

CONSTRUCTION PLANS

FOR

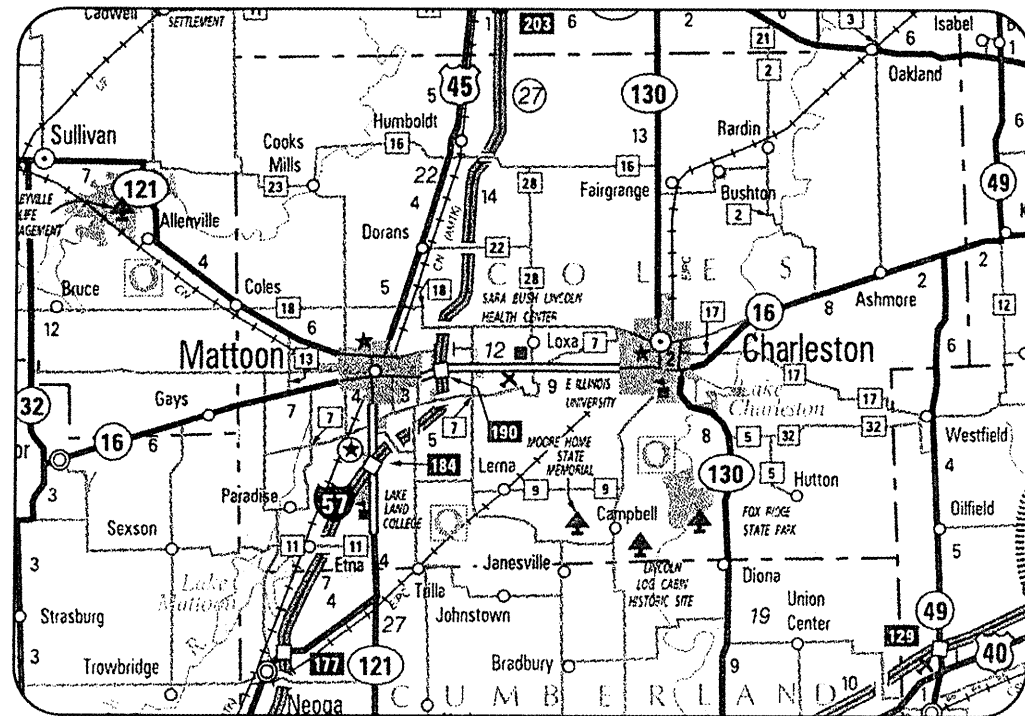
COLES COUNTY MEMORIAL AIRPORT

MATTOON-CHARLESTON, COLES COUNTY, ILLINOIS

REHABILITATE CENTER APRON

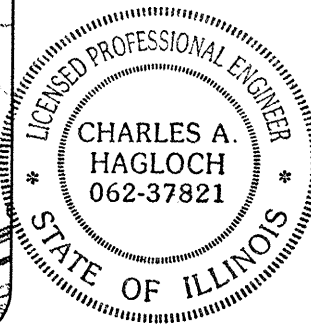
SCOPE OF WORK

THIS PROJECT CONSISTS OF THE REHABILITATION OF THE CENTER PORTION OF THE AIRCRAFT PARKING APRON. ASSOCIATED WORK ITEMS INCLUDE: PAVEMENT REMOVAL, CRACK REPAIR, PAVEMENT MILLING, 9" PCC PAVEMENT, APPLICATION OF A POROUS FRICTION COURSE (0.10' DEPTH), BITUMINOUS SURFACE COURSE (0.12' DEPTH), REMOVAL AND REPLACEMENT OF TIE-DOWNS, PAVEMENT MARKING AND SODDING.



LOCATION

ILL. PROJ.: MTO-3856
 A.I.P. PROJ.: 3-17-0066-B23
 LATITUDE: 39° 28' 40"
 LONGITUDE: 88° 16' 45"
 ELEVATION: 721.0' M.S.L.
 DATE: MARCH 20, 2009



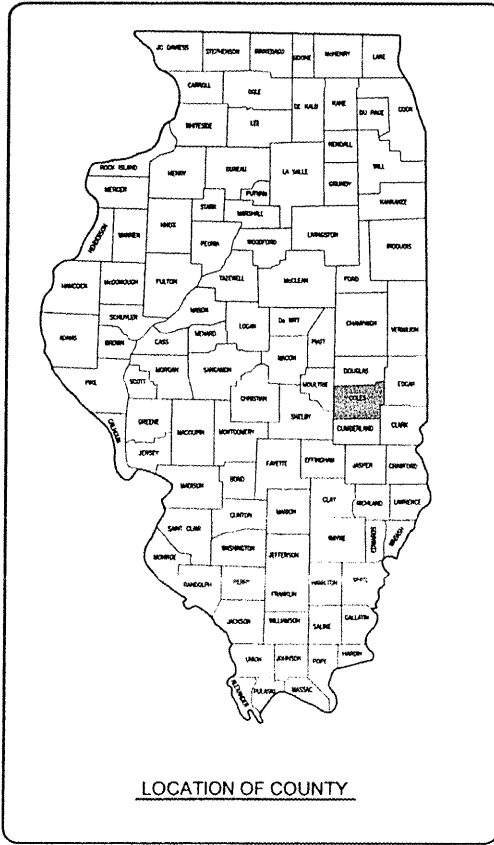
REVISED APRIL 2, 2009

HANSON
 Hanson Professional Services Inc.

Submitted by *Charles A. Hagloch* ENG'R
 Date Submitted APRIL 2, 2009
 Lic. Exp. Date NOVEMBER 30, 2009

COLES COUNTY AIRPORT AUTHORITY

Approved *Roger W. Dettler* CHAIRMAN
 Date *March 27, 2009*
 Approved *Anthony J. Fiume* AIRPORT DIRECTOR
 Date *03, 27, 2009*



DATE	REVISION	BY
4/02/09	REVISED AS PER IDA REVIEW	CAH

COLES COUNTY AIRPORT AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT

A.I.P. PROJ.: 3-17-0066-B23
 IL. PROJ.: MTO-3856

DESCRIPTION	DATE
LAYOUT	11/18/08
DRAWN	BAK
REVIEWED	CAH

HANSON
 Hanson Professional Services Inc.
 1525 South Sixth Street
 Springfield, Illinois 62766
 Offices Nationwide

REHABILITATE CENTER APRON

COVER SHEET

1

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 AIRPORTS\COLES\08A01980\AIRPORT\SHEETS\R-001CVR.DWG - COVER

CO056

DATE	REVISION	BY
4/02/09	REVISED AS PER IDA REVIEW	CAH

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150530	TRAFFIC MAINTENANCE	L.S.	1	
AR152480	SHOULDER ADJUSTMENT	S.Y.	298	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	1,834	
AR401610	BITUMINOUS SURFACE COURSE	TON	1,464	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	1,893	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	267	
AR401910	REMOVE & REPLACE BIT. PAVEMENT	S.Y.	532	
AR402622	POROUS FRICTION COURSE, 0.10"	S.Y.	14,784	
AR501509	9" PCC PAVEMENT	S.Y.	267	
AR501911	REMOVE AND REPLACE PCC PAVEMENT	S.F.	25	
AR510511	TIE DOWN-TYPE A	EACH	29	
AR510512	TIE DOWN-TYPE B	EACH	31	
AR510515	GROUND ROD	EACH	1	
AR510901	REMOVE TIE DOWN-TYPE A	EACH	29	
AR510902	REMOVE TIE DOWN-TYPE B	EACH	29	
AR603510	BITUMINOUS TACK COAT	GAL.	7,704	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	1,937	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	2,114	
AR625510	TAR EMULSION SEAL COAT	S.Y.	1,986	
AR751940	ADJUST INLET	EACH	1	
AR904510	SODDING	S.Y.	298	

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	PROPOSED SAFETY PLAN
4	PROPOSED CONSTRUCTION PLAN STA. 28+62.8 TO STA. 31+00
5	PROPOSED CONSTRUCTION PLAN STA. 31+00 TO STA. 33+43
6	PROPOSED PAVEMENT PREPARATION PLAN STA. 28+62.8 TO 31+00
7	PROPOSED PAVEMENT PREPARATION PLAN STA. 31+00 TO 33+43
8	PROPOSED TIE DOWN REMOVAL PLAN STA. 28+62.8 TO 31+00
9	PROPOSED TIE DOWN REMOVAL PLAN STA. 31+00 TO 33+43
10	PROPOSED STAKING PLAN STA. 28+62.8 TO 31+00
11	PROPOSED STAKING PLAN STA. 31+00 TO 33+43
12	PROPOSED PCC PAVEMENT PLAN
13	PROPOSED TIE DOWN PLAN STA. 28+62.8 TO 31+00
14	PROPOSED TIE DOWN PLAN STA. 31+00 TO 33+43
15	PROPOSED MARKING PLAN STA. 28+62.8 TO 31+00
16	PROPOSED MARKING PLAN STA. 31+00 TO 33+43
17	PROPOSED CROSS-SECTIONS STA. 28+62.8 TO STA. 28+75
18	PROPOSED CROSS-SECTIONS STA. 29+00 TO STA. 29+25
19	PROPOSED CROSS-SECTIONS STA. 29+50 TO STA. 29+75
20	PROPOSED CROSS-SECTIONS STA. 30+00 TO STA. 30+26.24
21	PROPOSED CROSS-SECTIONS STA. 30+50 TO STA. 30+60
22	PROPOSED CROSS-SECTIONS STA. 30+75 TO STA. 31+00
23	PROPOSED CROSS-SECTIONS STA. 31+25 TO STA. 31+50
24	PROPOSED CROSS-SECTIONS STA. 31+75 TO STA. 32+00
25	PROPOSED CROSS-SECTIONS STA. 32+25 TO STA. 32+50
26	PROPOSED CROSS-SECTIONS STA. 32+75 TO STA. 33+00
27	PROPOSED CROSS-SECTIONS STA. 33+25 TO STA. 33+43

COLES COUNTY AIRPORT



IL. PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

Hanson Project No. 08A01980_0800
 Elevation R-002FLP.DWG
 Scale NOT TO SCALE
 Date 11/18/08

LAYOUT	CAH	11/18/08
DRAWN	BAK	11/18/08
REVIEWED	CAH	03/13/09



Hanson Professional Services Inc.
 1526 South Sixth Street
 Springfield, Illinois 62703-2886
 Offices Nationwide

REHABILITATE
 CENTER APRON
 AND
 SUMMARY OF QUANTITIES
 AND
 INDEX TO SHEETS

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 \A\2009\2009\COLES\08A01980\AIRPORT\SHEETS\R-002FLP.DWG - Layout1

SCOPE OF WORK

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AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING 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 WITH IT'S TRAILER IN THE UP POSITION.

HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND EQUIPMENT 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. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE.

THE CONTRACTOR WILL BE ALLOWED TO USE THE EXISTING AIRPORT ENTRANCE ROAD AND PARKING LOT AS HIS ACCESS TO THE PROPOSED CONSTRUCTION SITE. HE WILL ACCESS THE AIRCRAFT PARKING APRON THROUGH THE EASTERN SWING GATE THAT ACCESSES DIRECTLY ONTO THE APRON.

THE RESIDENT ENGINEER AND THE CONTRACTOR WILL WALK THE PROPOSED HAUL ROUTE TO DETERMINE ANY DEFICIENCIES IN THE PAVEMENT. AT THE END OF CONSTRUCTION THE CONTRACTOR WILL REPAIR ALL DAMAGE TO THE HAUL ROUTE THAT WAS NOT NOTICED DURING THE WALK AROUND. THE AIRPORT MANAGER CAN ARRANGE WITH THE CONTRACTOR TO REPAIR ANY DAMAGE THAT WAS EXISTING AT A COST TO THE AIRPORT.

THE CONTRACTOR'S EMPLOYEES WILL BE ALLOWED TO PARK THEIR PERSONAL VEHICLES IN THE AIRPORT AUTO PARKING LOT ALONG THE FENCE ADJACENT TO THE PROJECT. NO EMPLOYEE'S VEHICLE WILL BE ALLOWED ON THE AIR SIDE OF THE AIRPORT FENCE.

TRAFFIC MAINTENANCE

THIS ITEM OF WORK SHALL INCLUDE FURNISHING, PLACING, MAINTAINING AND REMOVING BARRICADES AND/OR TRAFFIC CONES AS REQUIRED BY THE CONTRACT DOCUMENTS. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR RED STEADY-BURN LIGHTS AND 20" SQUARE ORANGE FLAGS. ALSO INCLUDED WILL BE A SECURITY PERSON AT THE ACCESS GATE DURING PERIODS WHEN THE CONTRACTOR IS IN A CONTINUOUS HAULING OPERATION. THE FINAL WORK ITEM IS MAINTAINING THE DESIGNATED HAUL ROUTE DURING THE PERIODS OF CONTINUOUS HAULING OPERATIONS TO REMOVE DIRT, MUD, TACK OR OTHER MATERIAL IN ORDER TO SAFE GUARD THE PUBLIC.

THE CONTRACTOR WILL MAKE EVERY EFFORT TO ALLOW AIRCRAFT MOVEMENT TO AND FROM THE TWO LARGE HANGAR BUILDINGS ADJACENT TO THE PROPOSED CONSTRUCTION AREA. EQUIPMENT PARKING AND MATERIAL STORAGE WILL BE KEPT FROM IN FRONT OF THESE BUILDINGS AS MUCH AS POSSIBLE.

CONTRACTOR RESPONSIBILITIES

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

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 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.

J.U.L.I.E. INFORMATION

COUNTY _____ COLES
 CITY _____ MATTOON
 TOWNSHIP _____ LAFAYETTE
 SECTION NO. _____ 14, 15, 22 & 23
 ADDRESS _____ COLES COUNTY MEMORIAL AIRPORT
 432 AIRPORT ROAD
 MATTOON, ILLINOIS 61938

CRITICAL POINT DATA

LATITUDE: 39° 28' 52.11"
 LONGITUDE: 88° 16' 57.86"
 ELEVATION: 708.73 M.S.L.

BENCHMARK DATA

NO.	DESCRIPTION	ELEV.
1	NGS BRASS DISK IN CENTER OF EAST SIDE OF CONCRETE BASE OF GRANITE MONUMENT AT FLAG POLE. MONUMENT LOCATED WEST OF CENTRAL ILLINOIS AIR OFFICE AND HANGAR.	710.30

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.

PROPOSED SAFETY PLAN

GENERAL - THE COLES COUNTY MEMORIAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY OF THE RUNWAYS.

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 (122.70 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE COLES COUNTY MEMORIAL 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.

THE CONTRACTOR WILL FURNISH A CELL PHONE TO THE RESIDENT ENGINEER FOR HIS EXCLUSIVE USE FOR THE DURATION OF THIS PROJECT. THE RESIDENT ENGINEER WILL USE THIS PHONE FOR PROJECT BUSINESS ONLY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CHARGES ASSOCIATED WITH THIS CELL PHONE.

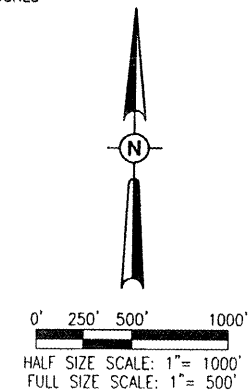
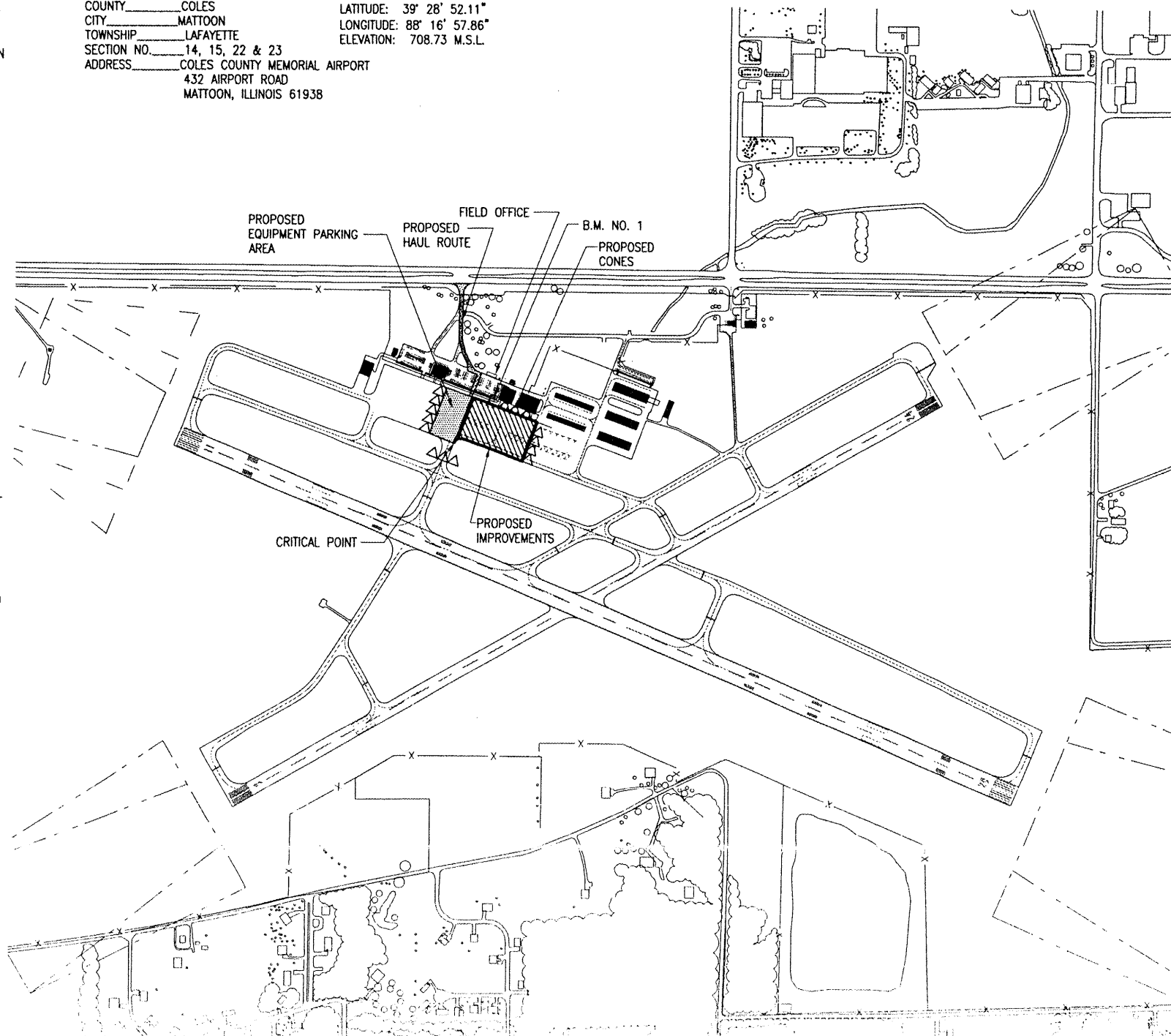
THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE ____ 1 L.S.

