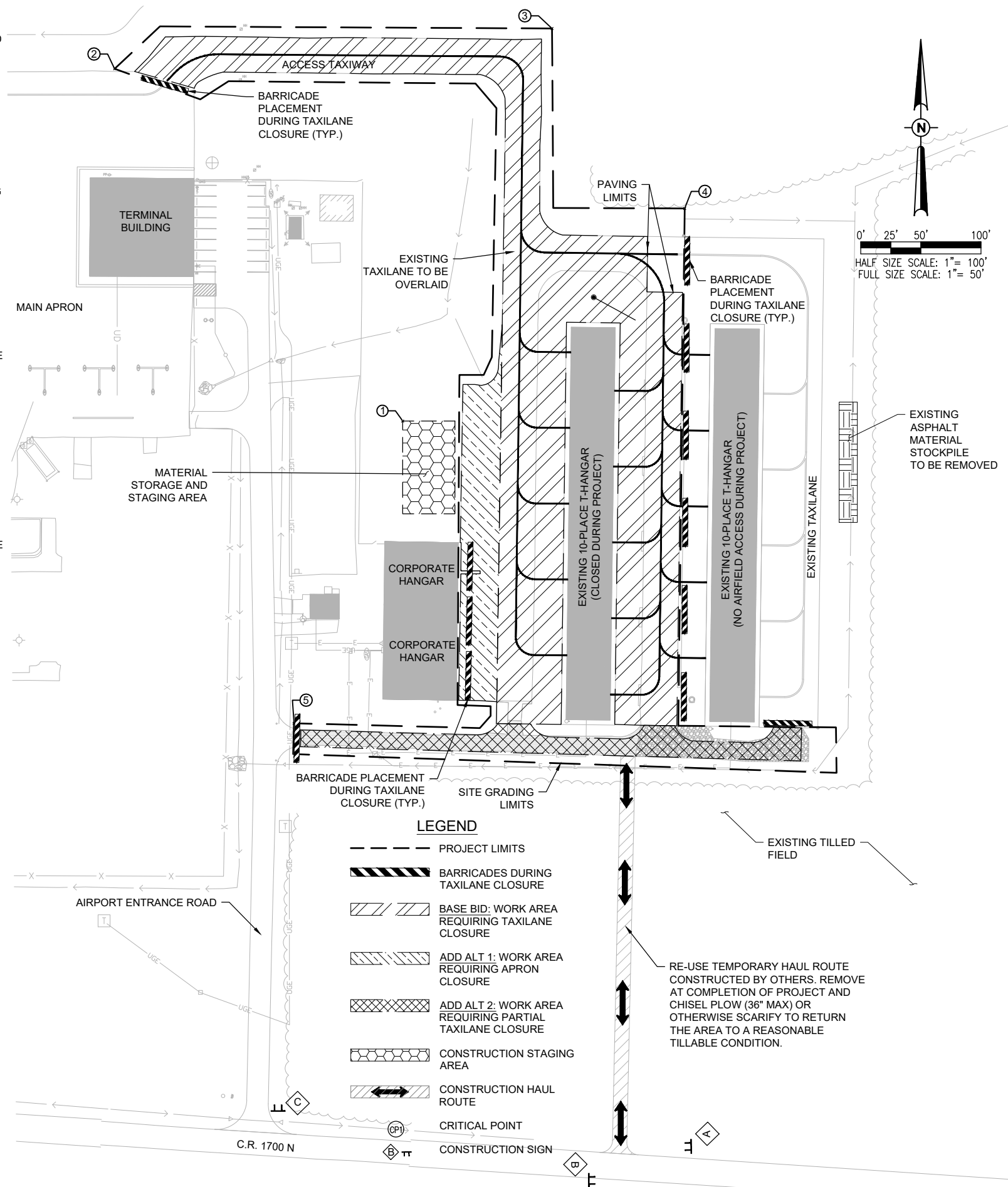


CONSTRUCTION SAFETY PLAN AND NOTES

- CONSTRUCTION SAFETY PLAN** - THE VANDALIA MUNICIPAL AIRPORT IS COMPRISED OF TWO PAVED RUNWAYS. THE PROPOSED RECONSTRUCT AIRCRAFT T-HANGAR ACCESS PAVEMENTS PROJECT WILL NOT REQUIRE RUNWAY CLOSURE, HOWEVER TEMPORARY CLOSURES OF THE TAXIWAY AND TAXILANES IN THE T-HANGAR AREA, AS WELL AS THE SOUTH ACCESS ROAD WILL BE NECESSARY. SPECIFIC ITEMS REGARDING CLOSURES INCLUDE:
 - THE TAXIWAY AND/OR TAXILANE SHALL BE CLOSED ANYTIME THE CONTRACTOR IS WORKING WITHIN 40 FEET OF THE CENTERLINE, OR HAS SURFACE DROP-OFFS WITHIN 25 FEET OF THE CENTERLINE THAT ARE GREATER THAN 3 INCHES.
 - THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN SHALL BE NOTIFIED A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TAXIWAY AND TAXILANES CLOSING TIME.
 - THE EXISTING TAXIWAY AND TAXILANES SHALL BE PAVED WITHIN THREE DAYS OF MILLING.
 - BARRICADES SHALL BE PLACED AT THE LOCATION(S) SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
 - THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE CLOSURES AND ACCOMMODATE TENANTS OF THE EXISTING HANGARS. REGARDLESS OF WHETHER THE TAXIWAY AND/OR TAXILANE IS OPEN, THE CONTRACTOR SHALL SWEEP THE TAXIWAY AND/OR TAXILANE DAILY AND KEEP THE AREA WITHIN 40 FEET OF THE TAXIWAY AND/OR TAXILANE CENTERLINE FREE OF EQUIPMENT AND MATERIALS WHEN NOT WORKING.
- ALL PROVISIONS OF FAA ADVISORY CIRCULAR AC 150/5370-2G (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN. ANY MODIFICATIONS TO THIS PLAN MUST BE RESUBMITTED TO AND REEVALUATED BY THE FAA.
- ALL COSTS ASSOCIATED WITH THE WORK AND MATERIALS INVOLVING CONSTRUCTION SAFETY & PHASING AS SHOWN OR DESCRIBED IN THE CONTRACT DOCUMENTS, OR AS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN OR AIRPORT MANAGER THROUGHOUT THE PROJECT, SHALL BE INCIDENTAL TO THE CONSTRUCTION CONTRACT.
- AIRFIELD SAFETY ASSURANCE** - AIRFIELD SAFETY SHALL BE HELD PARAMOUNT AT ALL TIMES. ANY INDIVIDUALS RESPONSIBLE FOR INCURSIONS OR POTENTIAL INCURSIONS WITH AIR TRAFFIC DUE TO NON-COMPLIANCE WITH REQUIREMENTS SET FOR IN THESE PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND FAA ADVISORY CIRCULAR 150/5370-2G WILL BE SUBJECT TO AN IMMEDIATE SUSPENSION OF DRIVING PRIVILEGES ON THE AIRPORT OR A COMPLETE RESTRICTION FROM ENTERING THE AIR OPERATIONS AREA ALTOGETHER. THE AIRPORT MANAGER OR RESIDENT ENGINEER/TECHNICIAN MAY STOP THE WORK AT ANY TIME THEY BELIEVE AIRFIELD SAFETY IS BEING COMPROMISED.
- ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" (CURRENT EDITION).
- THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT IS 25 FEET OR AS SHOWN FOR A PARTICULAR LOCATION. EQUIPMENT WITH HEIGHTS GREATER THAN THAT SHOWN WILL NOT BE ALLOWED ONSITE UNLESS ADDITIONAL AIR SPACE APPROVAL IS ACQUIRED.
- CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND OTHER HAZARDOUS AREAS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION", LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- NO PAVEMENT EDGE DROP-OFFS GREATER THAN 3" ARE ALLOWED TO REMAIN ON ANY ACTIVE AIRFIELD PAVEMENT AREA. TEMPORARY EARTH OR SHOULDERS SHALL BE PLACED IF AN INCOMPLETE AREA IS TO BE REOPENED TO AIRCRAFT TRAFFIC.
- SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEP, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND ENGINEER. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
- ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER AS NECESSARY TO CONTROL DUST.
- RADIO CONTROL** - THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AN AIRBAND RADIO AND MAINTAIN TWO-WAY RADIO CONTACT WITH THE VANDALIA MUNICIPAL AIRPORT UNICOM (122.8 MHz) WHILE HE HAS PERSONNEL OR EQUIPMENT ON THE AIRFIELD.

