TIME CONSTRUCTION ACTIVITY OR TRAFFIC ARE ALLOWED TO USE OR CROSS EXISTING AIRPORT PAVEMENT, THE PAVEMENT SHALL BE SWEEPED AND CLEANED AS REQUIRED TO THE SATISFACTION OF THE AIRPORT AND/OR RESIDENT ENGINEER.
 - DAMAGE TO AIRPORT SERVICE ROADS, CONTRACTOR STAGING AREA AND AIRFIELD PAVEMENTS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
 - CONSTRUCTION ACTIVITIES WILL REQUIRE THE CLOSURE OF TAXIWAY A EAST OF RUNWAY 18/36 FOR THE DURATION OF THE PROJECT.
 - DAILY CLOSURES OF RUNWAY 18/36 AND TAXIWAY A WEST OF RUNWAY 18/36 WILL BE PERMITTED DURING PAVEMENT MILLING AND BITUMINOUS PAVING OPERATIONS. ALL WORK SHOULD BE EXPEDITED TO MINIMIZE IMPACT TO THE AIRPORT. CONSTRUCTION ACTIVITIES SHALL TAKE PLACE BETWEEN THE HOURS OF OPERATION SUBMITTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT MANAGER AND RESIDENT ENGINEER. CONTRACTOR SHALL REOPEN THE CLOSED PAVEMENTS UPON COMPLETION OF CONSTRUCTION ACTIVITIES FOR THE DAY.
 - ALL CLOSED TAXIWAY SECTIONS SHALL HAVE THE TAXIWAY EDGE LIGHTS AND TAXIWAY GUIDANCE SIGNS REMOVED FROM SERVICE. IF DEACTIVATING THE CIRCUIT IMPACTS AN OPEN TAXIWAY SECTION, THE EDGE LIGHTS AND GUIDANCE SIGNS MAY BE COVERED IN A MANNER THAT PREVENTS VISIBLE LIGHT. ADDITIONALLY, A TEMPORARY JUMPER MAY BE INSTALLED TO REMOVE THE LIGHTS FROM THE ACTIVE CIRCUIT. METHOD OF DEACTIVATION SHALL BE APPROVED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
 - CONTRACTOR SHALL INSTALL AND MAINTAIN RUNWAY CLOSURE MARKERS AT BOTH ENDS OF THE RUNWAY WHEN RUNWAY IS CLOSED. SEE SHEET 7 FOR RUNWAY CLOSURE MARKER DETAILS AND NOTES.
 - CONTRACTOR SHALL INSTALL TAXIWAY CLOSURE MARKERS AND REMOVE TAXIWAY LEAD-IN LINES AS SHOWN OR AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK WILL REQUIRE CLOSURES OF BOTH RUNWAYS. TO MINIMIZE IMPACT TO THE AIRPORT, THIS WORK SHALL BE EXPEDITED AND COORDINATED TO BE COMPLETED WITHIN THE SAME CALENDAR DAY. SEE SHEET 7 FOR TAXIWAY CLOSURE MARKER DETAILS AND NOTES.
 - THE CONTRACTOR SHALL EMPLOY A FULL-TIME FLAGGER AT THE LOCATION SHOWN. THE FLAGGER SHALL BE IN RADIO CONTACT WITH THE AIRPORT FREQUENCY 123.0 AT ALL TIMES AND SHALL DIRECT CONSTRUCTION TRAFFIC ACROSS ACTIVE AIRFIELD PAVEMENTS. THE CONTRACTOR SHALL PROVIDE A RADIO FOR THE FLAGGER. BEFORE CONSTRUCTION BEGINS THE AIRPORT MANAGER AND RESIDENT ENGINEER SHALL APPROVE THE CONTRACTOR'S PROPOSED FLAGGER. THE COST OF THE FLAGGER SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
 - THE CONTRACTOR SHALL PLACE STOP SIGNS AT RUNWAY 18/36 RUNWAY SAFETY AREA (RSA) ON TAXIWAY A AS SHOWN OR AS DIRECTED BY THE RESIDENT ENGINEER. CONSTRUCTION TRAFFIC SHALL NOT PROCEED PAST THESE SIGNS UNLESS DIRECTED TO BY THE AUTHORIZED FLAGGER. THE OWNER WILL ASSESS THE CONTRACTOR A \$1,000.00 FINE FOR EACH OCCURRENCE OF AN UNAUTHORIZED VEHICLE CROSSING. THE COST OF THE SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
 - THE LOCATION OF THE BARRICADES SHALL BE AS SHOWN OR AS DIRECTED BY THE RESIDENT ENGINEER. SHOULD PHASING REQUIRE THE BARRICADES TO BE REPOSITIONED THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
 - DURING BITUMINOUS MILLING AND BITUMINOUS PAVING OPERATIONS AN ADDITIONAL FLAGGER AND ADDITIONAL SIGNAGE SHALL BE REQUIRED AT THE CONSTRUCTION ENTRANCE GATE OR AS DIRECTED BY THE RESIDENT ENGINEER.
- SUGGESTED SEQUENCE OF CONSTRUCTION**
- MARK RUNWAY SAFETY AREA (R.S.A.) WITH LATHE AND RIBBON AND PLACE BARRICADES AS SHOWN OR AS DIRECTED BY THE ENGINEER.
 - REMOVE TAXIWAY LEAD-IN LINE MARKINGS AND INSTALL TEMPORARY TAXIWAY MARKINGS PER THE DETAIL ON SHEET 6.
 - INSTALL EROSION CONTROL MEASURES AS REQUIRED.
 - MILL EXISTING BITUMINOUS PAVEMENT.
 - REMOVE AND REPLACE BITUMINOUS PAVEMENT AND SEAL PAVEMENT CRACKS AS DIRECTED BY THE ENGINEER.
 - PLACE NEW 4" BITUMINOUS PAVEMENT.
 - ADJUST SHOULDERS, TOPSOIL, SEED AND MULCH.
 - CLEAN PAVEMENTS, REMOVE EROSIONS CONTROL MEASURES, REMOVE TAXIWAY CLOSURE MARKERS, REMOVE BARRICADES AND REOPEN TAXIWAY A.



WH011



Whiteside County Airport
Sterling/Rock Falls, Illinois

Whiteside County
Airport Board

SBG Proj: 3-17-SBGP-XX
IL Proj: SQI-4110

APPROVED AS WORKING PLAN
BY:

REV DATE DESCRIPTION
PROJECT NAME:

REHABILITATE
TAXIWAY A

SHEET TITLE:
PHASING PLAN DETAILS
(CPD1)

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

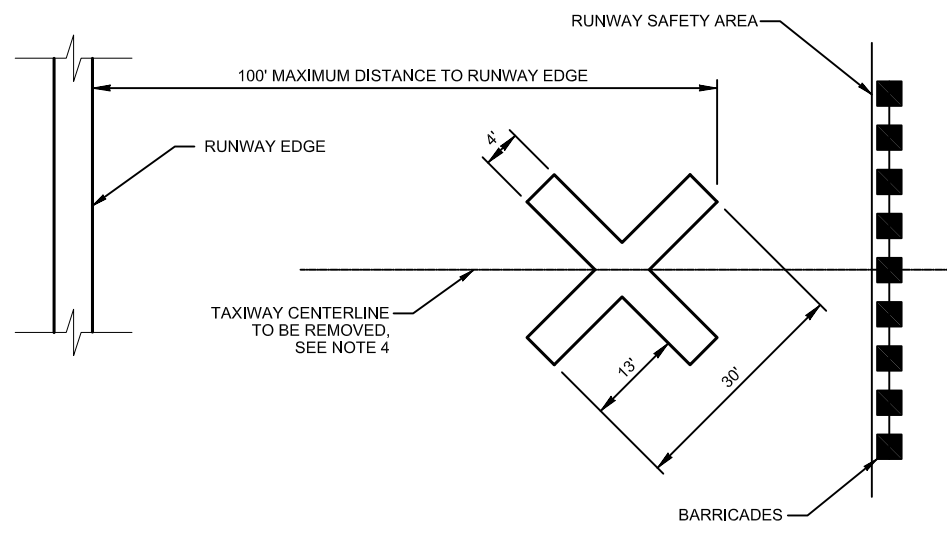
SHEET NO. **CPD1** REVISION

SHEET 06 OF 21 SHEETS



RUNWAY CLOSURE MARKERS NOTES

1. THE CONTRACTOR SHALL USE THE LIGHTED RUNWAY CLOSURE MARKERS PROVIDED BY THE AIRPORT. IF THE LIGHTED RUNWAY CLOSURE MARKERS ARE NOT AVAILABLE, THE CONTRACTOR WILL BE REQUIRED TO INSTALL RUNWAY CLOSURE MARKERS AS DETAILED ABOVE.
2. CLOSED RUNWAY MARKERS SHALL BE YELLOW.
3. MARKERS SHALL BE A MATERIAL APPROVED BY THE ENGINEER AND THE AIRPORT.
4. CONTRACTOR SHALL MAINTAIN AND RELOCATE MARKERS AS SHOWN ON THE PLANS OR AS NEEDED TO FACILITATE CONSTRUCTION.
5. MARKERS SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS AS SHOWN.
6. COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING MARKERS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
7. DAILY CLOSURES OF RUNWAY 18/36 WILL BE REQUIRED DURING BITUMINOUS PAVING AND BITUMINOUS MILLING OPERATIONS. THE CONTRACTOR SHALL MARK THE RUNWAY TO BE CLOSED BY PLACING A YELLOW CROSS AT THE LOCATION AND DIMENSIONS DETAILED ON THIS SHEET OR AS DIRECTED BY THE ENGINEER AND AIRPORT. THE CROSSES ARE SHOWN ON THE RESPECTIVE RUNWAYS ACCORDING TO THE VARIOUS PHASES OF WORK AS DELINEATED IN THE SUGGESTED SEQUENCE OF CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REMOVE THE YELLOW CROSSES AT THE END OF EACH DAYS WORK AND REOPEN THE RUNWAY.

