

ITEM NO. 01A

IDOT LETTING: JUNE 12, 2020

TOTAL SHEETS = 21

CONTRACT NO. B0005

# VILLAGE OF BOLINGBROOK BOLINGBROOK, ILLINOIS

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

## CONSTRUCTION PLANS FOR BOLINGBROOK'S CLOW INTERNATIONAL AIRPORT

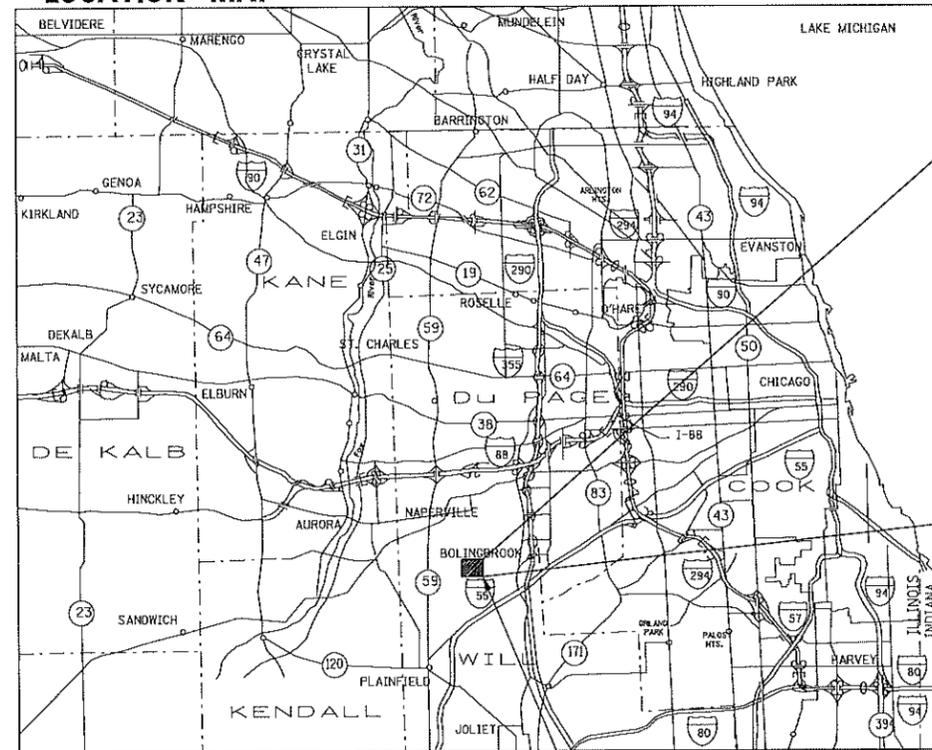
# REHABILITATE AIRCRAFT PARKING APRON PAVEMENTS, PHASE 2

ILLINOIS PROJECT: 1C5-4680

AIP PROJECT NO. : 3-17-SBGP-133/139/144

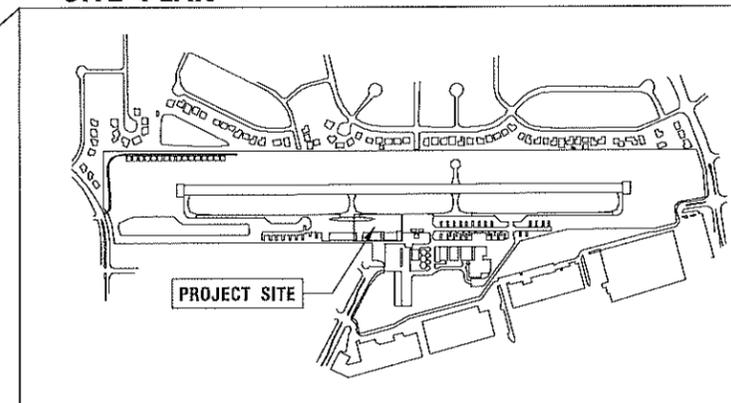
PLANS ISSUED DATE: APRIL 17, 2020

LOCATION MAP



CLOW INTERNATIONAL AIRPORT

SITE PLAN



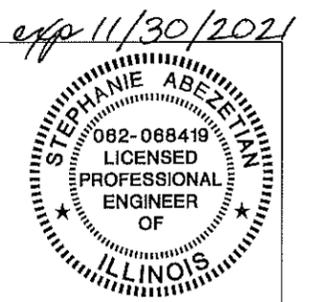
**KNIGHT**

Engineers & Architects

221 North LaSalle Street  
Suite 300  
Chicago, IL 60601-1211  
Phone: (312) 577-3300

*Stephanie A. Abezetian*

SUBMITTED BY  
STEPHANIE ABEZETIAN, PE PROJECT ENGINEER



APRIL 17, 2020  
DATE

*exp 11/30/2021*



Village of Bolingbrook  
375 West Briarcliff Road  
Bolingbrook, IL 60440  
Phone: (630) 228-8400

*Lucas Rickelman*  
LUCAS RICKELMAN  
DIRECTOR OF PUBLIC SERVICES & DEVELOPMENT

5/7/2020  
DATE

INDEX OF SHEETS	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SHEET INDEX AND SUMMARY OF QUANTITIES
3	SITE PLAN AND GENERAL NOTES
4	STAGING PLAN
5	CONSTRUCTION AND SAFETY NOTES AND DETAILS
6	REMOVAL PLAN
7	PROPOSED PLAN
8	TYPICAL SECTION AND PAVEMENT DETAILS
9	DRAINAGE PLAN
10	UNDERDRAIN DETAILS
11	GRADING PLAN, EARTHWORK TABLE, LANDSCAPING PLAN
12	CROSS SECTIONS
13	CROSS SECTIONS
14	CROSS SECTIONS
15	CROSS SECTIONS
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17	TIE DOWN SCHEDULE AND DETAILS
18	STORMWATER POLLUTION PREVENTION PLAN (SWPP)
19	STORMWATER POLLUTION PREVENTION PLAN (SWPP) NOTES AND DETAILS
20	BORING LOCATION MAP
21	BORING LOGS

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	RECORD PAID
AR150510	ENGINEERS FIELD OFFICE	L SUM	1	
AR150520	MOBILIZATION	L SUM	1	
AR152410	UNCLASSIFIED EXCAVATION	CU YD	2397	
AR152515	SUBGRADE UNDERCUT	CU YD	272	
AR154606	GRANULAR DRAINAGE SUBBASE - 6"	SQ YD	4685	
AR156510	SILT FENCE	LIN FT	425	
AR156513	SEPARATION FABRIC	SQ YD	4686	
AR156520	INLET PROTECTION	EACH	8	
AR156531	EROSION CONTROL BLANKET	SQ YD	613	
AR209606	CRUSHED AGGREGATE BASE COURSE - 6"	SQ YD	4686	
AR401613	BIT SURF CSE - METHOD I, SUPERPAVE	TON	525	
AR401660	SAW & SEAL BITUMINOUS JOINTS	LIN FT	665	
AR401665	BITUMINOUS PAVEMENT SAWING	LIN FT	767	
AR401900	REMOVE BITUMINOUS PAVEMENT	SQ YD	4655	
AR403613	BIT BASE CSE - METHOD I, SUPERPAVE	TON	1050	
AR510510	TIE DOWN	EACH	18	
AR510900	REMOVE TIE DOWN	EACH	12	
AR602510	BITUMINOUS PRIME COAT	GALLONS	1406	
AR603510	BITUMINOUS TACK COAT	GALLONS	703	
AR620520	PAVEMENT MARKING -WATERBORNE	SQ FT	241	
AR705506	6" PERFORATED UNDERDRAIN	LIN FT	438	
AR705640	UNDERDRAIN CLEANOUT	EACH	4	
AR751946	ADJUST CATCH BASIN	EACH	1	
AR901510	SEEDING	ACRE	0.13	
AR905510	TOPSOILING (FROM ON-SITE)	CU YD	13	

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Phone: (630) 226-8400

IDA NUMBER:

SBGP NUMBER:

IL CONTRACT:

IL LETTING ITEM:

PROJECT:  
**REHABILITATE APRON  
PAVEMENTS, PHASE 2**

CLOW INTERNATIONAL AIRPORT  
130 CLOW INTERNATIONAL PKWY  
BOLINGBROOK, IL 60490

DATE DESCRIPTION

INDEX OF SHEETS  
AND  
SUMMARY OF  
QUANTITIES

PROJECT #:  
1C5-4680

DATE:  
4/28/2020



PROJECT IS LOCATED IN  
NORTHEAST 1/4 OF SECTION 18  
DUPAGE TOWNSHIP, WILL COUNTY

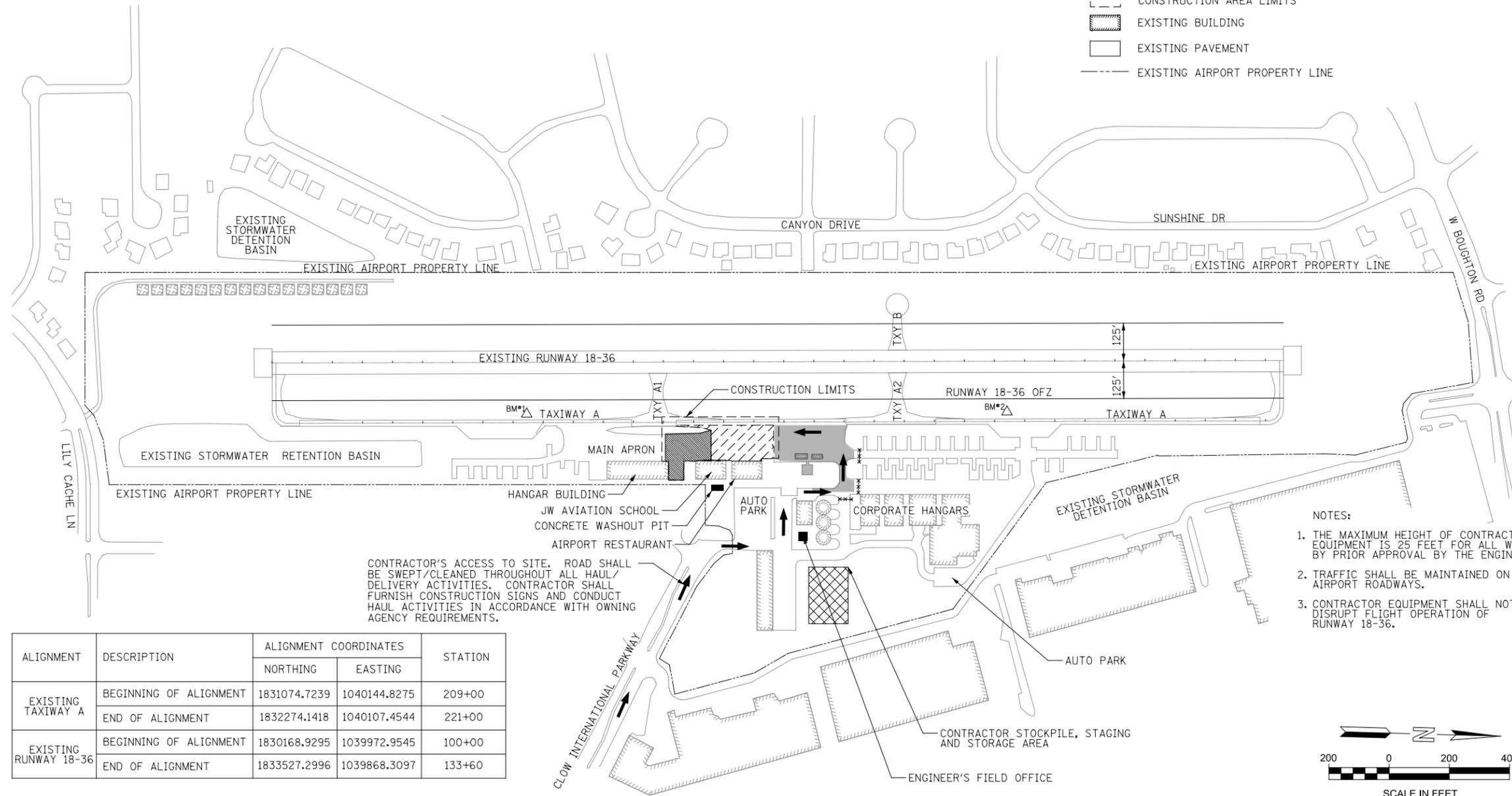
DESCRIPTION	STAGE	NORTHING	EASTING
ENGINEER'S FIELD OFFICE	ALL	1831949.3432	1040497.9692
CONTRACTOR STORAGE	ALL	1832101.4753	1040594.2563
CONCRETE WASHOUT PIT	ALL	1831640.9669	1040354.6614
WORK ZONE	ALL	1831856.7499	1040102.6749

EXISTING BENCHMARKS

BENCHMARK	NORTHING	EASTING	ELEVATION
BM #1	1831019.5810	1040117.8070	655.197
BM #2	1832614.1100	1040065.1010	663.337

LEGEND

- CONTRACTOR ACCESS/ HAUL ROUTE
- REHABILITATE APRON IMPROVEMENTS, PHASE 1 (COMPLETED BY OTHERS)
- LIMITS OF STAGE 1 APRON IMPROVEMENTS
- LIMITS OF STAGE 2 APRON IMPROVEMENTS
- CONTRACTOR STAGING/ STORAGE AREA
- CONSTRUCTION AREA LIMITS
- EXISTING BUILDING
- EXISTING PAVEMENT
- EXISTING AIRPORT PROPERTY LINE

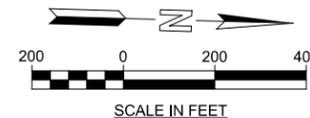


CONTRACTOR'S ACCESS TO SITE. ROAD SHALL BE SWEEP/CLEANED THROUGHOUT ALL HAUL/ DELIVERY ACTIVITIES. CONTRACTOR SHALL FURNISH CONSTRUCTION SIGNS AND CONDUCT HAUL ACTIVITIES IN ACCORDANCE WITH OWNING AGENCY REQUIREMENTS.

NOTES:

1. THE MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT IS 25 FEET FOR ALL WORK, EXCEPT BY PRIOR APPROVAL BY THE ENGINEER.
2. TRAFFIC SHALL BE MAINTAINED ON ALL AIRPORT ROADWAYS.
3. CONTRACTOR EQUIPMENT SHALL NOT DISRUPT FLIGHT OPERATION OF RUNWAY 18-36.

