

1A

# UNIVERSITY OF ILLINOIS INSTITUTE OF AVIATION

UN044  
TOTAL SHEETS: 45

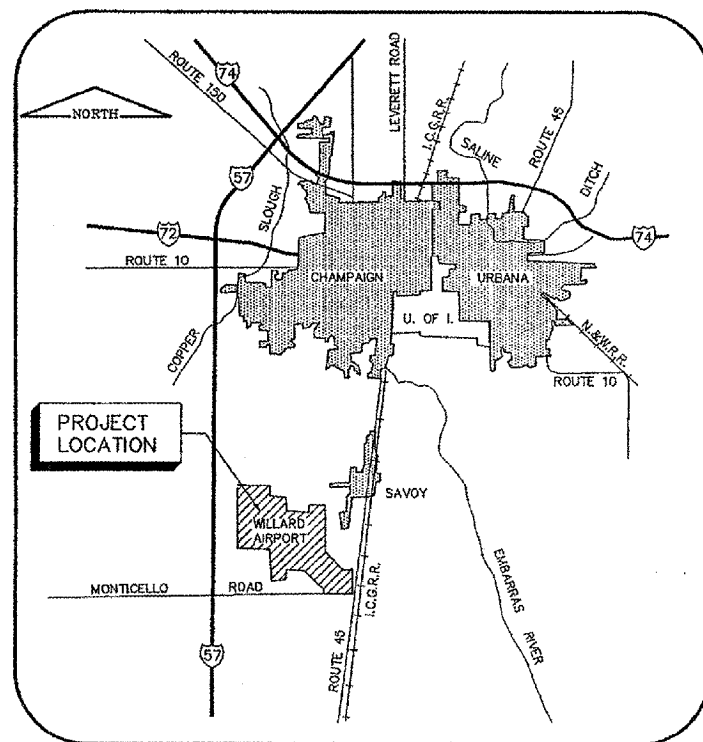
CONSTRUCTION PLANS  
FOR

## UNIVERSITY OF ILLINOIS - WILLARD AIRPORT

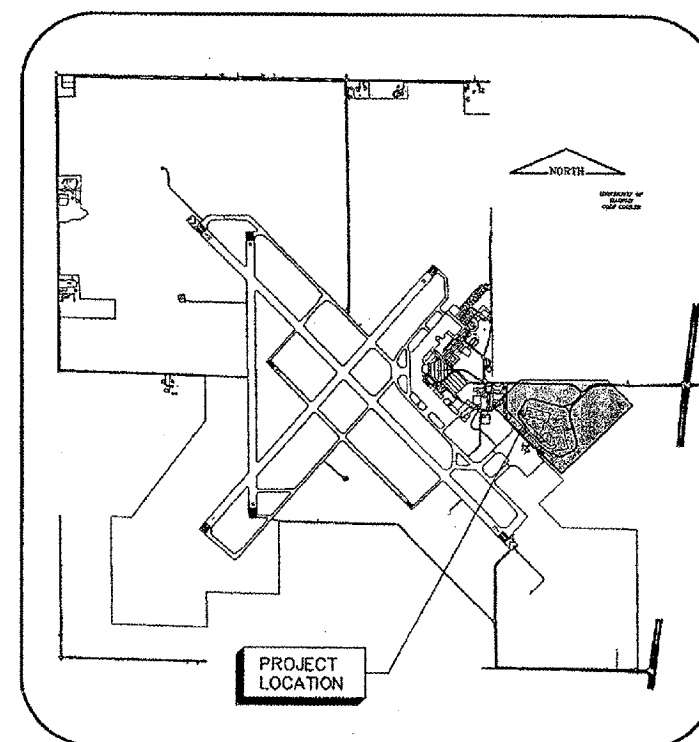
ILLINOIS PROJECT CMI-3473

### REHABILITATE TERMINAL ACCESS ROADS AND PARKING LOTS

NOVEMBER 11, 2005



LOCATION MAP



SITE PLAN

CALL J.U.I.E.  
BEFORE EXCAVATING  
1-800-892-0123  
UNIVERSITY OF ILLINOIS - WILLARD AIRPORT  
TOWNSHIP: T 18 N  
RANGE: R 8 E  
TOWNSHIP: TOLONO  
COUNTY: CHAMPAIGN

AIR CARRIER APRON  
GEOMETRIC DESIGN DATA  
DESIGN GROUP - GROUP IV  
WINGSPAN - UP TO BUT NOT INCLUDING 171 FT.  
DESIGN APPROACH CATEGORY - C

PAVEMENT STRUCTURE DESIGN DATA  
560 ANNUAL OPERATIONS  
DESIGN AIRCRAFT - 737-700  
GROSS WEIGHT - 155,000 LBS.  
DUAL WHEEL GEAR

GROUND CONTROL RADIO FREQUENCY - 121.8  
ATIS FREQUENCY - 124.85  
MAXIMUM HEIGHT OF EQUIPMENT  
ABOVE GROUND IS 25 FT.

UNIVERSITY OF ILLINOIS  
WILLARD AIRPORT  
APPROVED *Jason E. Frank*  
DATE 22 NOVEMBER 2005

**CMT**  
CRAWFORD MURPHY & TILLY, INC.  
CONSULTING ENGINEERS  
License No. 184-000613  
SUBMITTED BY *Jason E. Frank*  
DATE 11-22 2005  
CM&T JOB NUMBER 05059-03

FILE: K:\CHAMPAIGN\0505903\DRAW\SHEETS\01 - U06FCOY  
CREATED: 9/29/2005  
MODIFIED: 09/26/2005  
PLOT: 11/15  
LAST UPDATE:

UN044

K:\Champaign\0505903\Draw\Sheets\  
 FILE: 02\_SOQ\_INDEX.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Tue 11/22/05 10:17am  
 XREF DWG: C:\info.dwg  
 tb.dwg

## INDEX TO SHEETS

1	COVER
2	INDEX TO SHEETS AND SUMMARY OF QUANTITIES
3	GENERAL NOTES AND DETAILS
4	PROJECT SITE PLAN
5	CONSTRUCTION ACTIVITY PLAN PHASE 1
6	CONSTRUCTION ACTIVITY PLAN PHASE 2
7	CONSTRUCTION ACTIVITY PLAN PHASE 3
8	CONSTRUCTION ACTIVITY PLAN PHASE 4
9	GENERALIZED PARKING LOT WORK ZONE REQUIREMENTS
10	CONSTRUCTION ACTIVITY PLAN PHASING AT TERMINAL
11	EXISTING CONDITIONS & REMOVALS LEGEND & NOTES
12	EXISTING CONDITIONS AND REMOVALS PLAN 1
13	EXISTING CONDITIONS AND REMOVALS PLAN 2
14	INDEX TO TYPICAL SECTIONS
15	TYPICAL SECTIONS SHEET 1
16	TYPICAL SECTIONS SHEET 2
17	TYPICAL SECTIONS SHEET 3
18	TYPICAL SECTIONS SHEET 4
19	RING ROAD PLAN & PROFILE STA. 300+00 TO STA. 313+00
20	RING ROAD PLAN & PROFILE STA. 8+72.18 TO STA. 21+00
21	RING ROAD PLAN & PROFILE STA. 21+00 TO STA. 34+00
22	PROPOSED STAKING PLAN 1 EAST PARKING AREA
23	PROPOSED STAKING PLAN 2 WEST PARKING AREA
24	FRONTAL DRIVE JOINTING PLAN
25	MARKING PLAN 1
26	MARKING PLAN 2
27	TERMINAL AREA MARKING PLAN
28	MARKING DETAILS
29	DETECTOR LOOP DETAILS
30	PAVING AND MISCELLANEOUS DETAILS
31	TURFING PLAN
32	ENTRANCE ROAD CROSS SECTIONS STA. 301+00 TO STA. 303+09.66
33	ENTRANCE ROAD CROSS SECTIONS STA. 303+50 TO STA. 305+50
34	ENTRANCE ROAD CROSS SECTIONS STA. 306+00 TO STA. 308+50
35	ENTRANCE ROAD CROSS SECTIONS STA. 309+00 TO STA. 309+97.21
36	RING ROAD CROSS SECTIONS STA. 8+72.18 TO STA. 10+75
37	RING ROAD CROSS SECTIONS STA. 11+50 TO STA. 14+50
38	RING ROAD CROSS SECTIONS STA. 15+25 TO STA. 18+00
39	RING ROAD CROSS SECTIONS STA. 18+50 TO STA. 21+50
40	RING ROAD CROSS SECTIONS STA. 22+00 TO STA. 26+50
41	RING ROAD CROSS SECTIONS STA. 27+00 TO STA. 30+50
42	RING ROAD CROSS SECTIONS STA. 31+00 TO STA. 34+50
43	RING ROAD CROSS SECTIONS STA. 35+00 TO STA. 38+50
44	RING ROAD CROSS SECTIONS STA. 39+00 TO STA. 41+50
45	RING ROAD CROSS SECTIONS STA. 41+86.62 TO STA. 43+99.68

## SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	LS	1
AR152480	SHOULDER ADJUSTMENT	SY	10000
AR156510	SILT FENCE	LF	5000
AR201610	BITUMINOUS BASE COURSE	TON	1550
AR201630	BITUMINOUS BASE COURSE TEST SECTION	EA	1
AR201660	BITUMINOUS CRACK REPAIR	SY	2000
AR201661	CLEAN AND SEAL BITUMINOUS CRACK	LF	5000
AR201670	CRACK CONTROL FABRIC	SY	3500
AR401610	BITUMINOUS SURFACE COURSE	TON	7410
AR401630	BITUMINOUS TEST SECTION	EA	1
AR401650	BITUMINOUS PAVEMENT MILLING	SY	750
AR501115	CRACK AND SEAT PAVEMENT	SY	12600
AR501508	8" PCC PAVEMENT	SY	3800
AR501530	PCC TEST BATCH	EA	1
AR501550	PCC PAVEMENT MILLING	SY	1102
AR501900	REMOVE PCC PAVEMENT	SY	5601
AR603510	BITUMINOUS TACK COAT	GAL	9000
AR620520	PAVEMENT MARKING WATERBORNE	SF	16200
AR754410	COMB. CURB AND GUTTER (TYPE B 6.12)	LF	1100
AR754900	REMOVE CONCRETE CURB	LF	620
AR754904	REMOVE COMB. CURB AND GUTTER	LF	650
AR800359	DETECTABLE WARNING SURFACE	SY	32
AR800360	DETECTOR LOOP	EA	16
AR800362	REMOVE AND RELOCATE BARRIER BLOCK	SY	60
AR800363	REMOVE AND RELOCATE PARKING BLOCK	SY	175
AR800364	REMOVE PCC ISLANDS AND GATE ASSEMBLY	LS	1
AR800389	VEHICLE PARKING CONTROL	LS	1
AR901510	SEEDING	AC	2
AR908510	MULCHING	AC	2
AR910210	TEMPORARY SIGNS	EA	5
AR910210	HANDICAP SIGNS	EA	16
AR910430	TRAFFIC MAINTENANCE ROADWAY	LS	1

## REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).

UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 INDEX TO SHEETS AND  
 SUMMARY OF QUANTITIES

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000613

DESIGN BY: CMT

DRAWN BY: CMT

CHECKED BY: JEF

APPROVED BY: JEF

DATE: 11/11/05

JOB No: 0505903

IL PROJECT: CMI-3473

SHEET 2 OF 45 SHEETS

GENERAL NOTES

- 1.) ALL ROADWAYS AND PARKING LOTS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLANS OR AS DIRECTED BY THE AIRPORT MANAGER.
- 2.) WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRPORT OPERATIONS AND SAFETY, AIRPORT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CLOSING AND OPENING PAVEMENTS AND CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT MANAGER.
- 3.) THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS AT THE LOCATION SHOWN FOR THE "CONTRACTOR'S STAGING, STORAGE, PARKING SITE AND FIELD OFFICE".
- 4.) BROKEN OR WASTE CONCRETE SHALL BE DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY, UNLESS DIRECTED BY THE AIRPORT MANAGER.
- 5.) ALL PAVEMENTS, DRIVES AND OTHER AREAS USED BY THE CONTRACTOR FOR HAUL ROADS AND STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF AIRPORT MANAGER. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- 6.) EXISTING TURF & AGRICULTURAL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE COMPLETELY RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE AIRPORT MANAGER.
- 7.) THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS PRIOR TO OPENING TO AIR TRAFFIC.
- 8.) REFER TO THE CONSTRUCTION ACTIVITY PLANS AND THE SPECIFICATIONS FOR REQUIREMENTS CONCERNING COORDINATION OF CONSTRUCTION ACTIVITIES.
- 9.) THE FIRE/CRASH/RESCUE VEHICLES SHALL HAVE COMPLETE ACCESS TO THE ENTIRE CONSTRUCTION SITE INCLUDING THE CLOSURE AREAS.
- 10.) THE CONTRACTOR IS REQUIRED TO GIVE TWO FULL WORKING DAYS NOTICE TO THE AIRPORT MANAGER PRIOR TO CLOSING WORK AREAS.
- 11.) AT THE PRECONSTRUCTION MEETING, CONTRACTOR SHALL SUPPLY THE AIRPORT MANAGER WITH PROPOSED CLOSURE AND PHASING DATES FOR HIS REVIEW AND APPROVAL. THE RESIDENT ENGINEER SHALL KEEP THE AIRPORT MANAGER ADVISED OF ANY PROPOSED CHANGES IN CLOSURE AND PHASING DATES.
- 12.) ALL CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL DISPLAY AN ORANGE AND WHITE CHECKED AVIATION FLAG, EXCEPT HAUL VEHICLES.
- 13.) IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, MEN AND EQUIPMENT.