EROSION CONTROL

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

LEGEND

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



CO056

REVISION	DATE	BY

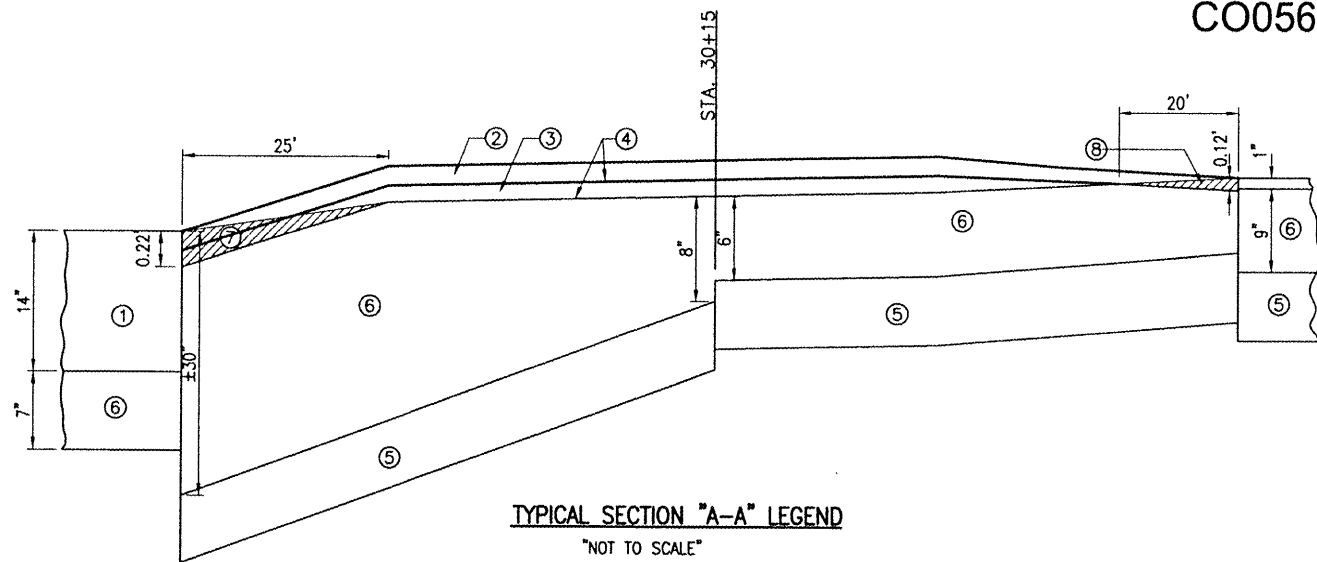
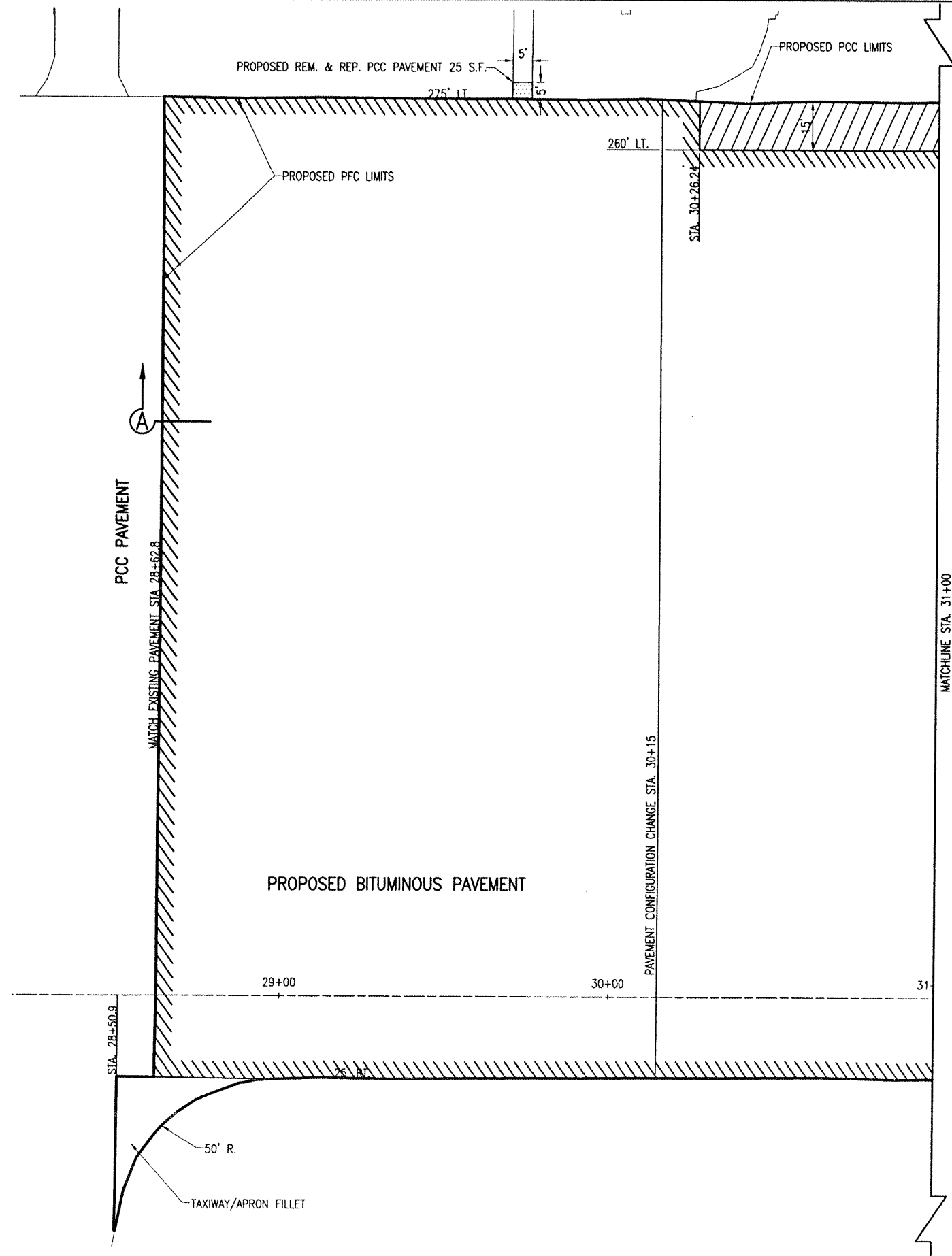
COLES COUNTY AIRPORT AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT
 I.L. PROJ.: MTO-3856
 A.I.P. PROJ.: 3-17-0066-B23

Hanson Project No. 08A01980_0800	11/18/08
Drawn: R-0035FY.DWG	CAH
Scale: 1" = 1000'	BAK
Date: 11/18/08	CAH
LAYOUT	11/18/08
DRAWN	11/18/08
REVIEWED	03/13/09

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

REHABILITATE CENTER APRON
 PROPOSED SAFETY PLAN
 3

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

- ① EXISTING 14" PCC PAVEMENT
- ② PROPOSED BITUMINOUS SURFACE COURSE (1.5" DEPTH)
- ③ PROPOSED POROUS FRICTION COURSE (0.10' DEPTH)
- ④ PROPOSED BITUMINOUS TACK COAT (0.25 GAL./S.Y.)
- ⑤ EXISTING CRUSHED AGGREGATE BASE COURSE
- ⑥ EXISTING BITUMINOUS BASE/SURFACE COURSE
- ⑦ PROPOSED BITUMINOUS PAVEMENT MILLING (0' TO 0.22')
- ⑧ PROPOSED BITUMINOUS PAVEMENT MILLING (0' TO 0.12')

P.C.C. PAVEMENT REMOVAL AND REPLACEMENT

THE AREA DESIGNATED AS [Hatched Area] ON THIS SHEET WILL HAVE THE EXISTING P.C.C. PAVEMENT ADJUSTED TO MATCH THE PROPOSED PAVEMENT. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

THE EXISTING P.C.C. PAVEMENT WILL BE REMOVED TO THE JOINT THAT IS NEAREST TO THE DIMENSIONS SHOWN ON THIS SHEET.

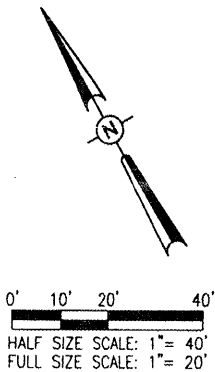
THE REMOVAL OF THE P.C.C. PAVEMENT WILL BE CONSIDERED AS AN INCIDENTAL ITEM AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
 AR501911 "REMOVE & REPLACE P.C.C. PAVEMENT" - PER S.F.

QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR401610	BITUMINOUS SURFACE COURSE	TON	1,364	
AR402622	POROUS FRICTION COURSE, 0.10'	S.Y.	14,784	
AR401610	BITUMINOUS SURFACE COURSE (LEVELING WEDGE)	TON	100	

LEGEND

- [Dotted Pattern] EXISTING PAVEMENT
- [Hatched Pattern] PROPOSED IMPROVEMENTS
- [Diagonal Lines] PROPOSED PFC LIMITS
- [Cross-hatched Pattern] PROPOSED PCC PAVEMENT
- [Stippled Pattern] PROPOSED REMOVE & REPLACE PCC PAVEMENT



CO056

DATE	REVISION	BY
4/02/09	REVISED AS PER IDA REVIEW CAH	

COLES COUNTY AIRPORT AUTHORITY

COLES COUNTY MEMORIAL AIRPORT

IL PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

Hanson Project No. 0840198D.0800	Drawn	KDM	03/13/09
File Name R-121CON.DWG	Checked	KDM	03/13/09
Scale 1" = 20'	Date	CAH	03/13/09
	LAYOUT		
	DRAWN		
	REVIEWED		

HANSON

Hanson Professional Services Inc.
 6000 N. State Street
 Springfield, Illinois 62703-2866
 Offices Nationwide

REHABILITATE CENTER APRON

PROPOSED CONSTRUCTION PLAN

STA. 28+62.8 TO STA. 31+00

DATE	REVISION	BY
4/02/09	REVISED AS PER IDA REVIEW CAH	

COLES COUNTY AIRPORT
 AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT

IL. PROJ.: MTO-3856
 A.I.P. PROJ.: 3-17-0066-B23

Report Project No. 08A0198D_0800	
Envelope R-121CON.DWG	
Scale 1" = 20'	
Date 03/13/09	
LAYOUT KDM 03/13/09	
DRAWN KDM 03/13/09	
REVIEWED CAH 03/13/09	

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

REHABILITATE
 CENTER APRON

PROPOSED
 CONSTRUCTION PLAN
 STA. 31+00 TO STA. 33+43

BITUMINOUS TACK COAT NOTES

PRIOR TO THE PLACEMENT OF THE PROPOSED 402 "POROUS FRICTION COURSE", THE AREA TO BE OVERLAID WITH THE POROUS FRICTION COURSE WILL BE SPRAYED WITH AN APPLICATION OF A BITUMINOUS TACK COAT. AN APPLICATION RATE OF 0.25 GALLONS PER SQUARE YARD WAS USED FOR CALCULATING THE QUANTITY OF TACK COAT FOR THIS APPLICATION. THE EXACT AMOUNT OF BITUMINOUS TACK COAT TO BE USED SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
 AR603510 "BITUMINOUS TACK COAT" - PER GAL.

GENERAL PAVEMENT PREPARATION

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING WORK ITEMS BEFORE A TACK COAT CAN BE APPLIED:

- BLADE THE EARTH AND SOD BACK FROM EDGE OF THE PAVEMENT.
- USE A PESTICIDE TO KILL ALL WEEDS ON THE EXISTING PAVEMENT SURFACE.
- ONCE THE WEEDS HAVE DIED USE A TORCH TO BURN OFF WEEDS.
- POWER BROOM THE LOOSE UNWANTED MATERIAL OFF THE PAVEMENT.

THE ABOVE WORK WILL BE CONSIDERED INCIDENTAL TO PAY ITEM AR603510 "BITUMINOUS TACK COAT" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

POROUS FRICTION COURSE

THE PROPOSED POROUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF 0.10 FOOT. AREAS AS LABELED ADJACENT TO THE MILLING WILL BE TAPERED AS SHOWN IN THE PFC TAPER DETAIL. THE POROUS FRICTION COURSE PAVING JOINTS WILL BE OFFSET FROM THE EXISTING PAVEMENT JOINTS.

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.

THE POROUS FRICTION COURSE TAPER AREA WILL BE INCLUDED IN THE AREA TO BE PAID FOR UNDER THE POROUS FRICTION COURSE PAY ITEM.

THE POROUS FRICTION COURSE AND THE PFC TAPER WILL BE PAID FOR UNDER ITEM:
 AR402622 POROUS FRICTION COURSE, 0.10' - PER S.Y.

**AR401610 BITUMINOUS SURFACE COURSE-
 METHOD 1, SUPERPAVE**

THE BITUMINOUS SURFACE COURSE (401) SHALL BE PLACED IN ACCORDANCE WITH ITEM AR401003 "BITUMINOUS SURFACE COURSE-METHOD 1, SUPERPAVE" AS STATED ON PAGE 273 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 SURFACE COURSE (1-1/2 INCH DEPTH) ON THE PROPOSED POROUS FRICTION COURSE PAVEMENT.

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

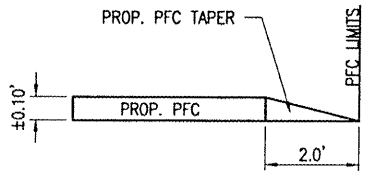
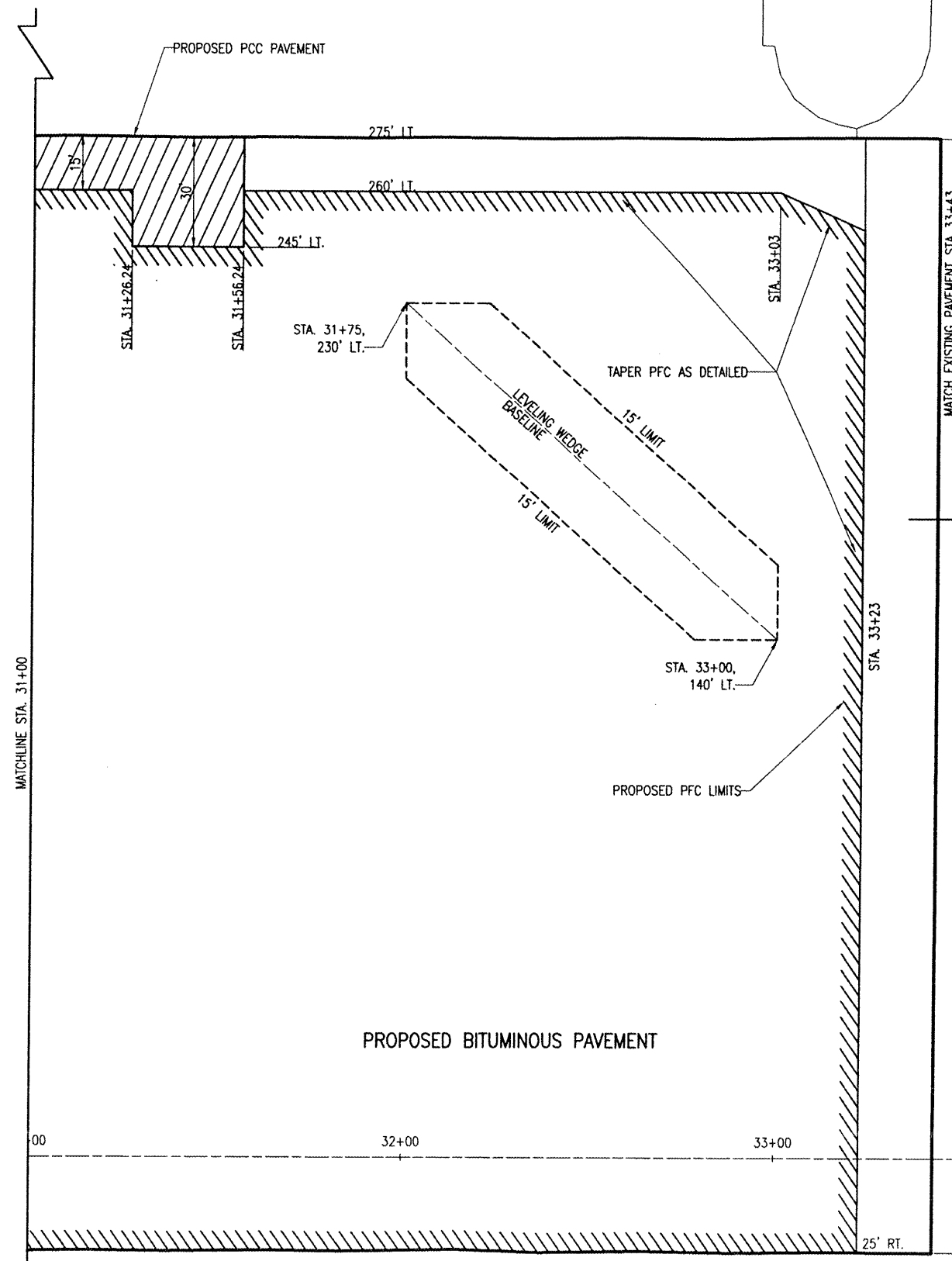
THE PROPOSED BITUMINOUS SURFACE COURSE WILL BE DESIGNED TO A SUPERPAVE DESIGN OF MORE THAN 60,000 POUNDS FOR RUNWAY/TAXIWAY PAVEMENTS.

401-4.9 ADD THE FOLLOWING PARAGRAPH AFTER THE FOURTH PARAGRAPH:

"NO STRINGLINE WILL BE REQUIRED TO ACHIEVE THE PROPOSED GRADES OF THE BITUMINOUS APRON OVERLAY. THE CONTRACTOR WILL PLACE A CONSISTENT 1-1/2 INCHES OVER THE ENTIRE OVERLAY AREA. MINOR CHANGES, IF NECESSARY, TO THIS DEPTH WILL BE MADE TO PROVIDE POSITIVE DRAINAGE PROVIDING AN AVERAGE DEPTH OF 1-1/2 INCHES IS MAINTAINED. A SMALL WEDGE AS DETAILED IN THE PLANS WILL BE PLACED TO ENHANCE THE CROWN OR BREAK-OVER POINT. THIS WEDGE WILL BE IN PLACE PRIOR TO PLACING THE POROUS FRICTION COURSE.

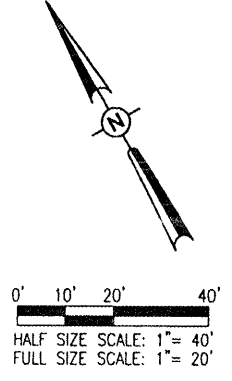
401-4.12 ADD THE FOLLOWING TO THIS PARAGRAPH:

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.



LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED PFC LIMITS
- PROPOSED PCC PAVEMENT



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BITUMINOUS PAVEMENT MILLING

THE AREA(S) DESIGNATED AS [] ON THIS SHEET AND SHEET NO. 7 WILL BE CUT OR TRIMMED AS SHOWN ON THIS SHEET AND THE TYPICAL SECTION. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO- MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE STANDARD SPECIFICATIONS.

MILLING FROM STA. 28+62.8 TO STA. 28+87.8 WILL BE TAPERED FROM 0.22' BELOW THE ADJACENT CONCRETE PAVEMENT TO 0' AT STA. 28+87.8. A TAPER WILL BE MILLED FROM STA. 30+26.24 TO STA. 30+00 AND FROM 275' LT. TO 260' LT. THE DEPTH OF MILLING WILL BE 0.22' AT STA. 30+26.24, 275' LT. AND TAPER IN BOTH DIRECTIONS TO A DEPTH OF 0'. THE TAXIWAY/APRON FILLET WILL BE MILLED A CONSISTENT 0.12' IN DEPTH.

MILLING ON THE FOLLOWING SHEET WILL TAPER FROM A DEPTH OF 0.12' BELOW THE EXISTING CONCRETE PAVEMENT AT 275' LT. TO A DEPTH OF 0' BY 260' LT AS SHOWN ON THE PLANS. A BUTT JOINT WILL ALSO BE MILLED FROM STA. 33+43 WITH A DEPTH OF 0.12' TO STA. 33+23 WITH A DEPTH OF 0'.

IF A SQUARE STRAIGHT EDGE IS NOT OBTAINED FROM THE MILLING OPERATIONS, THE EXISTING PAVEMENT WILL BE SAWED 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:
AR401655 "BUTT JOINT CONSTRUCTION" - PER S.Y.