CRITICAL POINTS						
POINT #	DESCRIPTION	LATITUDE	LONGITUDE	SE	AGL	AMSL
1	STAGING AREA	038° 59' 14.79"	-089° 09' 52.17"	531'	25'	556'
2	WORK AREA	038° 59' 17.66"	-089° 09' 55.24"	530'	25'	555'
3	WORK AREA	038° 59' 18.02"	-089° 09' 50.64"	531'	25'	556'
4	WORK AREA	038° 59' 16.55"	-089° 09' 49.22"	532'	25'	557'
5	WORK AREA	038° 59' 12.29"	-089° 09' 53.29"	532'	25'	557'



Engineering | Planning | Allied Services
 Hanson Professional Services Inc.
 1525 S. 6th Street
 Springfield, IL 62703
 phone: 217-788-2450
 fax: 217-788-2503
 Offices Nationwide
 www.hanson-inc.com

Illinois Licensed
 Professional Service Corporation
 #184-001084

Vandalia Park District
 900 North Locust Street
 Vandalia, Illinois 62471



Jaycen R. Herndon

DATE: 11/17/2023 LICENSE: 11/30/2025

RECONSTRUCT AIRCRAFT T-HANGAR ACCESS PAVEMENTS

IDA No: VLA-5044

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023

PROJECT NO: 22A0006D
 CAD FILE: G-003-SFY.DWG
 DESIGN BY: JRH 3/10/2023
 DRAWN BY: JRH 3/17/2023
 REVIEWED BY: BSS 4/21/2023

SHEET TITLE

CONSTRUCTION SAFETY PLAN

FOR BID

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Jaycen R. Herndon

DATE: 11/17/2023 LICENSE: 11/30/2025
SIGNED: 11/17/2023 EXPIRES: 11/30/2025

**RECONSTRUCT
AIRCRAFT T-HANGAR
ACCESS PAVEMENTS**

IDA No: VLA-5044

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023

PROJECT NO: 22A0006D
CAD FILE: G-003-SFY.DWG
DESIGN BY: JRH 3/10/2023
DRAWN BY: JRH 3/17/2023
REVIEWED BY: BSS 4/21/2023

SHEET TITLE

**CONSTRUCTION
SAFETY NOTES &
DETAILS**

SAFETY NOTES

- THE FOLLOWING NOTES ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET AND THIS SHEET.
- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2G (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT.
- THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
- NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
- CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW.
- ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5D, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION.
- NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE, WITHIN 62' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA (EX. TAXIWAY), OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
- CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2G, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2G, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 62' OF ANY TAXIWAY CENTERLINE WILL BE PERMITTED UNLESS APPROPRIATELY BACKFILLED OR COVERED. COVERING FOR OPEN TRENCHES MUST BE DESIGNED TO ALLOW SAFE OPERATIONS OF THE HEAVIEST AIRCRAFT OPERATING ON THE RUNWAY/TAXIWAY ACROSS THE TRENCH WITHOUT DAMAGING THE AIRCRAFT. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
- NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT UNLESS PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.
- NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRACKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEPED, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
- ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN.
- CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
- THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
- CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
- THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST.
- NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE RUNWAY, INCLUDING TURF RUNWAYS. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 250' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 62' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPROVAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
- UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.