CONTRACTOR'S ACCESS

- 1.) CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
  - A) THE CONTRACTORS ACCESS TO THE WORK SHALL BE AS SHOWN ON THE SITE PLAN AND CONSTRUCTION ACTIVITY PLANS.
  - B) DURING ADVERSE WEATHER, THE CONTRACTOR SHALL MAKE PROVISIONS FOR ACCESS TO THE WORK SITE AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK. SEE NOTE 3 BELOW.
  - C) THROUGHOUT THE DURATION OF THE CONTRACT, ANY DAMAGE TO THE ACCESS CONTROLLERS OR FENCING ADJACENT TO THE PROJECT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE AIRPORT MANAGER.
  - D) ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  - E) THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS TO NOT DISTURB AGRICULTURAL AREAS OR VIOLATE THE PART 77 APPROACH AND PRIMARY SURFACES.
  - F) EMPLOYEE PERSONAL VEHICLES SHALL NOT BE ALLOWED BEYOND THE CONTRACTOR'S PARKING AREA. CONTRACTOR PERSONNEL SHALL PARK IN THE CONTRACTOR'S STORAGE AREA. PERSONNEL SHALL BE TRANSPORTED TO THE WORK SITE BY COMPANY OWNED VEHICLES.
  - G) THE CONTRACTOR SHALL PROVIDE CONSTRUCTION ENTRANCE SIGNAGE ON U.S. ROUTE 45 AS REQUIRED BY CHAMPAIGN COUNTY HIGHWAY DEPARTMENT AND THE TOLONO TOWNSHIP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ACCESS ROADS WITH THE APPROPRIATE AGENCY RESPONSIBLE FOR THE ROADWAY.
  - H) THE CONTRACTOR SHALL HAVE A VACUUM TYPE SWEEPER AVAILABLE AT ALL TIMES.
- 2.) AN AREA WILL BE PROVIDED BY THE AIRPORT TO THE CONTRACTOR AS THE STAGING, STORAGE AND EMPLOYEE PARKING SITE, AT THE LOCATION SHOWN.

GROUND CONTROL FREQUENCY 121.8 MHZ

MAXIMUM EQUIPMENT HEIGHT 25 FEET

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34x22).

UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 GENERAL NOTES AND DETAILS

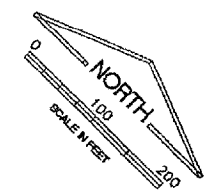
© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000613



DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET	3 OF 45 SHEETS

IMAGE FILES

**UN044**  
 K:\Champaign\0505903\Draw\Sheets\FILE: 04\_SITEPLAN.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 8:27am  
 XREF DWG: CAALLY.dwg  
 C:\info.dwg  
 tb.dwg  
 EP\_Base.DWG  
 EP-Topo.dwg



REVISIONS		
NUMBER	BY	DATE


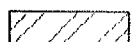
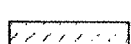
0 1 2  
 THIS BAR IS EQUAL TO 2'  
 AT FULL SCALE (34X22).

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 PROJECT SITE PLAN**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 984-00613

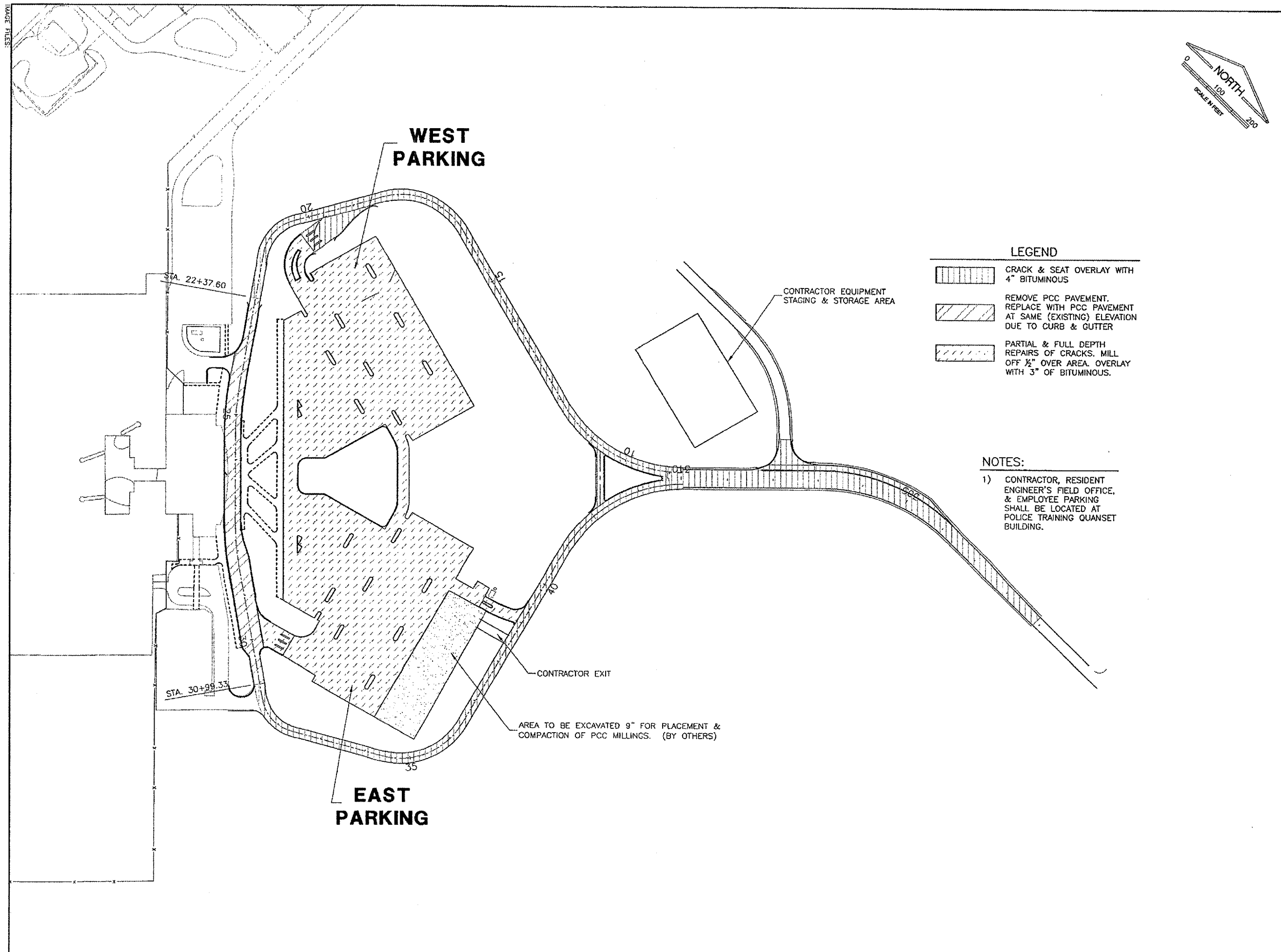
DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM-3473
SHEET 04 OF 45 SHEETS	

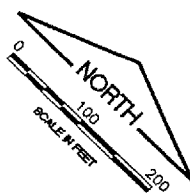
**LEGEND**

-  CRACK & SEAT OVERLAY WITH 4" BITUMINOUS
-  REMOVE PCC PAVEMENT. REPLACE WITH PCC PAVEMENT AT SAME (EXISTING) ELEVATION DUE TO CURB & GUTTER
-  PARTIAL & FULL DEPTH REPAIRS OF CRACKS. MILL OFF 1/2" OVER AREA. OVERLAY WITH 3" OF BITUMINOUS.

**NOTES:**

- 1) CONTRACTOR, RESIDENT ENGINEER'S FIELD OFFICE, & EMPLOYEE PARKING SHALL BE LOCATED AT POLICE TRAINING QUANSET BUILDING.





**PHASE 1 ROADWAY NOTES**

1. BETWEEN THE HOURS OF 6:00 AM AND 11:30 PM, THE CONTRACTOR IS TO PROVIDE 11-FOOT DRIVING LANES FOR PUBLIC USE. THE REMAINDER OF THE PAVEMENT IS AVAILABLE TO THE CONTRACTOR FOR CONSTRUCTION. SHOULD THE CONTRACTOR DECIDE TO WORK BETWEEN THE HOURS OF 6:00 am AND 11:30 pm, THE CONTRACTOR SHALL CLOSE THE WORK ZONE IN ACCORDANCE WITH ILLINOIS STANDARD 701501-02.
2. BETWEEN THE HOURS OF 11:30 pm AND 6:00 am, THE CONTRACTOR MAY CLOSE THE ENTIRE PAVEMENT. THE FULL WIDTH OF THE PAVEMENT IS AVAILABLE TO THE CONTRACTOR FOR CONSTRUCTION. SHOULD THE CONTRACTOR CHOOSE TO WORK BETWEEN THE HOURS OF 11:30 pm AND 6:00 am, THE CONTRACTOR SHALL CLOSE THE WORK ZONE IN ACCORDANCE WITH ILLINOIS STANDARD 701501-02.
3. THE CONTRACTOR IS TO DETERMINE THE HOURS OF WORK. NIGHT WORK IS ANTICIPATED.
4. CONTINUE TO PROVIDE ONE DRIVING LANE FOR PUBLIC ACCESS TO PARKING LOT AT ALL TIMES.

**LEGEND**

- VEHICLE ACCESS
- ➔ CONTRACTOR ACCESS
- ◇◇ BARRICADE LINE
- ▨ WORK LIMITS

**PHASE 1 PARKING LOT NOTES:**

SEE PARKING LOT GENERALIZED WORKZONE REQUIREMENTS SHEET.

**PHASE 1A NOTES:**

1. CONTRACTOR TO PROVIDE 11 FT. TURN LANE FOR PUBLIC USE DURING PHASE.

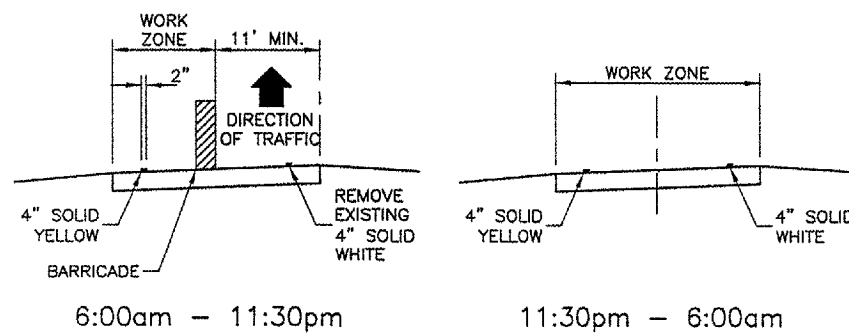
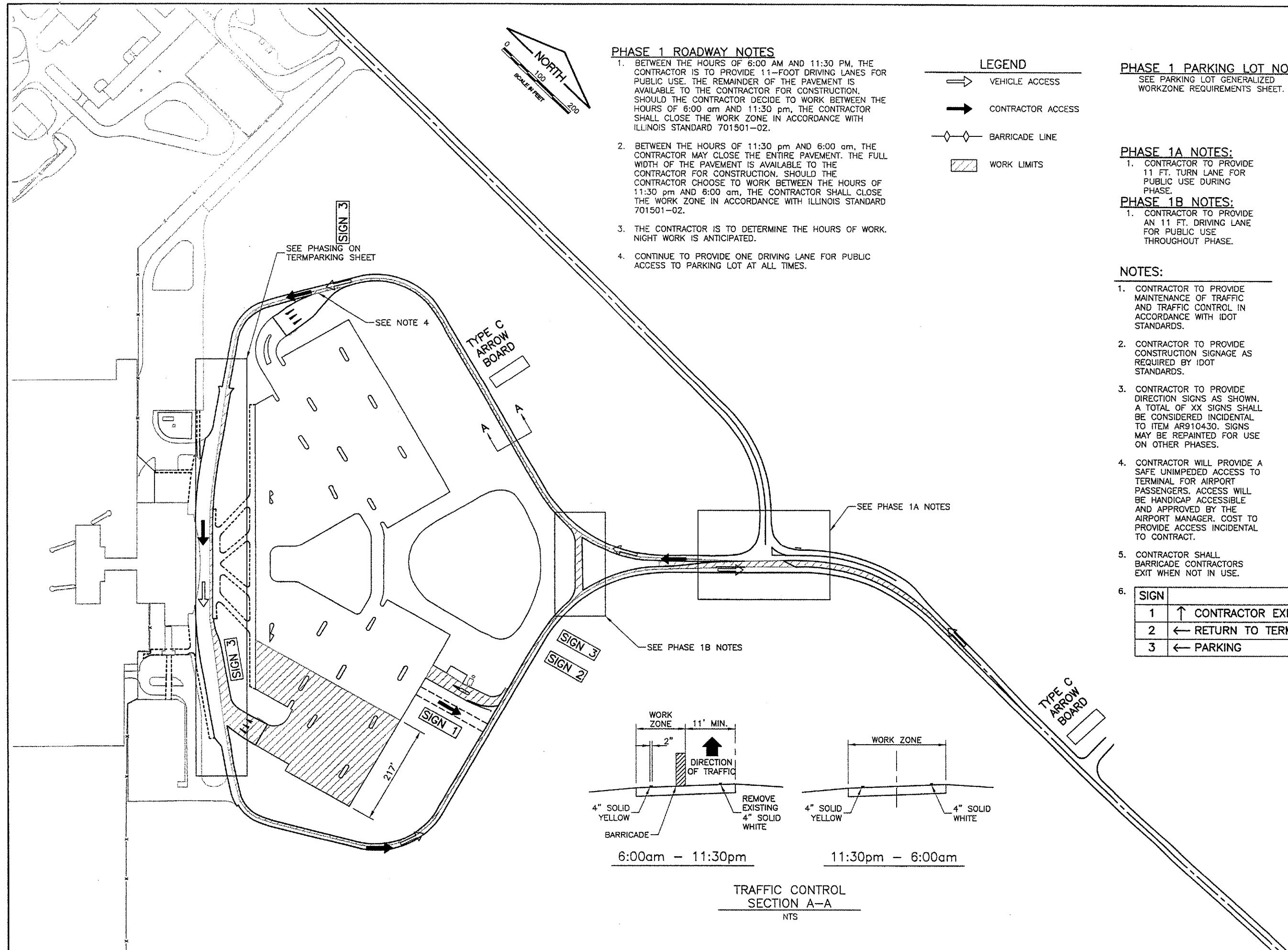
**PHASE 1B NOTES:**