ALIGNMENT	DESCRIPTION	ALIGNMENT COORDINATES		STATION
		NORTHING	EASTING	
EXISTING TAXIWAY A	BEGINNING OF ALIGNMENT	1831074.7239	1040144.8275	209+00
	END OF ALIGNMENT	1832274.1418	1040107.4544	221+00
EXISTING RUNWAY 18-36	BEGINNING OF ALIGNMENT	1830168.9295	1039972.9545	100+00
	END OF ALIGNMENT	1833527.2996	1039868.3097	133+60



CONTRACTOR'S ACCESS AND TEMPORARY FACILITIES

CONTRACTOR'S ACCESS TO THE PROJECT WHEN ON AIRPORT PROPERTY SHALL BE ACCORDING TO THE PLANS SHOWN. CONTRACTOR'S ACCESS TO THE AIRPORT ITSELF IS TO BE PROVIDED BY PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR IS TO SECURE ALL NECESSARY PERMITS FOR THE USE OF ANY PUBLIC RIGHTS-OF-WAY AND IS TO MAINTAIN TRAFFIC AT ALL TIMES. THE COSTS OF PERMITTING, CLEANING, AND REPAIRING PAVEMENT DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE INCIDENTAL TO THE CONTRACT. USE AND REPAIRS TO ANY PUBLIC FACILITIES SHALL BE COMPLETED TO THE SATISFACTION OF THE FACILITY'S OWNER.

THE CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION ROADS WITHIN THE CONSTRUCTION LIMIT LINES AS REQUIRED TO COMPLETE CONSTRUCTION ACTIVITIES. HEAVY VEHICLES SHALL NOT CROSS EXISTING PAVEMENT SURFACES EXCEPT AS APPROVED BY THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE. ALL PAVEMENT DAMAGED BY CONTRACTOR ACTIVITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL PROVIDE AN EQUIPMENT STORAGE AND PARKING AREA AT THE LOCATION SHOWN ON THE PLANS. ACCESS ROADS TO THE STORAGE AREA SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE CONTRACTOR. THE STORAGE AND PARKING AREAS SHALL BE RESTORED TO THE SATISFACTION OF THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE AT THE COMPLETION OF THE CONTRACT. THE COST OF CONSTRUCTING, MAINTAINING, AND RESTORING THE TEMPORARY FACILITIES SHALL BE INCIDENTAL TO THE CONTRACT.

PROTECTION OF EXISTING AIRPORT FACILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL CRITICAL EXISTING UTILITIES FOR THE OPERATIONS FO THE AIRPORT; DRIVEWAY AND ROAD PAVEMENT; RUNWAY, TAXIWAY AND APRON PAVEMENTS AND SHOULDERS; AIRPORT LIGHTING; AND SEEDED AND TURF AREAS THAT ARE UTILIZED OR AFFECTED BY CONSTRUCTION ACTIVITIES. DAMAGED FACILITIES SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER, AIRPORT MANAGER, OR OWNER'S REPRESENTATIVE.

THE CONTRACTOR SHALL BE REQUIRED TO USE A SWEEPER IN ALL ACTIVE CONSTRUCTION AIRFIELD PAVEMENT AREAS AS DIRECTED BY THE AIRPORT MANAGER OR THE OWNER'S REPRESENTATIVE. IN ORDER TO MAINTAIN DEBRIS WITHIN THE CONSTRUCTION AREA THE CONTRACTOR SHALL HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. THE COST OF SWEEPING SHALL BE INCIDENTAL TO THE CONTRACT.

RESPONSIBILITY FOR EXISTING UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACTUAL LOCATION OF ALL UTILITY FACILITIES INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF CONSTRUCTION PLANS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN DETAILED INFORMATION AND THE RELATIVE LOCATION OF ALL UTILITIES IN ADDITION TO ANY WORKING SCHEDULE OF REMOVAL OR ADJUSTMENTS REQUIRED OF THE UTILITY. THE CONTRACTOR SHALL CONTACT J.U.L.I.E (800-892-0123) FOR ASSISTANCE.

THE CONTRACTOR SHALL PROTECT ANY UTILITY IN CONFLICT WITH CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE UTILITY OR OWNING AGENCY WITH THE COST INCIDENTAL TO THE CONTRACT. IN THE EVENT A UTILITY LINE OR SERVICE IS UNEXPECTEDLY ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE AND THE UTILITY COMPANY OR AGENCY OF JURISDICTION. THE CONTRACTOR SHALL REPAIR ANY IMPACTED UTILITY IMMEDIATELY.



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375 West Briarcliff Road  
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IDA NUMBER:  
SBGP NUMBER:  
IL CONTRACT:  
IL LETTING ITEM:

PROJECT:  
**REHABILITATE APRON PAVEMENTS, PHASE 2**  
CLOW INTERNATIONAL AIRPORT  
130 CLOW INTERNATIONAL PKWY  
BOLINGBROOK, IL 60490

DATE DESCRIPTION  
**SITE AND SAFETY PLAN**

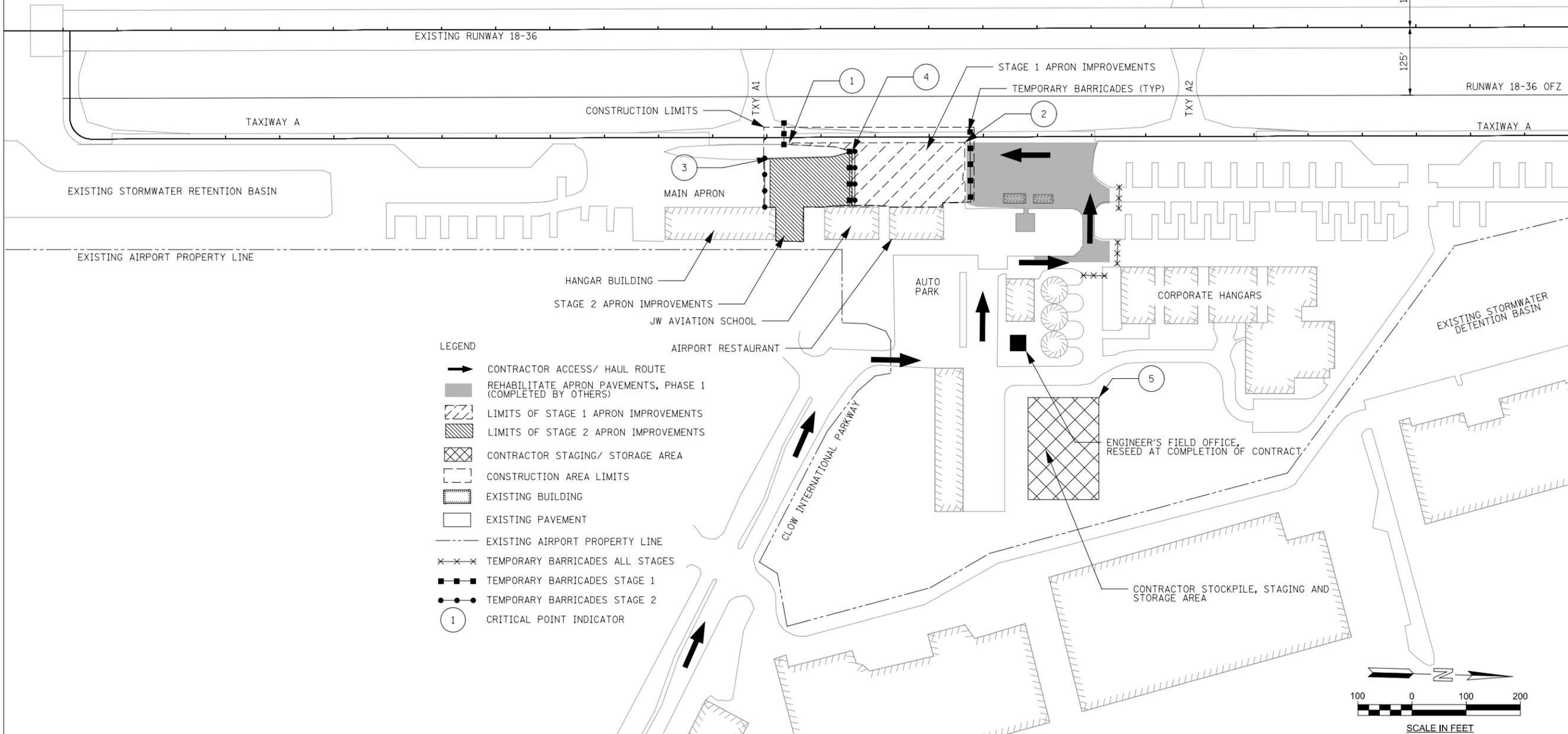
PROJECT #: 1C5-4680 DATE: 4/28/2020

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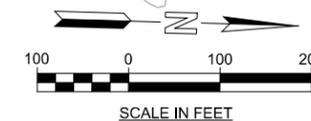
EXISTING AIRPORT PROPERTY LINE

EXISTING AIRPORT PROPERTY LINE

CRITICAL POINT NO.	DESCRIPTION	STAGE	LATITUDE	LONGITUDE	GROUND ELEVATION	ELEVATION ABOVE GROUND
1	CONSTRUCTION AREA	1	41° 41' 42.0029" N	88° 07' 43.2616" W	657.39	682.39
2	CONSTRUCTION AREA	1	41° 41' 45.2033" N	88° 07' 43.3835" W	656.81	681.81
3	CONSTRUCTION AREA	2	41° 41' 41.6582" N	88° 07' 42.8768" W	657.34	682.34
4	CONSTRUCTION AREA	2	41° 41' 43.1533" N	88° 07' 43.0946" W	655.81	681.81
5	CONTRACTOR STORAGE	ALL	41° 41' 47.7719" N	88° 07' 37.2713" W	658.00	683.00



- LEGEND**
- ➔ CONTRACTOR ACCESS/ HAUL ROUTE
  - REHABILITATE APRON PAVEMENTS, PHASE 1 (COMPLETED BY OTHERS)
  - ▨ LIMITS OF STAGE 1 APRON IMPROVEMENTS
  - ▩ LIMITS OF STAGE 2 APRON IMPROVEMENTS
  - ▤ CONTRACTOR STAGING/ STORAGE AREA
  - CONSTRUCTION AREA LIMITS
  - ▧ EXISTING BUILDING
  - EXISTING PAVEMENT
  - - - EXISTING AIRPORT PROPERTY LINE
  - ××× TEMPORARY BARRICADES ALL STAGES
  - TEMPORARY BARRICADES STAGE 1
  - TEMPORARY BARRICADES STAGE 2
  - ① CRITICAL POINT INDICATOR



**GENERAL NOTES**

1. THE CONTRACTOR EQUIPMENT AND ACTIVITIES SHALL NOT DISRUPT FLIGHT OPERATIONS OF RUNWAY 18-36 AT ANY TIME DURING THE PROJECT
2. NO CONTRACTOR EQUIPMENT, EMPLOYEES, OR MATERIAL SHALL BE WITHIN 125 FEET OF RUNWAY 18-36 CENTERLINE.
3. ALL CONSTRUCTION EQUIPMENT SHALL BE LIMITED TO A HEIGHT OF 25 FEET.
4. THE JW SCHOOL OF AVIATION SHALL REMAIN OPEN AND OPERATIONAL DURING ALL CONSTRUCTION ACTIVITIES.

**SUGGESTED SEQUENCE OF CONSTRUCTION**

- STAGE 1**
- TEMPORARY CLOSURES TO TAXIWAY A MAY BE REQUIRED FOR THE CONSTRUCTION OF STAGE 1 OF THE APRON REHABILITATION
- THE FOLLOWING ITEMS SHALL BE COMPLETED IN STAGE 1:
- PLACEMENT OF TEMPORARY SOIL EROSION CONTROL MEASURES
  - PLACEMENT OF APPROPRIATE BARRICADES AND PAVEMENT CLOSURE SIGNAGE
  - REMOVAL OF EXISTING PAVEMENT
  - PROVISION OF UNCLASSIFIED EXCAVATION
  - INSTALLATION AND CONSTRUCTION OF UNDERDRAIN PIPE
  - INSTALLATION OF NEW GRANULAR DRAINAGE SUBBASE, AGGREGATE SUBBASE, AND HMA BASE AND SURFACE COURSES.
  - AIRCRAFT TIE-DOWN REPLACEMENT
  - CLEAN PAVEMENT AND PROVIDE PAVEMENT MARKINGS
  - FINAL EROSION CONTROL MEASURES ALONG NEW EDGE OF PAVEMENT

- STAGE 2**
- THE FOLLOWING ITEMS SHALL BE COMPLETED IN STAGE 2.
- PLACEMENT OF TEMPORARY SOIL EROSION CONTROL MEASURES
  - PLACEMENT OF APPROPRIATE BARRICADES AND PAVEMENT CLOSURE SIGNAGE
  - REMOVAL OF EXISTING PAVEMENT
  - PROVISION OF UNCLASSIFIED EXCAVATION
  - INSTALLATION AND CONSTRUCTION OF UNDERDRAIN PIPE
  - INSTALLATION OF NEW GRANULAR DRAINAGE SUBBASE, AGGREGATE SUBBASE, AND HMA BASE AND SURFACE COURSES.
  - AIRCRAFT TIE-DOWN REPLACEMENT
  - CLEAN PAVEMENT AND PROVIDE PAVEMENT MARKINGS
  - FINAL EROSION CONTROL MEASURES ALONG NEW EDGE OF PAVEMENT



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**PROJECT:**  
**REHABILITATE APRON PAVEMENTS, PHASE 2**  
CLOW INTERNATIONAL AIRPORT  
130 CLOW INTERNATIONAL PKWY  
BOLINGBROOK, IL 60490

DATE DESCRIPTION

**APRON CONSTRUCTION STAGING PLAN**

PROJECT #: 1C5-4680  
DATE: 4/28/2020

**KNIGHT**

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**CONSTRUCTION AND SAFETY NOTES**

**SAFETY PLAN COMPLIANCE DOCUMENTATION**

THE CONTRACTOR SHALL SUBMIT THE SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) PRIOR TO THE NOTICE PROCEED IS ISSUED.

THE CONTRACTOR SHALL HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES TO REMOVE MATERIAL THAT DEVELOPS ON PAVEMENTS. THIS SWEEPING SHALL BE INCIDENTAL TO ITEM AR150520 MOBILIZATION.