W20-3
48" x 48" A



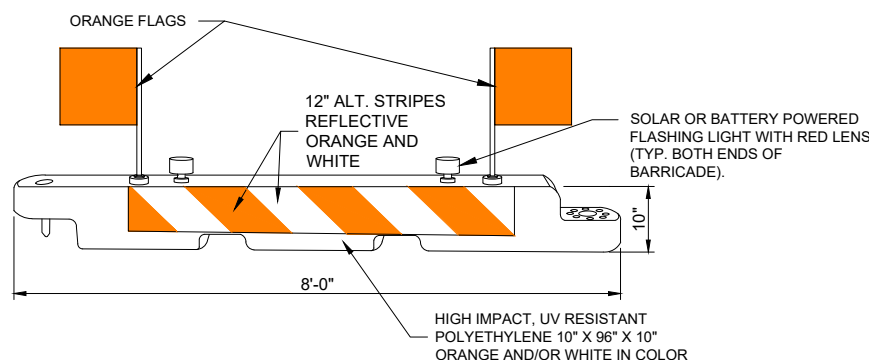
W20-3
48" x 48" B



W20-3
48" x 48" C

CONSTRUCTION SIGNS

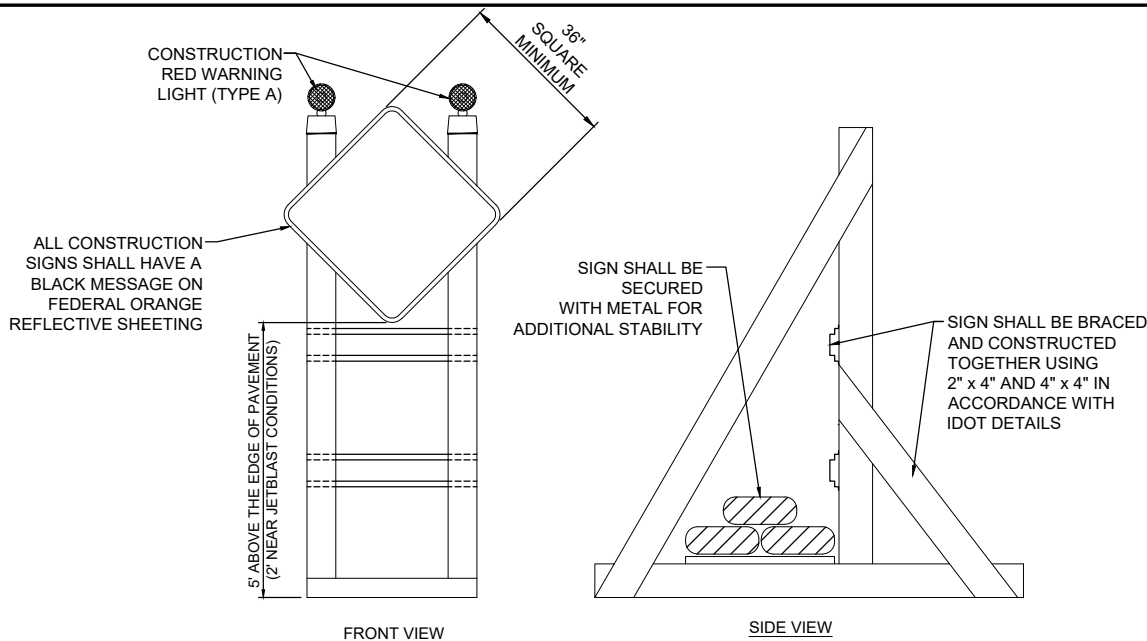
NOT TO SCALE



LOW-PROFILE BARRICADE DETAIL

NOT TO SCALE

DETAIL ABOVE REPRESENTS ONE OPTION FOR LOW-PROFILE BARRICADES. OTHER OPTIONS MAY BE UTILIZED AS LONG AS THEY MEET THE REQUIREMENTS OF THE PROJECT, INCLUDING BARRICADE NOTE 1.



SIGNAGE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- UNLESS OTHERWISE SPECIFIED, CONSTRUCTION SIGNS SHALL BE MOUNTED ON PORTABLE OR NON-PORTABLE SUPPORTS. A PORTABLE SUPPORT IS DEFINED AS A TYPICAL SIGN STANDARD AS SHOWN ON THIS SHEET, OR A SMALL LIGHT WEIGHT TRAILER. A NON-PORTABLE SUPPORT IS DEFINED AS DRIVEN METAL OR WOOD POST. ALL SIGNS, REGARDLESS OF THE TYPE OF SUPPORTS USED, SHALL BE MOUNTED SUCH THAT THE MESSAGE ON THE SIGN IS LEVEL IN THE HORIZONTAL PLANE AFTER PLACEMENT. THE COST OF CONSTRUCTION WARNING LIGHTS SHALL BE INCLUDED IN THE COST OF THE CONSTRUCTION SIGNS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY ARE TO BE USED IN A LOW INTENSITY FLASHING MODE (TYPE A).
- THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING SIGNS SHALL BE INCLUDED IN ITEM AR150540 HAUL ROUTE.