1. CONTRACTOR TO PROVIDE AN 11 FT. DRIVING LANE FOR PUBLIC USE THROUGHOUT PHASE.

**NOTES:**

1. CONTRACTOR TO PROVIDE MAINTENANCE OF TRAFFIC AND TRAFFIC CONTROL IN ACCORDANCE WITH IDOT STANDARDS.
2. CONTRACTOR TO PROVIDE CONSTRUCTION SIGNAGE AS REQUIRED BY IDOT STANDARDS.
3. CONTRACTOR TO PROVIDE DIRECTION SIGNS AS SHOWN. A TOTAL OF XX SIGNS SHALL BE CONSIDERED INCIDENTAL TO ITEM AR910430. SIGNS MAY BE REPAINTED FOR USE ON OTHER PHASES.
4. CONTRACTOR WILL PROVIDE A SAFE UNIMPEDED ACCESS TO TERMINAL FOR AIRPORT PASSENGERS. ACCESS WILL BE HANDICAP ACCESSIBLE AND APPROVED BY THE AIRPORT MANAGER. COST TO PROVIDE ACCESS INCIDENTAL TO CONTRACT.
5. CONTRACTOR SHALL BARRICADE CONTRACTORS EXIT WHEN NOT IN USE.

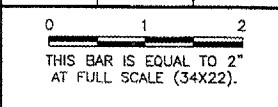
SIGN	
1	↑ CONTRACTOR EXIT ONLY
2	← RETURN TO TERMINAL
3	← PARKING



TRAFFIC CONTROL SECTION A-A  
 NTS

REVISIONS

NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS WILLARD AIRPORT**  
**REHABILITATE TERMINAL PARKING AREA**  
**CONSTRUCTION ACTIVITY PLAN**  
**PHASE 1**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 864-00016

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM1-3473

**PHASE 2 ROADWAY NOTES**

1. BETWEEN THE HOURS OF 6:00 AM AND 11:30 PM, THE CONTRACTOR IS TO PROVIDE 11-FOOT DRIVING LANES FOR PUBLIC USE. THE REMAINDER OF THE PAVEMENT IS AVAILABLE TO THE CONTRACTOR FOR CONSTRUCTION. SHOULD THE CONTRACTOR DECIDE TO WORK BETWEEN THE HOURS OF 6:00 am AND 11:30 pm, THE CONTRACTOR SHALL CLOSE THE WORK ZONE IN ACCORDANCE WITH ILLINOIS STANDARD 701501-02.
2. BETWEEN THE HOURS OF 11:30 pm AND 6:00 am, THE CONTRACTOR MAY CLOSE THE ENTIRE PAVEMENT. THE FULL WIDTH OF THE PAVEMENT IS AVAILABLE TO THE CONTRACTOR FOR CONSTRUCTION. SHOULD THE CONTRACTOR CHOOSE TO WORK BETWEEN THE HOURS OF 11:30 pm AND 6:00 am, THE CONTRACTOR SHALL CLOSE THE WORK ZONE IN ACCORDANCE WITH ILLINOIS STANDARD 701501-02.
3. THE CONTRACTOR IS TO DETERMINE THE HOURS OF WORK. NIGHT WORK IS ANTICIPATED.
4. WHERE SHOWN, PROVIDE ROAD CLOSURE SIGN IN ACCORDANCE WITH IL. STANDARD 70 2001-04
5. 3 WORK ZONE CLOSERS ARE REQUIRED.

**PHASE 2 PARKING LOT NOTES:**

SEE PARKING LOT GENERALIZED WORKZONE REQUIREMENTS SHEET.

**PHASE 2A NOTES:**

1. CONTRACTOR SHALL ACCELERATE PHASE 2A, MINIMIZING LENGTH OF CLOSURE.
2. CONTRACTOR TO PROVIDE AN 11" DRIVING LANE FOR PUBLIC ACCESS AND EGRESS DURING PHASE 2A.
3. DURING TIME WHEN ACCESS ROAD IN PHASE 2A IS CLOSED, THE CONTRACTOR MAY NOT CLOSE ACCESS TO EMPLOYEE PARKING LOT WEST OF THE TERMINAL BUILDING.

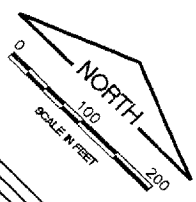
**LEGEND**

- VEHICLE ACCESS
- CONTRACTOR ACCESS
- DIRECTION SIGN
- ◇ BARRICADE LINE
- ▨ WORK LIMITS
- ⊘ ROAD CLOSED

**NOTES:**

1. CONTRACTOR TO PROVIDE MAINTENANCE OF TRAFFIC AND TRAFFIC CONTROL IN ACCORDANCE WITH IDOT STANDARDS.
2. CONTRACTOR TO PROVIDE CONSTRUCTION SIGNAGE AS REQUIRED BY IDOT STANDARDS.
3. CONTRACTOR TO PROVIDE DIRECTION SIGNS AS SHOWN. A TOTAL OF XX SIGNS SHALL BE CONSIDERED INCIDENTAL TO ITEM AR910430. SIGNS MAY BE REPAINTED FOR USE ON OTHER PHASES.
4. THE USE OF SEMI-TRUCKS MAY BE RESTRICTED FOR CONSTRUCTION IN THE PARKING LOT DUE TO LIMITED ACCESS.
5. CONTRACTOR WILL PROVIDE A SAFE UNIMPEDED ACCESS TO TERMINAL FOR AIRPORT PASSENGERS. ACCESS WILL BE HANDICAP ACCESSIBLE AND APPROVED BY THE AIRPORT MANAGER. COST TO PROVIDE ACCESS INCIDENTAL TO CONTRACT.
6. CONTRACTOR SHALL BARRICADE EXIT WHEN NOT IN USE.

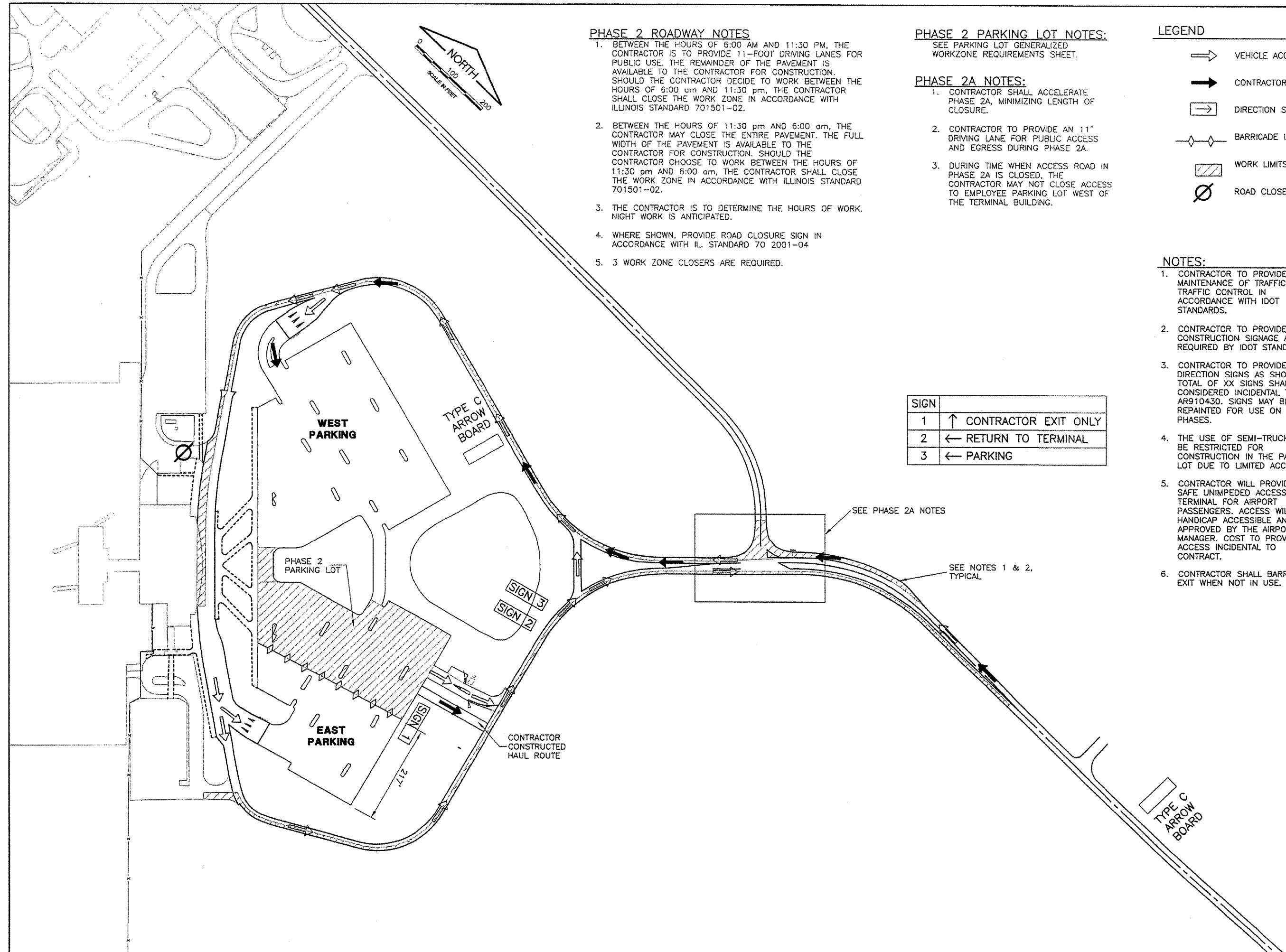
SIGN	
1	↑ CONTRACTOR EXIT ONLY
2	← RETURN TO TERMINAL
3	← PARKING



**REVISIONS**

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34x22).



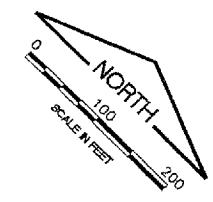
**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 CONSTRUCTION ACTIVITY PLAN  
 PHASE 2**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84F-000613



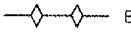

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM1-3473

UN044

K:\Champaign\0505903\Draw\Sheets\  
 FILE: 07\_CAP-PHASE 3.dwg  
 LAYOUT: Layout1  
 UPDATE BY: dallen  
 SURVEY BOOK #  
 DATE: Tue 11/22/05 4:23pm  
 XREF DWG: CAALLY.dwg  
 C:\info.dwg  
 tb.dwg

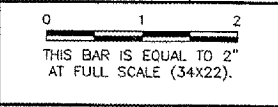


**LEGEND**

-  VEHICLE ACCESS
-  CONTRACTOR ACCESS
-  BARRICADE LINE
-  WORK LIMITS

**PHASE 3 PARKING LOT NOTES:**  
 SEE PARKING LOT GENERALIZED  
 WORKZONE REQUIREMENTS SHEET.

REVISIONS		
NUMBER	BY	DATE



**NOTES:**

1. CONTRACTOR TO PROVIDE MAINTENANCE OF TRAFFIC AND TRAFFIC CONTROL IN ACCORDANCE WITH IDOT STANDARDS.
2. CONTRACTOR TO PROVIDE CONSTRUCTION SIGNAGE AS REQUIRED BY IDOT STANDARDS.
3. CONTRACTOR TO PROVIDE DIRECTION SIGNS AS SHOWN. A TOTAL OF XX SIGNS SHALL BE CONSIDERED INCIDENTAL TO ITEM AR910430. SIGNS MAY BE REPAINTED FOR USE ON OTHER PHASES.
4. CONTRACTOR WILL PROVIDE A SAFE UNIMPEDED ACCESS TO TERMINAL FOR AIRPORT PASSENGERS. ACCESS WILL BE HANDICAP ACCESSIBLE AND APPROVED BY THE AIRPORT MANAGER. COST TO PROVIDE ACCESS INCIDENTAL TO CONTRACT.
5. CONTRACTOR SHALL BARRICADE EXIT WHEN NOT IN USE.

