

SCOPE OF WORK

THIS PROJECT CONSISTS OF REHABILITATING THE APRON AND ADJOINING TAXIWAY. ASSOCIATED WORK INCLUDES MILLING, BITUMINOUS PAVING, MARKING, TIE-DOWN INSTALLATION, EARTH SHOULDER ADJUSTMENT AND SEEDING.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

UTILITY NOTE

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH 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 WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL UNDERGROUND NON-JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UNDERGROUND IMPROVEMENTS WILL BE LOCATED AT THE CONTRACTOR'S OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI TRUCK AND TRAILER.

HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL BE ALLOWED TO USE THE EXISTING AIRPORT ENTRANCE ROAD AND PARKING LOT AS HIS ACCESS TO THE AIRPORT SITE. THERE IS AN EXISTING ACCESS GATE ON THE SOUTH SIDE OF THE PARKING LOT THAT WILL BE USED TO ACCESS THE AIRFIELD. VEHICLES WILL TRAVERSE THROUGH THIS GATE, OVER THE T-HANGAR PAVEMENTS TO THE N-S TAXIWAY AND THUS TO THE AIRCRAFT PARKING APRON AND THE E-W TAXIWAY.

CONTRACTOR EMPLOYEES WILL BE ALLOWED TO USE THE EXISTING AIRPORT AUTO PARKING LOT FOR PARKING THEIR VEHICLES. THE CONTRACTOR WILL BE ALLOWED TO PARK HIS VEHICLES AND STORE HIS MATERIALS IN A 200'x200' AREA LOCATED SOUTH OF THE ENTRANCE ROAD AND EAST OF THE PARKING LOT. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL GRADE, DISK, FERTILIZE, SEED AND MULCH THE EQUIPMENT PARKING AREA AS NEEDED TO RESTORE IT TO ITS ORIGINAL STATE. A DAMAGE TO THE PAVEMENTS USED AS FOR THE HAUL ROUTE WILL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE RUNWAY CLOSURE.

NO TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT.

THE RUNWAY SHALL NOT BE CLOSED OVERNIGHT.

SCHEDULING OF OPERATIONS

DURING THE CONSTRUCTION DAY THE CONTRACTOR WILL SCHEDULE HIS OPERATIONS TO PROVIDE, AS MUCH AS POSSIBLE, AIRCRAFT ACCESS TO THE AIRCRAFT FUELING AREA. AT THE END OF THE CONSTRUCTION DAY SUFFICIENT AREA WILL BE BARRICADED FOR AIRCRAFT MOVEMENT ON THE APRON TO ALLOW ACCESS TO THE HANGAR AREA AND THE FUEL AREA. THESE AREAS WILL BE BROOM CLEANED. THE CONTRACTOR WILL PLACE THE BARRICADES AT THE DIRECTION OF THE RESIDENT ENGINEER.

150--ENGINEER'S FIELD OFFICE NOTES

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 168 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS:
AR150510 ENGINEER'S FIELD OFFICE ____ 1 L.S.

MP003

PROPOSED SAFETY PLAN

GENERAL -- THE METROPOLIS MUNICIPAL AIRPORT IS COMPRISED OF ONE RUNWAY. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING RUNWAY 18/36. ANY TIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE THE RUNWAY WILL BE CLOSED. THE RUNWAY WILL BE CLOSED ONLY DURING THE CONSTRUCTION DAY. AT THE END OF EACH CONSTRUCTION DAY THE CONTRACTOR WILL SMOOTH GRADE ALL AREAS WITHIN THE SAFETY AREA TO THE SATISFACTION OF THE RESIDENT ENGINEER AND RE-OPEN THE RUNWAY. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE RESIDENT ENGINEER. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND SECURED IN A MANNER APPROVED BY THE RESIDENT ENGINEER. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED. COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE RESIDENT ENGINEER. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND SECURED IN A MANNER APPROVED BY THE RESIDENT ENGINEER. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

IDENTIFICATION -- WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

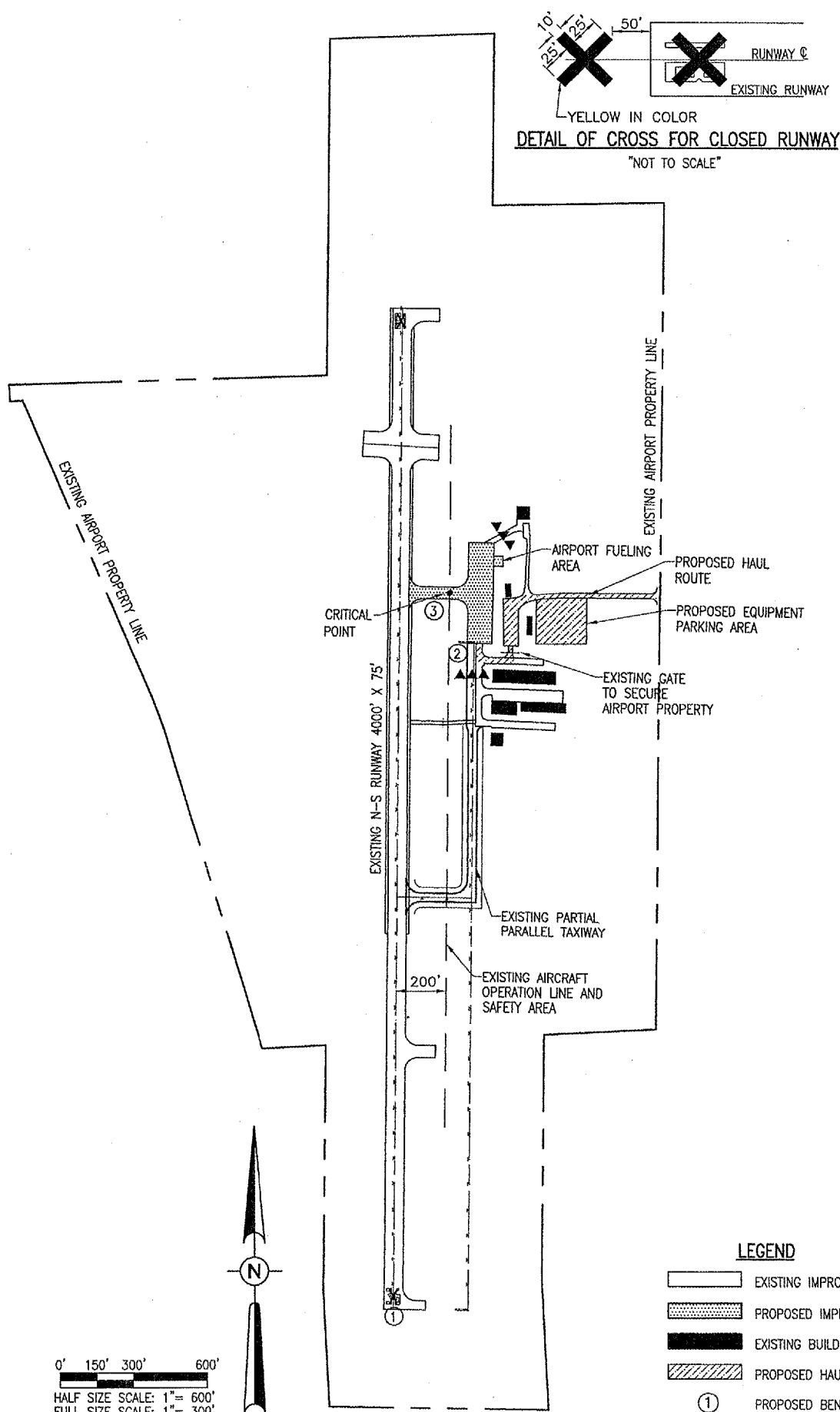
RADIO CONTROL -- THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.80 MHz) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE METROPOLIS MUNICIPAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE AIRPORT MANAGER AND THE RESIDENT ENGINEER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR RED STEADY-BURN LIGHTS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EROSION CONTROL

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND. NO STORMWATER POLLUTION PREVENTION PLAN IS REQUIRED.



NO.	DESCRIPTION	ELEV.
1	MAG NAIL W/WASHER END OF RWY 36	372.20
2	MAG NAIL W/WASHER TAXIWAY "A"	380.00
3	CHISELED "C" ON SOUTH END OF TAXI GUIDANCE SIGN 36-18	381.39

* OTHER BENCHMARKS AND CONTROL POINTS AVAILABLE FROM THIS OFFICE UPON REQUEST.

STATION/OFFSET	LATITUDE	LONGITUDE	ELEVATION
123+72.36/200' RT.	37° 11' 07.223"	88° 44' 59.746"	381.58

- LEGEND**
- EXISTING IMPROVEMENTS
 - PROPOSED IMPROVEMENTS
 - EXISTING BUILDINGS
 - PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
 - PROPOSED BENCHMARK
 - PROPOSED BARRICADES OR TRAFFIC CONES

J.U.L.I.E. INFORMATION
 COUNTY: MASSACHUSETTS
 CITY: METROPOLIS
 TOWNSHIP: 15S-R4E
 SECTION NO.: 27
 ADDRESS: METROPOLIS MUNICIPAL AIRPORT
 751 AIRPORT ROAD
 METROPOLIS, ILLINOIS 62960

**METROPOLIS MUNICIPAL AIRPORT
METROPOLIS, ILLINOIS**

PROJECT: M30-3540 A.I.P. PROJ.: 3-17-0067-87

ISS. Project No. 816-06APND
 Drawing: R-001SAF-DWG
 Scale: N/A
 Date: 09/26/05

LAYOUT	JEO	09/26/05
DRAWN	JEO	09/26/05
REVIEWED	CAH	12/12/05

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 Hanson Professional Services Inc.
 1525 S. Main Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

PROPOSED APRON REHABILITATION

PROPOSED SAFETY PLAN

3 of 25 sheets

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POROUS FRICTION COURSE NOTES

THE PROPOSED POROUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF 0.10 FOOT.

POROUS FRICTION COURSE SHALL BE PLACED ON A CLEAN AND PREPARED SURFACE ONLY AFTER THE APPROVAL OF THE RESIDENT ENGINEER.

POROUS FRICTION COURSE WILL BE CONSTRUCTED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM WILL BE PAID FOR UNDER ITEM:
AR "POROUS FRICTION COURSE, 0.10'" 5,514 SQ. YDS.

AR401--BITUMINOUS SURFACE COURSE NOTES

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401001 "BITUMINOUS SURFACE COURSE--METHOD 1" AS STATED ON PAGE 245 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING TWO LIFTS OF BITUMINOUS SURFACE COURSE (1-1/2 INCH DEPTH, AVERAGE OVERLAY OF 3") ON THE PROPOSED POROUS FRICTION COURSE FOR THE PROPOSED APRON RECONSTRUCTION.

THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE DESIGNED TO A MARSHALL DESIGN OF LESS THAN 60,000 POUNDS.

401-4.9 ADD THE FOLLOWING TO THIS SECTION:

ALL LANES OF THE BITUMINOUS SURFACE COURSE SHALL BE STARTED AT THE HIGH SIDE OF THE PAVEMENT WITH A TAUT STRINGLINE (GUIDE WIRE) SET TO GRADE AT BOTH SIDES OF THE PAVER. THE AUTOMATIC GRADE CONTROL SYSTEM OF THE PAVER SHALL BE USED TO CONTROL GRADE OF BOTH SIDES OF THE PAVER FROM THESE REFERENCE STRINGLINES. THE GRADE CONTROL FOR THE ADJACENT LANES OF PAVEMENT SHALL BE MAINTAINED BY USING A MATCHING SHOE WITH THE PREVIOUS LAID PAVEMENT AND A STRINGLINE ON THE OUTER EDGE OF THE NEXT LANE.

A STRINGLINE AND MATCHING SHOE SHALL BE USED TO PAVE ALL REMAINING LANES OF THE FIRST LIFT OF THE SURFACE COURSE. IF GRADE IS ESTABLISHED ON THE FIRST LIFT, THEN THE REMAINING LIFTS OF BITUMINOUS SURFACE COURSE SHALL BE LAID WITH A TRAVELING SKI ON BOTH SIDES OF THE PAVER FOR THE FIRST LANE AND A MATCHING SHOE AND TRAVELING SKI ON ADJACENT LANES. IF GRADE IS NOT ESTABLISHED ON THE FIRST LIFT, THE RESIDENT ENGINEER SHALL REQUIRE TAUT STRINGLINE REFERENCES UNTIL SATISFACTORY GRADE IS ESTABLISHED.

WHEN HAND SPREADING IS PERMITTED, THE MIXTURE WILL BE DISTRIBUTED AND SPREAD USING HAND TOOLS. WHEN THE WORK IS COMPLETED, THE LAYER WILL HAVE THE REQUIRED THICKNESS AND CONFORM TO THE GRADE AND SURFACE CONTOUR SHOWN ON THE PLANS.

401-4.12 SHAPING EDGES. ADD THE FOLLOWING TO THIS PARAGRAPH:

ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY THE TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE SAWING METHOD IS USED.

603--BITUMINOUS TACK COAT NOTES:

THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 62 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE EXISTING AND THE PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS SURFACE COURSE.

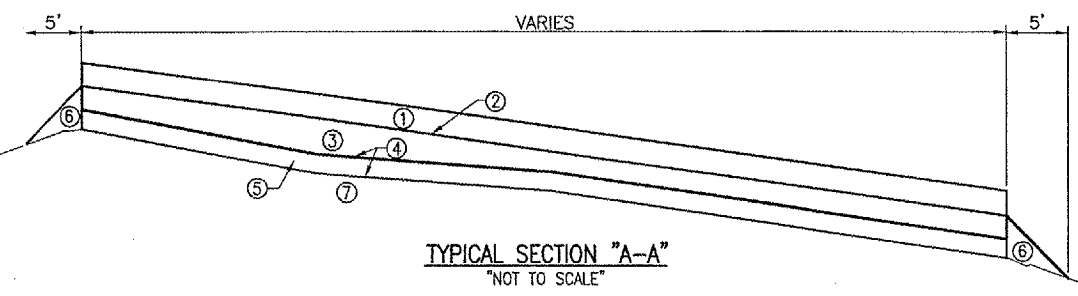
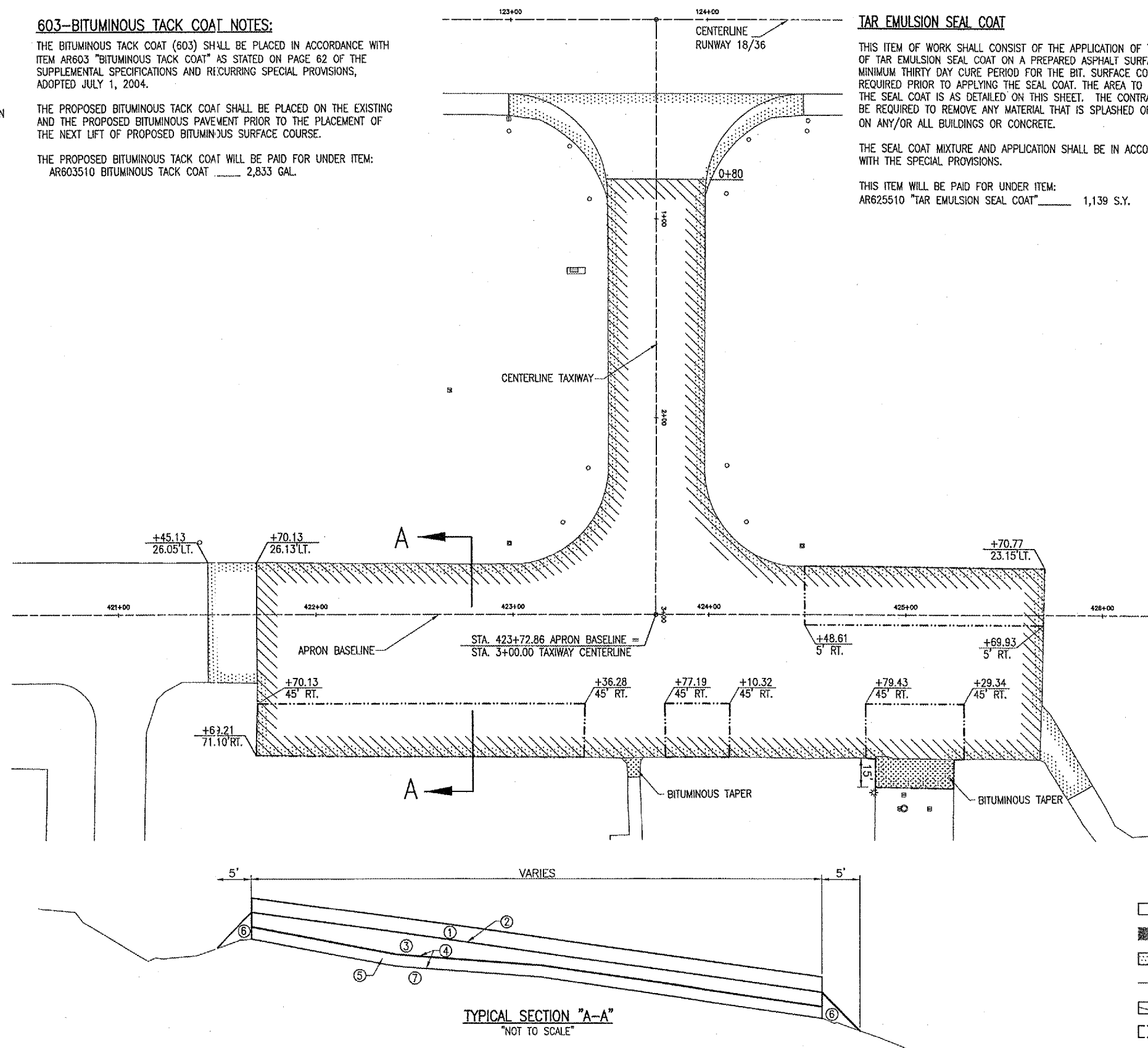
THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:
AR603510 BITUMINOUS TACK COAT 2,833 GAL.