BARRICADE NOTES

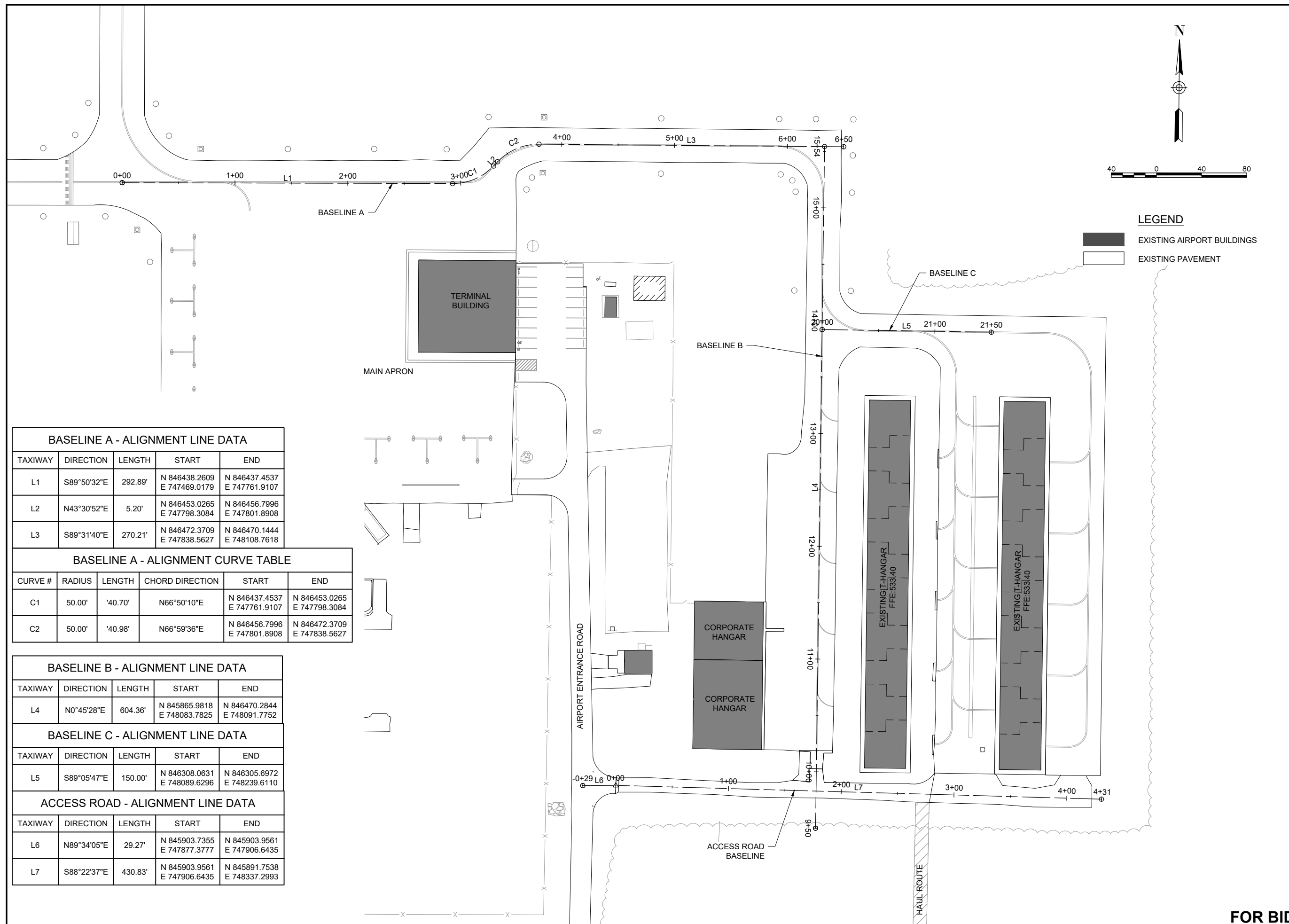
- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- BARRICADES SHALL BE "LOW-PROFILE" WITH A MAXIMUM HEIGHT OF 18" ABOVE GROUND, EXCLUSIVE OF ASSOCIATED WARNING LIGHTS AND FLAGS.
- BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT, WITH GAPS BETWEEN BARRICADES NOT TO EXCEED 4' WIDE. BARRICADES ARE TO BE SET BACK 66' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
- CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
- THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR BEFORE SUNSET AND 1/2 HOUR AFTER SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
- BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
- THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE PAID FOR UNDER ITEM AR150520 - MOBILIZATION.

FOR BID



LEGEND

- EXISTING AIRPORT BUILDINGS
- EXISTING PAVEMENT



BASELINE A - ALIGNMENT LINE DATA

TAXIWAY	DIRECTION	LENGTH	START	END
L1	S89°50'32"E	292.89'	N 846438.2609 E 747469.0179	N 846437.4537 E 747761.9107
L2	N43°30'52"E	5.20'	N 846453.0265 E 747798.3084	N 846456.7996 E 747801.8908
L3	S89°31'40"E	270.21'	N 846472.3709 E 747838.5627	N 846470.1444 E 748108.7618

BASELINE A - ALIGNMENT CURVE TABLE

CURVE #	RADIUS	LENGTH	CHORD DIRECTION	START	END
C1	50.00'	40.70'	N66°50'10"E	N 846437.4537 E 747761.9107	N 846453.0265 E 747798.3084
C2	50.00'	40.98'	N66°59'36"E	N 846456.7996 E 747801.8908	N 846472.3709 E 747838.5627