SIGN	
1	↑ CONTRACTOR EXIT ONLY



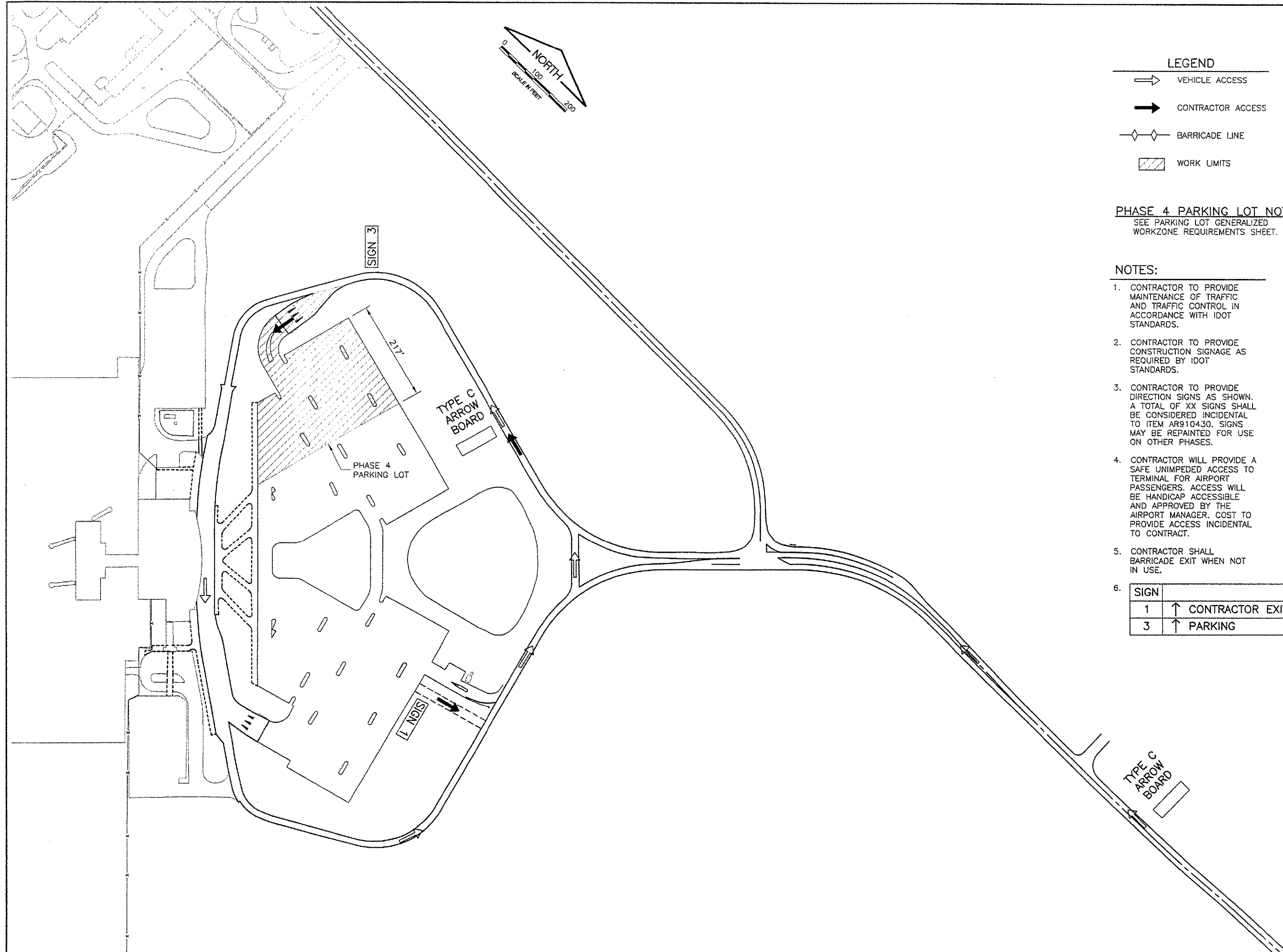
**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 CONSTRUCTION ACTIVITY PLAN  
 PHASE 3**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000693

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473

UN044

K:\Champaign\0505903\Draw\Sheets\  
 FILE: OB\_CAP-PHASE 4.dwg  
 LAYOUT: Layout1  
 UPDATE BY: dallan  
 SURVEY BOOK #  
 DATE: Tue 11/22/05 4:28pm  
 XREF DWG: CAALLY.dwg  
 C:\info.dwg  
 tb.dwg



**LEGEND**

- VEHICLE ACCESS
- ➔ CONTRACTOR ACCESS
- ◇◇ BARRICADE LINE
- ▨ WORK LIMITS

**PHASE 4 PARKING LOT NOTES:**  
 SEE PARKING LOT GENERALIZED  
 WORKZONE REQUIREMENTS SHEET.

**NOTES:**

1. CONTRACTOR TO PROVIDE MAINTENANCE OF TRAFFIC AND TRAFFIC CONTROL IN ACCORDANCE WITH IDOT STANDARDS.
2. CONTRACTOR TO PROVIDE CONSTRUCTION SIGNAGE AS REQUIRED BY IDOT STANDARDS.
3. CONTRACTOR TO PROVIDE DIRECTION SIGNS AS SHOWN. A TOTAL OF XX SIGNS SHALL BE CONSIDERED INCIDENTAL TO ITEM AR910430. SIGNS MAY BE REPAINTED FOR USE ON OTHER PHASES.
4. CONTRACTOR WILL PROVIDE A SAFE UNIMPEDED ACCESS TO TERMINAL FOR AIRPORT PASSENGERS. ACCESS WILL BE HANDICAP ACCESSIBLE AND APPROVED BY THE AIRPORT MANAGER. COST TO PROVIDE ACCESS INCIDENTAL TO CONTRACT.
5. CONTRACTOR SHALL BARRICADE EXIT WHEN NOT IN USE.

SIGN	
1	↑ CONTRACTOR EXIT ONLY
3	↑ PARKING

**REVISIONS**

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2'  
 AT FULL SCALE (34X22).

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 CONSTRUCTION ACTIVITY PLAN  
 PHASE 4**

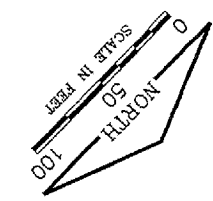
© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000518

DESIGN BY: CMT  
 DRAWN BY: CMT  
 CHECKED BY: JEF  
 APPROVED BY: SMH  
 DATE: 11/11/05  
 JOB No: 0505903  
 ILL. PROJECT: CMI-3473



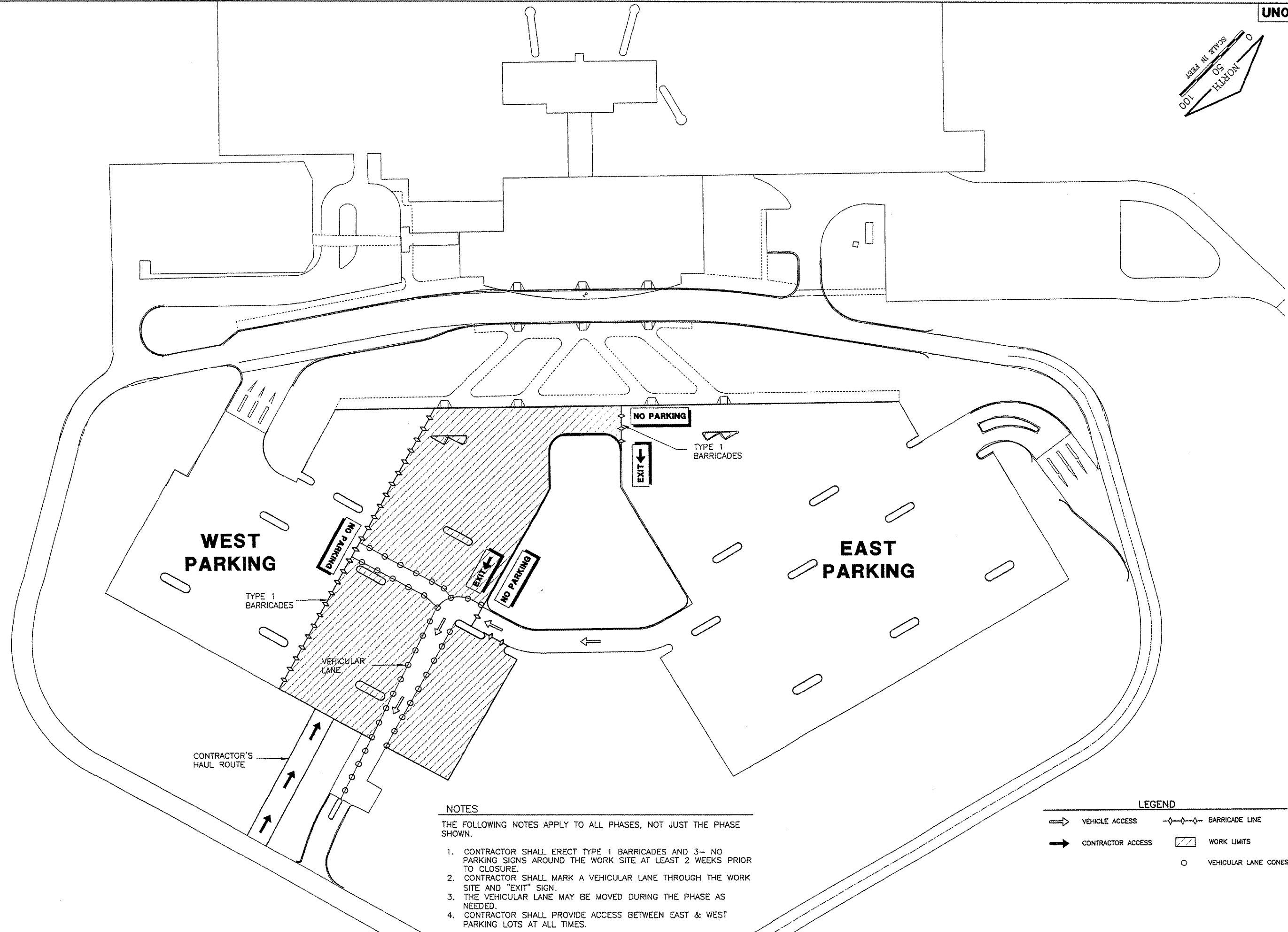
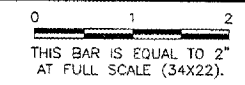
UN044

K:\Champaign\0505903\Draw\Sheets\  
 FILE: 09\_PARKLOT-WORKZONES.dwg  
 LAYOUT: Layout1  
 UPDATE BY: cullen  
 SURVEY BOOK #  
 DATE: Tue 11/22/05 4:31pm  
 XREF DWG: Cintinfo.dwg  
 tb.dwg  
 EP-Topo.dwg  
 XREFMARKING.dwg  
 MARKING-P.dwg  
 CMBaseEPOEL.dwg



REVISIONS

NUMBER	BY	DATE



UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 GENERALIZED PARKING LOT  
 WORK ZONE REQUIREMENTS

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000613

NOTES

- THE FOLLOWING NOTES APPLY TO ALL PHASES, NOT JUST THE PHASE SHOWN.
1. CONTRACTOR SHALL ERECT TYPE 1 BARRICADES AND 3- NO PARKING SIGNS AROUND THE WORK SITE AT LEAST 2 WEEKS PRIOR TO CLOSURE.
  2. CONTRACTOR SHALL MARK A VEHICULAR LANE THROUGH THE WORK SITE AND "EXIT" SIGN.
  3. THE VEHICULAR LANE MAY BE MOVED DURING THE PHASE AS NEEDED.
  4. CONTRACTOR SHALL PROVIDE ACCESS BETWEEN EAST & WEST PARKING LOTS AT ALL TIMES.