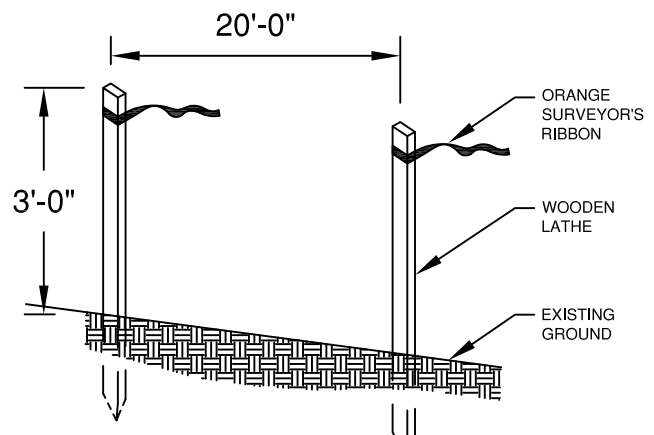


TYPICAL TAXIWAY CLOSURE MARKER DETAIL

NOT TO SCALE

TAXIWAY CLOSURE MARKER NOTES

1. THE TAXIWAY CLOSURE MARKER CAN BE PAINTED WITH TEMPORARY MARKING CAPABLE OF BEING REMOVED WITH LOW PRESSURE WATER BLASTING, OR CAN BE ANOTHER MATERIAL THAT DOES NOT VIOLATE THE OFA CRITERIA AND IS APPROVED BY THE ENGINEER AND THE AIRPORT.
2. THE TAXIWAY CLOSURE MARKER SHALL BE YELLOW AND ADEQUATELY SECURED TO WITHSTAND JET BLAST OF 100 MPH.
3. THE MARKER SHALL BE PLACED OVER THE TAXIWAY CENTERLINE.
4. THE TAXIWAY LEAD-IN LINES AND CENTERLINE WITHIN THE RUNWAY SAFETY AREA (R.S.A.) SHALL BE REMOVED. THE REMOVAL OF THESE MARKINGS WILL NOT BE PAID FOR BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
5. THE INSTALLATION AND REMOVAL OF THE TAXIWAY CLOSURE MARKERS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
6. TAXIWAY CLOSURE MARKERS ARE ONLY REQUIRED FOR CLOSURES EXCEEDING 72 HOURS IN DURATION.

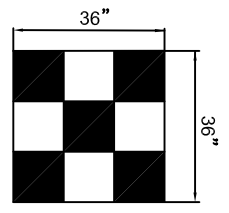


CONSTRUCTION SETBACK LINE DETAIL

NOT TO SCALE

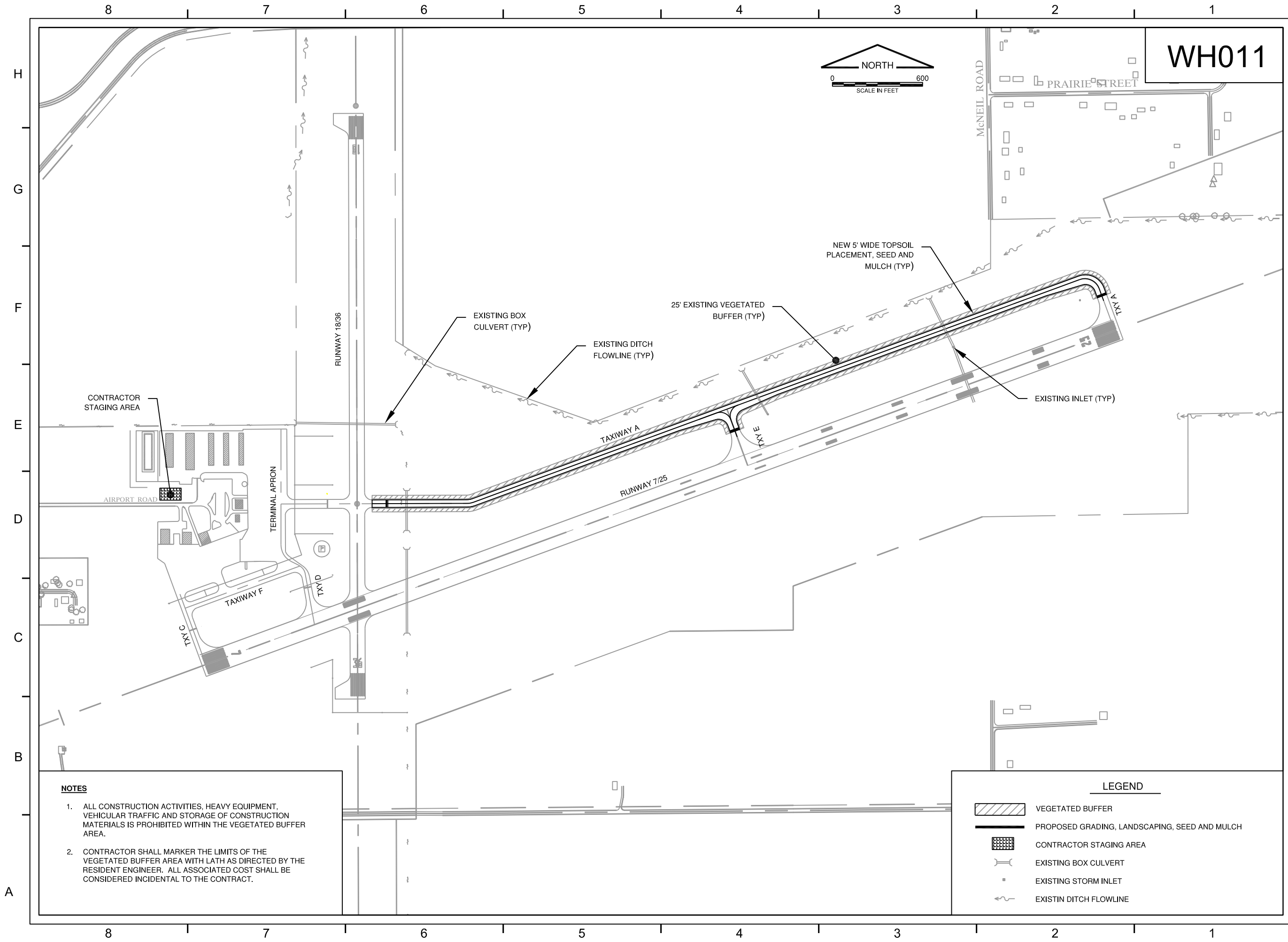
CONSTRUCTION SETBACK NOTES

1. CONTRACTOR SHALL MARKER THE RUNWAY SAFETY AREA PER THE CONSTRUCTION SETBACK DETAIL AS DIRECTED BY THE RESIDENT ENGINEER.
2. ALL COST ASSOCIATED WITH THE CONSTRUCTION SETBACK LINE SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.



