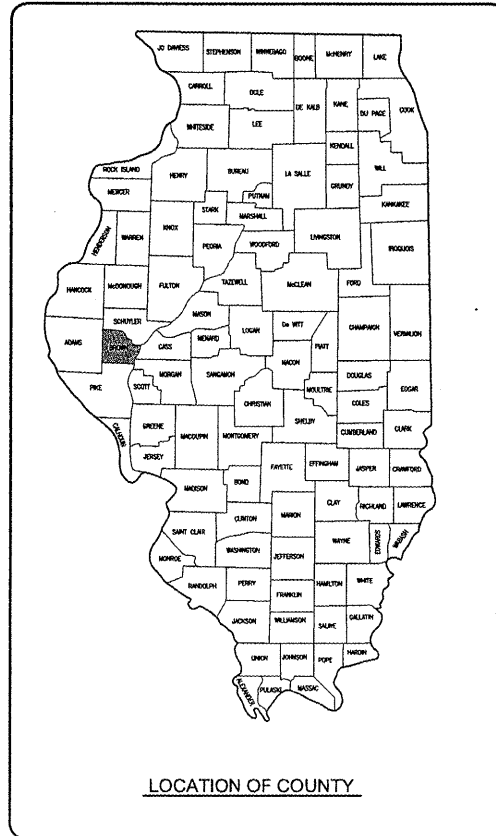


CONSTRUCTION PLANS FOR MT. STERLING MUNICIPAL AIRPORT

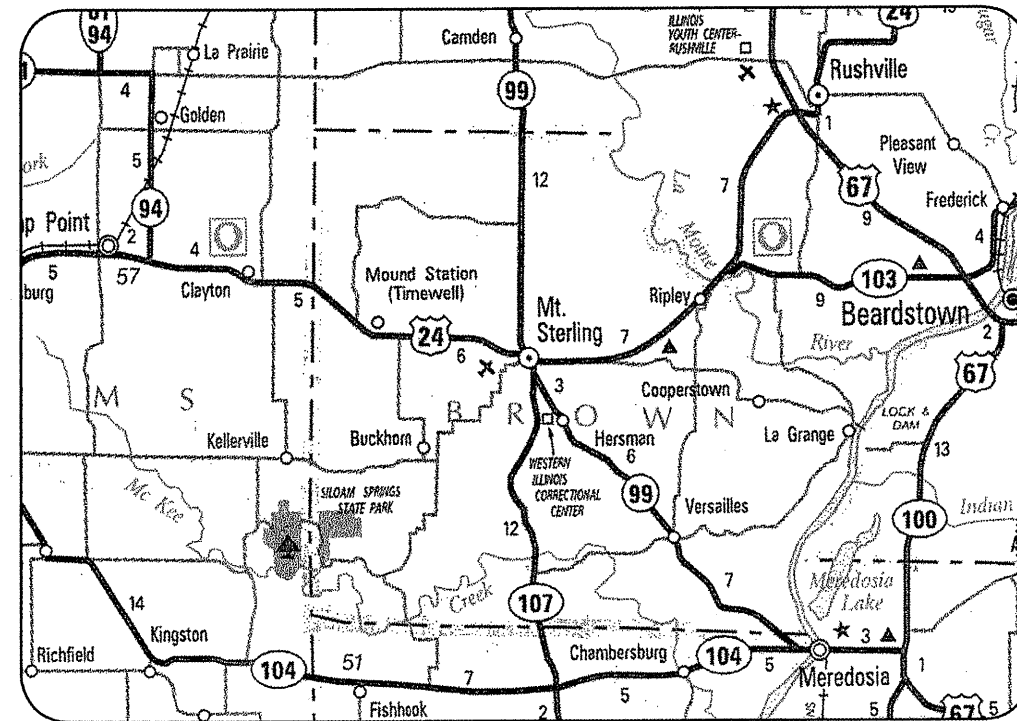
EXPAND THE AUTO PARKING LOT AND OVERLAY THE AIRCRAFT PARKING APRON

SCOPE OF WORK

THIS PROJECT CONSISTS OF EXPANDING THE AUTO PARKING LOT AND OVERLAYING THE EXISTING AIRCRAFT PARKING APRON. ASSOCIATED WORK ITEMS SHALL CONSIST OF: 7" PCC PAVEMENT, UNCLASSIFIED EXCAVATION, BITUMINOUS PAVEMENT MILLING, BITUMINOUS PAVING, MARKING, DRAINAGE IMPROVEMENTS, SEEDING AND EROSION CONTROL BLANKET.

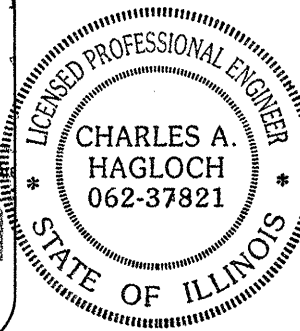


LOCATION OF COUNTY



LOCATION

ILL. PROJ.: 163-3715
A.I.P. PROJ.: 3-17-0147-B9
LATITUDE: 39° 59' 15"
LONGITUDE: 90° 48' 15"
ELEVATION: 732.0' M.S.L.
DATE: APRIL 11, 2008



REVISED 5/12/08

HANSON
Hanson Professional Services Inc.

Submitted by: *Charles A. Hagloch* ENG'R
Date Submitted: *May 12, 2008*
Lic. Exp. Date: *Nov. 30, 2009*

CITY OF MT. STERLING

Approved: *Billie Bug* MAYOR
Date: *05/05/08*

Approved: _____ CHAIRMAN AIRPORT ADVISORY BOARD
Date: _____

REVISION	DATE	BY

ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS
A.I.P. PROJ.: 163-3715
ILL. PROJ.: 3-17-0147-B9

ILL. Project No. 07A0058D_0800	Element R-001CVR.DWG	Scale NOT TO SCALE	Date 11/30/07
LAYOUT	KDM	BAK	11/30/07
DRAWN	BAK	CAH	04/14/08
REVIEWED	CAH		

HANSON
Hanson Professional Services Inc.
1525 South State Street
Springfield, IL 62766
Offices Nationwide

EXPAND AUTO PARKING
LOT & OVERLAY APRON
COVER SHEET

MAY 11, 2008 4:44 PM HAGL000382
I:\AIRPORTS\WSTERLING\07A0058\CAD\SHEETS\R-001CVR.DWG - COVER

DATE	REVISION	BY

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR110551	EXTEND DUCT	L.F.	46	
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150540	HAUL ROUTE	L.S.	1	
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	130	
AR156513	SEPARATION FABRIC	S.Y.	506	
AR156531	EROSION CONTROL BLANKET	S.Y.	1,533	
AR162960	RELOCATE CLASS E FENCE	L.F.	120	
AR201610	BITUMINOUS BASE COURSE	TON	764	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	177	
AR401610	BITUMINOUS SURFACE COURSE	TON	454	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	150	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	327	
AR501507	7" PCC PAVEMENT	S.Y.	302	
AR501600	PCC SIDEWALK	S.F.	332	
AR501900	REMOVE PCC PAVEMENT	S.Y.	88	
AR510510	TIE DOWN	EACH	9	
AR510900	REMOVE TIE DOWN	EACH	18	
AR602510	BITUMINOUS PRIME COAT	GAL.	221	
AR603510	BITUMINOUS TACK COAT	GAL.	1,499	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	729	
AR625510	TAR EMULSION SEAL COAT	S.Y.	415	
AR701212	12" CMP	L.F.	168	
AR751051	SLOTTED DRAIN	L.F.	50	
AR751414	INLET-TYPE D	EACH	1	
AR752212	METAL END SECTION 12"	EACH	1	
AR800465	DECORATIVE ROCK	S.Y.	20	
AR901510	SEEDING	ACRE	0.32	
AR910230	HANDICAP SIGN	EACH	2	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	SUMMARY OF QUANTITIES FOR OVERLAYING AIRCRAFT PARKING APRON
5	PROPOSED CONSTRUCTION PLAN FOR AIRCRAFT PARKING APRON
6	PROPOSED CONSTRUCTION DETAILS
7	PROPOSED PAVEMENT PREPARATION PLAN FOR AIRCRAFT PARKING APRON
8	PROPOSED DRAINAGE PLAN AND PROFILE
9	PROPOSED STAKING PLAN FOR AIRCRAFT PARKING APRON
10	PROPOSED MARKING PLAN FOR AIRCRAFT PARKING APRON
11	PROPOSED CROSS-SECTIONS FOR AIRCRAFT PARKING APRON STA. 5+25 TO STA. 5+70
12	PROPOSED CROSS-SECTIONS FOR AIRCRAFT PARKING APRON STA. 6+00 TO STA. 6+50
13	PROPOSED CROSS-SECTIONS FOR AIRCRAFT PARKING APRON STA. 6+75 TO STA. 7+25
14	PROPOSED CROSS-SECTIONS FOR AIRCRAFT PARKING APRON STA. 7+50 TO STA. 7+80
15	PROPOSED CROSS-SECTIONS FOR AIRCRAFT PARKING APRON STA. 8+00 TO STA. 8+12
16	SUMMARY OF QUANTITIES FOR EXPANSION OF AUTO PARKING LOT
17	PROPOSED CONSTRUCTION PLAN FOR AUTO PARKING LOT
18	PROPOSED PAVEMENT PREPARATION PLAN FOR AUTO PARKING LOT
19	PROPOSED STAKING PLAN FOR AUTO PARKING LOT
20	PROPOSED MARKING PLAN FOR AUTO PARKING LOT
21	PROPOSED CROSS-SECTIONS FOR AUTO PARKING LOT STA. 12+50 TO STA. 12+75
22	PROPOSED CROSS-SECTIONS FOR AUTO PARKING LOT STA. 13+03 TO STA. 13+25
23	PROPOSED CROSS-SECTIONS FOR AUTO PARKING LOT STA. 13+50 TO STA. 13+75
24	PROPOSED CROSS-SECTIONS FOR AUTO PARKING LOT STA. 14+04 TO TA. 14+25

ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS

IL PROJ.: 063-3715 A.I.P. PROJ.: 3-17-0147-B9

HEB Project No. 07A00580_0800
Filename: R-002FLP.DWG
Scale: NOT TO SCALE
Date: 11/30/07

LAYOUT	KDM	11/30/07
DRAWN	BAK	11/30/07
REVIEWED	CAH	04/14/08



Hanson Professional Services Inc.
1026 South Sixth Street
Springfield, IL 62761
Offices Nationwide

EXPAND AUTO PARKING
LOT & OVERLAY APRON

SUMMARY OF QUANTITIES
AND
INDEX TO SHEETS

SCOPE OF WORK

THIS PROJECT CONSISTS OF EXPANDING THE AUTO PARKING LOT AND OVERLAYING THE EXISTING AIRCRAFT PARKING APRON. ASSOCIATED WORK ITEMS SHALL CONSIST OF 7" PCC PAVEMENT, UNCLASSIFIED EXCAVATION, BITUMINOUS PAVEMENT MILLING, BITUMINOUS PAVING, MARKING, DRAINAGE IMPROVEMENTS, SEEDING AND EROSION CONTROL BLANKET.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL BE REQUIRED TO CUT OPEN A SECTION OF FENCE TO PROVIDE ACCESS TO THE APRON IMPROVEMENTS. THE CONTRACTOR WILL RE-SECURE THIS OPENING WITH FENCE FABRIC 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 USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. THE CONTRACTOR WILL PROVIDE A 12" CMP FOR THE WIDTH OF THE HAUL ROUTE TO PROVIDE DRAINAGE JUST WEST OF THE PROPOSED FENCE OPENING. THIS CMP WILL BE REMOVED UPON COMPLETION 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, FERTILIZE, SEED AND MULCH THE HAUL ROUTE AND PARKING AREA AS NEEDED TO RESTORE IT TO ITS' ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THIS AREA. 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.

THE CONTRACTOR SHALL KEEP THE RUNWAY OPEN AT ALL TIMES AND MINIMIZE INTERRUPTIONS TO TAXIWAY ACCESS TO THE HANGARS AND ADMINISTRATIVE AREAS.

ALL WORK PERFORMED SHALL BE DONE IN AN ORDERLY AND EFFECTIVE MANNER TO MINIMIZE INTERRUPTIONS TO AIRPORT ACTIVITIES.

NO UNBARRICADED TRENCHES OR HOLES WILL REMAIN OPEN OVERNIGHT.

NO RUNWAY SHALL BE CLOSED OVERNIGHT.

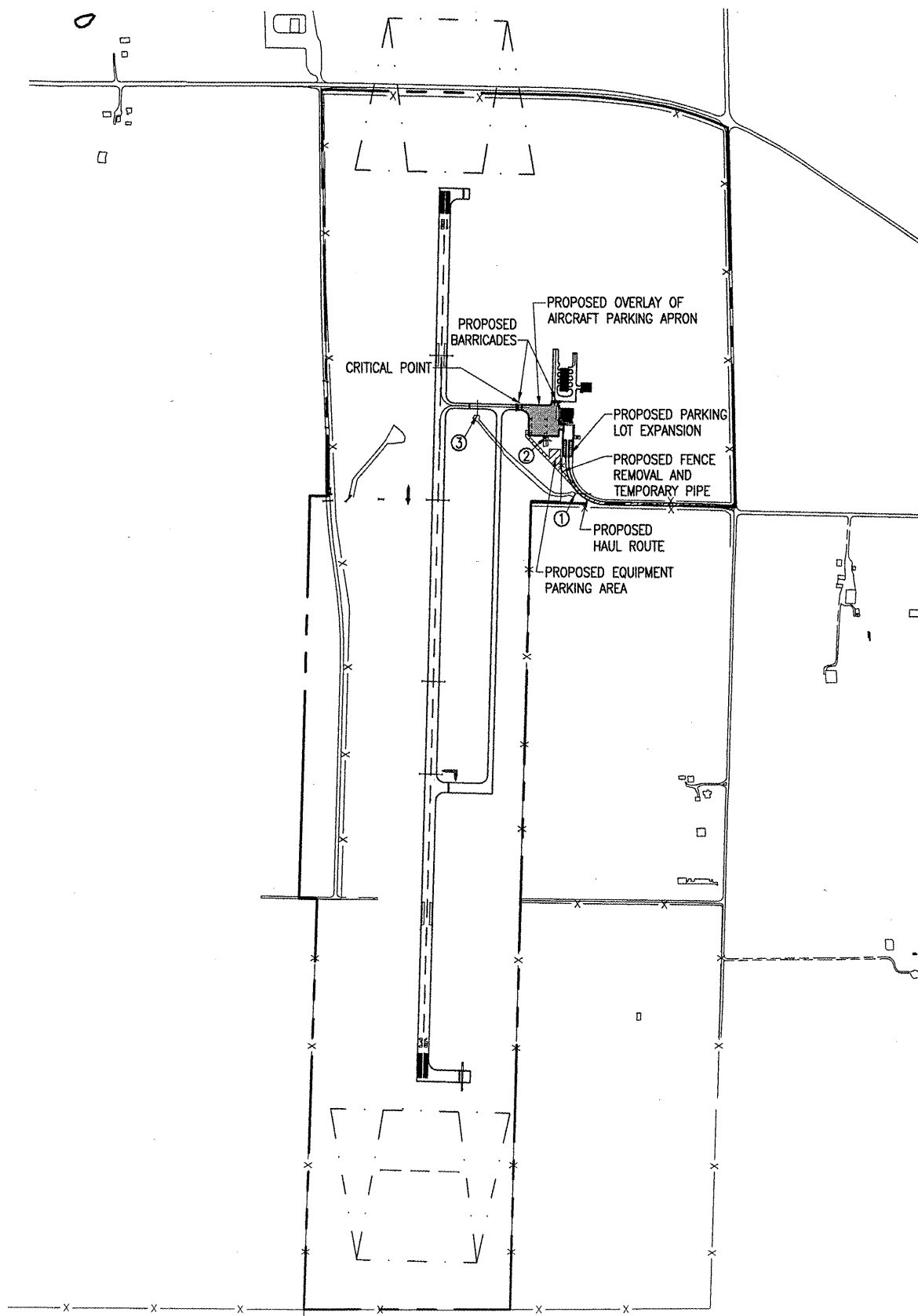
BARRICADES AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE RESIDENT ENGINEER. BARRICADES WILL BE REQUIRED ALONG THE PARKING LOT EXPANSION AND DURING THE SLOT DRAIN INSTALLATION. DURING PAVING OPERATIONS, THE APRON WILL BE CLOSED AND BARRICADES PLACED AS SHOWN ON THIS SHEET. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR RED STEADY-BURN LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

BENCHMARK DATA		
NO.	DESCRIPTION	ELEV.
1	CB-1 CHSLD. SQ. ON HW LOCATED ON SW SIDE OF ENT. RD CURVE	723.29
2	CB-2 CHSLD. SQ. ON NORTHWEST CORNER GAS PUMP SLAB	729.35
3	CB-3 CHSLD. SQ. ON CENTER OF HW SOUTH SIDE TWY A1	726.20



J.U.L.I.E. INFORMATION

COUNTY _____ BROWN
 CITY _____ MT. STERLING
 TOWNSHIP _____ LEE
 SECTION NO. _____ 12 & 13
 ADDRESS _____ MT. STERLING MUNICIPAL AIRPORT
 145 W. MAIN STREET
 MT. STERLING, ILLINOIS 62353-1296

CRITICAL POINT DATA

LATITUDE: 39° 59' 22.41"
 LONGITUDE: 90° 48' 07.52"
 ELEVATION: 728.31 M.S.L.

PROPOSED SAFETY PLAN

GENERAL - THE MT. STERLING MUNICIPAL AIRPORT IS COMPRISED OF ONE RUNWAY. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING THE RUNWAY.

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 MT. STERLING MUNICIPAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

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. A PHONE LINE OR WIRELESS ACCESS DEVICE WILL BE REQUIRED FOR COMPUTER USE. A CELL PHONE WILL BE FURNISHED TO THE RESIDENT ENGINEER FOR HIS EXCLUSIVE USE ON THE PROJECT.

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

EROSION CONTROL

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.

CERTIFIED PAYROLLS

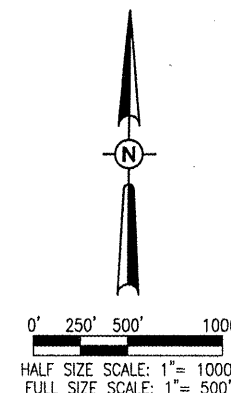
THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

MATERIAL CERTIFICATION

COMPLETED WORK CANNOT BE PLACED ON A CONSTRUCTION REPORT UNTIL ALL MATERIAL CERTIFICATIONS FOR THAT PAY ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE RESIDENT ENGINEER.

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- EXISTING AIRPORT PROPERTY LINE
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA
- EXISTING FENCE
- PROPOSED BENCHMARK
- PROPOSED BARRICADES



MS003

DATE	REVISION	BY
6/17/08	REVISED AS PER I.D.A. REVIEW	CAH

**ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS**

A.I.P. PROJ.: 3-17-0147-BB

IL PROJ.: 163-3715

ISEI Project No. 07A0058D_0800	11/30/07
Filename R-003SEY.DWG	11/30/07
Scale 1" = 500'	
Date 11/30/07	
LAYOUT	KDM
DRAWN	BAK
REVIEWED	CAH



**EXPAND AUTO PARKING
 LOT & OVERLAY APRON**

PROPOSED
 SAFETY
 PLAN

3

AR201-BITUMINOUS BASE COURSE NOTES

A TRACK PAVER WILL BE REQUIRED TO OVERLAY THIS APRON PAVEMENT. THE CONTRACTOR WILL MONITOR THE CONDITION OF THE EXISTING PAVEMENT. THE CONTRACTOR WILL REDUCE TRUCK WEIGHTS AND MINIMIZE TURNING ON THE EXISTING PAVEMENT SO AS NOT TO DETERIORATE THE EXISTING PAVEMENT.