BASELINE B - ALIGNMENT LINE DATA

TAXIWAY	DIRECTION	LENGTH	START	END
L4	N0°45'28"E	604.36'	N 845865.9818 E 748083.7825	N 846470.2844 E 748091.7752

BASELINE C - ALIGNMENT LINE DATA

TAXIWAY	DIRECTION	LENGTH	START	END
L5	S89°05'47"E	150.00'	N 846308.0631 E 748089.6296	N 846305.6972 E 748239.6110

ACCESS ROAD - ALIGNMENT LINE DATA

TAXIWAY	DIRECTION	LENGTH	START	END
L6	N89°34'05"E	29.27'	N 845903.7355 E 747877.3777	N 845903.9561 E 747906.6435
L7	S88°22'37"E	430.83'	N 845903.9561 E 747906.6435	N 845891.7538 E 748337.2993

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Jaycen R. Herndon

DATE: 11/17/2023 LICENSE: 062.069664
 SIGNED: 11/17/2023 EXPIRES: 11/30/2025

**RECONSTRUCT
 AIRCRAFT T-HANGAR
 ACCESS PAVEMENTS**

IDA No: VLA-5044

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023
 PROJECT NO: 22A006D
 CAD FILE: C-101-SVY.DWG
 DESIGN BY: JRH 3/10/2023
 DRAWN BY: JRH 3/17/2023
 REVIEWED BY: BSS 4/21/2023

SHEET TITLE

**ALIGNMENT DATA
 SHEET**

FOR BID



LEGEND

- EXISTING AIRPORT BUILDINGS
- BASE BID: PROPOSED 1.5" BITUMINOUS OVERLAY
- BASE BID: PROPOSED FULL-DEPTH TAXIWAY/TAXILANE PAVING
- BASE BID: PROPOSED FULL-DEPTH ACCESS ROAD PAVING
- ADD ALT 1: PROPOSED 1.5" BITUMINOUS MILL & OVERLAY

NOTES:

1. MILLING OF EXISTING TAXIWAY/TAXILANE SHALL BE VARIABLE DEPTH TO PROVIDE A MINIMUM 1.5" OVERLAY DEPTH FOLLOWING MILLING OPERATIONS.
2. CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING AND COMPACTING SUBGRADE OR AGGREGATE AROUND EXISTING STORM SEWER.
3. ACCORDING TO RECORD DRAWINGS, EXISTING INLETS TO BE ADJUSTED ARE 36" R.C.C.P. W/ NEENAH, TYPE G, R-4370-27A INLET GRATE. FIELD VERIFY.