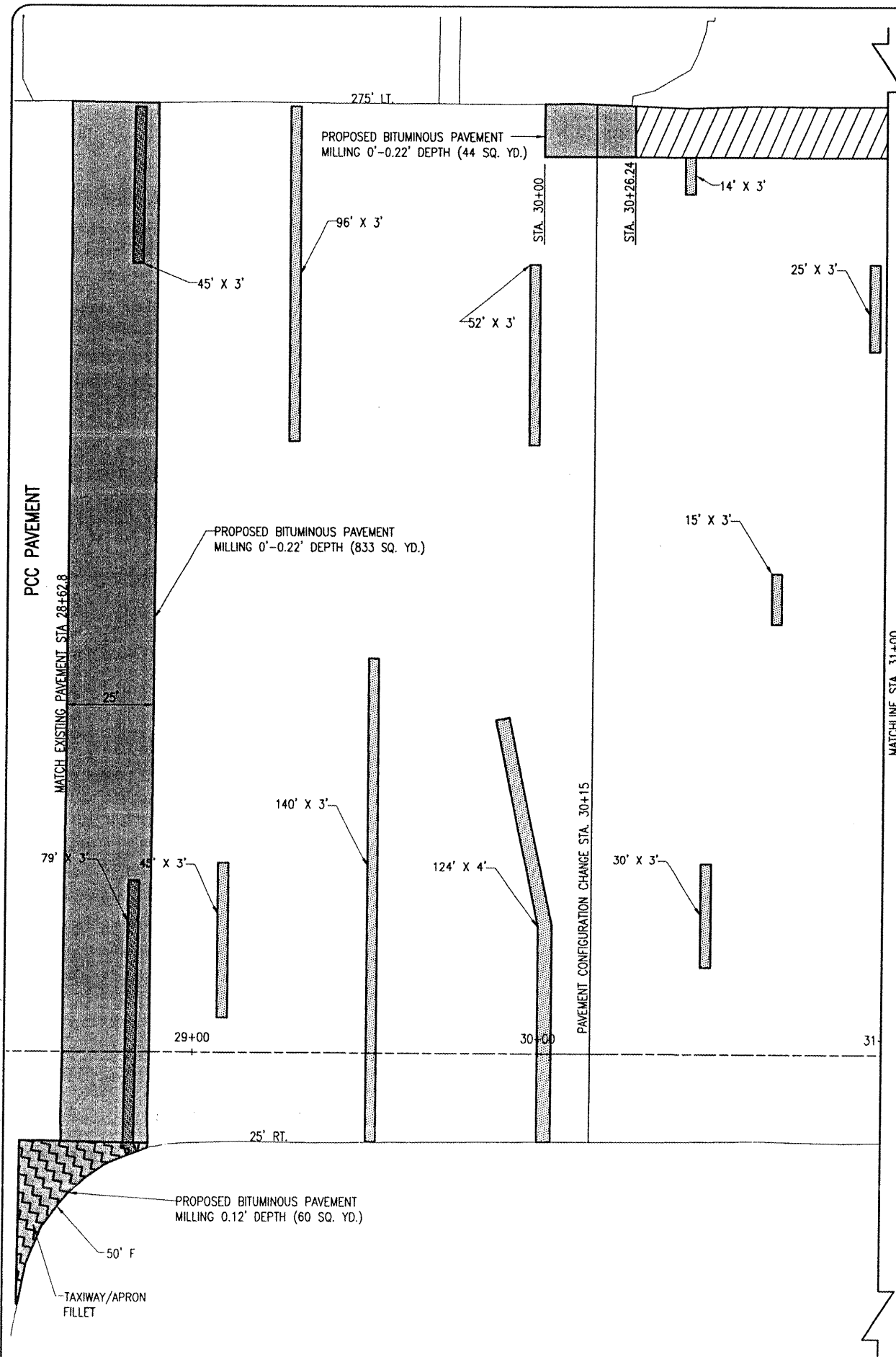
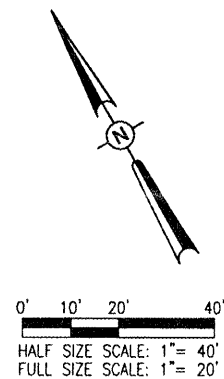
QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	1,834	
AR401915	REMOVE & REPLACE BIT. PAVEMENT	S.Y.	267	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	1,893	

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.

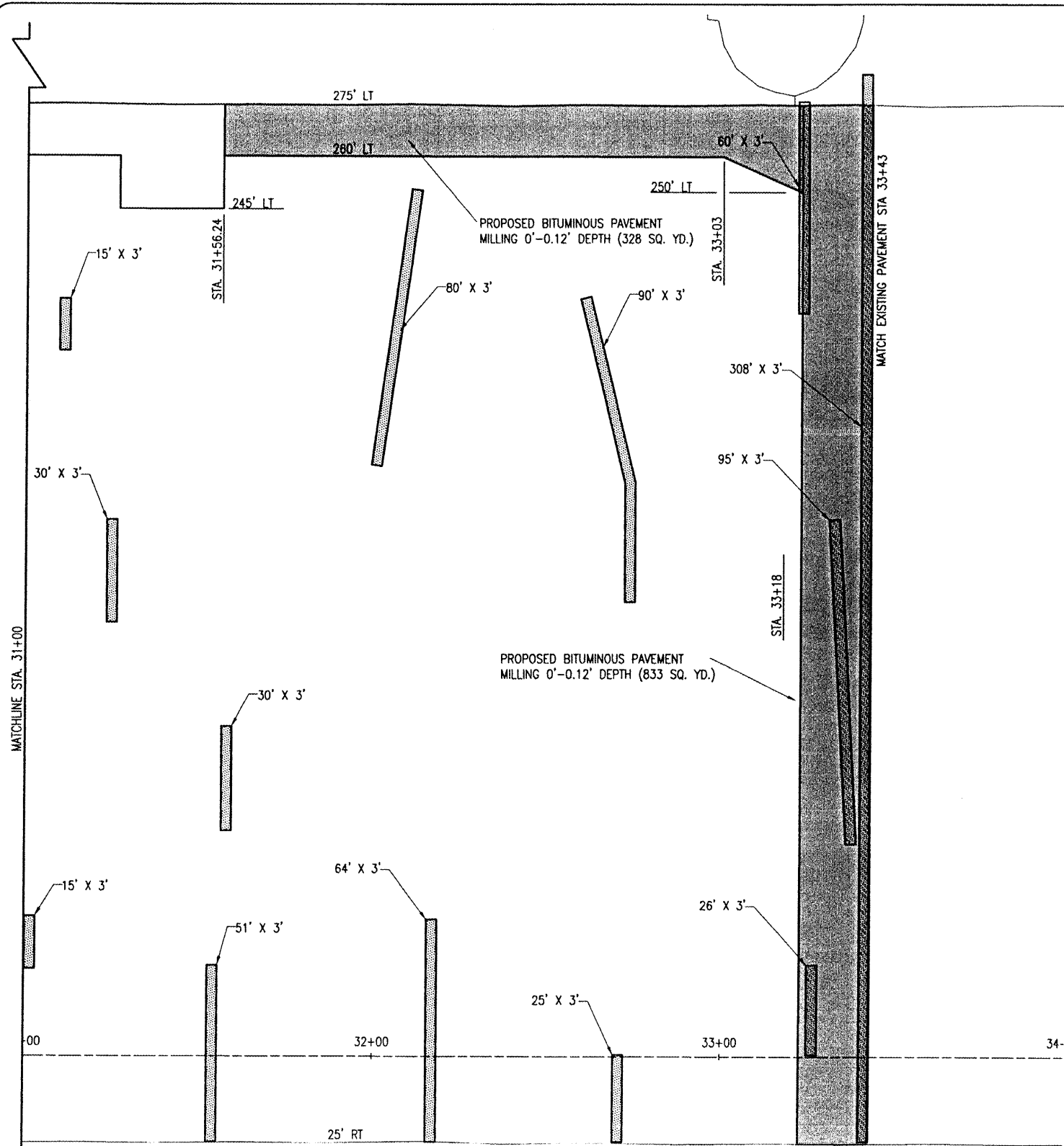
LEGEND

- [] EXISTING PAVEMENT
- [] EXISTING BUILDINGS
- [] REMOVE AND REPLACE BITUMINOUS PAVEMENT
- [] BITUMINOUS PAVEMENT TO BE REMOVED
- [] BITUMINOUS PAVEMENT MILLING (0' TO 0.22' DEPTH)
- [] BITUMINOUS PAVEMENT MILLING (0.12' DEPTH)



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	A.I.P. PROJ.: 3-17-0066-823 I.L. PROJ.: MTO-3856	HANSON Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62705-2886 Offices Nationwide	REHABILITATE CENTER APRON PROPOSED PAVEMENT PREPARATION PLAN STA. 28+62.8 TO STA.31+00
Revision History Table: DATE: 4/02/09 REVISION: 1 REVISION AS PER: DA REVIEW CAH		Project Information: Hanson Project No.: 08A0198D_0800 Drawing: R-112PRP.DWG Scale: 1" = 20' Date: 03/11/09	
Approval Table: LAYOUT: MDR 03/13/09 DRAWN: KDM 03/13/09 REVIEWED: CAH 03/13/09		Sheet Number: 6	



REMOVE AND REPLACE BITUMINOUS PAVEMENT

THE AREA(S) DESIGNATED AS [Hatched Pattern] ON THIS SHEET AND THE PREVIOUS SHEET WILL HAVE THE EXISTING BITUMINOUS PAVEMENT REMOVED A MINIMUM OF 8" BELOW THE EXISTING PAVEMENT SURFACE AND REPLACED WITH BITUMINOUS SURFACE COURSE. THE BITUMINOUS SURFACE COURSE USED IN THE REPLACEMENT WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AND REPLACEMENT AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

THE CONTRACTOR WILL FILL THE REPAIR AREAS WITH 3 TO 4 LIFTS OF BITUMINOUS SURFACE COURSE MIX. THE FIRST 2 TO 3 LIFTS WILL BE COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE FINAL LIFT WILL REQUIRE A DENSITY OF 92%. A MINIMUM OF THREE TESTS PER 100 SQUARE YARDS WILL BE PERFORMED FOR ACCEPTANCE.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR401910 "REMOVE AND REPLACE BITUMINOUS PAVEMENT" - PER S.Y.

CLEANING AND SEALING BITUMINOUS CRACKS

THE PAVEMENT CONDITIONS AND CRACKS WERE IDENTIFIED DURING A SURVEY OF THE EXISTING PAVEMENTS PERFORMED ON JANUARY 2009. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

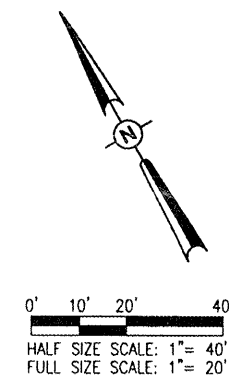
ALL CRACKS DESIGNATED BY THE RESIDENT ENGINEER FOR CLEANING AND SEALING WILL BE DONE SO AS STATED IN THE SPECIAL PROVISIONS.

THE PROPOSED PAVEMENT MILLING WILL BE ACCOMPLISHED BEFORE THE CRACKS ARE CLEANED AND SEALED. THE RESIDENT ENGINEER WILL DETERMINE IF THE CRACKS LOCATED IN A MILLED AREA ARE LARGE ENOUGH TO WARRANT CLEANING AND SEALING.

THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR201661 "CLEANING & SEALING BITUMINOUS CRACKS" - PER L.F.

LEGEND

- [White Box] EXISTING PAVEMENT
- [Black Box] EXISTING BUILDINGS
- [Hatched Box] REMOVE AND REPLACE BITUMINOUS PAVEMENT
- [Diagonal Lines Box] BITUMINOUS PAVEMENT TO BE REMOVED
- [Dotted Box] BITUMINOUS PAVEMENT MILLING (0' TO 0.12' DEPTH)



DATE	REVISION	BY
4/02/09	REVISED AS PER IDA REVIEW CAH	CAH

COLLES COUNTY AIRPORT

 COLLES COUNTY MEMORIAL AIRPORT
 A.I.P. PROJ.: 3-17-0066-823
 I.L. PROJ.: MTO-3856

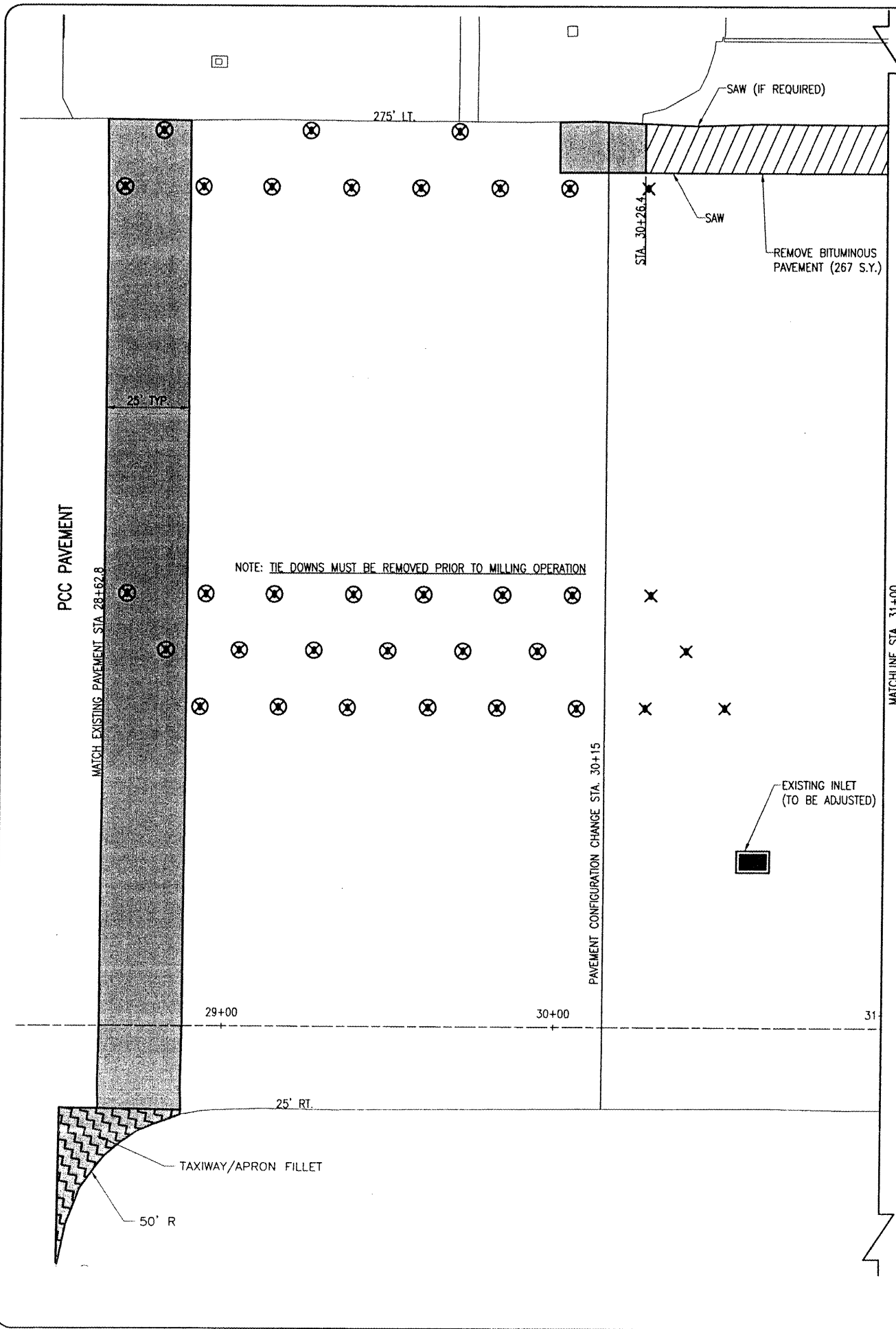
Hanson Project No. 08A01980_0800	MDR	03/13/09
Filename: R-112PRP.DWG	KDM	03/13/09
Scale: 1"=20'	CAH	03/13/09
Date: 03/13/09		

HANSON

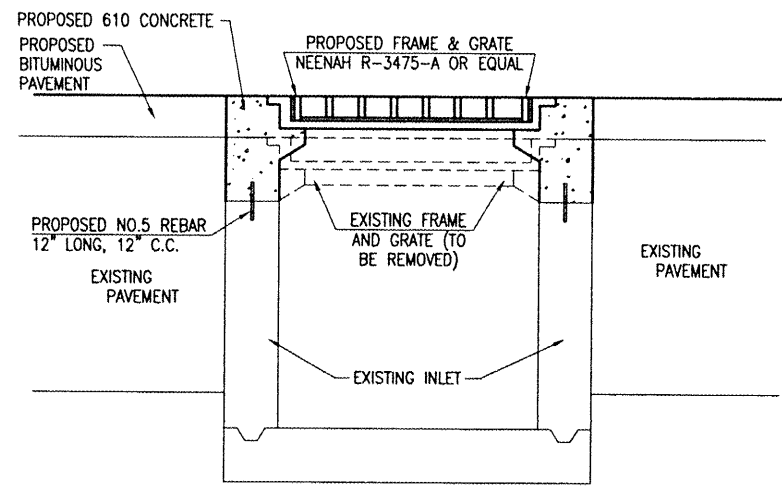
 Hanson Professional Services Inc.
 1525 South Sherman Street
 Springfield, IL 62766
 Offices Nationwide

REHABILITATE CENTER APRON
 PROPOSED PAVEMENT PREPARATION PLAN
 STA. 31+00 TO STA. 33+43

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MATCHLINE STA. 31+00



PROPOSED INLET ADJUSTMENT DETAIL
 "NOT TO SCALE"

NOTES

THE EXISTING INLET WILL BE ADJUSTED AS SHOWN ON THE DETAIL ON THIS SHEET AND IN ACCORDANCE TO THE SPECIAL PROVISIONS.

THE EXISTING FRAME SHALL BE JACKHAMMERED FROM THE EXISTING INLET AND A NEW FRAME RESET AS SHOWN IN THE DETAIL AND IN ACCORDANCE WITH THIS SHEET.

THE PROPOSED INLET ADJUSTMENT WILL BE PAID FOR UNDER THE FOLLOWING:
 AR751940 "ADJUST INLET" _____ 1 EACH.

REMOVE BITUMINOUS PAVEMENT

THE AREA DESIGNATED AS ON THIS SHEET AND THE FOLLOWING SHEET WILL HAVE THE EXISTING BITUMINOUS PAVEMENT SAWED AND REMOVED (FULL DEPTH). EXCESS ROCK WILL BE REMOVED TO ACCOMMODATE THE 9" PCC PAVEMENT AND PROVIDE A SUITABLE SUBGRADE. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.

IF A TRUE AND VERTICAL EDGE DOES NOT EXIST WHERE THE PROPOSED REMOVAL AREA ABUTTS THE EXISTING CONCRETE PAVEMENT, THE PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET. 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.

- LEGEND**
- EXISTING PAVEMENT
 - REMOVE EXISTING TIE-DOWN (TYPE A)
 - REMOVE EXISTING TIE-DOWN (TYPE B)
 - PROPOSED BITUMINOUS MILLING (TAPER 0'-0.22')
 - PROPOSED BITUMINOUS MILLING (0.12')
 - REMOVE BITUMINOUS PAVEMENT

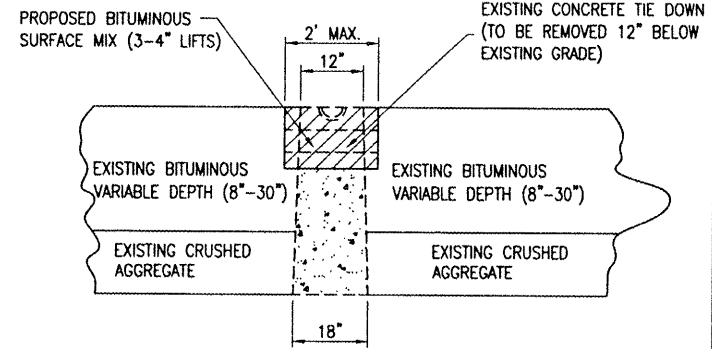
TIE-DOWN REMOVAL (TYPE A) NOTE

THE EXISTING TIE DOWNS LOCATED BETWEEN STA. 28+62.8 TO STA. 30+15 WILL BE REMOVED 12" BELOW THE EXISTING GRADE AND THE DEBRIS AND CASTING WILL BE DISPOSED OF OFF THE AIRPORT SITE.

THE CONTRACTOR WILL SAW 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 THREE(3) LIFTS OF BITUMINOUS SURFACE MIX. THE FIRST TWO LIFTS WILL BE COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE FINAL LIFT WILL REQUIRE A DENSITY OF 92%. A MINIMUM OF THREE TESTS ON THREE DIFFERENT REMOVALS WILL BE PERFORMED EACH DAY FOR ACCEPTANCE.

THE REMOVAL AND DISPOSAL OF THE TIE DOWNS AND FILLING OF THE HOLES WITH BITUMINOUS SURFACE COURSE WILL BE PAID FOR UNDER ITEM:
 AR510901 "REMOVE TIE DOWN-TYPE A" _____ PER EA.