TAR EMULSION SEAL COAT

THIS ITEM OF WORK SHALL CONSIST OF THE APPLICATION OF TWO COATS OF TAR EMULSION SEAL COAT ON A PREPARED ASPHALT SURFACE. A MINIMUM THIRTY DAY CURE PERIOD FOR THE BIT. SURFACE COURSE IS REQUIRED PRIOR TO APPLYING THE SEAL COAT. THE AREA TO RECEIVE THE SEAL COAT IS AS DETAILED ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO REMOVE ANY MATERIAL THAT IS SPLASHED OR SPRAYED ON ANY/OR ALL BUILDINGS OR CONCRETE.

THE SEAL COAT MIXTURE AND APPLICATION SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

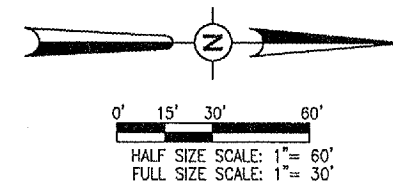
THIS ITEM WILL BE PAID FOR UNDER ITEM:
AR625510 "TAR EMULSION SEAL COAT" 1,139 S.Y.



LEGEND FOR TYPICAL SECTION "A-A"

- ① 401 - BITUMINOUS SURFACE COURSE (1-1/2" DEPTH)
- ② 603 - BITUMINOUS TACK COAT (0.15 GAL./S.Y.)
- ③ 401 - BITUMINOUS SURFACE COURSE (VAR. DEPTH)
- ④ 603 - BITUMINOUS TACK COAT (0.25 GAL./S.Y.)
- ⑤ 402 - BITUMINOUS POROUS FRICTION COURSE (0.10')
- ⑥ TOPSOILING (FROM OFF SITE)
- ⑦ EXISTING PAVEMENT

- LEGEND**
- [Solid Line] EXISTING IMPROVEMENTS
 - [Hatched Box] EXISTING BUILDINGS
 - [Dotted Box] PROPOSED IMPROVEMENTS
 - [Line with X] EXISTING FENCE
 - [Diagonal Lines] PROPOSED PFC AREA
 - [Dashed Box] TAR EMULSION SEAL COAT



PAVING QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR401610	BITUMINOUS SURFACE COURSE	TON	1,079
AR402622	POROUS FRICTION COURSE, 0.10'	S.Y.	5,514
AR603510	BITUMINOUS TACK COAT	GAL.	2,833
AR625510	TAR EMULSION SEAL COAT	S.Y.	1,139

BY: _____

REVISION: _____

DATE: _____

**METROPOLIS MUNICIPAL AIRPORT
METROPOLIS, ILLINOIS**

ILL. PROJ. NO. 818-06APND
R-121CON.DWG
Scale: N/A
Date: 09/26/05

LAYOUT: JEO 09/26/05
DRAWN: JEO 09/26/05
REVIEWED: CAH 12/12/05

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1525 South State Street
Springfield, Illinois 62703-2886
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**PROPOSED APRON
REHABILITATION**

**PROPOSED
CONSTRUCTION
PLAN**

4

- 4 of 25 sheets

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PAVEMENT SAWING NOTES

THE PROPOSED SAWING WILL PROVIDE A STRAIGHT PAVEMENT EDGE TO BUTT AGAINST.
 THE RESIDENT ENGINEER WILL MARK THE PROPOSED SAW LINE IN THE FIELD.
 ANY BITUMINOUS PAVEMENT CUT FROM THE SAWING OPERATIONS WILL BE COLLECTED AND DISPOSED OFF THE AIRPORT SITE.
 THE SAWING AND DISPOSAL OF ANY WASTE MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED

SIDEWALK REMOVAL

THE EXISTING CONCRETE SIDEWALK REMOVAL AT THE TERMINAL BUILDING GATE WILL BE REMOVED FROM APRON EDGE TO THE NEAREST JOINT PAST GATE OR SAWED 2' BEYOND GATE.

THE REMOVED SIDEWALK MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT PROPER.

68 SQ. YDS. AR905520 "TOPSOILING (FROM OFF SITE) WAS INCLUDED TO FILL VOID LEFT FROM SIDEWALK REMOVAL.

THE REMOVAL OF CONCRETE SIDEWALK WILL BE PAID FOR UNDER ITEM:
 AR501690 "PCC SIDEWALK REMOVAL" _____ 612 SQ. FT.

BITUMINOUS PAVEMENT MILLING NOTES

THE AREA DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL BE CUT OR TRIMMED AS SHOWN ON THE CROSS-SECTIONS. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO-MILLING. THE PAVEMENT SURFACE WILL BE MILLED TO A DEPTH OF 0.12 FT AT THE BUTT END AND WILL TAPER TO 0 IN. AT THE OPPOSITE END.

THE EXISTING PAVEMENT WILL BE SAWED IF A TRUE VERTICAL EDGE CAN NOT BE ATTAINED. SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT MILLING AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

A PORTION OF THE MILLED MATERIAL WILL BE UTILIZED TO FILL THE AREA OF PAVEMENT REPLACEMENT AS INDICATED ON THIS SHEET. ALL EXCESS MILLED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

PRIOR TO APPLYING THE BITUMINOUS OVERLAY ALL MILLED MATERIAL WILL BE BROOMED AND BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED. THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINTED WITH A LIQUID ASPHALT.

ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THE BITUMINOUS PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM:
 AR401655 "BUTT JOINT CONSTRUCTION" _____ 495 SQ. YDS.

PAVEMENT REMOVAL NOTES

A PORTION OF THE EXISTING BITUMINOUS PAVEMENT EXTENDS APPROX. 5' BEYOND THE EDGE OF THE APRON. THE PAVEMENT WILL BE SAW CUT (FULL DEPTH) TO ALIGN WITH THE APRON EDGE. THE AREA DESIGNATED AS [Cross-hatched Pattern] IS THE AREA OF EXISTING BITUMINOUS PAVEMENT REMOVAL.

THE BITUMINOUS PAVEMENT AND ANY AGGREGATE BASE COURSE MATERIAL WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE AT THE CONTRACTOR'S OWN EXPENSE.

THE HOLE CREATED BY THE PROPOSED PAVEMENT REMOVAL WILL BE FILLED IN WITH TOPSOIL MATERIAL FURNISHED BY THE CONTRACTOR FROM OFF THE AIRPORT SITE. THE TOPSOIL MATERIAL WILL MEET THE REQUIREMENTS OF ITEM 905. THE TOPSOIL MATERIAL WILL REQUIRE ONLY LIGHT ROLLING AND GRADING.

THIS AREA WILL BE SEEDED AND COVERED WITH EXCELSIOR BLANKET IN ACCORDANCE WITH ITEMS 901 AND 908.

ANY ADJACENT PAVEMENT DAMAGED BY THE PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

THE PROPOSED TOPSOIL MATERIAL WILL BE CONSIDERED AS INCIDENTAL TO ITEM 401900 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE PROPOSED SEEDING AND EXCELSIOR BLANKET WILL BE PAID FOR UNDER THEIR RESPECTIVE PAY ITEMS.

THE BITUMINOUS PAVEMENT REMOVAL WILL BE PAID FOR UNDER ITEM:
 AR401900 "REMOVE BITUMINOUS PAVEMENT" _____ 16 SQ. YDS.

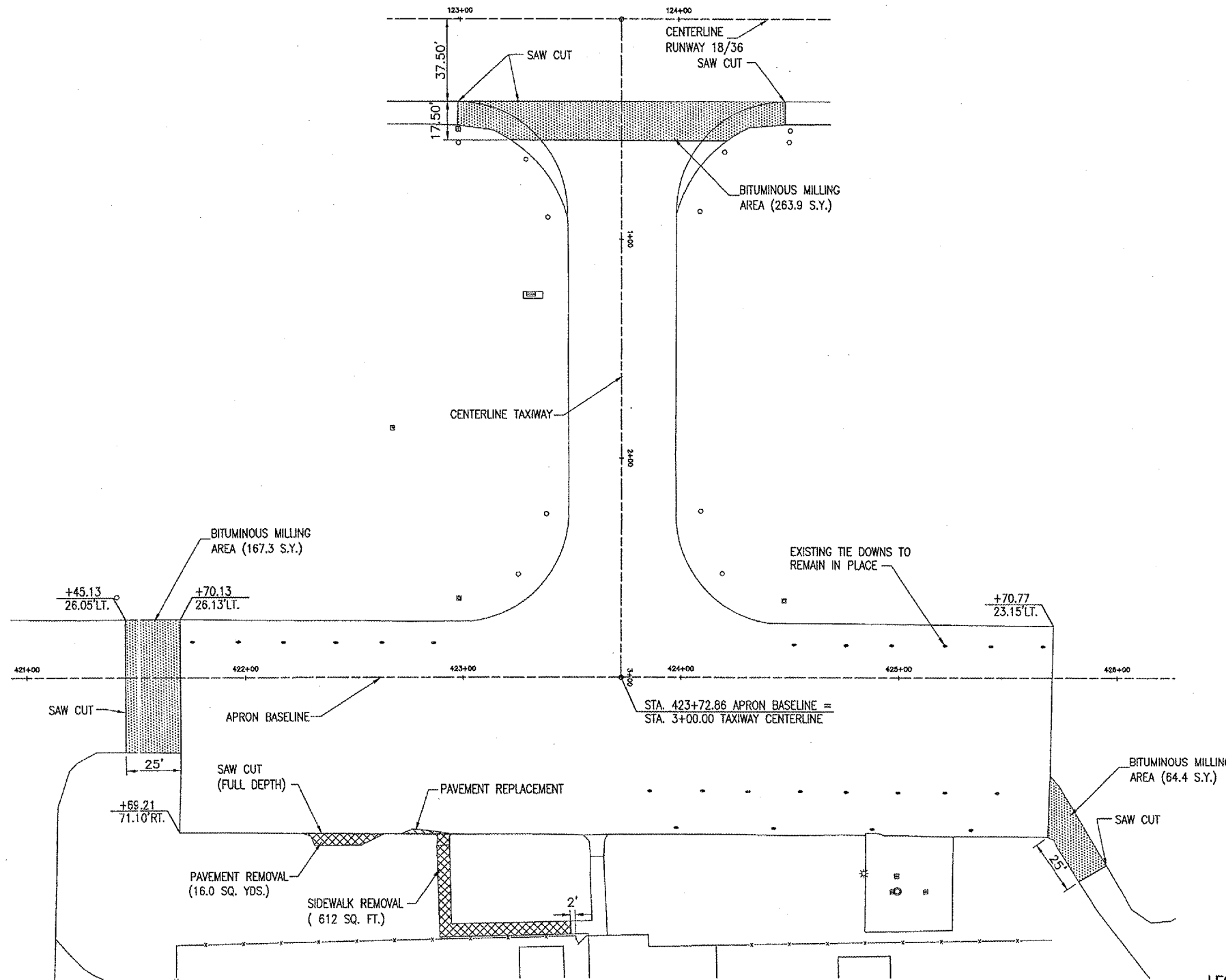
EXISTING TIE DOWN NOTES

THE CONTRACTOR WILL CLEANOUT THE EXISTING TIE-DOWN MOORING EYES AND FILL WITH BITUMINOUS FRICTION COURSE. THIS WORK IS INCLUDED AS PART OF PAY ITEM AR402522 "POROUS FRICTION COURSE, 0.10"

PAVEMENT REPLACEMENT NOTES

EXISTING EARTH MATERIAL INDICATED ON THIS SHEET AS [Diagonal Hatched Pattern] WILL BE CORED OUT TO A MINIMUM DEPTH OF 8" BELOW EXISTING PAVEMENT GRADE. THIS AREA WILL BE REPLACED WITH TWO LIFTS OF MILLED MATERIAL COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE EXCAVATED EARTH MATERIALS MAY UTILIZED AS BACKFILL MATERIAL.

THE BITUMINOUS PAVEMENT REPLACEMENT IS INCLUDED AS PART OF THE PROPOSED BUTT JOINT CONSTRUCTION.



LEGEND

- [Solid Line] EXISTING IMPROVEMENTS
- [Hatched Pattern] EXISTING BUILDINGS
- [Dotted Pattern] PROPOSED MILLING
- [Line with 'x'] EXISTING FENCE
- [Diagonal Hatched Pattern] PROPOSED REMOVE & REPLACE BITUMINOUS PAVEMENT

North arrow pointing up.

Scale: 0' 15' 30' 60'

HALF SIZE SCALE: 1" = 60'

FULL SIZE SCALE: 1" = 30'

MP003

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

ILL. PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-B7

HEB Project No. 816-06APND	DESIGNED BY JEO	DATE 09/26/05
ENGINEER R-111PRP.DWG	DRAWN BY JEO	DATE 09/26/05
SCALE N/A	REVIEWED BY CAH	DATE 12/12/05
DATE 09/26/05		

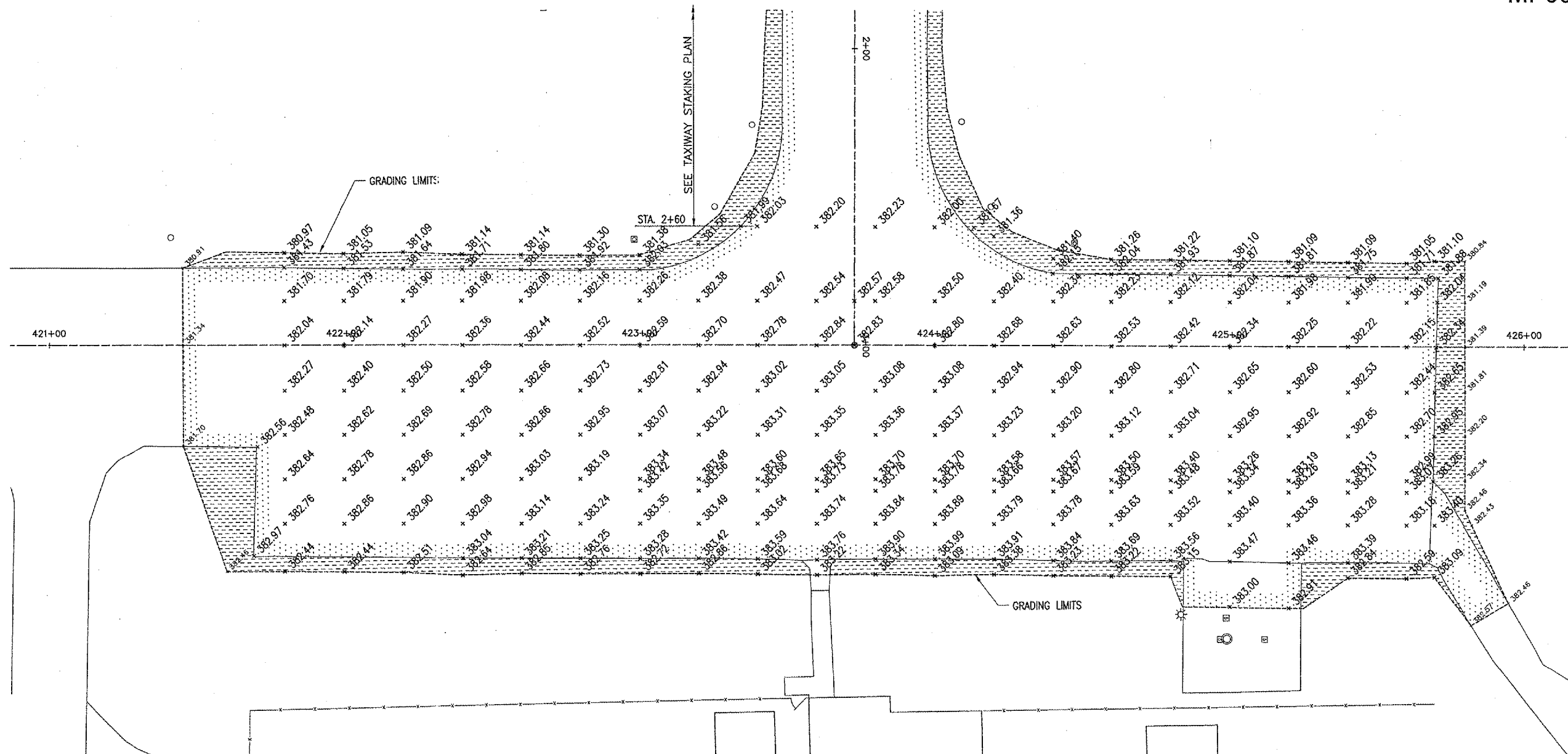
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 Springfield, Illinois 62703-2886
 Offices Nationwide

**PROPOSED APRON
 REHABILITATION**

**PROPOSED PAVEMENT
 PREPARATION
 PLAN**

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901 SEEDING NOTES

THE PROPOSED SEEDING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ITEM 901 "SEEDING" AS STATED ON PAGE 120 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

ALL DISTURBED AREAS LOCATED WITHIN THE PROPOSED GRADING AND SEEDING LIMITS WILL BE SEEDD IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDD BUT AT THE CONTRACTOR'S OWN EXPENSE.