**SEQUENCE OF CONSTRUCTION**

A CONSTRUCTION PHASING PLAN DETAILING THE STAGING OF THE CONTRACTOR'S WORK IS PROVIDED IN THE PLANS. THE CONTRACTOR SHALL PROVIDE WRITTEN ACCEPTANCE OF THE PROJECT CONSTRUCTION PHASING PLAN AT THE PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL REQUEST THE APPROVAL OF THE PROJECT ENGINEER AND AIRPORT OWNER FOR ANY AND ALL CHANGES TO THE PROPOSED PHASING PLAN. THE CONTRACTOR SHALL BE NOT ENTITLED TO ANY EXTRA COMPENSATION NOR EXTENSION TO THE CONTRACT TIME RESTRICTIONS DUE TO THE REQUEST OF A PHASING CHANGE.

**TEMPORARY BARRICADES ON AIRFIELD**

THE USE OF BARRICADES TO DELINEATE PORTIONS OF THE CONSTRUCTION AREA, TAXIWAY, AND APRON CLOSURES SHALL BE REQUIRED. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN BARRICADES AS SHOWN IN THE PLANS AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT OWNER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIAL SHALL BE DELINEATED WITH TEMPORARY BARRICADES DURING HOURS OF RESTRICTED VISIBILITY AND DARKNESS. NO OPEN TRENCHES OR DROPOFFS FROM PAVEMENT EDGES GREATER THAN 3 INCHES SHALL BE PERMITTED WITHIN ACTIVE RUNWAY SAFETY AREA (RSA) OR ACTIVE TAXIWAY SAFETY AREA (TSA). THE RSA IS 60 FEET FROM THE CENTERLINE OF RUNWAY 18-36 AND 240 FEET FROM THE END OF THE RUNWAY. THE TSA IS 24.5 FEET FROM THE CATEGORY 1 TAXIWAY CENTERLINE. THE CONTRACTOR SHALL HAVE STEEL PLATES ON-SITE FOR RAPID COVERING OF TRENCHES IN AN ACTIVE RSA OR TSA.

BARRICADES SHALL NOT BE PLACED MORE THAN 10' APART.

**AIRFIELD OPERATIONAL SAFETY DURING CONSTRUCTION**

ALL CONSTRUCTION TRAFFIC AND PERSONNEL SHALL REMAIN WITHIN THE CONSTRUCTION LIMIT SHOWN ON THE PHASING PLAN. CONTRACTOR PERSONNEL AND EQUIPMENT SHALL REMAIN AT LEAST 125 FEET FROM THE CENTERLINE OF THE ACTIVE RUNWAY, OUTSIDE OF THE RUNWAY PROTECTION ZONE, 44.5 FEET FROM ACTIVE CATEGORY 1 TAXIWAY CENTERLINES, AND 10 FEET FROM THE EDGE OF ACTIVE APRONS.

WHEN IT IS NECESSARY FOR CONSTRUCTION VEHICLES TO OPERATE ON OR WITHIN THESE LIMITS, THE RUNWAY, TAXIWAYS, OR APRON MUST BE CLOSED. ALL CONTRACTOR EQUIPMENT USED IN ACTIVE AIRPORT OPERATIONS AREAS SHALL BE EQUIPPED WITH A FAA-STANDARD FLAG, REFERENCED IN FAA AC 150/5370-2. AIRCRAFT SHALL HAVE THE RIGHT-OF-WAY. CONSTRUCTION VEHICLES SHALL NOT CROSS AN ACTIVE RUNWAY. THE COST OF ALL TRAFFIC CONTROL, BOTH WITHIN AND OUTSIDE THE AIRPORT OPERATIONS AREAS, IS TO BE INCIDENTAL TO THE CONTRACT.

AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND GOVERN OVER CONSTRUCTION ACTIVITIES IN THE EVENT OF A CONFLICT.

WHEN NOT IN USE AND DURING NON-WORKING HOURS, CONTRACTOR'S EQUIPMENT SHALL BE PARKED WITHIN THE CONTRACTOR'S EQUIPMENT STORAGE AND PARKING AREAS SHOWN ON THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION ENTRANCE IN GOOD CONDITION. THE COST OF MAINTAINING THE CONSTRUCTION ENTRANCE SHALL BE INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL NOT OPERATE OR PARK EQUIPMENT OR STOCKPILE MATERIAL SO AS TO PENETRATE AN AIRPORT IMAGINARY SURFACE.

NO RUNWAY CLOSURES SHALL BE ALLOWED THROUGH THE DURATION OF CONSTRUCTION.

ALL CONTRACTOR EQUIPMENT IS LIMITED TO THE HEIGHT SHOWN IN EACH PHASE OF THE PHASING PLAN.

**LATHING AND WARNING TAPE**

THE PROJECT WILL REQUIRE THE PLACEMENT OF LATHING AND WARNING TAPE TO DELINEATE THE WORK AREA FROM ACTIVE AIRPORT OPERATIONS AREAS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE, PLACE AND MAINTAIN LATHING AND WARNING TAPE TO DELINEATE THE WORK AREA AS DIRECTED BY THE RESIDENT ENGINEER AND THE AIRPORT OWNER. THE CONTRACTOR SHALL FURNISH, PLACE MAINTAIN AND RELOCATE THE LATHING AND WARNING TAPE AS REQUIRED. THE COST AND MAINTENANCE OF THESE ITEMS IS TO BE INCIDENTAL TO THE CONTRACT.

**VEHICULAR TRAFFIC CONTROL**

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, INSTALL, AND RELOCATE ROAD WARNING SIGNS AND BARRICADES ON THE EXISTING ROADWAYS AS NECESSARY PRIOR OF THE START OF CONSTRUCTION IN THE WORK AREA. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS FOR HAULING ON LOCAL STREETS OR STATE HIGHWAYS AS NECESSARY.

CONTRACTOR SHALL FURNISH, INSTALL, AND REMOVE ALL TRAFFIC CONTROL ITEMS WHEN CONSTRUCTION ACTIVITIES ARE WITHIN 15 FEET OF AN ACTIVE ROADWAY. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

**NOTIFICATIONS BY CONTRACTOR**

THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT OWNER 5 DAYS IN ADVANCE OF ACTIVE TAXIWAY AND APRON CLOSURES. THE DATE, TIME AND SCHEDULED DURATION OF THE CLOSING MUST BE APPROVED BY THE RESIDENT ENGINEER AND THE AIRPORT OWNER.

**UTILITY OUTAGES AND SHUTDOWNS**

THE CONTRACTOR SHALL PROVIDE 72 HOURS PRIOR NOTICE OF ANY OUTAGES OR SHUTDOWNS TO THE OWNER AND THE AGENCY OWNING THE AFFECTED UTILITY. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY CONNECTIONS OR OTHER MEASURES AS MAY BE REQUIRED TO MAINTAIN SERVICE AS MAY BE REQUIRED BY THE OWNING AGENCY AT NO COST TO THE OWNER.

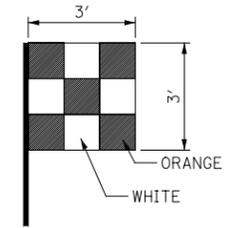
**RUNWAY CLOSURES**

RUNWAY CLOSURES ARE NOT PERMITTED AS A PART OF THIS CONTRACT.

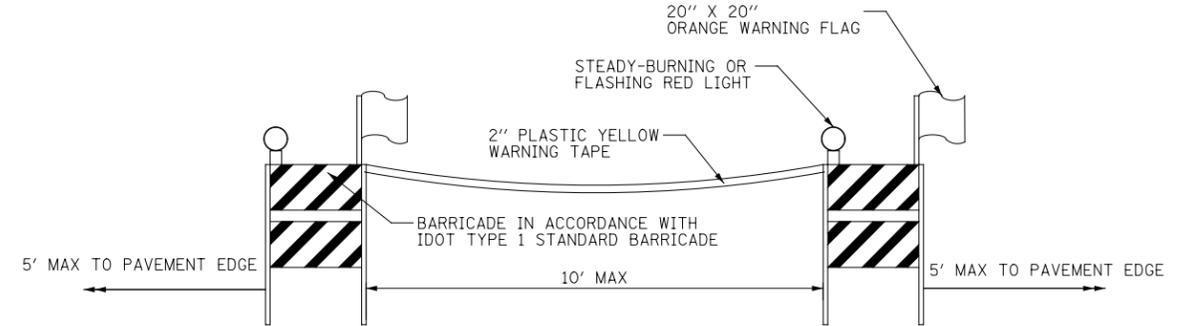
**CONTRACTOR'S USE OF SITE**

THE CONTRACTOR SHALL NOT OPERATE WITHIN, ENCROACH UPON OR OBSTRUCT AIRPORT OPERATIONAL AREAS, INCLUDING ACTIVE RUNWAY, TAXIWAYS, AND APRON SAFETY AREAS; OBSTACLE AND OBJECT FREE ZONES; RUNWAY PROTECTION ZONES; AND AIRPORT IMAGINARY SURFACES AS DEFINED IN FEDERAL AVIATION REGULATIONS (FAR) PART 77, "OBJECT AFFECTING NAVIGABLE AIRSPACE."

THE CONTRACTOR SHALL RESTORE THE WORK AREA PRIOR TO BEGINNING WORK IN A NEW LOCATION.

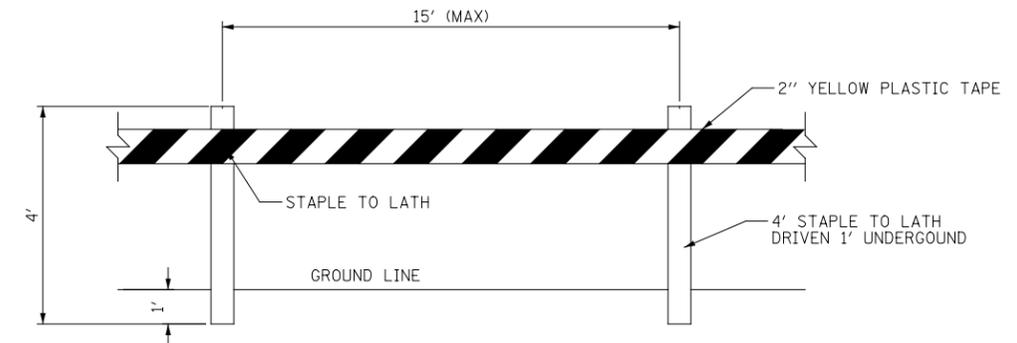


CONSTRUCTION EQUIPMENT WARNING FLAG



LOW PROFILE BARRICADES

BARRICADES SHALL BE IN ACCORDANCE WITH IDOT TYPE I STANDARD BARRICADES. A STEADY BURNING OR FLASHING RED LIGHT SHALL BE MOUNTED ON EACH BARRICADE. THE CONTRACTOR SHALL STABILIZE THE BARRICADES FROM WIND BY METHODS APPROVE BY THE ENGINEER. THE COST OF FURNISHING, INSTALLING, RELOCATING, MAINTAINING, AND REMOVING THE BARRICADES SHALL BE INCIDENTAL TO THE CONTRACT.



LATHING AND WARNING TAPE

MATERIALS AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

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**Bolingbrook**  
a place to grow  
Population 75,350

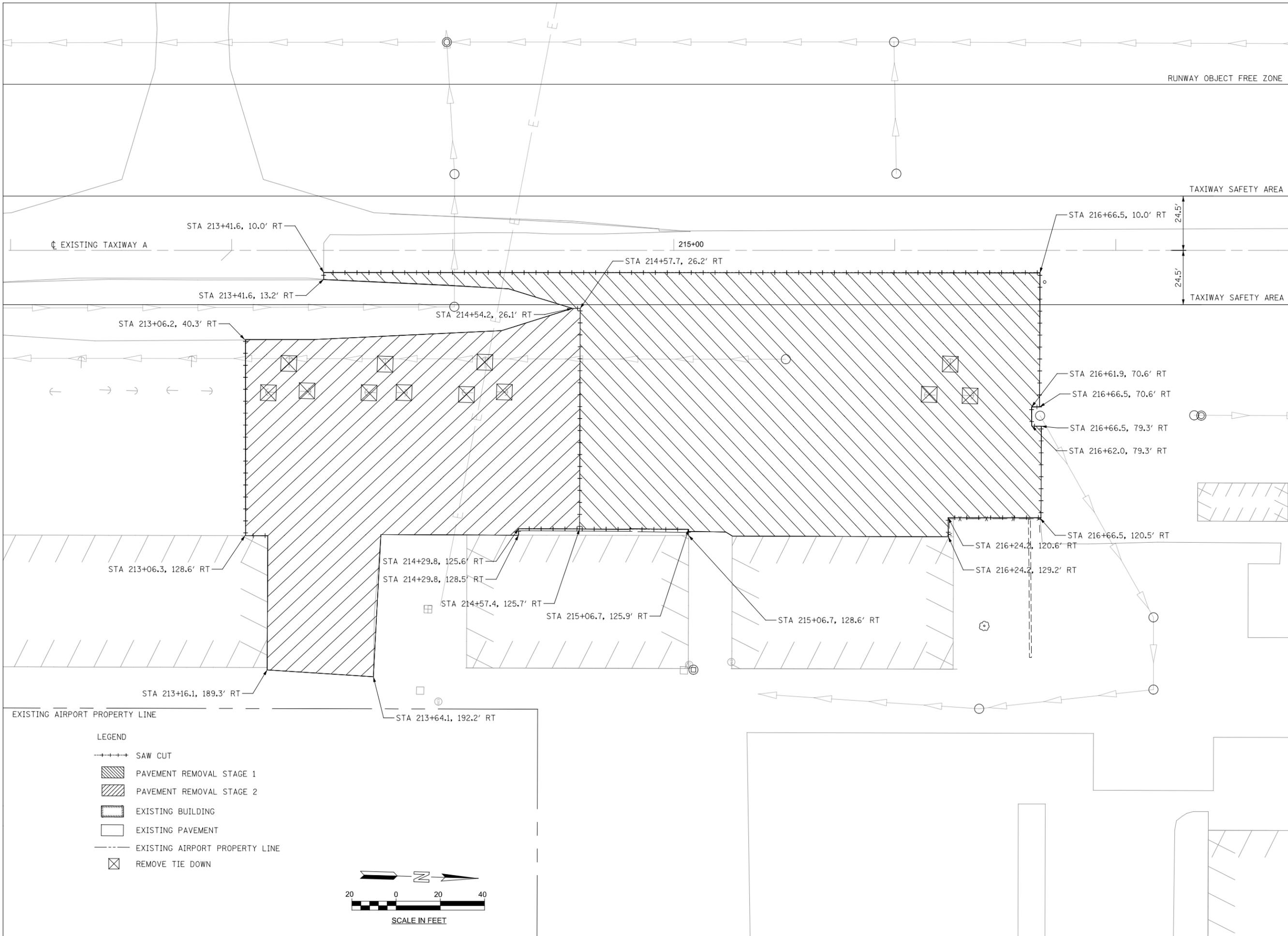
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**REHABILITATE APRON PAVEMENTS, PHASE 2**  
CLOW INTERNATIONAL AIRPORT  
130 CLOW INTERNATIONAL PKWY  
BOLINGBROOK, IL 60490

