

8A

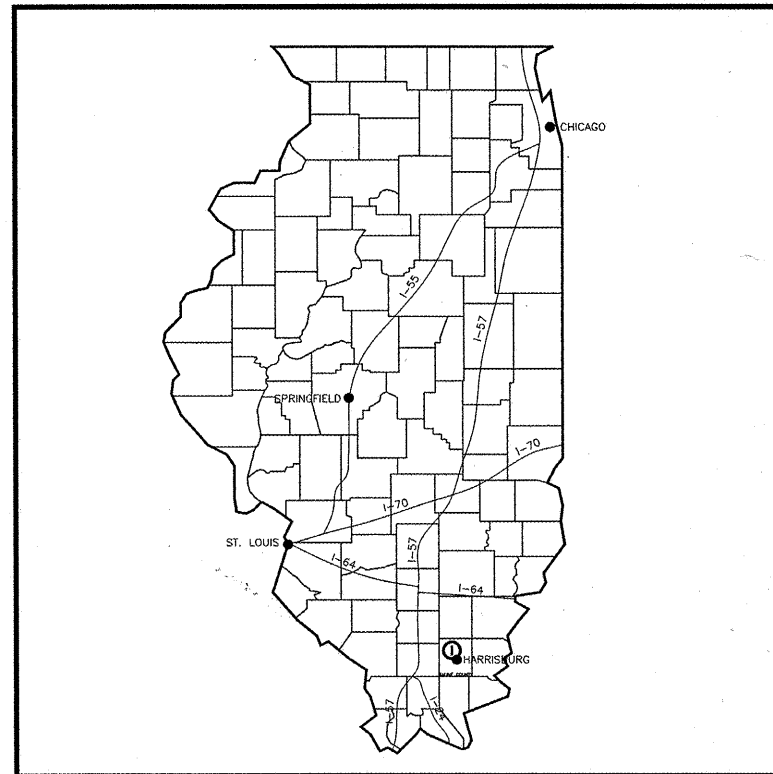
CONSTRUCTION PLANS

HA026
TOTAL SHEETS: 8

FOR

HARRISBURG RALEIGH AIRPORT

RECONSTRUCT T-HANGAR PAVEMENT

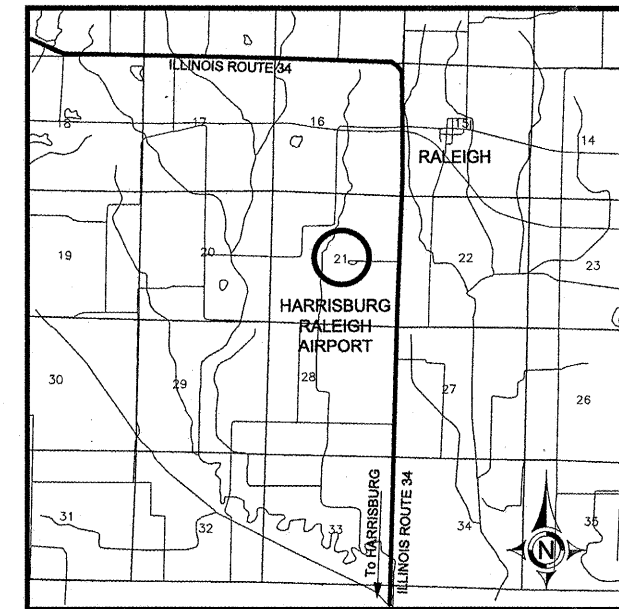
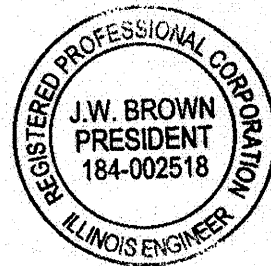


LOCATION MAP

ILLINOIS PROJECT NUMBER: HSB-3756
AIP PROJECT NUMBER: 3-17-0050-B10

HARRISBURG, ILLINOIS
SALINE COUNTY

DATE: JUNE 27, 2008



VICINITY MAP

BROWN AND ROBERTS, INC.
CONSULTING ENGINEER
PRESIDENT

SUBMITTED BY: *Jim W. Brown*
JIM W. BROWN, AS PRESIDENT

DATE SUBMITTED: JUNE 27, 2008

LICENSE NUMBER: 184-002518

LICENSE EXPIRATION DATE: APRIL 30, 2009

PLANS PREPARED BY:

BROWN AND ROBERTS, INC.
1 WESTRIDGE ROAD
HARRISBURG, IL. 62946
(618) 252-8111

HARRISBURG RALEIGH AIRPORT AUTHORITY

CHAIRMAN

APPROVED BY: *Brad Benschaw* JUNE 27, 2008
BRAD BENSCHAW DATE

SECRETARY

ATTESTED BY: *Ken Wallace* JUNE 27, 2008
KEN WALLACE DATE

SUMMARY OF QUANTITIES

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>
AR152411	UNCLASSIFIED EXCAVATION	L.S.	1
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	1,800
AR401610	BITUMINOUS SURFACE COURSE	TON	900
AR501506	6" PCC PAVEMENT	S.Y.	1,600
AR501900	REMOVE PCC PAVEMENT	S.Y.	275
AR602510	BITUMINOUS PRIME COAT	GAL	1,200
AR603510	BITUMINOUS TACK COAT	GAL	800
AR701312	12" RCP, CLASS II	L.F.	250
AR751411	INLET - TYPE A	EA.	4
AR901525	SEEDING	L.S.	1

INDEX TO SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	SUMMARY OF QUANTITIES
3	RUNWAY SAFETY PLAN
4	EXISTING SITE & CONSTRUCTION PLAN
5-7	T-HANGAR AREA PLAN VIEW
8	TYPICAL DETAILS AND CROSS SECTIONS

SCOPE OF WORK

THE PROJECT SCOPE CONSISTS OF THE RECONSTRUCTION OF THE T-HANGAR PAVEMENT, ASSOCIATED DRAINAGE AND OTHER NECESSARY AND RELATED WORK.

PROPOSED SAFETY PLAN

GENERAL- THE HARRISBURG-RALEIGH AIRPORT AUTHORITY CURRENTLY HAS A PAVED RUNWAY 6-24 WHICH IS 5013 FT. x 75 FT. AND A PAVED RUNWAY 14-32 WHICH IS 2820 FT. x 75 FT.

IT IS ANTICIPATED THAT NO CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT WILL IMPACT ANY AIRCRAFT OPERATIONS ON THE AIRPORT RUNWAYS.

CONTRACTOR'S RESPONSIBILITIES

IDENTIFICATION- THE CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL BE PROPERLY MARKED WITH 3-FOOT SQUARE INTERNATIONAL ORANGE AND WHITE CHECKERED FLAGS ANYTIME THEY ARE ON AIRPORT PROPERTY.

THE CONTRACTOR AND HIS EMPLOYEES SHALL BE RESTRICTED TO THE WORK AREA.

EQUIPMENT PARKING AND STORAGE- THE CONTRACTOR'S EQUIPMENT PARKING, STORAGE, AND EMPLOYEE PARKING WILL BE AT THE LOCATION SHOWN ON THIS SHEET. ONLY CONTRACTOR VEHICLES AND EQUIPMENT REQUIRED FOR CONSTRUCTION WILL BE ALLOWED OUTSIDE THIS AREA.

BARRICADES AND TRAFFIC CONES- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS REQUIRED AND AS DIRECTED BY THE RESIDENT ENGINEER. BARRICADES, THEIR MAINTENANCE, PLACEMENT, AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING PAVEMENTS CAUSED BY HIS PERSONNEL OR EQUIPMENT.

HAUL ROUTE AND EQUIPMENT PARKING

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND EQUIPMENT PARKING AREA SHOWN ON THIS SAFETY PLAN. THE PROPOSED EQUIPMENT PARKING AREA WILL BE APPROXIMATELY 100-FT BY 50-FT. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. AT THE CONCLUSION OF THE PROJECT, ALL AREAS DISTURBED WILL BE RESTORED AS NEEDED TO ITS ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND EQUIPMENT PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY NOTE

THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND ORGANIZATIONS THAT HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR SHALL CALL JULIE (1-800-892-0123) TO ACCOMPLISH THESE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL NON-JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UTILITIES ARE TO BE LOCATED PRIOR TO THE START OF CONSTRUCTION.

J.U.L.I.E. INFORMATION

COUNTY.....SALINE
CITY.....HARRISBURG (5 MI NORTH)
TOWNSHIP.....RALEIGH
SECTION NO.....21
NEAREST MAJOR ROAD INTERSECTION...ILLINOIS RT. 34 & AIRPORT DRIVE
AIRPORT ADDRESS...HARRISBURG-RALEIGH AIRPORT
PO BOX 33
HARRISBURG, IL 62946

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT IS 20 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI TRUCK WITH TRAILER IN THE UP POSITION.