THE CONTRACTOR WILL OFFSET FROM THE EXISTING PAVEMENT JOINTS BY A MINIMUM OF 1.5 FEET.

THE BITUMINOUS BASE COURSE (201) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR201001 "BITUMINOUS BASE COURSE-METHOD 1" AS STATED ON PAGE 187 OF THE INTERIM REVISIONS TO THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED MAY 11, 2007.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING ONE LIFT OF BITUMINOUS BASE COURSE (2-1/2 INCH DEPTH) ON THE EXISTING BITUMINOUS SURFACE COURSE FOR THE PROPOSED RUNWAY EXTENSION.

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

AR401611 BITUMINOUS SURFACE COURSE - METHOD 1

A TRACK PAVER WILL BE REQUIRED TO OVERLAY THIS APRON PAVEMENT. THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401001 "BITUMINOUS SURFACE COURSE-METHOD 1" AS STATED ON PAGE 247 OF THE INTERIM REVISIONS TO THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED MAY 11, 2007.

THIS ITEM OF WORK SHALL CONSIST OF CONSTRUCTING 1 LIFT OF BITUMINOUS SURFACE COURSE (1-1/2" INCH DEPTH) ON THE PROPOSED BITUMINOUS BASE COURSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY CONTROL IN THE PRODUCTION AND CONSTRUCTION OF THE BITUMINOUS SURFACE COURSE.

PRIOR TO STARTING THE BITUMINOUS SURFACE COURSE OPERATION, THE CONTRACTOR SHALL SUBMIT TO THE RESIDENT ENGINEER A DETAILED OUTLINE SHOWING AREAS AND ORDER OF PAVING WIDTHS OF PAVING LANES, AND REQUIRED OFFSETS FOR ELECTRONIC GRADE. NO STRINGLINE GRADE CONTROL WILL BE REQUIRED PROVIDED THE PROPOSED GRADE HAS BEEN ESTABLISHED DURING THE PAVING OF THE BASE COURSE.

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:

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 ADD THE FOLLOWING TO THIS PARAGRAPH:

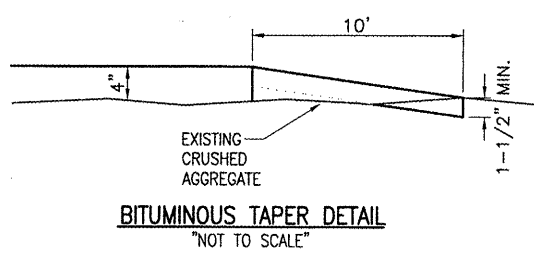
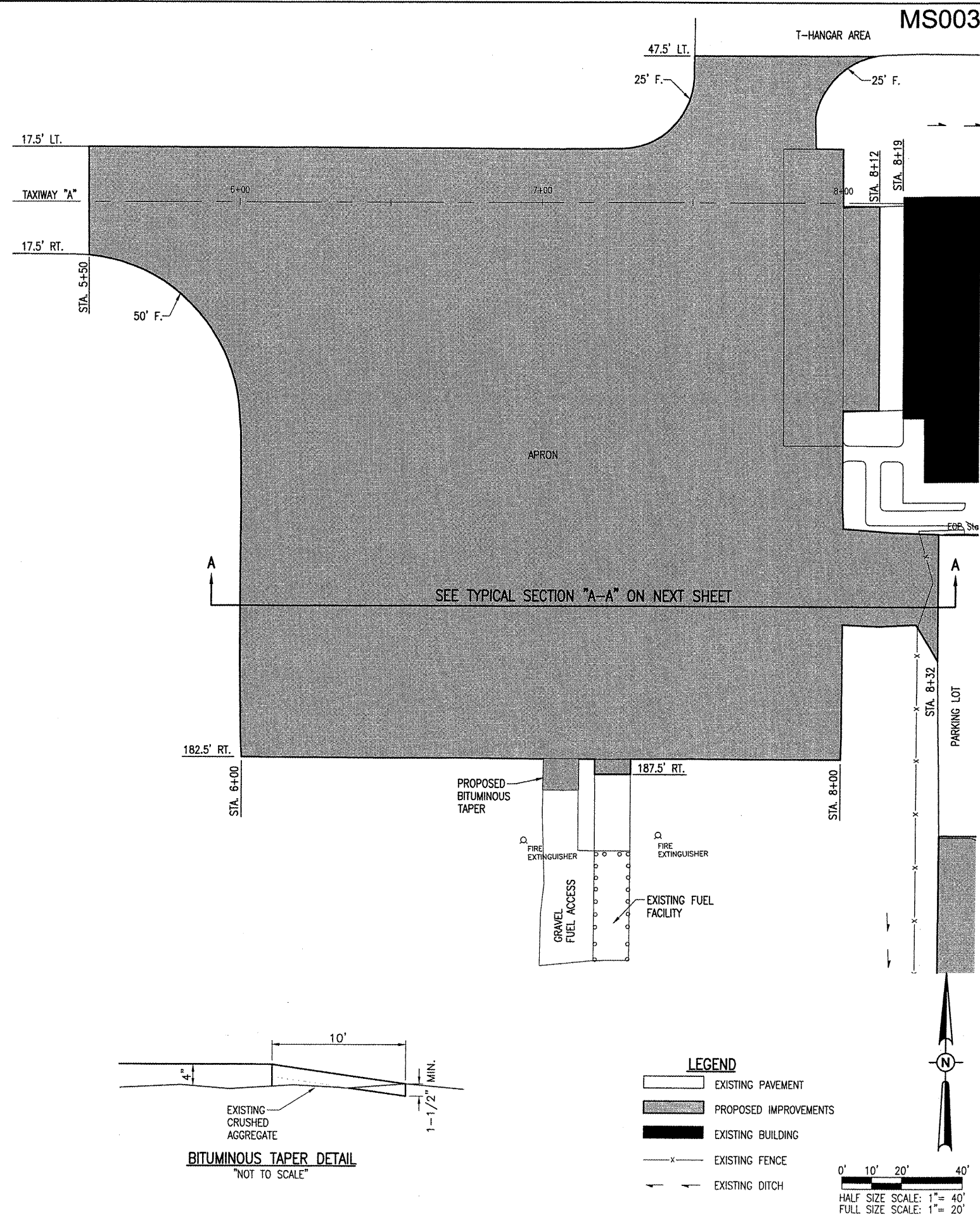
ALL PAVEMENT EDGES (LONGITUDINAL, RADIUS, AND PAVEMENT ENDS) MUST BE LEFT IN PROPER ALIGNMENT AS SHOWN ON THE PLANS. THIS MAY BE ACCOMPLISHED BY THE TRIMMING METHOD OUTLINED ABOVE OR AT THE CONTRACTOR'S OPTION BY SAWING AFTER THE PAVING HAS BEEN COMPLETED. NO ADDITIONAL COMPENSATION WILL BE MADE IF THE 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 PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS SURFACE COURSE. THE PROPOSED BITUMINOUS PAVEMENT SHALL HAVE A TACK COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM:
AR603510 BITUMINOUS TACK COAT _____ PER GAL.

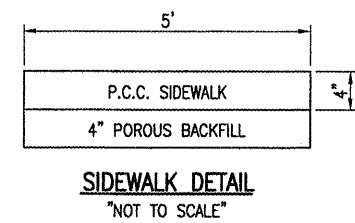
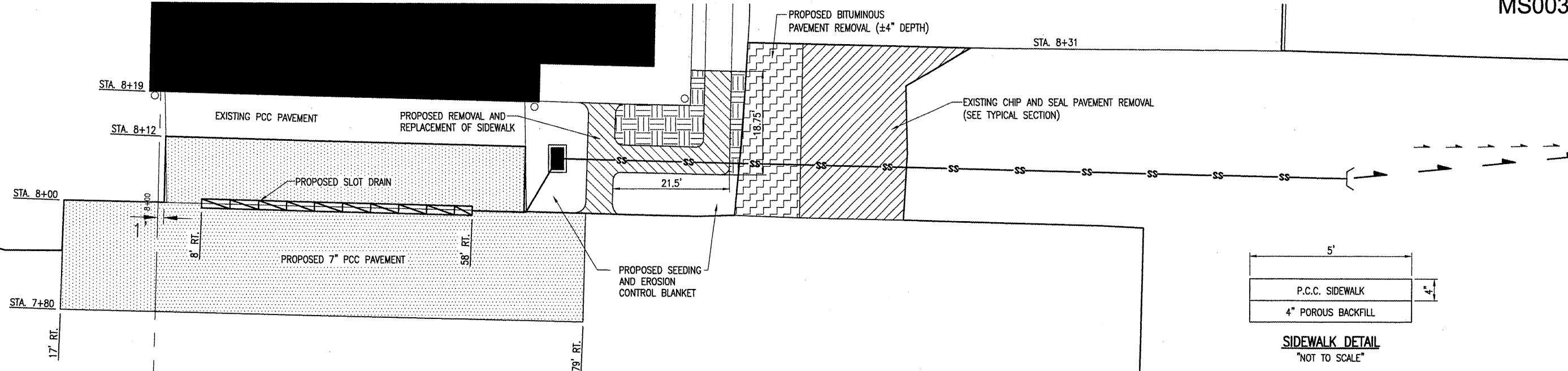


- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED IMPROVEMENTS
 - EXISTING BUILDING
 - EXISTING FENCE
 - EXISTING DITCH

0' 10' 20' 40'
 HALF SIZE SCALE: 1" = 40'
 FULL SIZE SCALE: 1" = 20'

MAY 11, 2008 4:46 PM HAGL000382 I:\AIRPORTS\MTSTERLING\07A0058\CAD\SHEETS\R-121CON.DWG - APRON

<p>DATE: 6/12/08</p> <p>REVISION: REVISED AS PER IDA REVIEW CAH</p>	<p>BY: CAH</p>	<p>ROBERT F. TRACY MUNICIPAL AIRPORT MT. STERLING, ILLINOIS</p>
<p>IL. Project No. 07A0058D_0800</p> <p>Plan No. R-121CON.DWG</p> <p>Scale: 1" = 20'</p> <p>Date: 12/03/07</p>		<p>IL. PROJ.: 163-3715</p> <p>A.I.P. PROJ.: 3-17-0147-B9</p>
<p>LAYOUT: 12/03/07</p> <p>DRAWN: BAK 12/03/07</p> <p>REVIEWED: CAH 04/14/08</p>		<p>HANSON</p> <p>Hanson Professional Services Inc. 1625 S. Main Street Springfield, Illinois 62703-2886 Offices Nationwide</p>
<p>EXPAND AUTO PARKING LOT & OVERLAY APRON</p>		<p>PROPOSED CONSTRUCTION PLAN FOR AIRCRAFT PARKING APRON</p>
<p>5</p> <p>5 of 26 sheets</p>		



REMOVE BITUMINOUS/CHIP AND SEAL PAVEMENT

THE AREA DESIGNATED AS [diagonal hatching] ON THIS SHEET WILL HAVE THE EXISTING BITUMINOUS PAVEMENT REMOVED (FULL DEPTH) TO THE CRUSHED AGGREGATE SUBGRADE. THE SUBGRADE WILL BE GRADED TO ACCOMMODATE THE PROPOSED PAVEMENT DEPTH (4\") AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE AREA DESIGNATED AS [cross-hatching] ON THIS SHEET WILL HAVE THE EXISTING CHIP & SEAL MATERIAL REMOVED AND DISPOSED OF OFF THE AIRPORT SITE. THE CRUSHED AGGREGATE WILL BE REGRADED TO PROVIDE A BASE TO INSTALL THE PROPOSED 4 INCHES OF BITUMINOUS PAVEMENT. ANY EXCESS AGGREGATE MATERIAL WILL BE REMOVED AND DISPOSED OF ONTO THE FUEL ISLAND ACCESS ROAD.

WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET. THE SAWING OF THE PAVEMENT, REMOVAL OF THE PAVEMENT, REMOVAL, REGRADING AND COMPACTION OF THE CRUSHED AGGREGATE WILL BE CONSIDERED AS PART OF THE PROPOSED BITUMINOUS PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR401900 "REMOVE BITUMINOUS PAVEMENT" - PER S.Y.

SIDEWALK REMOVAL AND REPLACEMENT

THE AREAS DESIGNATED AS [diagonal hatching] ON THIS SHEET WILL HAVE THE EXISTING SIDEWALK REMOVED DURING THE 12\"/>

THE EXISTING SIDEWALK WILL BE REMOVED TO THE JOINT (±2\") THAT IS NEAREST TO THE DIMENSIONS SHOWN ON THIS SHEET. OTHERWISE, THE SIDEWALK WILL BE SAWED AT THE DIMENSION SHOWN ON THIS SHEET.

THE SIDEWALK WILL BE REPLACED IN ACCORDANCE WITH THE WIDTHS AND DEPTHS OF THE SIDEWALKS REMOVED AND IN ACCORDANCE WITH THE SPECIFICATIONS.

THE REMOVAL AND DISPOSAL OF THE SIDEWALKS WILL BE CONSIDERED AS AN INCIDENTAL ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

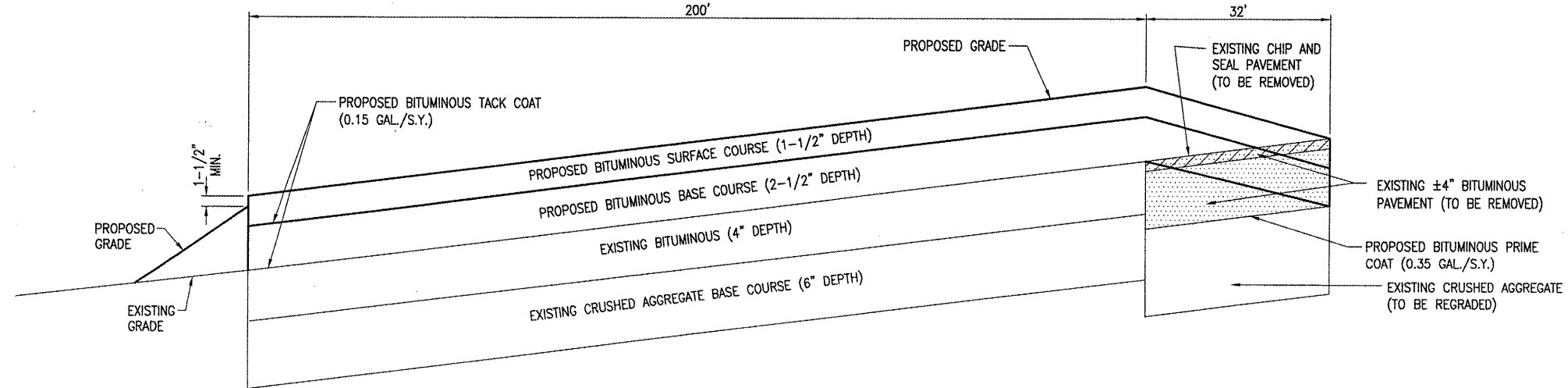
THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR501600 "PCC SIDEWALK" - PER S.F.

602-BITUMINOUS PRIME COAT NOTES:

THE BITUMINOUS PRIME COAT (602) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR602 "BITUMINOUS PRIME COAT" AS STATED ON PAGE 58 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS PRIME COAT SHALL BE PLACED ON THE PROPOSED AGGREGATE BASE COURSE PRIOR TO THE PLACEMENT OF THE FIRST LIFT OF PROPOSED BITUMINOUS BASE COURSE. THE PROPOSED AGGREGATE BASE COURSE SHALL HAVE A PRIME COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

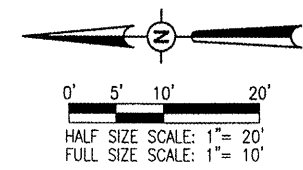
THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM:
AR602510 BITUMINOUS PRIME COAT _____ PER GAL.



TYPICAL SECTION "A-A"
"NOT TO SCALE"

LEGEND

- [Solid line] EXISTING PAVEMENT
- [Dashed line] PROPOSED IMPROVEMENTS
- [Black fill] EXISTING BUILDING
- [Diagonal hatching] EXISTING CHIP AND SEAL PAVEMENT (TO BE REMOVED)
- [Cross-hatching] EXISTING ±4\"/>
- [Decorative pattern] PROPOSED DECORATIVE ROCK
- [Dotted pattern] PROPOSED 7\"/>
- [Hatched pattern] PROPOSED REMOVAL AND REPLACEMENT OF SIDEWALK
- [Line with 'S'] PROPOSED SLOT DRAIN
- [Line with 'SS'] PROPOSED CMP
- [Arrow] EXISTING DRAINAGE DITCH
- [Arrow] PROPOSED DRAINAGE DITCH
- [Circle] EXISTING DOWNSPOUT
- [Square] PROPOSED BEEHIVE INLET
- [Bracket] PROPOSED HEADWALL



DATE	REVISION	BY

ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS

AL.P. PROJ.: 3-17-0147-89
IL. PROJ.: 163-3715

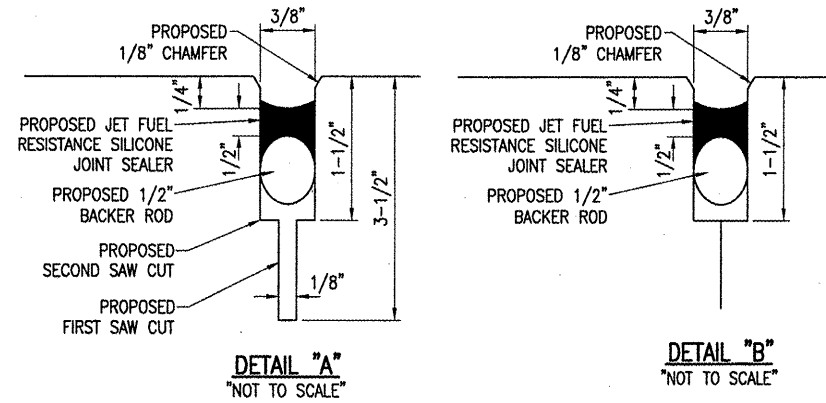
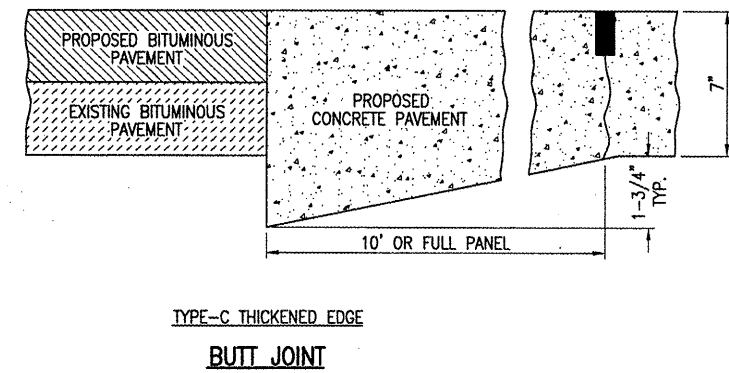
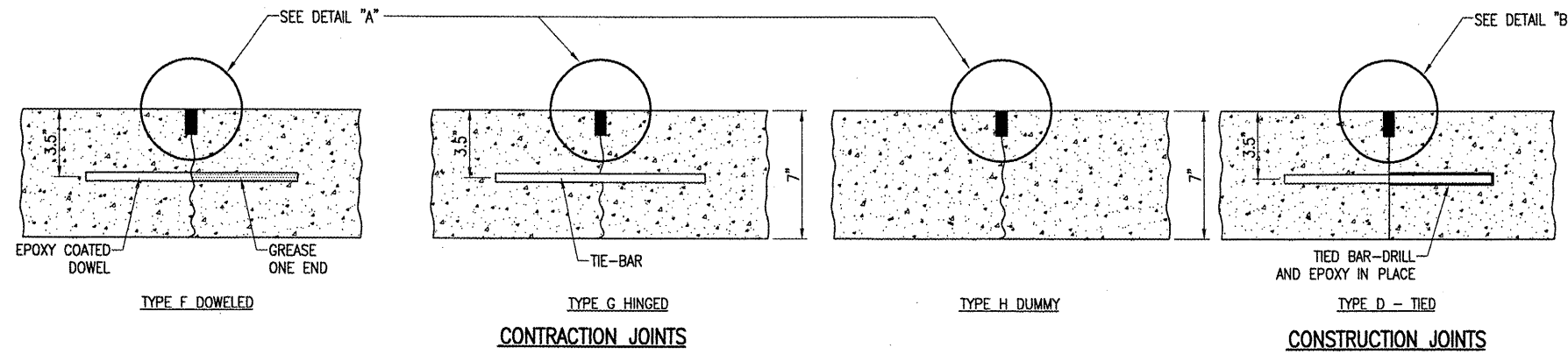
HB Project No. 07A00580.0800	11/30/07
Revision R-123CON.DWG	11/30/07
Scale 1" = 10'	11/30/07
Date 11/30/07	04/14/08
LAYOUT	KOM
DRAWN	BAK
REVIEWED	CAH



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1626 South Sixth Street
Springfield, IL 62766
Offices Nationwide

EXPAND AUTO PARKING
LOT & OVERLAY APRON
PROPOSED
CONSTRUCTION
DETAILS

MAY 11, 2008 4:47 PM HAGL000382
I:\AIRPORTS\MTSTERLING\07A0058\CAD\SHEETS\R-123CON.DWG - Layout1



JOINTING NOTES

ALL EXPOSED JOINT EDGES SHALL BE EDGED WITH AN APPROVED TOOL HAVING A RADIUS OF 1/4" OR STONED TO PRODUCE THE 1/8" CHAMFER.