DATE DESCRIPTION  
**SITE AND SAFETY PLAN NOTES**

PROJECT #: 1C5-4680 DATE: 4/28/2020



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 Engineers & Architects  
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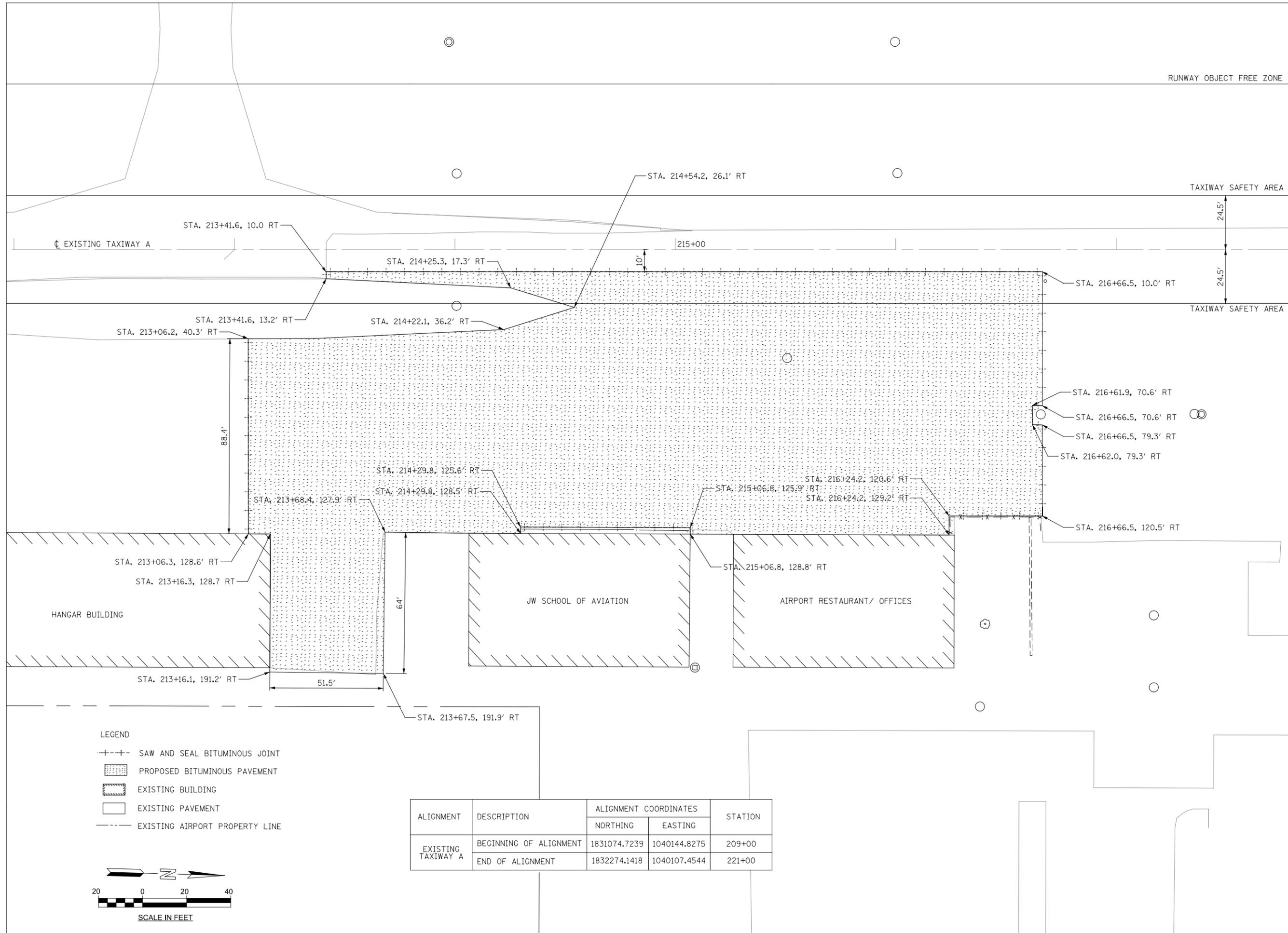
**Bolingbrook**  
 a place to grow  
 Population 75,350

Village of Bolingbrook  
 375 West Briarcliff Road  
 Bolingbrook, IL 60440  
 Phone: (630) 226-8400

IDA NUMBER:  
 SBGP NUMBER:  
 IL CONTRACT:  
 IL LETTING ITEM:

PROJECT:  
**REHABILITATE APRON  
 PAVEMENTS, PHASE 2**  
 CLOW INTERNATIONAL AIRPORT  
 130 CLOW INTERNATIONAL PKWY  
 BOLINGBROOK, IL 60490

DATE	DESCRIPTION
	<b>REMOVAL PLAN</b>
PROJECT #: 1C5-4680	DATE: 4/28/2020
<b>6 of 21</b>	



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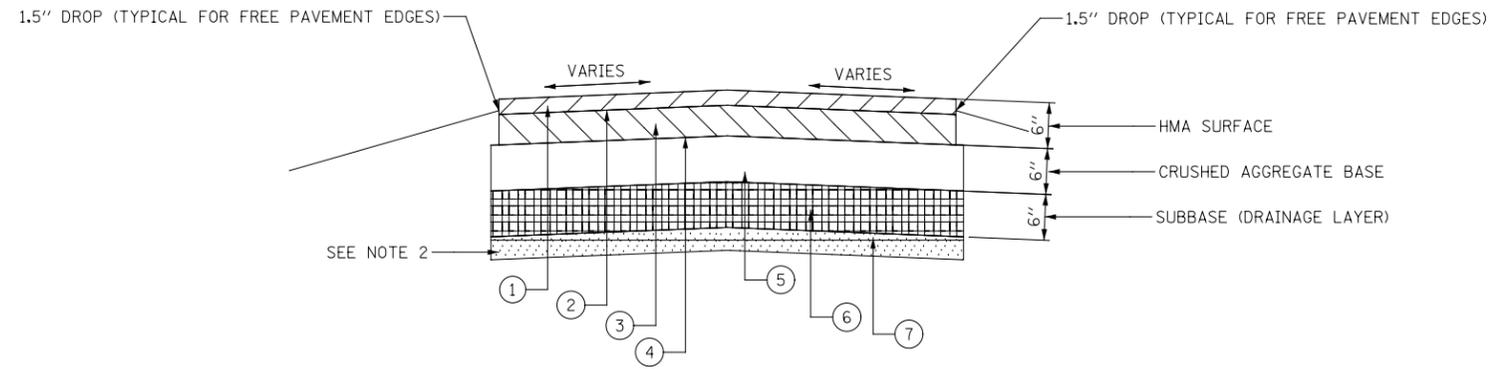
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 IL CONTRACT:  
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**PROJECT:**  
 REHABILITATE APRON  
 PAVEMENTS, PHASE 2  
 CLOW INTERNATIONAL AIRPORT  
 130 CLOW INTERNATIONAL PKWY  
 BOLINGBROOK, IL 60490

DATE	DESCRIPTION
	<b>PROPOSED PLAN</b>

PROJECT #: 1C5-4680      DATE: 4/28/2020

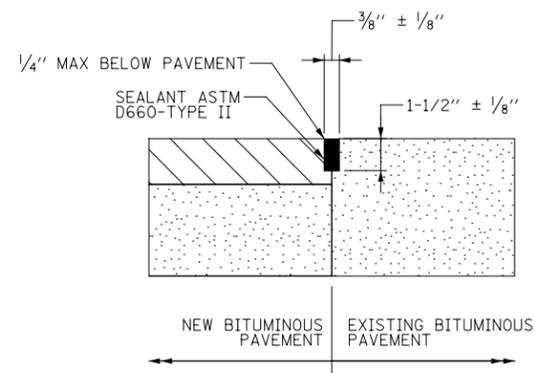
7 of 21



- ① BITUMINOUS SURFACE COURSE, 2 INCH (ITEM AR401613)
- ② BITUMINOUS TACK COAT (ITEM AR603510)
- ③ BITUMINOUS BASE COURSE, 4 INCH (ITEM AR403613)
- ④ BITUMINOUS PRIME COAT (ITEM AR602510)
- ⑤ 6 INCH CRUSHED AGGREGATE BASE COURSE (ITEM AR209606)
- ⑥ GRANULAR DRAINAGE SUBBASE - 6" (ITEM AR154606)
- ⑦ SEPARATION FABRIC (ITEM AR156513)

**NOTES**

1. PAVEMENT UNDERDRAIN LOCATIONS ARE SHOWN IN THE DRAINAGE AND UNDERDRAIN PLANS ON SHEET 9.
2. ANY REQUIRED UNDERCUT WILL BE FIELD VERIFIED DURING CONSTRUCTION
3. THE APPLICATION RATE OF THE BITUMINOUS PRIME COAT AND BITUMINOUS TACK COAT SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS ADOPTED APRIL 1, 2012.



**BITUMINOUS SAW AND SEAL**

**NOTES**

1. BITUMINOUS SAW AND SEAL WILL BE PAID FOR UNDER SAW & SEAL BITUMINOUS JOINTS AR401660

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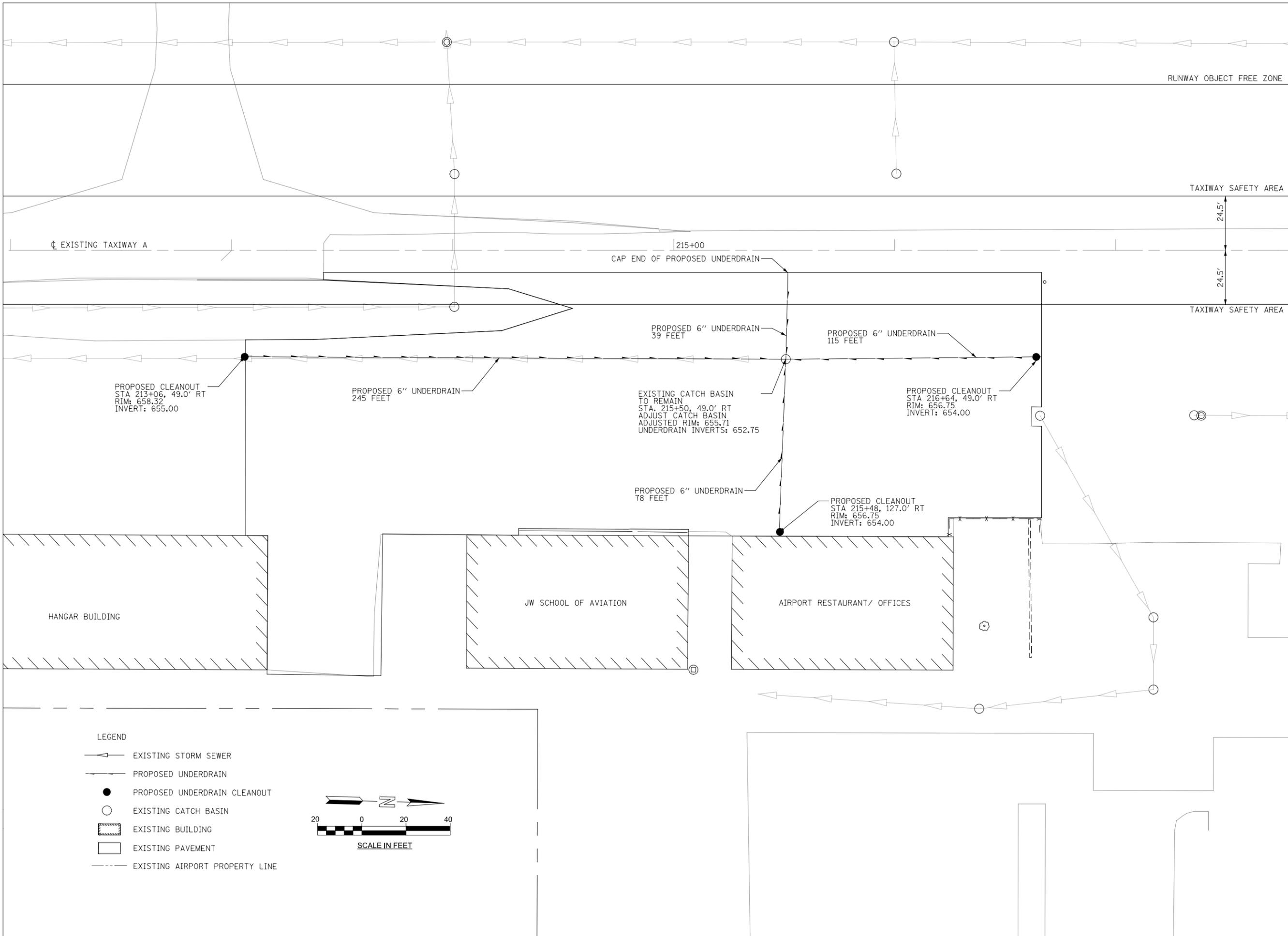
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PROJECT:  
**REHABILITATE APRON PAVEMENTS, PHASE 2**  
 CLOW INTERNATIONAL AIRPORT  
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 BOLINGBROOK, IL 60490