ALL MATERIALS AND/OR DEBRIS RESULTING FROM THE SEEDING OPERATIONS WILL BE REMOVED FROM THE PAVEMENTS AND MISCELLANEOUS STRUCTURES PRIOR TO OPENING THE RUNWAY.

901-3.4 MAINTENANCE OF SEEDD AREAS. DELETE THE SECOND PARAGRAPH OF THIS SECTION AND ADD THE FOLLOWING:

"THE CONTRACTOR WILL BE REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE RESIDENT ENGINEER. IF AT THE TIME WHEN THE CONTRACT HAS BEEN OTHERWISE COMPLETED, IT IS NOT POSSIBLE TO MAKE AN ADEQUATE DETERMINATION OF COLOR, DENSITY, AND UNIFORMITY OF SUCH STAND OF GRASS, THE ITEM OF WORK WILL BE REVIEWED AT A LATER DATE DETERMINED BY THE ILLINOIS DIVISION OF AERONAUTICS."

DATE SEEDING COMPLETED _____

THE PROPOSED SEEDING WILL BE PAID FOR UNDER ITEMS: AR901510 SEEDING _____ (0.20 ACRES

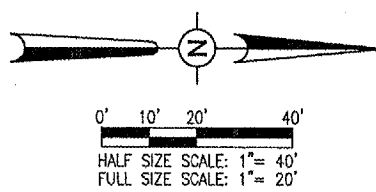
EXCELSIOR BLANKET NOTES

AN EROSION CONTROL MATERIAL (EXCELSIOR BLANKET) WILL BE INSTALLED AT ALL LOCATIONS OF TOPSOILING AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM AR908520 "EXCELSIOR BLANKET" _____ 834 S.Y.

SEEDING QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR901510	SEEDING	ACRE	0.20
AR908520	EXCELSIOR BLANKET	SY	834

- LEGEND**
- EXISTING IMPROVEMENTS
 - EXISTING BUILDINGS
 - PROPOSED IMPROVEMENTS
 - EXISTING FENCE
 - PROPOSED PFC AREA
 - TAR EMULSION SEAL COAT
 - EXCELSIOR BLANKET



JAN 18, 2006 3:29 PM BKB I:\AIRPORT\METROPOLIS\B16-06APN\AIRPORT\ SHEETS\R-190STAK.DWG - APRON

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
METROPOLIS, ILLINOIS**

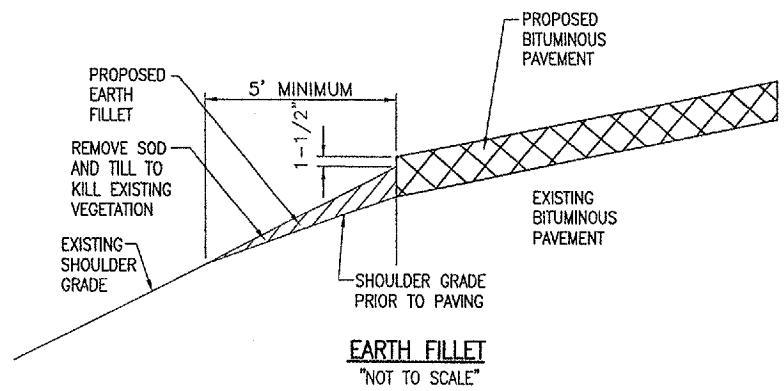
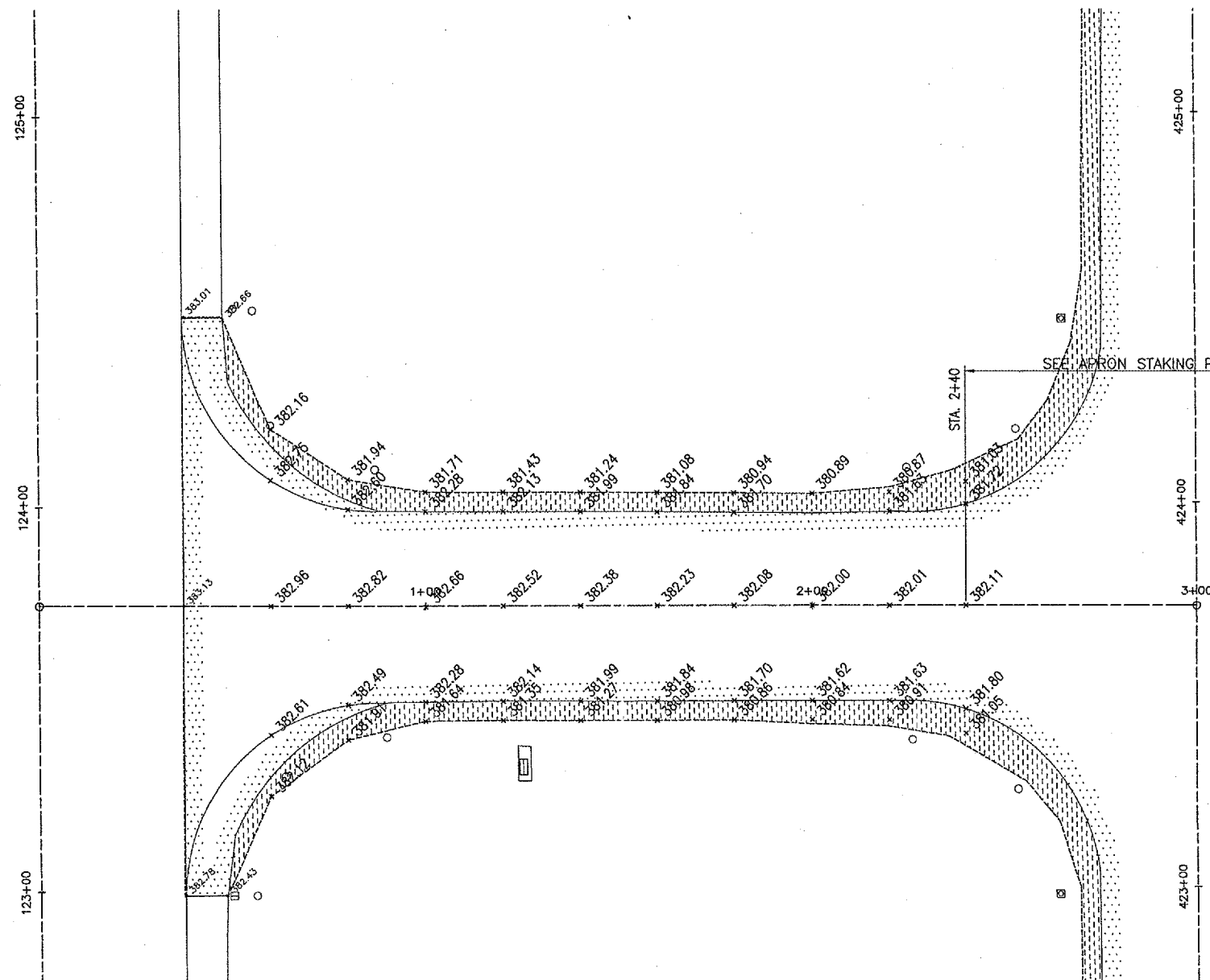
ILL. PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-87

Proj. No.	816-06APND
Revision	R-190STAK.DWG
Scale	N/A
Date	09/26/05
LAYOUT	JEO 05/26/05
DRAWN	JEO 05/26/05
REVIEWED	CAH 12/12/05



PROPOSED APRON REHABILITATION

PROPOSED APRON STAKING PLAN



EARTH FILLETS

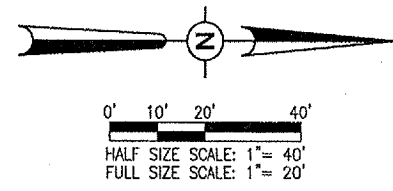
EARTH FILLETS WILL BE CONSTRUCTED ADJACENT TO ALL PAVEMENT OVERLAY AREAS. THE EARTH FILLETS ARE SHOWN ON THE CROSS-SECTIONS AND THE STAKING PLAN SHEETS AS THE PROPOSED GRADING, SEEDING AND EXCELSIOR BLANKET LIMITS. A 1-1/2 INCH DROP SHALL BE MAINTAINED FROM THE PAVEMENT EDGE TO THE EARTH SHOULDER. THE EARTH FILLETS WILL NOT REQUIRE COMPACTING OR GRADING, OTHER THAN LIGHT ROLLING AND SHAPING. THE TOPSOIL MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE OBTAINED FROM OFF-SITE.

THE TOPSOIL SHALL BE TESTED FOR pH AND GRADATION PRIOR TO DELIVERY AND SHALL HAVE A pH RANGE OF APPROX. 5.5 pH TO 7.6 pH. TEST RESULTS WILL MEET THE SATISFACTION OF THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THE TOPSOIL MATERIAL.

THE MATERIAL FOR THE PROPOSED EARTH FILLETS WILL BE PAID FOR UNDER:
 ITEM AR905530 "TOPSOILING" _____ 902 S.Y.

LEGEND

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED IMPROVEMENTS
- EXISTING FENCE
- PROPOSED PFC AREA
- TAR EMULSION SEAL COAT
- EXCELSIOR BLANKET



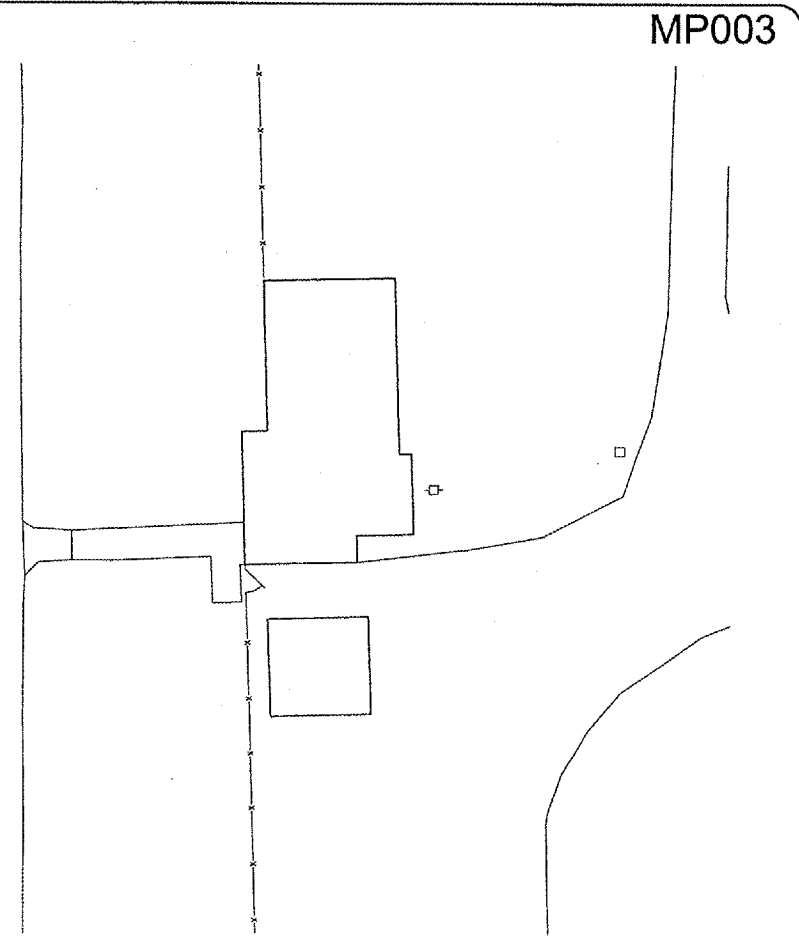
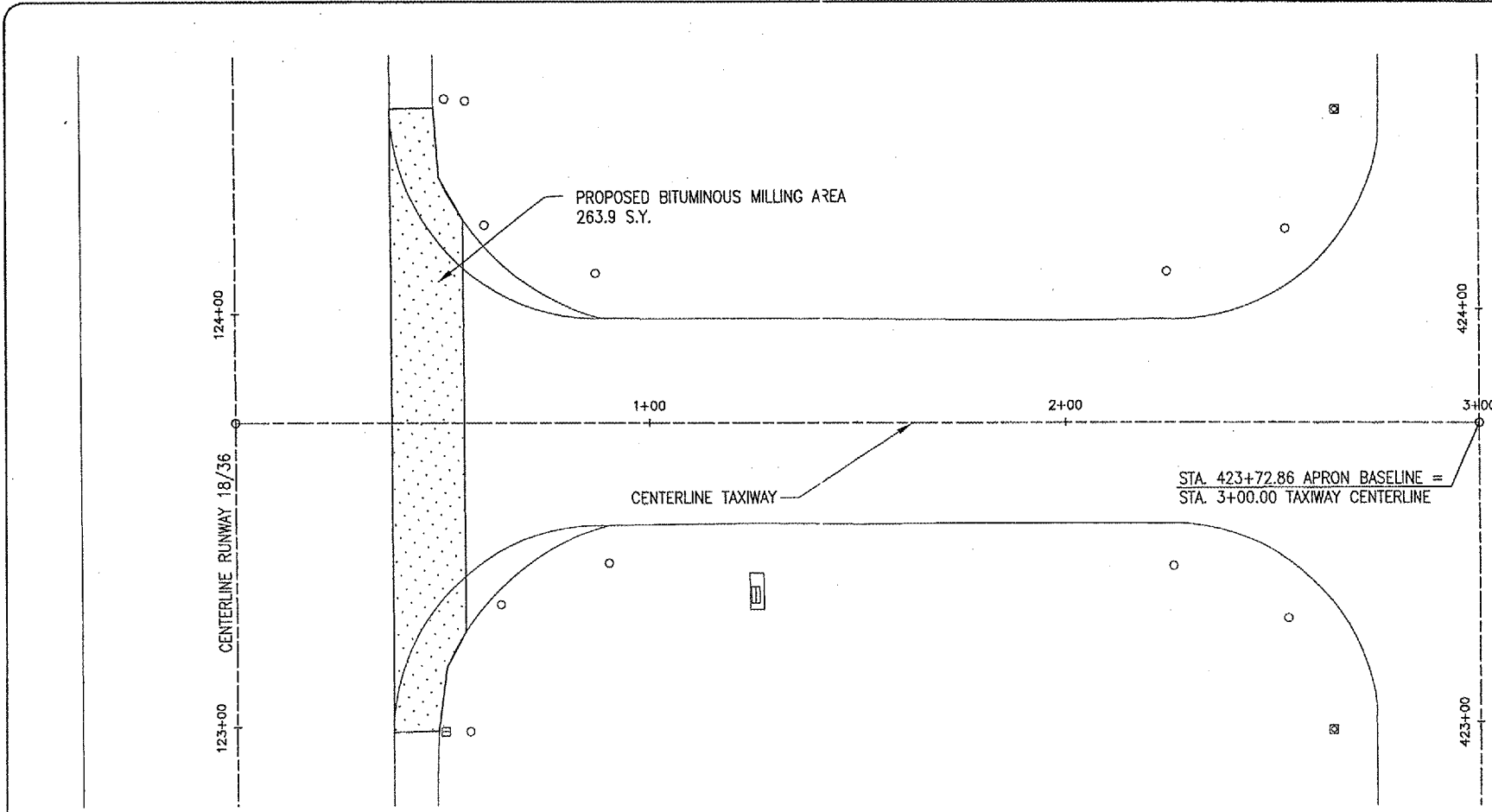
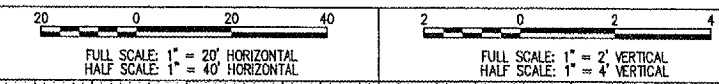
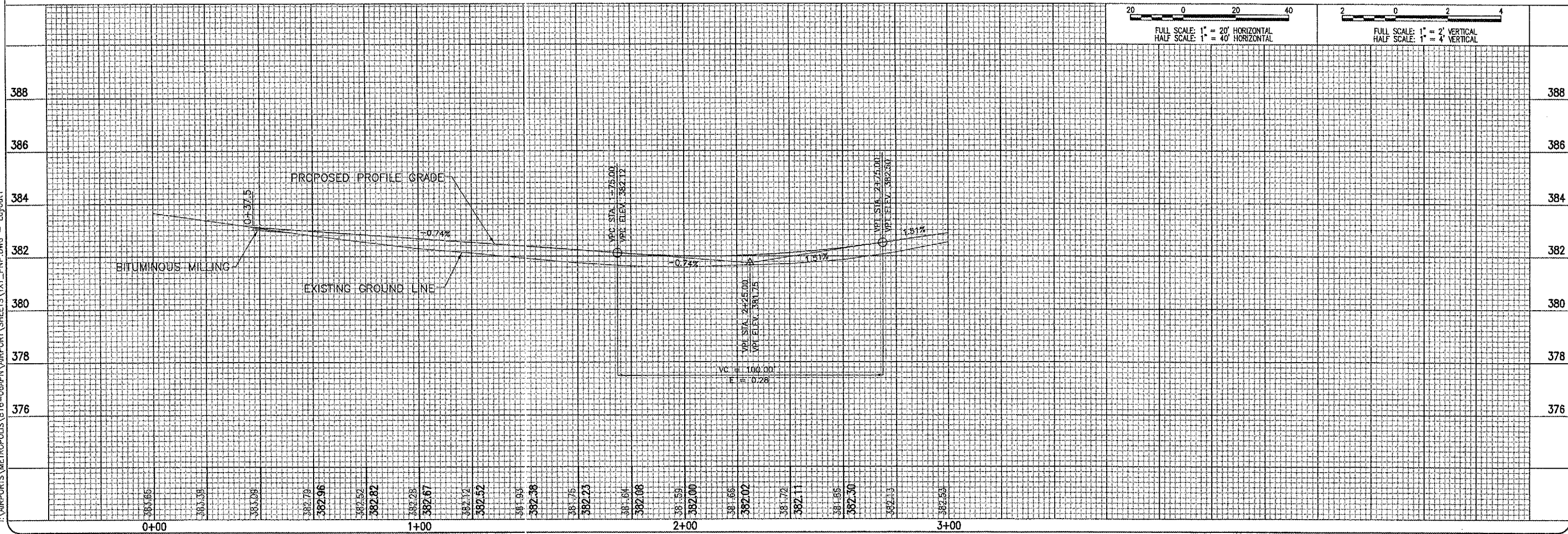
DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