LEGEND

- VEHICLE ACCESS
- CONTRACTOR ACCESS
- △—△—△— BARRICADE LINE
- ▨ WORK LIMITS
- VEHICULAR LANE CONES

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	SMH
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473

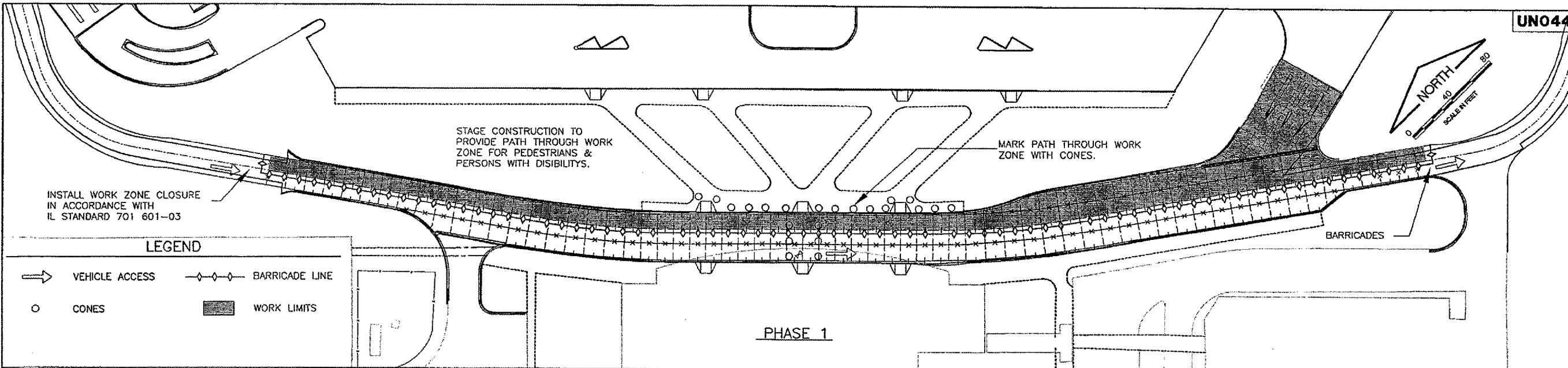
UN044

K:\Chempogr\10505903\Draw\Sheets\FILE: 10\_TERM-PHASING.dwg  
LAYOUT: Layout1  
UPDATE BY: jfrank  
SURVEY BOOK #  
DATE: Thu 11/17/05 8:40am  
XREF DWG: CAALLY.dwg  
C:\Info.dwg  
lb.dwg  
EP-Topo.dwg  
JOINT\_BASE.dwg

REVISIONS

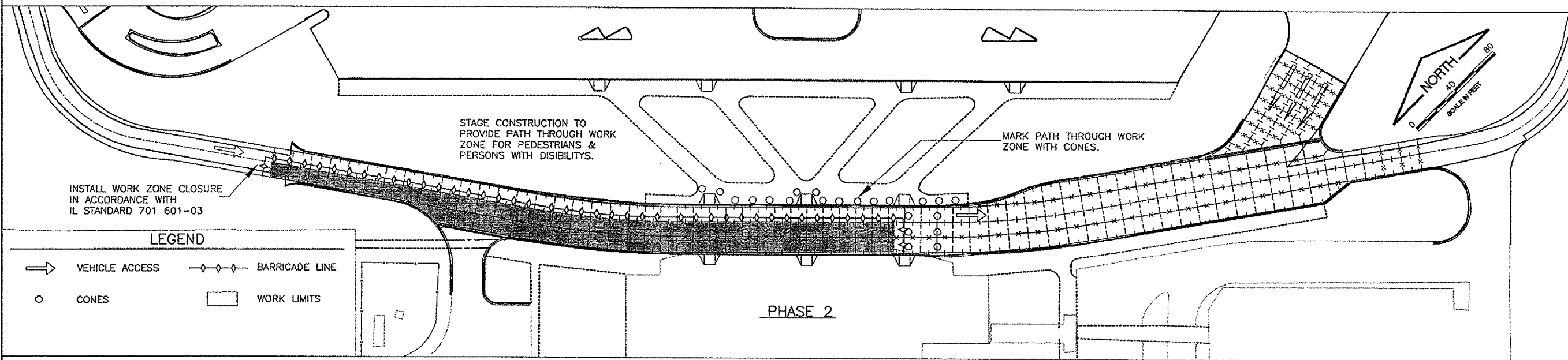
NUMBER	BY	DATE

0 1 2  
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).



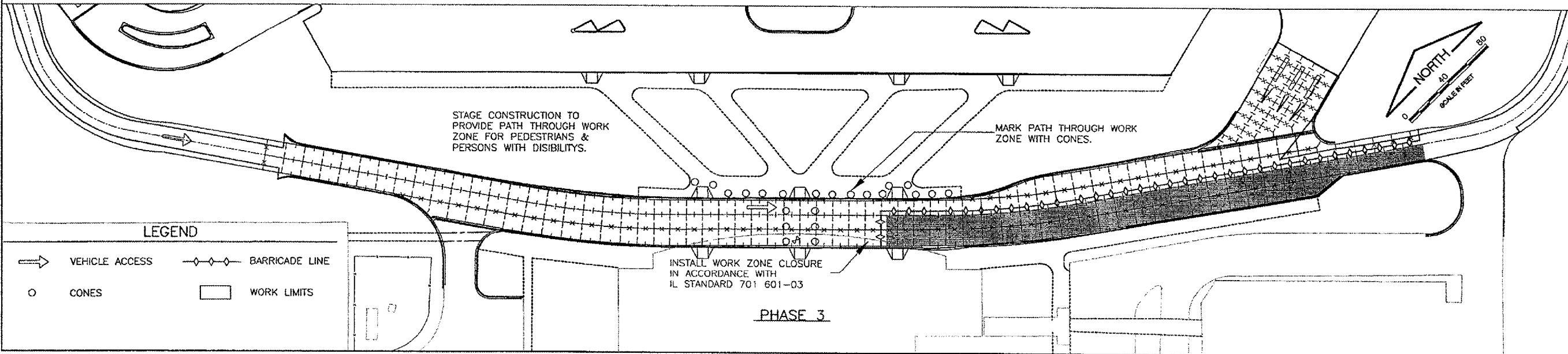
LEGEND

- VEHICLE ACCESS
- CONES
- ◆◆◆ BARRICADE LINE
- WORK LIMITS



LEGEND

- VEHICLE ACCESS
- CONES
- ◆◆◆ BARRICADE LINE
- WORK LIMITS



LEGEND

- VEHICLE ACCESS
- CONES
- ◆◆◆ BARRICADE LINE
- WORK LIMITS

UNIVERSITY OF ILLINOIS  
WILLARD AIRPORT  
REHABILITATE TERMINAL PARKING AREA  
CONSTRUCTION ACTIVITY PLAN  
PHASING AT TERMINAL

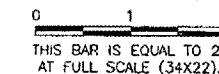
© copyright CMT, Inc.  
**CMT**  
CRAWFORD, MERRY & TLLY, INC.  
CONSULTING ENGINEERS  
License No. 94-000913

DESIGN BY: CMT  
DRAWN BY: CMT  
CHECKED BY: SMH  
APPROVED BY: SMH  
DATE: 11/11/05  
JOB No: 0505903  
IL PROJECT: CMI-3473

IMAGE FILES:

REVISIONS

NUMBER	BY	DATE



THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER, THE DIVISION, OR THE PROJECT ENGINEERS ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

IT SHALL BE THE CONTRACTORS 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 COMPANY OF HIS OPERATIONAL PLANS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, THE OWNER, AND THE RESIDENT ENGINEER. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.

LEGEND

- 540 ——— EXISTING CONTOUR
- - - - - FUTURE PAVEMENT
- ===== EXISTING PAVEMENT
- ===== PROPOSED PAVEMENT
- E ——— EXISTING POWER CABLE
- S ——— EXISTING SANITARY SEWER
- W ——— EXISTING WATERMAIN
- SS ——— EXISTING STORM SEWER
- UD ——— EXISTING UNDERDRAIN
- ===== EXISTING DUCT BANK
- R PROPOSED REMOVAL
- RR PROPOSED RELOCATION
- PCC PAVEMENT TO BE REMOVED
- BUTT JOINT MILLING
- BITUMINOUS PAVEMENT MILLING (1/2")
- PCC PAVEMENT MILLING FOR TRANSITIONS
- ===== TYPE B CURB TO BE REMOVED
- EXISTING LIGHT POLE
- EXISTING POSTED SIGN
- EXISTING DUCT MARKER
- EXISTING GUARD POST
- EXISTING FLOOD LIGHT
- EXISTING FENCE POST
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING ELECTRICAL MANHOLE
- EXISTING INLET
- EXISTING UNDERDRAIN CLEANOUT
- EXISTING FLARED END SECTION
- EXISTING FLAGPOLE

UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 EXISTING CONDITIONS & REMOVALS  
 LEGEND & NOTES

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-002613

DESIGN BY: JEF

DRAWN BY: DPA

CHECKED BY: JEF

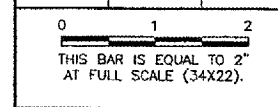
APPROVED BY: SMH

DATE: 11/11/05

JOB No: 0505903

IL PROJECT: CMI-3473

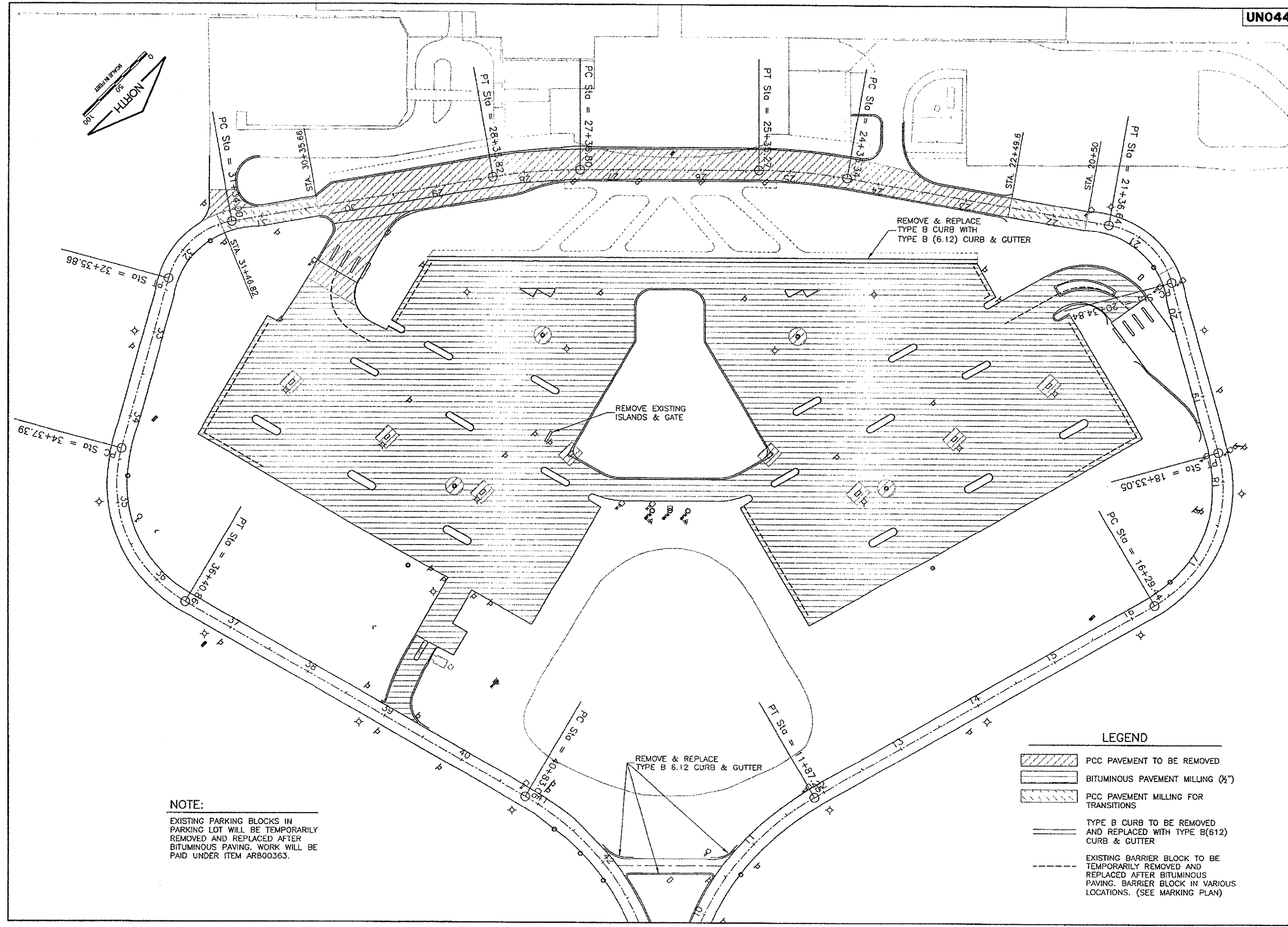
REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 EXISTING CONDITIONS  
 AND REMOVALS PLAN 1**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. BA-000615

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473



REMOVE & REPLACE  
 TYPE B CURB WITH  
 TYPE B (6.12) CURB & GUTTER

REMOVE EXISTING  
 ISLANDS & GATE

REMOVE & REPLACE  
 TYPE B 6.12 CURB & GUTTER

**LEGEND**

- PCC PAVEMENT TO BE REMOVED
- BITUMINOUS PAVEMENT MILLING (1/2")
- PCC PAVEMENT MILLING FOR TRANSITIONS
- TYPE B CURB TO BE REMOVED AND REPLACED WITH TYPE B(612) CURB & GUTTER
- EXISTING BARRIER BLOCK TO BE TEMPORARILY REMOVED AND REPLACED AFTER BITUMINOUS PAVING. BARRIER BLOCK IN VARIOUS LOCATIONS. (SEE MARKING PLAN)

**NOTE:**  
 EXISTING PARKING BLOCKS IN PARKING LOT WILL BE TEMPORARILY REMOVED AND REPLACED AFTER BITUMINOUS PAVING. WORK WILL BE PAID UNDER ITEM AR800363.