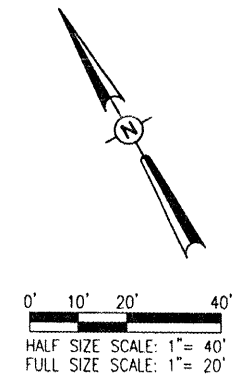


TIE-DOWN REMOVAL (TYPE A) DETAIL
 "NOT TO SCALE"

TIE-DOWN REMOVAL (TYPE B) NOTES

THE CONTRACTOR WILL EXCAVATE AROUND THE PERIMETER OF THE TIE DOWNS LOCATED BETWEEN STA. 30+15 AND 30+60 AND REMOVE THE TIE DOWN STRUCTURES IN THEIR ENTIRETY. ANY DISPLACEMENT/DAMAGE TO THE SURROUNDING PAVEMENT WILL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE RESULTING HOLE WILL BE BACKFILLED WITH CA-6 TO THE BOTTOM OF THE EXISTING BITUMINOUS PAVEMENT. THE CA-6 WILL BE PLACED IN LIFTS NOT TO EXCEED 8" IN DEPTH AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE REMAINDER OF THE HOLE WILL BE BACKFILLED WITH BITUMINOUS SURFACE COURSE. THE SURFACE COURSE WILL BE PLACED IN 2 TO 3 LIFTS OF 2 TO 3 INCHES. THE FIRST LIFTS WILL BE COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER AND THE FINAL LIFT WILL BE COMPACTED TO A DENSITY OF 92%. TWO OF THESE TIE DOWNS WILL BE TESTED FOR ACCEPTANCE.

THE REMOVAL AND DISPOSAL OF THE TIE DOWNS AND FILLING OF THE HOLES WITH CA-6 AND BITUMINOUS SURFACE COURSE WILL BE PAID FOR UNDER ITEM:
 AR510902 "REMOVE TIE DOWN-TYPE B" _____ PER EA.



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BY	REVISION	DATE

COLES COUNTY AIRPORT AUTHORITY

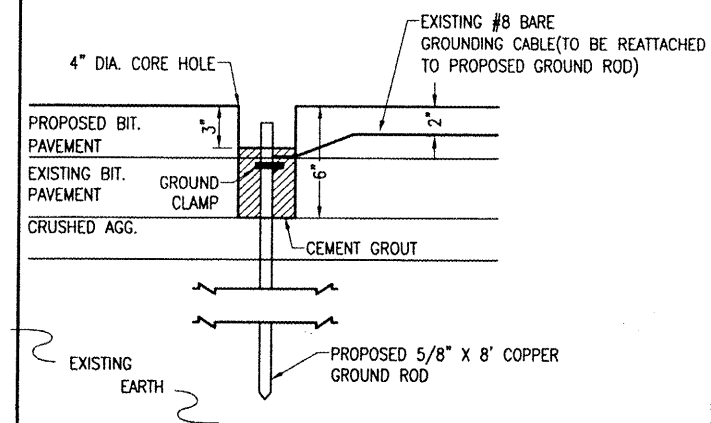
 ILL. PROJ.: MTO-3856
 A.I.P. PROJ.: 3-17-0066-B23

Hanson Project No. 08A0198D_0800	03/11/09
Drawn: R-111PRP.DWG	03/11/09
Scale: SCALE	03/11/09
Date: 03/11/09	03/11/09
LAYOUT: KOM	CAH
DRAWN: MDR	CAH
REVIEWED: CAH	CAH

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

REHABILITATE CENTER APRON
 PROPOSED TIE DOWN REMOVAL PLAN
 STA. 28+62.8 TO STA. 31+00



GROUND ROD DETAIL
"NOT TO SCALE"

GROUND ROD NOTE

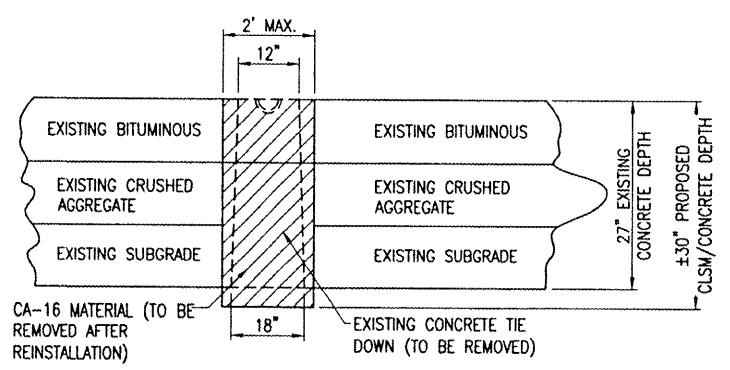
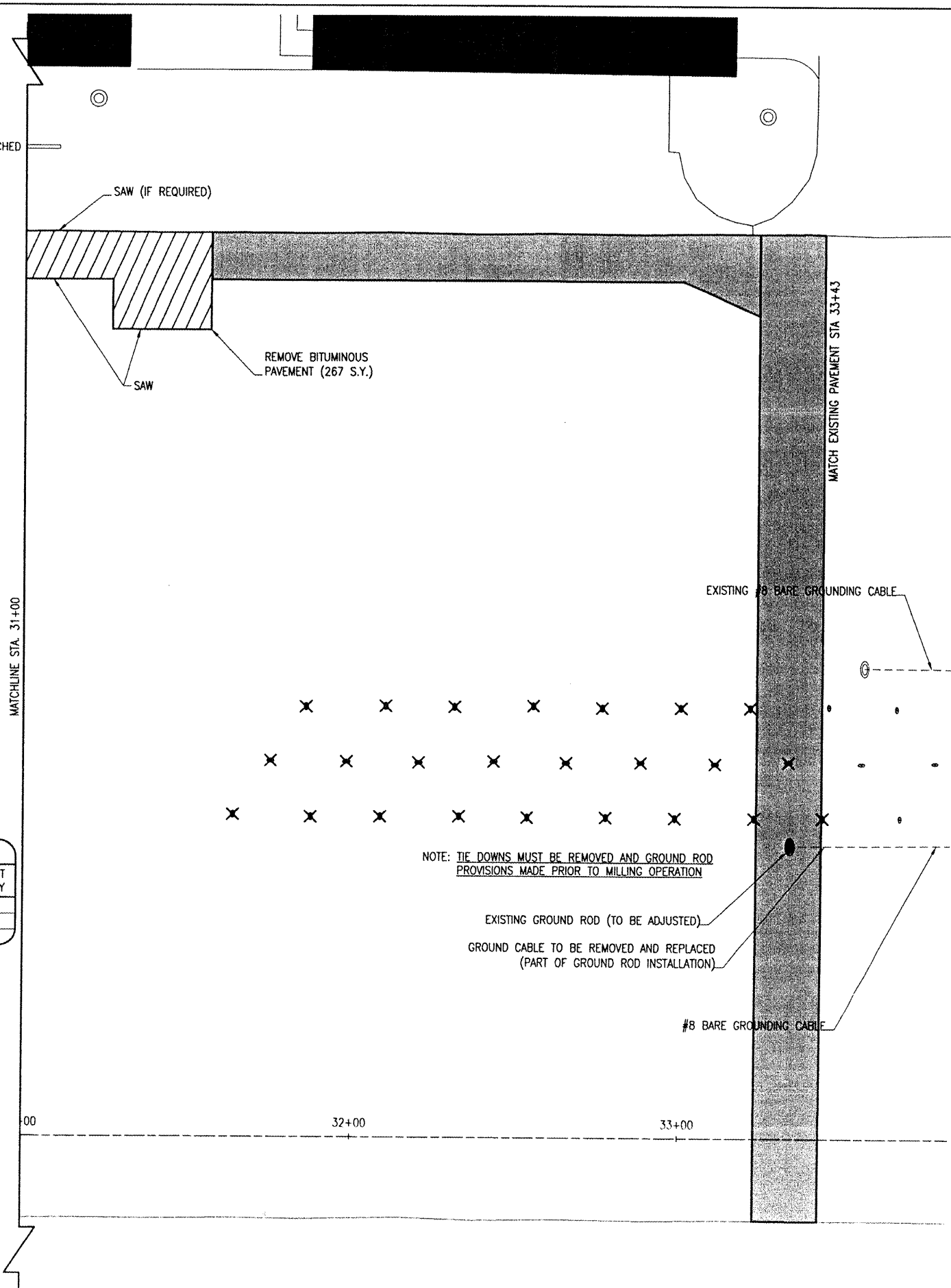
THE CONTRACTOR WILL DETACH THE EXISTING GROUND WIRE FROM THE EXISTING GROUND ROD AND PULL THE WIRE FROM THE EXISTING SAW CUT BEYOND THE MILLING LIMITS. THE CONTRACTOR WILL DRIVE THE EXISTING GROUND ROD ±12" BELOW THE EXISTING GRADE AND; AFTER REMOVING ALL DELETERIOUS MATERIAL, BACKFILL THE REMAINING CORE HOLE WITH BITUMINOUS SURFACE MIX.

UPON COMPLETION OF THE PAVING OPERATION, THE CONTRACTOR WILL OFFSET ONE FOOT FROM THE EXISTING GROUND ROD LOCATION AND CORE/DRILL THE PAVEMENT AND INSTALL THE PROPOSED GROUND ROD AS DETAILED. THE CONTRACTOR WILL SAW CUT THE PROPOSED PAVEMENT, BUTT SPLICE NEW NO. 8 BARE GROUNDING CABLE TO THE EXISTING CABLE AND INSTALL THIS CABLE IN THE SAW CUT. THE CONTRACTOR WILL CONNECT THE GROUNDING CABLE TO THE PROPOSED GROUND ROD AS DETAILED AND SEAL THE SAW CUT WITH AN APPROVED SEALANT.

THE REMOVAL AND REPLACEMENT OF THE GROUND ROD CABLE, DRIVING THE EXISTING GROUND ROD BELOW GRADE, FILLING OF REMAINING CORE HOLE AND INSTALLATION OF THE PROPOSED GROUND ROD WILL BE PAID FOR UNDER ITEM:
AR510515 "GROUND ROD" _____ PER EACH

QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AS BUILT QUANTITY
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	267	
AR510901	REMOVE TIE DOWN-TYPE A	EACH	29	
AR510902	REMOVE TIE DOWN-TYPE B	EACH	29	



TIE-DOWN REMOVAL (TYPE B) DETAIL
"NOT TO SCALE"

TIE-DOWN REMOVAL (TYPE B) NOTE

PRIOR TO REMOVAL OF THE EXISTING TIE DOWNS BETWEEN STA. 31+50 AND 33+50, THE CONTRACTOR WILL ACCURATELY LOCATE EACH STRUCTURE SO THEY MAY BE REPLACED IN THE SAME LOCATION. THESE EXISTING TIE DOWNS WILL BE REMOVED ENTIRELY AND THE DEBRIS AND CASTING WILL BE DISPOSED OF OFF THE AIRPORT SITE.

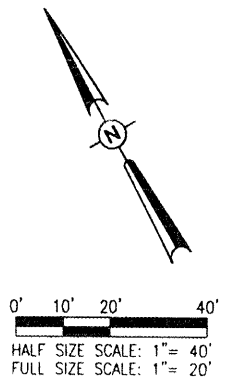
THE CONTRACTOR WILL EXCAVATE AROUND THE PERIMETER OF THE TIE DOWNS TO BE REMOVED PRIOR TO REMOVING THE TIE DOWN STRUCTURES. ANY DISPLACEMENT/DAMAGE TO THE SURROUNDING PAVEMENT WILL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE CONTRACTOR WILL FILL THE REMAINING HOLE WITH CA-16 TO THE BOTTOM OF THE SURROUNDING BITUMINOUS PAVEMENT. THE CONTRACTOR WILL FILL THE REMAINING HOLE WITH TWO(2) LIFTS OF BITUMINOUS SURFACE MIX. THE LIFTS WILL BE COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE REMOVAL AND DISPOSAL OF THE TIE DOWNS AND FILLING OF THE HOLES WITH BITUMINOUS SURFACE COURSE WILL BE PAID FOR UNDER ITEM:
AR510902 "REMOVE TIE DOWN-TYPE B" _____ PER EA.

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- EXISTING GROUND ROD (TO REMAIN)
- EXISTING GROUND ROD (TO BE REM. & REP.)
- EXISTING TIE DOWN
- REMOVE EXISTING TIE DOWN (TYPE A)
- REMOVE EXISTING TIE DOWN (TYPE B)
- EXISTING #8 BARE GROUNDING CABLE



DATE	REVISION	BY

COLES COUNTY AIRPORT AUTHORITY
COLES COUNTY MEMORIAL AIRPORT

IL PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-823

Hanson Project No. 0840198D.0800	Drawn: R-111PRP.DWG	Scale: STA. 31+00 TO STA. 33+43	Date: 03/11/09
LAYOUT	KDM	MDR	CAH
DRAWN	03/11/09	03/11/09	03/13/09
REVIEWED			

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Hanson Professional Services Inc.
1000 South State Street
Springfield, IL 62703-2886
Offices Nationwide

CENTER APRON
PROPOSED TIE DOWN
REMOVAL PLAN
PLAN

SODDING DATA

THE GRADING LIMITS ARE SHOWN ON THE STAKING PLAN SHEETS BY A HEAVY DASHED LINE (---). ALL AREAS WITHIN THESE LIMITS, EXCEPT THE PROPOSED PAVEMENT, SHALL BE LIMED, FERTILIZED AND SEEDED IN ACCORDANCE WITH THE FOLLOWING FORMULA AND RATES OF APPLICATION.

LIME (TONS PER ACRE)	2
FERTILIZER (MINIMUM POUNDS OF AVAILABLE PLANT FOOD PER ACRE)	
N	90
P2O5	350
K2O	240
TOTAL	680

THIS WORK WILL BE PAID FOR UNDER THE FOLLOWING:
ITEM NO. AR904510 "SODDING" _____ PER S.Y.

QUANTITY OF SODDING _____ 307 S.Y.

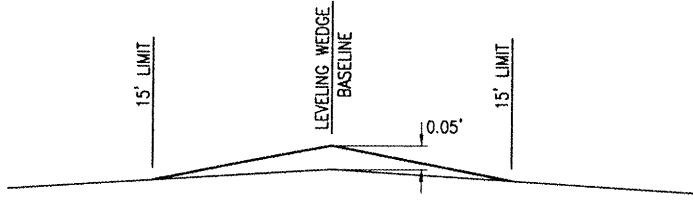
ALL AREAS OUTSIDE THE GRADING AND SODDING LIMITS DISTURBED BY THE CONTRACTOR WILL BE LIMED, FERTILIZED AND SODDED IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM AR904510, AT NO ADDITIONAL COST TO THE CONTRACT.

THE SOIL SHALL BE THOROUGHLY LOOSENEED TO A DEPTH NOT LESS THAN 5 INCHES.

THE SOD BED SHALL BE SMOOTH AND TO GRADE PRIOR TO THE SODDING OPERATIONS. THE CONTRACTOR WILL USE DRAG BARS, HARROWS OR OTHER EQUIPMENT NECESSARY TO OBTAIN A SMOOTH GRADE TO THE SATISFACTION OF THE ENGINEER.

ALL ROCK, ASPHALT OR CONCRETE DEBRIS LEFT FROM THE PAVING OPERATION WILL BE DISPOSED OF OFF THE AIRPORT SITE.

THE PRIME CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF ALL SUB-CONTRACTORS AS TO THEIR RESPONSIBILITIES PERTAINING TO THE SODDING OPERATIONS.



LEVELING WEDGE DETAIL
"NOT TO SCALE"

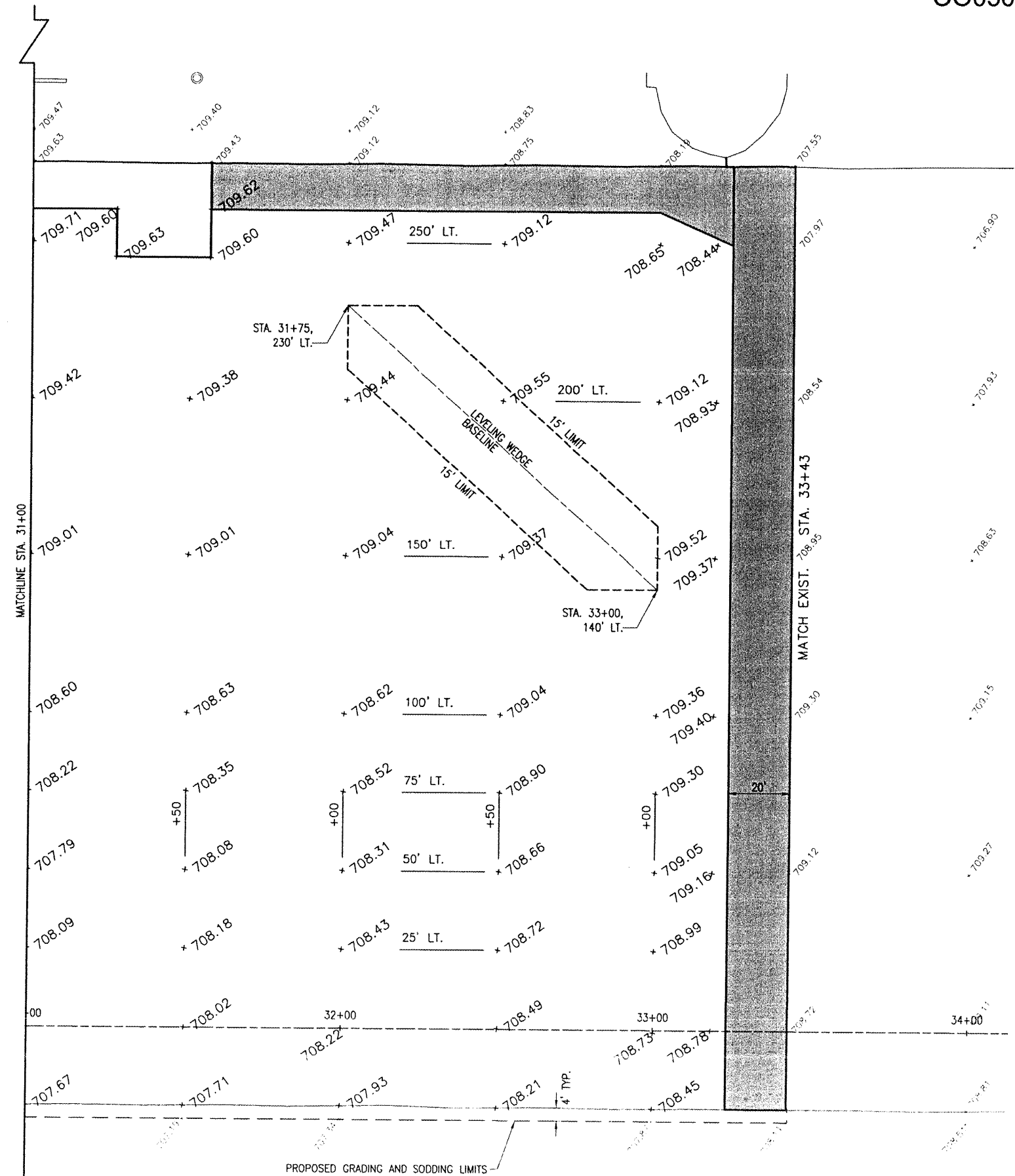
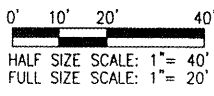
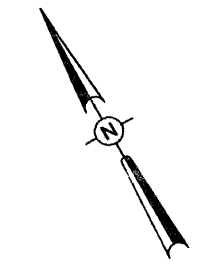
LEVELING WEDGE NOTE

PRIOR TO MAINLINE PAVING OPERATIONS, THE CONTRACTOR WILL USE BITUMINOUS SURFACE TO FORM A LEVELING WEDGE TO ENHANCE DRAINAGE IN A RELATIVELY FLAT AREA OF THE APRON. HE WILL START THE PAVING FROM ONE SIDE OF THE LEVELING WEDGE BASELINE AND PROCEED AT GRADE ZERO (SCRATCH) AND GRADUALLY EASE THE BASELINE GRADE UP TO A THICKNESS OF 0.05' IN 25 FEET. THE CONTRACTOR WILL PROCEED AS SHOWN ON THE STAKING PLAN AND TAPER THE BASELINE GRADE TO 0 IN 25 FEET. THE CONTRACTOR WILL THEN PAVE THE OTHER SIDE OF THE LEVELING WEDGE SIMILARLY MATCHING THE PREVIOUSLY LAID 0.05' WEDGE.