Proj. No.	816-06APND
File Name	R-190STAK.DWG
Scale	N/A
Date	09/26/05
LAYOUT	JEO 09/26/05
DRAWN	JEO 09/26/05
REVIEWED	CAH 12/12/05

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 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
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**PROPOSED APRON
 REHABILITATION**
 PROPOSED
 TAXIWAY STAKING
 PLAN



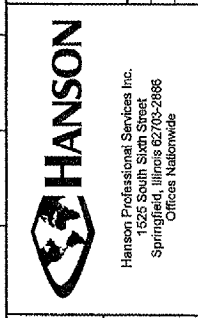
MP003

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

IL. PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-B7

HE Project No. 816-06APND	Element	N/A	Date	09/26/05
LAYOUT	JEC	09/26/05		
DRAWN	JEC	09/26/05		
REVIEWED	CAF	12/12/05		



**PROPOSED APRON
 REHABILITATION**

PROPOSED PLAN AND
 PROFILE FOR TAXIWAY

620-PAVEMENT MARKING-WATERBORNE NOTES

THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 77 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM SHALL CONSIST OF TAXIWAY CENTERLINE, RUNWAY EDGE STRIPE, HOLDING POSITION (BLACK AND YELLOW) AND TIE DOWN MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

THIS PROJECT WILL ALSO REQUIRE TWO MARKING PHASES. THE FIRST MARKING PHASE WILL BE AFTER THE FINAL BITUMINOUS SURFACE IS IN PLACE AND INCLUDES THE RUNWAY AND TAXIWAY STRIPING. THE SECOND MARKING PHASE OCCURS AFTER THE TAR EMULSION SEAL COAT IS APPLIED IN THE TIE-DOWN AREAS. A 30 DAY CURE TIME FOR THE BITUMINOUS SURFACE COURSE IS REQUIRED BEFORE THE SEAL COAT MAY BE APPLIED AND THE SEAL COAT THEN REQUIRES A 48 HR. CURE TIME BEFORE THE REMAINING MARKING MAY BE APPLIED.

ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 PAVEMENT MARKING-WATERBORNE _ 1,763 S.F.

TIE DOWN NOTES

NEW TIE DOWNS WILL BE INSTALLED IN ACCORDANCE WITH DETAIL "B" AND AT THE LOCATIONS SHOWN ON THIS SHEET.

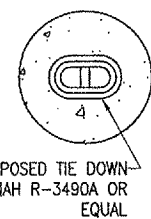
THE PERIMETER OF EACH PROPOSED TIE DOWN SHALL BE SAWED.

TIE DOWN CASTINGS SHALL BE NEENAH R-3490A OR EQUAL.

CONCRETE SHALL MEET THE REQUIREMENTS OF 610 - STRUCTURAL CONCRETE.

THE PROPOSED TIE DOWN MARKING WILL BE IN ACCORDANCE WITH THE TIE DOWN MARKING DETAIL ON THIS SHEET AND THE SPECIFICATIONS.

THE TIE DOWNS WILL BE PAID FOR UNDER ITEM:
AR510510 "TIE DOWN" _____ 24 EA.

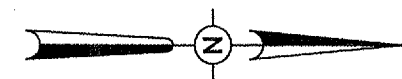


TIE DOWN DETAIL "B"
"NOT TO SCALE"

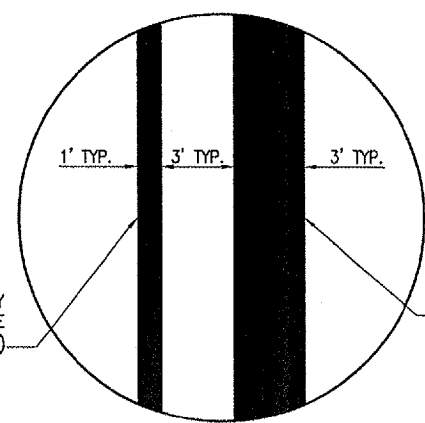
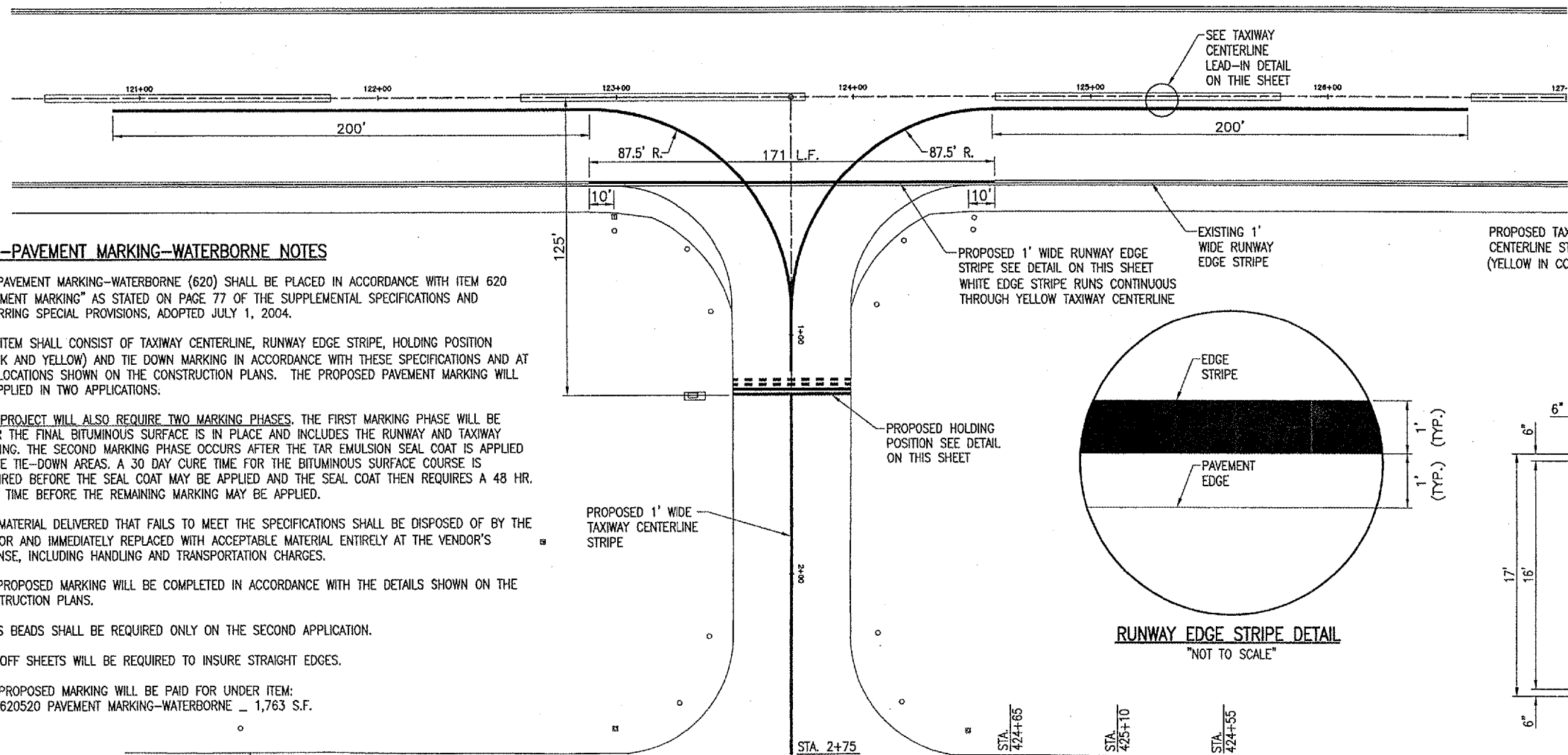
MARKING QUANTITIES			
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
TAXIWAY CENTERLINE	875	1	880
TIE DOWN	39	8	312
HOLDING POSITION	150	1	150
		TOTAL YELLOW	1,342
RUNWAY EDGE STRIPE	171	1	171
		TOTAL WHITE	171
HOLDING POSITION (BLACK)	200	1	250
		TOTAL BLACK	250
		TOTAL MARKING	1,763

LEGEND

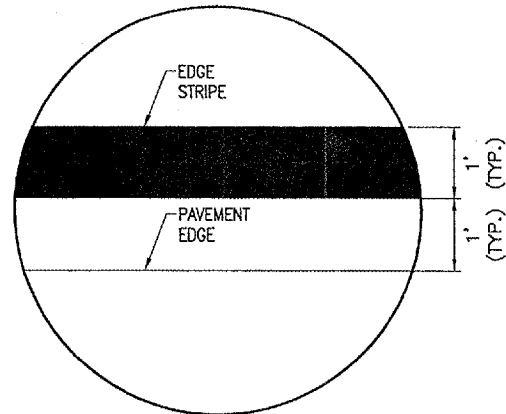
- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- EXISTING FENCE
- EXISTING MARKING
- PROPOSED MARKING
- PROPOSED TIE DOWN



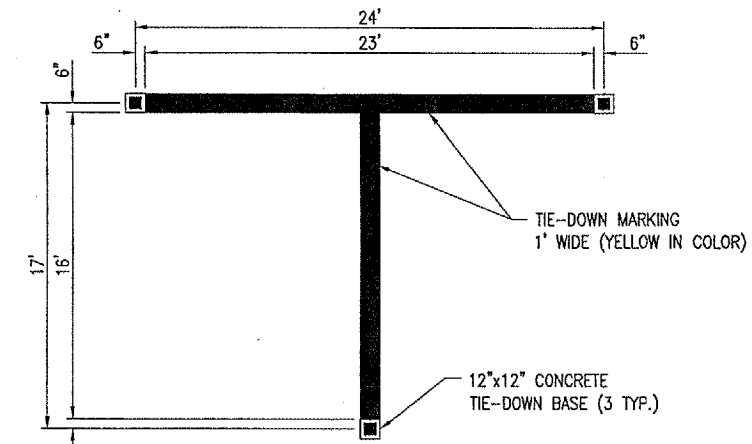
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HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'



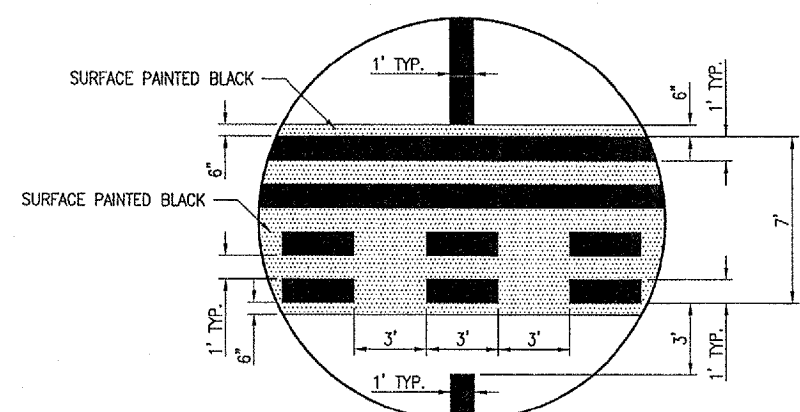
TAXIWAY CENTERLINE LEAD-IN DETAIL
"NOT TO SCALE"



RUNWAY EDGE STRIPE DETAIL
"NOT TO SCALE"



TIE DOWN MARKING DETAIL
"NOT TO SCALE"

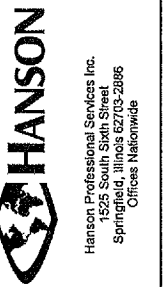


HOLDING POSITION DETAIL
"NOT TO SCALE"