ALL LONGITUDINAL AND TRANSVERSE CONTRACTION AND CONSTRUCTION JOINTS SHALL BE SAWED.

ALL DOWEL BARS SHALL BE SECURELY HELD IN PLACE BY MEANS OF A DOWEL BAR ASSEMBLY WHICH WILL INSURE THAT THEY WILL REMAIN PARALLEL TO THE SURFACE OF THE PAVEMENT AND TO THE CENTERLINES OF THE PAVEMENT LANES. THE DOWEL BAR ASSEMBLIES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. DOWELS FOR THE 7" PAVEMENT SHALL BE 3/4" DIA., 18" LENGTH AND 12" SPACING.

ALL TIE-BARS SHALL BE SECURELY HELD IN PLACE BY SUPPORT PINS OR OTHER METHODS TO PREVENT SHIFTING DURING AND AFTER CONCRETE PLACEMENT. SUPPORT PINS SHALL BE OF SUFFICIENT LENGTH TO PENETRATE AT LEAST 6" INTO THE SUBGRADE.

ALL TIE-BARS SHALL BE PLACED AT A POINT NOT EXCEEDING 15" OR CLOSER THAN 6" FROM A TRANSVERSE, CONTRACTION, EXPANSION, OR CONSTRUCTION JOINT AND SPACED 30" ON CENTERS AND SHALL BE NO. 5 DEFORMED BARS, 30" IN LENGTH. TIE-BARS DRILLED AND EPOXIED INTO THE EXISTING CONCRETE SHALL BE 18" IN LENGTH.

DOWELS IN TRANSVERSE, CONTRACTION, AND CONSTRUCTION JOINTS SHALL BE EPOXY COATED AND HALF THE LENGTH GREASED WITH A HEAVY GREASE.

ALLOWABLE TOLERANCES FOR GROOVE DEPTH WILL BE +1/8" FOR CONSTRUCTION JOINTS AND +1/4" FOR CONTRACTION JOINTS.

DOWELS AND TIE-BARS LOCATED IN THE CONSTRUCTION JOINTS WILL BE DRILLED AND EPOXY IN PLACE. THE EPOXY MATERIAL MUST BE APPROVED BY THE ILLINOIS DIVISION OF AERONAUTICS.

THE COST OF ALL DOWEL BARS, TIE-BARS, SAWING AND SEALING SHALL BE INCLUDED IN THE COST OF THE P.C.C. PAVEMENT.

PRIOR TO PLACING ADJACENT PAVEMENT SECTIONS, THE VERTICAL EDGE SHALL BE CHECKED FOR TRUENESS IF THE FACE IS BURRED OR IRREGULAR, THE CONTRACTOR SHALL GRIND, STONE OR SAW THE FACE A MINIMUM OF 2" IN DEPTH TO PRODUCE A SMOOTH AND STRAIGHT EDGE.

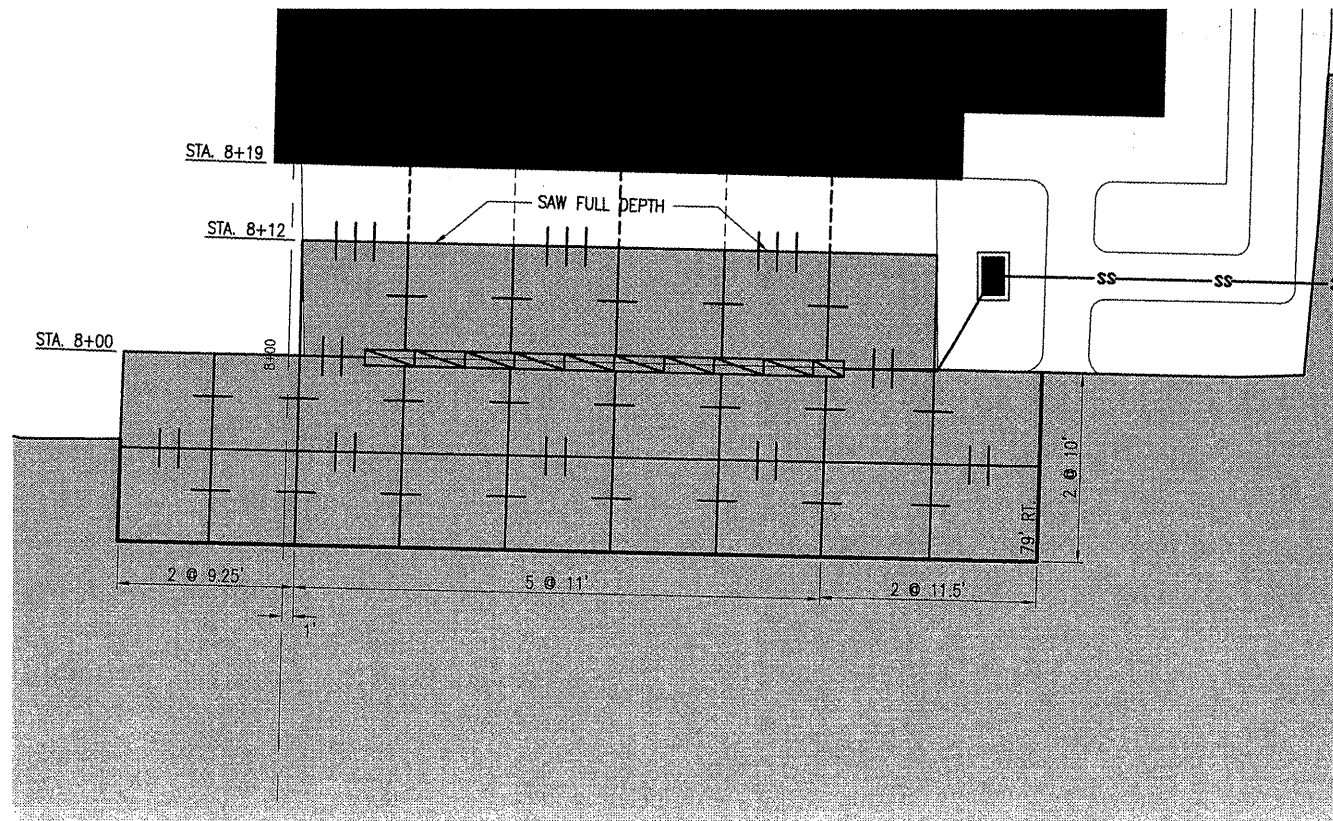
JOINT SEALANT SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS ITEM 501-2.5.

CURING COMPOUND WILL BE AS SPECIFIED IN THE SPECIFICATIONS, ITEM 501-3.17 AND SHALL BE APPROVED PRIOR TO THE PAVING OPERATION BY THE ENGINEER.

ALL NON-ALIGNED EDGES WILL BE SAWED FULL DEPTH.

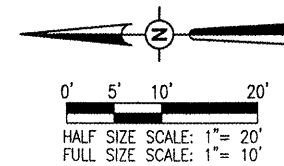
JOINTING NOTE

THE REMAINING PORTION THE HANGAR DOOR APPROACH (STA. 8+12 TO STA. 8+19) HAS SOME JOINTS INSTALLED. THE CONTRACTOR WILL SAW THESE JOINTS AND THE ADDITIONAL JOINTS AS SHOWN ON THIS SHEET. THE CONTRACTOR WILL CHAMFER AND SEAL THESE JOINTS WITH THE OTHER JOINTS INSTALLED ON THE PROPOSED PAVEMENT. THIS WORK WILL BE PART OF THE 7" PCC PAVEMENT INSTALLATION AND NO OTHER COMPENSATION WILL BE ALLOWED.



LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING BUILDING
- PROPOSED SLOT DRAIN
- PROPOSED CMP
- PROPOSED BEEHIVE INLET
- EXISTING JOINT (TO BE RESAWED AND SEALED 1-1/2")
- PROPOSED JOINT (TO BE SAWED & SEALED 1-1/2")
- PROPOSED TYPE F CONTRACTION JOINT
- PROPOSED TYPE G CONTRACTION JOINT
- PROPOSED TYPE D CONSTRUCTION JOINT



BY										
REVISION										
DATE										
<p>ROBERT F. TRACY MUNICIPAL AIRPORT MT. STERLING, ILLINOIS</p> <p>IL PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-BB</p>										
<p>HEL Project No. 07A0058D_0800 Filename R-161JNT.DWG Scale 1"=10' Date 11/30/07</p> <table border="1"> <tr> <td>LAYOUT</td> <td>KDM</td> <td>11/30/07</td> </tr> <tr> <td>DRAWN</td> <td>BAK</td> <td>11/30/07</td> </tr> <tr> <td>REVIEWED</td> <td>CAH</td> <td>xx/xx/xx</td> </tr> </table>	LAYOUT	KDM	11/30/07	DRAWN	BAK	11/30/07	REVIEWED	CAH	xx/xx/xx	<p>HANSON Hanson Professional Services Inc. 1225 S. Illinois Springfield, Illinois 62703-2896 Offices Nationwide</p>
LAYOUT	KDM	11/30/07								
DRAWN	BAK	11/30/07								
REVIEWED	CAH	xx/xx/xx								
<p>EXPAND AUTO PARKING LOT & OVERLAY APRON</p> <p>PROPOSED JOINTING PLAN AND DETAILS</p>										
<p>7</p> <p>7 of 25 sheets</p>										

BITUMINOUS PAVEMENT MILLING

THE AREA(S) DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL BE CUT OR TRIMMED FROM A DEPTH OF 1-1/2" AT THE BUTT JOINT TO 0" AS SHOWN. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO-MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE STANDARD SPECIFICATIONS.

IF A SQUARE STRAIGHT EDGE IS NOT OBTAINED FROM THE MILLING OPERATION THE EXISTING PAVEMENT WILL BE SAWS AS SHOWN ON THIS SHEET. SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT MILLING AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL 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.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR401650 "BITUMINOUS PAVEMENT MILLING" - PER S.Y.

REMOVE BITUMINOUS PAVEMENT

THE AREAS DESIGNATED AS [Hatched Pattern] ON THIS SHEET WILL HAVE THE EXISTING BITUMINOUS PAVEMENT REMOVED TO THE AGGREGATE SUB-BASE. THE SUB-BASE WILL BE GRADED TO ACCOMMODATE THE PROPOSED PAVEMENT DEPTH AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. ALL EXCESS MATERIAL WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE. ANY ADDITIONAL CA-6 MATERIAL REQUIRED WILL BE INCIDENTAL TO THE BITUMINOUS PAVEMENT REMOVAL.

WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWS AS SHOWN ON THIS SHEET. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED BITUMINOUS PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR401900 "REMOVE BITUMINOUS PAVEMENT" - PER S.Y.

REMOVE PCC PAVEMENT

THE AREA DESIGNATED AS [Dotted Pattern] ON THIS SHEET WILL HAVE THE EXISTING PCC PAVEMENT REMOVED TO THE AGGREGATE SUB-BASE. THE SUB-BASE WILL BE GRADED TO ACCOMMODATE THE PROPOSED PAVEMENT DEPTH AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. ALL EXCESS MATERIAL WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE. ANY ADDITIONAL CA-6 MATERIAL REQUIRED WILL BE INCIDENTAL TO THE PCC PAVEMENT REMOVAL.

WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWS AS SHOWN ON THIS SHEET. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PCC PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR501900 "REMOVE PCC PAVEMENT" - PER S.Y.

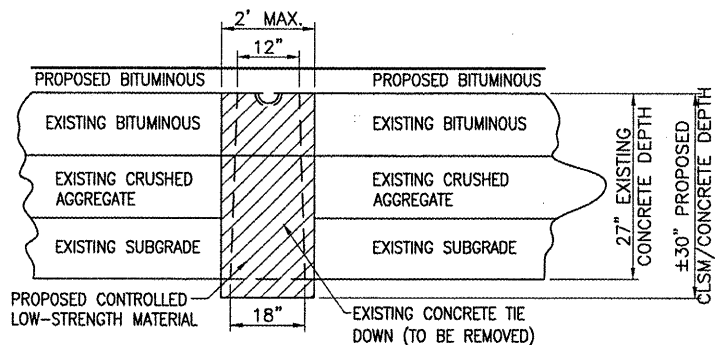
TIE-DOWN REMOVAL NOTES

THE EXISTING TIE DOWNS DESIGNATED TO BE REMOVED WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE.

THE CONTRACTOR WILL EXCAVATE AROUND THE PERIMETER OF THE TIE DOWNS TO BE REMOVED PRIOR TO REMOVING THE TIE DOWN STRUCTURES. ANY DISPLACEMENT/DAMAGE TO THE SURROUNDING PAVEMENT WILL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER.

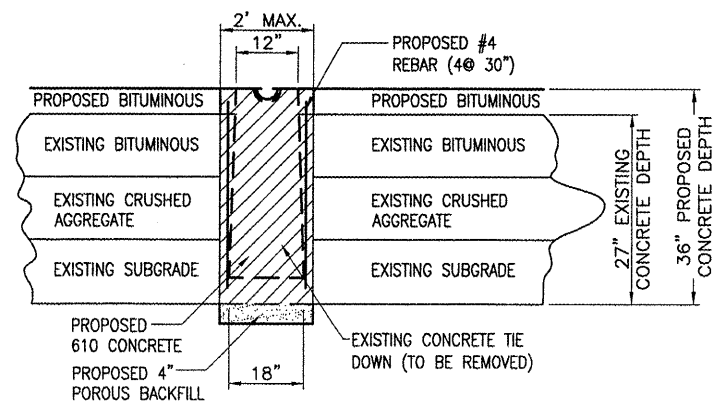
THE CONTRACTOR WILL FILL THE REMAINING HOLE WITH EITHER CLSM OR 610 CONCRETE FLUSH WITH THE EXISTING GRADE.

THE REMOVAL AND DISPOSAL OF THE TIE DOWNS AND FILLING OF THE HOLES WITH CLSM OR CONCRETE WILL BE PAID FOR UNDER ITEM:
AR510900 "REMOVE TIE DOWN" - PER EA.



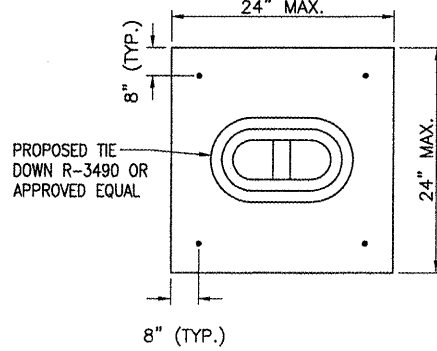
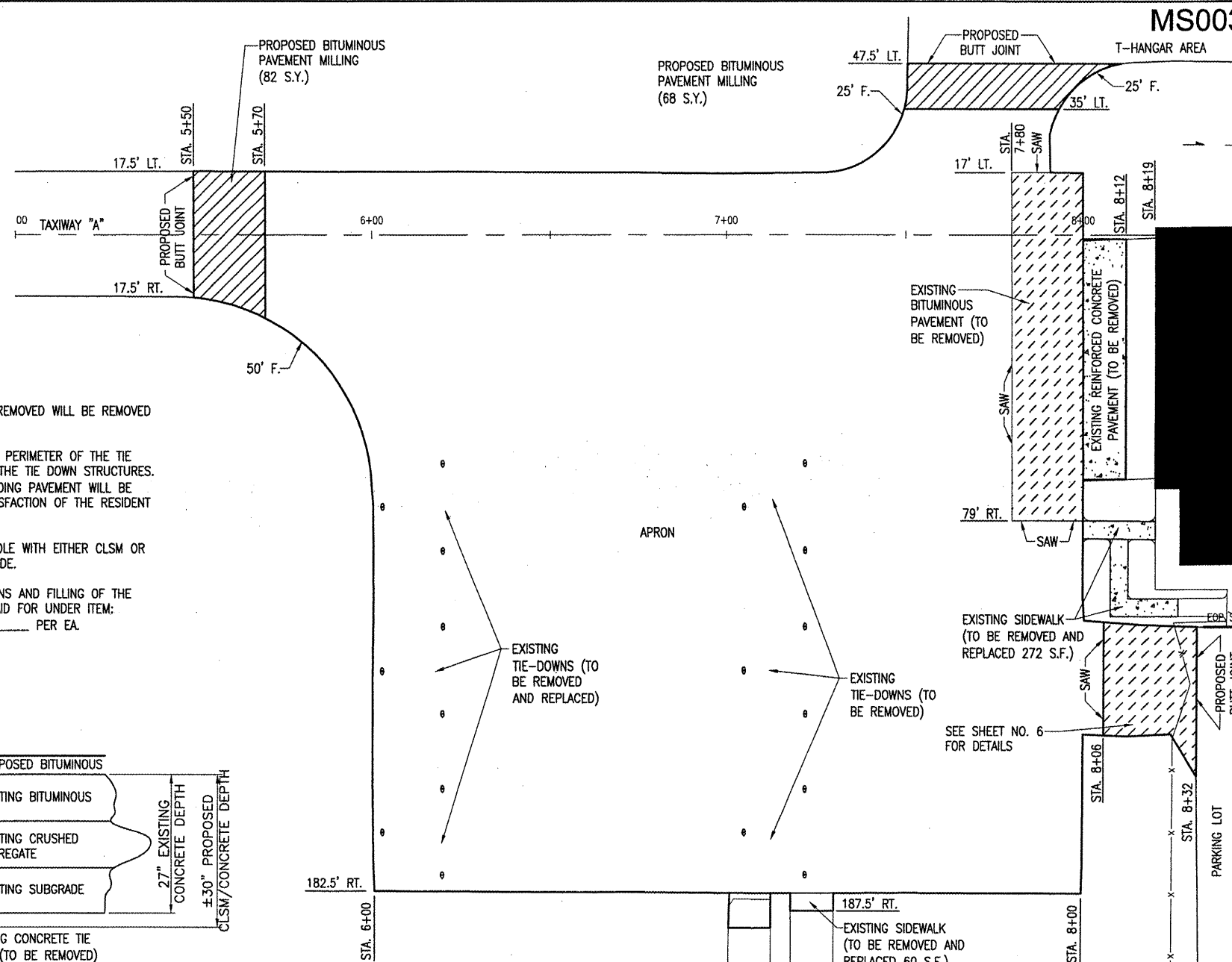
TIE-DOWN REMOVAL DETAIL