CONSTRUCTION EQUIPMENT AND TRUCK SIGNAL FLAG

NOT TO SCALE



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Sterling/Rock Falls, Illinois

Whiteside County
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APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

**REHABILITATE
TAXIWAY A**

SHEET TITLE:
**STORMWATER
POLLUTION PREVENTION
PLAN**

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

SHEET NO. **SWP1** REVISION

SHEET 07 OF 21 SHEETS

- NOTES**
- ALL CONSTRUCTION ACTIVITIES, HEAVY EQUIPMENT, VEHICULAR TRAFFIC AND STORAGE OF CONSTRUCTION MATERIALS IS PROHIBITED WITHIN THE VEGETATED BUFFER AREA.
 - CONTRACTOR SHALL MARKER THE LIMITS OF THE VEGETATED BUFFER AREA WITH LATH AS DIRECTED BY THE RESIDENT ENGINEER. ALL ASSOCIATED COST SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

LEGEND

	VEGETATED BUFFER
	PROPOSED GRADING, LANDSCAPING, SEED AND MULCH
	CONTRACTOR STAGING AREA
	EXISTING BOX CULVERT
	EXISTING STORM INLET
	EXISTING DITCH FLOWLINE

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Whiteside County Airport
Sterling/Rock Falls, Illinois

Whiteside County
Airport Board

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REV	DATE	DESCRIPTION

PROJECT NAME:

REHABILITATE
TAXIWAY A

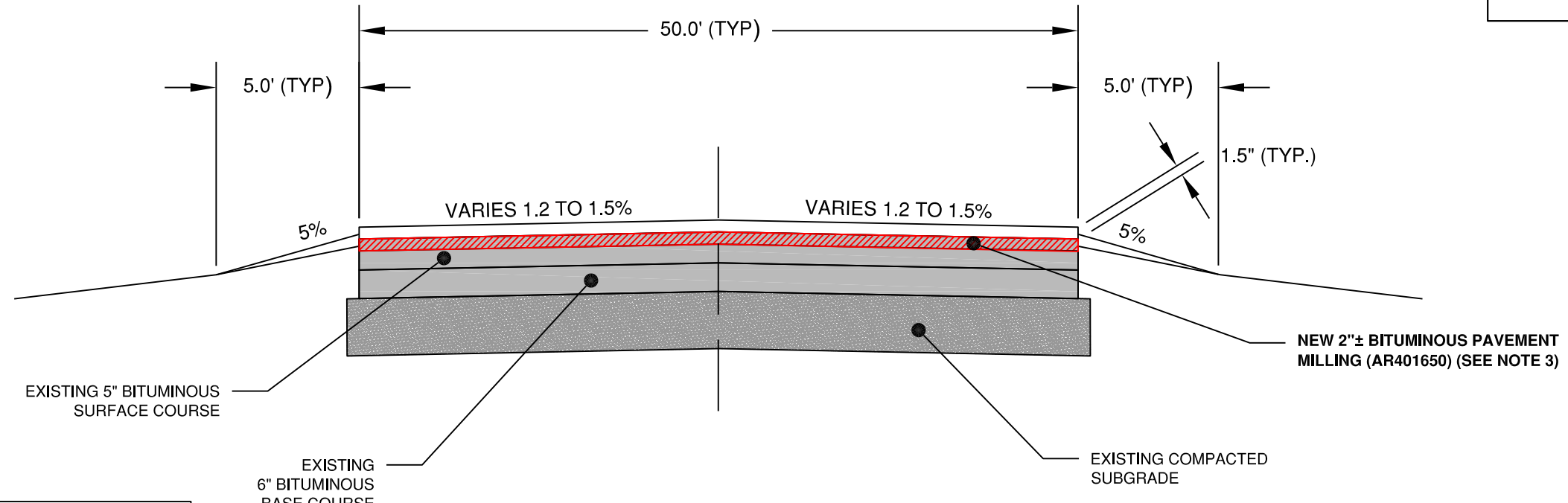
SHEET TITLE:
TYPICAL SECTIONS

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

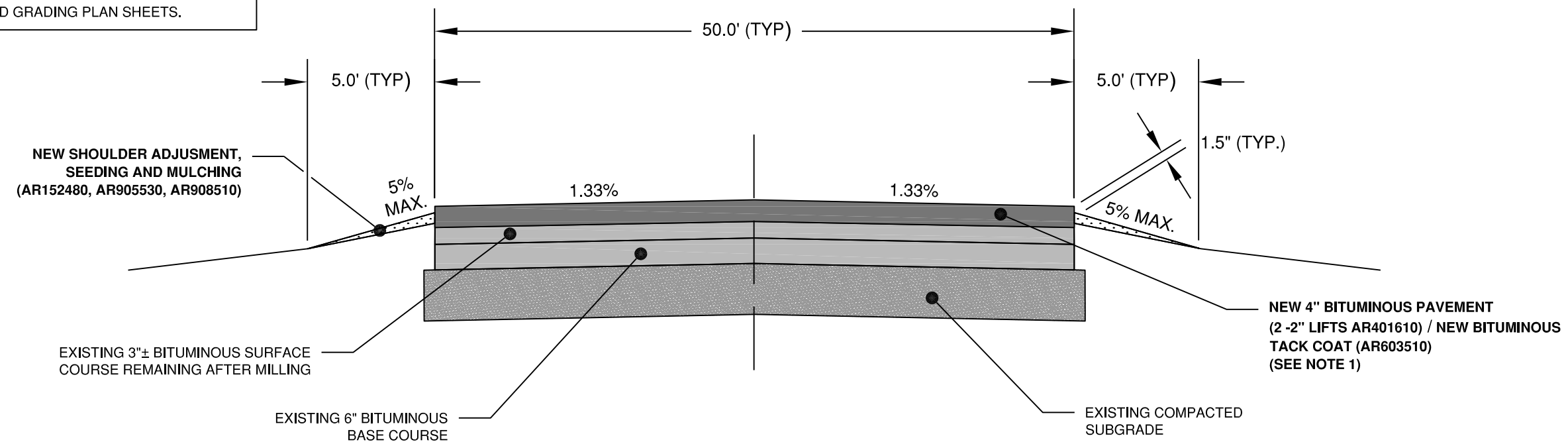
SHEET NO. **TYP1** REVISION

SHEET 09 OF 21 SHEETS



EXISTING TAXIWAY A TYPICAL SECTION

- GENERAL NOTES:**
1. BITUMINOUS TACK COAT SHALL BE PLACED ON EXISTING BITUMINOUS PAVEMENT PRIOR TO PLACING NEW BITUMINOUS PAVEMENT AND BETWEEN LIFTS OF NEW BITUMINOUS PAVEMENT.
 2. FOR DETAILED GRADING SEE GRADING PLAN.
 3. PAVEMENT MILLING DEPTH SHOWN IS FOR VISUAL REFERENCE ONLY. EXACT PAVEMENT MILLING DEPTHS SHALL BE DETERMINED FROM THE PLAN AND PROFILE AND GRADING PLAN SHEETS.



EXISTING TAXIWAY A TYPICAL SECTION



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REV	DATE	DESCRIPTION

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**REHABILITATE
TAXIWAY A**

SHEET TITLE:

**EXISTING CONDITIONS /
REMOVALS**

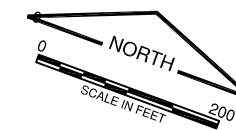
DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

PROJECT NO.: 15292-02-00/06
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SHEET NO. **EXC1** REVISION

SHEET 10 OF 21 SHEETS

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NOTES

1. REMOVE AND REPLACE BITUMINOUS PAVEMENT (AR401910) AND SAND MIX CRACK REPAIR (AR201663) LOCATIONS SHALL BE AS DIRECTED BY THE RESIDENT ENGINEER.
2. SAND MIX CRACK REPAIR SHALL BE COMPLETED AFTER THE PAVEMENT MILLING HAS BEEN COMPLETED.
3. REMOVE ALL PORTIONS OF THE EXISTING RUNWAY HOLD POSITION MARKINGS THAT REMAIN AFTER MILLING OPERATIONS ARE COMPLETE PRIOR TO PAINTING NEW MARKINGS. REMOVAL OF EXISTING MARKINGS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

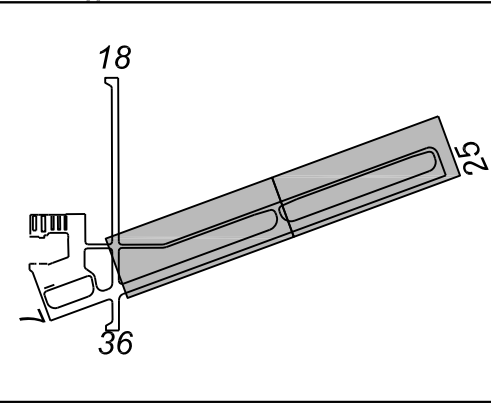
NEW REMOVE AND REPLACE BITUMINOUS PAVEMENT (AR401910) AND SAND MIX CRACK REPAIR (AR201663) VARIOUS LOCATIONS (SEE NOTES 1 & 2)

NEW 2"± BITUMINOUS PAVEMENT MILLING (AR401650)