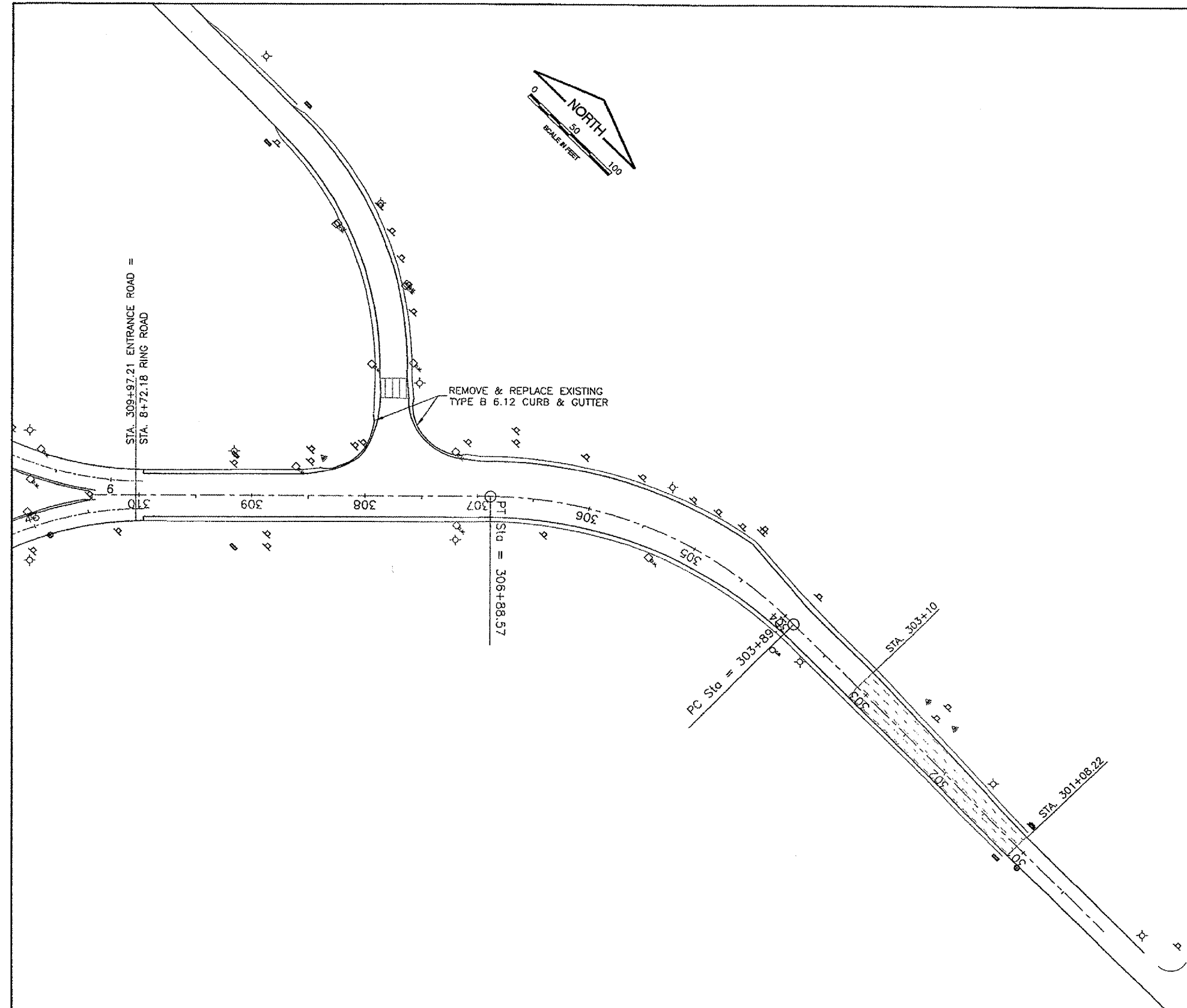
UN044

K:\Champaign\0505903\Draw\Sheets\FILE: 13\_EXCON02.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 8:42am  
 XREF DWG: C:\ALLI.dwg  
 C:\info.dwg  
 EP\_Base.DWG  
 EP-Topo.dwg

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2'  
 AT FULL SCALE (34X22).



UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 EXISTING CONDITIONS  
 AND REMOVALS PLAN 2

© Copyright 2001, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84-000613

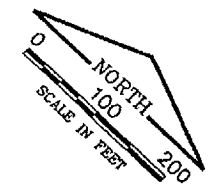
LEGEND

	BUTT JOINT MILLING
	PCC PAVEMENT MILLING FOR TRANSITIONS

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET	13 OF 45 SHEETS

UN044

K:\Champaign\0505903\Draw\Sheets\
FILE: 14\_IND\_X\_TYPSEC.dwg
LAYOUT: Layout1
UPDATE BY: jfrank
SURVEY BOOK #
DATE: Thu 11/17/05 8:42am
XREF DWG: CAALL.Y.dwg
Cintinfo.dwg
tb.dwg



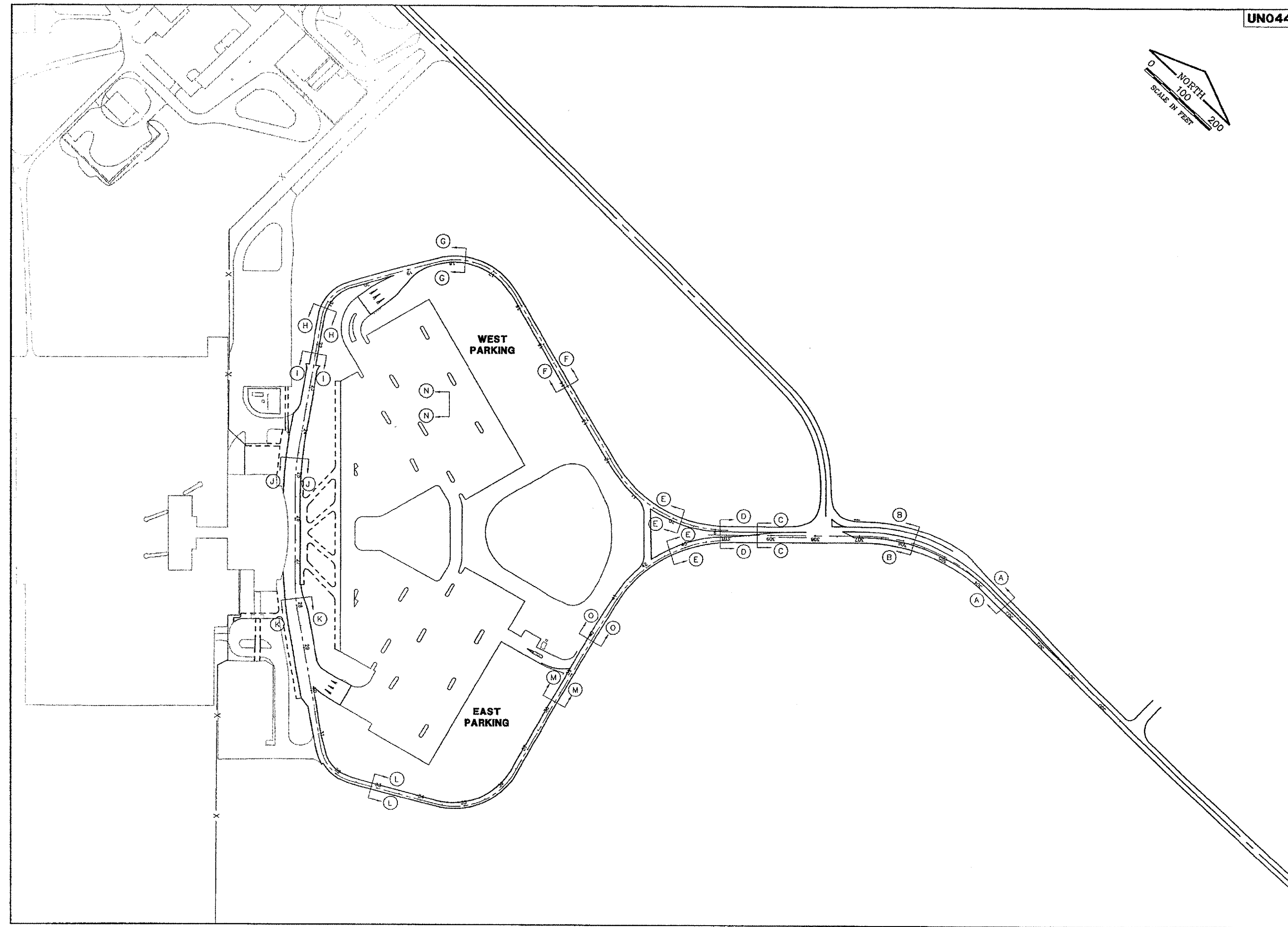
REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34X22).

UNIVERSITY OF ILLINOIS
WILLARD AIRPORT
REHABILITATE TERMINAL PARKING AREA
INDEX TO TYPICAL SECTIONS

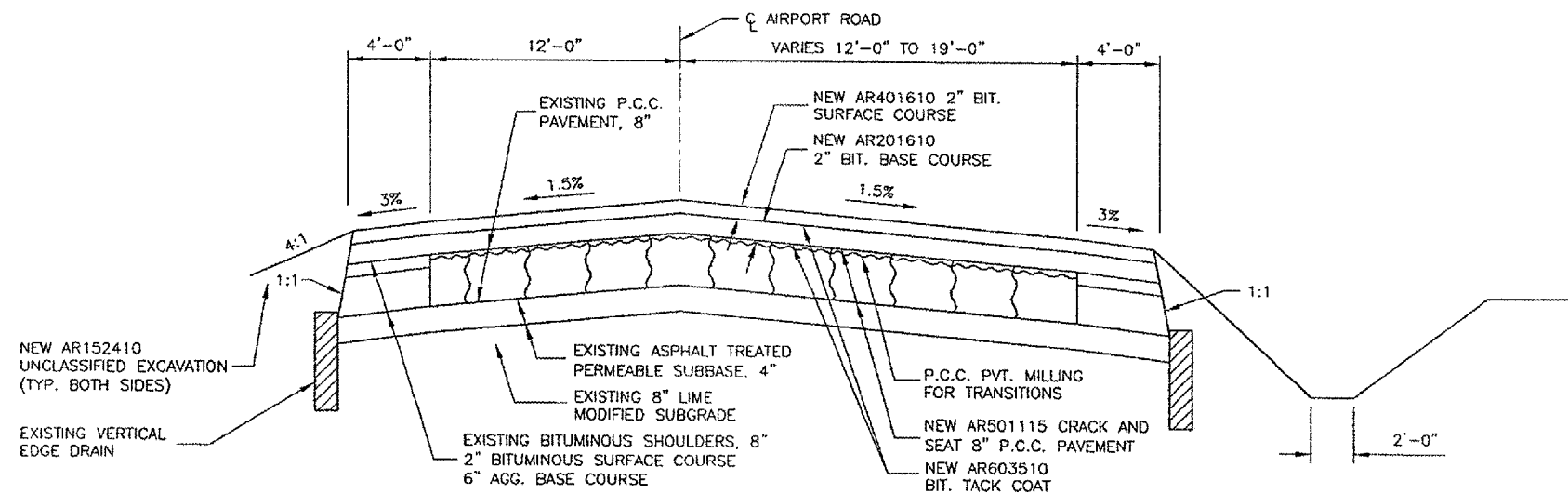
© Copyright CMT, Inc.
CMT
CRANFORD, MURPHY & TULLY, INC.
CONSULTING ENGINEERS
License No. 64-000018

DESIGN BY:	JEF
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL. PROJECT:	CMI-3473