AIRPORT SECURITY

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE PROPOSED HAUL ROUTE SHOWN ON THIS SAFETY PLAN IS THE ONLY ACCESS CONTRACTOR EQUIPMENT AND PERSONNEL WILL BE ALLOWED TO USE. THE CONTRACTOR SHALL PROVIDE BARRICADES AT THIS ACCESS AND ENSURE THE BARRICADES ARE IN PLACE AT THE END OF EACH WORKING DAY.

NO CONTRACTOR EQUIPMENT, VEHICLES OR PERSONNEL WILL BE PERMITTED WITHIN 200' OF THE CENTERLINE OF AN ACTIVE RUNWAY.

HARRISBURG-RALEIGH AIRPORT

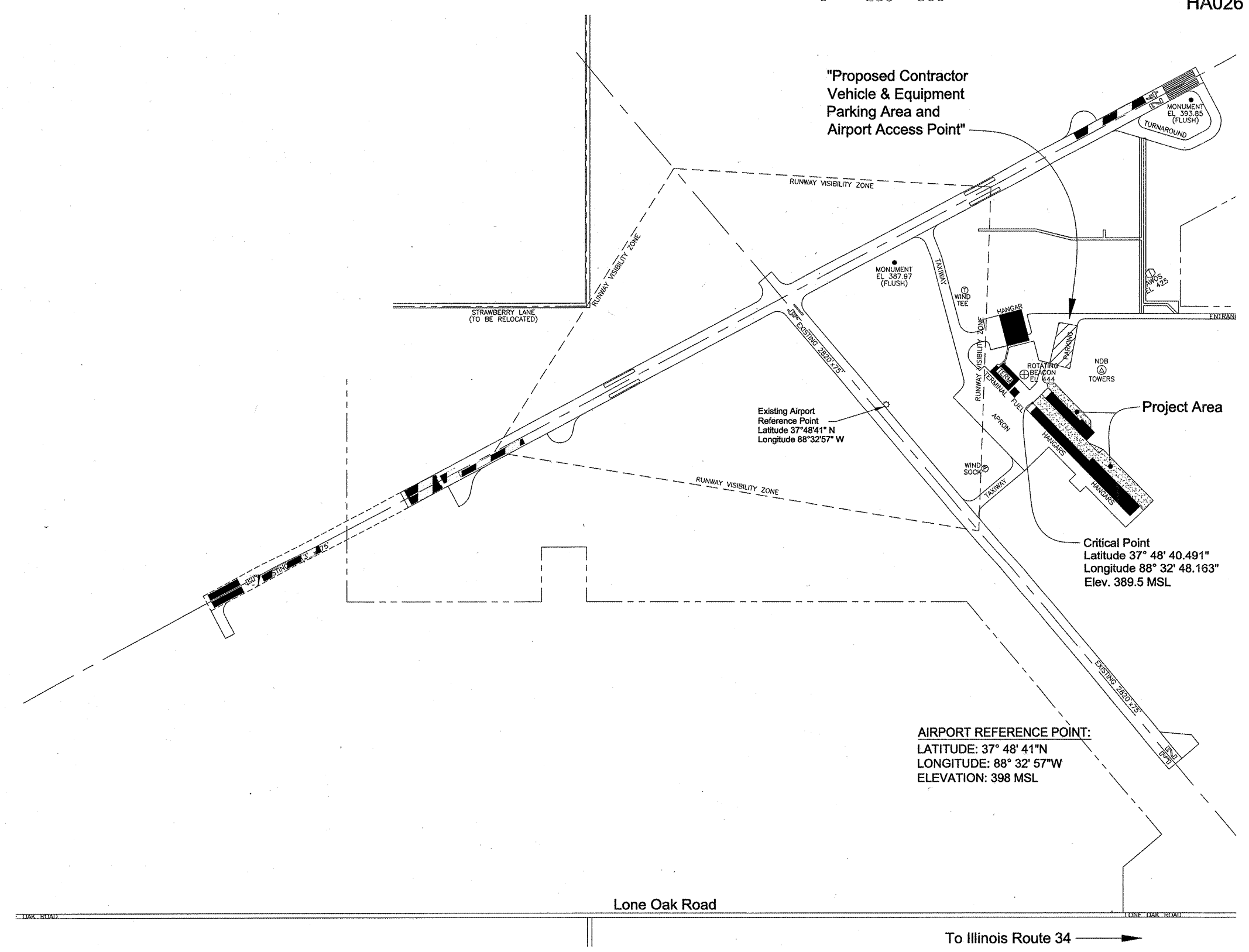
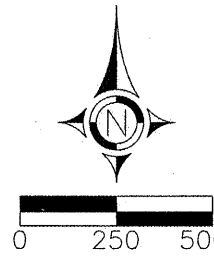
IL PROJECT NO. HSB-3756