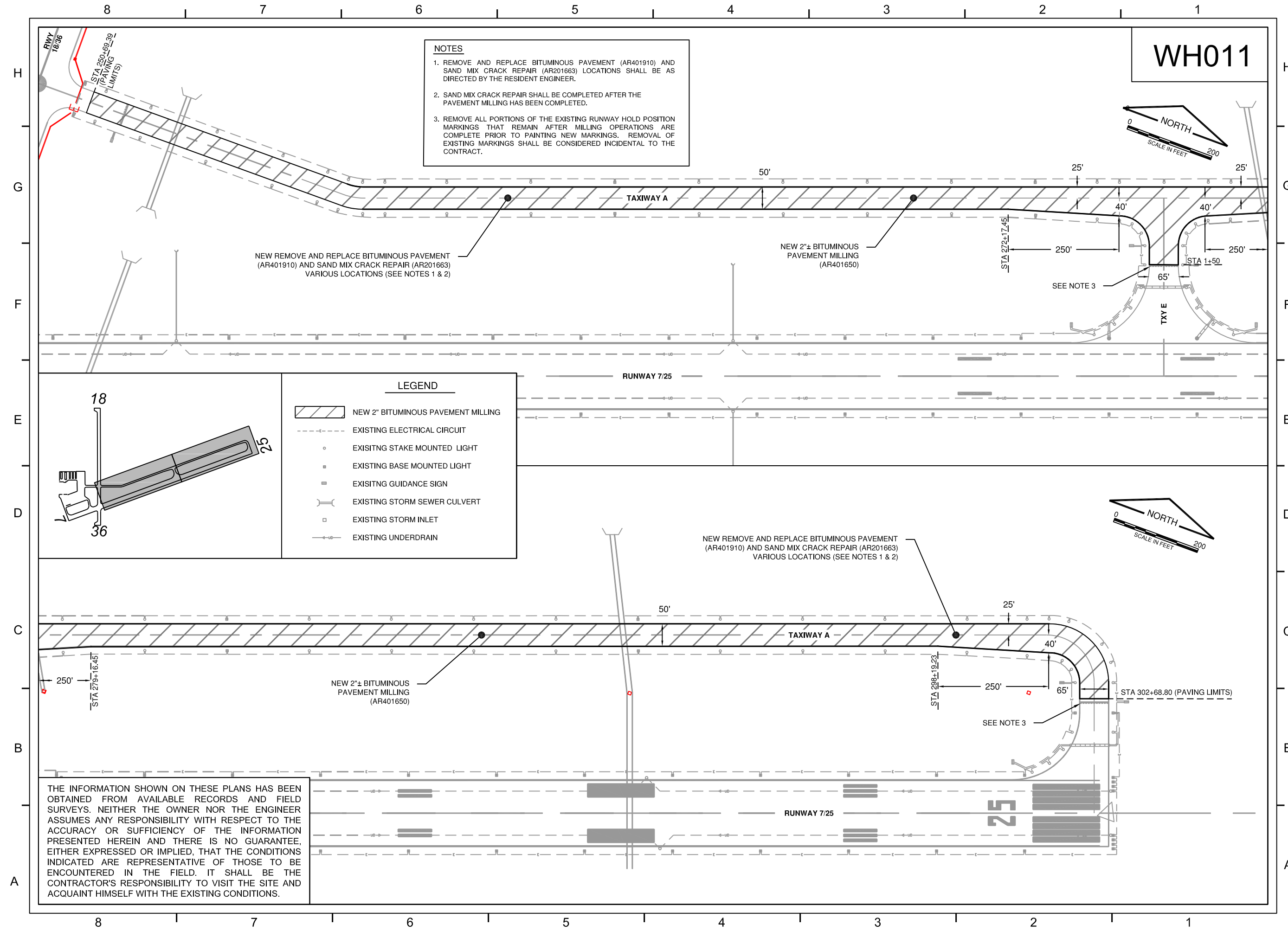
NEW REMOVE AND REPLACE BITUMINOUS PAVEMENT (AR401910) AND SAND MIX CRACK REPAIR (AR201663) VARIOUS LOCATIONS (SEE NOTES 1 & 2)

LEGEND

- NEW 2" BITUMINOUS PAVEMENT MILLING
- EXISTING ELECTRICAL CIRCUIT
- EXISTING STAKE MOUNTED LIGHT
- EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN
- EXISTING STORM SEWER CULVERT
- EXISTING STORM INLET
- EXISTING UNDERDRAIN



THE INFORMATION SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS AND FIELD SURVEYS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WITH RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION PRESENTED HEREIN AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE FIELD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS.





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REV	DATE	DESCRIPTION

PROJECT NAME:
REHABILITATE TAXIWAY A

SHEET TITLE:
**TXY A
PLAN AND PROFILE 5**

DESIGNED:	DRAWN:	CHECKED:
CMT-RFD	CMT-RFD	CMT-ARR





PROJECT NO.: 15292-02-00/06
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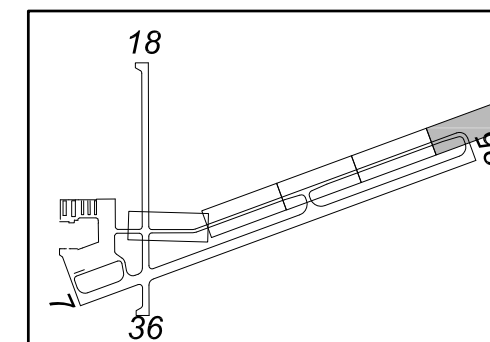
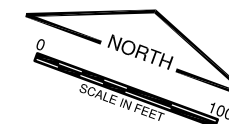
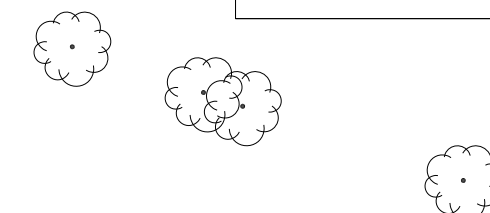
SHEET NO.	REVISION
APP5	