THIS WORK WILL BE PAID FOR UNDER:
AR401610 BITUMINOUS SURFACE COURSE _____ PER TON

LEGEND

- EXISTING IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED BITUMINOUS MILLING (TAPER 0'-0.12')
- EXISTING GRADE
- PROPOSED GRADE



BY	REVISION	DATE

COLES COUNTY AIRPORT

 AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT
 A.I.P. PROJ.: 3-17-0066-B23
 I.L. PROJ.: MFO-3856

Hanson Project No. 08A0198D-0800	DATE	03/11/09
Drawn R-191 STK.DWG	DATE	03/13/09
Scale 1" = 20'	DATE	03/13/09
Date 03/11/09	DATE	03/13/09
LAYOUT	KOM	CAH
DRAWN	MOR	
REVIEWED		

HANSON

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

REHABILITATE CENTER APRON
 PROPOSED STAKING PLAN
 STA. 31+00.0 TO STA. 33+43.0

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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 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.

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

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

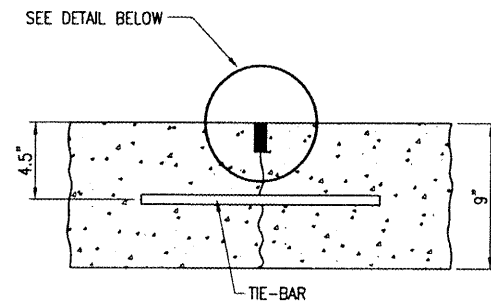
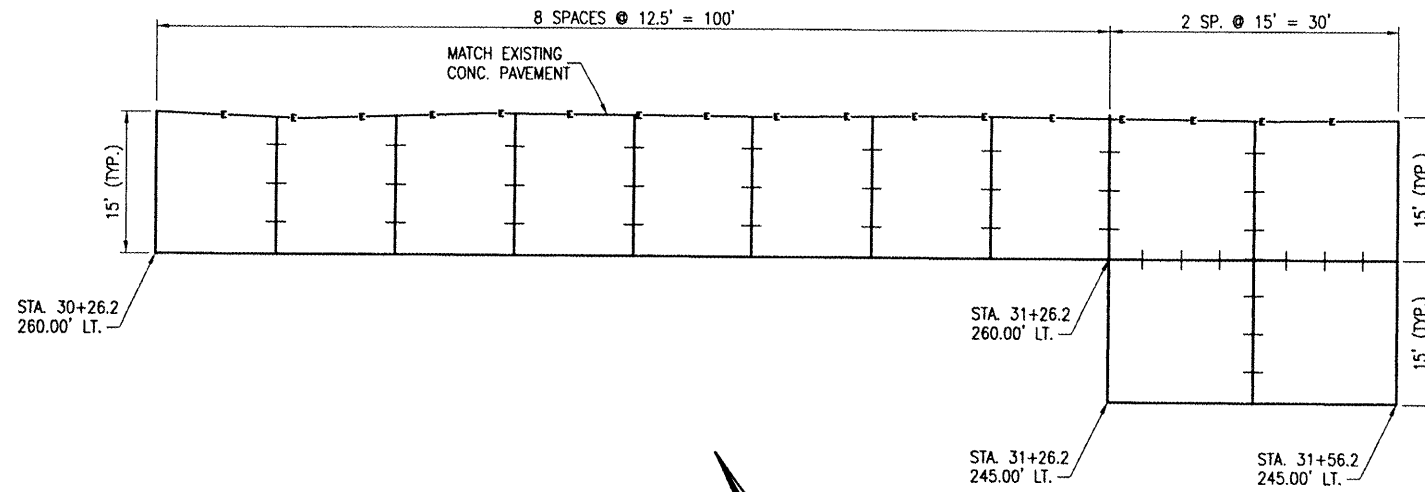
PRIOR TO PLACING ADJACENT PAVEMENT SECTIONS, THE VERTICAL EDGE SHALL BE CHECKED FOR TRUENESS IF THE FACE IS BURRED OR IRREGULAR, THE CONTRACTOR SHALL GRIND, STONE OR SAW THE FACE A MINIMUM OF 2" IN DEPTH TO PRODUCE A SMOOTH AND STRAIGHT EDGE.

WHEN CONSTRUCTING "FILL-IN" PAVEMENT LANES THE CONTRACTOR SHALL USE BELTING OR OTHER PROTECTIVE MATERIAL FOR THE PAVING MACHINE TO TRAVEL ON AND WILL ROPE THE TRANSVERSE JOINTS.

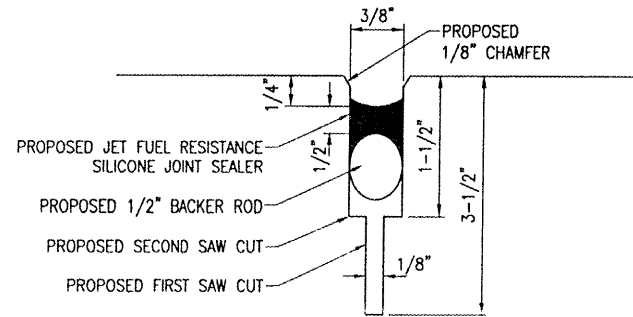
JOINT SEALANT SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS ITEM 501-2.5.

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.

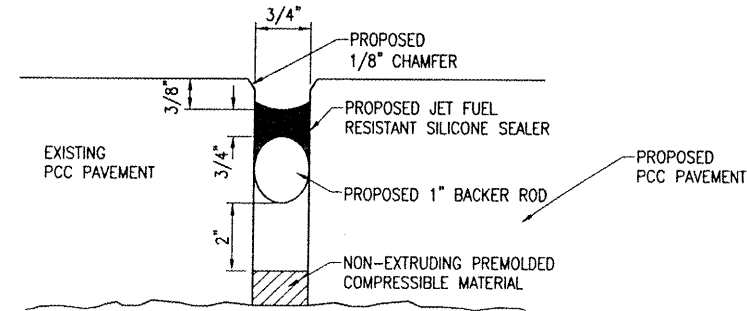
ALL NON-ALIGNED EDGES WILL BE SAWED FULL DEPTH.



TYPE G HINGED
CONSTRUCTION/CONTRACTION JOINTS



CONSTRUCTION/CONTRACTION DETAIL
"NOT TO SCALE"



EXPANSION JOINT DETAIL
"NOT TO SCALE"

- LEGEND**
- EXISTING PAVEMENT
 - E — PROPOSED EXPANSION JOINT
 - + + — PROPOSED CONSTRUCTION/CONTRACTION JOINT

DATE	REVISION	BY

COLES COUNTY AIRPORT

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 I.L. PROJ.: MTO-3856

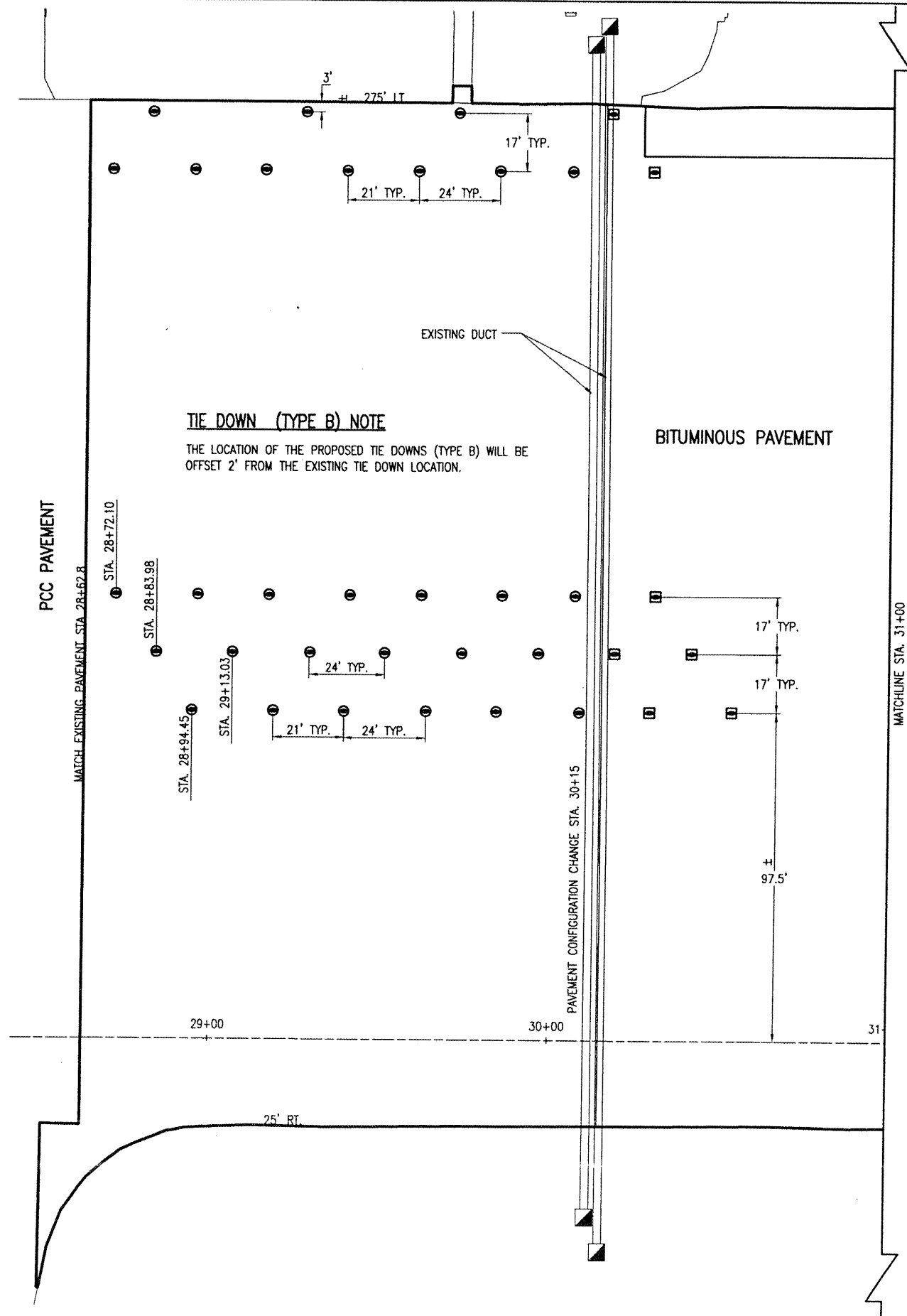
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LAYOUT	MDR	03/11/09	
DRAWN	MDR	03/11/09	
REVIEWED	CAH	03/13/09	

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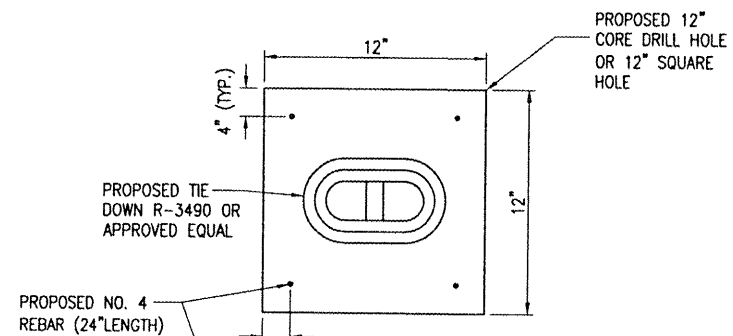
REHABILITATE
 CENTER APRON
 PROPOSED
 PCC PAVEMENT
 PLAN

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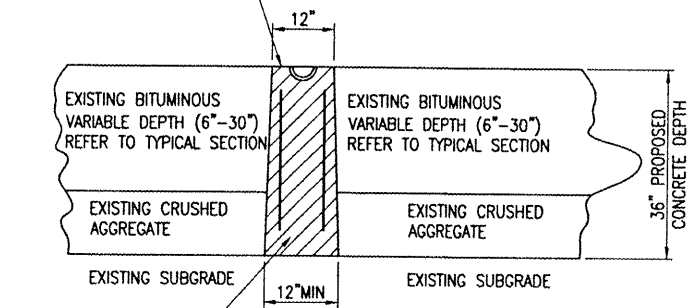


TIE DOWN (TYPE B) NOTE

THE LOCATION OF THE PROPOSED TIE DOWNS (TYPE B) WILL BE OFFSET 2' FROM THE EXISTING TIE DOWN LOCATION.



TIE DOWN (TYPE A) DETAIL
"NOT TO SCALE"



TIE DOWN REMOVAL (TYPE A) DETAIL
"NOT TO SCALE"

TIE DOWN (TYPE A) NOTE

THE PROPOSED TIE DOWNS (TYPE A) WILL BE INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS SHEET AND AT THE LOCATIONS SHOWN. THE LOCATIONS OF THE TIE DOWNS ON THIS SHEET ARE OFFSET 2' FROM THE EXISTING TIE DOWN LOCATIONS. THE PROPOSED TIE DOWNS (TYPE A) ARE LOCATED IN EXISTING BITUMINOUS PAVEMENT VARYING FROM 6" TO 30" IN DEPTH.

THE PERIMETER OF EACH PROPOSED TIE DOWN SHALL BE SAWED. THE SAWED SURFACES SHALL BE VERTICAL OR TAPERED OUTWARD FROM THE SURFACE TO PREVENT FROST HEAVE.

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

CONCRETE SHALL MEET THE REQUIREMENTS OF 610-STRUCTURAL CONCRETE.

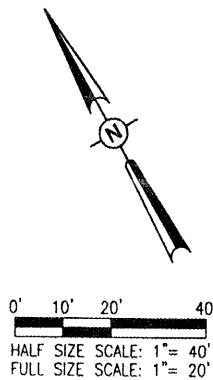
THE TIE DOWNS WILL BE PAID FOR UNDER ITEM:
AR510511 "TIE DOWN (TYPE A)" _____ PER EACH

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.

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED TIE DOWN (TYPE A)
- PROPOSED TIE DOWN (TYPE B)
- EXISTING GROUND ROD
- PROPOSED GROUND ROD
- EXISTING #8 BARE GROUNDING CABLE



CO056

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COLES COUNTY AIRPORT
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 COLES COUNTY MEMORIAL AIRPORT

IL PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

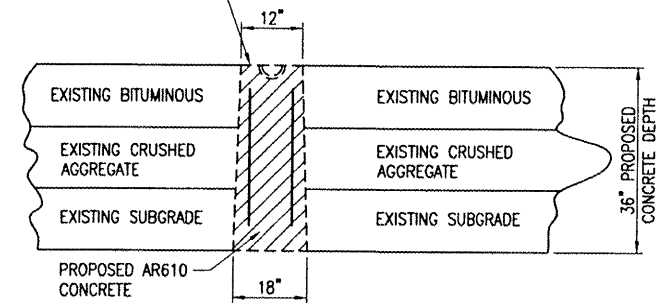
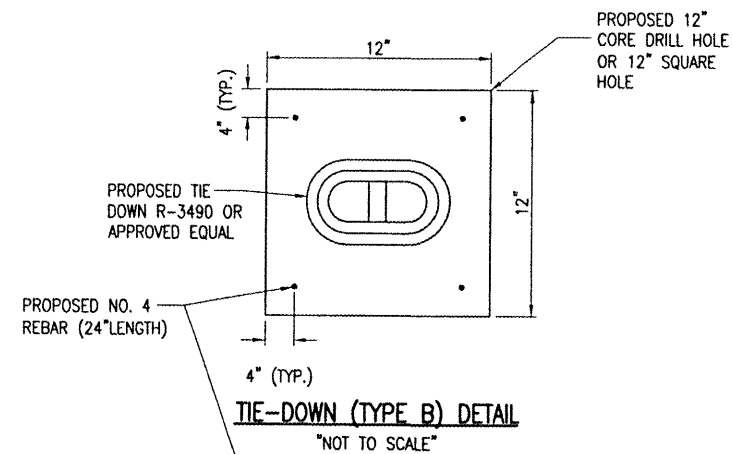
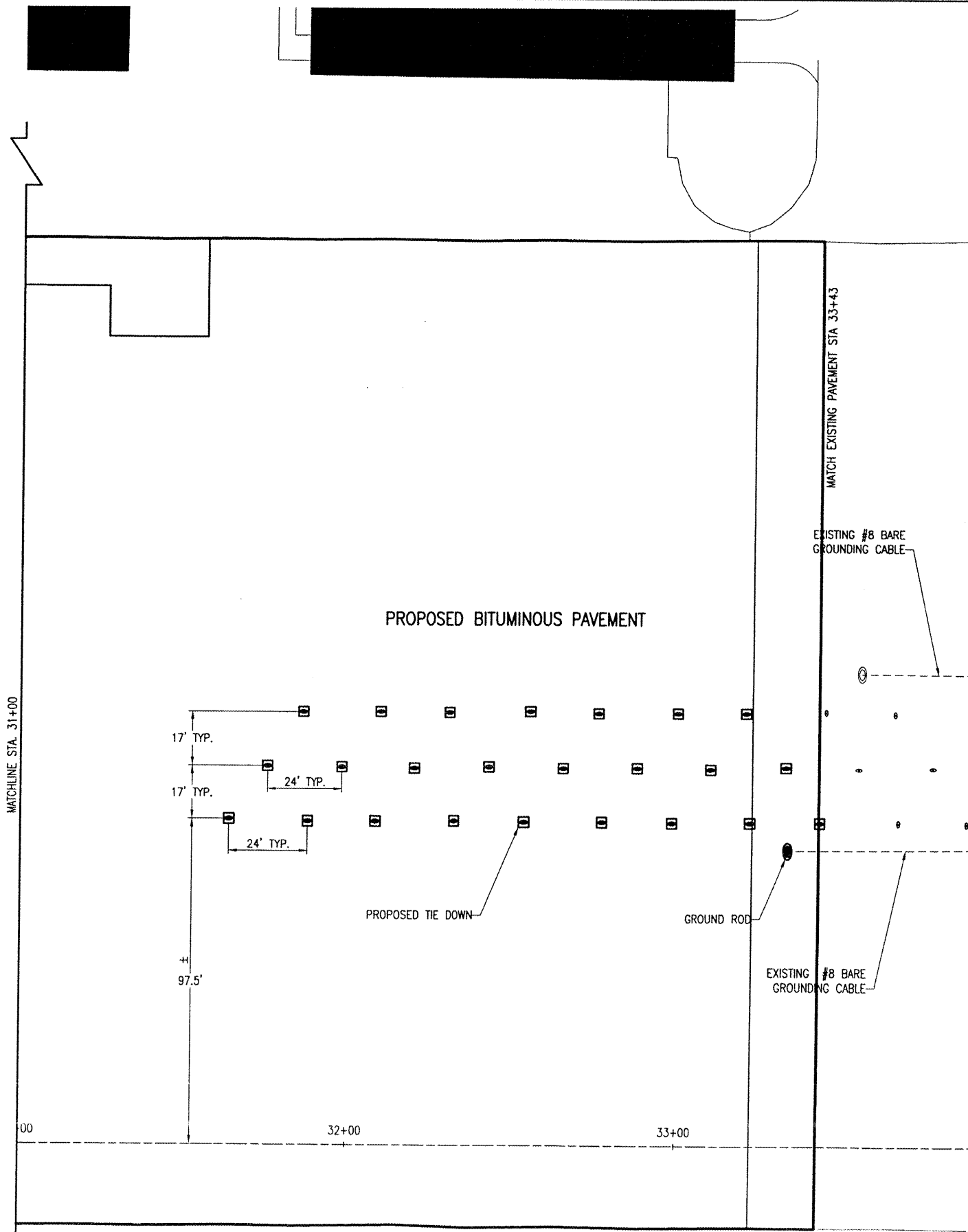
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Date: 03/11/09			

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REHABILITATE
 CENTER APRON
 PROPOSED TIE DOWN
 PLAN
 STA. 28+62.8 TO STA. 31+00

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TIE DOWN (TYPE B) NOTE

THE PROPOSED TIE DOWNS (TYPE B) WILL BE INSTALLED IN ACCORDANCE WITH THE DETAILS ON THIS SHEET. THE CONTRACTOR WILL RE-ESTABLISH THE LOCATIONS OF THE EXISTING TIE DOWNS FOR PLACEMENT OF THE PROPOSED TIE DOWN.