Jaycen R. Herndon

DATE: 11/17/2023 LICENSE: 062.069664
 SIGNED: 11/17/2023 EXPIRES: 11/30/2025

**RECONSTRUCT
 AIRCRAFT T-HANGAR
 ACCESS PAVEMENTS**

IDA No: VLA-5044

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023

PROJECT NO: 22A0006D

CAD FILE: C-121-CON.DWG

DESIGN BY: JRH 3/10/2023

DRAWN BY: JRH 3/17/2023

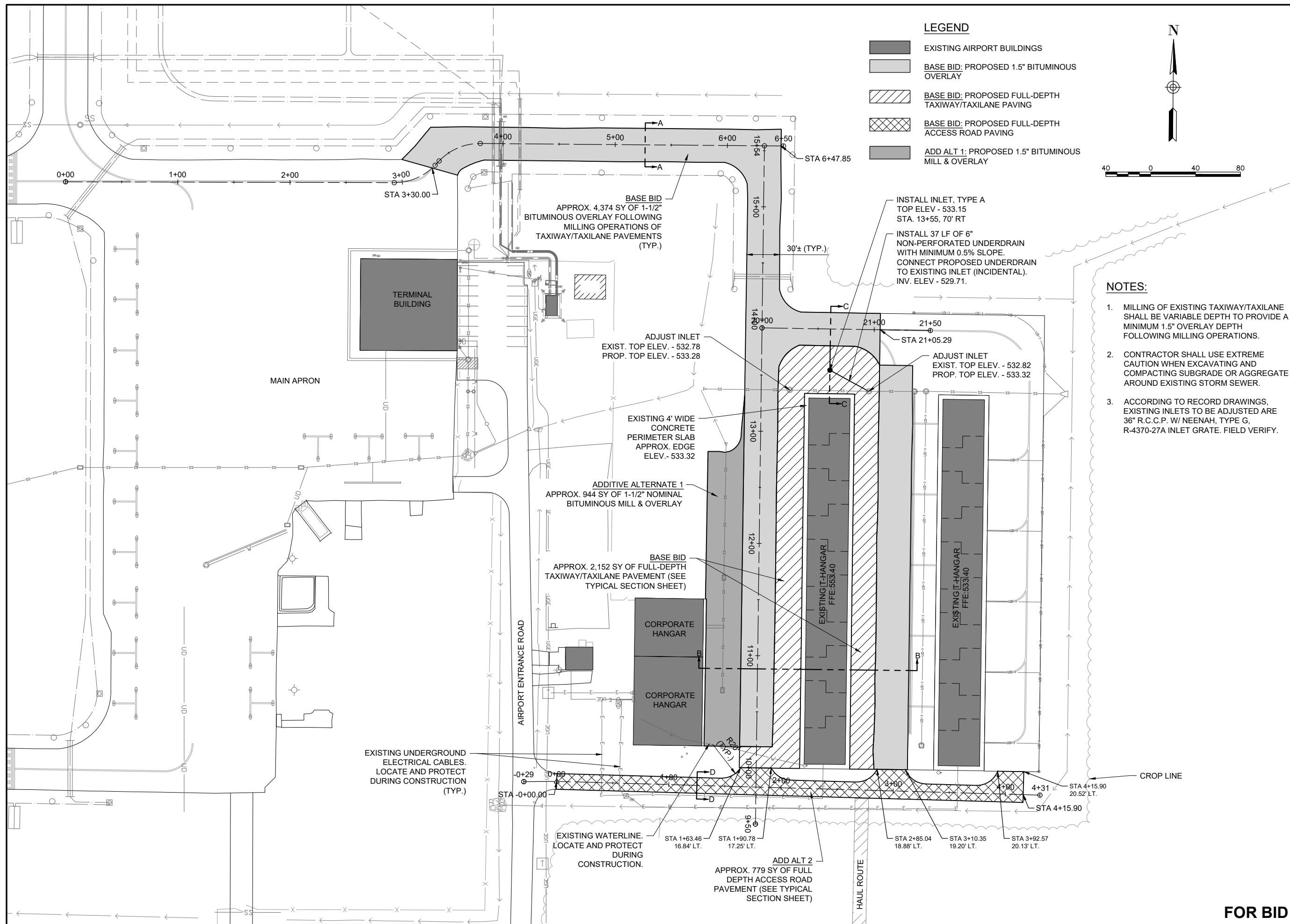
REVIEWED BY: BSS 4/21/2023

SHEET TITLE

**PROPOSED
 CONSTRUCTION
 PLAN**

FOR BID

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Jaycen R. Herndon

DATE: 11/17/2023 LICENSE: 11/30/2025
 SIGNED: 11/17/2023 EXPIRES: 11/30/2025

**RECONSTRUCT
 AIRCRAFT T-HANGAR
 ACCESS PAVEMENTS**

IDA No: VLA-5044

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023

PROJECT NO: 22A0006D

CAD FILE: C-501-TYP.DWG

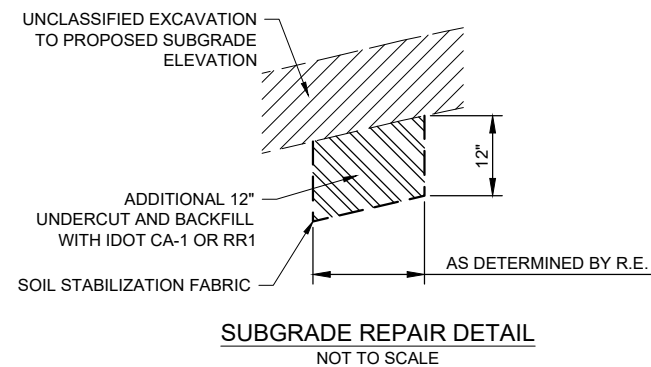
DESIGN BY: JRH 3/10/2023

DRAWN BY: JRH 3/17/2023

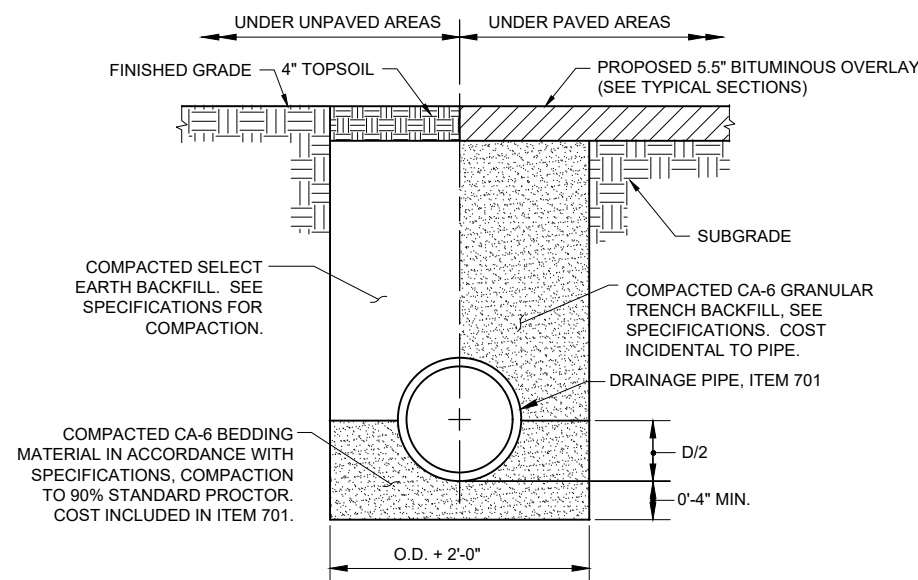
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SHEET TITLE

**PROPOSED
 CONSTRUCTION
 DETAILS**



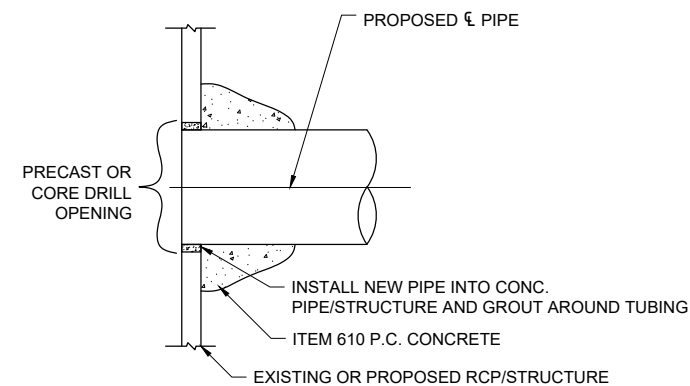
SUBGRADE REPAIR DETAIL
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NOTES