"NOT TO SCALE"



TIE-DOWN REMOVAL AND REPLACEMENT DETAIL

"NOT TO SCALE"

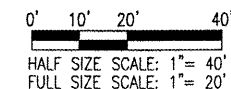


TIE-DOWN DETAIL

"NOT TO SCALE"

LEGEND

- [White Box] EXISTING PAVEMENT
- [Grey Box] PROPOSED IMPROVEMENTS
- [Black Box] EXISTING BUILDING
- [Hatched Box] EXISTING BITUMINOUS PAVEMENT (TO BE REMOVED)
- [Dotted Box] EXISTING REINFORCED CONCRETE PAVEMENT (TO BE REMOVED)
- [Line with X] EXISTING FENCE
- [Arrow] EXISTING DITCH
- [Circle with Dot] EXISTING TIE-DOWN



BY	REVISION	DATE

**ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS**

IL PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

Project No. 07A0058D.0600	12/03/07
Drawn R-111PRE.DWG	12/03/07
Scale 1" = 20'	12/03/07
Date 12/03/07	4/14/08
LAYOUT	KOM
DRAWN	BAK
REVIEWED	CAH

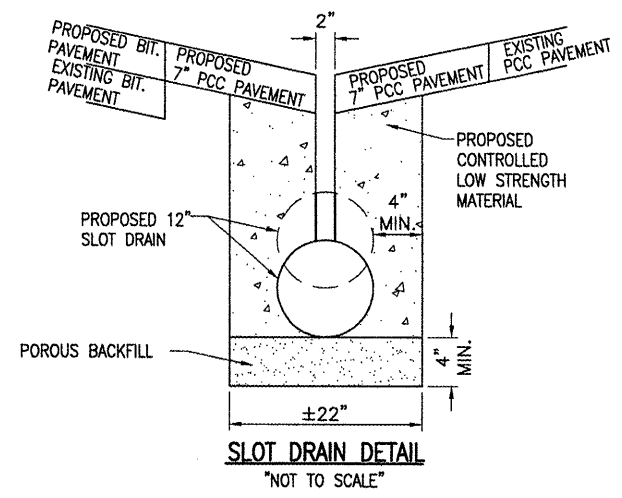
HANSON

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1925 South Sixth Street
Springfield, Illinois 62705-2888
Offices Nationwide

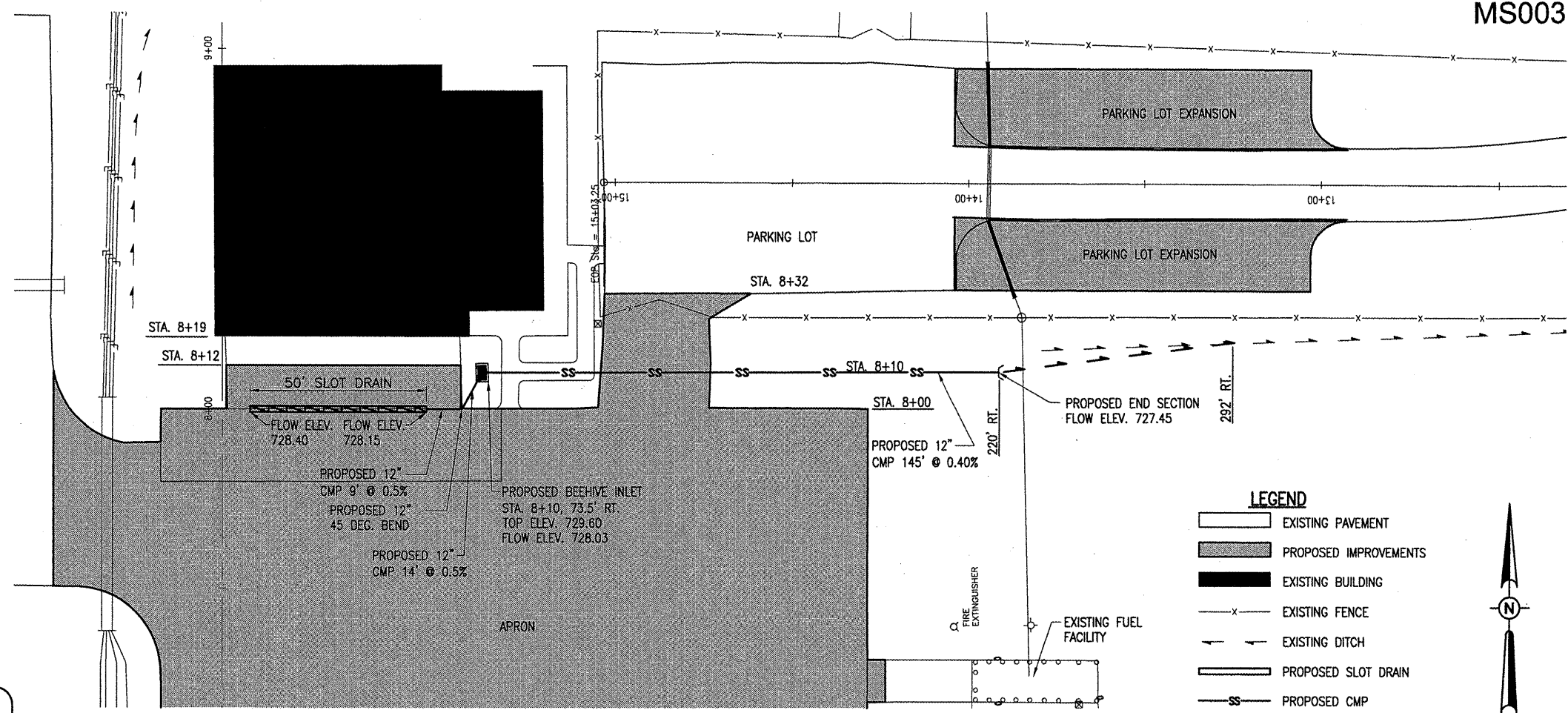
EXPAND AUTO PARKING LOT & OVERLAY APRON

PROPOSED PAVEMENT PREPARATION PLAN FOR AIRCRAFT PARKING APRON

MAY 11, 2008 4:48 PM HAGL000382 I:\AIRPORTS\MTSTERLING\07A0058\CAD\SHEETS\111PRE.DWG - APRON



POROUS BACKFILL NOTE
 POROUS BACKFILL NO. 1 MATERIAL SHALL CONFORM TO THE REQUIREMENTS FOR IDOT CA-7, CA-14 OR CA-16.



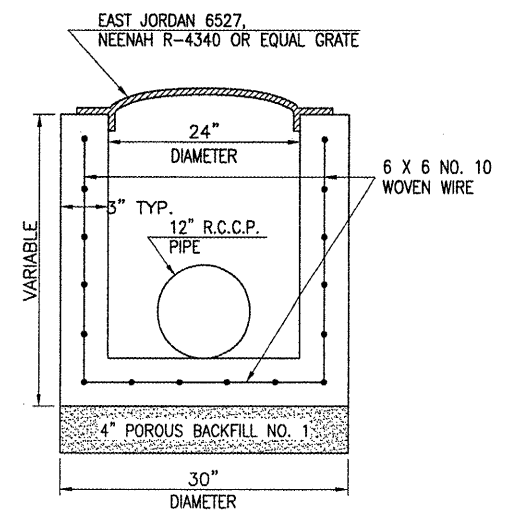
- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED IMPROVEMENTS
 - EXISTING BUILDING
 - EXISTING FENCE
 - EXISTING DITCH
 - PROPOSED SLOT DRAIN
 - PROPOSED CMP
 - PROPOSED DITCH
 - PROPOSED TYPE D INLET
 - PROPOSED HEADWALL

SCALES
 1" = 20' HORIZONTAL
 1" = 1' VERTICAL

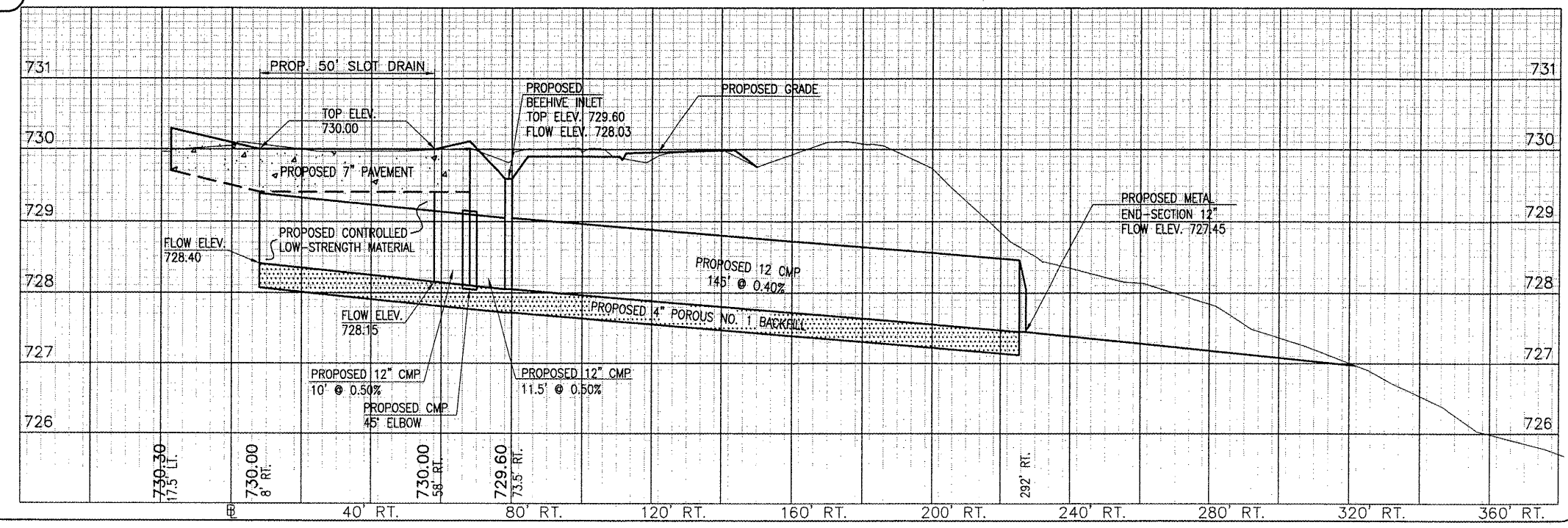
THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

PIPE BACKFILL NOTE
 ALL THE CMP BEYOND THE SLOT DRAIN WILL BE BACKFILLED WITH CONSOLIDATED POROUS BACKFILL HALFWAY UP THE DIAMETER OF THE PIPE. THE REMAINDER OF THE TRENCH WILL BE BACKFILLED WITH SELECT EXCAVATED MATERIAL. ALL CMP UNDER AND 5' FEET BEYOND THE PAVEMENT OR SIDEWALK WILL BE BACKFILLED FROM HALFWAY UP THE DIAMETER OF THE PIPE TO THE PAVEMENT/SIDEWALK SUBGRADE WITH CONSOLIDATED CA-7.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.



PROPOSED TYPE D INLET
 IDOT STANDARD 1538-6



DATE	REVISION	BY
5/12/08	REVISED AS PER IDA REVIEW	CAH

**ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS**

IL PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

HEL Project No. 07A00580_0800	12/03/07
Drawn R-701ENP.DWG	12/03/07
Scale H, T = 20' V, I = 1'	12/03/07
Date 12/03/07	4/14/08
LAYOUT	KDM
DRAWN	BAK
REVIEWED	CAH



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 Offices Nationwide

**EXPAND AUTO PARKING
 LOT & OVERLAY APRON**
 PROPOSED
 DRAINAGE
 PLAN AND PROFILE

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 SEEDDED IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDDED 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 SEEDDED 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 ITEM:
AR901510 SEEDING _____ PER ACRE

EROSION CONTROL BLANKET NOTES

AN EROSION CONTROL BLANKET WILL BE INSTALLED OVER THE PROPOSED GRADING AND SEEDING LIMITS AS SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM
AR156531 "EROSION CONTROL BLANKET" _____ PER S.Y.

DITCH CONSTRUCTION NOTE

THE PROPOSED DITCH WILL BE GRADED AS SHOWN ON THIS SHEET AND THE DITCH DETAIL. THE EXISTING SWALE/DITCH FROM 200' RIGHT WILL BE SMOOTH GRADED TO THE PROPOSED DITCH PROVIDING A SINGLE DITCH FROM THIS INTERSECTION POINT TO THE EXISTING DITCH(292' RT.). TEN (10) C.Y. OF EXCESS MATERIAL WILL BE USED FROM THE DITCH EXCAVATION FOR THE ADDITIONAL FILL REQUIRED FOR THE EARTH FILLETS ALONG THE APRON EDGE.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM
AR1524410 "UNCLASSIFIED EXCAVATION" _____ PER C.Y.

UNCLASSIFIED EXCAVATION NOTE

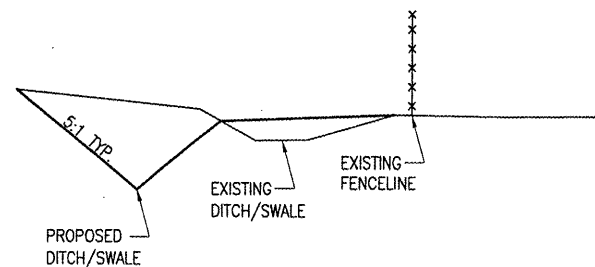
THE PROPOSED PARKING LOT EXPANSION HAS AN EXCESS OF UNCLASSIFIED EXCAVATION (70 C.Y.). THIS UNCLASSIFIED EXCAVATION ALONG WITH THE EXCESS UNCLASSIFIED EXCAVATION FROM THE DITCH REGRADING (10 C.Y.) WILL BE THOROUGHLY PULVERIZED AND USED FOR THE EARTH FILLETS ALONG THE SHOULDERS OF THE APRON OVERLAY. THESE SHOULDER FILLETS WILL REQUIRE LIGHT COMPACTIVE EFFORTS TO SATISFACTION OF RESIDENT ENGINEER TO INSURE STABLE PLACEMENT OF THE MATERIAL, YET ALLOW FOR SEED GERMINATION.

PRIOR TO PLACING THIS UNCLASSIFIED EXCAVATION THE EXISTING SOD WILL BE THOROUGHLY DISCED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THIS SOD DISCING ALONG WITH THE PLACEMENT AND GRADING WILL BE PART OF THE UNCLASSIFIED EXCAVATION WORK ITEM AND NO OTHER COMPENSATION WILL BE ALLOWED.

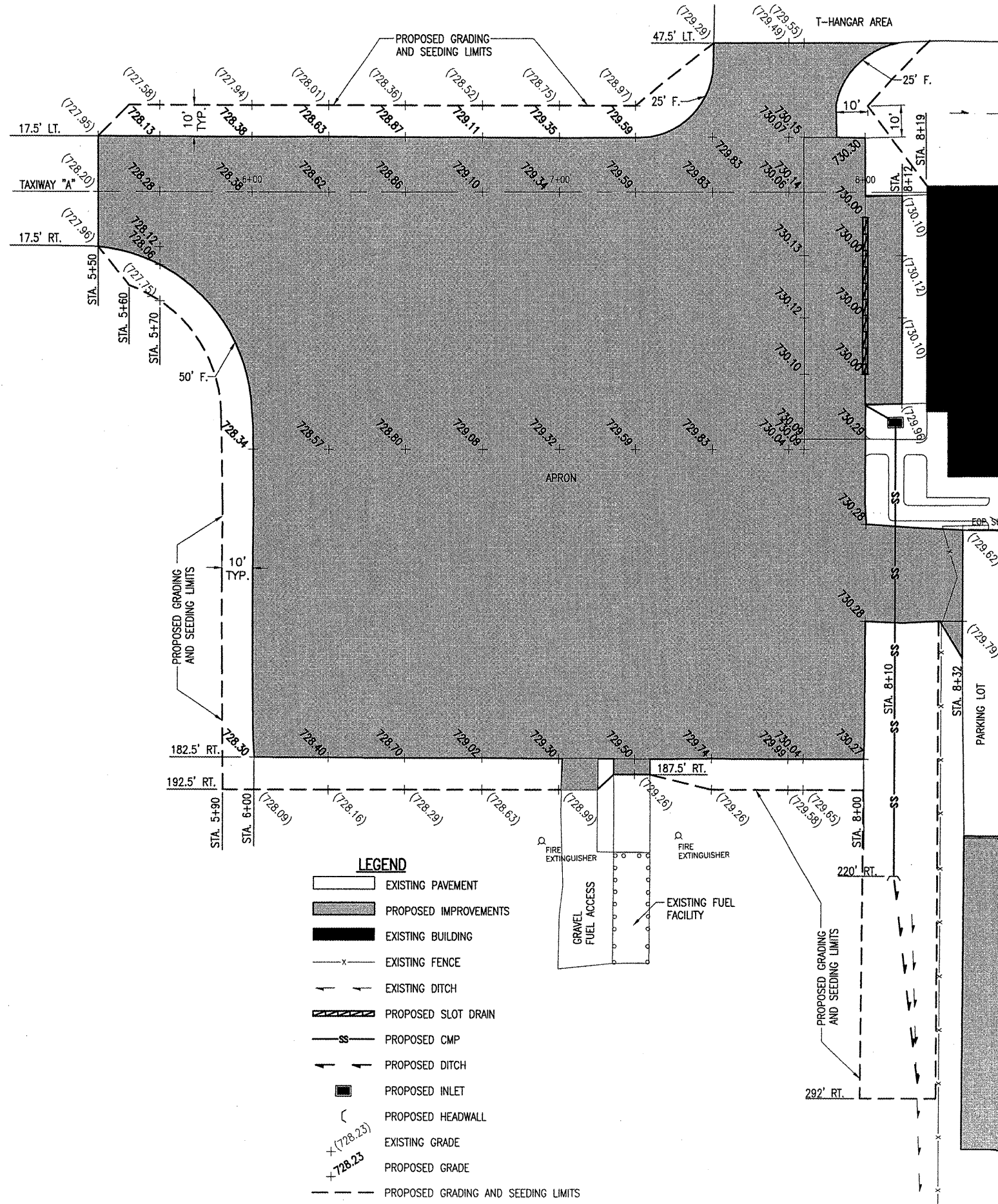
THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM
AR1524410 "UNCLASSIFIED EXCAVATION" _____ PER C.Y.

UNCLASSIFIED EXCAVATION QUANTITIES

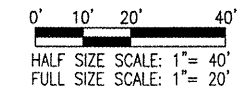
DESCRIPTION	CUT	SHRINKAGE FACTOR	FILL	FILL REQ.	EXCESS UNC. EX.
PARKING LOT EXPANSION	120	1.5	33	50	70
APRON OVERLAY	0	1.5	51	77	-77
EXCESS FROM DITCH REGRADING	10				10
TOTALS	130		130	127	3



DITCH DETAIL
"NOT TO SCALE"



- LEGEND**
- [Symbol] EXISTING PAVEMENT
 - [Symbol] PROPOSED IMPROVEMENTS
 - [Symbol] EXISTING BUILDING
 - [Symbol] EXISTING FENCE
 - [Symbol] EXISTING DITCH
 - [Symbol] PROPOSED SLOT DRAIN
 - [Symbol] PROPOSED CMP
 - [Symbol] PROPOSED DITCH
 - [Symbol] PROPOSED INLET
 - [Symbol] PROPOSED HEADWALL
 - [Symbol] EXISTING GRADE
 - [Symbol] PROPOSED GRADE
 - [Symbol] PROPOSED GRADING AND SEEDING LIMITS



MS003

DATE	REVISION	BY

ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS

IL PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

REL. Project No. 07A0058D_0800	FILENAME: R-191STK.DWG	DATE: 12/03/07
Scale: 1" = 20'	LAYOUT: KDM	12/03/07
DATE: 12/03/07	DRAWN: BAK	12/03/07
	REVIEWED: CAH	4/14/08

HANSON

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1626 South Sixth Street
Springfield, IL 62768
Offices Nationwide

EXPAND AUTO PARKING LOT & OVERLAY APRON

PROPOSED STAKING PLAN FOR AIRCRAFT PARKING APRON

MAY 11, 2008 4:52 PM HAGL000382 I:\AIRPORTS\MTSTERLING\07A0058\CAD\SHEETS\R-191STK.DWG - APRON

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 AND TIE DOWN MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL TAXIWAY AND APRON MARKING WILL BE YELLOW IN COLOR. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

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 CURING COMPOUND WILL BE CLEANED FROM CONCRETE PAVEMENT PRIOR TO APPLYING PAINT. NO EXCEPTIONS.