THE PERIMETER OF EACH PROPOSED TIE DOWN SHALL BE SAWED. ALL CA-16 BACKFILL MATERIAL USED FOR THE EXISTING TIE DOWN REMOVAL WILL BE EXCAVATED AND REMOVED FROM THE PROPOSED TIE DOWN HOLE. THE CLEANED CYLINDRICAL HOLE AND ANY EXCESS AREA WILL BE BACKFILLED WITH CONCRETE.

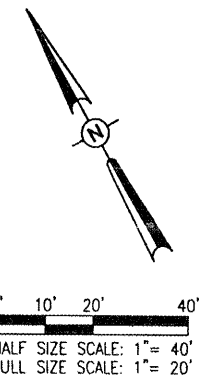
TIE DOWN CASTING SHALL BE NEENAH R-3490A OR EQUAL.

CONCRETE SHALL MEET THE REQUIREMENTS OF 610-STRUCTURAL CONCRETE.

THE TIE DOWNS WILL BE PAID FOR UNDER ITEM:
 AR510512 "TIE DOWN (TYPE B)" _____ PER EACH

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED TIE DOWN (TYPE B)
- EXISTING GROUND ROD
- PROPOSED GROUND ROD
- EXISTING #8 BARE GROUNDING CABLE



DATE	REVISION	BY

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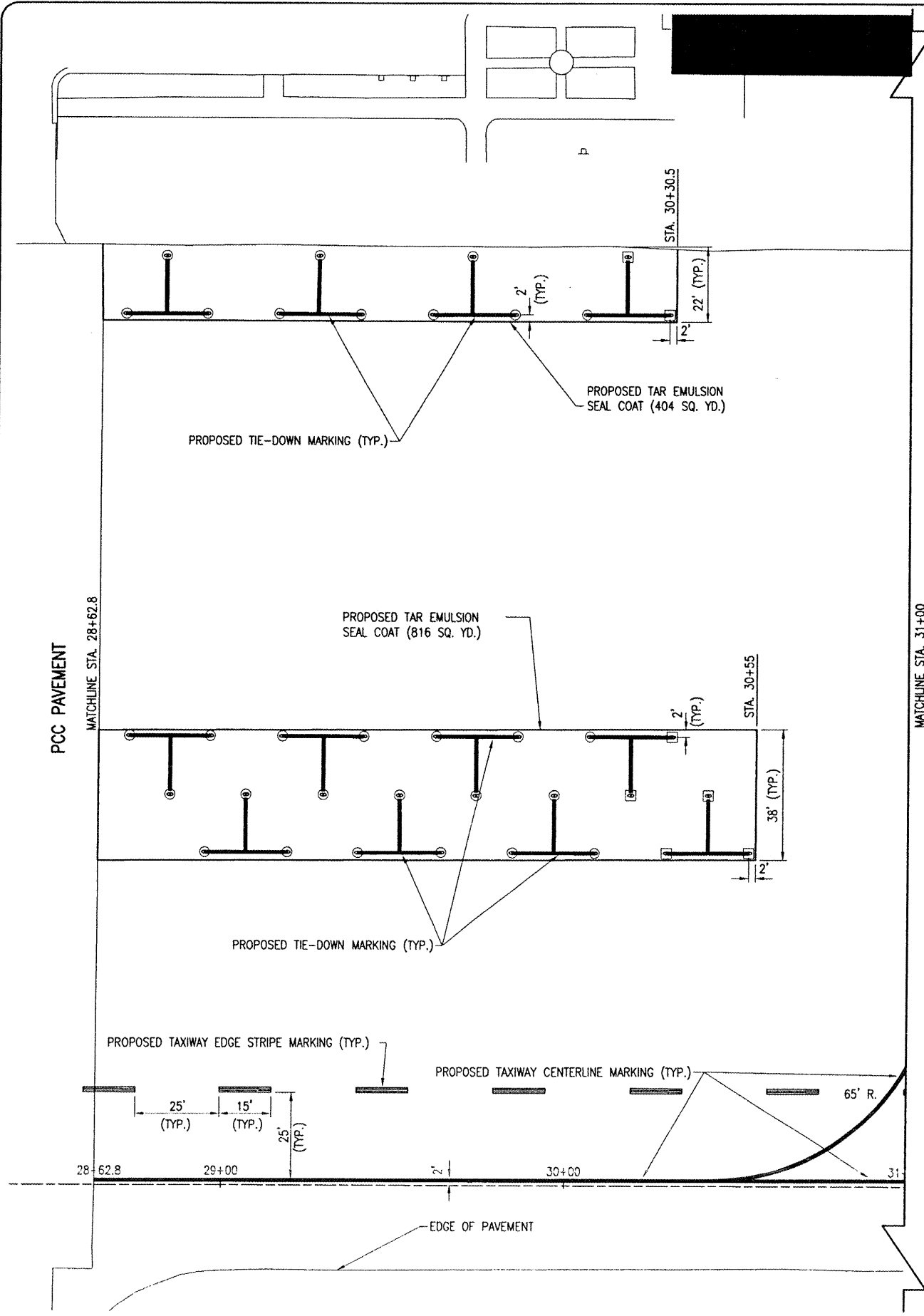
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Scale 1" = 20'			
Date 03/11/09			
LAYOUT MDR 03/11/09			
DRAWN KDM 03/11/09			
REVIEWED CAH 03/13/09			

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REHABILITATE
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 PROPOSED TIE DOWN
 PLAN
 STA. 31+00 TO STA. 33+43

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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, GROUND ROD, AND TIEDOWN MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE YELLOW IN COLOR WITH A 6-IN BLACK BORDER. 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 MARKING.

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

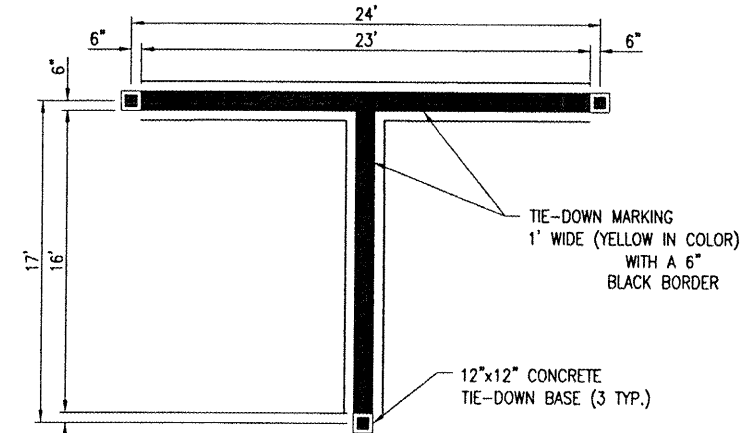
THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
 AR620520 PAVEMENT MARKING-WATERBORNE ___ PER S.F.
 AR620525 PAVEMENT MARKING-BLACK BORDER ___ PER S.F.

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 TIE DOWN CONCRETE AND CASTINGS WILL BE PROTECTED FROM THE SEAL COAT APPLICATION.

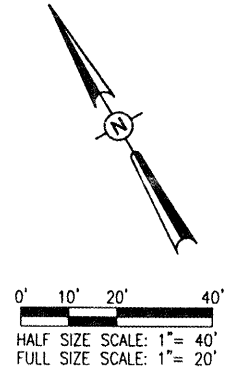
THE SEAL COAT MIXTURE AND APPLICATION SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

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



TIE DOWN MARKING DETAIL
 "NOT TO SCALE"

- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED TIE DOWN
 - EXISTING BUILDINGS
 - EXISTING MARKING
 - PROPOSED MARKING



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Project No. 0840198D_0800	MLB	03/11/09
Drawn R-151MRK.DWG	MDR	03/11/09
Scale 1" = 20'	CAH	03/13/09
Date 03/11/09		

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REHABILITATE CENTER APRON
 PROPOSED MARKING PLAN
 STA. 28+62.8 TO 31+00

DATE	REVISION	BY
4/02/09	REVISED AS PER OWNER REVIEW	CAH

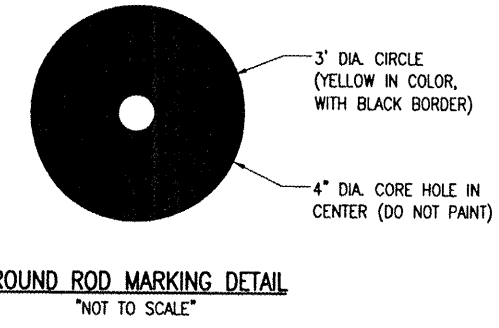
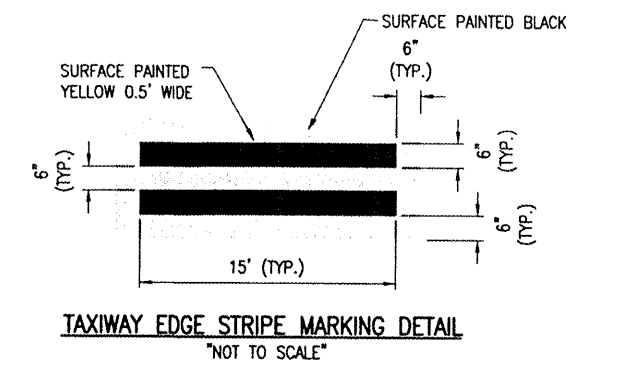
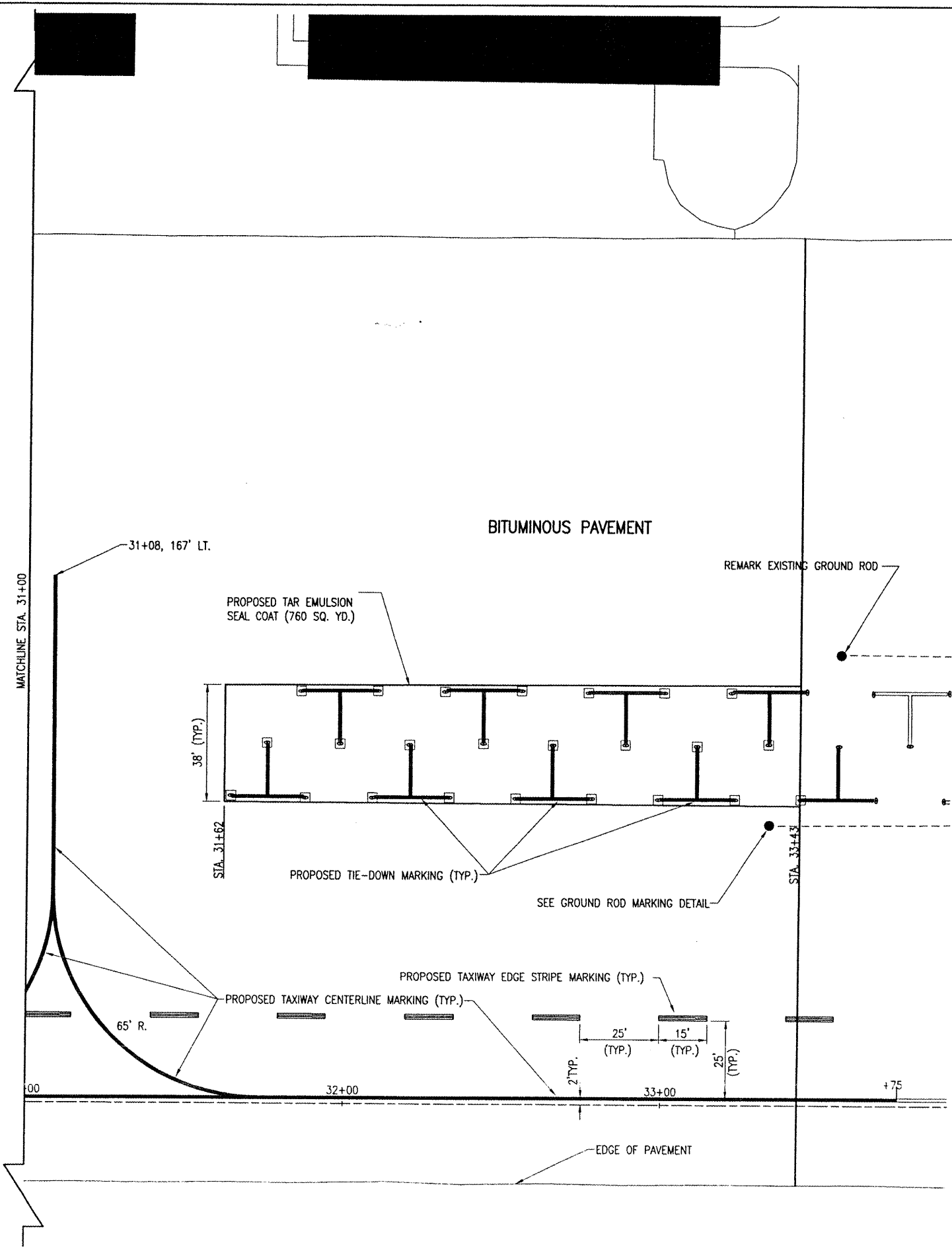
COLES COUNTY AIRPORT
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 A.I.P. PROJ.: 3-17-0066-B23
 ILL. PROJ.: MTO-3856

LAYOUT	MLB	MDR	CAH
03/11/09	03/11/09	03/11/09	03/13/09

Hanson Project No. 08A0198D-0800
 Drawing: R-151MRK.DWG
 Scale: 1" = 20'
 Date: 03/11/09

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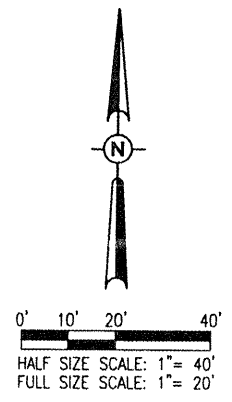
REHABILITATE CENTER APRON
 PROPOSED MARKING PLAN
 STA. 31+00 TO STA. 33+43



WORK ITEM	QUANTITY	YELLOW AREA	BLACK AREA	YELLOW AREA	BLACK AREA
GROUND ROD MARKING	2	7	5	14	10
TIEDOWN MARKING	21	39	38	819	798
TAXIWAY CENTERLINE MARKING				819	802
TAXIWAY EDGE STRIPE MARKING	19	15	26.5	285	504
TOTAL				1937	2114

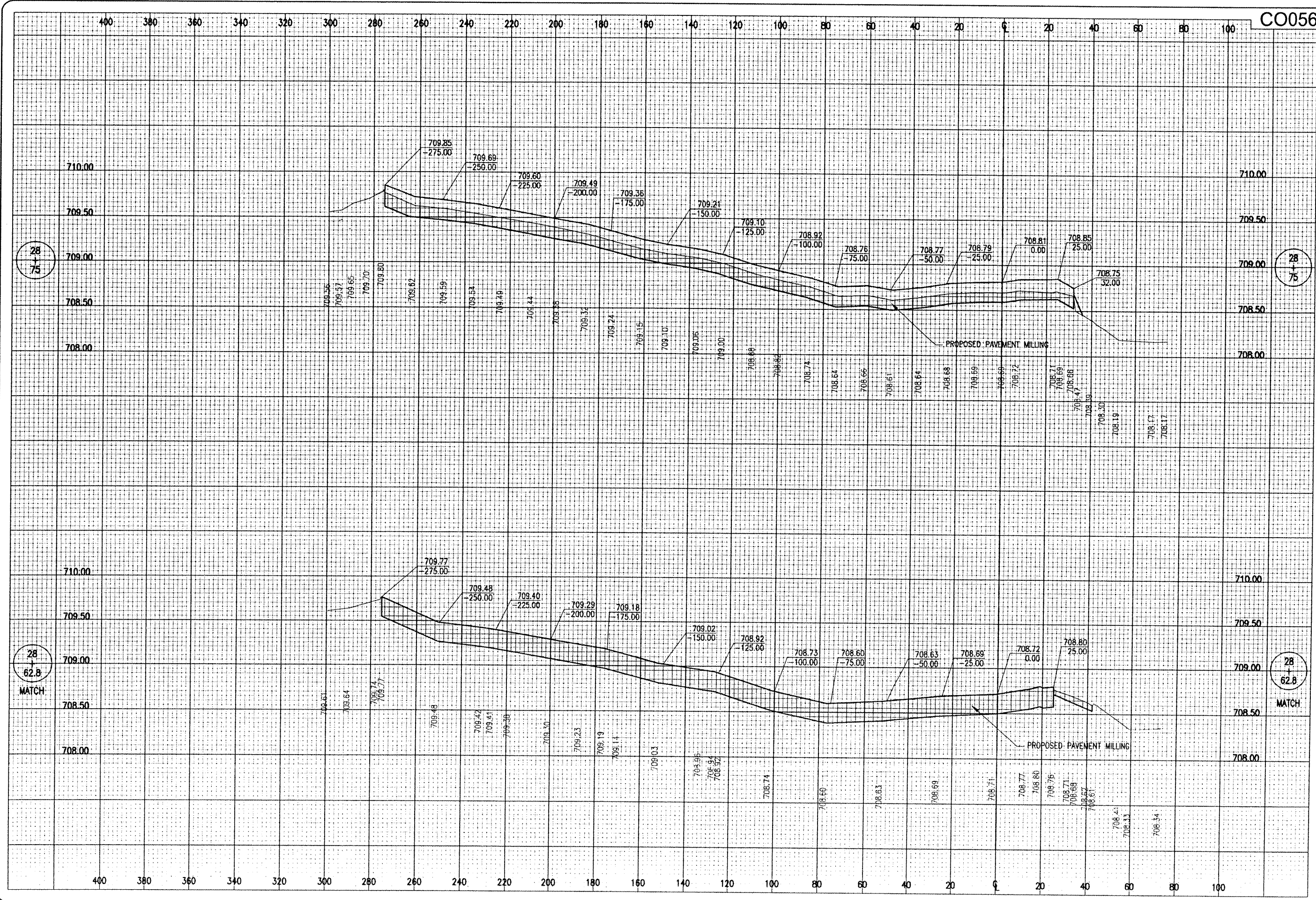
NOTE: SEE PREVIOUS SHEET FOR PROPOSED TIE-DOWN MARKING DETAIL.