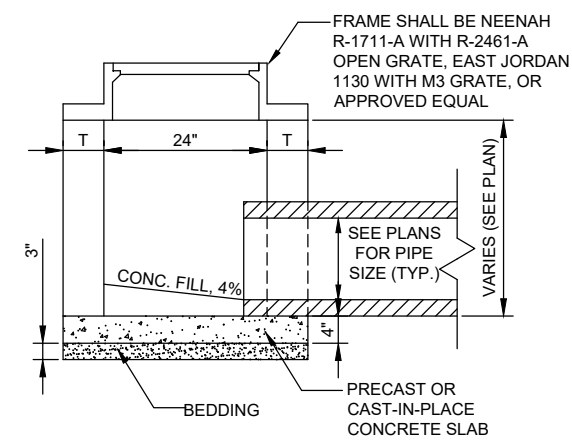
1. UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND REPLACED.
2. WITHIN 3 FEET OF PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.
3. AT CONTRACTOR'S OPTION IDOT CONTROLLED LOW STRENGTH MATERIAL WITH A HIGH EARLY STRENGTH, "FLASH FILL", MAY BE USED INSTEAD OF GRANULAR TRENCH BACKFILL UNDER PAVEMENTS.

PIPE TRENCH
 NOT TO SCALE



CONCRETE COLLAR AND GROUT CONNECTION
 NOT TO SCALE

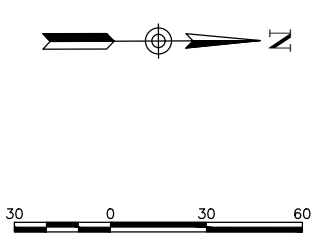
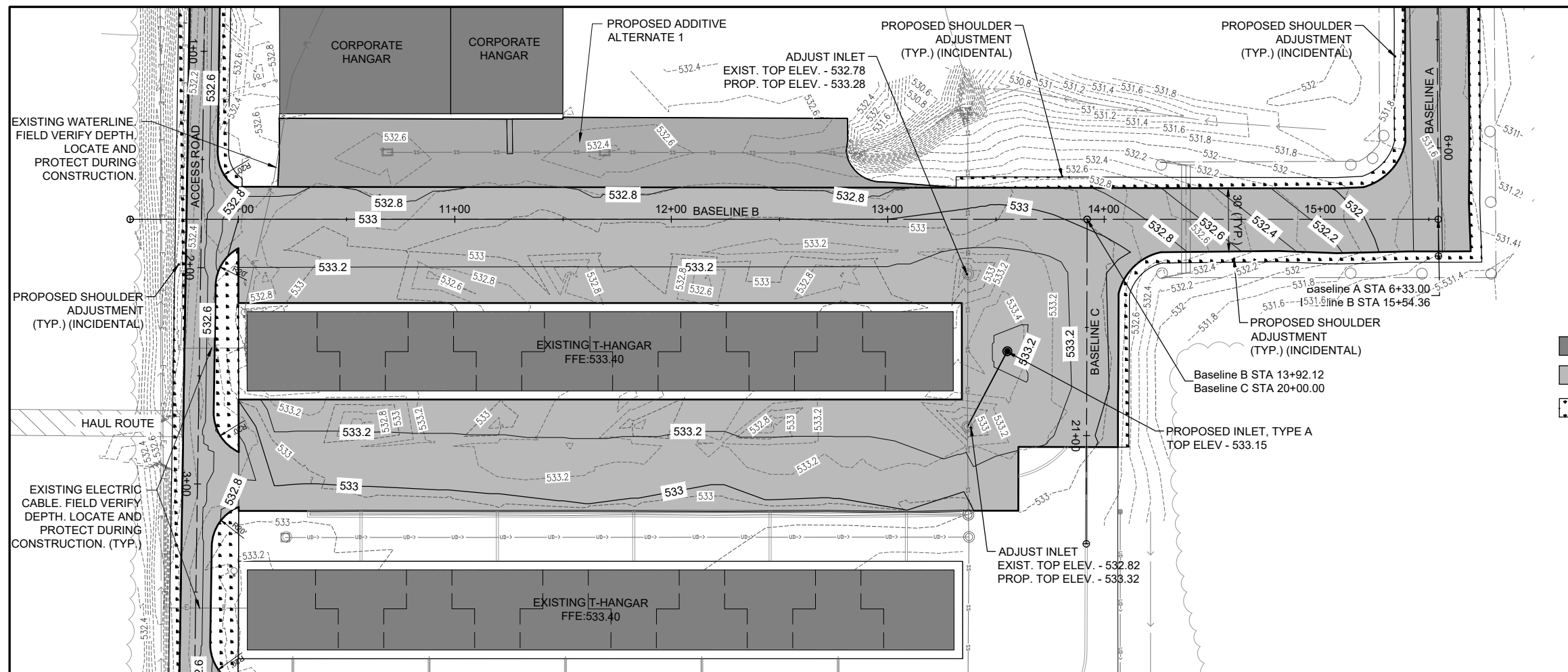
NOTE: CONNECTION IS INCIDENTAL TO PIPE.



INLET TYPE A
 (IDOT STANDARD 602301)
 NOT TO SCALE

NOTES:

1. SEE PROPOSED CONSTRUCTION PLAN - SHEET 9 FOR LOCATION, SIZE AND NUMBER OF PIPE CONNECTIONS.
2. INLETS TO BE PRECAST REINFORCED CONCRETE SECTIONS (T = 3").