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 OF YELLOW PAINT.

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

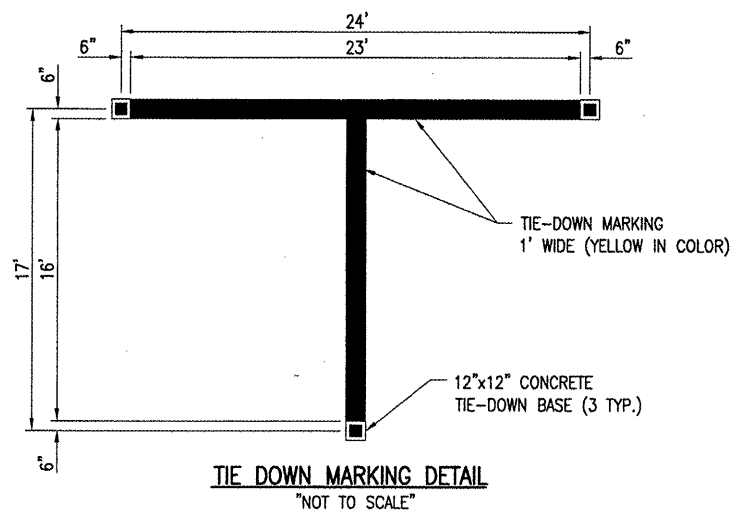
THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 PAVEMENT MARKING-WATERBORNE ___ PER S.F.

TAR EMULSION SEAL COAT

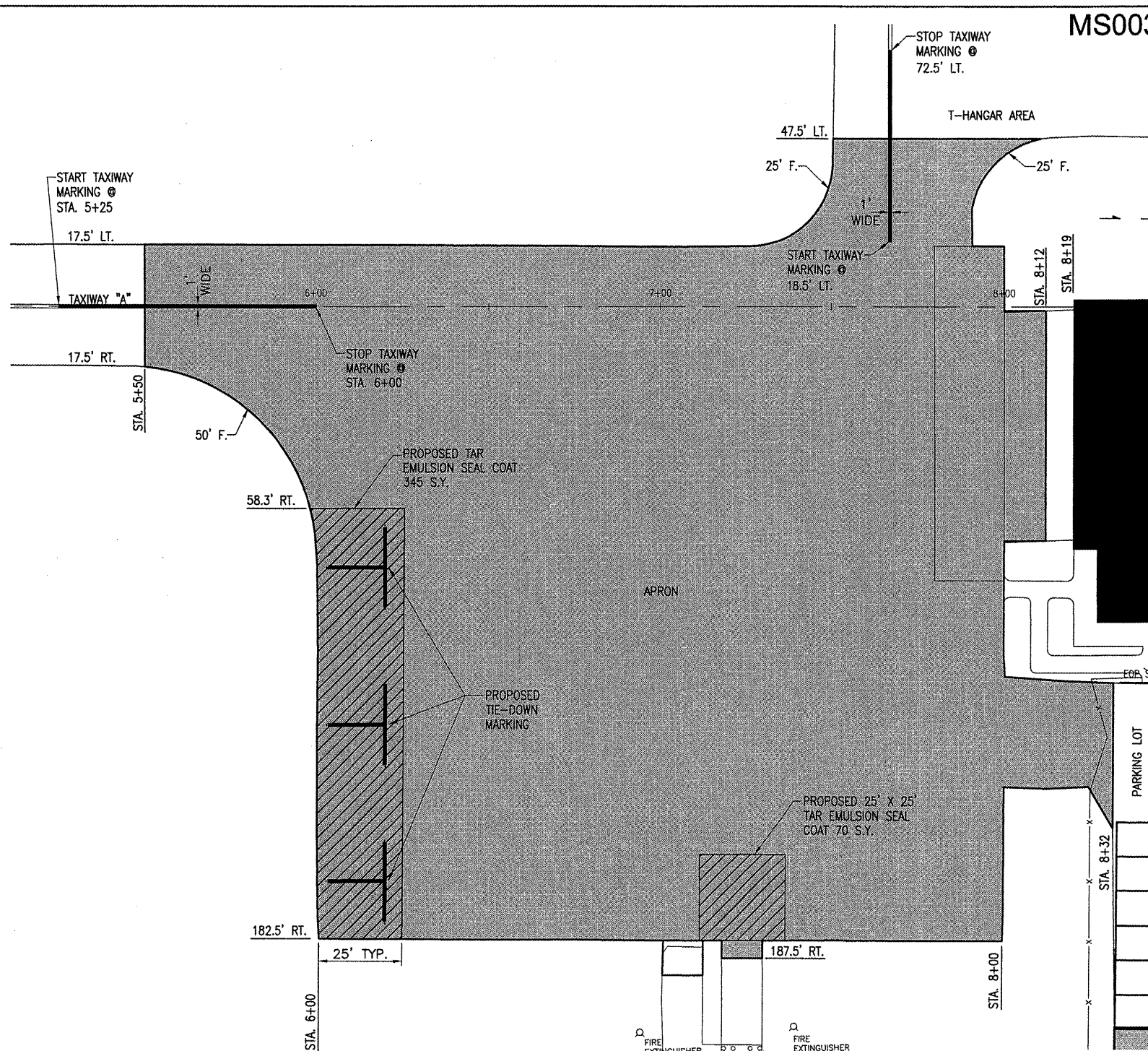
THIS ITEM OF WORK SHALL CONSIST OF THE APPLICATION OF TWO COATS OF TAR EMULSION SEAL COAT ON A PREPARED ASPHALT SURFACE. THE AREA TO RECEIVE THE SEAL COAT IS AS DETAILED ON THIS SHEET. THE CONTRACTOR WILL BE REQUIRED TO REMOVE ANY MATERIAL THAT IS SPLASHED OR SPRAYED ON ANY/OR ALL BUILDINGS OR CONCRETE.

THE SEAL COAT MIXTURE AND APPLICATION SHALL BE IN ACCORDANCE WITH ITEM 625 "TAR EMULSION PROTECTIVE SEAL COAT" AS STATED ON PAGE 88 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR625510 "TAR EMULSION SEAL COAT" - PER S.Y.



MARKING QUANTITIES			
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
TIE-DOWN MARKING	39	3	117
TAXIWAY CENTERLINE	129	1	129
TOTAL YELLOW			246
TOTAL MARKING			246



LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING BUILDING
- PROPOSED TAR EMULSION SEAL COAT
- EXISTING FENCE
- EXISTING DITCH
- EXISTING MARKING
- PROPOSED MARKING
- PROPOSED TIE-DOWNS

HALF SIZE SCALE: 1" = 40'
FULL SIZE SCALE: 1" = 20'

MS003

BY	REVISION	DATE

ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS

IL. PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

HEL Project No. 07A0058D.0800	EL Project No. R-151MRK.DWG	LAYOUT	KDM	12/03/07
Scale 1" = 20'	Date 12/03/07	DRAWN	BAK	12/03/07
		REVIEWED	CAH	04/14/08

Hanson Professional Services Inc.
626 South State Street
Springfield, Illinois 62760

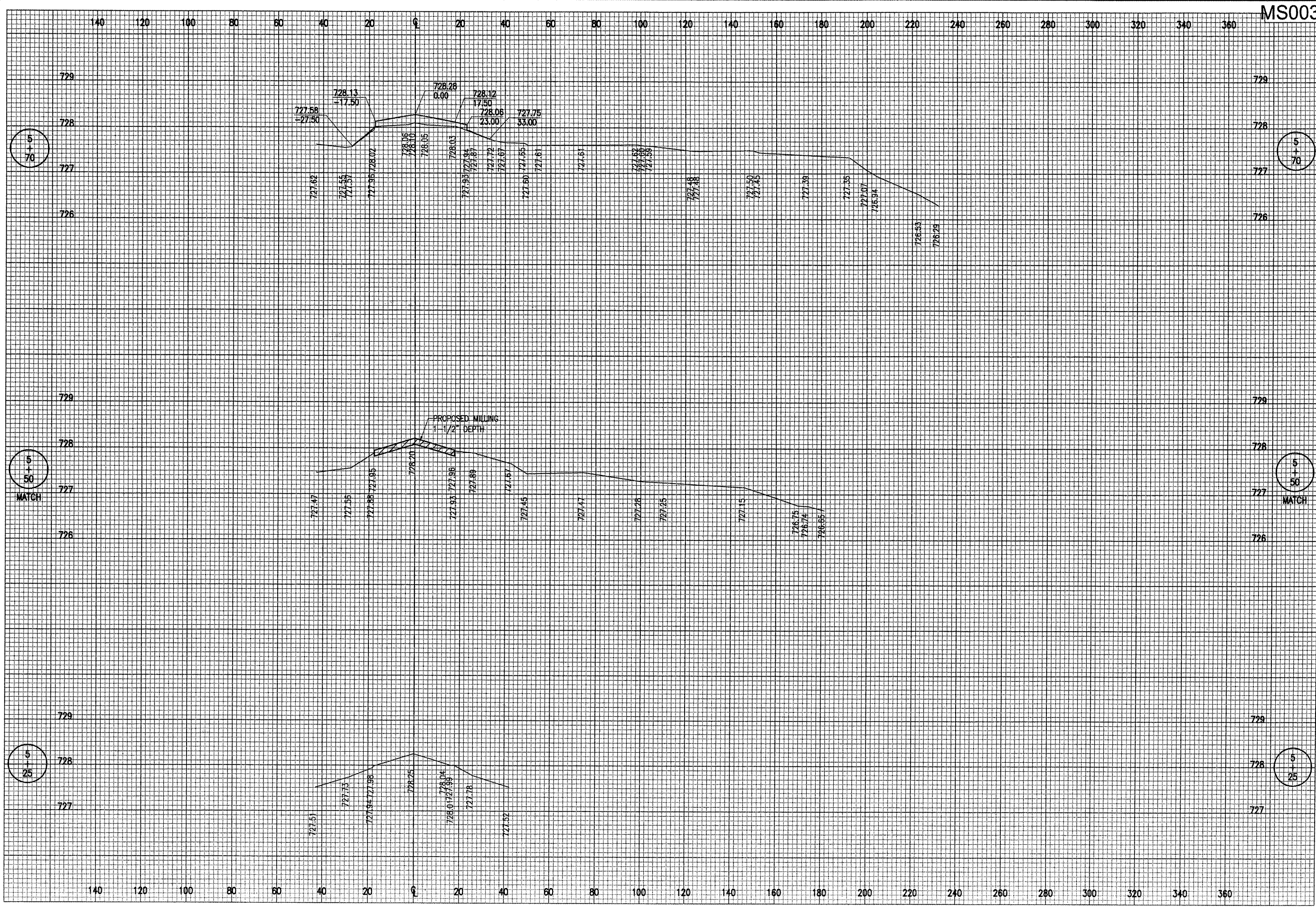
EXPAND AUTO PARKING LOT & OVERLAY APRON

PROPOSED MARKING PLAN FOR AIRCRAFT PARKING APRON

MAY 11, 2008 4:53 PM HAGL000362 I:\AIRPORTS\MSTERLING\07A0058\CAD\SHETS\R-151MRK.DWG - APRON

MAY 11, 2008 4:54 PM HAGL000382
 I:\AIRPORTS\MTSTERLING\07A0058\CAD\SHEETS\R-301XS-APN.DWG - Model

MS003



DATE	REVISION	BY

**ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS**

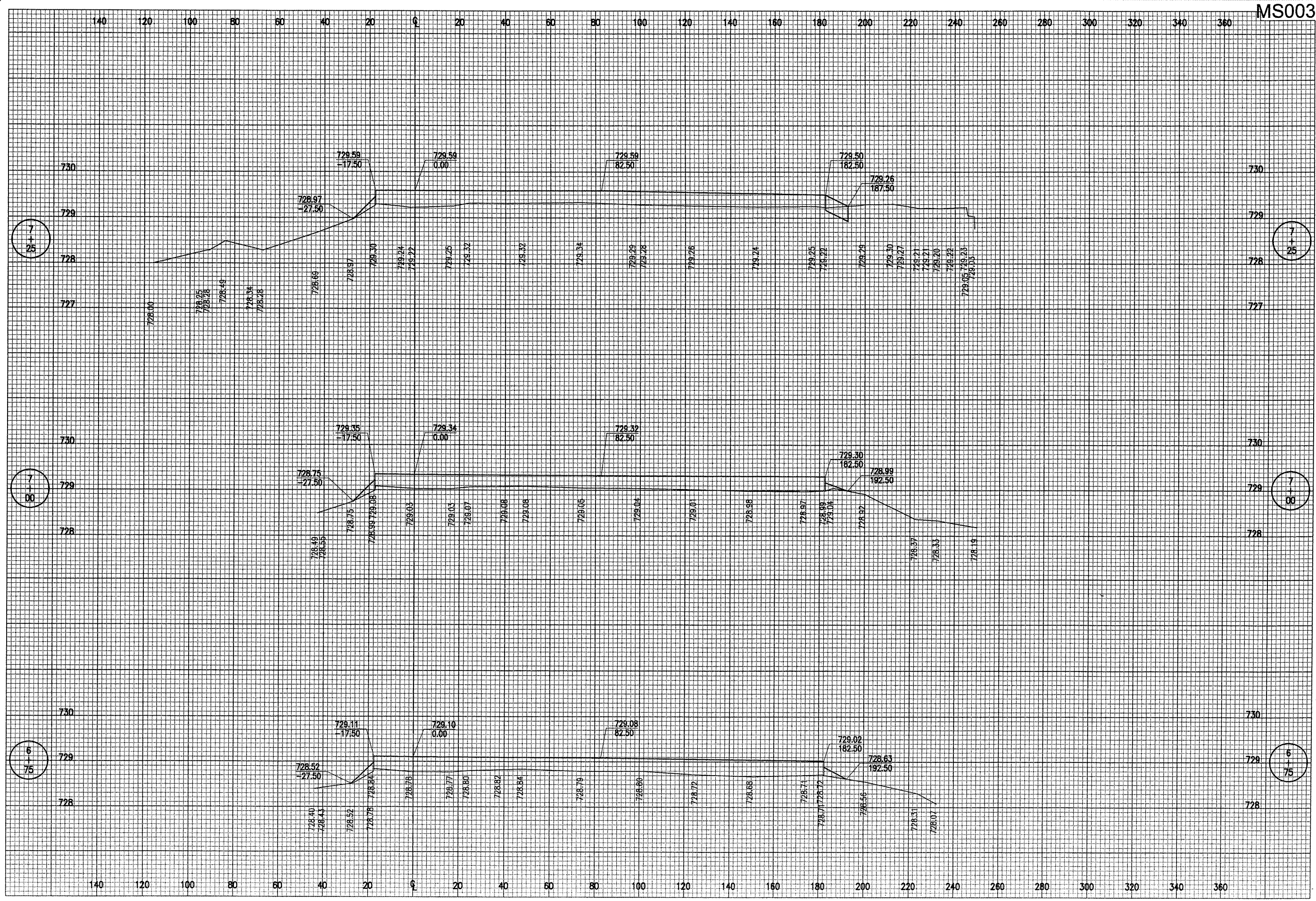
IL PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-89

H&I Project No. 07A0058D_0800 Filename: R-301XS-APN.DWG Scale: H, 1" = 20' V, 1" = 1' Date: 11/30/07	LAYOUT KOM 11/30/07 DRAWN BAK 11/30/07 REVIEWED CAH xx/xx/xx
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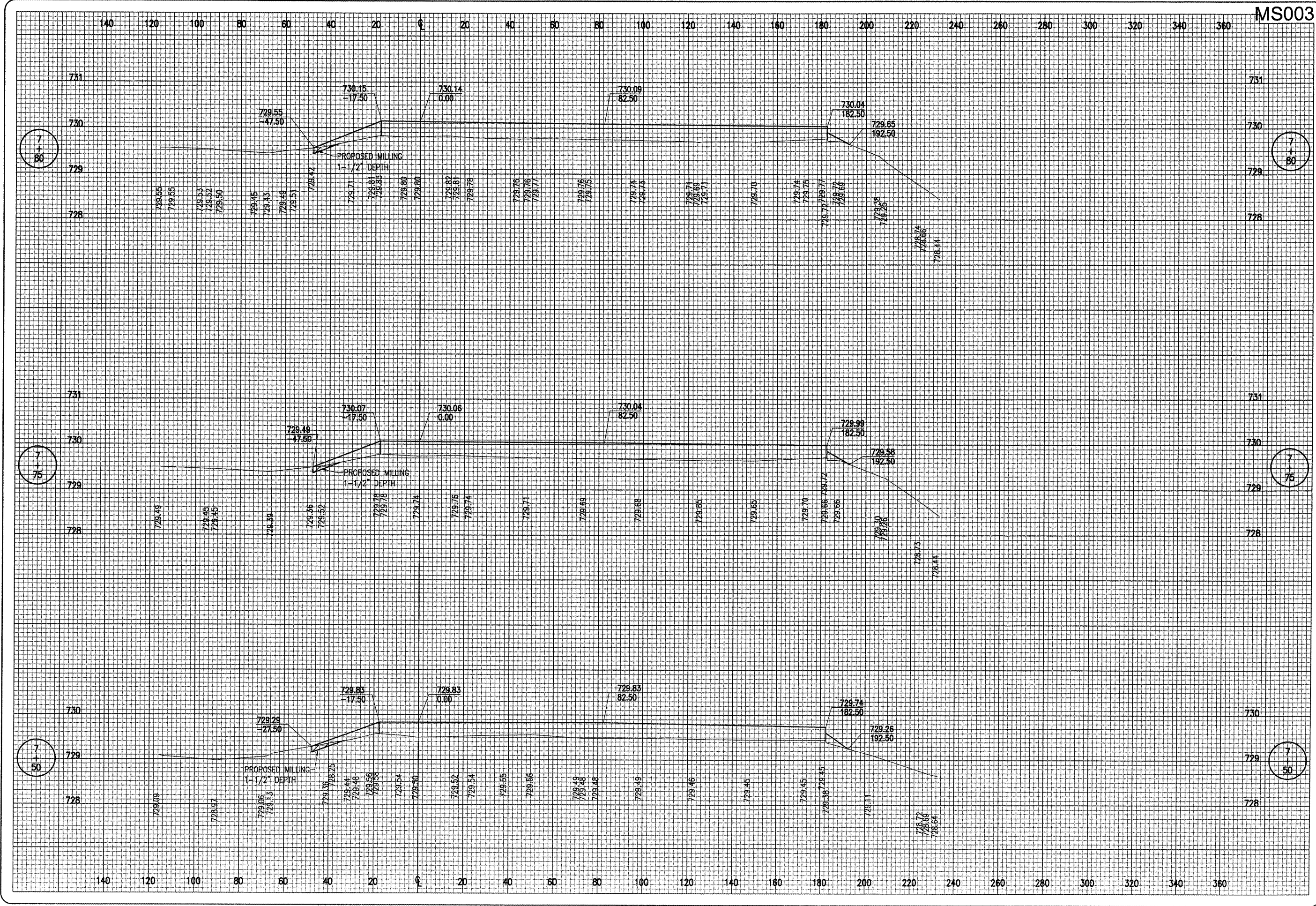
**EXPAND AUTO PARKING
 LOT & OVERLAY APRON**