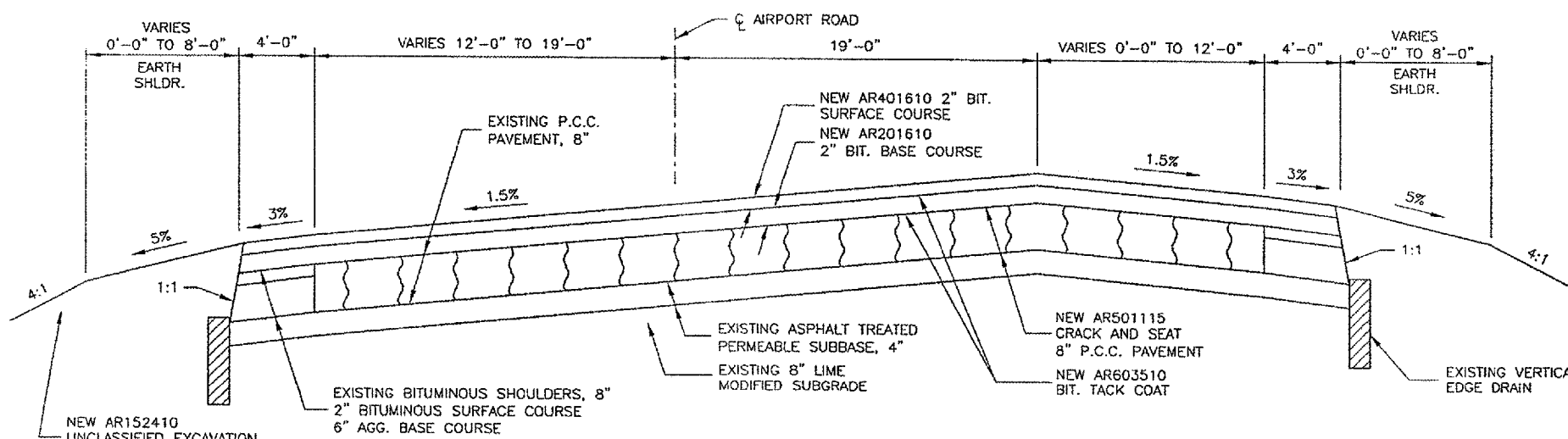


UNO44

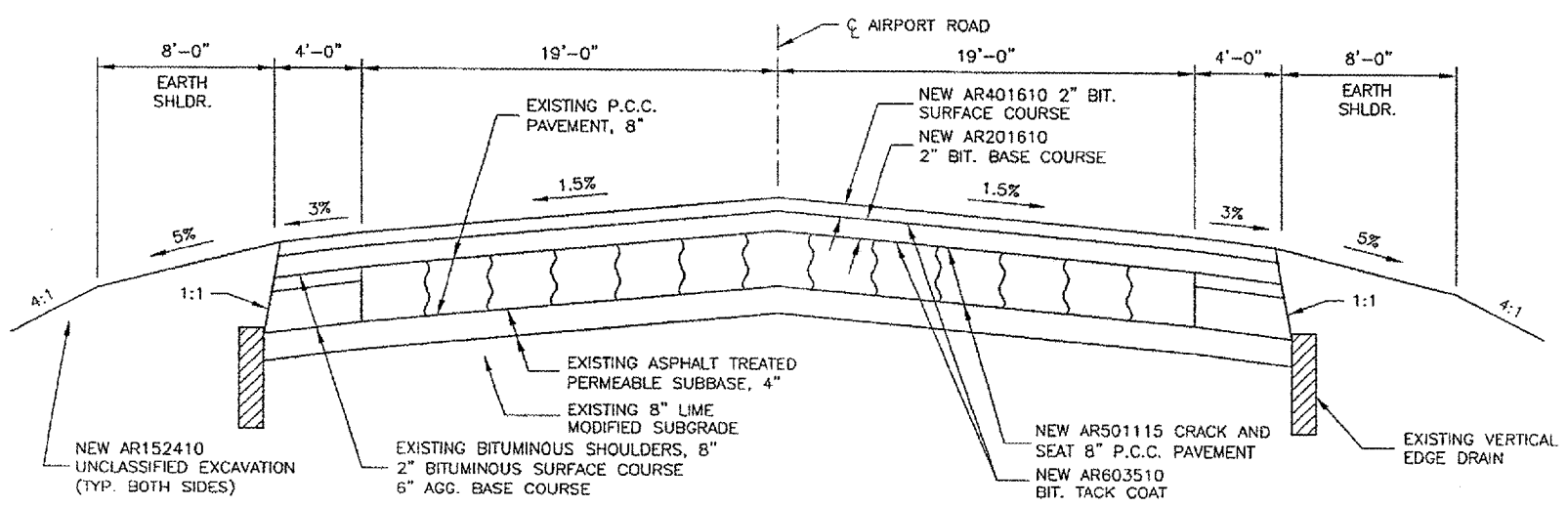
K:\Champaign\0505903\Draw\Sheets\FILE: 15\_TYPSEC01.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 8:43am  
 XREF DWG: C:\info.dwg  
 to.dwg



TYPICAL SECTION - ENTRANCE ROAD (A)  
 STA. 301+08.22 TO STA. 303+71.31  
 N.T.S.

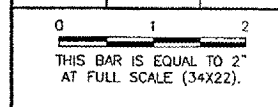


TYPICAL SECTION - ENTRANCE ROAD (B)  
 STA. 303+71.31 TO STA. 306+88.19  
 N.T.S.



TYPICAL SECTION - ENTRANCE ROAD (C)  
 STA. 308+63.82 TO STA. 310+25.38  
 N.T.S.

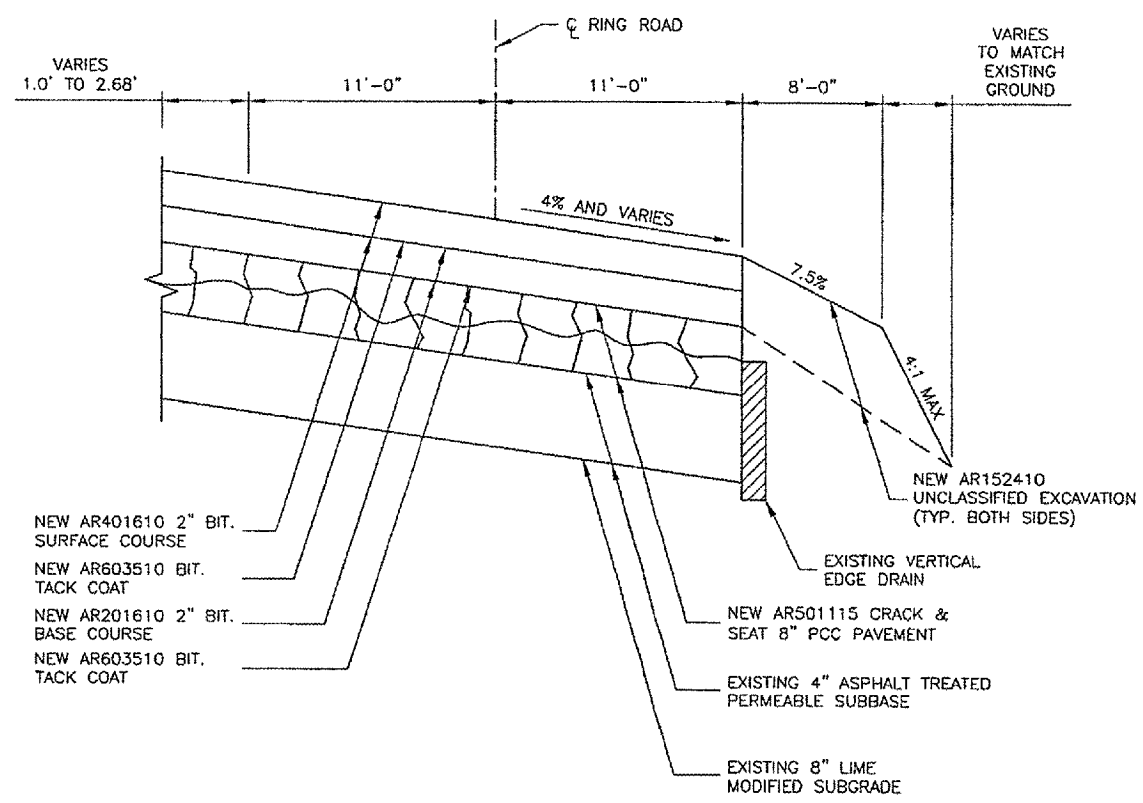
REVISIONS		
NUMBER	BY	DATE



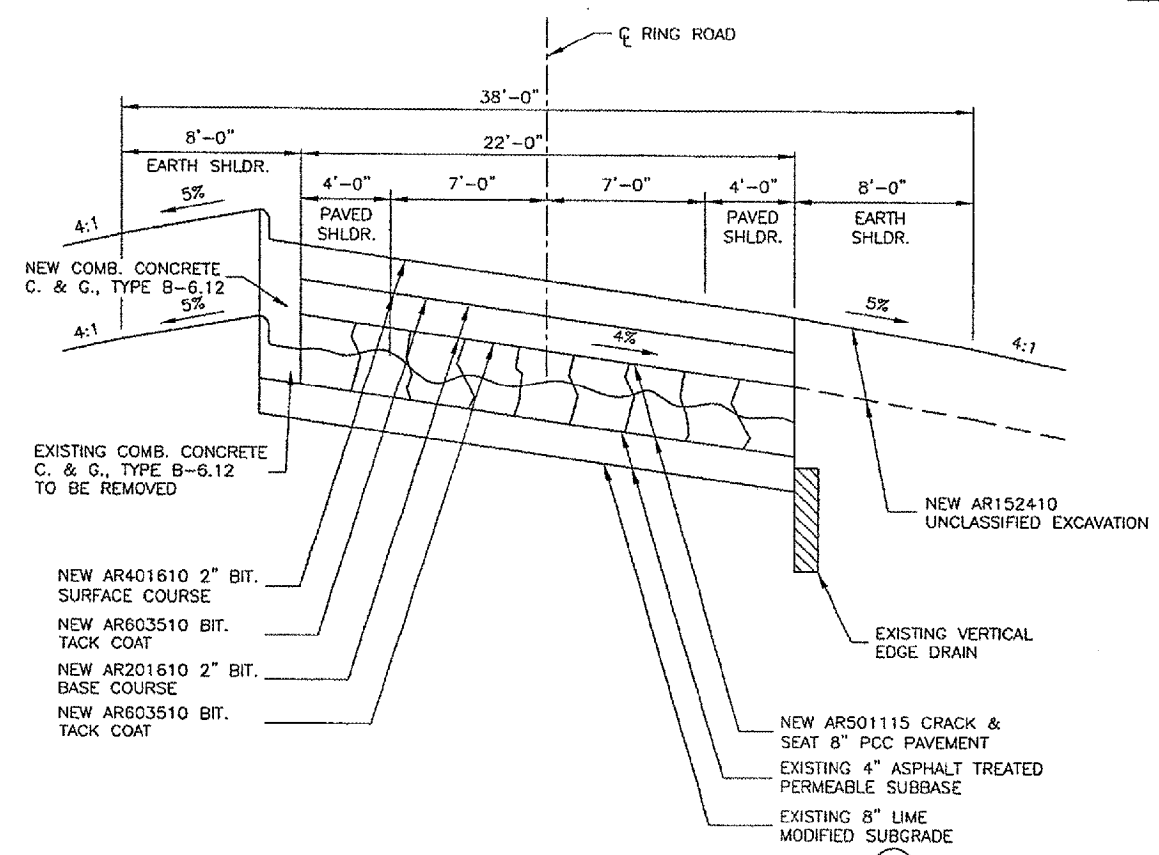
UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 TYPICAL SECTIONS SHEET 1

© Copyright CMT, Inc.  
  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 181-000613