DATE DESCRIPTION

**TYPICAL SECTIONS AND PAVEMENT DETAILS**

PROJECT #: 1C5-4680 DATE: 4/28/2020



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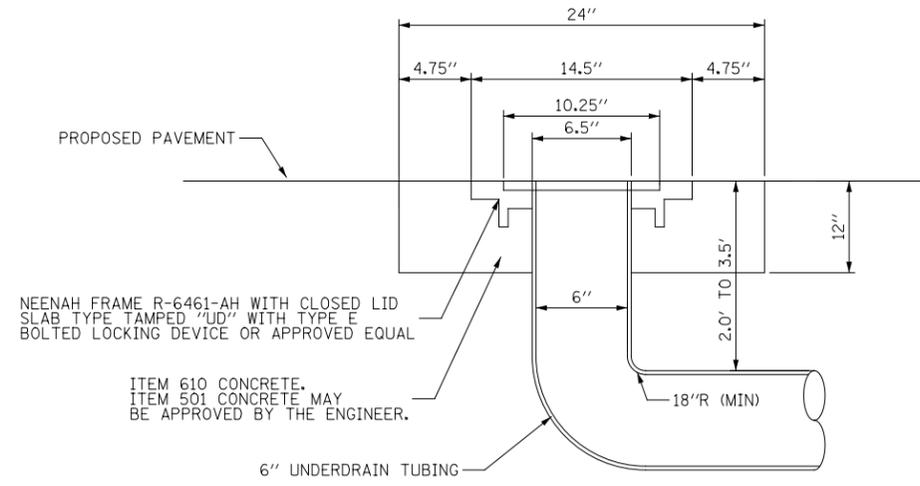
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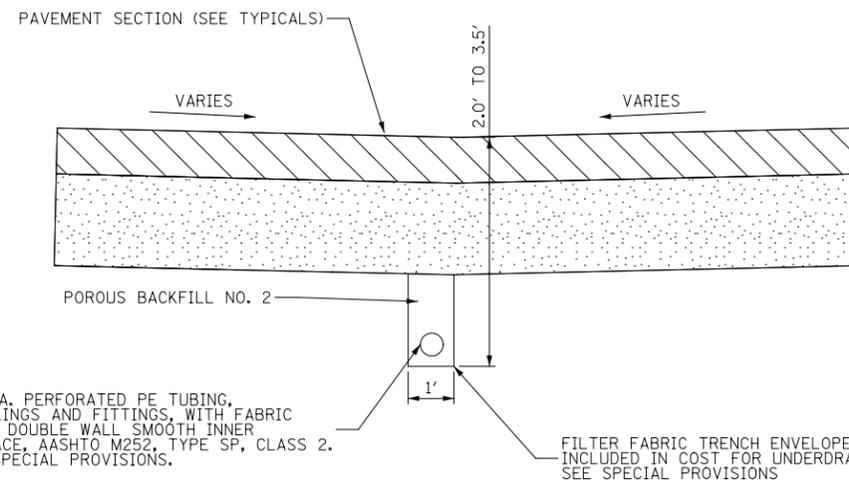
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PROJECT:  
**REHABILITATE APRON PAVEMENTS, PHASE 2**  
 CLOW INTERNATIONAL AIRPORT  
 130 CLOW INTERNATIONAL PKWY  
 BOLINGBROOK, IL 60490

DATE	DESCRIPTION
	<b>DRAINAGE AND UNDERDRAIN PLAN</b>
PROJECT #: 1C5-4680	DATE: 4/28/2020
9 of 21	



UNDERDRAIN CLEANOUT



UNDERDRIAN UNDER PAVEMENT



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IL CONTRACT:

IL LETTING ITEM:

PROJECT:  
**REHABILITE APRON  
 PAVEMENTS, PHASE 2**

CLOW INTERNATIONAL AIRPORT  
 130 CLOW INTERNATIONAL PKWY  
 BOLINGBROOK, IL 60490

DATE	DESCRIPTION

**UNDERDRAIN  
 DETAILS**

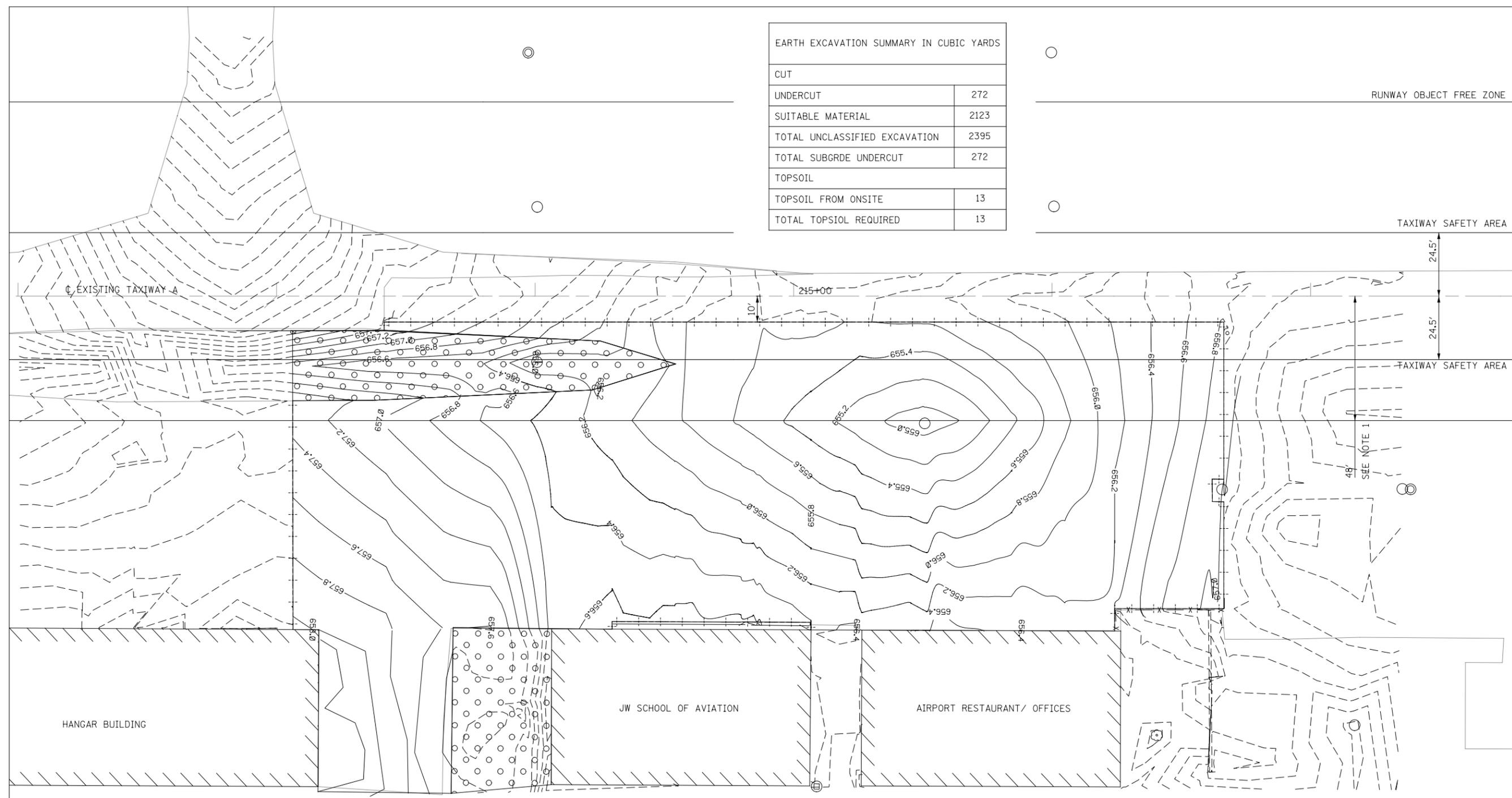
PROJECT #:  
 1C5-4680

DATE:  
 4/28/2020

EARTH EXCAVATION SUMMARY IN CUBIC YARDS	
CUT	
UNDERCUT	272
SUITABLE MATERIAL	2123
TOTAL UNCLASSIFIED EXCAVATION	2395
TOTAL SUBGRDE UNDERCUT	272
TOPSOIL	
TOPSOIL FROM ONSITE	13
TOTAL TOPSOIL REQUIRED	13

RUNWAY OBJECT FREE ZONE

TAXIWAY SAFETY AREA



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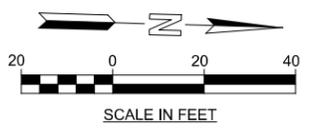
PROJECT:  
**REHABILITATE APRON PAVEMENTS, PHASE 2**  
 CLOW INTERNATIONAL AIRPORT  
 130 CLOW INTERNATIONAL PKWY  
 BOLINGBROOK, IL 60490

DATE	DESCRIPTION

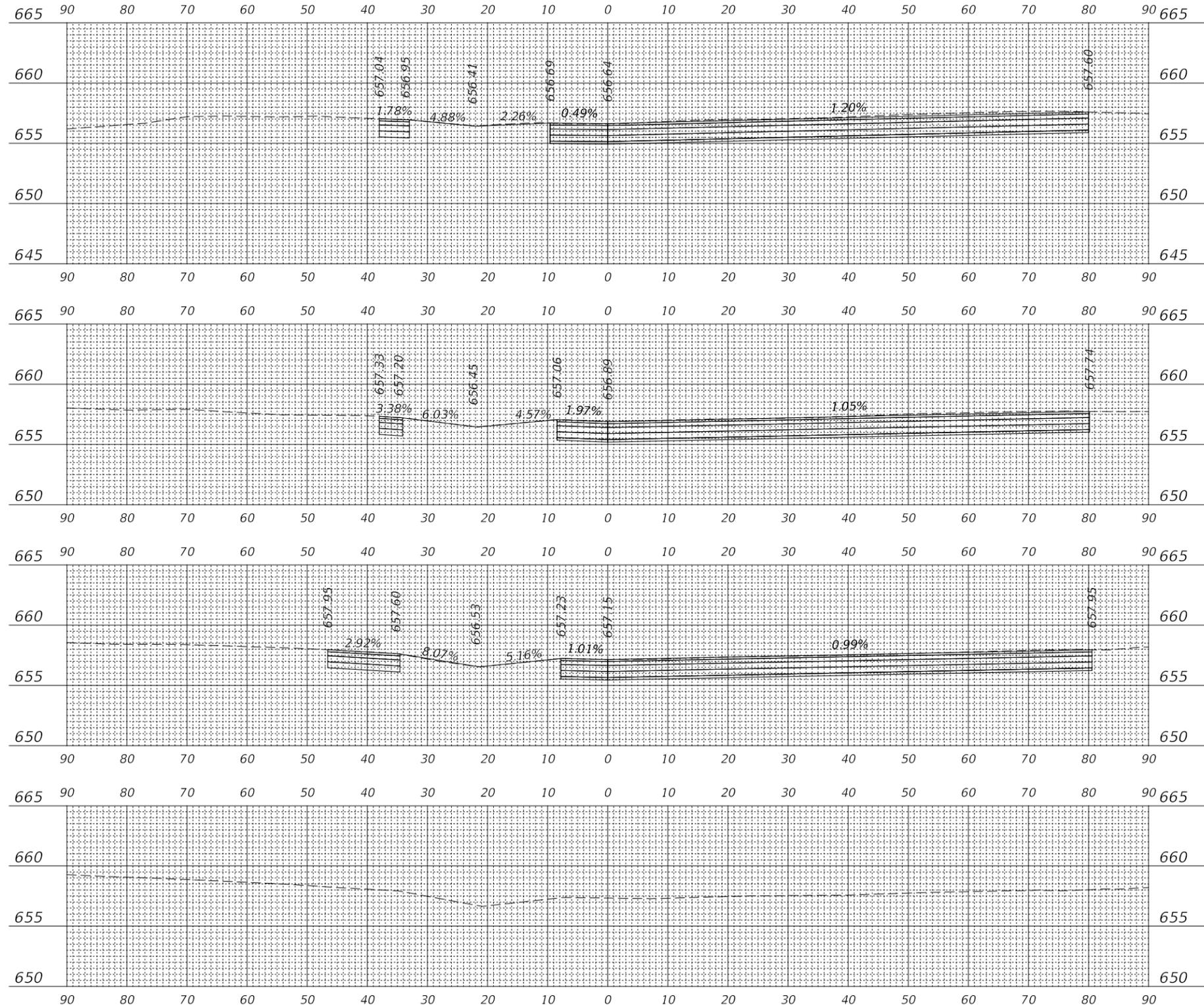
**PROPOSED GRADING PLAN**

PROJECT #: 1C5-4680      DATE: 4/28/2020

- LEGEND**
- - - - EXISTING CONTOURS
  - PROPOSED CONTOURS
  - ▨ PROPOSED SEEDING
  - PROPOSED PAVEMENT
  - ▤ EXISTING BUILDING
  - EXISTING PAVEMENT
  - - - - EXISTING AIRPORT PROPERTY LINE



**NOTE:**  
 1. CROSS SECTIONS ARE CUT AROUND A BASELINE 48' RT OF THE EXISTING TAXIWAY CENTERLINE



C = 168.74 Sq. Ft.  
F = 0.00 Sq. Ft.

**213 + 75.00 R1**

C = 160.90 Sq. Ft.  
F = 0.00 Sq. Ft.

**213 + 50.00 R1**

C = 168.74 Sq. Ft.  
F = 0.49 Sq. Ft.

**213 + 25.00 R1**

C = 0.00 Sq. Ft.  
F = 0.00 Sq. Ft.