- LEGEND**
- EXISTING AIRPORT BUILDINGS
 - PROPOSED IMPROVEMENTS
 - PROPOSED SHOULDER ADJUSTMENT/SEEDING/MULCHING

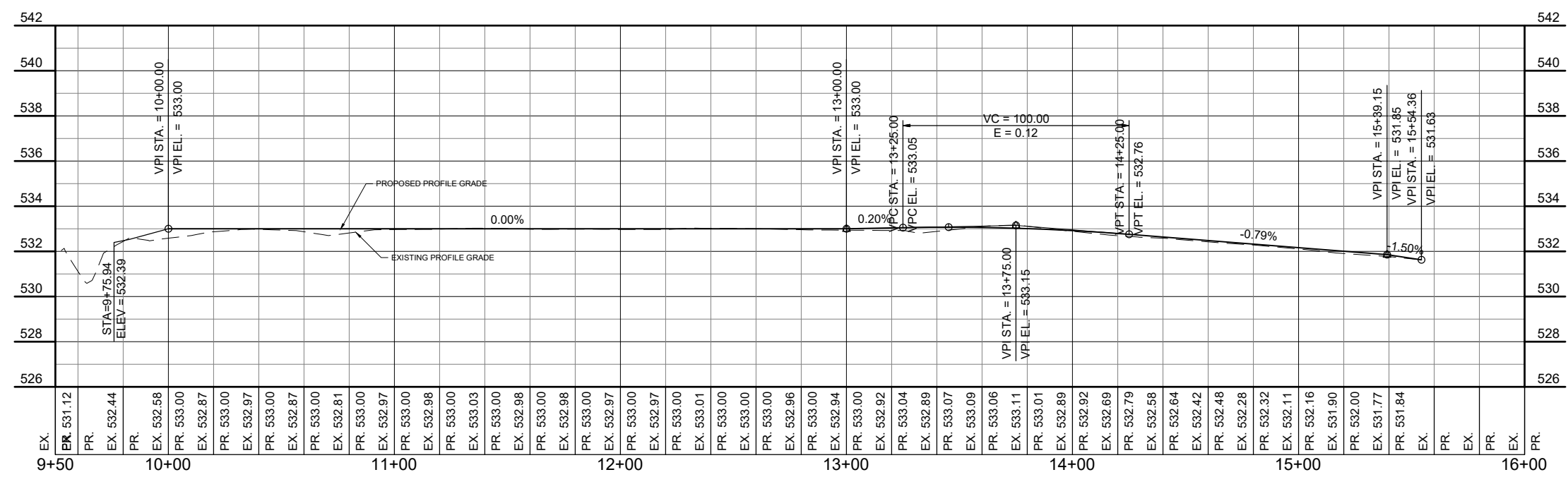
- NOTE:**
1. AREAS NOTED "SHOULDER ADJUSTMENT" SHALL RECEIVE SEEDING AND MULCHING AFTER AREA HAS BEEN GRADED.
 2. THE CONTRACTOR SHALL MAINTAIN PROPER SITE DRAINAGE CONDITIONS THROUGHOUT THE PROJECT.
 3. CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING AROUND EXISTING STORM SEWER.
 4. ANY AREAS DISTURBED BY THE CONTRACTOR OUTSIDE OF THE LIMITS SHOWN SHALL BE SEEDING AND MULCHED PER THE SPECIFICATIONS AS AN INCIDENTAL COST.



Jaycen R. Herndon
 DATE: 11/17/2023 LICENSE: 11/30/2025
 SIGNED: 11/17/2023 EXPIRES: 11/30/2025

**RECONSTRUCT
 AIRCRAFT T-HANGAR
 ACCESS PAVEMENTS**

IDA No: VLA-5044



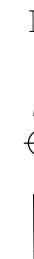
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023
 PROJECT NO: 22A0006D
 CAD FILE: C-701-PNP.DWG
 DESIGN BY: JRH 3/10/2023
 DRAWN BY: JRH 3/17/2023
 REVIEWED BY: BSS 4/21/2023

SHEET TITLE

**PROPOSED PLAN &
 PROFILE - BASELINE B**

FOR BID



LEGEND

- EXISTING AIRPORT BUILDINGS
- PROPOSED IMPROVEMENTS
- PROPOSED SHOULDER ADJUSTMENT/SEEDING/MULCHING

NOTE:

1. AREAS NOTED "SHOULDER ADJUSTMENT" SHALL RECEIVE SEEDING AND MULCHING AFTER AREA HAS BEEN GRADED.
2. THE CONTRACTOR SHALL MAINTAIN PROPER SITE DRAINAGE CONDITIONS THROUGHOUT THE PROJECT.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING AROUND EXISTING STORM SEWER.
4. ANY AREAS DISTURBED BY THE CONTRACTOR OUTSIDE OF THE LIMITS SHOWN SHALL BE SEEDED AND MULCHED PER THE SPECIFICATIONS AS AN INCIDENTAL COST.



Jaycen R. Herndon

DATE: 11/17/2023 LICENSE: 11/30/2025
 SIGNED: 11/17/2023 EXPIRES: 11/30/2025

**RECONSTRUCT
 AIRCRAFT T-HANGAR
 ACCESS PAVEMENTS**

IDA No: VLA-5044

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023
 PROJECT NO: 22A0006D
 CAD FILE: C-701-PNP.DWG
 DESIGN BY: JRH 3/10/2023
 DRAWN BY: JRH 3/17/2023
 REVIEWED BY: BSS 4/21/2023

SHEET TITLE

**PROPOSED PLAN &
 PROFILE - BASELINE C**