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
METROPOLIS, ILLINOIS**

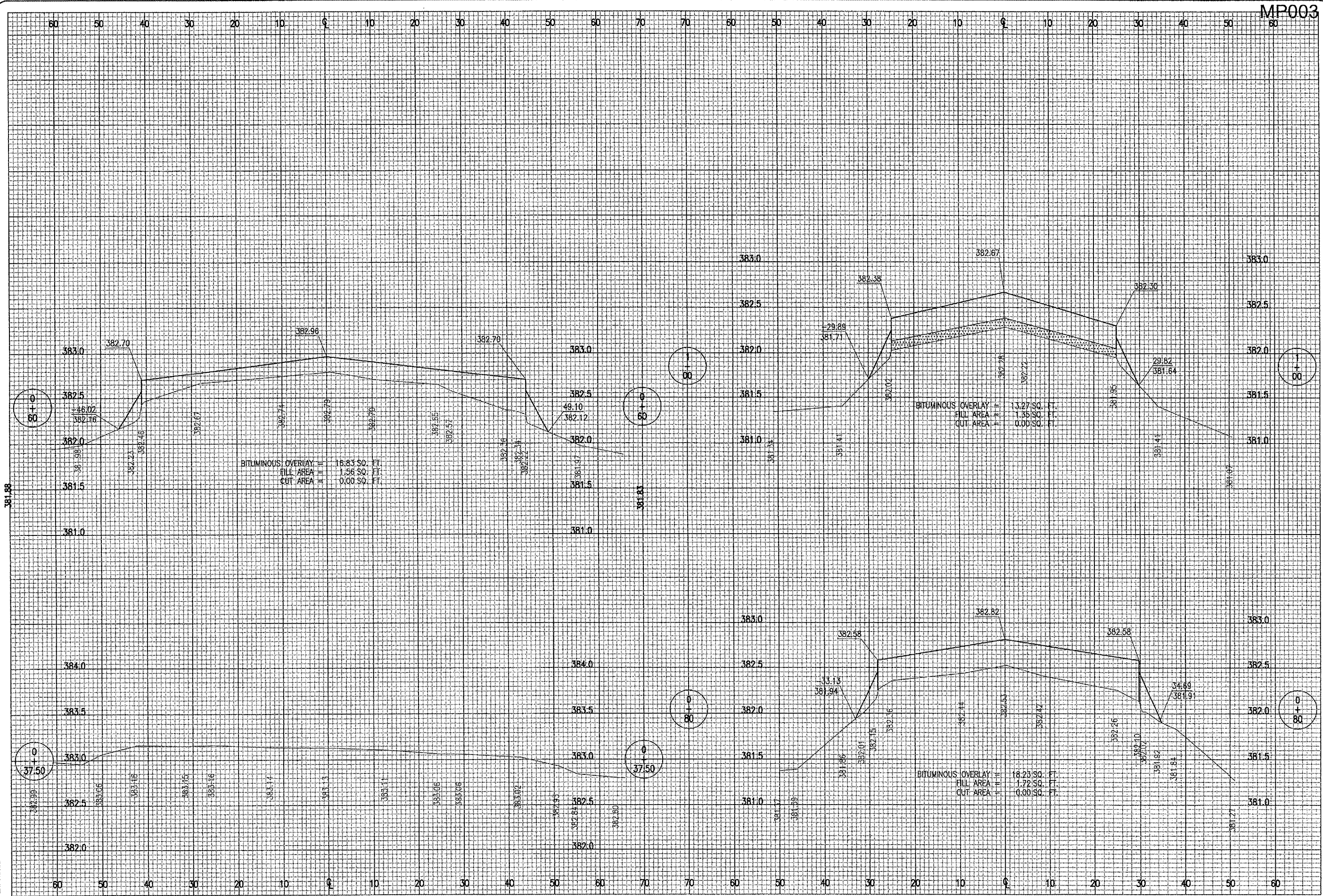
FILE NO.	DATE	BY	REVIEWED
816-06APND	09/26/05	JEO	CAH
R-151MRK.DWG	10/03/05	BAK	
Scale: 1" = 30'	12/12/05		
Date: 09/26/05			



**PROPOSED APRON
REHABILITATION**

**PROPOSED
MARKING
PLAN**

JAN 18, 2006 2:16 PM BKB I:\AIRPORTS\METROPOLIS\B18-06APN\AIRPORT_SHEETS\R-151MRK.DWG - Layout1



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

IL PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0087-87

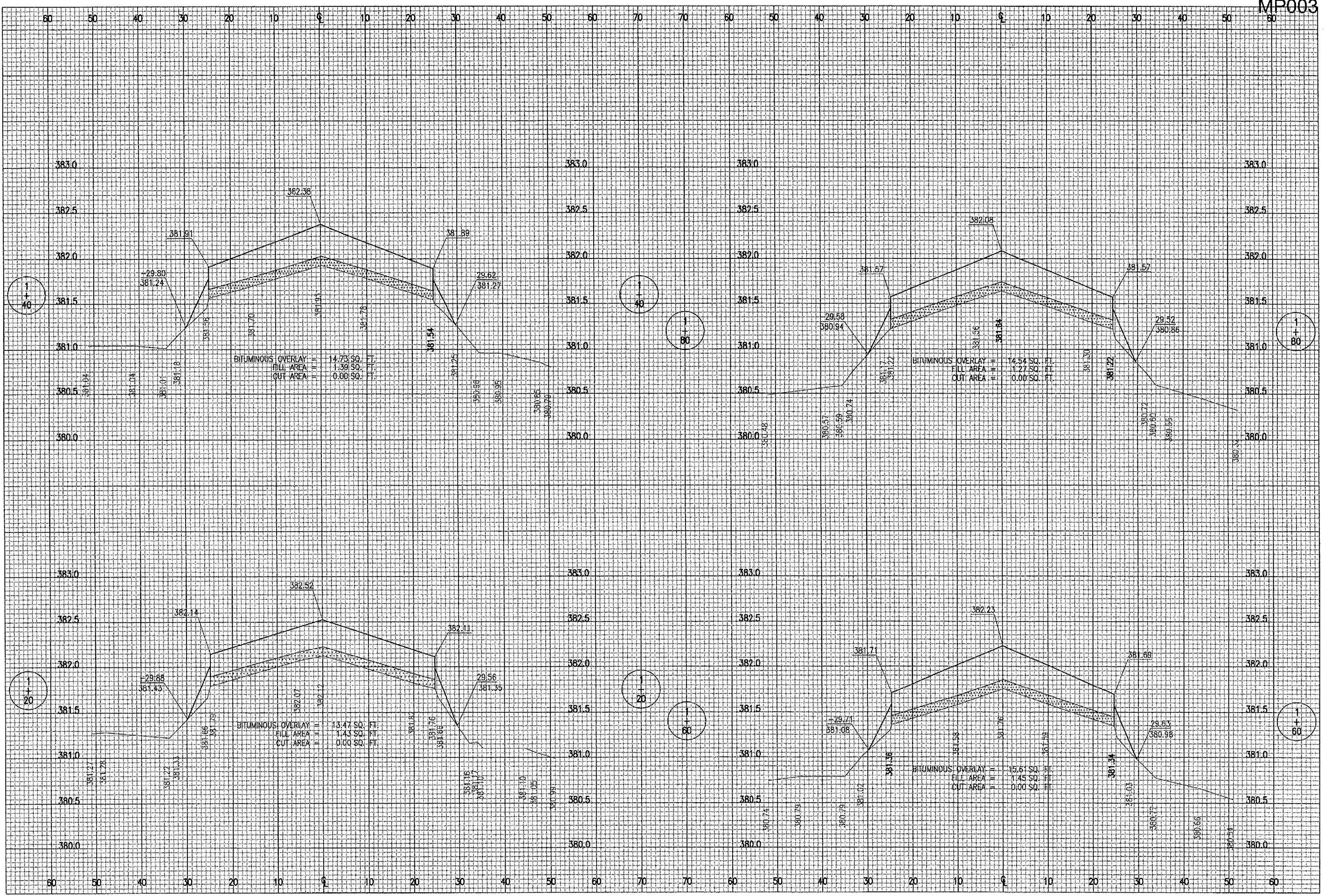
DATE	REVISION	BY
09/26/05	JEO	09/26/05
09/26/05	JEO	09/26/05
12/12/05	CAH	12/12/05

I/E Project No. 816-06APND
 Filename R-XSEC-TAXI.DWG
 Scale N/A
 Date 09/26/05



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 Offices Nationwide

**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR TAXIWAY
 STA. 0+37.5 TO STA. 1+00



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

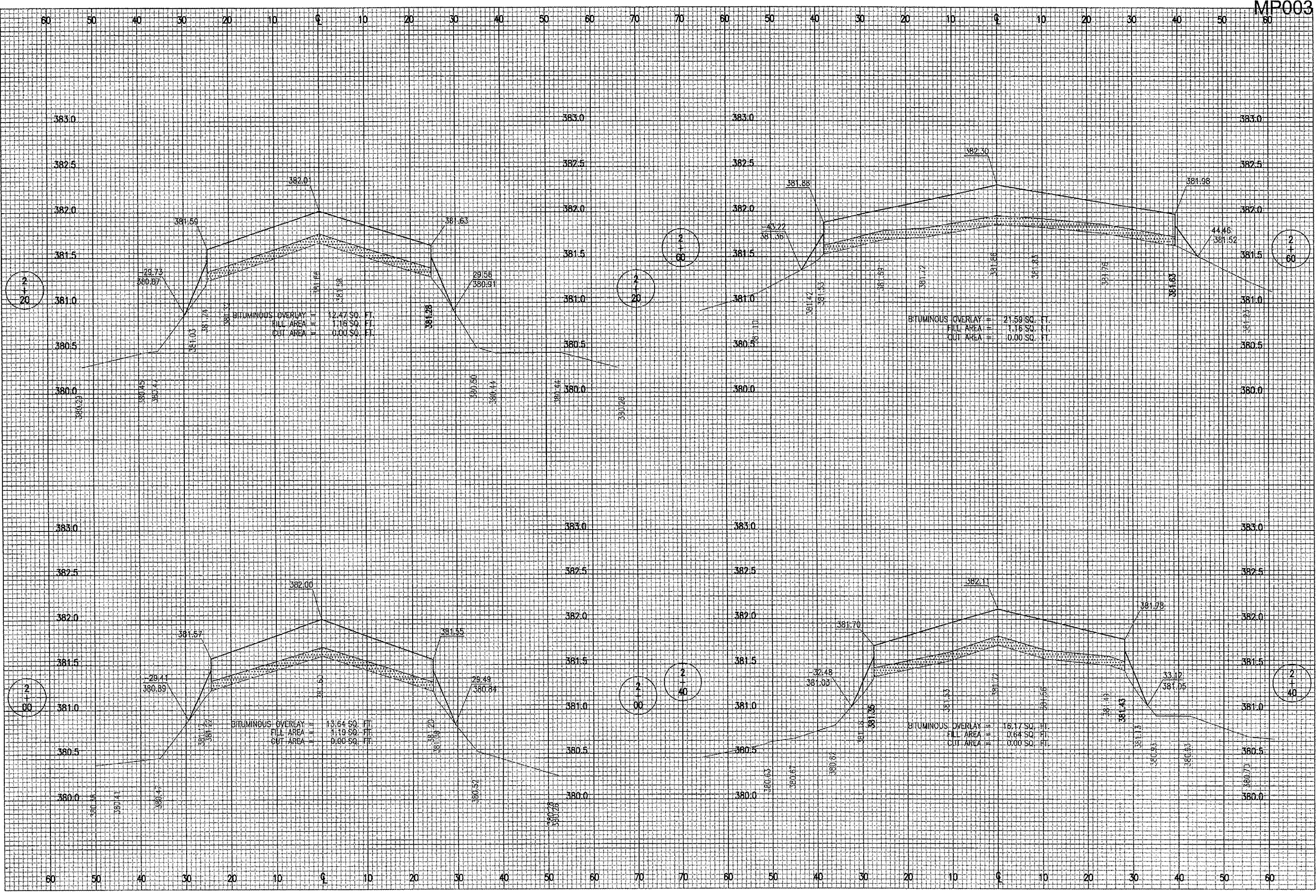
IL PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-B7

HEB Project No.	816-06APND
Elements	R-XSEC-TAXI.DWG
Scale	N/A
Date	09/26/05
LAYOUT	JEO 09/26/05
DRAWN	JEO 09/26/05
REVIEWED	CAH 12/12/05



**PROPOSED APRON
 REHABILITATION**

**PROPOSED CROSS SECTIONS
 FOR TAXIWAY
 STA. 2+00 TO STA. 2+60**



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

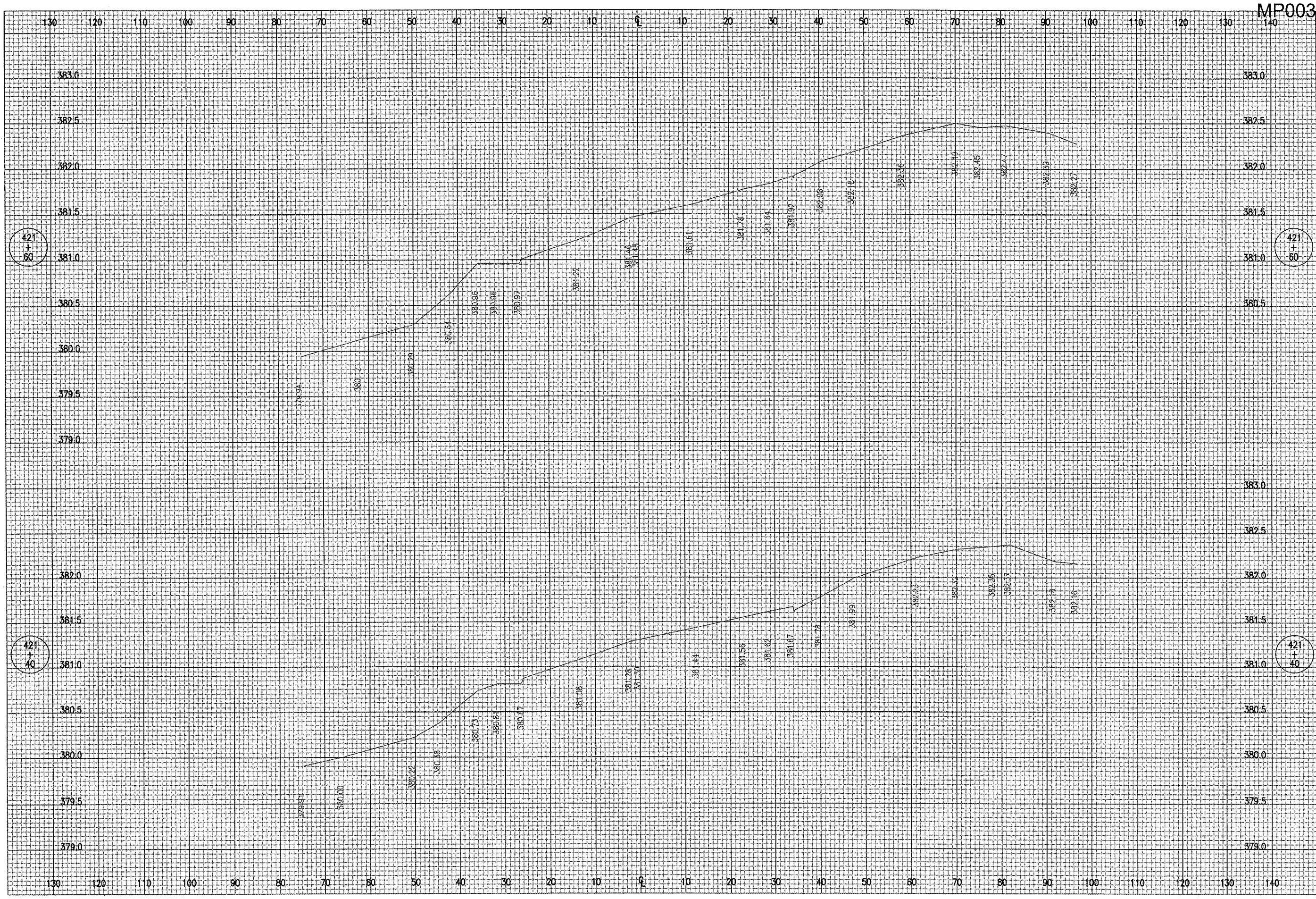
IL PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-87

168 Project No.	816-06APND
Revision	R-XSEC-TAXI.DWG
Scale	N/A
Date	09/26/05
LAYOUT	JEO 09/26/05
DRAWN	JEO 09/26/05
REVIEWED	CAH 12/12/05



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**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR TAXIWAY
 STA. 2+00 TO STA. 2+60