SHEET 15 OF 21 SHEETS

WH011

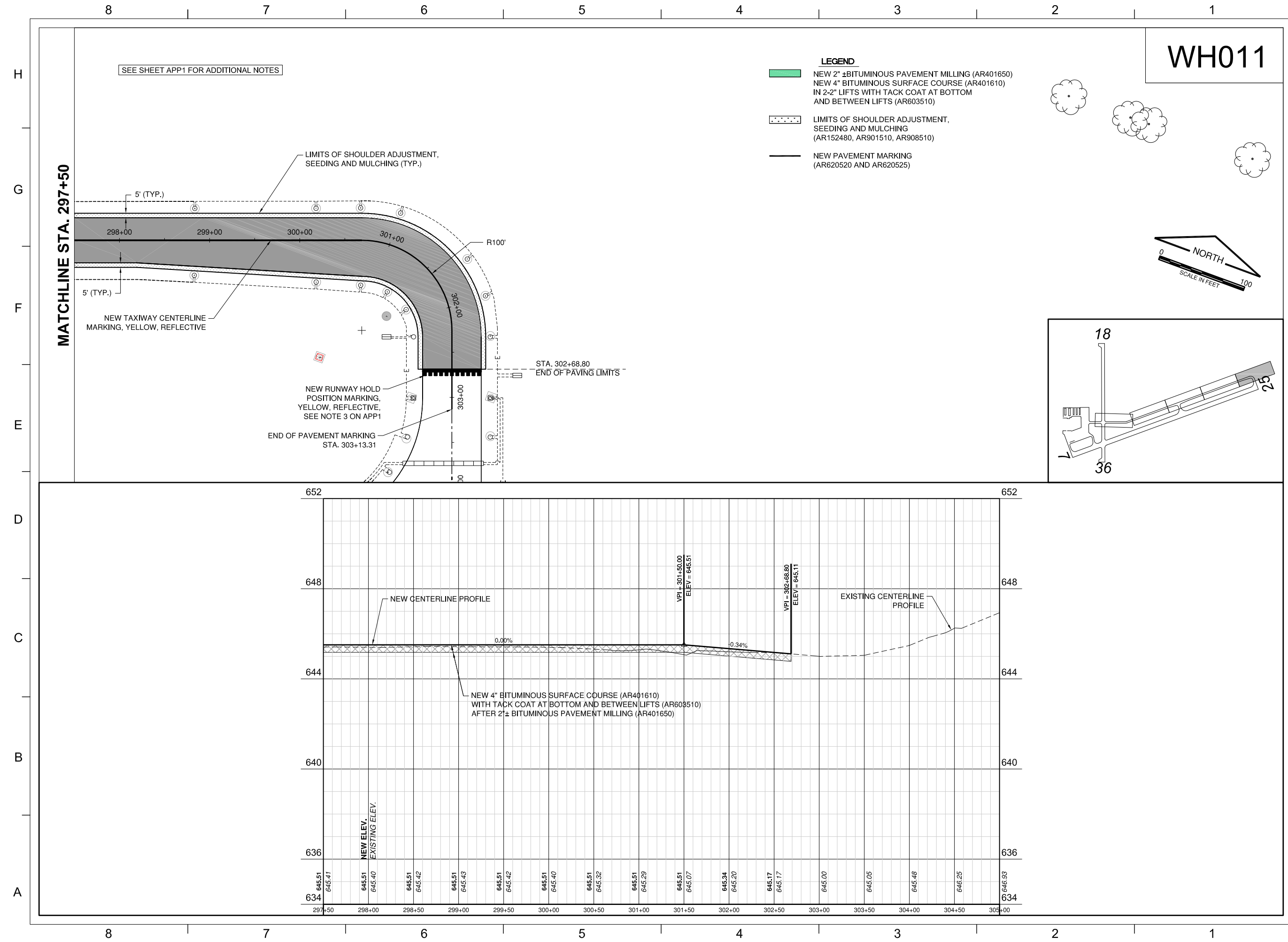
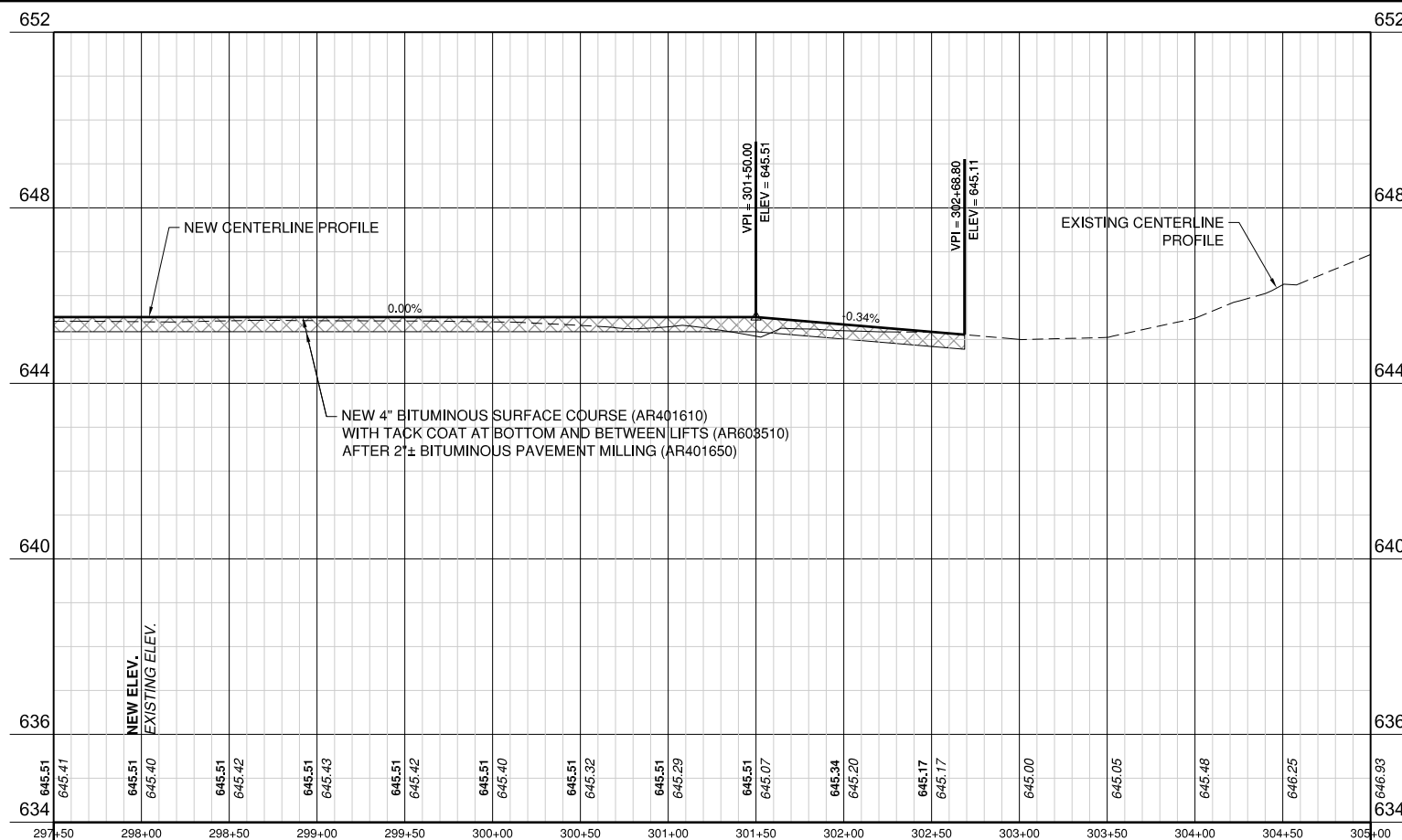
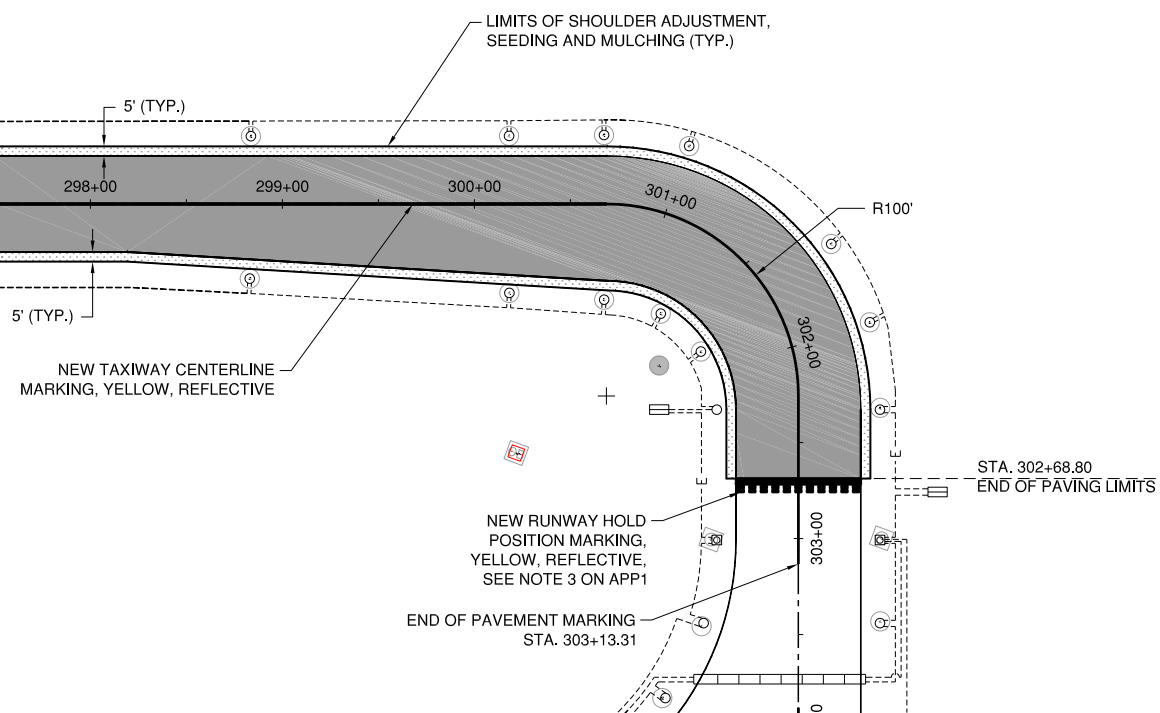
LEGEND

-  NEW 2" ±BITUMINOUS PAVEMENT MILLING (AR401650)
-  NEW 4" BITUMINOUS SURFACE COURSE (AR401610) IN 2-2" LIFTS WITH TACK COAT AT BOTTOM AND BETWEEN LIFTS (AR603510)
-  LIMITS OF SHOULDER ADJUSTMENT, SEEDING AND MULCHING (AR152480, AR901510, AR908510)
-  NEW PAVEMENT MARKING (AR620520 AND AR620525)