- LEGEND**
- EXISTING IMPROVEMENTS
 - PROPOSED IMPROVEMENTS
 - EXISTING BUILDINGS
 - EXISTING GROUND ROD
 - EXISTING TIE DOWN
 - PROPOSED TIE DOWN
 - EXISTING #8 BARE GROUNDING CABLE
 - EXISTING MARKING
 - PROPOSED MARKING



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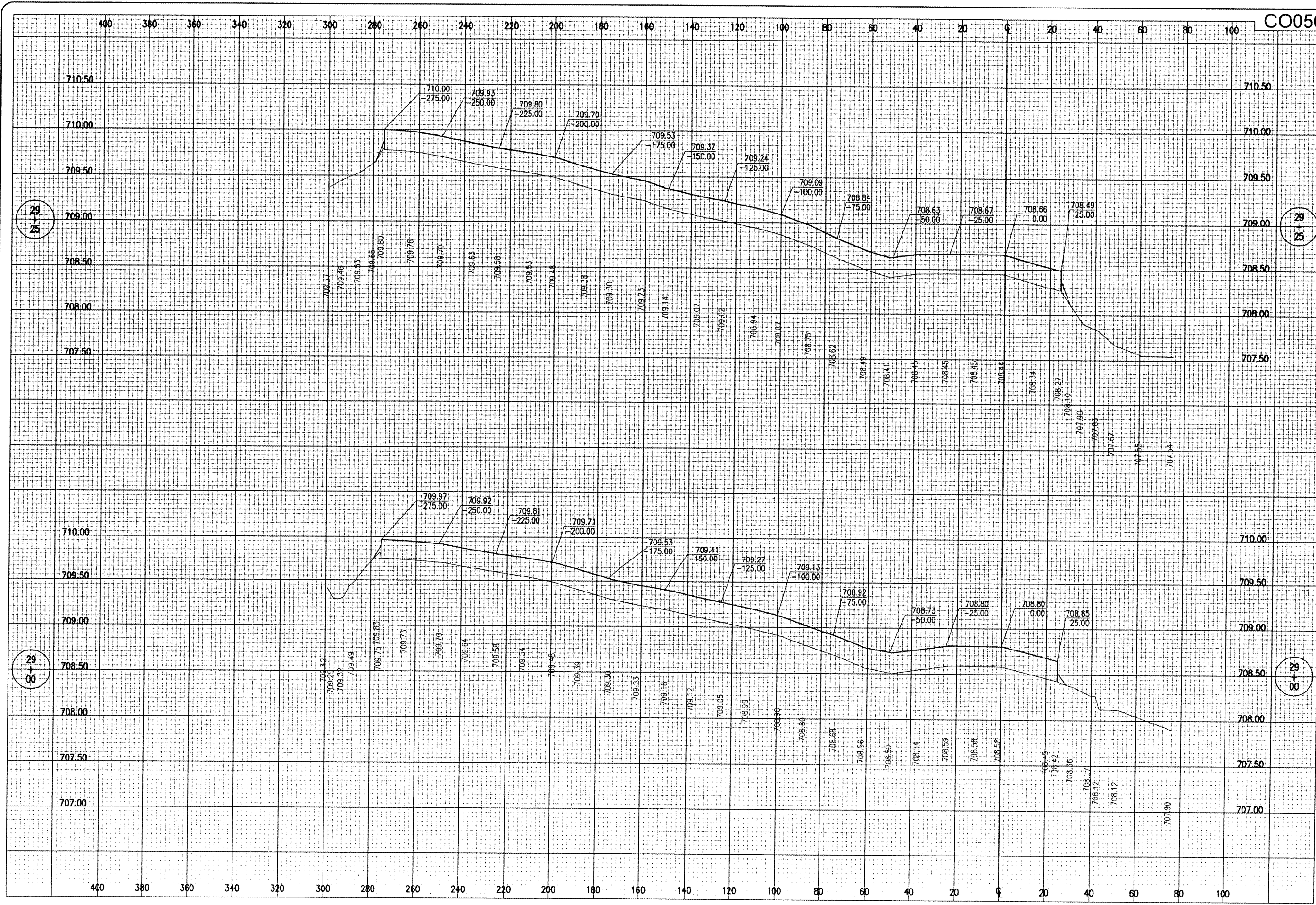
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 IL PROJ.: MTO-3856

Hanson Project No. 08A01980_0800	
Filename: R-301.XS.DWG	Scale: HORIZ. 20' VERT. 0.5'
Date: 3/13/09	
LAYOUT	JEO 3/2/09
DRAWN	KDM 3/10/09
REVIEWED	CAH 3/13/09

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 STA. 28+62.8 TO STA. 28+75



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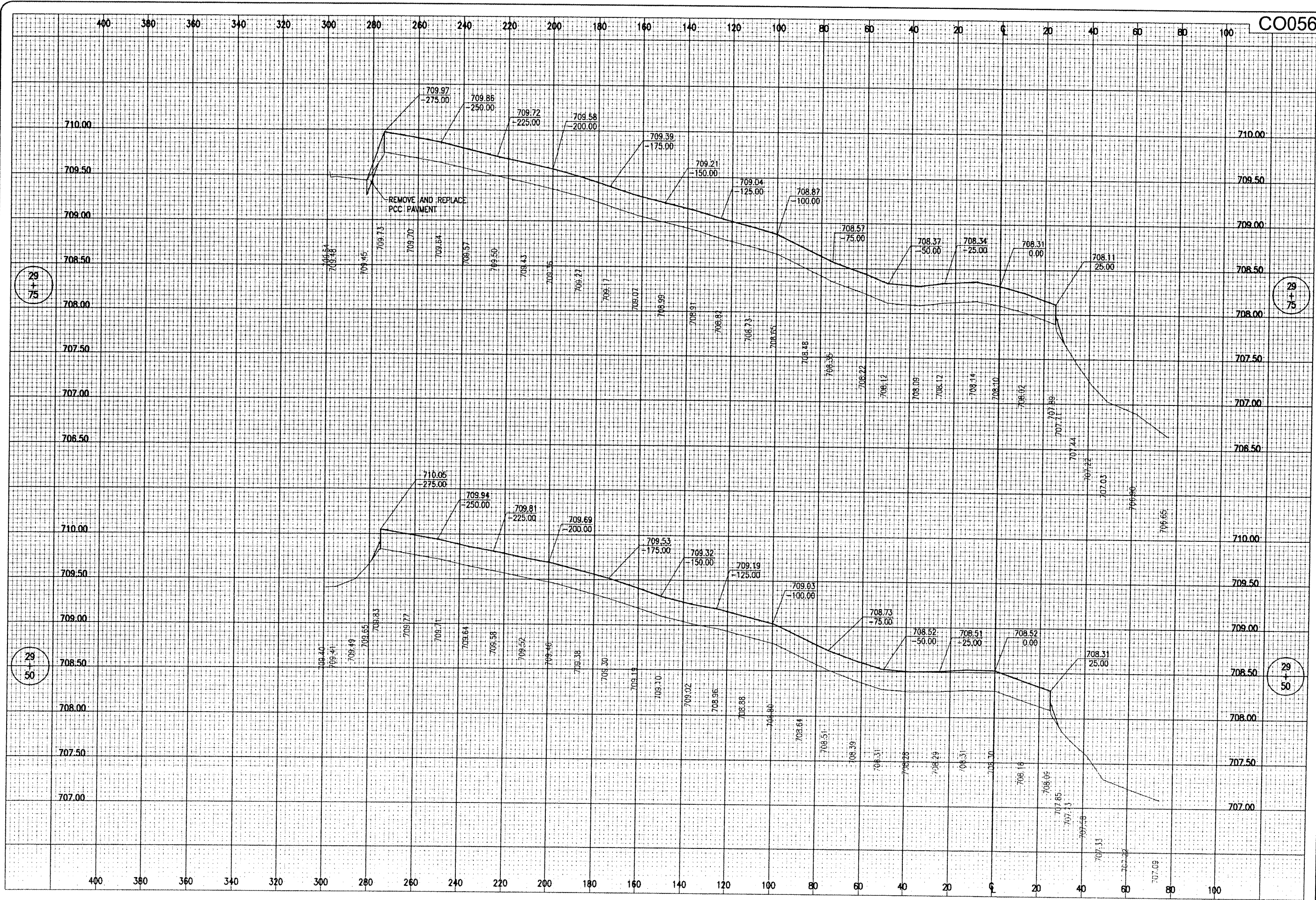
DATE	REVISION	BY

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 I.L. PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

Hanson Project No.	08A0198D_0800
Filename	R-302XS.DWG
Scale	HORIZ. 20' VERT. 0.5'
Date	3/13/09
LAYOUT	JEO 3/2/09
DRAWN	KOM 3/10/09
REVIEWED	CAH 3/13/09

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REHABILITATE
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 STA. 29+00 TO STA. 29+25



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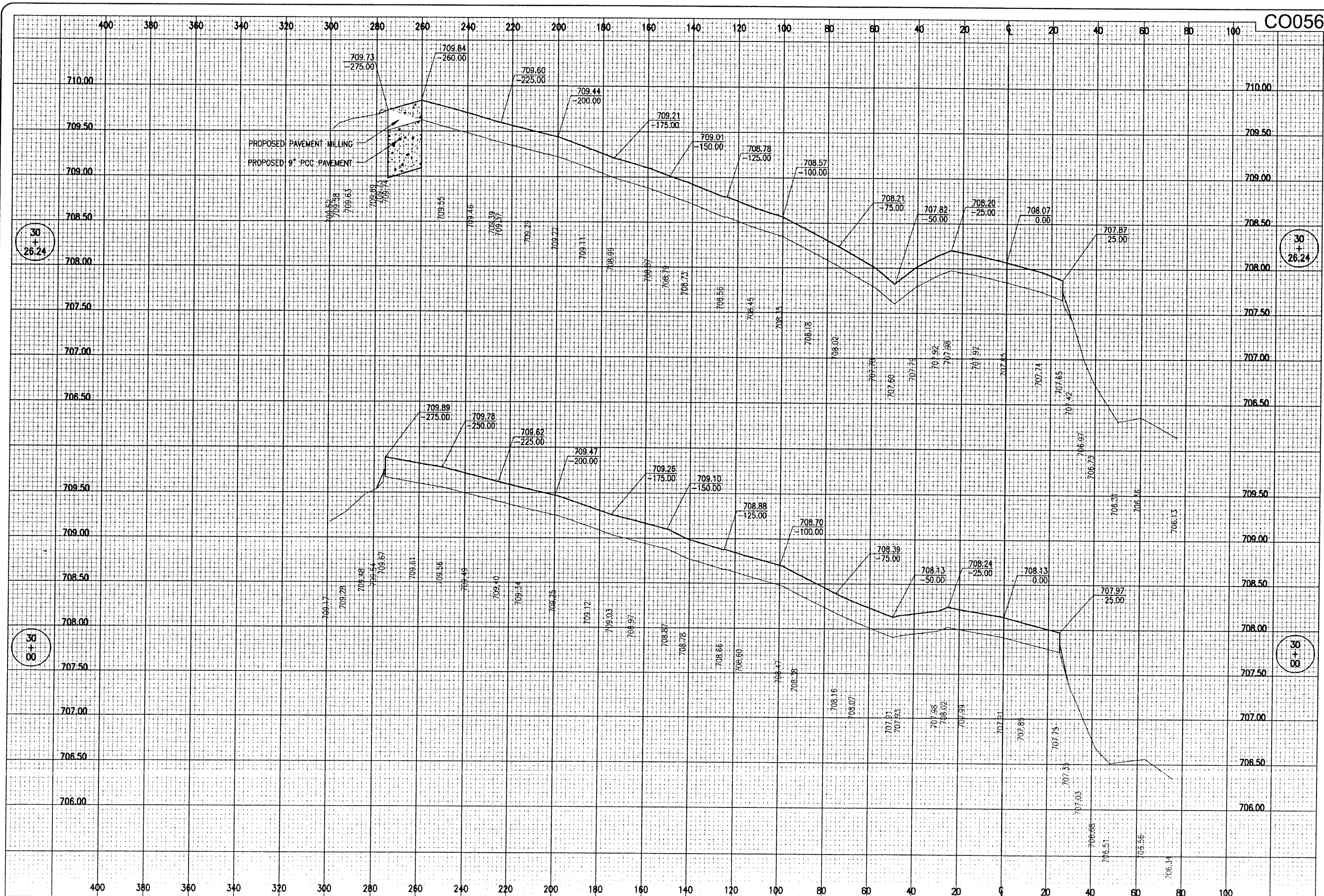
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IL PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

Hanson Project No. 08A0198D 0800	
Estimate R-303XS.DWG	
Scale HORIZ. 20' VERT. 0.5'	
Date 3/13/09	
LAYOUT JEO 3/2/09	
DRAWN KDM 3/10/09	
REVIEWED CAH 3/13/09	

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REHABILITATE
 CENTER APRON
 PROPOSED
 CROSS-SECTIONS
 STA. 29+50 TO STA. 29+75



CO056

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BY	REVISION	DATE

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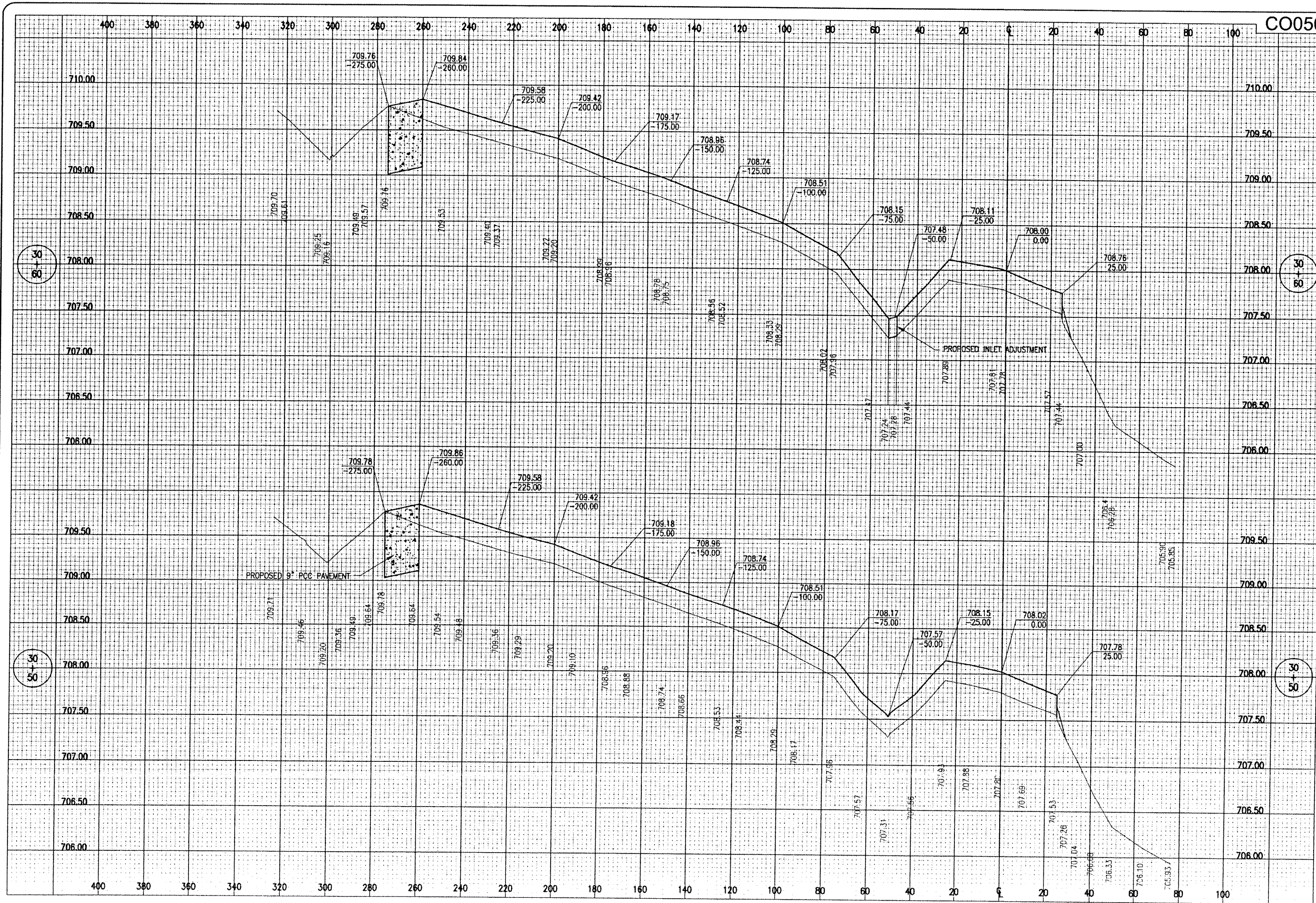
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Project No.	08A0198D_0800
Element	R-304XS.DWG
Scale	HORIZ. 20' VERT. 0.5'
Date	3/13/09

LAYOUT	JEO	3/2/09
DRAWN	KDM	3/10/09
REVIEWED	CAH	3/13/09

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REHABILITATE
 CENTER APRON
 PROPOSED
 CROSS-SECTIONS
 STA. 30+00 TO STA. 30+26.24



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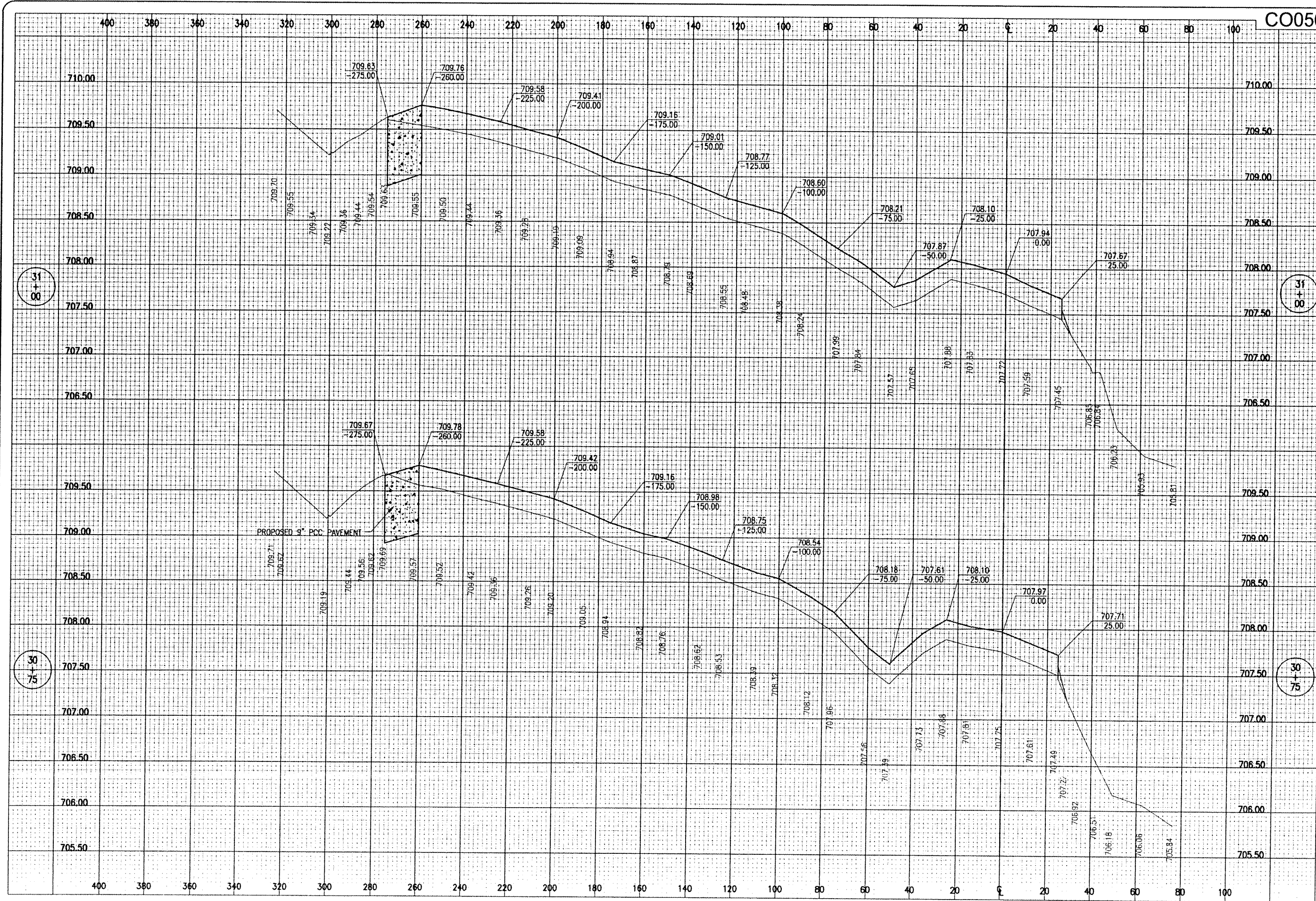
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IL PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

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Filename	R-305XS.DWG
Scale	HORIZ. 20' VERT. 0.5'
Date	3/13/09
LAYOUT	JEO 3/2/09
DRAWN	KOM 3/10/09
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REHABILITATE
 CENTER APRON
 PROPOSED
 CROSS-SECTIONS
 STA. 30+50 TO STA. 30+60