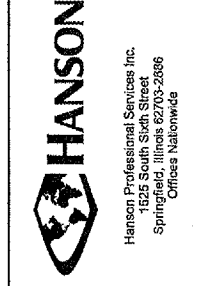
MP003

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

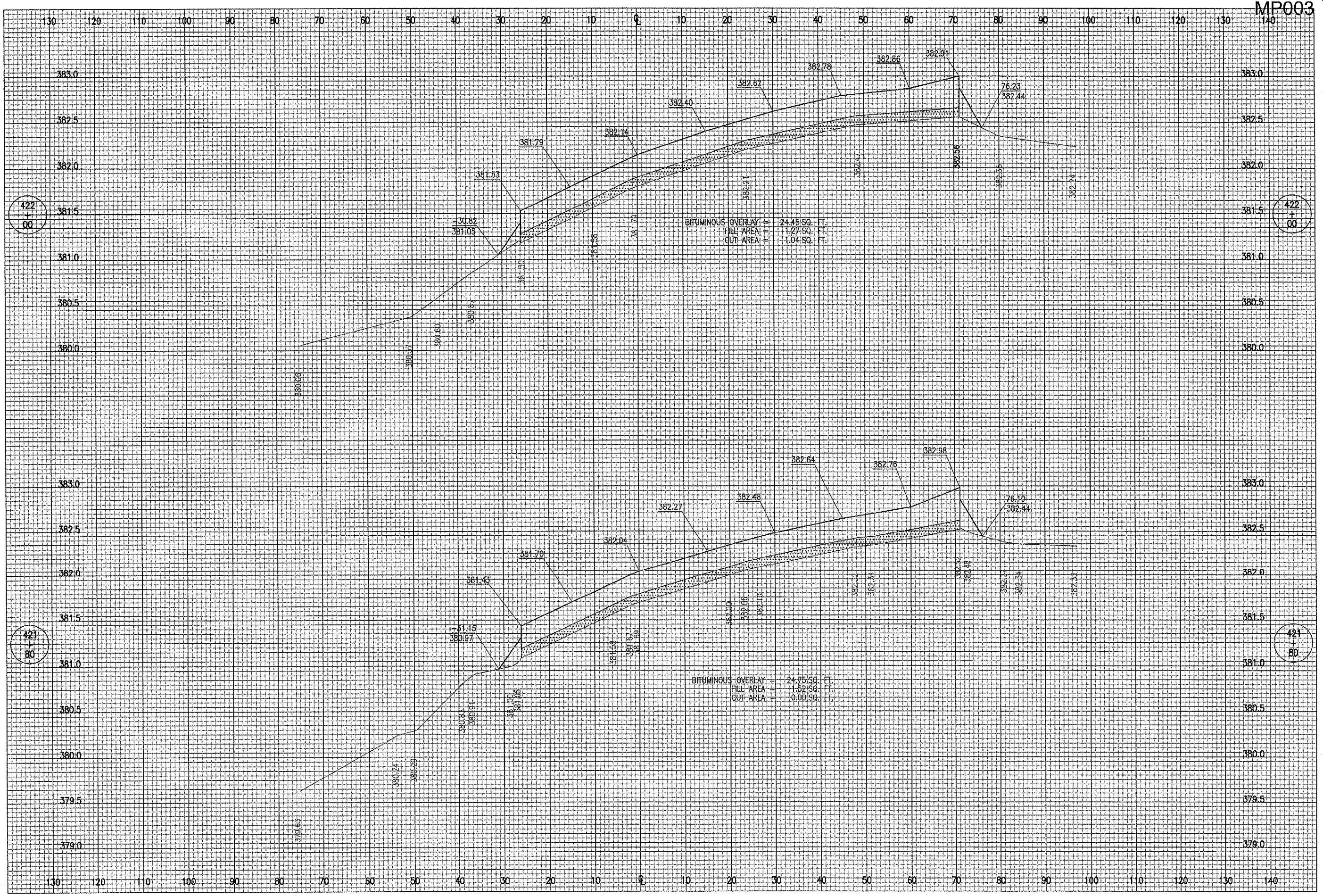
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FILE PROJECT NO.	816-06APND
FILE NAME	R-XSEC-TXVA.DWG
SCALE	N/A
DATE	09/26/05
LAYOUT	JEO 09/26/05
DRAWN	JEO 09/26/05
REVIEWED	CAH 12/12/05



**PROPOSED APRON
 REHABILITATION**

PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 421+40 TO STA. 421+60



MP003

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

ILL. PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-B7

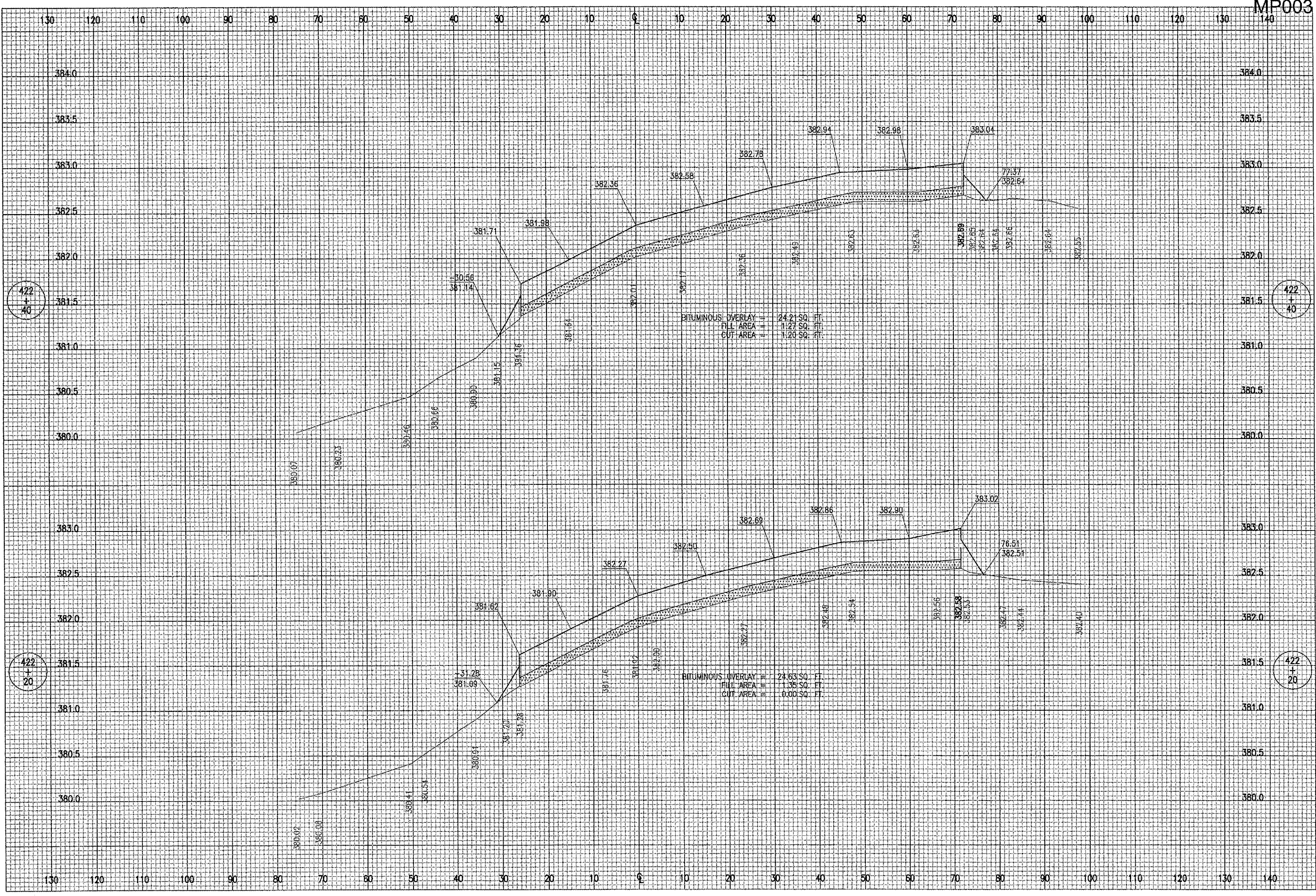
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Filename	R-XSEC-TXVA.DWG
Scale	N/A
Date	09/25/05

LAYOUT	JEO	09/26/05
DRAWN	JEO	09/26/05
REVIEWED	CAH	12/12/05



Hanson Professional Services Inc.
 1625 South Sixth Street
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 Chicago, Illinois

**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 421+80 TO STA. 422+00



DATE	REVISION	BY

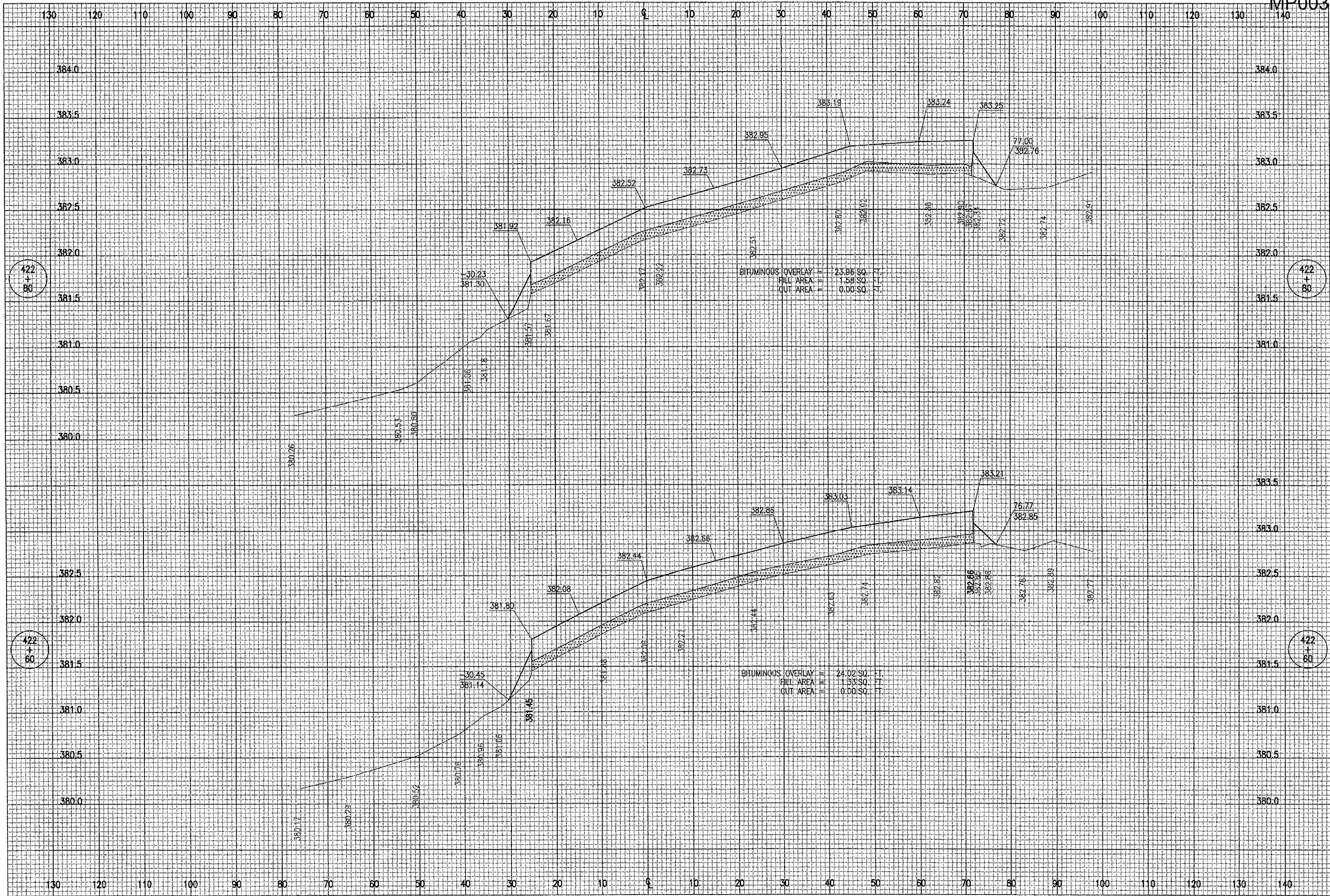
**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

IL PROJ: M30-3540 A.I.P. PROJ: 3-17-0067-B7

DATE	REVIEWED	BY
09/26/05	CAH	JEO
09/26/05	JEO	JEO
09/26/05	JEO	JEO

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 Offices Nationwide

**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 422+20 TO STA. 422+40



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

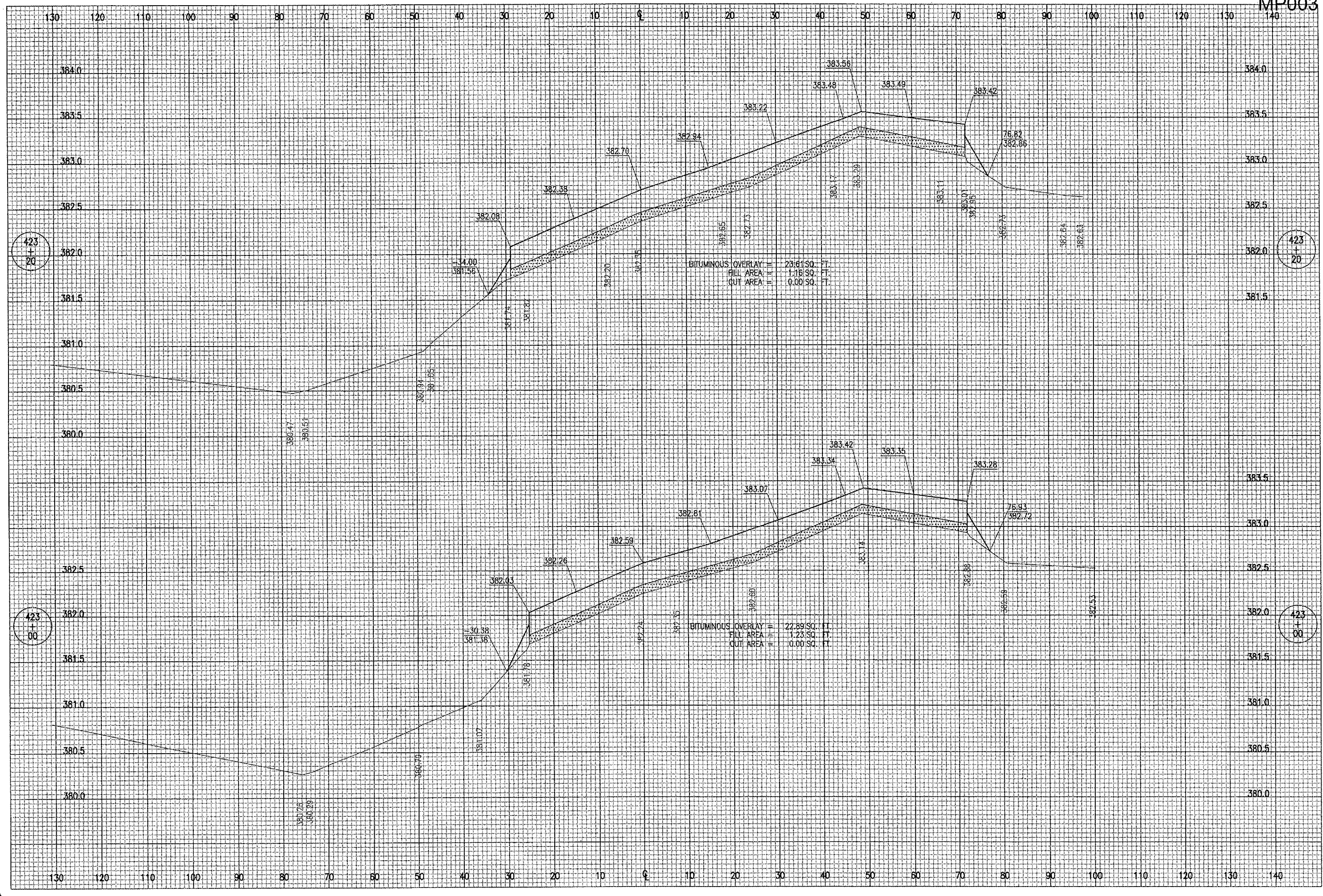
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FILE PROJECT NO.	DATE	BY
816-06APND	09/26/05	JEO
R-XSEC-TXVA.DWG	09/26/05	JEO
N/A	09/26/05	CAH



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**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 422+60 TO STA. 422+80