MATCHLINE STA. 297+50

SEE SHEET APP1 FOR ADDITIONAL NOTES



WH011



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TAXIWAY A

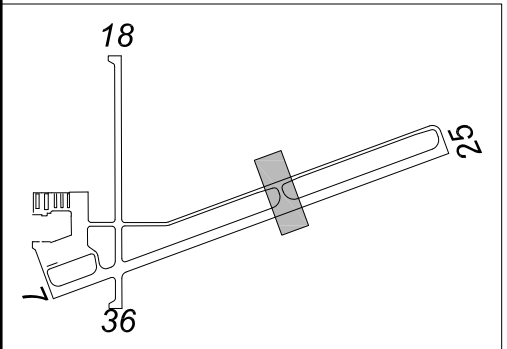
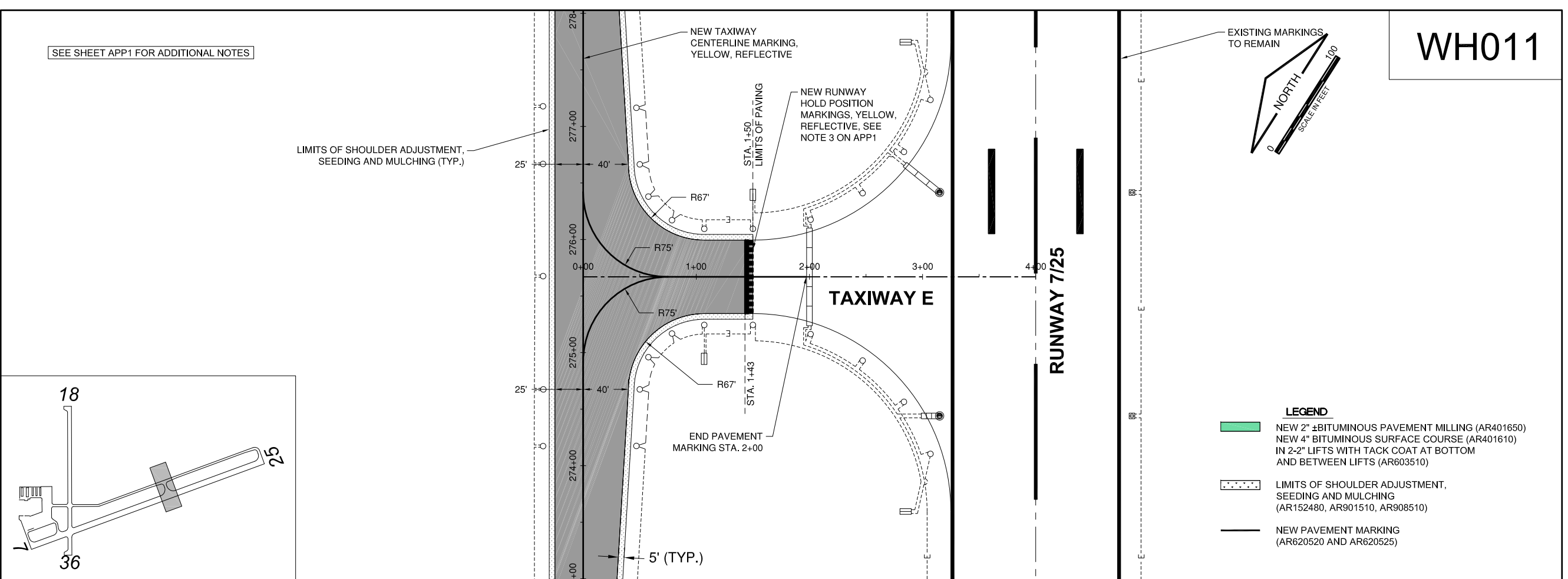
SHEET TITLE:
TXY E
PLAN AND PROFILE 1

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

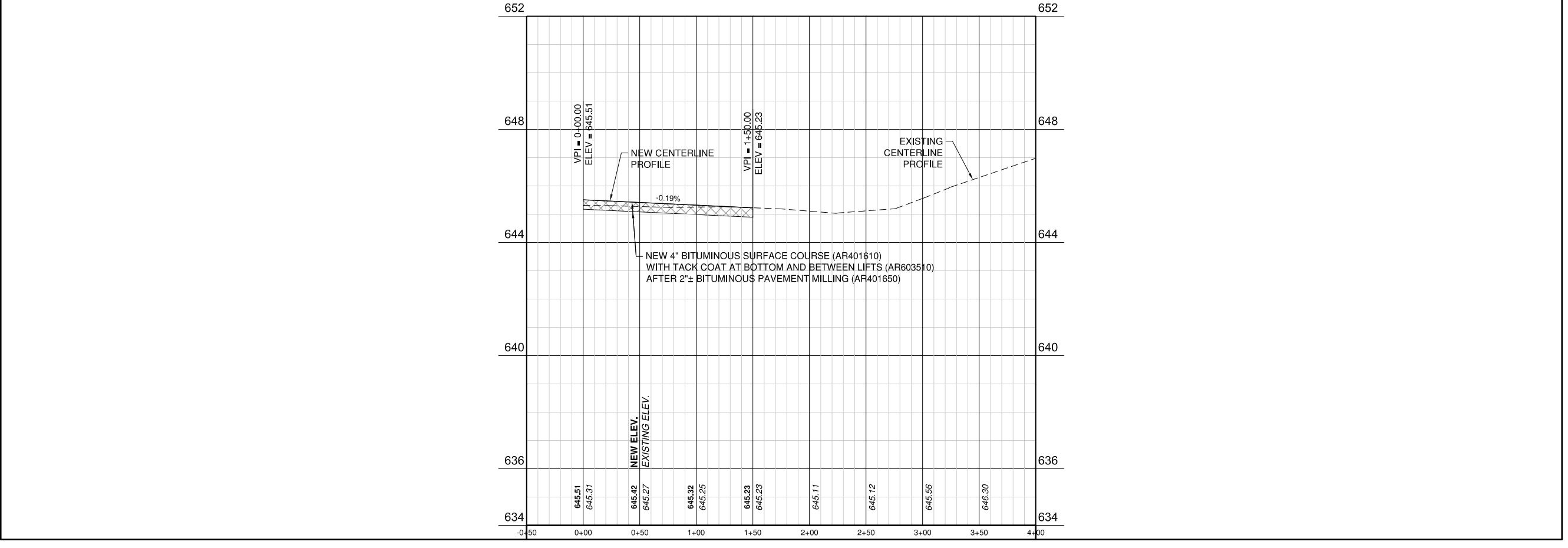
PROJECT NO.: 15292-02-00/06
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SHEET NO. **EPP1** REVISION

SHEET 16 OF 21 SHEETS



- LEGEND**
- NEW 2" ± BITUMINOUS PAVEMENT MILLING (AR401650)
 - NEW 4" BITUMINOUS SURFACE COURSE (AR401610) IN 2-2" LIFTS WITH TACK COAT AT BOTTOM AND BETWEEN LIFTS (AR603510)
 - LIMITS OF SHOULDER ADJUSTMENT, SEEDING AND MULCHING (AR152480, AR901510, AR908510)
 - NEW PAVEMENT MARKING (AR620520 AND AR620525)



SEE SHEET APP1 FOR ADDITIONAL NOTES



Whiteside County Airport
Sterling/Rock Falls, Illinois

Whiteside County
Airport Board

SBG Proj: 3-17-SBGP-XX
IL Proj: SQI-4110

APPROVED AS WORKING PLAN
BY:

REV DATE DESCRIPTION
PROJECT NAME:

REHABILITATE
TAXIWAY A

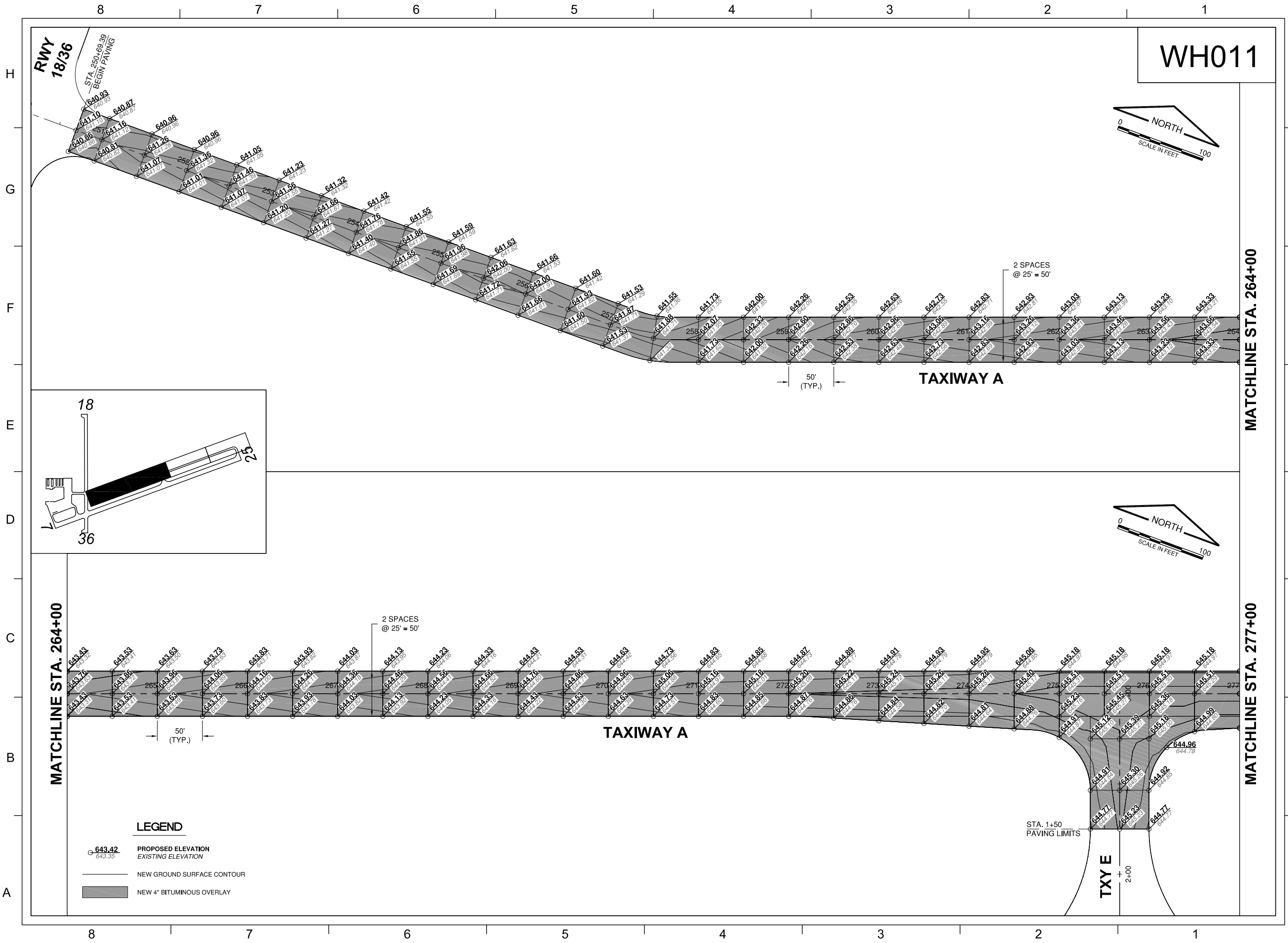
SHEET TITLE:
**TAXIWAY GRADING
PLAN 1**

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

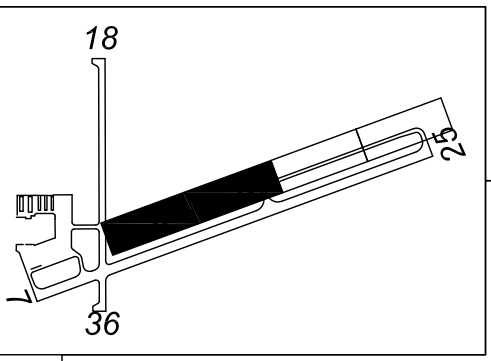
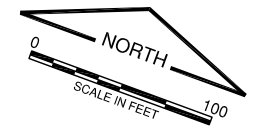
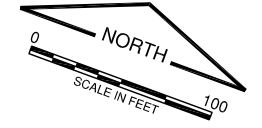
PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

SHEET NO. **TGP1** REVISION

SHEET 17 OF 21 SHEETS



WH011



LEGEND

- 643.42
643.35 **PROPOSED ELEVATION**
EXISTING ELEVATION
- NEW GROUND SURFACE CONTOUR
- NEW 4" BITUMINOUS OVERLAY

2 SPACES
@ 25' = 50'

50'
(TYP.)

TAXIWAY A

2 SPACES
@ 25' = 50'

TAXIWAY A

STA. 1+50
PAVING LIMITS

TXYE
+2+00

MATCHLINE STA. 264+00

MATCHLINE STA. 277+00

MATCHLINE STA. 264+00

8 7 6 5 4 3 2 1

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Whiteside County Airport
Sterling/Rock Falls, Illinois

Whiteside County
Airport Board

SBG Proj: 3-17-SBGP-XX
IL Proj: SQI-4110

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

**REHABILITATE
TAXIWAY A**

SHEET TITLE:

**TAXIWAY GRADING
PLAN 2**

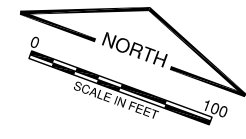
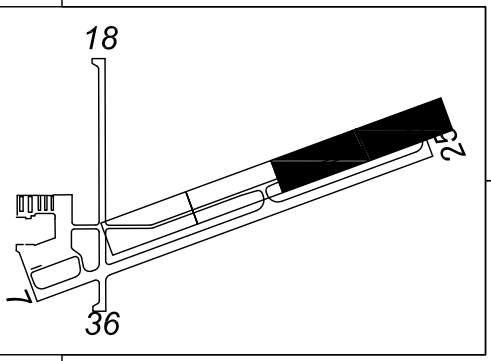
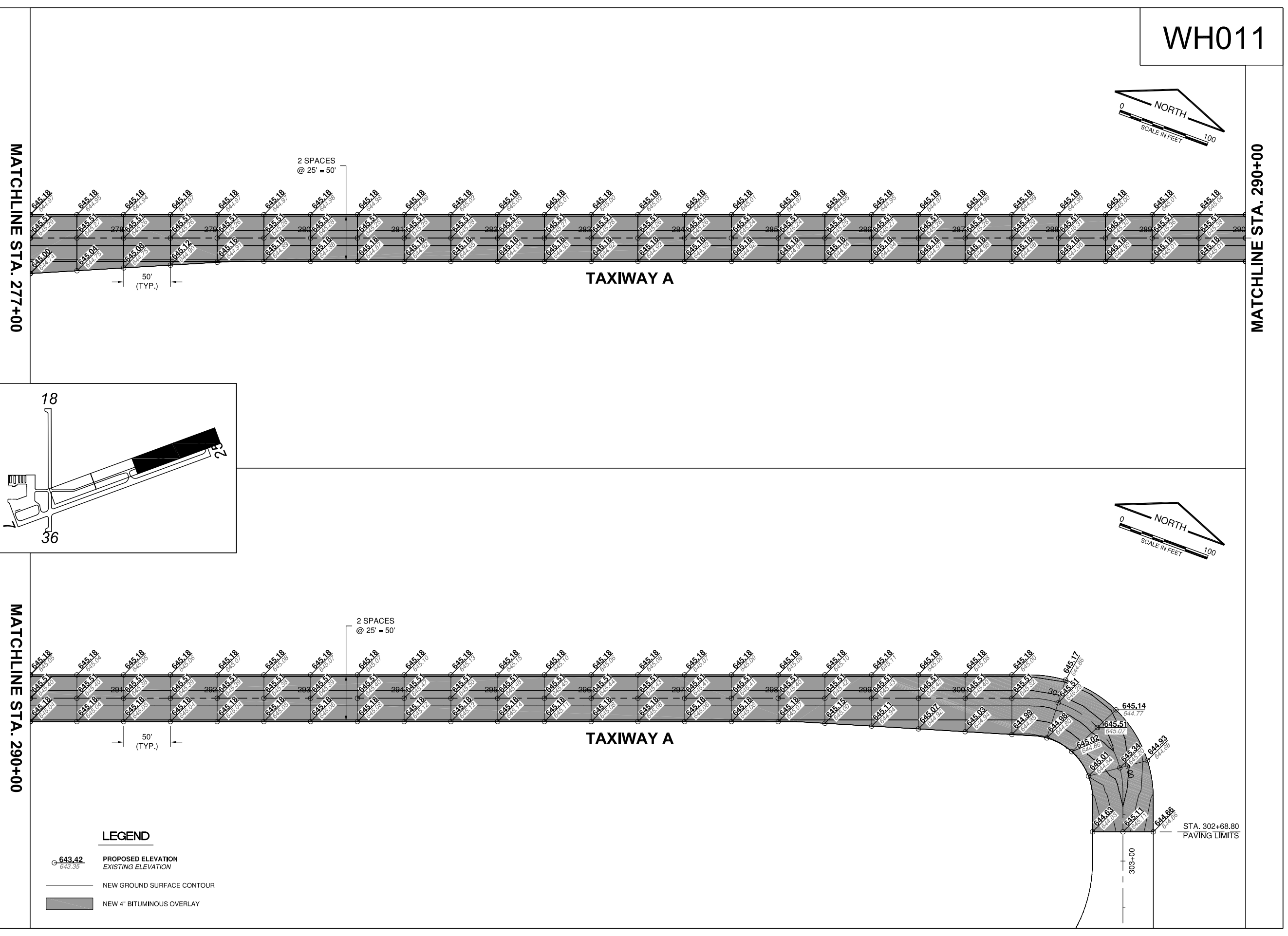
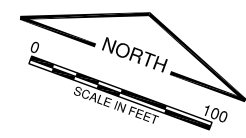
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PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