**213 + 06.51 R1**

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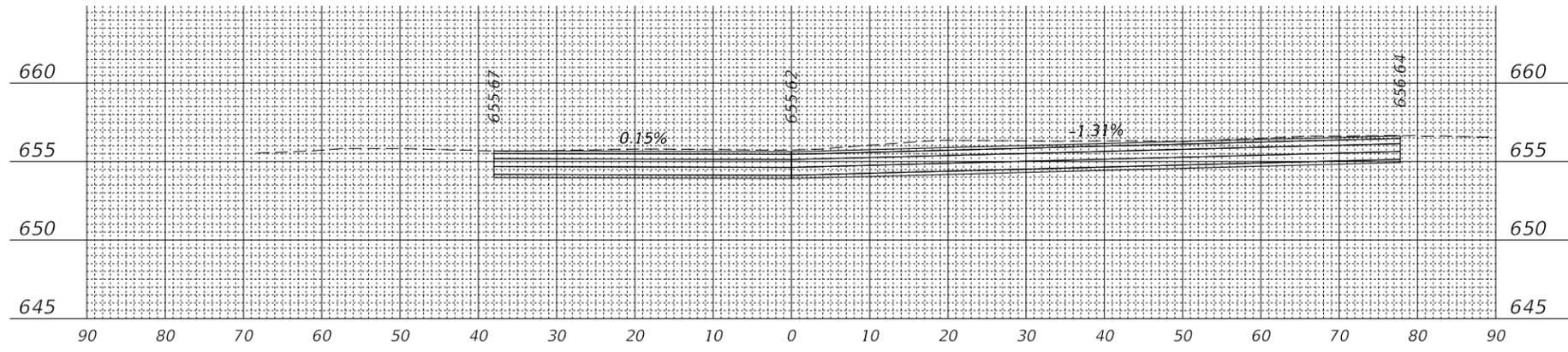
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IL LETTING ITEM:

PROJECT:  
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CLOW INTERNATIONAL AIRPORT  
130 CLOW INTERNATIONAL PKWY  
BOLINGBROOK, IL 60490

DATE DESCRIPTION

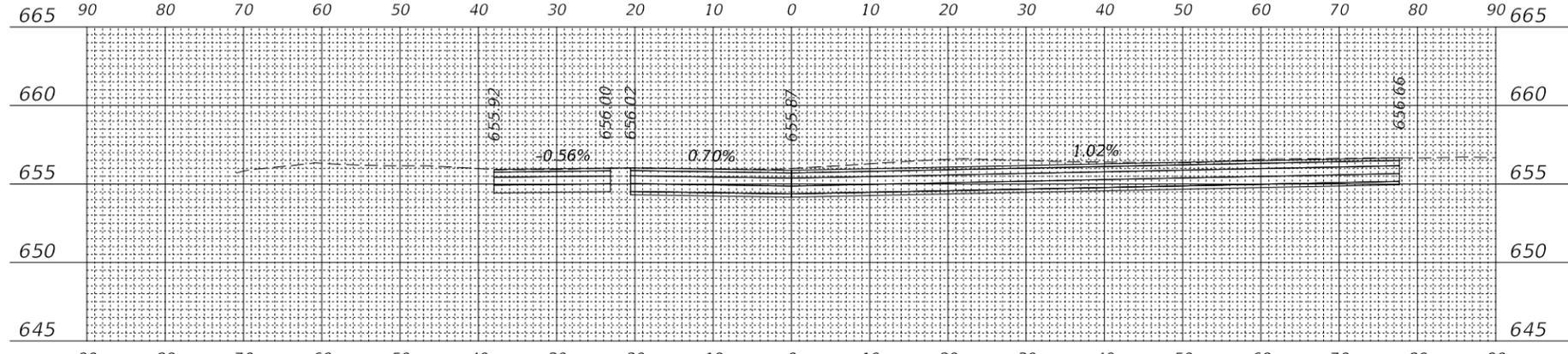
**PROPOSED  
CROSS SECTIONS**

PROJECT #: 1C5-4680 DATE: 4/28/2020



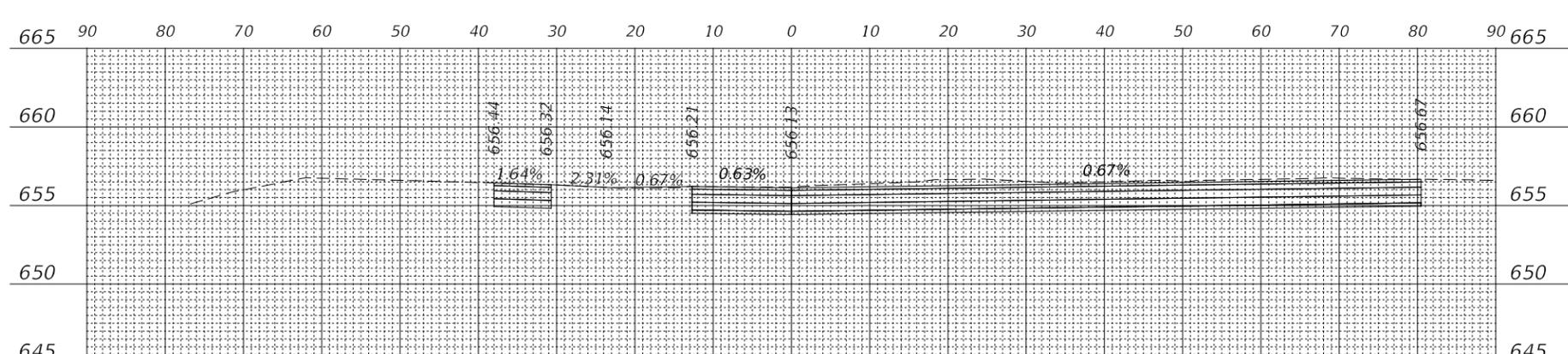
C = 215.73 Sq. Ft.  
F = 0.00 Sq. Ft.

**214 + 75.00 R1**



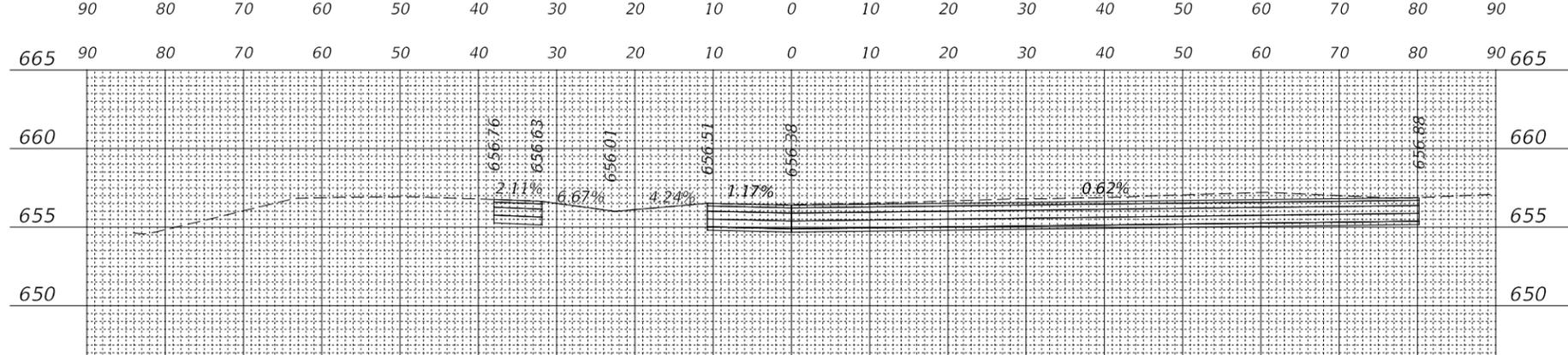
C = 203.84 Sq. Ft.  
F = 0.00 Sq. Ft.

**214 + 50.00 R1**



C = 183.39 Sq. Ft.  
F = 0.53 Sq. Ft.

**214 + 25.00 R1**



C = 181.77 Sq. Ft.  
F = 0.05 Sq. Ft.

**214 + 00.00 R1**

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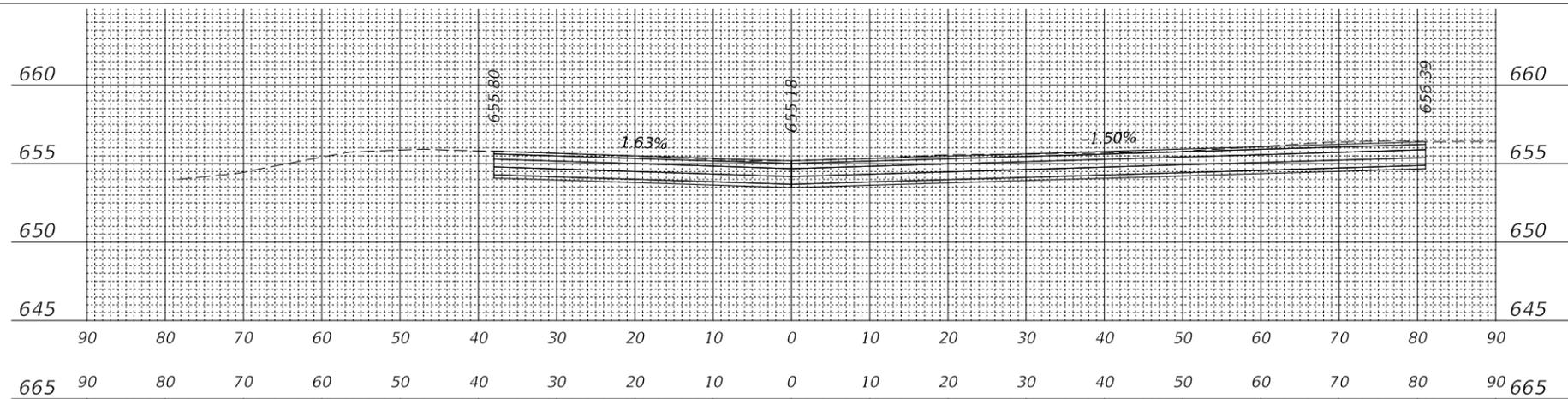
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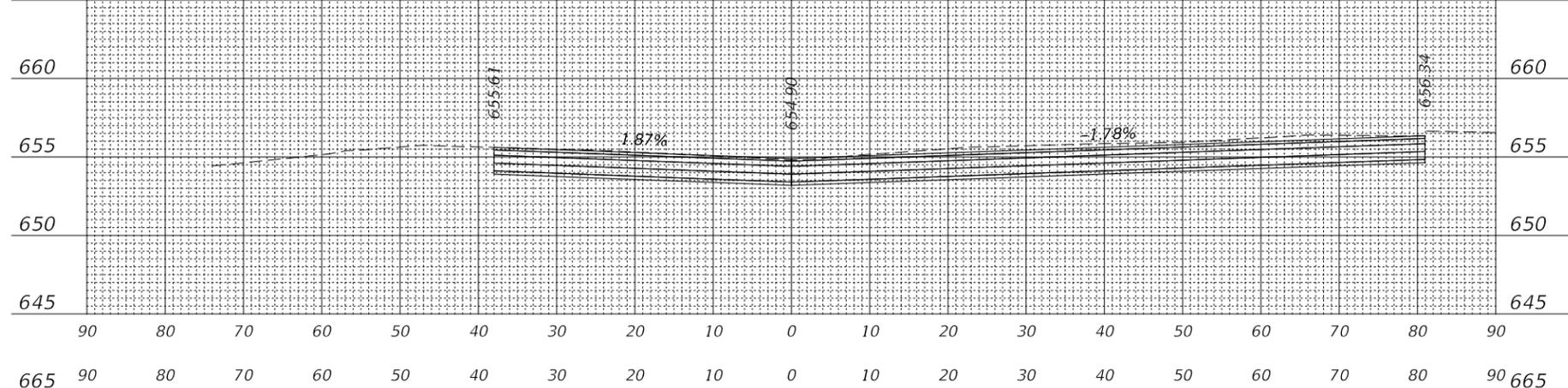
DATE	DESCRIPTION
	PROPOSED CROSS SECTIONS

PROJECT #: 1C5-4680	DATE: 4/28/2020
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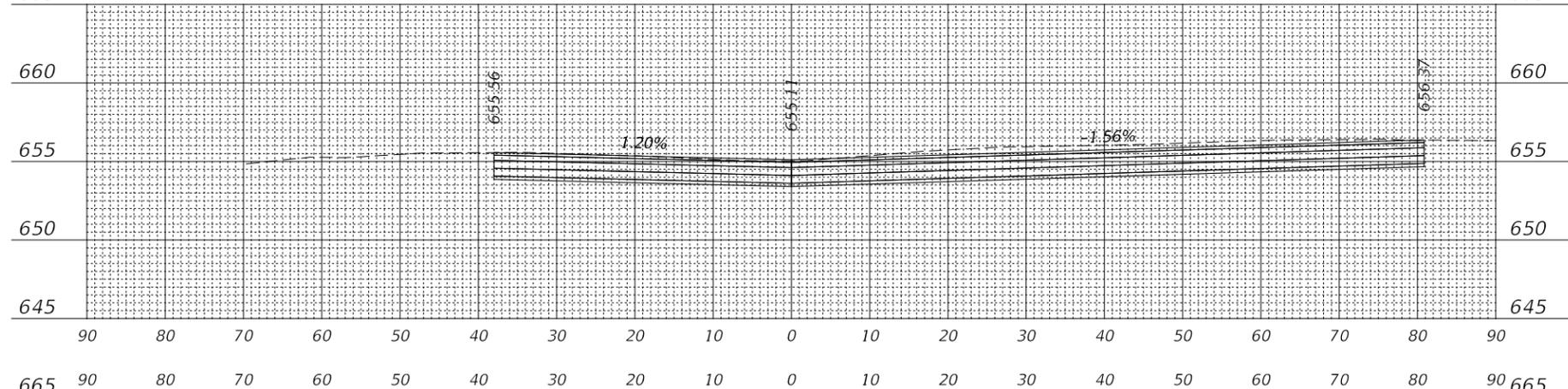
C = 202.99 Sq. Ft.  
F = 0.00 Sq. Ft.

**215 + 75.00 R1**



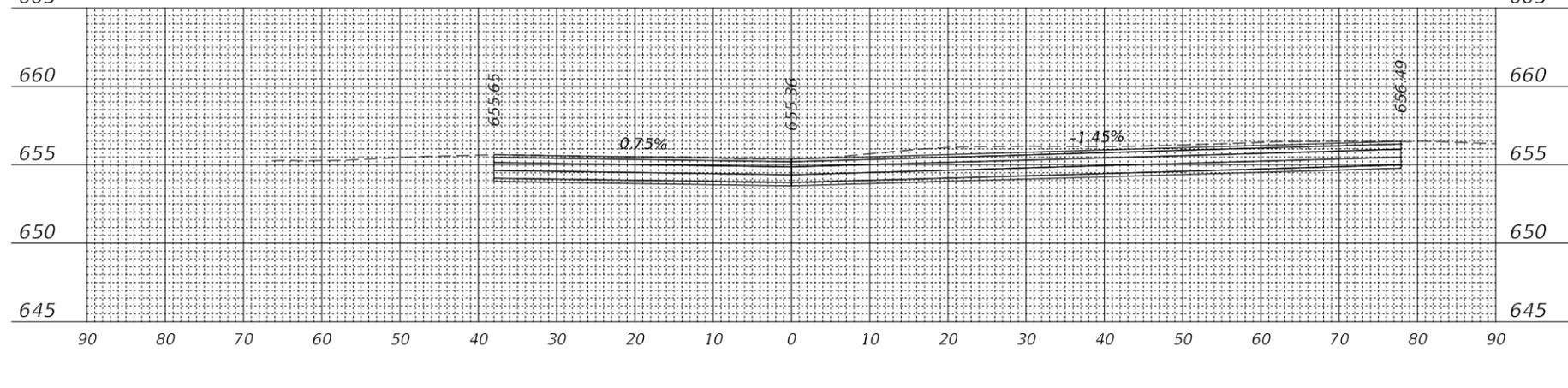
C = 218.12 Sq. Ft.  
F = 0.00 Sq. Ft.