DATE	REVISION	BY

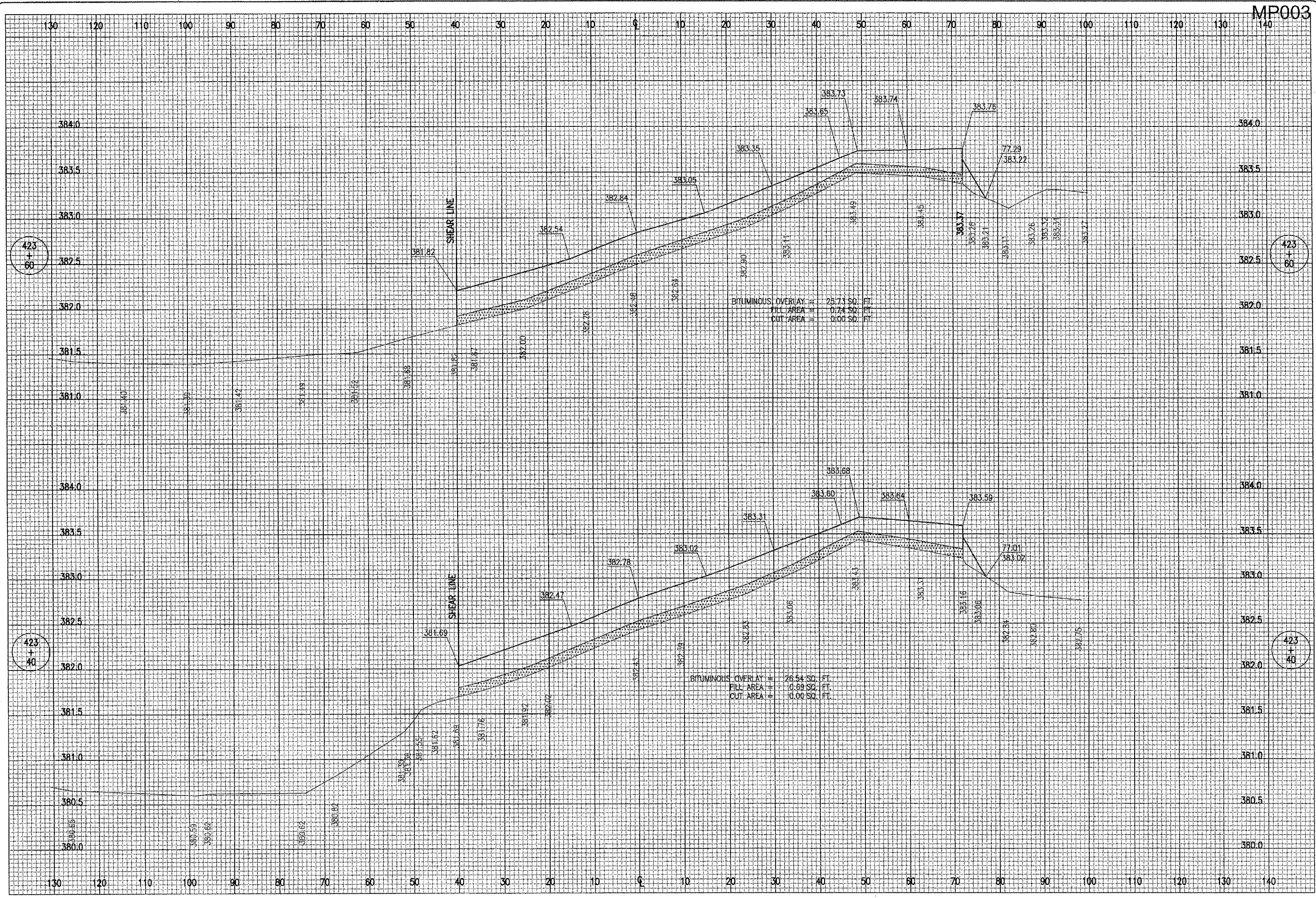
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 METROPOLIS, ILLINOIS**

IL PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-B7

FILE	DATE	BY	REVIEWED
815-06APND	09/26/05	JEO	CAH
R-XSEC-TXVA.DWG	09/26/05	JEO	CAH
N/A	09/26/05	JEO	CAH
09/26/05	09/26/05	JEO	CAH



**PROPOSED APRON
 RECONSTRUCTION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 423+00 TO STA. 423+20



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

PROJECT: M30-3540 A.I.P. PROJ.: 3-17-06B7-B7

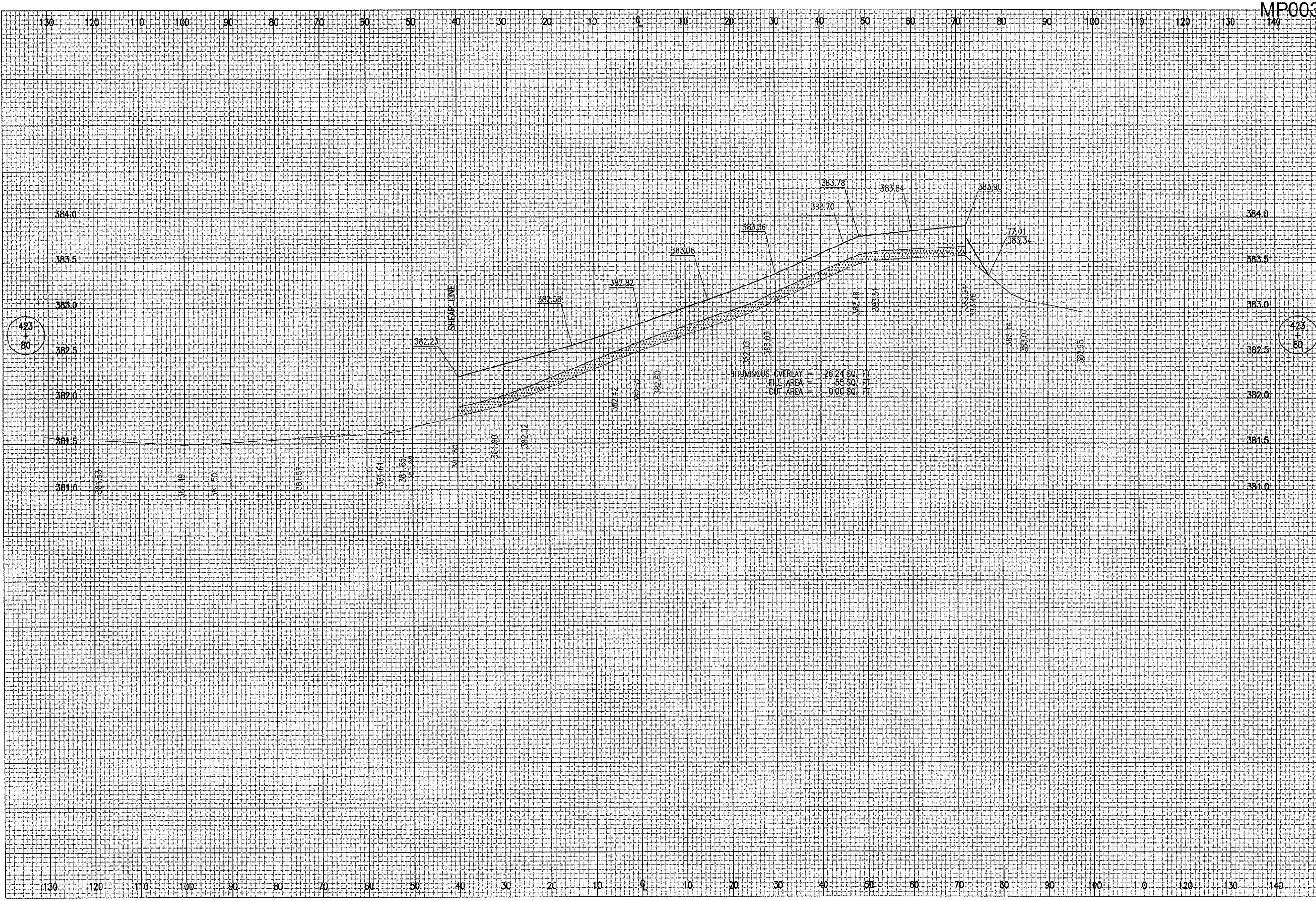
DATE	BY	REVIEWED
09/26/05	JEO	CAH
09/26/05	JEO	
12/12/05		



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**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 423+40 TO STA. 423+60

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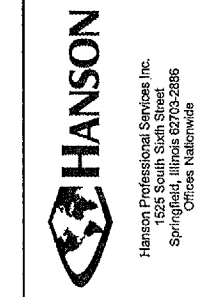


DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

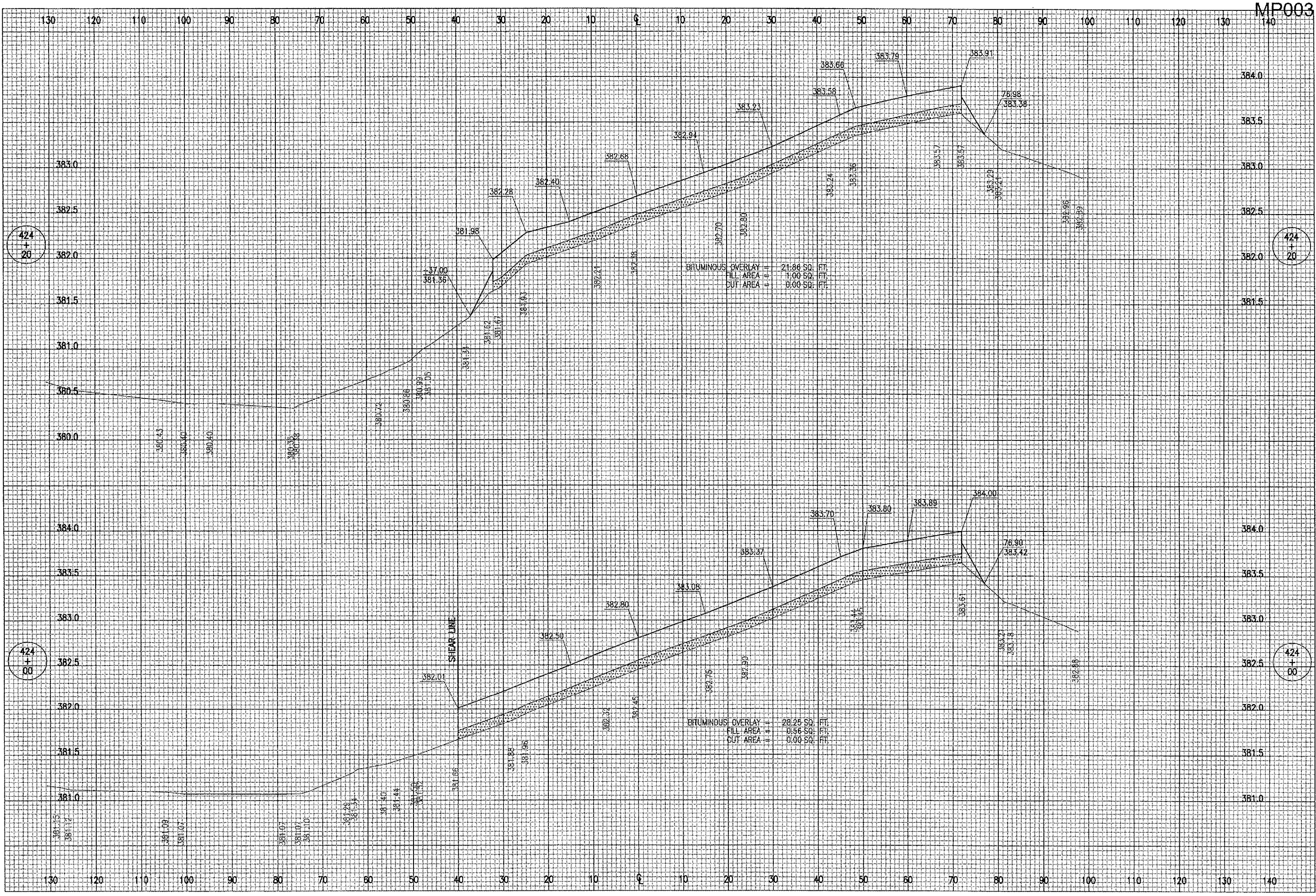
A.I.P. PROJ.: 3-17-0067-B7
 I.L. PROJ.: M30-3540

I.L. Project No. 816-06APND Filename: R-XSEC-TXVA.DWG Scale: N/A Date: 09/26/05	JEO 09/26/05 JEO 09/26/05 CAH 12/12/05
LAYOUT DRAWN REVIEWED	JEO JEO CAH



**PROPOSED APRON
 REHABILITATION**

PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 423+72.86 TO STA. 423+80



MP003

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

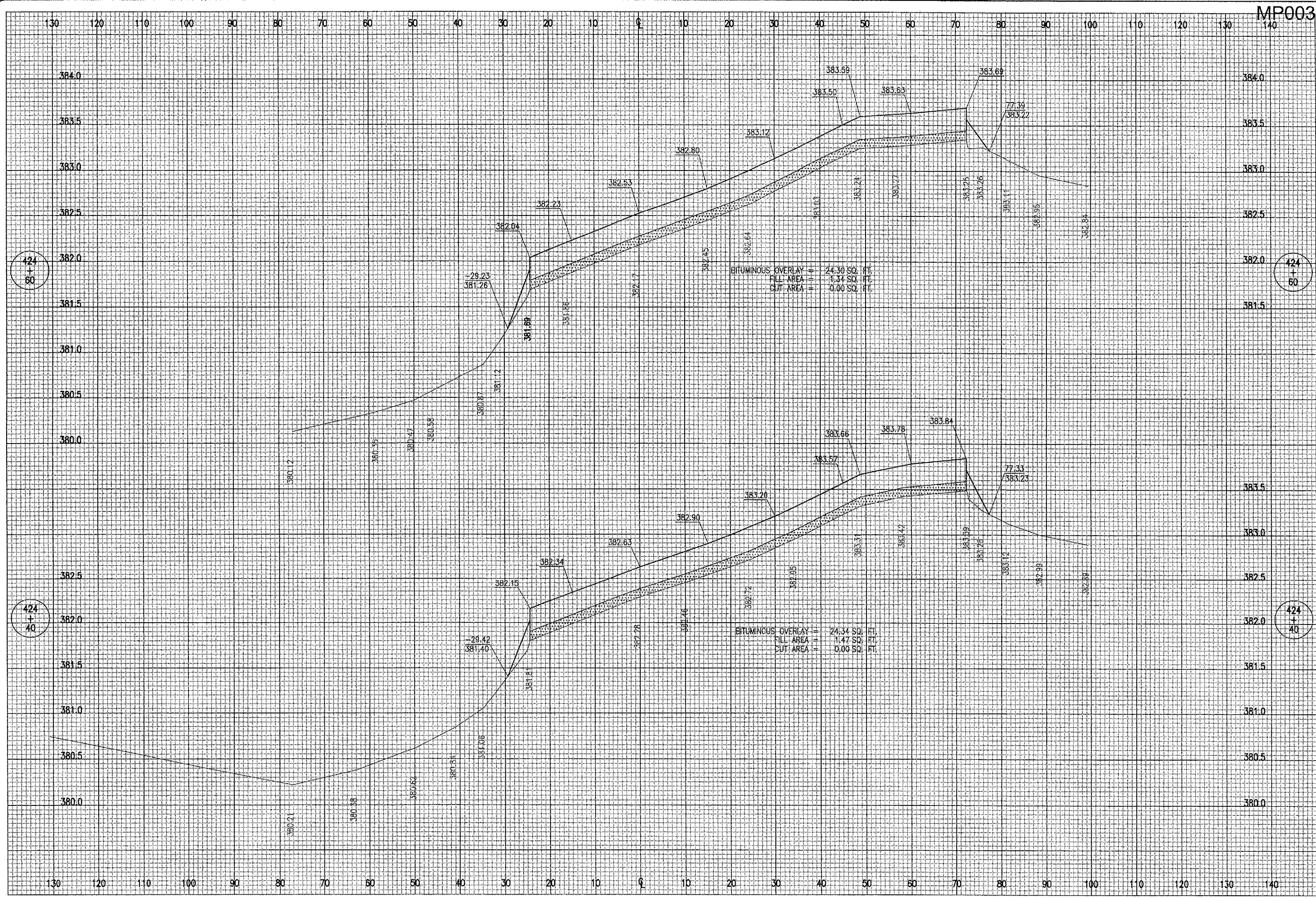
ILL. PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-B7

HEI Project No. 816-06APND	Element R-XSEC-TXVA.DWG	Scale N/A	Date 09/26/05
LAYOUT JEC	DRAWN JEC	REVIEWED CAH	08/26/05
			12/12/05



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 605 S. Main Street
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 Offices Nationwide