PROPOSED CROSS-SECTIONS
 FOR AIRCRAFT PARKING APRON
 STA. 5+25 TO STA. 5+70



MS003

BY	REVISION
DATE	
ROBERT F. TRACY MUNICIPAL AIRPORT MT. STERLING, ILLINOIS	
IL. PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9	
IGI Project No. 07A0058D 0800	11/30/07
Filename R-303XS-APN.DWG	KDM 11/30/07
Scale H, 1" = 20' V, 1" = 1'	BAK 11/30/07
Date 11/30/07	CAH xx/xx/xx
LAYOUT	
DRAWN	
REVIEWED	
HANSON	
Hanson Professional Services Inc. Springfield, Illinois 62703-2888 Offices Nationwide	
EXPAND AUTO PARKING LOT & OVERLAY APRON PROPOSED CROSS-SECTIONS FOR AIRCRAFT PARKING APRON STA. 6+75 TO STA. 7+25	
14	
14 of 25 sheets	



MS003

DATE	REVISION	BY

**ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS**

IL. PROJ.: 63-3715 A.I.P. PROJ.: 3-17-0147-89

HE Project No. 07A0058D_0800
 Filename R-304XS-APN.DWG
 Scale H. 1" = 20' V. 1" = 1'
 Date 11/30/07

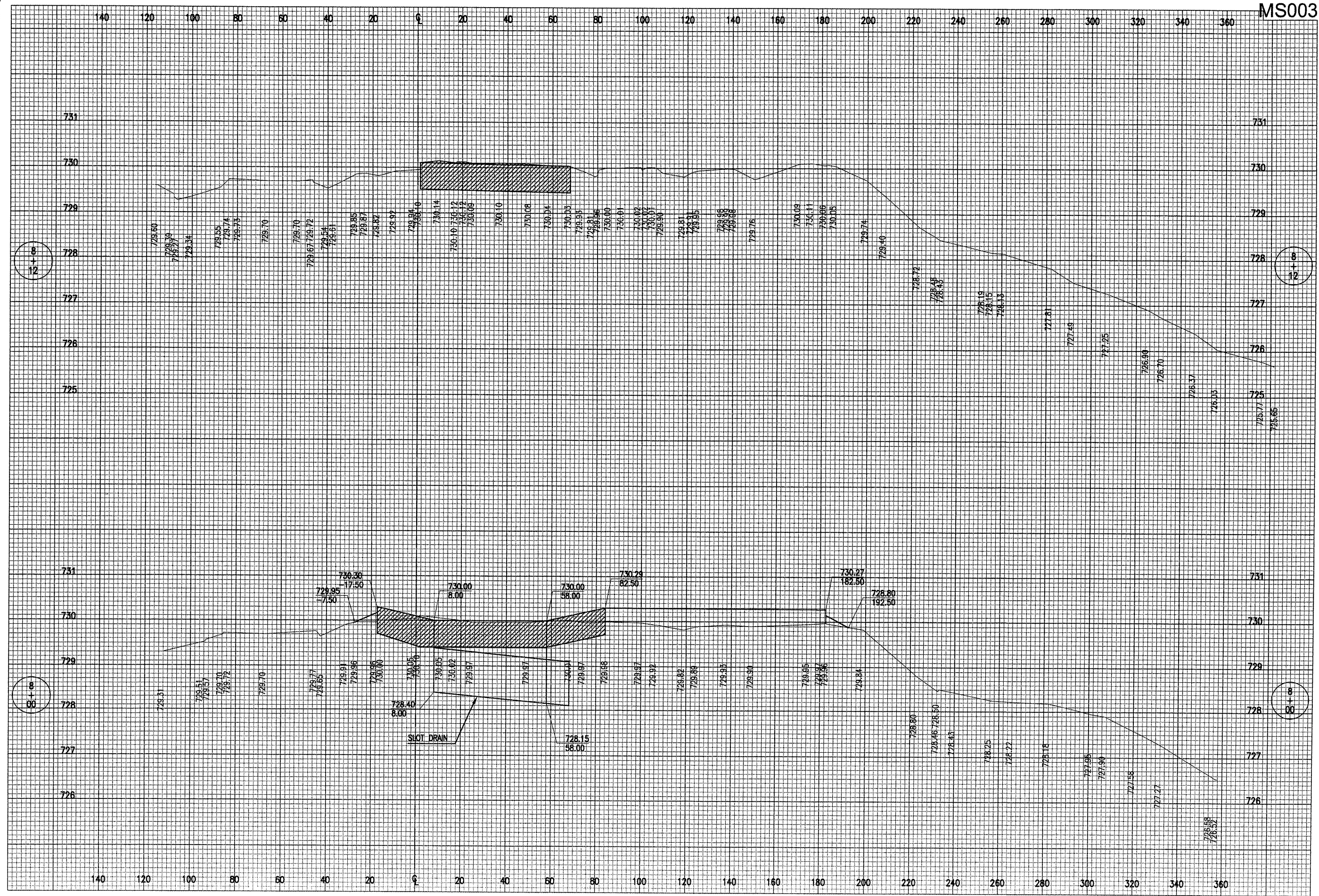
LAYOUT	KOM	11/30/07
DRAWN	BAK	11/30/07
REVIEWED	CAH	4/1/08



**EXPAND AUTO PARKING
 LOT & OVERLAY APRON**

**PROPOSED CROSS-SECTIONS
 FOR AIRCRAFT PARKING APRON
 STA. 7+50 TO STA. 7+80**

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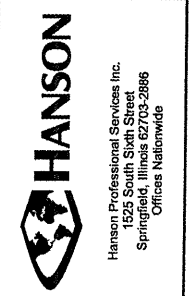
MS003

DATE	REVISION	BY

**ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS**

IL PROJ: 163-3715 A.I.P. PROJ.: 3-17-0147-89

ILE Project No. 07A0058D_0800 Filename R-305XS-APN.DWG Scale H. 1"=20' V. 1"=1' Date 11/30/07	
LAYOUT	KDM 11/30/07
DRAWN	BAK 11/30/07
REVIEWED	CAH 4/1/08



**EXPAND AUTO PARKING
 LOT & OVERLAY APRON**

**PROPOSED CROSS-SECTIONS
 FOR AIRCRAFT PARKING APRON
 STA. 8+00 TO STA. 8+12**

EXPAND AUTO PARKING LOT

SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR110551	EXTEND DUCT	L.F.	46	
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	120	
AR156513	SEPARATION FABRIC	S.Y.	506	
AR156531	EROSION CONTROL BLANKET	S.Y.	341	
AR162960	RELOCATE CLASS E FENCE	L.F.	120	
AR201610	BITUMINOUS BASE COURSE	TON	72	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	177	
AR401610	BITUMINOUS SURFACE COURSE	TON	43	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	21	
AR602510	BITUMINOUS PRIME COAT	GAL.	172	
AR603510	BITUMINOUS TACK COAT	GAL.	72	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	483	
AR901510	SEEDING	ACRE	.07	
AR910230	HANDICAP SIGN	EACH	2	

DATE	REVISION	BY

**ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS**

IL PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

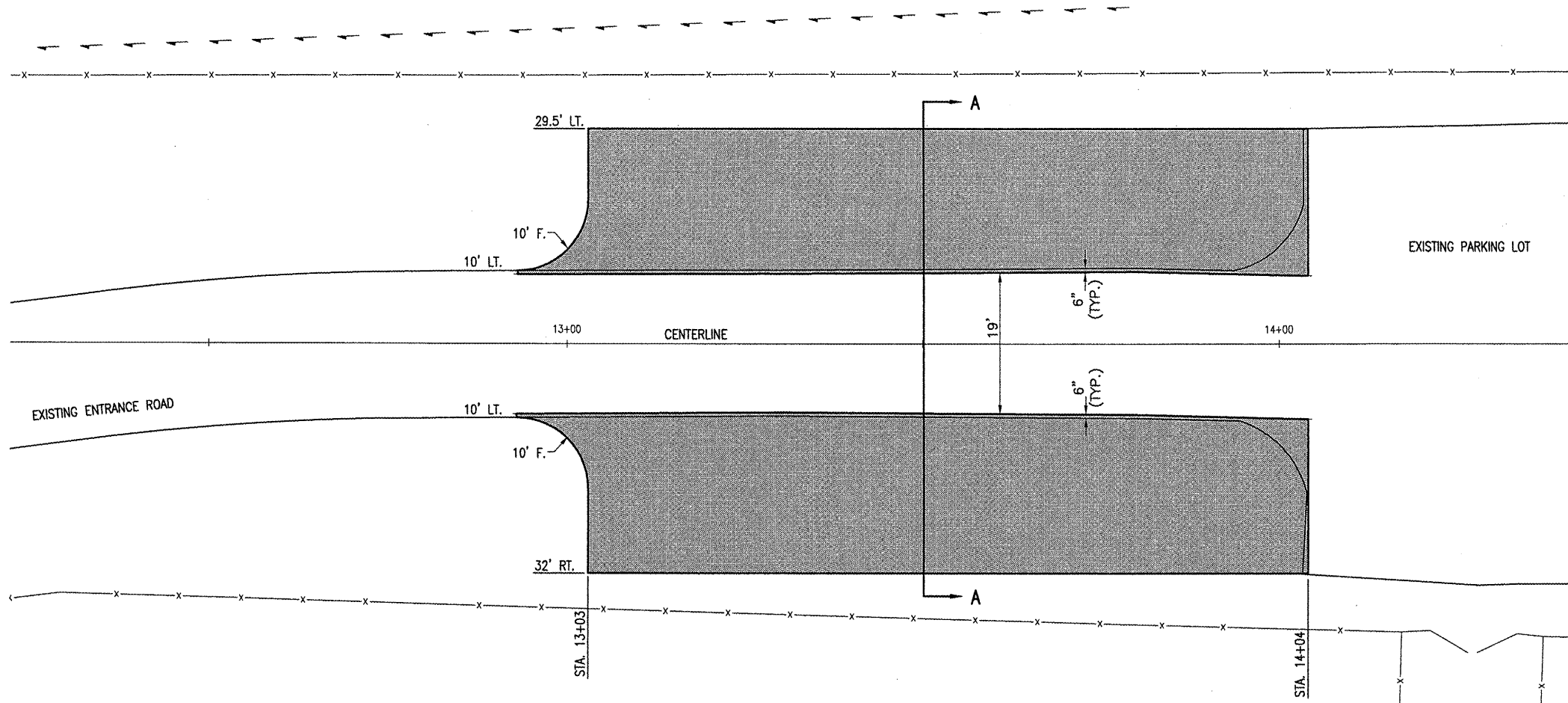
Heli Project No. 07A00580_0800 Filename R-003FLP.DWG Scale NOT TO SCALE Date 11/30/07	11/30/07 11/30/07 04/14/08
LAYOUT DRAWN REVIEWED	KIM BAK CAH



EXPAND AUTO PARKING LOT & OVERLAY APRON

SUMMARY OF QUANTITIES FOR EXPANSION OF AUTO PARKING LOT

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AR209—CRUSHED AGGREGATE BASE COURSE NOTES

THE CRUSHED AGGREGATE BASE COURSE (209) SHALL BE PLACED IN ACCORDANCE WITH ITEM 209 "CRUSHED AGGREGATE BASE COURSE" AS STATED ON PAGE 45 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE CRUSHED AGGREGATE BASE COURSE MATERIAL (CA-6) WILL BE USED TO CONSTRUCT A BASE COURSE FOR THE PROPOSED BITUMINOUS BASE COURSE (201). THE CRUSHED AGGREGATE BASE COURSE MATERIAL WILL BE 6" IN DEPTH AND COMPACTED TO NOT LESS THAN 95 PERCENT DENSITY.

THE PROPOSED AGGREGATE FOR THE BASE COURSE MATERIAL SHALL MEET THE REQUIREMENTS OF GRADATION "B" IN TABLE 1 OF THE SUPPLEMENTAL SPECIFICATIONS.

209-3.2 EQUIPMENT. ADD THE FOLLOWING PARAGRAPHS TO THIS SECTION:

"PROVISIONS SHALL BE MADE BY THE CONTRACTOR FOR FURNISHING WATER AT THE PLANT AND AT THE SITE OF THE WORK BY EQUIPMENT OF AMPLE CAPACITY AND OF SUCH DESIGN AS TO ASSURE UNIFORM MIXING AND APPLICATION."

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER A PROCTOR CURVE SHOWING OPTIMUM DENSITY AND MOISTURE FOR THE SUPPLIED BASE COURSE MATERIAL.

THE COMPACTION CONTROL TEST TO BE USED SHALL BE FAA COMPACTION CONTROL TEST T-611 FOR AIRCRAFT WEIGHING LESS THAN 60,000 LBS.

209-4.1. DELETE THE FIFTH SENTENCE AND REPLACE IT WITH THE FOLLOWING:

"IF AT THE TIME THE AGGREGATES ARE WEIGHED THEY CONTAIN MORE THAN SIX (6) PERCENT OF ABSORBED AND FREE MOISTURE BY WEIGHT, A DEDUCTION FOR THE MOISTURE IN EXCESS OF THIS AMOUNT SHALL BE MADE IN DETERMINING THE PAY QUANTITY."

603—BITUMINOUS TACK COAT NOTES:

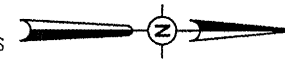
THE BITUMINOUS TACK COAT (603) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR603 "BITUMINOUS TACK COAT" AS STATED ON PAGE 62 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS TACK COAT SHALL BE PLACED ON THE PROPOSED BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE NEXT LIFT OF PROPOSED BITUMINOUS SURFACE COURSE. THE PROPOSED BITUMINOUS PAVEMENT SHALL HAVE A TACK COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

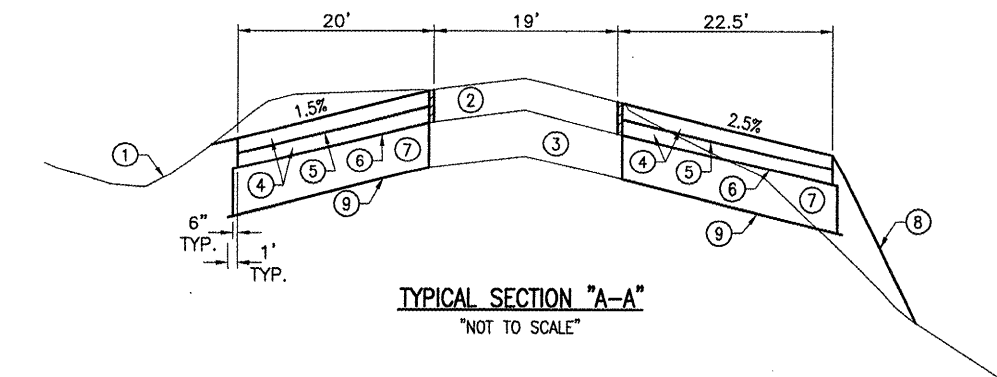
THE PROPOSED BITUMINOUS TACK COAT WILL BE PAID FOR UNDER ITEM: AR603510 BITUMINOUS TACK COAT _____ PER GAL.

LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING VAULT
- EXISTING FENCE
- EXISTING DITCH



0' 5' 10' 20'
 HALF SIZE SCALE: 1" = 20'
 FULL SIZE SCALE: 1" = 10'



LEGEND FOR TYPICAL SECTION "A-A"

- ① EXISTING GRADE
- ② EXISTING BITUMINOUS SURFACE COURSE (4" DEPTH)
- ③ EXISTING CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
- ④ PROPOSED BITUMINOUS SURFACE COURSE (2" DEPTH)
- ⑤ PROPOSED BITUMINOUS TACK COAT (0.10 GAL./S.Y.)
- ⑥ PROPOSED BITUMINOUS PRIME COAT (0.35 GAL./S.Y.)
- ⑦ PROPOSED CRUSHED AGGREGATE BASE COURSE (6" DEPTH)
- ⑧ PROPOSED GRADE
- ⑨ SEPARATION FABRIC

602—BITUMINOUS PRIME COAT NOTES:

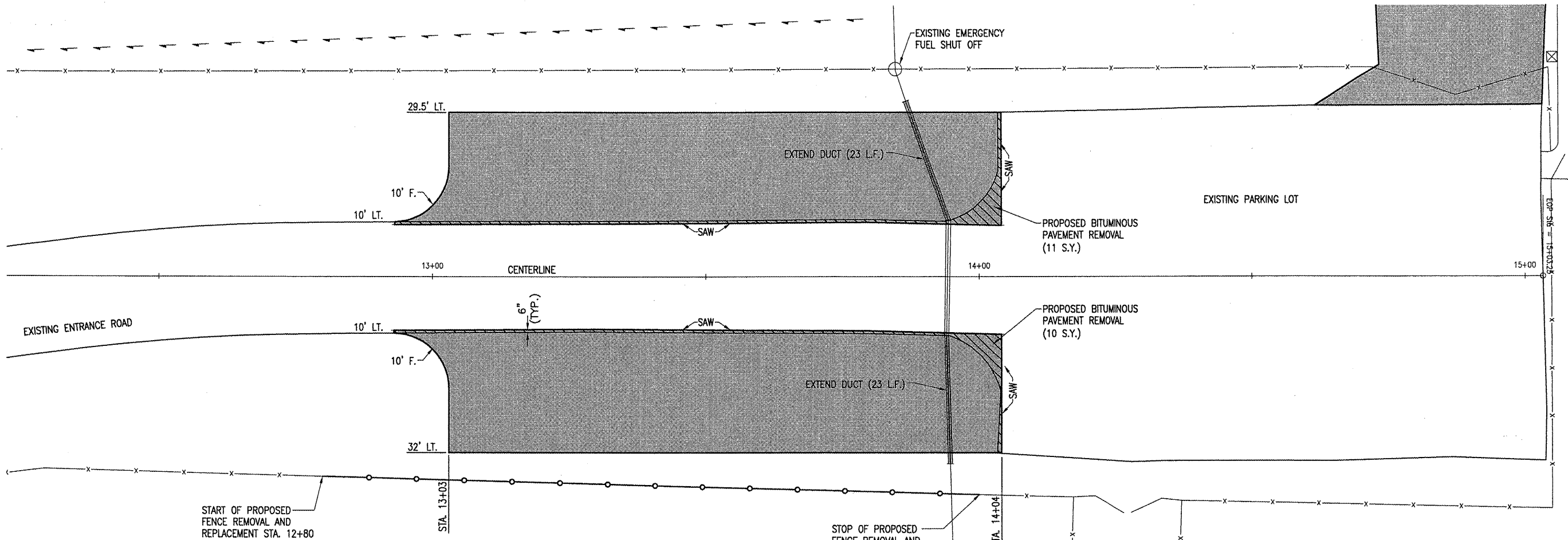
THE BITUMINOUS PRIME COAT (602) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR602 "BITUMINOUS PRIME COAT" AS STATED ON PAGE 58 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE PROPOSED BITUMINOUS PRIME COAT SHALL BE PLACED ON THE PROPOSED AGGREGATE BASE COURSE PRIOR TO THE PLACEMENT OF THE FIRST LIFT OF PROPOSED BITUMINOUS BASE COURSE. THE PROPOSED AGGREGATE BASE COURSE SHALL HAVE A PRIME COAT OF BITUMINOUS MATERIAL APPLIED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

THE PROPOSED BITUMINOUS PRIME COAT WILL BE PAID FOR UNDER ITEM: AR602510 BITUMINOUS PRIME COAT _____ PER GAL.