AIP NO. 3-17-0050-B10

RUNWAY SAFETY PLAN

SHEET 3 OF 8

HA026



"Proposed Contractor Vehicle & Equipment Parking Area and Airport Access Point"

Existing Airport Reference Point
Latitude 37°48'41" N
Longitude 88°32'57" W

Critical Point
Latitude 37° 48' 40.491"
Longitude 88° 32' 48.163"
Elev. 389.5 MSL

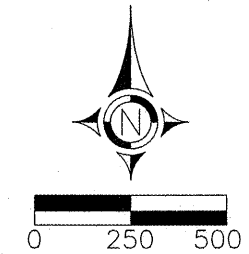
AIRPORT REFERENCE POINT:
LATITUDE: 37° 48' 41"N
LONGITUDE: 88° 32' 57"W
ELEVATION: 398 MSL

Lone Oak Road

To Illinois Route 34

NOTES: 1. THE PROJECT SCOPE CONSISTS OF OVERLAYING THE EXISTING RUNWAY 14/32, NEW MARKINGS AND OTHER NECESSARY AND RELATED WORK.

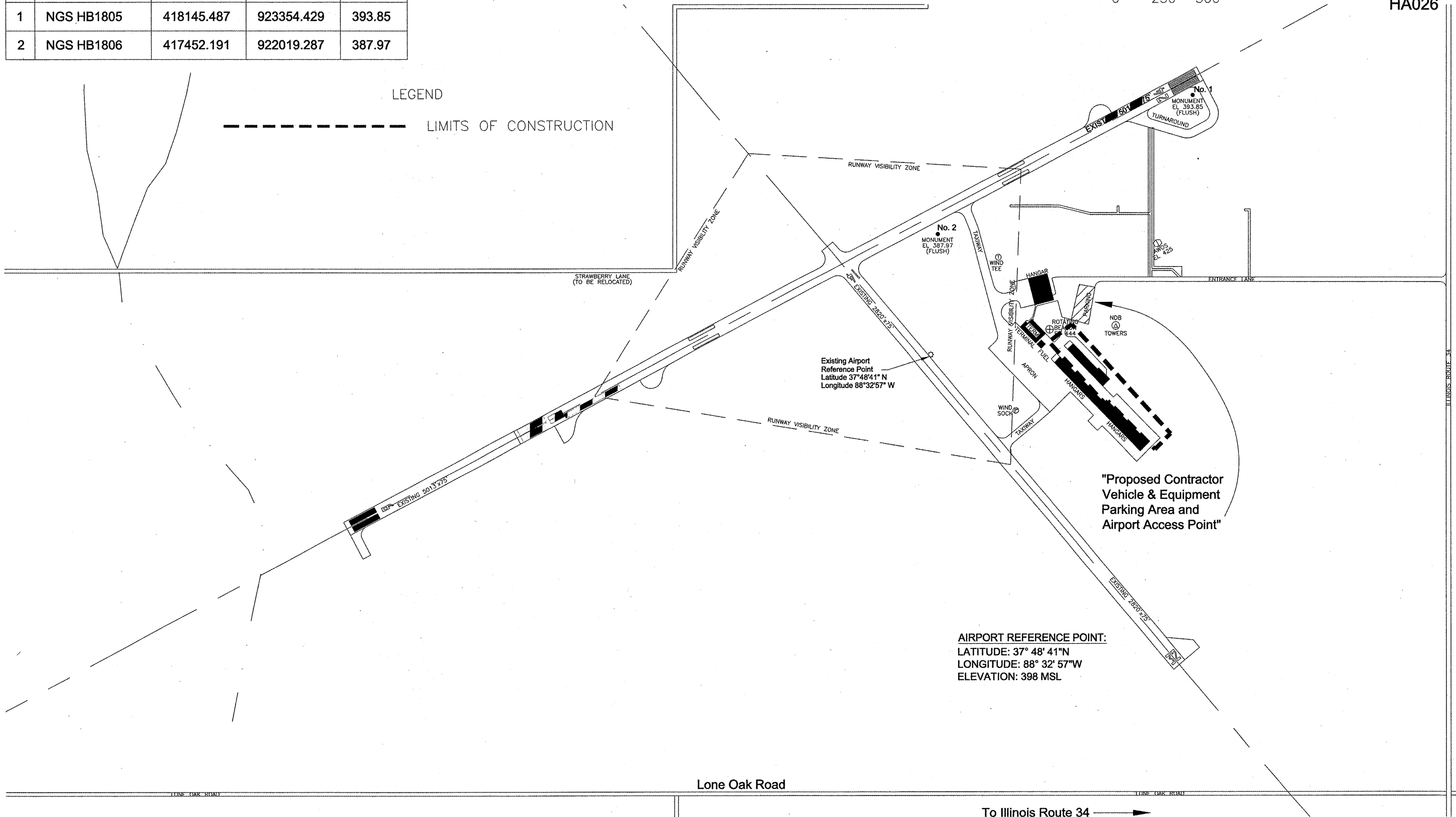
HARRISBURG-RALEIGH AIRPORT
 IL PROJECT NO. HSB-3756
 AIP NO. 3-17-0050-B10
 EXISTING SITE AND CONSTRUCTION PLAN
 SHEET 4 OF 8