**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 424+00 TO STA. 424+20



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

ILL. PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-87

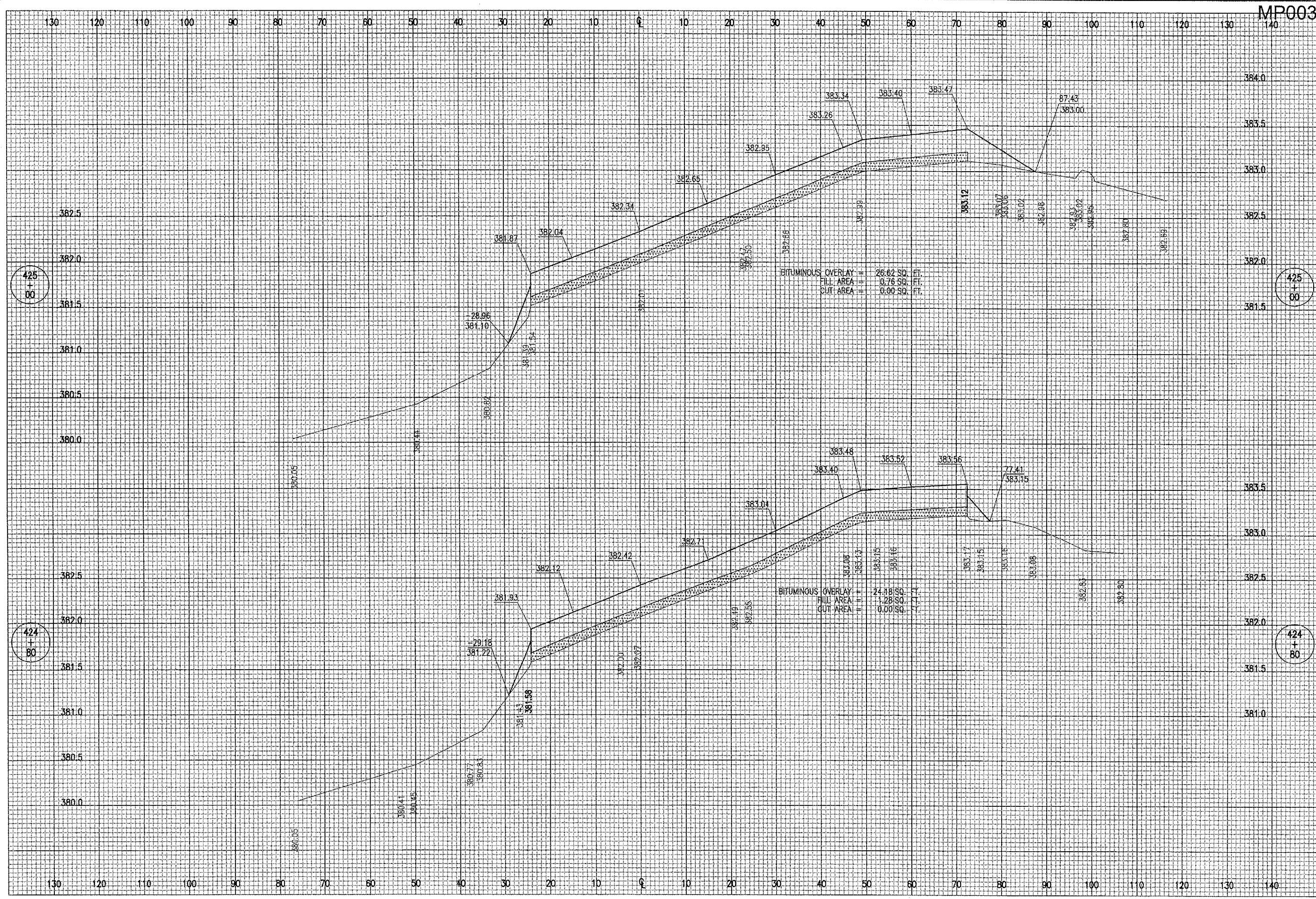
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Scale	N/A
Date	09/26/05

LAYOUT	JEO	08/26/05
DRAWN	JEO	09/26/05
REVIEWED	CAH	12/12/05



**PROPOSED APRON
 REHABILITATION**

PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 424+40 TO STA. 424+60



MP003

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

ILL. PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0687-B7

NEI Project No.	816-06AFND
Estimate	R-XSEC-TTYA.DWG
Scale	N/A
Date	09/26/05
LAYOUT	JEO 09/26/05
DRAWN	JEO 09/26/05
REVIEWED	CAH 12/12/05

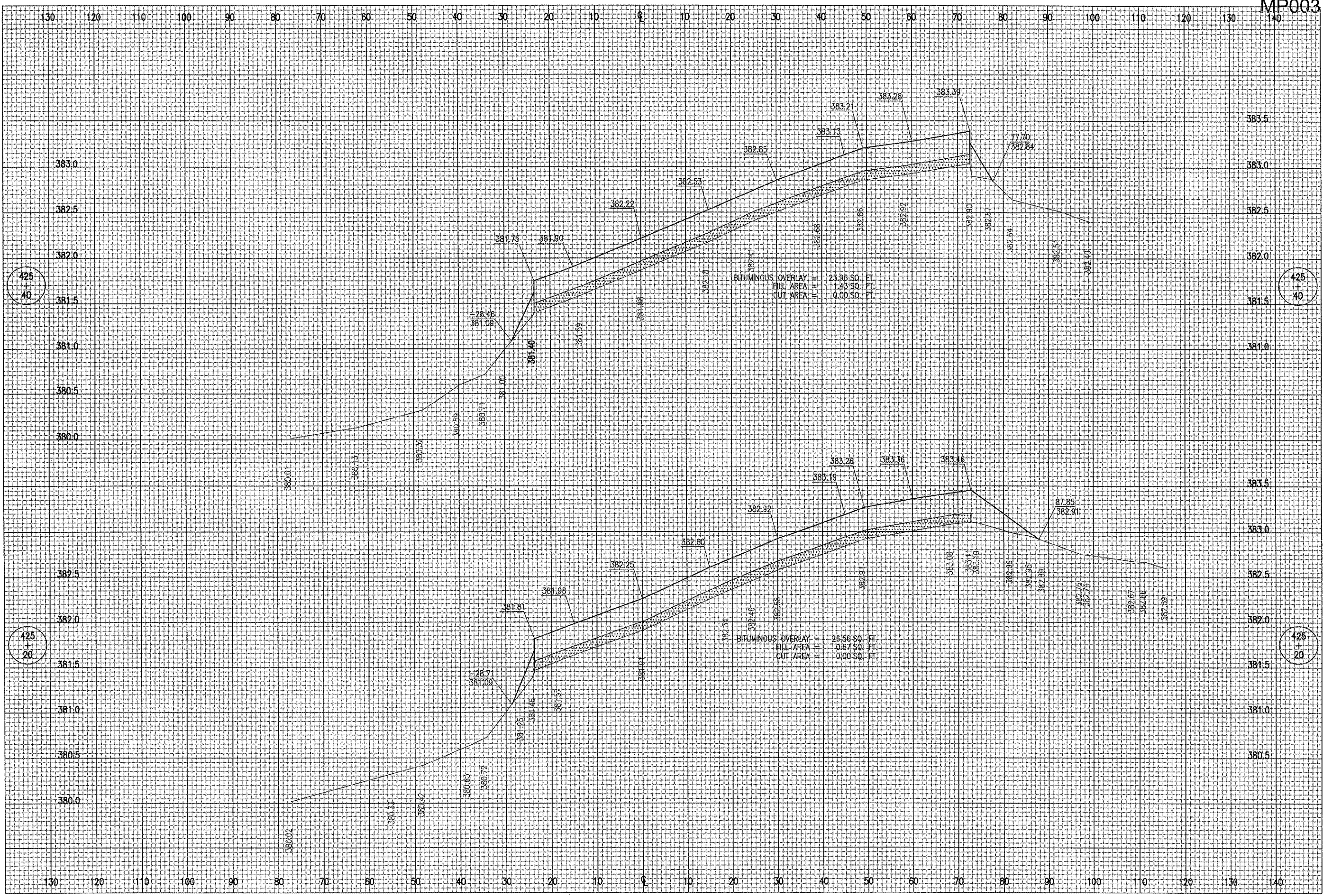


**PROPOSED APRON
 REHABILITATION**

PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 424+80 TO STA. 425+00

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MP003



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

IL PROJ.: M50-3540 A.I.P. PROJ.: 3-17-0067-87

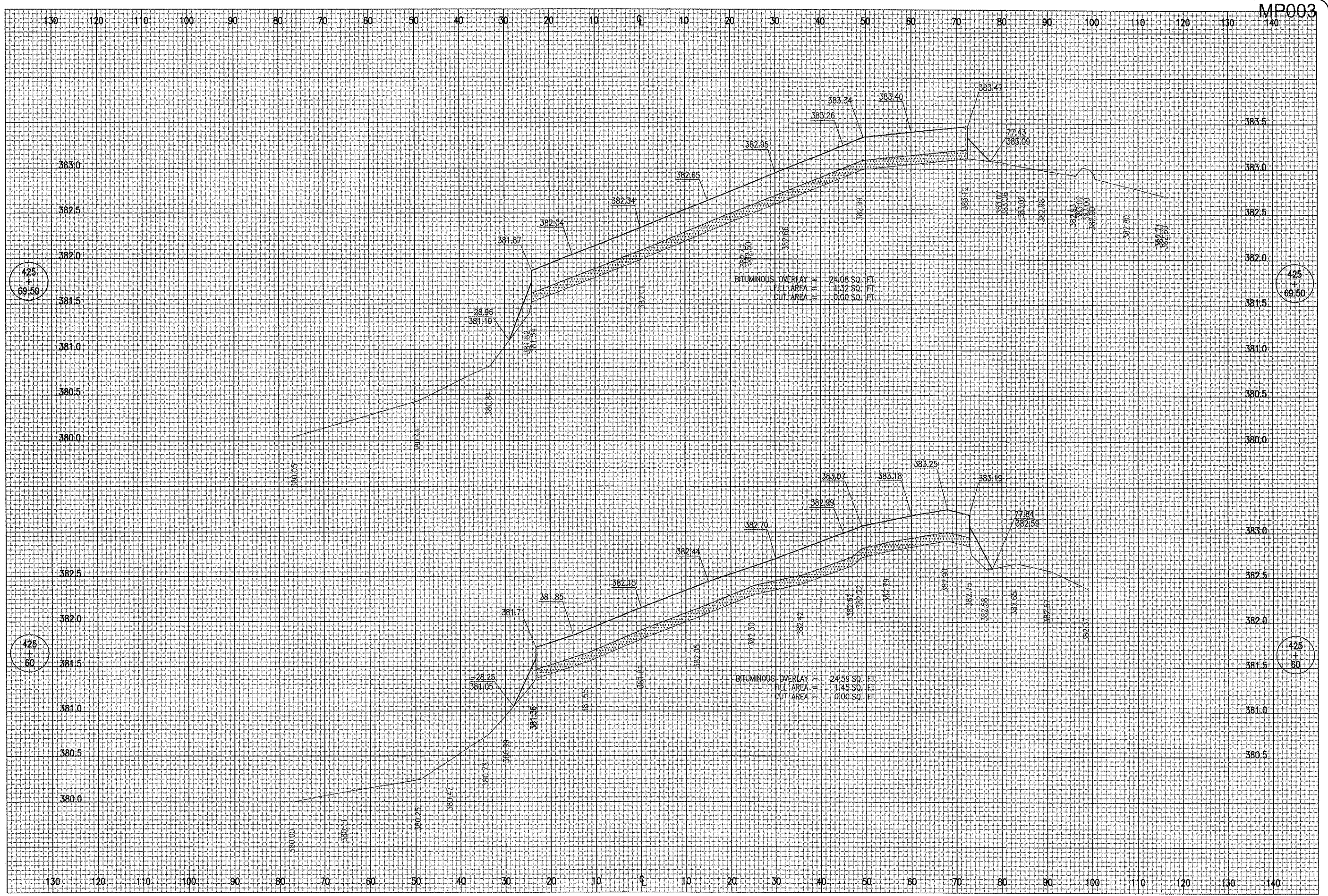
HB Project No.	816-06APND
Filename	R-XSEC-TXA.DWG
Scale	N/A
Date	09/26/05

LAYOUT	JEO	09/26/05
DRAWN	JEO	09/26/05
REVIEWED	CAH	12/12/05



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 1626 South State Street
 Springfield, IL 62703-2888
 Offices Nationwide

**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 425+20 TO STA. 425+40



DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

IL PROJ.: M30-3540 A.I.P. PROJ.: 3-17-0067-B7

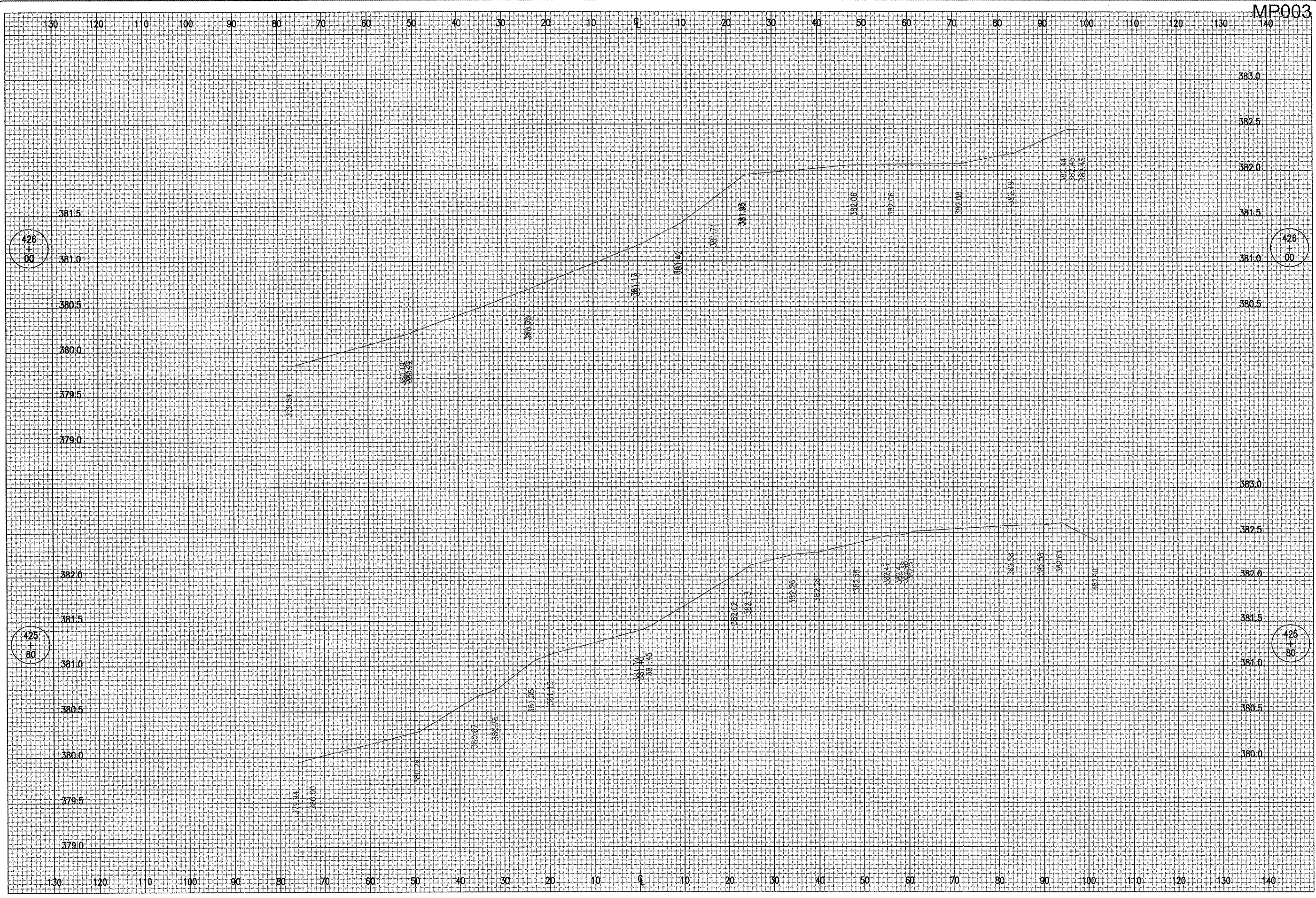
FILE	PROJECT NO.	DATE
R-XSEC-TXXA.DWG	816-06APND	09/26/05
N/A	N/A	09/26/05
09/26/05	09/26/05	12/12/05



Hanson Professional Services Inc.
 1225 So. Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 425+60 TO STA. 425+69.50

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MP003

DATE	REVISION	BY

**METROPOLIS MUNICIPAL AIRPORT
 METROPOLIS, ILLINOIS**

IL PROJ: M30-3540 A.I.P. PROJ: 3-17-0067-87

DATE	REVIEWED	BY
09/26/05	CAH	JEO
09/26/05	JEO	JEO
09/26/05	JEO	JEO



**PROPOSED APRON
 REHABILITATION**
 PROPOSED CROSS SECTIONS
 FOR APRON
 STA. 425+80 TO STA. 426+00