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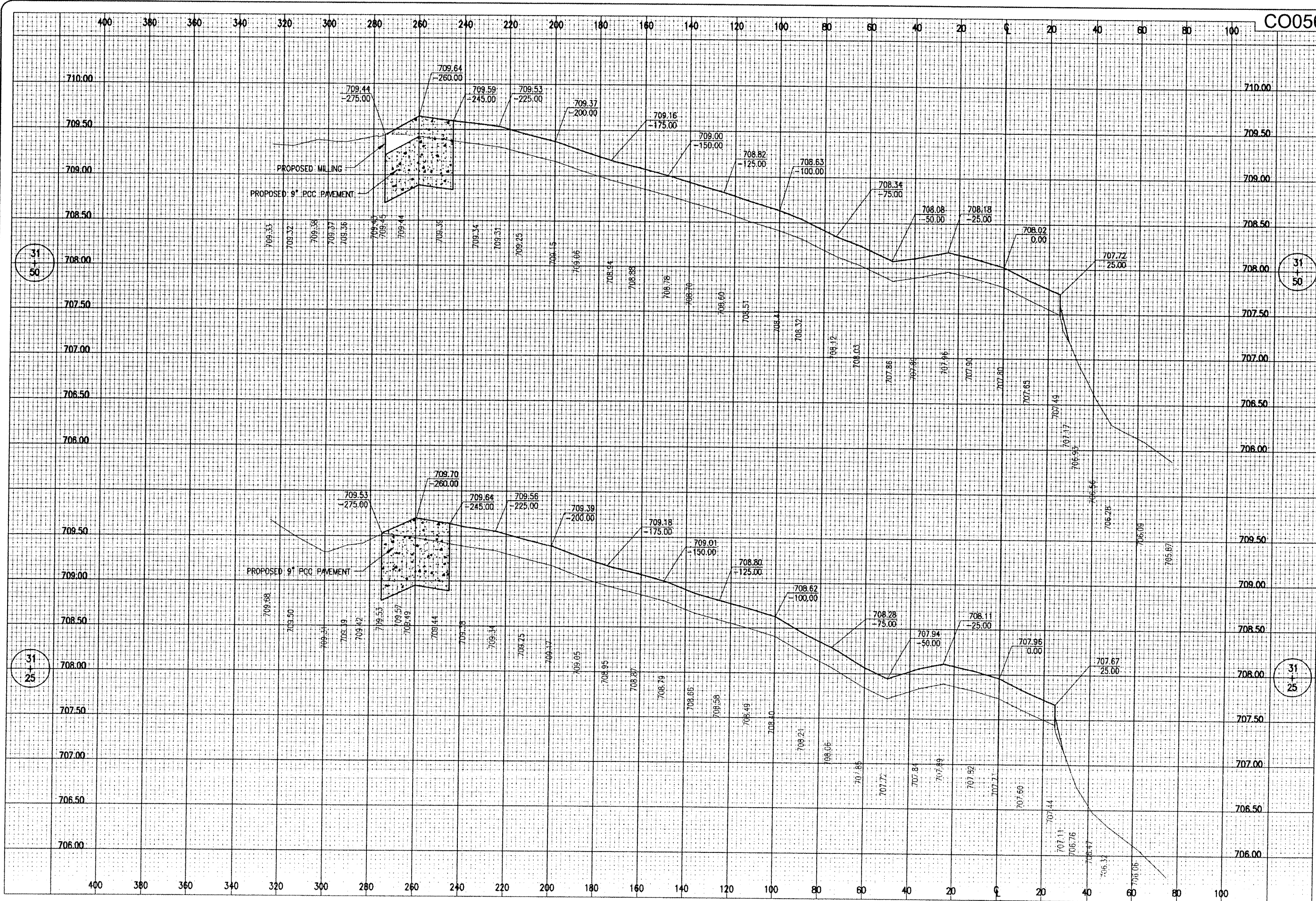
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Report Project No.	0840198D_0800
Filename	R-306XS.DWG
Scale	HORIZ. 20' VERT. 0.5'
Date	3/13/09
LAYOUT	JEO 3/2/09
DRAWN	KDM 3/10/09
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REHABILITATE
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 PROPOSED
 CROSS-SECTIONS
 STA. 30+75 TO STA. 31+00

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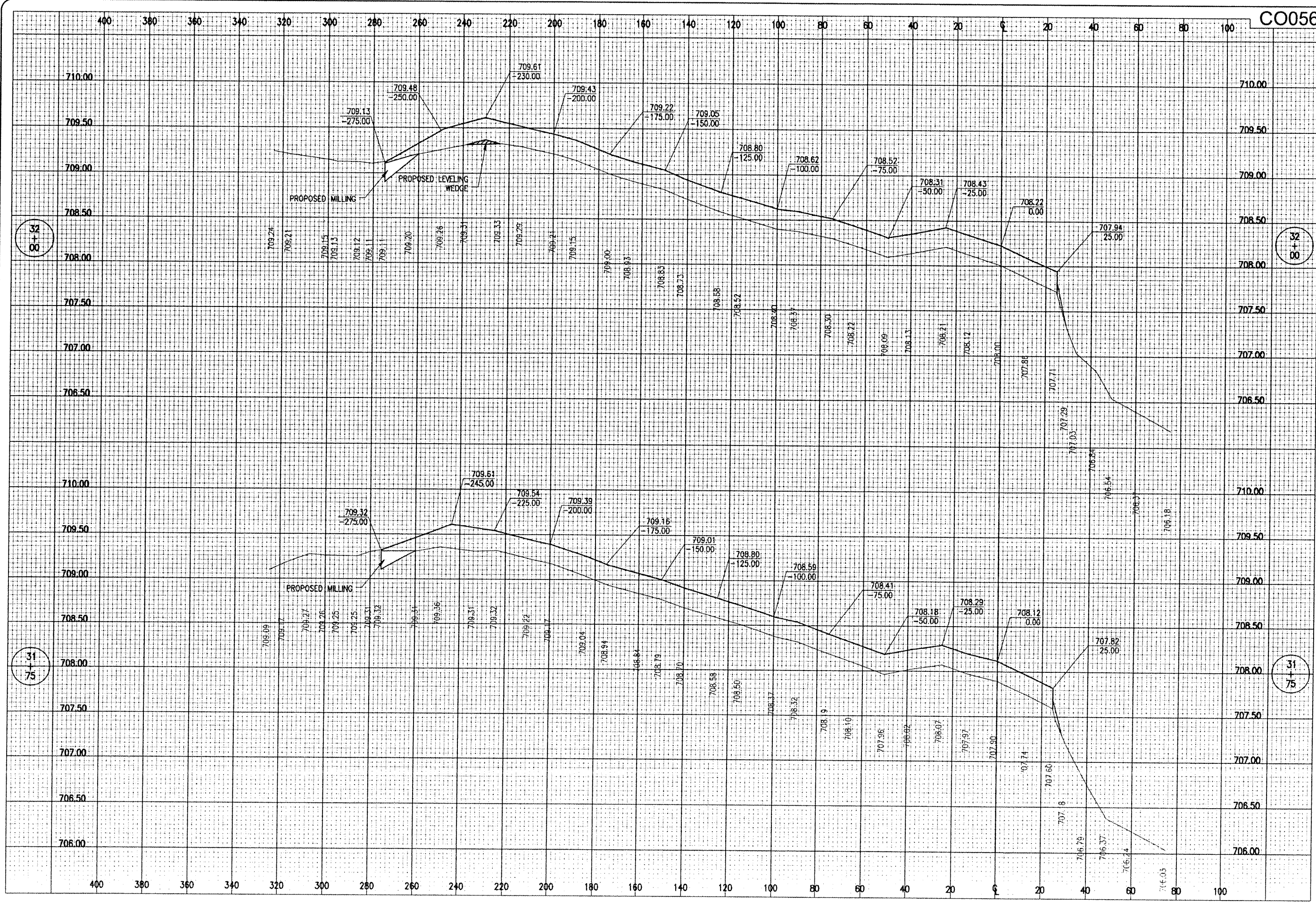
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LAYOUT	JEO 3/2/09
DRAWN	KOM 3/10/09
REVIEWED	CAH 3/13/09

HANSON

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

REHABILITATE
 CENTER APRON
 PROPOSED
 CROSS-SECTIONS
 STA. 31+25 TO STA. 31+50



CO056

DATE	REVISION	BY

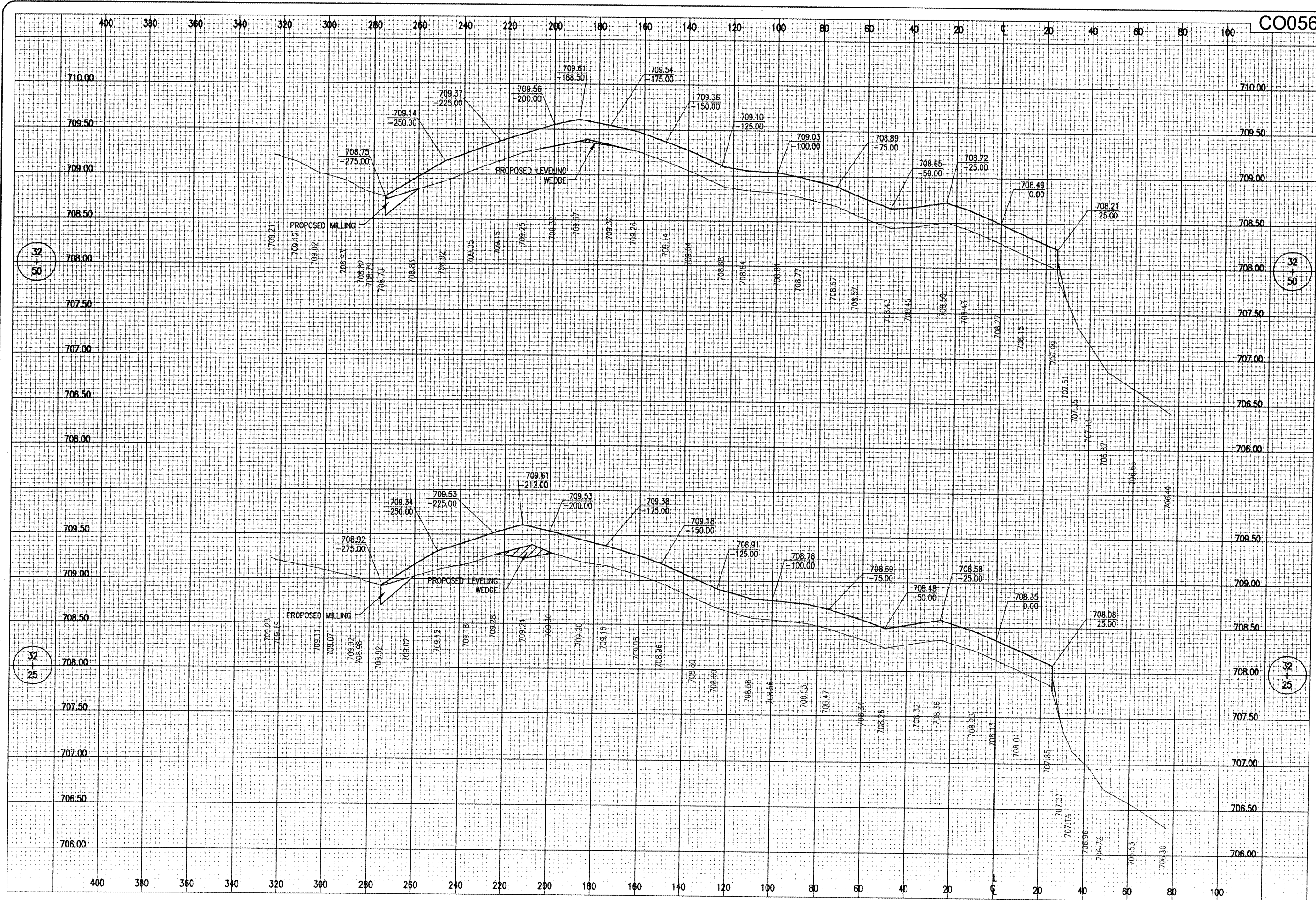
COLES COUNTY AIRPORT
 AUTHORITY
 COLES COUNTY NATIONAL AIRPORT
 I.L. PROJ.: MTO-3856
 A.I.P. PROJ.: J-17-0066-623

Hanson Project No. 08A0198D_0800	DATE	3/13/09
Filename: R-308XS.DWG	Scale	HORIZ. 20' VERT. 0.5'
LAYOUT	JEO	3/2/09
DRAWN	KDM	3/10/09
REVIEWED	CAH	3/13/09

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 Offices Nationwide

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 CROSS-SECTIONS
 STA. 31+75 TO STA. 32+00

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CO056

DATE	REVISION	BY

COLES COUNTY AIRPORT
 AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT

IL PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

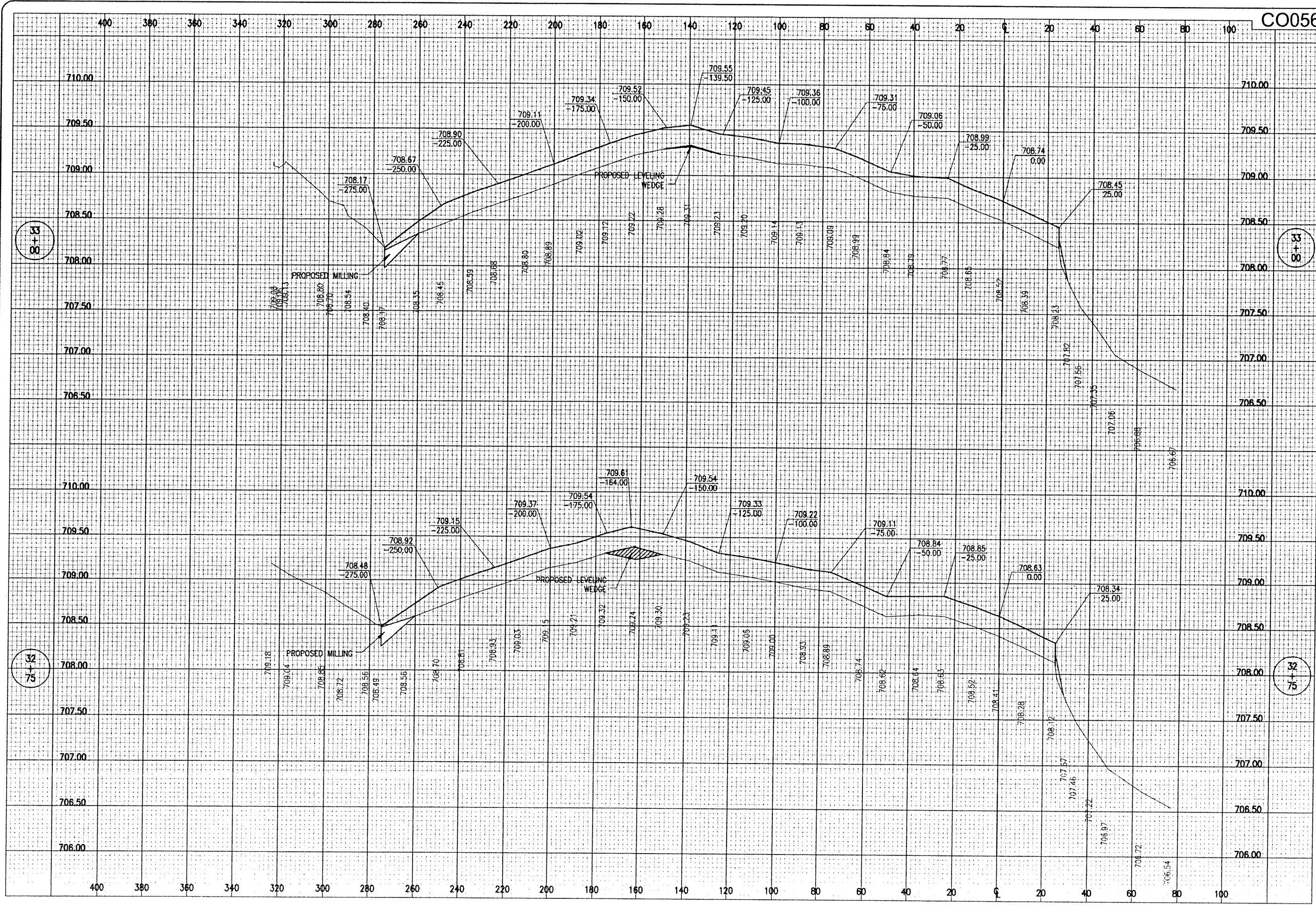
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 CENTER APRON
 PROPOSED
 CROSS-SECTIONS
 STA. 32+25 TO STA. 32+50

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BY	
REVISION	
DATE	

COLES COUNTY AIRPORT
 AUTHORITY
 COLES COUNTY AIRPORT AIRPORT

IL PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

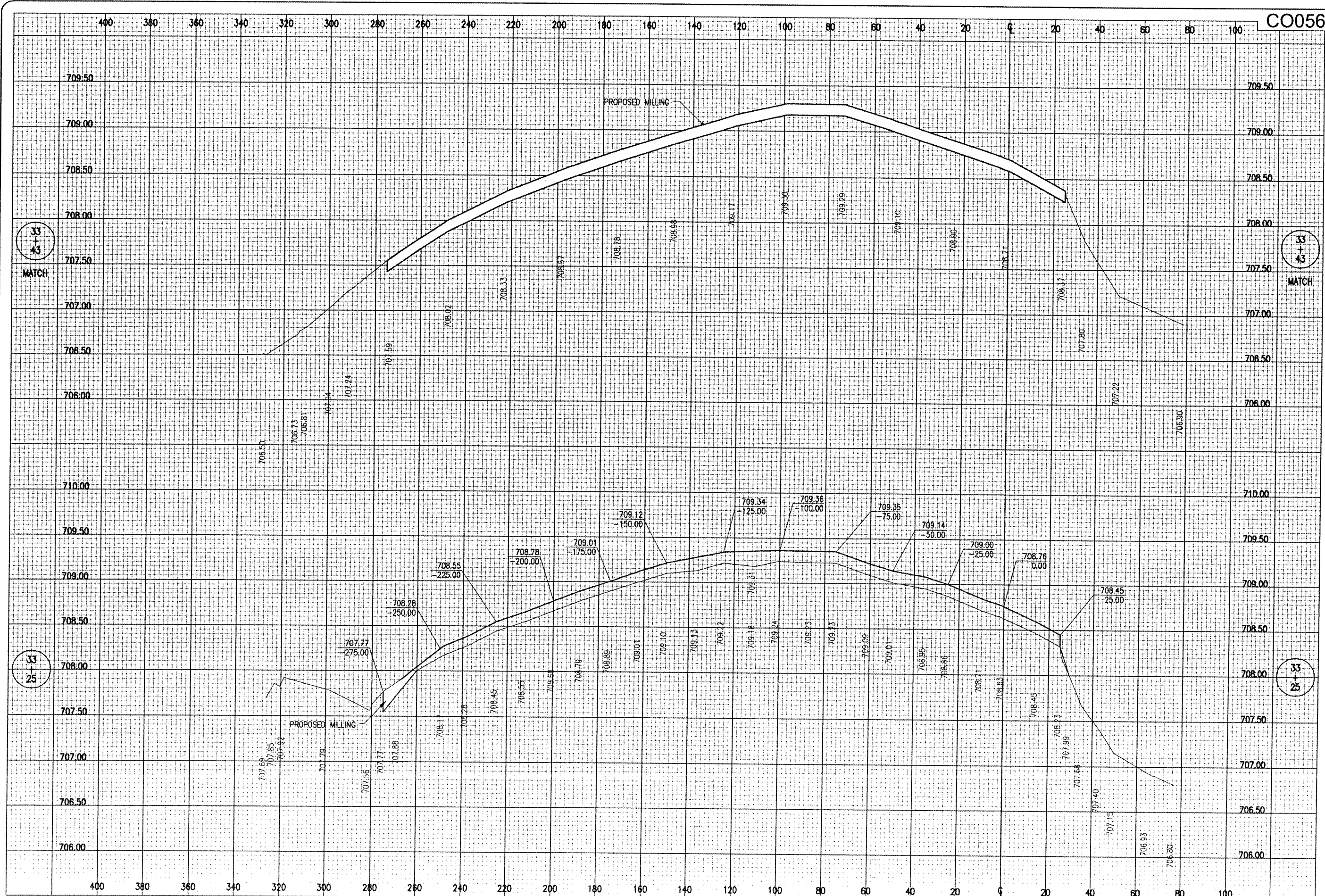
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Drawings	R-310XS.DWG
Scale	HORIZ. 20' VERT. 0.5'
Date	3/13/09
LAYOUT	JCO 3/2/09
DRAWN	KDM 3/10/09
REVIEWED	CAH 3/13/09

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 CROSS-SECTIONS
 STA. 32+75 TO STA. 33+00

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CO056

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MATCH

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MATCH

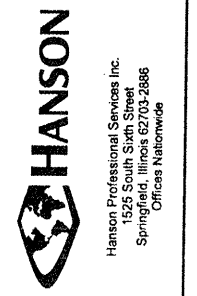
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BY	REVISION	DATE

COLES COUNTY AIRPORT
 AUTHORITY
 COLES COUNTY MEMORIAL AIRPORT
 I.L. PROJ.: MTO-3856 A.I.P. PROJ.: 3-17-0066-B23

Hanson Project No. 08A0198D_0800	FILENAME: R-311XS.DWG	Scale: HORIZ. 20' VERT. 0.5'
Date: 3/13/09	LAYOUT: JEO	3/2/09
	DRAWN: KOM	3/10/09
	REVIEWED: CAH	3/13/09



REHABILITATE
 CENTER APRON
 PROPOSED
 CROSS-SECTIONS
 STA. 33+25 TO STA. 33+43