COORDINATE DATA				
NO	DESCRIPTION	NORTHING	EASTING	ELEV.
1	NGS HB1805	418145.487	923354.429	393.85
2	NGS HB1806	417452.191	922019.287	387.97

LEGEND

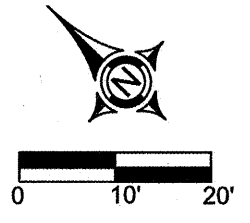
----- LIMITS OF CONSTRUCTION



AIRPORT REFERENCE POINT:
 LATITUDE: 37° 48' 41"N
 LONGITUDE: 88° 32' 57"W
 ELEVATION: 398 MSL

Lone Oak Road

To Illinois Route 34 →



LEGEND

- Bituminous Concrete Removal
- Concrete Removal
- Proposed PCC Concrete 6"
- Proposed Bituminous Concrete 4"
- Existing Spot Elevation
- Proposed Elevation
- Proposed Inlet
- Proposed Saw Joint
- Proposed Construction Joint

HA026

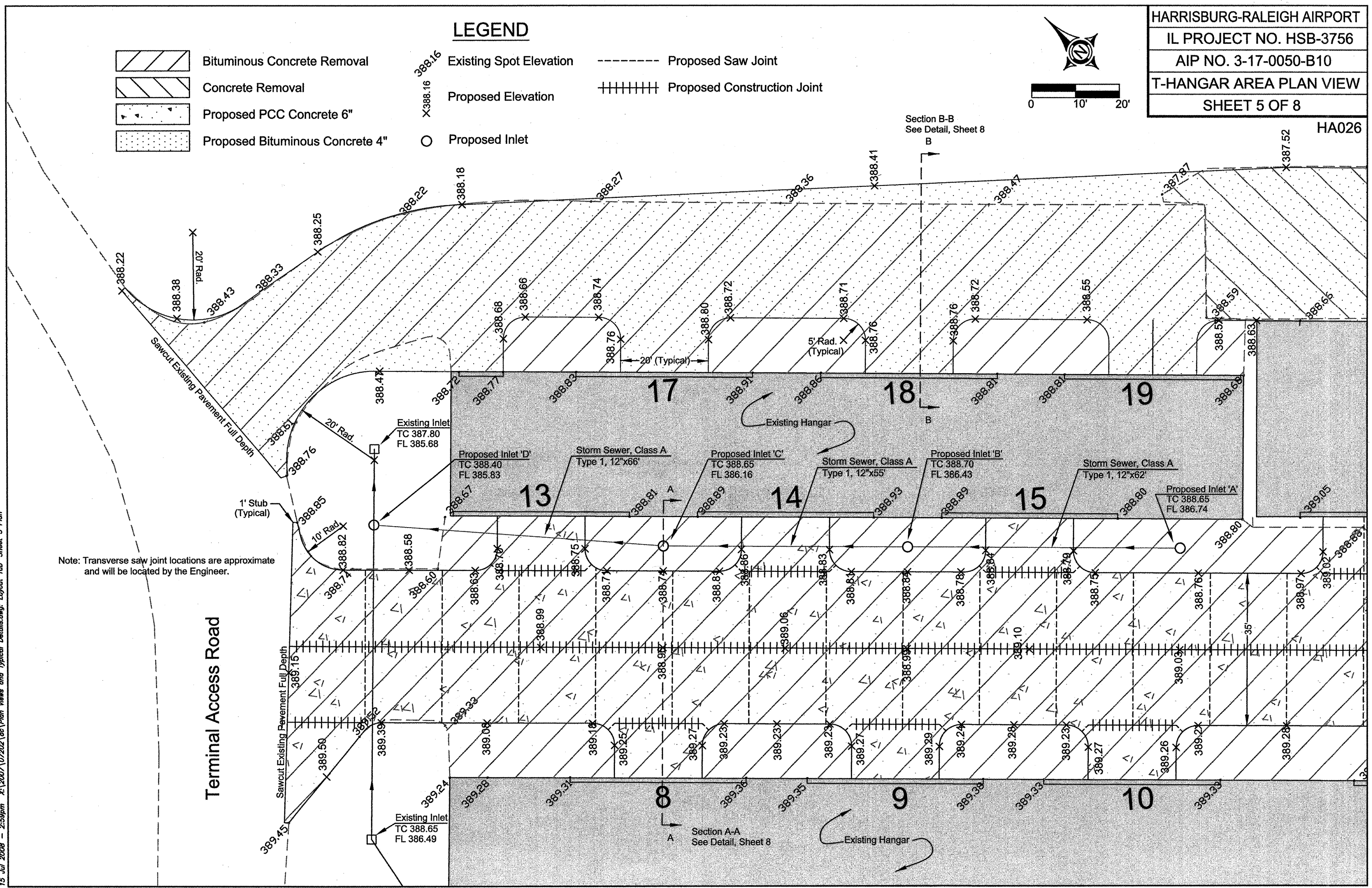
Section B-B
See Detail, Sheet 8

Section A-A
See Detail, Sheet 8

Note: Transverse saw joint locations are approximate and will be located by the Engineer.

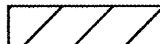

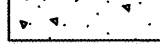
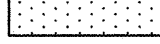



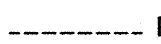
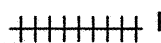
Terminal Access Road

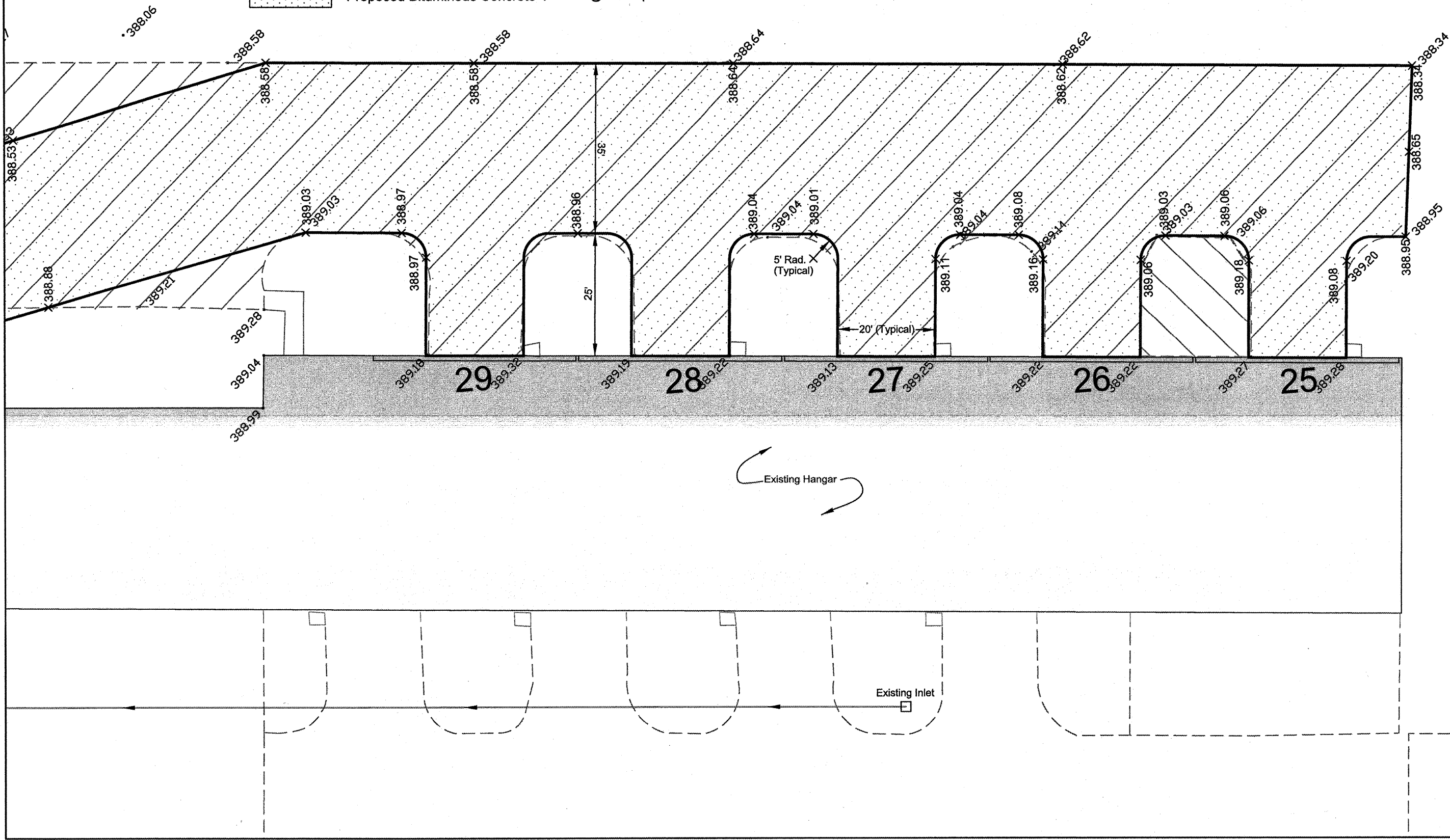
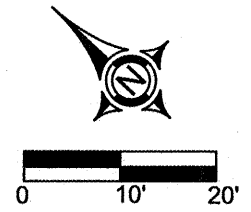
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HA026