**215 + 50.00 R1**



C = 220.54 Sq. Ft.  
F = 0.00 Sq. Ft.

**215 + 25.00 R1**



C = 215.55 Sq. Ft.  
F = 0.00 Sq. Ft.

**215 + 00.00 R1**

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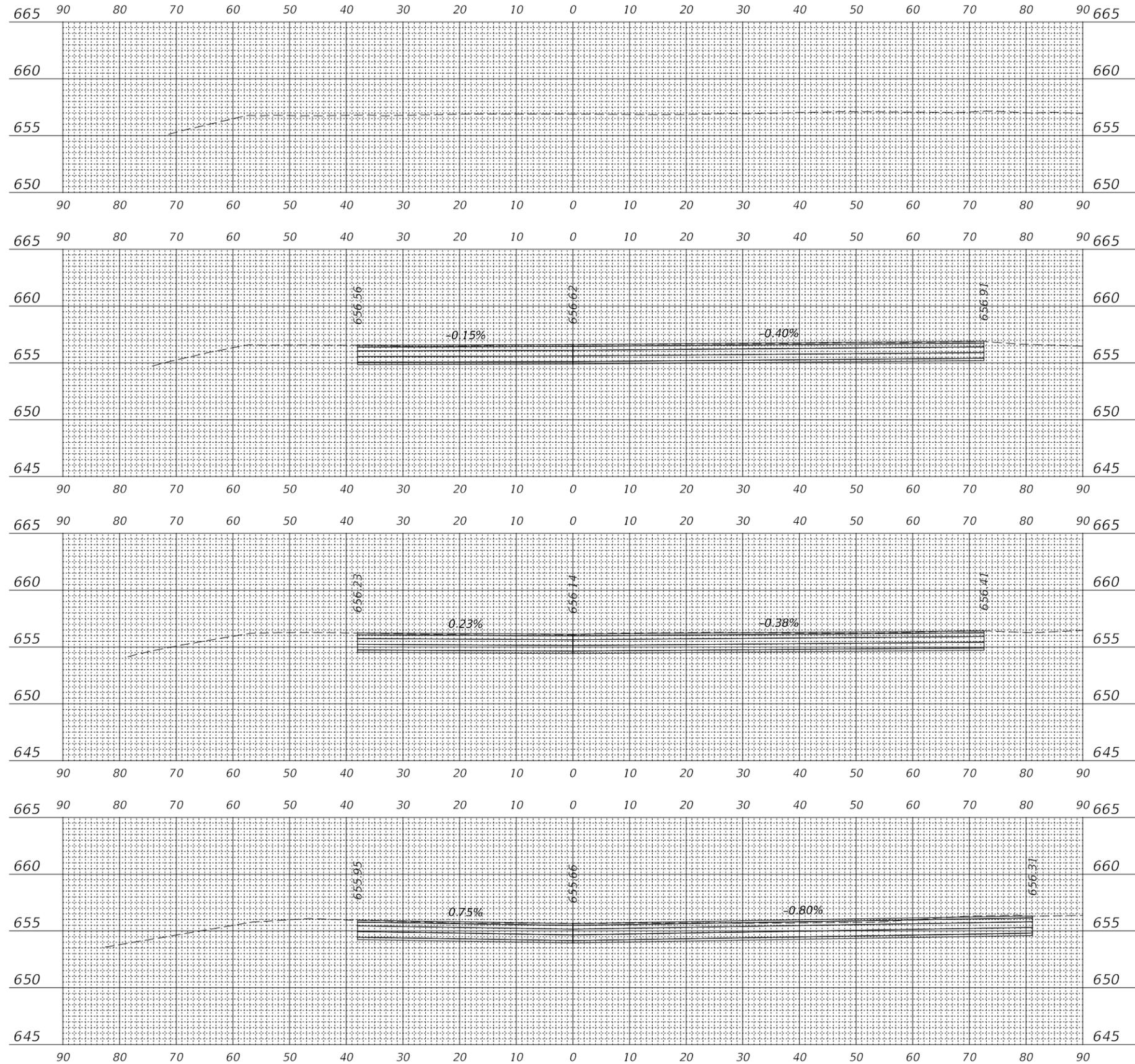
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PAVEMENTS, PHASE 2**  
CLOW INTERNATIONAL AIRPORT  
130 CLOW INTERNATIONAL PKWY  
BOLINGBROOK, IL 60490

DATE	DESCRIPTION
	PROPOSED CROSS SECTIONS

PROJECT #: 1C5-4680	DATE: 4/28/2020
------------------------	--------------------



C = 0.00 Sq. Ft.  
F = 0.00 Sq. Ft.

**216 + 66.89 R1**

C = 182.98 Sq. Ft.  
F = 0.00 Sq. Ft.

**216 + 50.00 R1**

C = 185.79 Sq. Ft.  
F = 0.00 Sq. Ft.

**216 + 25.00 R1**

C = 191.63 Sq. Ft.  
F = 0.00 Sq. Ft.

**216 + 00.00 R1**



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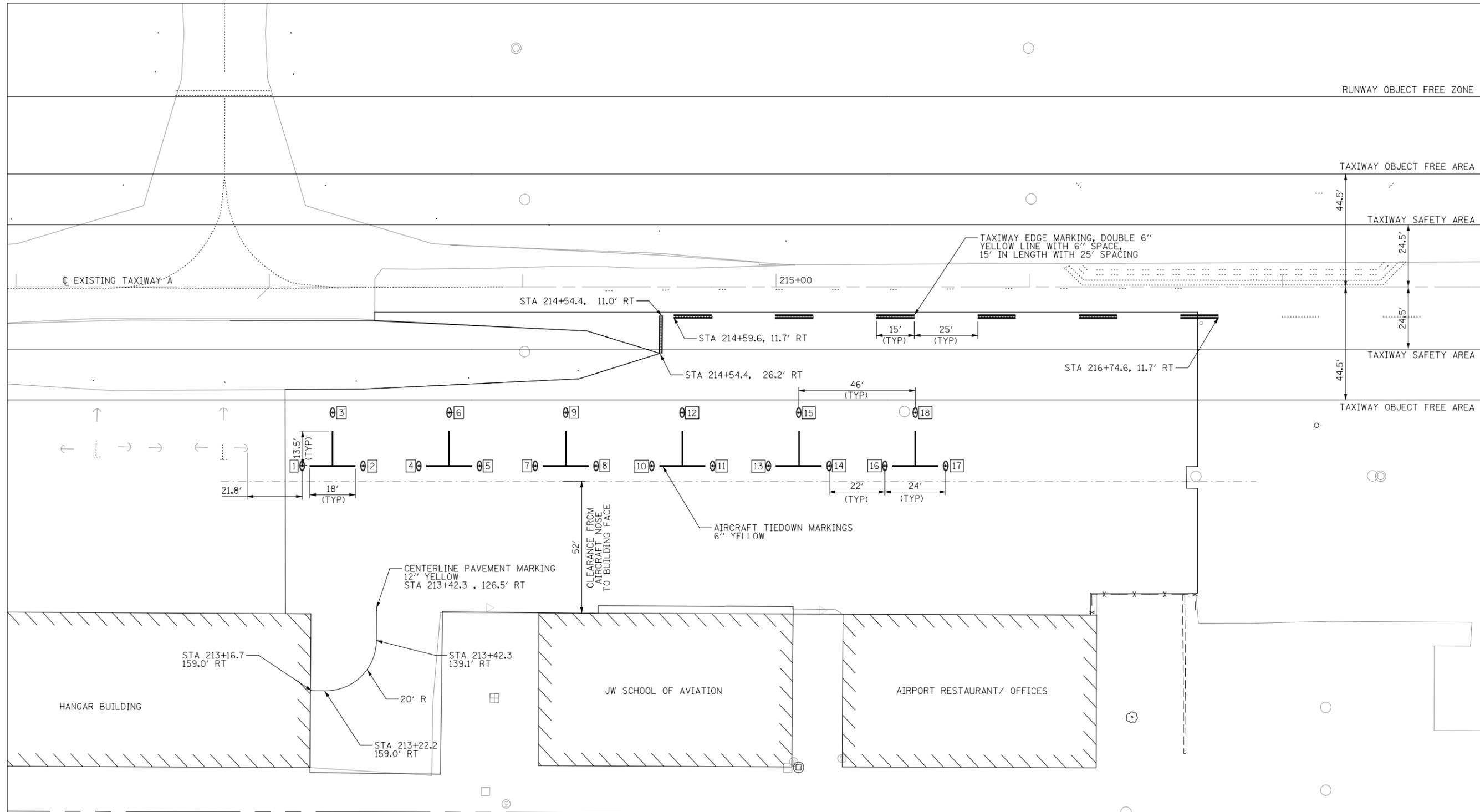
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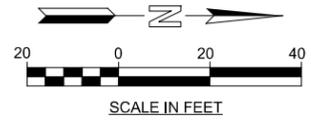
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DATE DESCRIPTION  
**PROPOSED  
CROSS SECTIONS**

PROJECT #: 1C5-4680 DATE: 4/28/2020



- LEGEND**
- PROPOSED PAVEMENT MARKINGS
  - EXISTING PAVEMENT MARKING TO REMAIN
  - PROPOSED TIEDOWN
  - EXISTING TIEDOWN
  - EXISTING BUILDING
  - EXISTING PAVEMENT
  - PROPOSED PAVEMENT
  - TIEDOWN NUMBER (SEE TIEDOWN SCHEDULE/DETAIL)



RUNWAY OBJECT FREE ZONE

TAXIWAY OBJECT FREE AREA

TAXIWAY SAFETY AREA

TAXIWAY SAFETY AREA

TAXIWAY OBJECT FREE AREA

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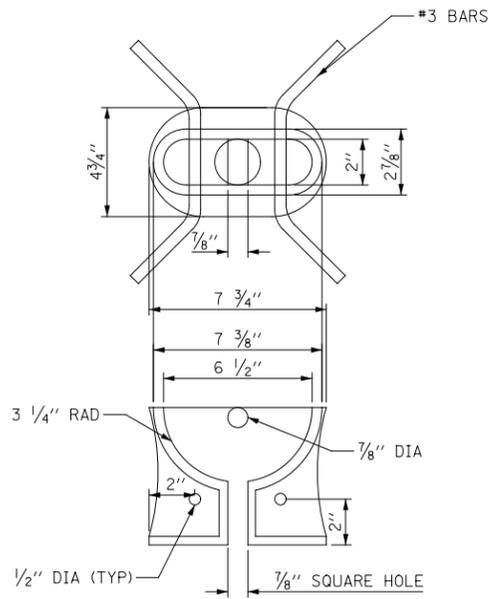
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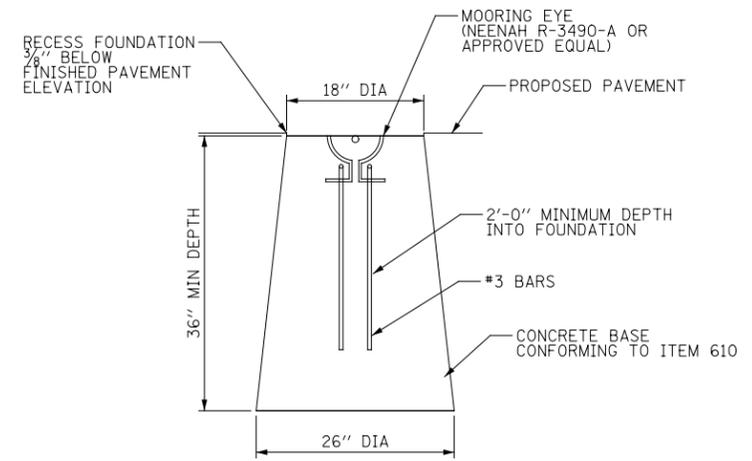
DATE DESCRIPTION

**PAVEMENT MARKING PLAN**

PROJECT #: 1C5-4680      DATE: 4/28/2020



TIEDOWN MOORING EYE DETAIL



TIEDOWN MOORING EYE FOUNDATION DETAIL

TIEDOWN NO.	STATION	OFFSET
1	213+13	70.5' RT
2	213+37	70.5' RT
3	213+25	49.5' RT
4	213+59	70.5' RT
5	213+83	70.5' RT
6	213+71	49.5' RT
7	214+05	70.5' RT
8	214+29	70.5' RT
9	214+17	49.5' RT
10	214+51	70.5' RT
11	214+75	70.5' RT
12	214+63	49.5' RT
13	214+97	70.5' RT
14	215+21	70.5' RT
15	215+09	49.5' RT
16	215+43	70.5' RT
17	215+67	70.5' RT
18	215+55	49.5' RT