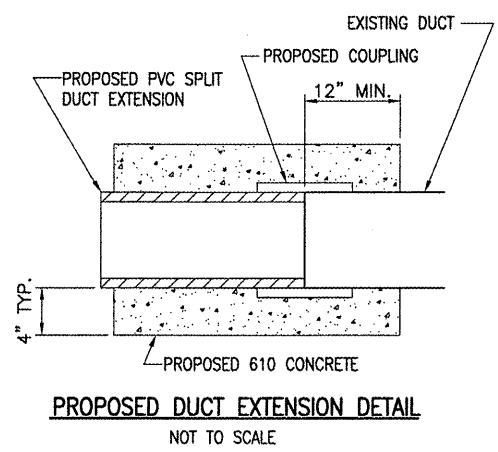
BY		REVISION		DATE	
<p>ROBERT F. TRACY MUNICIPAL AIRPORT MT. STERLING, ILLINOIS</p> <p>IL. PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9</p>					
H.S. Project No. 07A0059D_0800 File Name R-122CON.DWG Scale 1" = 10' Date 12/03/07	LAYOUT KDM 12/03/07 DRAWN BHK 12/03/07 REVIEWED CAH 04/14/08	<p>Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Offices Nationwide</p>			
EXPAND AUTO PARKING LOT & OVERLAY APRON		PROPOSED CONSTRUCTION PLAN FOR AUTO PARKING LOT			
18					
18 of 25 sheets					

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START OF PROPOSED FENCE REMOVAL AND REPLACEMENT STA. 12+80

STOP OF PROPOSED FENCE REMOVAL AND REPLACEMENT STA. 14+00



PROPOSED DUCT EXTENSION DETAIL
NOT TO SCALE

REMOVE BITUMINOUS PAVEMENT

THE AREAS DESIGNATED AS [diagonal hatching symbol] ON THIS SHEET WILL HAVE THE EXISTING PAVEMENT REMOVED (FULL DEPTH) TO THE EXISTING ROCK SUBGRADE. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWS AS SHOWN ON THIS SHEET. THIS 6" CUTOFF IS INCLUDED IN THE PAVEMENT REMOVAL QUANTITY. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR401900 "REMOVE BITUMINOUS PAVEMENT" - PER S.Y.

REMOVE AND REPLACE CLASS E FENCE NOTES

TO ASSIST THE CONTRACTOR IN COMPLETING THE EARTH SHOULDERING ADJACENT TO THE PROPOSED PARKING LOT EXPANSION, THE EXISTING FENCE ALONG THE EAST SIDE OF THE PROPOSED IMPROVEMENTS WILL BE REMOVED.

THE CONTRACTOR WILL STORE THE REMOVED FENCING UNTIL THE EARTH SHOULDERS HAVE BEEN COMPLETED. HE WILL THEN REPLACE THE FENCING IN THE SAME LOCATION FROM WHICH HE REMOVED IT.

ALL AREAS DISTURBED THAT ARE OUTSIDE OF THE PROPOSED SEEDING LIMITS WILL BE LIMED, FERTILIZED AND SEEDED IN ACCORDANCE WITH ITEM 901 "SEEDING". THIS WORK WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED FENCE RELOCATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THIS ITEM OF WORK WILL BE PAID FOR UNDER ITEM:

AR162960 RELOCATE CLASS E FENCE -- PER L.F.

DUCT EXTENSION NOTES

THE EXISTING DUCT SHOWN ON THIS SHEET WILL BE EXTENDED TO A MINIMUM OF 2' BEYOND THE PROPOSED PAVEMENT EDGE.

THE EXISTING CABLE INSIDE THE DUCTS SHALL REMAIN IN PLACE AND FUNCTIONING DURING THE EXTENSION.

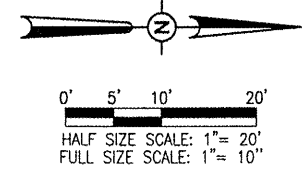
THE CONTRACTOR WILL USE 3" SPLIT PVC DUCT TO EXTEND THE EXISTING DUCTS.

THE CONTRACTOR WILL ENCASE THE DUCTS WITH CONCRETE A MINIMUM OF 4" ON ALL SIDES AFTER THEY HAVE BEEN EXTENDED AS SHOWN IN DETAIL.

THE DUCT EXTENSION WILL BE PAID FOR UNDER THE FOLLOWING ITEM:
AR110551 "EXTEND DUCT" _____ PER L.F.

LEGEND

- [diagonal hatching symbol] EXISTING PAVEMENT
- [stippled symbol] PROPOSED IMPROVEMENTS
- [solid black symbol] EXISTING VAULT
- [diagonal hatching symbol] PROPOSED PAVEMENT REMOVAL
- [dashed line with 'x' symbol] EXISTING FENCE (TO REMAIN)
- [dashed line with 'o' symbol] EXISTING FENCE (TO BE REMOVED AND REPLACED)
- [dashed line with 'd' symbol] EXISTING DITCH
- [dashed line with 'e' symbol] EXISTING ELECTRICAL CABLE
- [solid line with 'd' symbol] EXISTING DUCT
- [dashed line with 'd' symbol] PROPOSED DUCT EXTENSION



DATE	REVISION	BY

**ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS**

IL PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

Proj. No. 07A00580_0800	12/03/07
Filename R-112PRP.DWG	BAK 12/03/07
Scale 1" = 10'	CAH 4/14/08
Date 12/03/07	
LAYOUT	
DRAWN	
REVIEWED	

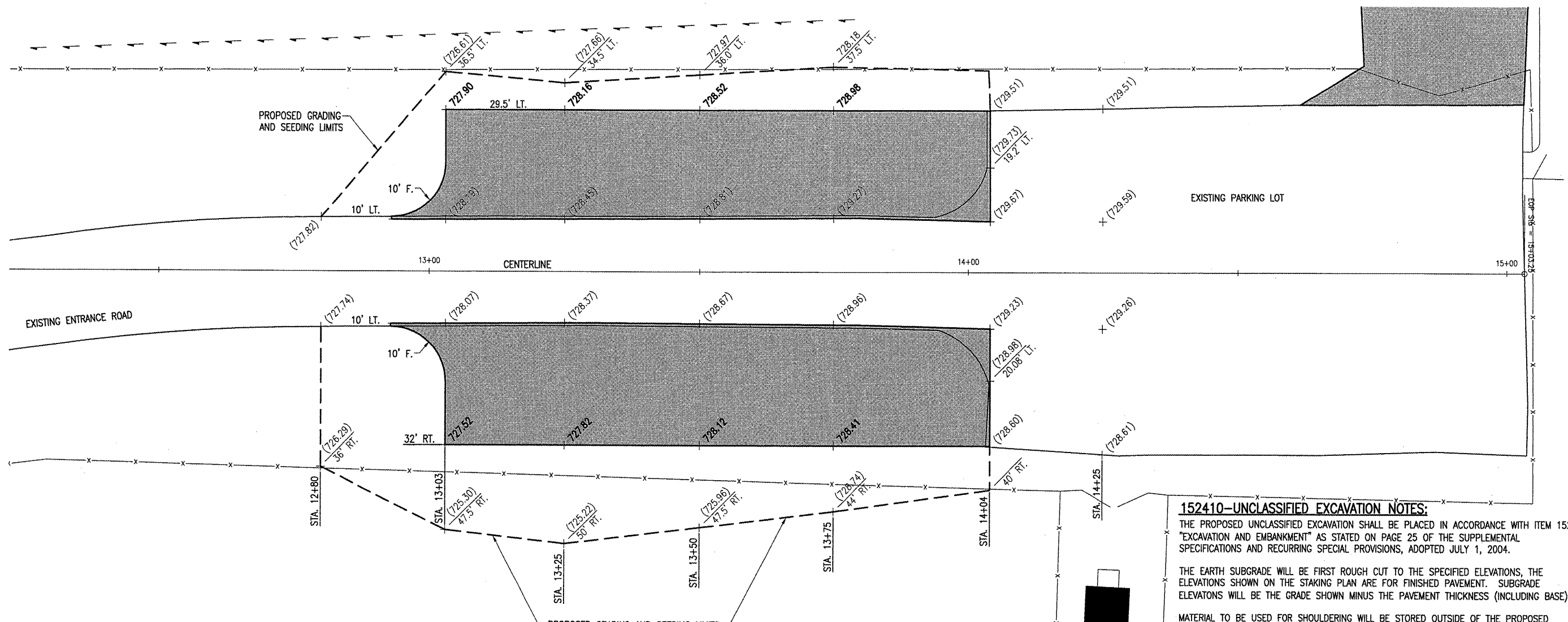
HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Offices Nationwide

**EXPAND AUTO PARKING
LOT & OVERLAY APRON**

PROPOSED PAVEMENT
PREPARATION PLAN
FOR AUTO PARKING LOT

MAY 11, 2008 4:59 PM HAGL000382 I:\AIRPORTS\MTSTERLING\07A0058\CAD\SHEETS\PR-112PRP.DWG - PARKING LOT



EROSION CONTROL BLANKET NOTES

AN EROSION CONTROL MATERIAL WILL BE INSTALLED OVER THE PROPOSED GRADING AND SEEDING LIMITS AS SHOWN ON THIS SHEET AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM AR156531 "EROSION CONTROL BLANKET" _____ PER S.Y.

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

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 SEEDING IN ACCORDANCE WITH THE ABOVE NOTED SPECIFICATION. ALL AREAS OUTSIDE THE DESIGNATED GRADING AND SEEDING LIMITS WILL ALSO BE SEEDING 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.

901-3.4 MAINTENANCE OF SEEDED 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 ITEM: AR901510 SEEDING _____ PER ACRES

152410-UNCLASSIFIED EXCAVATION NOTES:

THE PROPOSED UNCLASSIFIED EXCAVATION SHALL BE PLACED IN ACCORDANCE WITH ITEM 152 "EXCAVATION AND EMBANKMENT" AS STATED ON PAGE 25 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE EARTH SUBGRADE WILL BE FIRST ROUGH CUT TO THE SPECIFIED ELEVATIONS, THE ELEVATIONS SHOWN ON THE STAKING PLAN ARE FOR FINISHED PAVEMENT. SUBGRADE ELEVATIONS WILL BE THE GRADE SHOWN MINUS THE PAVEMENT THICKNESS (INCLUDING BASE).

MATERIAL TO BE USED FOR SHOULDERING WILL BE STORED OUTSIDE OF THE PROPOSED PAVEMENT AREA AND WITHIN THE GRADING LIMITS.

THE MATERIAL TO BE USED FOR THE SHOULDERING WILL BE OBTAINED FROM THE ON SITE UNCLASSIFIED EXCAVATION. SEVENTY (70) C.Y. OF EXCESS UNCLASSIFIED EXCAVATION WILL BE USED ON THE EARTH FILLETS FOR THE APRON OVERLAY. SEE SHEET NO. 9.

UPON COMPLETION OF THE UNCLASSIFIED EXCAVATION UNDER THE PAVEMENT, THE SUBGRADE WILL BE ROLLED WITH A STEEL WHEEL ROLLER. THE RESIDENT ENGINEER WILL WITNESS THIS ROLLING PROCEDURE AND CONFIRM THAT THE SUB-BASE IS STABLE. IF THE SUB-BASE IS UNSTABLE, THE STATE CONSTRUCTION ENGINEER WILL BE CONTACTED TO PRODUCE A METHOD OF SUB-BASE STABILIZATION.

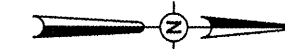
THE PROPOSED SHOULDER MATERIAL WILL ONLY REQUIRE "LIGHT COMPACTION" TO THE SATISFACTION OF THE RESIDENT ENGINEER.

ALL EARTHWORK WILL BE CLASSIFIED AS "UNCLASSIFIED EXCAVATION".

THE PROPOSED UNCLASSIFIED EXCAVATION WILL BE PAID FOR UNDER ITEM: AR152410 UNCLASSIFIED EXCAVATION _____ PER C.Y.

LEGEND

- EXISTING PAVEMENT
- PROPOSED IMPROVEMENTS
- EXISTING VAULT
- EXISTING FENCE
- EXISTING DITCH
- PROPOSED GRADING AND SEEDING LIMITS
- EXISTING GRADE
- PROPOSED GRADE



0' 5' 10' 20'
 HALF SIZE SCALE: 1" = 20'
 FULL SIZE SCALE: 1" = 10'

DATE	REVISION	BY

ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS

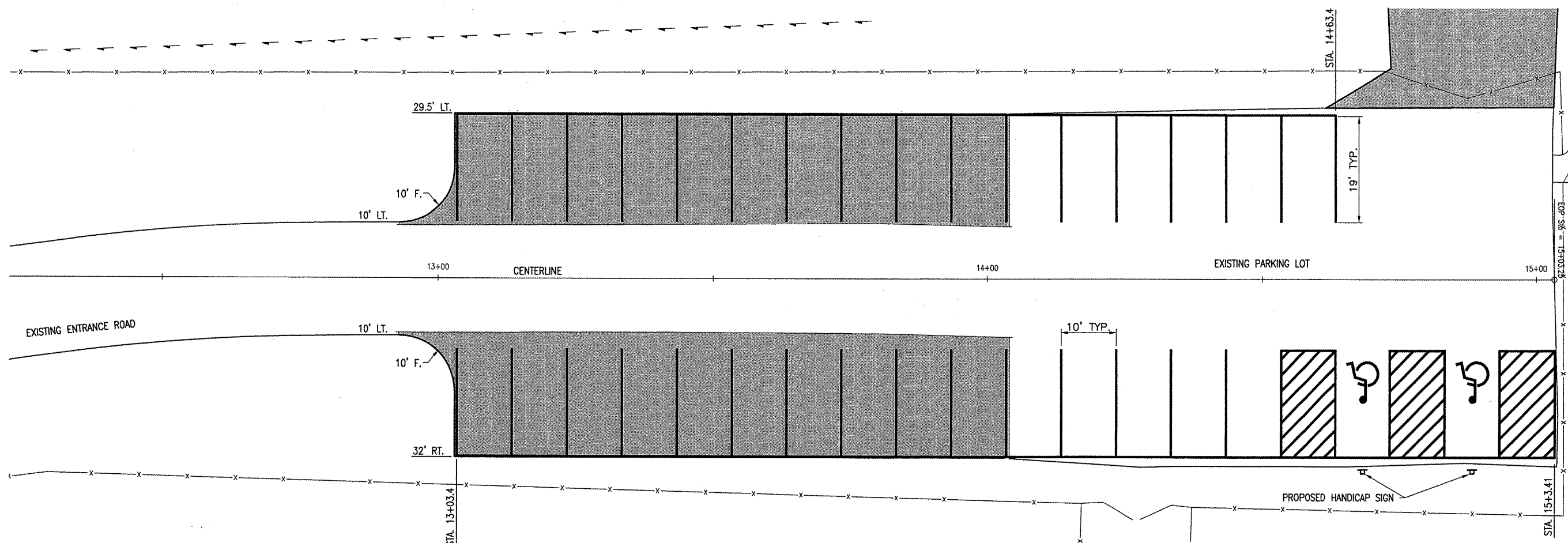
IL. PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

HEI Project No. 07AUG0580_0800	FILENAME R-1925TK.DWG	DATE 12/03/07
SHEET 1" = 10'	SCALE 12/03/07	DATE 4/14/08
LAYOUT	KDM	12/03/07
DRAWN	BAK	12/03/07
REVIEWED	CAH	4/14/08

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

EXPAND AUTO PARKING LOT & OVERLAY APRON
 PROPOSED STAKING PLAN FOR AUTO PARKING LOT

MAY 11, 2008 4:59 PM HAGL000382
 I:\AIRPORTS\MTSTERLING\07AUG0580\CAD\SHEETS\R-1925TK.DWG - PARKING LOT



HANDICAPPED PARKING SIGNS

ALL HANDICAPPED PARKING STALLS SHALL HAVE SIGNS INSTALLED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET.

THE PROPOSED SIGNS SHALL BE A R7-8 AND R7-1101 STANDARD SIGNS ADOPTED BY THE U.S. DEPARTMENT OF TRANSPORTATION.

THE SIGNS SHALL BE VERTICALLY MOUNTED ON A POST AT THE FRONT CENTER OF THE PARKING SPACE AND SET A MINIMUM OF 4 FT. FROM THE FINISHED GRADE TO THE BOTTOM OF THE SIGN.

EACH SIGN WILL INCLUDE BOTH THE R7-8 AND THE R7-1101 DISPLAYED AS DETAILED ON THIS SHEET.

THE PROPOSED HANDICAPPED SIGNS SHALL BE PAID FOR UNDER:
ITEM AR910230 HANDICAP SIGN _____ PER EACH.

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 PARKING LOT MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL PARKING LOT MARKING WILL BE 4" WIDE, SOLID AND YELLOW IN COLOR. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

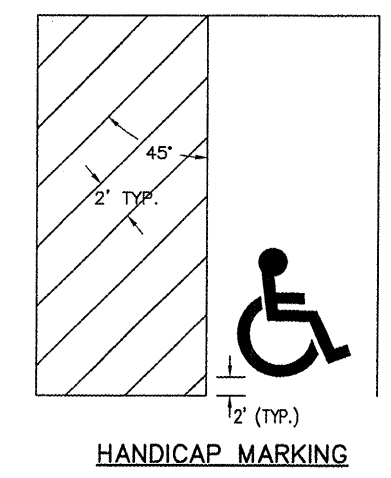
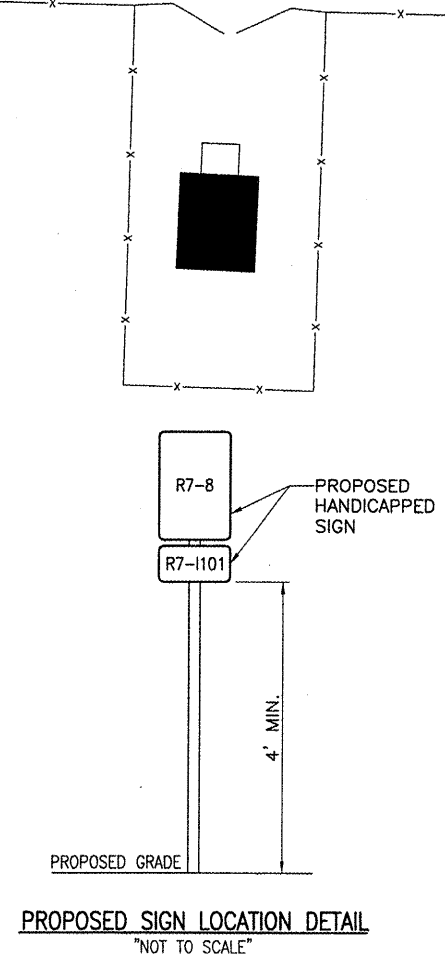
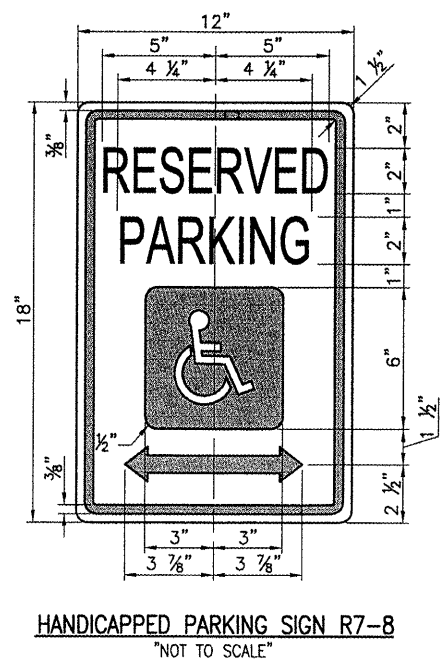
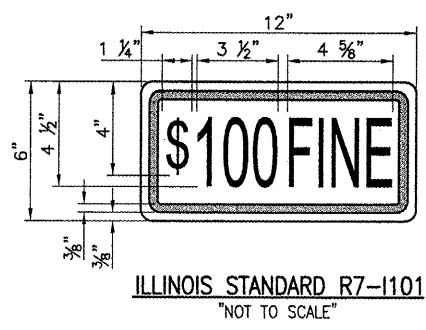
ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS AND IN COMPLIANCE WITH THE INSTITUTE OF TRANSPORTATION ENGINEERS, TRANSPORTATION AND TRAFFIC ENGINEERING HANDBOOK AND ILLINOIS ACCESSIBILITY CODE.