LEGEND

-  Bituminous Concrete Removal
-  Concrete Removal
-  Proposed PCC Concrete 6"
-  Proposed Bituminous Concrete 4"
-  Existing Spot Elevation
-  Proposed Elevation
-  Proposed Inlet
-  Proposed Saw Joint
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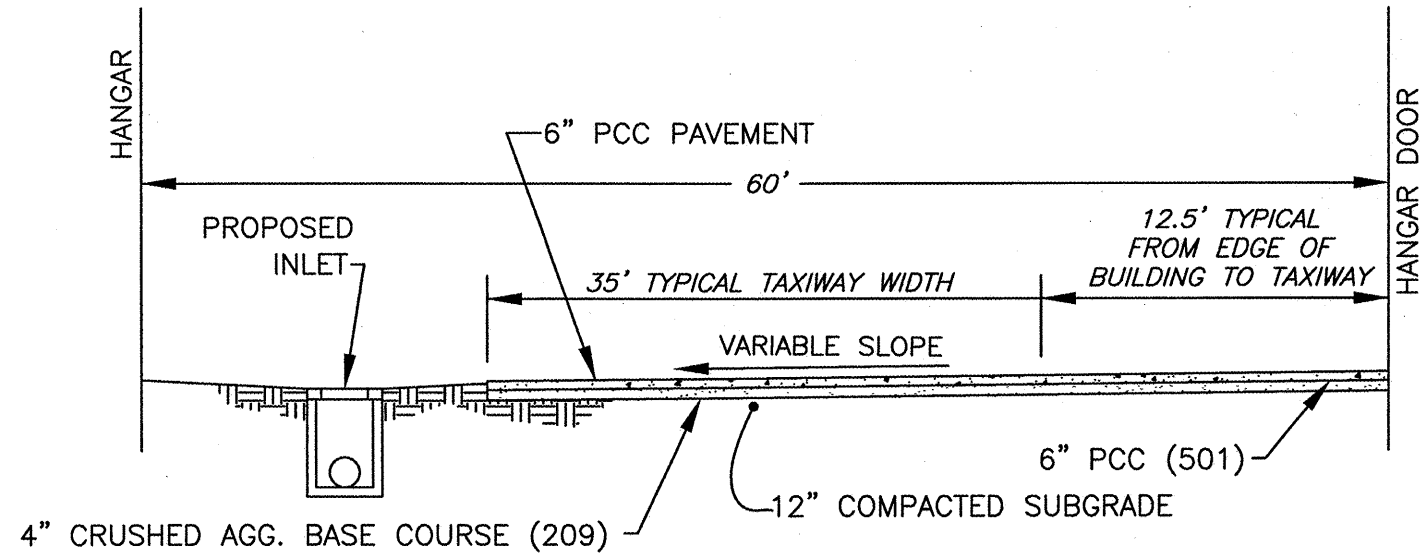
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GENERAL NOTES

1. CONCRETE TO BE FINISHED TO A BROOM FINISH.
2. PROPOSED CONCRETE SHALL BE TIED TO EXISTING CONCRETE PAVEMENT AND NEW CONCRETE POURS USING 30" #4 REBAR AT 18" CENTERS DRILLED AND EPOXY SEALED.
3. TACK COAT SHALL BE APPLIED IN ACCORDANCE WITH ITEM 603 AFTER THE FIRST LIFT OF BITUMINOUS SURFACE COURSE AND PRIOR TO THE APPLICATION OF THE SECOND LIFT.