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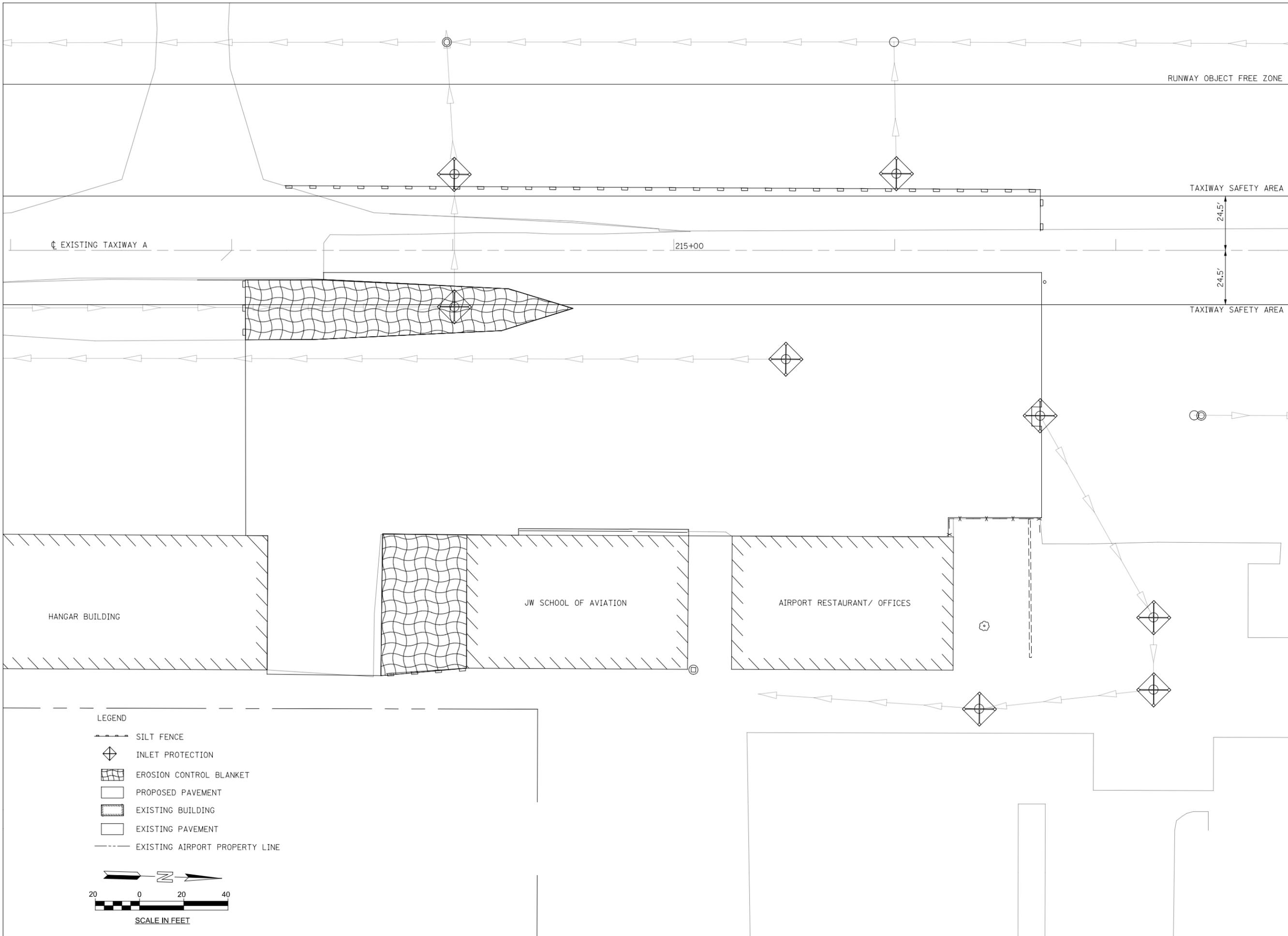
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TIEDOWN DETAIL  
 AND  
 SCHEDULE

PROJECT #:  
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DATE:  
 4/28/2020



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DATE	DESCRIPTION
	<b>STORMWATER            POLLUTION            PREVENTION            PLAN (SWPPP)</b>
PROJECT #: 1C5-4680	DATE: 4/28/2020
18 of 21	

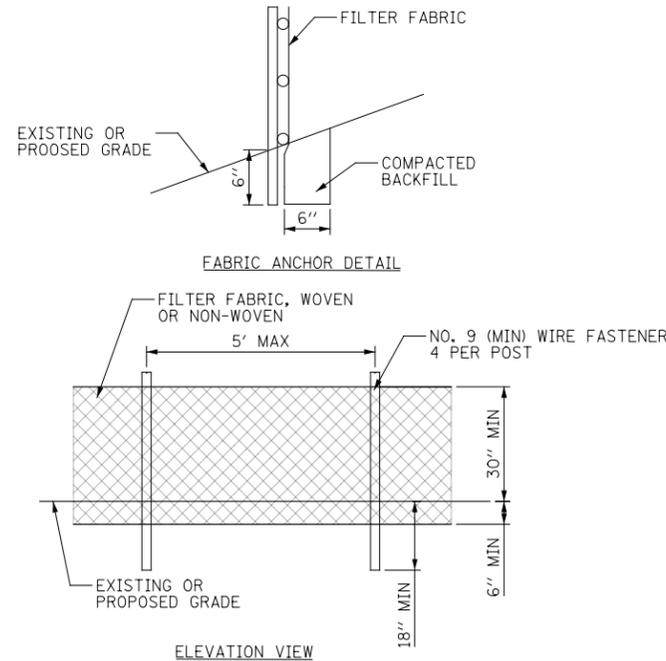
# STORMWATER POLLUTION PREVENTION PLAN

THIS PLAN HAS BEEN PREPARED TO ESTABLISH AND IMPLEMENT TEMPORARY EROSION CONTROL SYSTEMS WITHIN THE PROJECT TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN TO COMPLY WITH NPDES REQUIREMENTS.

## SITE DESCRIPTION

THE SITE CONSISTS OF AN EXISTING AIRCRAFT APRON PARKING AREA MADE OF HMA PAVEMENT. THE APRON IMPROVEMENTS WILL EXTEND THE PHASE 1 APRON IMPROVEMENTS SOUTH APPROXIMATELY 355 FEET TO THE SOUTH HANGAR BUILDING.

- A. ESTIMATED AREA OF DISTURBANCE = 1.2 ACRE
- B. SEQUENCE OF CONSTRUCTION ACTIVITIES MAY BE AS FOLLOWS:
  - INSTALL PERIMETER EROSION BARRIER AND INLET PROTECTION
  - CONSTRUCT CONCRETE WASHOUTS AT CONSTRUCTION ENTRANCES AND STAGING AREAS
  - COMMENCE SITE REMOVAL/EXCAVATION FOR STAGE 1
  - STOCKPILE AND SCREEN EXCAVATED SOIL FOR POTENTIAL CONTAMINATION WITHIN STAGE 1 CONSTRUCTION AREAS
  - CONSTRUCT ASSOCIATED WORK WITHIN STAGE 1 CONSTRUCTION AREA
  - COMMENCE SITE REMOVAL/EXCAVATION FOR STAGE 2
  - STOCKPILE AND SCREEN EXCAVATED SOIL FOR POTENTIAL CONTAMINATION WITHIN STAGE 2 CONSTRUCTION AREAS
  - CONSTRUCT ASSOCIATED WORK WITHIN STAGE 2 CONSTRUCTION AREA
  - PLACE FINAL EROSION CONTROL AND SEEDING MEASURES
  - REMOVE CONTAMINATED SOILS FROM SITE
  - RESTORE STAGING AREA TO ITS ORIGINAL STATE
  - REMOVE PERIMETER EROSION BARRIERS, CONCRETE WASHOUT AREAS, AND ANY ADDITIONAL TEMPORARY EROSION CONTROL MEASURES WITHIN THE PROJECT SITE.



## GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

WATER PUMPED OR DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED BY AN APPROVED MEANS.

ALL DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES WITHIN 7 CALENDAR DAYS OF DISTURBANCE.

EMBANKMENTS WITH SLOPES GREATER THAN OR EQUAL TO 3H:1V SHALL BE STABILIZED WITH SOD, MAT OR BLANKET WITH SEEDING.

EROSION CONTROL BLANKET SHALL BE REQUIRED ON ALL DISTURBED AREAS.

ALL FUNCTIONING STORM SEWERS WITHIN THE CONSTRUCTION SITE SHOULD BE PROTECTED BY EROSION CONTROL MEASURES.

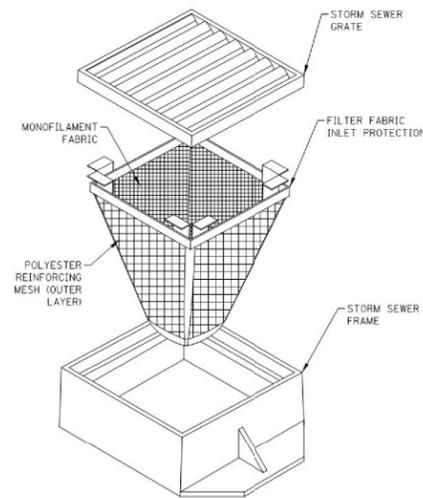
THE CONTRACTOR SHALL PROVIDE LOCATIONS FOR CONCRETE WASHOUTS FOR CONSTRUCTION VEHICLES AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE AREAS TO WASHOUT PAVING EQUIPMENT AND FINISHING TOOLS. ALL WASTE WATER AND EXCESS PAVEMENT MATERIALS SHALL BE CONTAINED BY AN APPROVED CONCRETE WASHOUT FACILITY.

ALL PERMANENTS AND TEMPORARY EROSION CONTROL MEASURES SHOULD BE MAINTAINED TO THE APPROVAL OF THE ENGINEER AND AIRPORT MANAGER.

SOIL STOCKPILES SHOULD BE LIMITED TO LOCATIONS SHOWN IN THE PLANS AND SHALL NOT ENCRONCH ON TAXIWAY OR RUNWAY SAFETY AREAS OR OBJECT FREE ZONES.

EROSION CONTROL MEASURES SHOWN IN THESE PLANS ARE THE MINIMUM REQUIRED BY THE CONTRACTOR. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DURING CONSTRUCTION ACTIVITIES AND MUST BE PROVIDED AS DIRECTED AND APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL INSPECT ADJACENT STREETS DAILY AND CLEAN ANY SOIL AND DEBRIS WHEN NECESSARY



## INLET PROTECTION NOTES

INLET PROTECTION SHALL CONSIST OF AN INLET BASKET AND FABRIC INSERT, IPP FLEXTORM BY EROTEX OR APPROVED EQUAL.

EACH INLET PROTECTION FILTER SHALL CONTAIN AN OVERFLOW FEATUR SO DRAINAGE TO INLET IS NOT COMPLETELY BLOCKED IF DEVICE IS FULL OF SILT.

FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE OF AT LEAST NO. 70 SIEVE.

FILTER FABRIC SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 100 LBS FOR NONWOVEN.

POLYESTER OUTER REINFORCEMENT BAG SHALL HAVE FABRIC WITH A WEIGHT OF 4.55 OZ/SQ YD +/- 15 PERCENT.

FRAME CONSTRUCTION SHALL HAVE A TENSILE STRENGTH OF AT LEAST 58,000 PSI AND A YEILD STRENGTH OF AT LEAST 36,000 PSI.

MAINTENANVE SHALL BE PERFORMED AS NEEDED. REMOVE SILT FROM FABRIC INSTERT WHEN 50% OF CAPACITY IS REACHED. REMOVE SILT FROM INTERIOR AND EXTERIOR OF INLET DAM WHEN 50% OF DAM HEIGHT IS REACHED.

PAYMENT FOR INLET PROTECTION MAINTENANCE SHALL BE INCIDENTAL TO INLET PROTECTION.

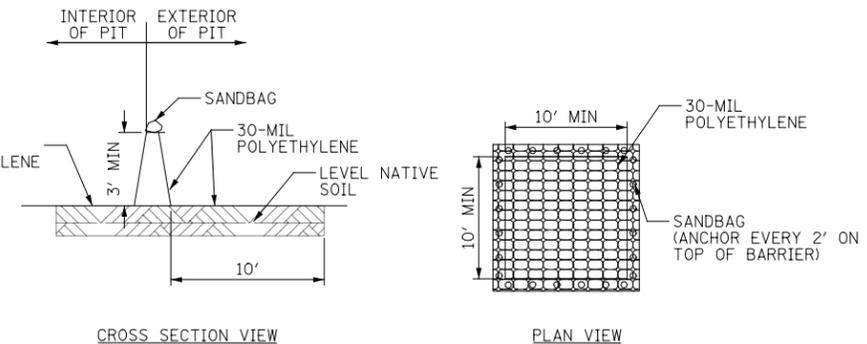
## STORM WATER POLLUTION PREVENTION NOTES

### GENERAL

THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORMWATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.

THE MAINTENANCE OF ALL STORM WATER POLLUTION PREVENTION MEASURES IS INCIDENTAL TO THE ASSOCIATED PAY ITEM.

POLLUTION PREVENTION MEASURES  
THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PREVENTION PRACTICES AND MEASURES PRIOR TO STRIPPING OF EXISTING VEGETATION WHEREVER POSSIBLE AND AS CONSTRUCTION PERMITS IN OTHER AREAS.



## CONCRETE WASHOUT FACILITY

MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEND CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUCNIONAL CONDITION.

FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW ARE ONCE WASHOUT BECOMES TWO THIRDS FULL.

FACILITY SHALL BE REMOVED AND THE DISTURBED AREAS RETURNED TO THE ORIGINAL CONDITION WHEN THE WASHOUT IS NO LONGER NEEDED.

## CONTROL MEASURES

### SILT FENCE NOTES

SILT FENCE SHALL BE WOVEN AND MEET AT MINIMUM AASHTO M288 SPECIFICATIONS FOR UNSUPPORTED SILT FENCE WITH THAN 50 PERCENT GEOTEXTILE ELONGATION. OTHER PROPERTIES OF SILT FENCE SHALL MEET AASHTO M288 UNLESS OTHERWISE STATED IN THE PLANS OR SPECIFICATIONS.

FENCE POST SHALL BE EITHER STEEL "T" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 2.0 SQUARE INCHES. A CARPENTER'S (NOMINAL) 2"X2" WILL MEET SPECIFICATIONS.

**KNIGHT**

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**Bolingbrook**  
a place to grow  
Population 75,350

Village of Bolingbrook  
375 West Birtchcliff Road  
Bolingbrook, IL 60440  
Phone: (630) 226-8400

IDA NUMBER:  
SBGP NUMBER:  
IL CONTRACT:  
IL LETTING ITEM:

PROJECT:  
**REHABILITATE APRON PAVEMENTS, PHASE 2**

CLOW INTERNATIONAL AIRPORT  
130 CLOW INTERNATIONAL PKWY  
BOLINGBROOK, IL 60490

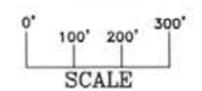
DATE DESCRIPTION

**SWPPP NOTES AND DETAILS**

PROJECT #: 1C5-4680 DATE: 4/28/2020



**LEGEND**  
 SOIL BORING



**EPI ENVIRONMENTAL PROTECTION INDUSTRIES**  
 16650 SOUTH CANAL, SOUTH HOLLAND, IL 60473

DATE	DESIGNED	CAD	CHECKED	APP'D
1/9/19	T.H.	T.H.	S.M.	S.M.

JOB LOC. 130 Clow International Parkway, Bolingbrook, IL  
 TITLE: SOIL BORING LOCATION MAP  
 DWG NO. 191158 JOB NO. 191158 SC

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 BOLINGBROOK, IL 60490

DATE	DESCRIPTION
	SOIL BORINGS MAP

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