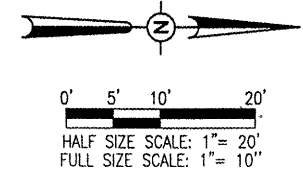
GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION.

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

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 PAVEMENT MARKING-WATERBORNE _____ PER S.F.

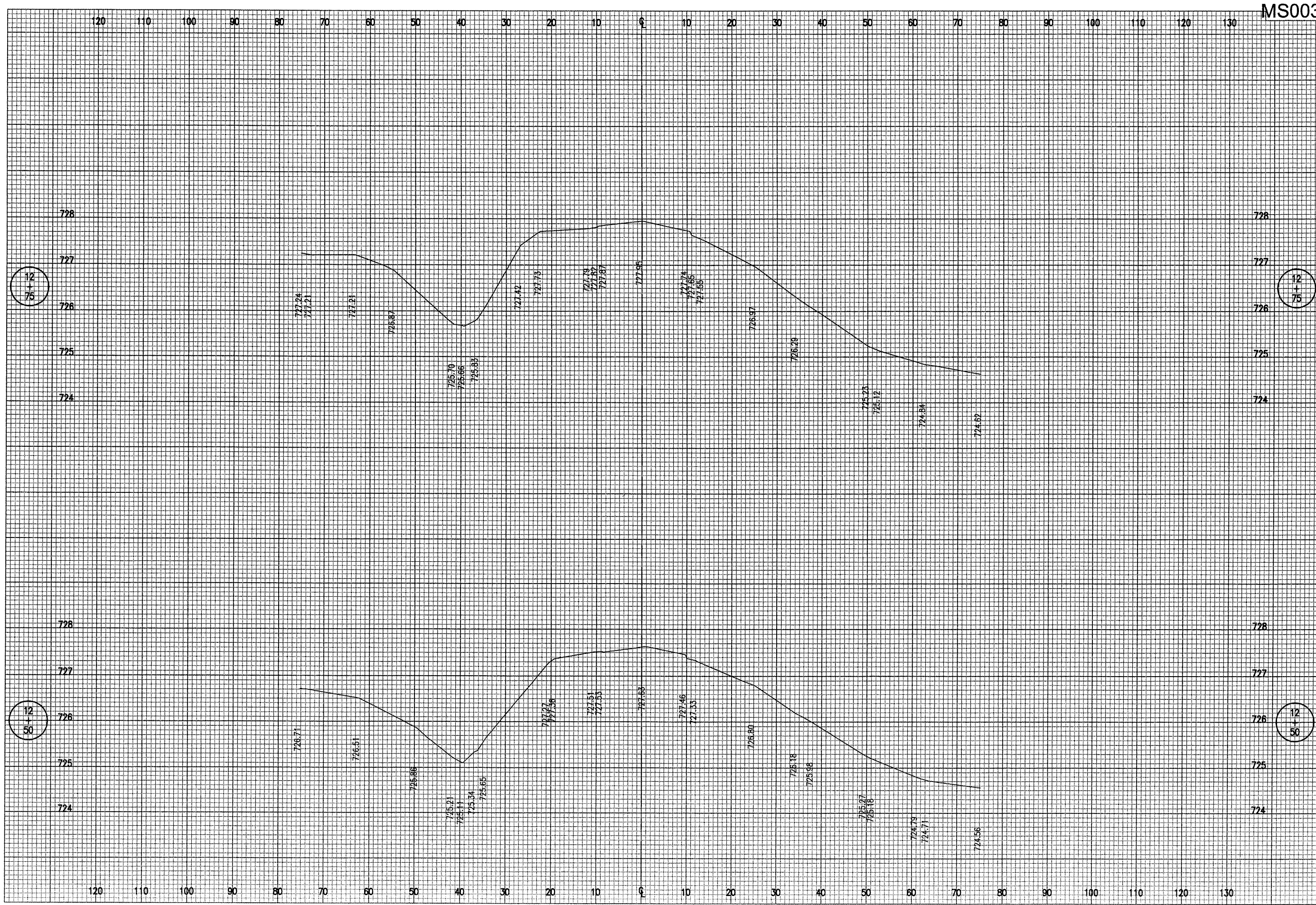


- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED IMPROVEMENTS
 - EXISTING VAULT
 - EXISTING FENCE
 - EXISTING DITCH
 - EXISTING MARKING
 - PROPOSED MARKING



	BY		
	REVISION		
	DATE		
ROBERT F. TRACY MUNICIPAL AIRPORT MT. STERLING, ILLINOIS			
IL PROJ.: 163-3715		A.I.P. PROJ.: 3-17-0147-B9	
Heli Project No. 07A00580_0800 Filename R-152MRK.DWG Scale 1" = 10' Date 12/03/07	LAYOUT 12/03/07 DRAWN BAK 12/03/07 REVIEWED CAH 04/14/08		
Hanson Professional Services Inc. 1645 Springfield, Illinois 62703-2666 Offices Nationwide			
EXPAND AUTO PARKING LOT & OVERLAY APRON	PROPOSED MARKING PLAN FOR AUTO PARKING LOT		
21			
21 of 25 sheets			

MAY 11, 2008 5:00 PM HAGL000382 I:\AIRPORTS\MTSTERLING\07A00580\CAD\SHEETS\152MRK.DWG - PARKING LOT



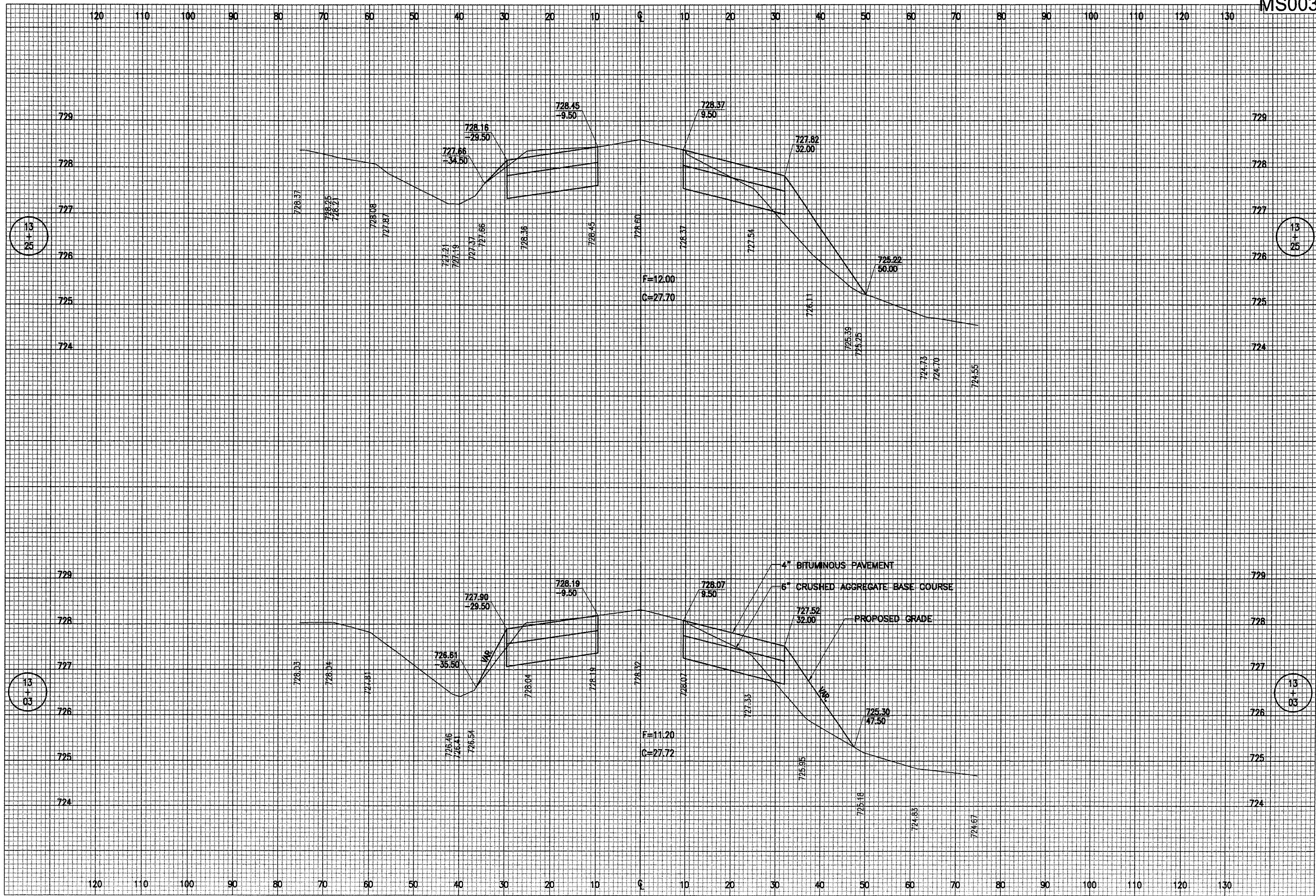
BY	
REVISION	
DATE	

ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS
 I.L. PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-B9

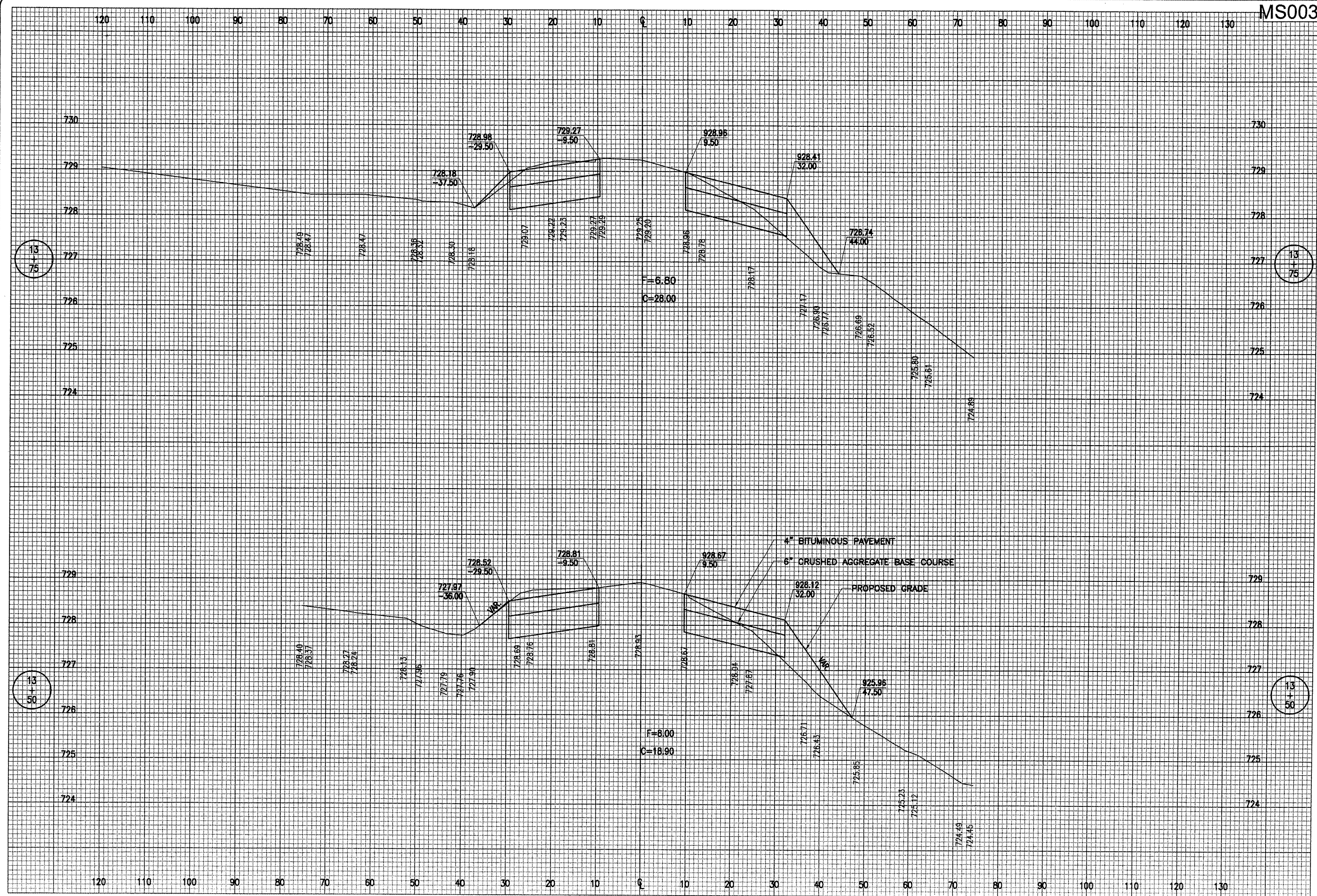
HE Project No. 07A0058D_0800 Filename R-301XS-PARKLOT.DWG Scale HOR. 1" = 10' VERT. 1" = 1' Date 3/19/08	LAYOUT KOM 03/18/08 DRAWN DFE 3/19/08 REVIEWED CAH 3/28/08
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EXPAND AUTO PARKING
 LOT & OVERLAY APRON
 PROPOSED CROSS-SECTIONS
 FOR AUTO PARKING LOT
 STA. 12+50 TO STA. 12+75



BY		REVISION	
DATE		DATE	
ROBERT F. TRACY MUNICIPAL AIRPORT MT. STERLING, ILLINOIS			
I.L. Project No.: 07A0058D 0800 Elevation: R-302XS-PARKLOT.DWG Scale: HOR. 1" = 10' VERT. 1" = 1' Date: 3/19/08		A.I.P. PROJ.: 3-17-0147-89 I.L. PROJ.: 63-3715	
LAYOUT	KDM	03/18/08	
DRAWN	DPE	3/19/08	
REVIEWED	CAH	3/28/08	
Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2888 Offices Nationwide			
EXPAND AUTO PARKING LOT & OVERLAY APRON			
PROPOSED CROSS-SECTIONS FOR AUTO PARKING LOT STA. 13+03 TO STA. 13+25			
23 23 of 25 sheets			



MS003

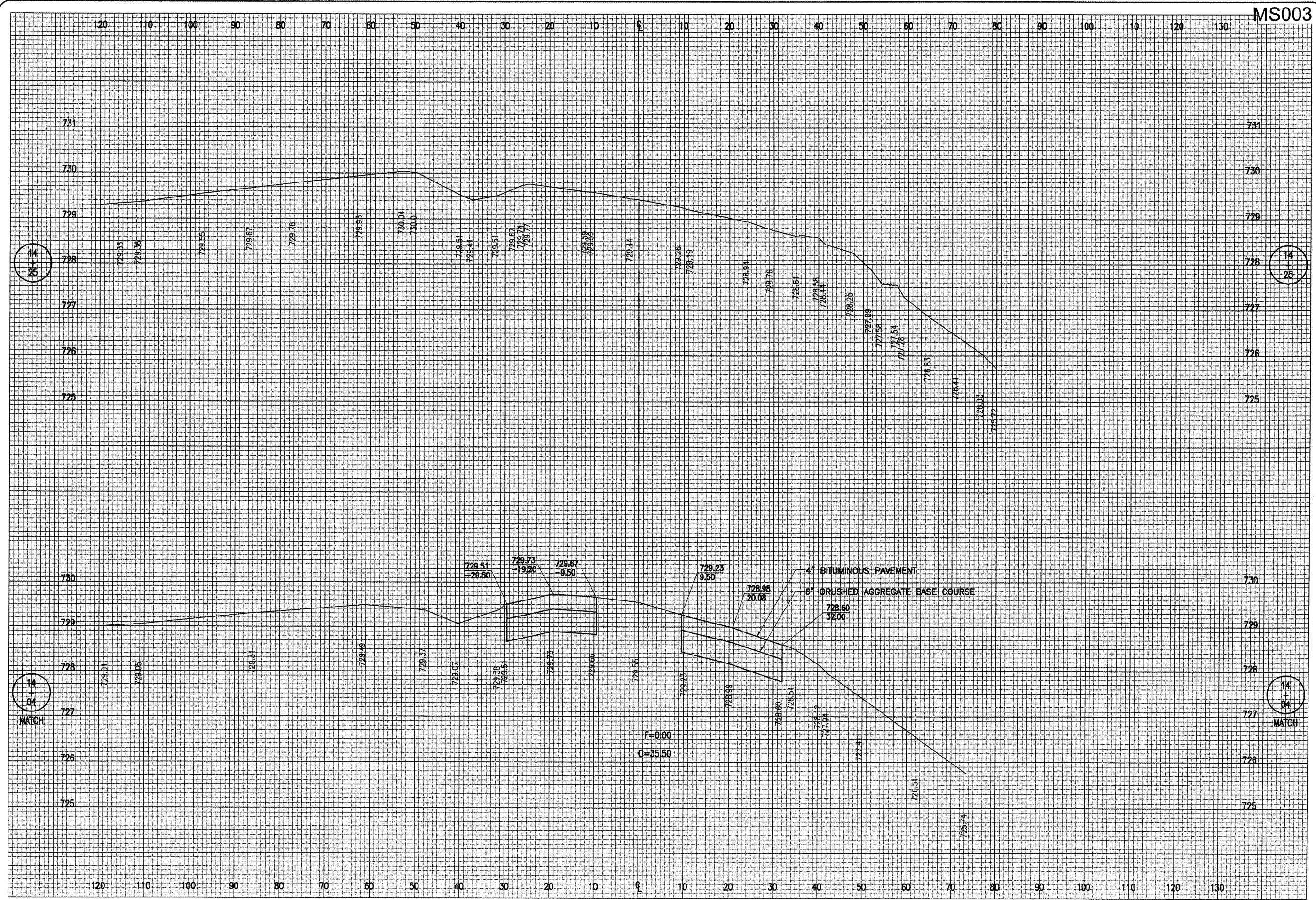
DATE	REVISION	BY

ROBERT F. TRACY MUNICIPAL AIRPORT
MT. STERLING, ILLINOIS

HEI Project No. 07A0058D 0800	Drawn: R-303XS-PARKLOT.DWG
Scale: HOR. 1" = 10' VERT. 1" = 1'	Date: 3/19/08
LAYOUT	KDM
DRAWN	DPE
	03/19/08
	3/19/08



EXPAND AUTO PARKING LOT & OVERLAY APRON
PROPOSED CROSS-SECTIONS FOR AUTO PARKING LOT



MS003

DATE	REVISION	BY

**ROBERT F. TRACY MUNICIPAL AIRPORT
 MT. STERLING, ILLINOIS**

IL. PROJ.: 163-3715 A.I.P. PROJ.: 3-17-0147-89

HEI Project No.	07A005801_0800
Filename	R-304XS-PARKLOT.DWG
Scale	HOR. 1" = 10' VERT. 1" = 1'
Date	3/19/08
LAYOUT	KOM 03/18/08
DRAWN	DPE 3/19/08
REVIEWED	CAH 3/28/08



**EXPAND AUTO PARKING
 LOT & OVERLAY APRON**

PROPOSED CROSS-SECTIONS
 FOR AUTO PARKING LOT
 STA. 14+04 TO STA. 14+25

25
 25 of 25 sheets