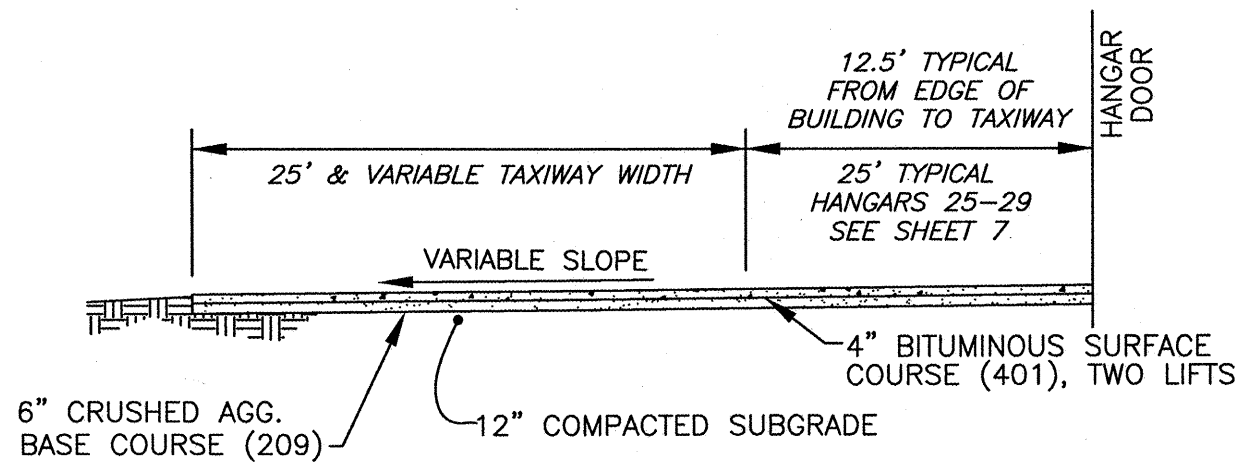
HARRISBURG-RALEIGH AIRPORT
IL PROJECT NO. HSB-3756
AIP NO. 3-17-0050-B10
TYPICAL DETAILS AND NOTES
SHEET 8 OF 8

HA026



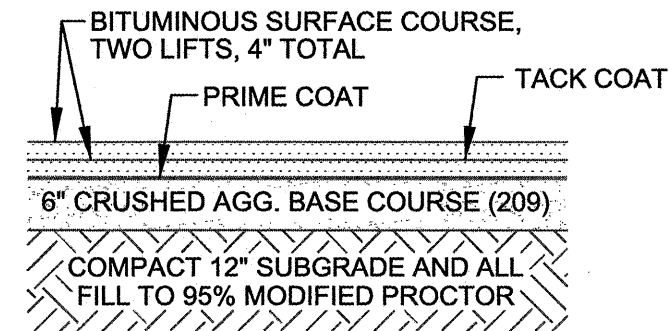
TAXIWAY CROSS SECTION A-A

NO SCALE

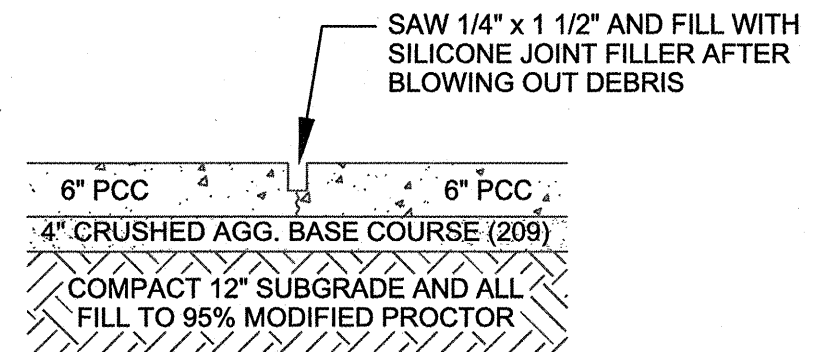


TAXIWAY CROSS SECTION B-B

NO SCALE



4" BITUMINOUS PAVEMENT



6" PCC PAVEMENT WITH SAW JOINT DETAIL

TYPICAL SECTIONS

NO SCALE