SHEET NO. **TGP2** REVISION

SHEET 18 OF 21 SHEETS

WH011



LEGEND

- 643.42
643.35 PROPOSED ELEVATION
EXISTING ELEVATION
- NEW GROUND SURFACE CONTOUR
- NEW 4" BITUMINOUS OVERLAY



Whiteside County Airport
Sterling/Rock Falls, Illinois

Whiteside County
Airport Board

SBG Proj: 3-17-SBGP-XX
IL Proj: SQI-4110

APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:
REHABILITATE TAXIWAY A

SHEET TITLE:
ENGINEERING INFORMATION

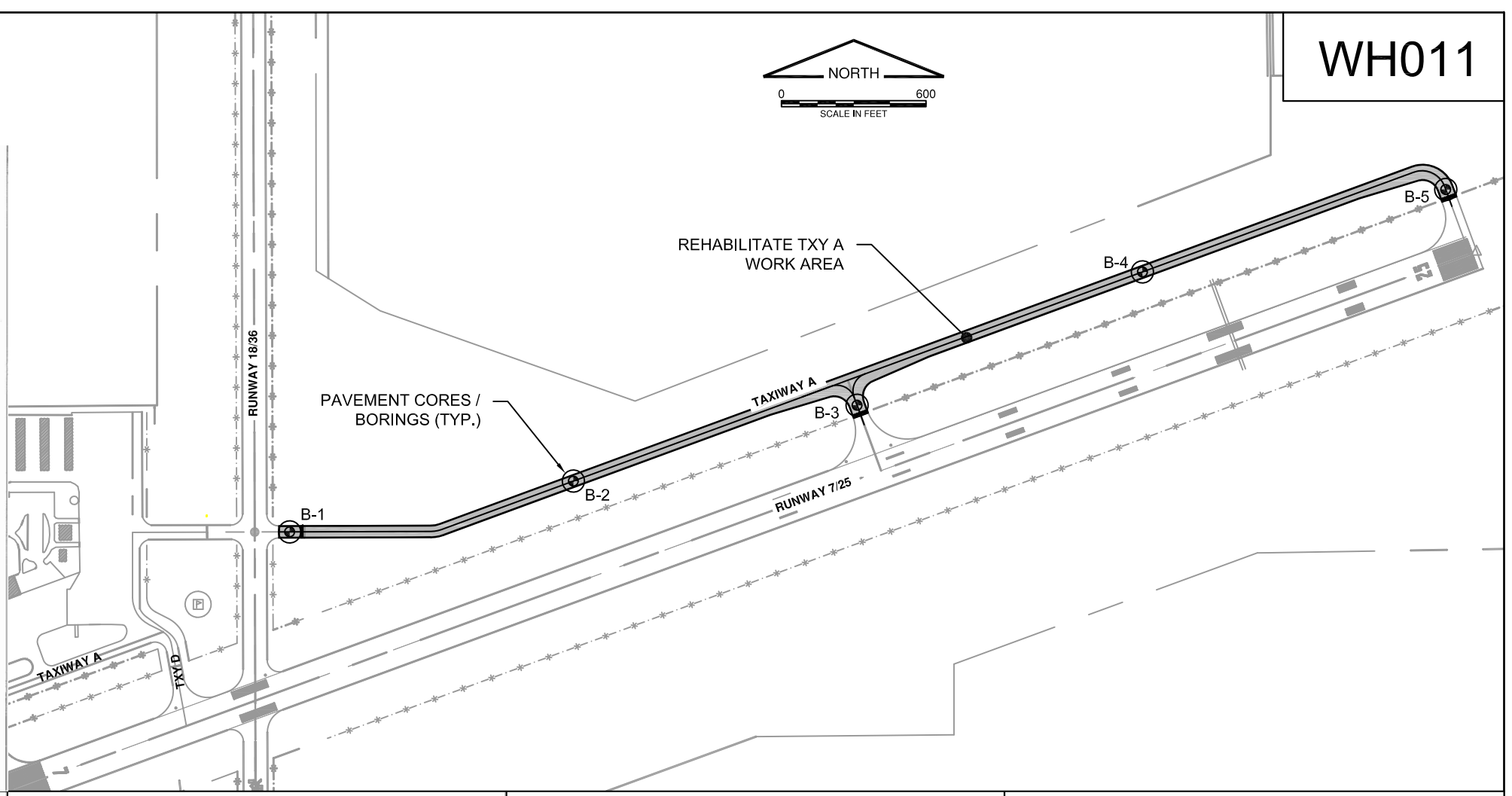
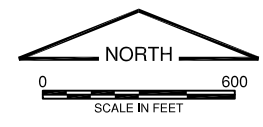
DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: CMT-ARR

PROJECT NO.: 15292-02-00/06
DATE: JUNE 26, 2015

SHEET NO. **ENG1** REVISION

SHEET 21 OF 21 SHEETS

WH011



PROJECT Rehabilitate Taxiway A, Whiteside County Airport, Rock Falls, Illinois
CLIENT Crawford, Murphy and Tilly, Inc., Rockford, Illinois
BORING 1 DATE STARTED 5-5-15 DATE COMPLETED 5-5-15 JOB L-83,227

SAMPLE NO.	TYPE	N	WC	Qu	Y	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	21	6.8			1.0	16.1	11.0" Hot-Mix Asphalt Surface and Binder Course(s) (2.5"S, 2.5"S, 2.5"B, 2.5"B, 1.5"B)
2	SS	19	13.3			2.0	15.2	FILL - Gray and dark brown silty CLAY, little sand and clayey TOPSOIL, very moist (CL/CL)
3	SS	18	13.3			3.0	14.3	Firm light brown fine to medium SAND, trace silt, moist to very moist (SP-SM)

End of Boring at 5.0'

PROJECT Rehabilitate Taxiway A, Whiteside County Airport, Rock Falls, Illinois
CLIENT Crawford, Murphy and Tilly, Inc., Rockford, Illinois
BORING 2 DATE STARTED 5-5-15 DATE COMPLETED 5-5-15 JOB L-83,227

SAMPLE NO.	TYPE	N	WC	Qu	Y	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	17	7.5			1.0	15.6	11.3" Hot-Mix Asphalt Surface and Binder Course(s) (2.5"S, 2.5", 1.2"B, 2.5"B, 2.8"B)
2	SS	34	5.9			1.5	14.7	FILL - Dark grayish-brown and brown clayey SAND and silty SAND, trace wood fragments, moist (SC/SM)
3	SS	34	5.9			3.0	13.8	Firm to dense grayish-brown SAND, trace silt, moist (SP-SM)

End of Boring at 5.0'

PROJECT Rehabilitate Taxiway A, Whiteside County Airport, Rock Falls, Illinois
CLIENT Crawford, Murphy and Tilly, Inc., Rockford, Illinois
BORING 3 DATE STARTED 5-5-15 DATE COMPLETED 5-5-15 JOB L-83,227

SAMPLE NO.	TYPE	N	WC	Qu	Y	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	17	8.1			1.2	11.4	14.3" Hot-Mix Asphalt Surface and Binder Course(s) (2.5"S, 2.5"S, 4.0"B, 3.3"B, 2.0"B)
2	SS	17	8.1			2.0	10.6	Firm brown silty SAND, trace clay, moist (SM)
3	SS	17	8.1			3.0	9.7	Firm grayish-brown clayey SAND, moist (SC)
4	SS	17	8.1			4.0	8.8	Firm light grayish-brown SAND, trace clay, moist (SP-SC)

End of Boring at 5.0'

PROJECT Rehabilitate Taxiway A, Whiteside County Airport, Rock Falls, Illinois
CLIENT Crawford, Murphy and Tilly, Inc., Rockford, Illinois
BORING 4 DATE STARTED 5-5-15 DATE COMPLETED 5-5-15 JOB L-83,227

SAMPLE NO.	TYPE	N	WC	Qu	Y	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	21	9.3	2.5"		2.0	11.4	11.0" Hot-Mix Asphalt Surface and Binder Course(s) (1.5"S, 1.8"S, 2.0"S, 2.5"B, 2.0"B, 2.1"B)
2	SS	6	11.4			3.0	10.5	Tough to very tough grayish-brown silty CLAY, some sand, very moist (CL)
3	SS	6	11.4			4.0	9.6	Firm brown to light brown silty SAND, moist (SM)

End of Boring at 5.0'

PROJECT Rehabilitate Taxiway A, Whiteside County Airport, Rock Falls, Illinois
CLIENT Crawford, Murphy and Tilly, Inc., Rockford, Illinois
BORING 5 DATE STARTED 5-5-15 DATE COMPLETED 5-5-15 JOB L-83,227

SAMPLE NO.	TYPE	N	WC	Qu	Y	DEPTH	ELEV.	SOIL DESCRIPTIONS
1	SS	21	11.1			0.8	12.1	8.5" Hot-Mix Asphalt Surface and Binder Course(s) (2.2"S, 2.5"B, 1.6"S, 3.6"B)
2	SS	19	12.8			3.0	11.2	Tough dark grayish-brown silty CLAY, some sand, very moist (CL)
3	SS	19	12.8			4.0	10.3	Firm light brown silty SAND, trace clay, moist (SM)

End of Boring at 5.0'

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

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