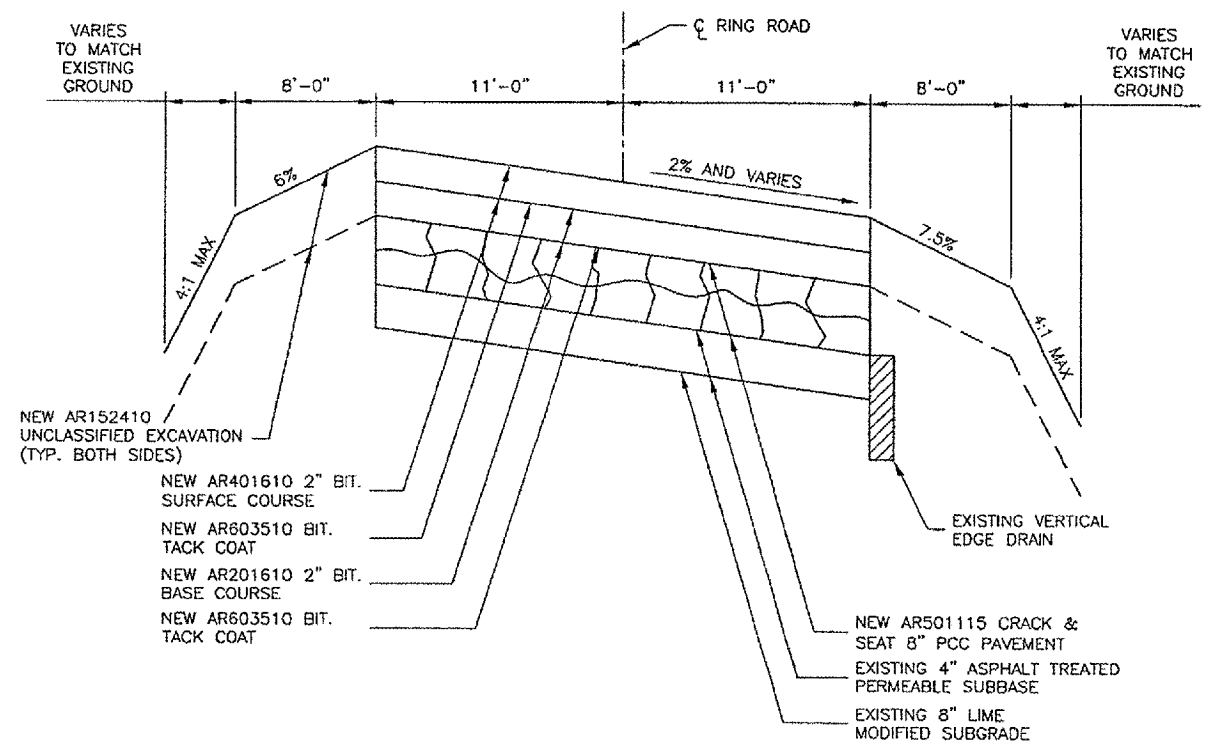
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM-3473



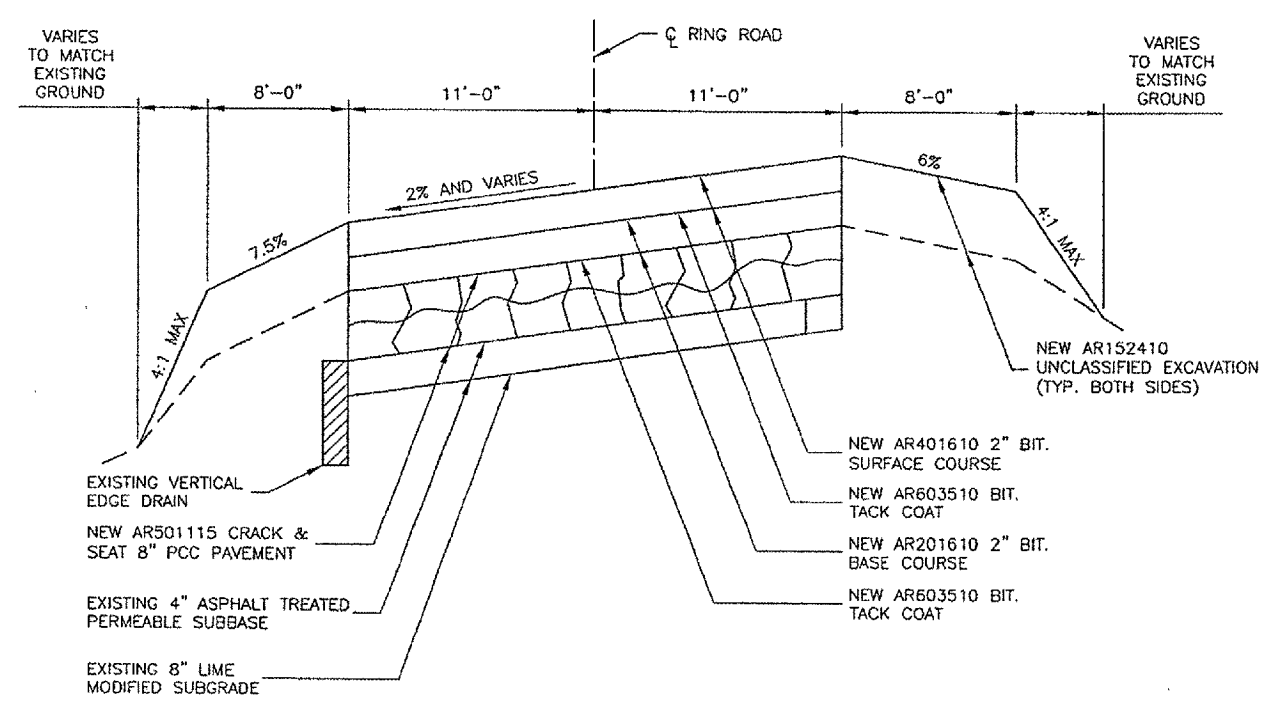
**TYPICAL SECTION - RING ROAD (D)**  
 STA. 8+72.18 TO STA. 9+03.30  
 STA. 43+63.78 TO STA. 44+00.90  
 N.T.S.



**TYPICAL SECTION - RING ROAD / RETURN ROAD (E)**  
 STA. 9+03.30 TO STA. 10+86.80  
 STA. 41+83.62 TO STA. 43+69.78  
 N.T.S.

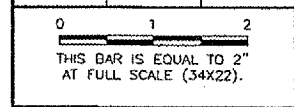


**TYPICAL SECTION - RING ROAD (F)**  
 STA. 10+87.98 TO STA. 15+94.52  
 N.T.S.



**TYPICAL SECTION - RING ROAD (G)**  
 STA. 15+94.52 TO STA. 18+47.47  
 N.T.S.

REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA**

**TYPICAL SECTIONS SHEET 2**

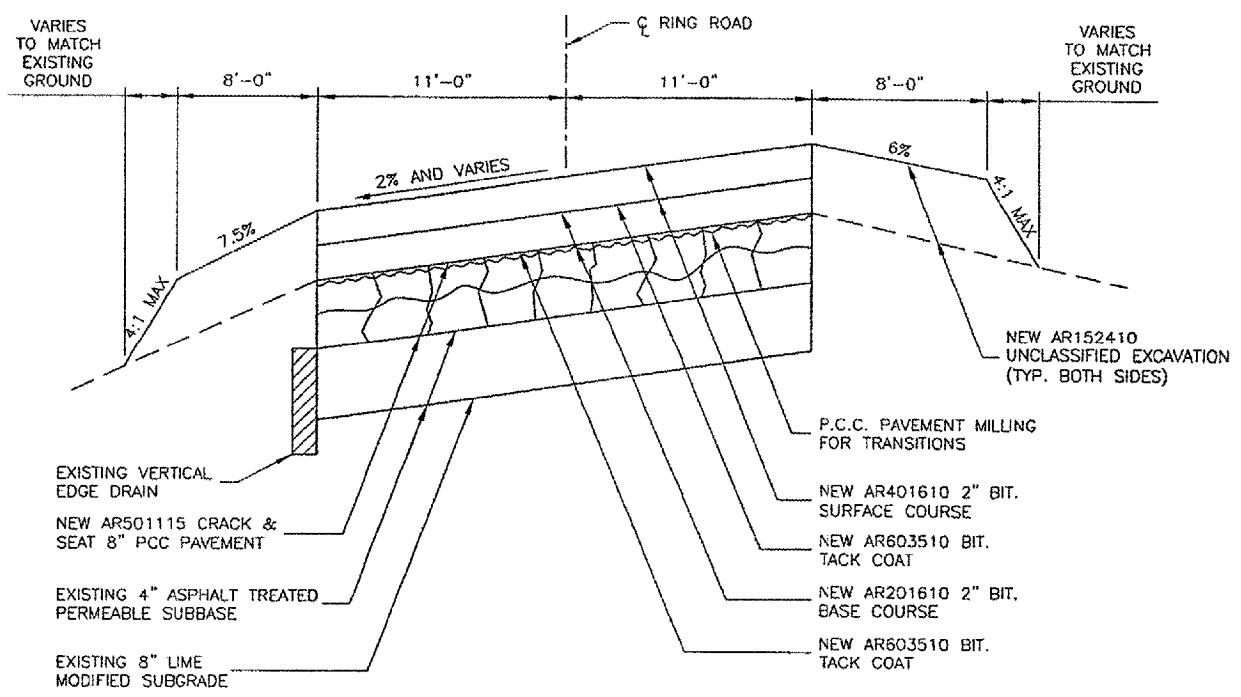
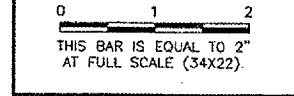
© Copyright, CMT, Inc.

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84-000613

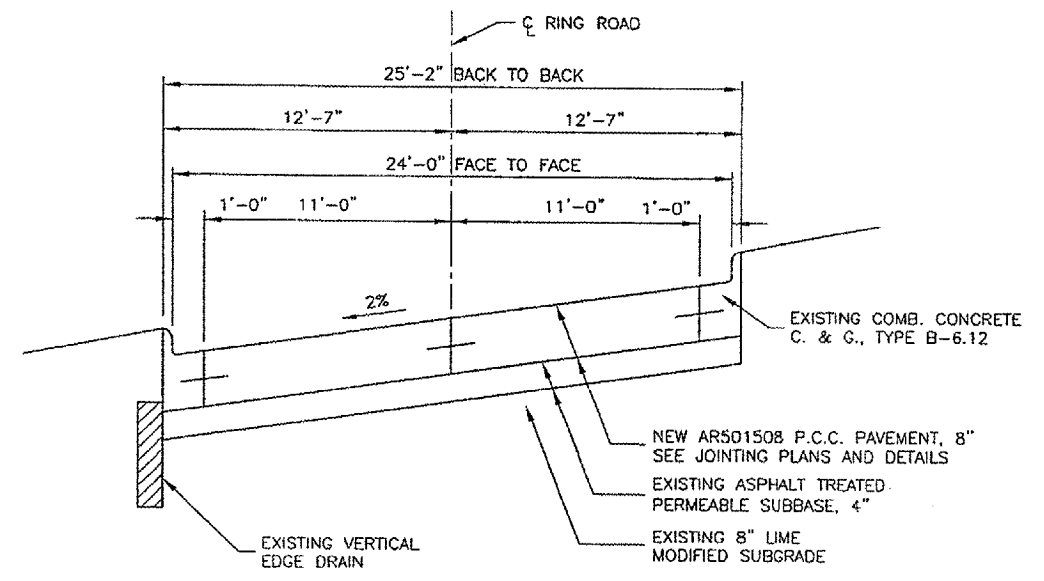
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM1-3473



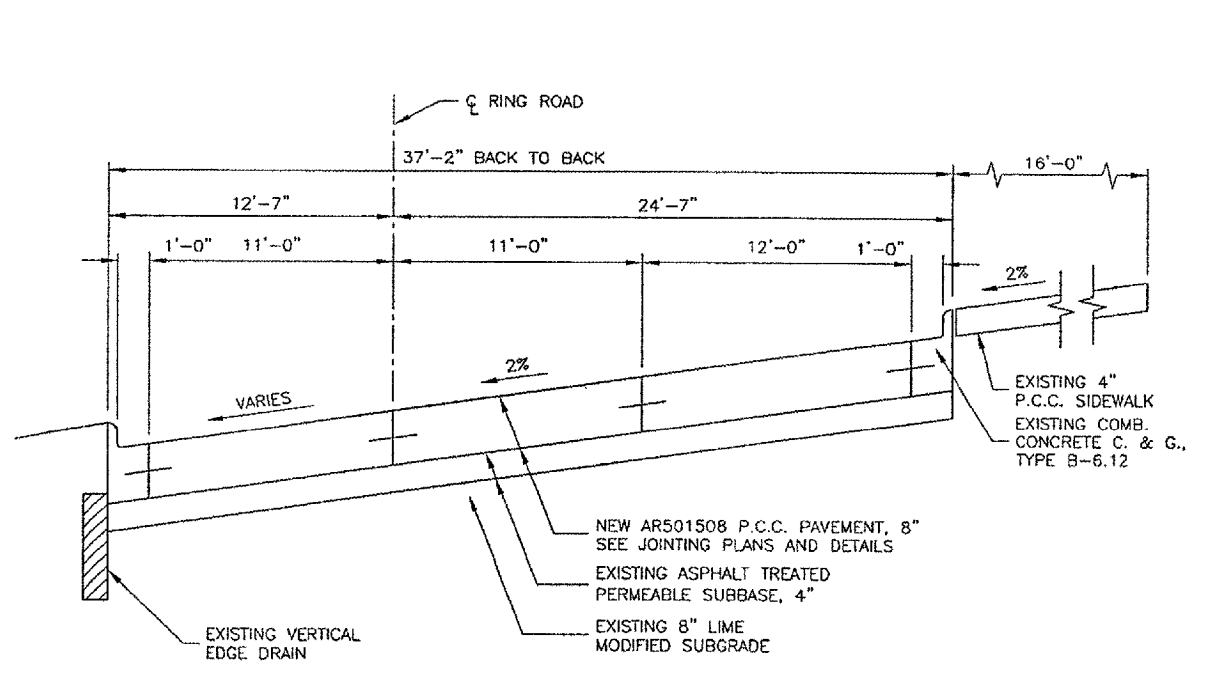
REVISIONS		
NUMBER	BY	DATE



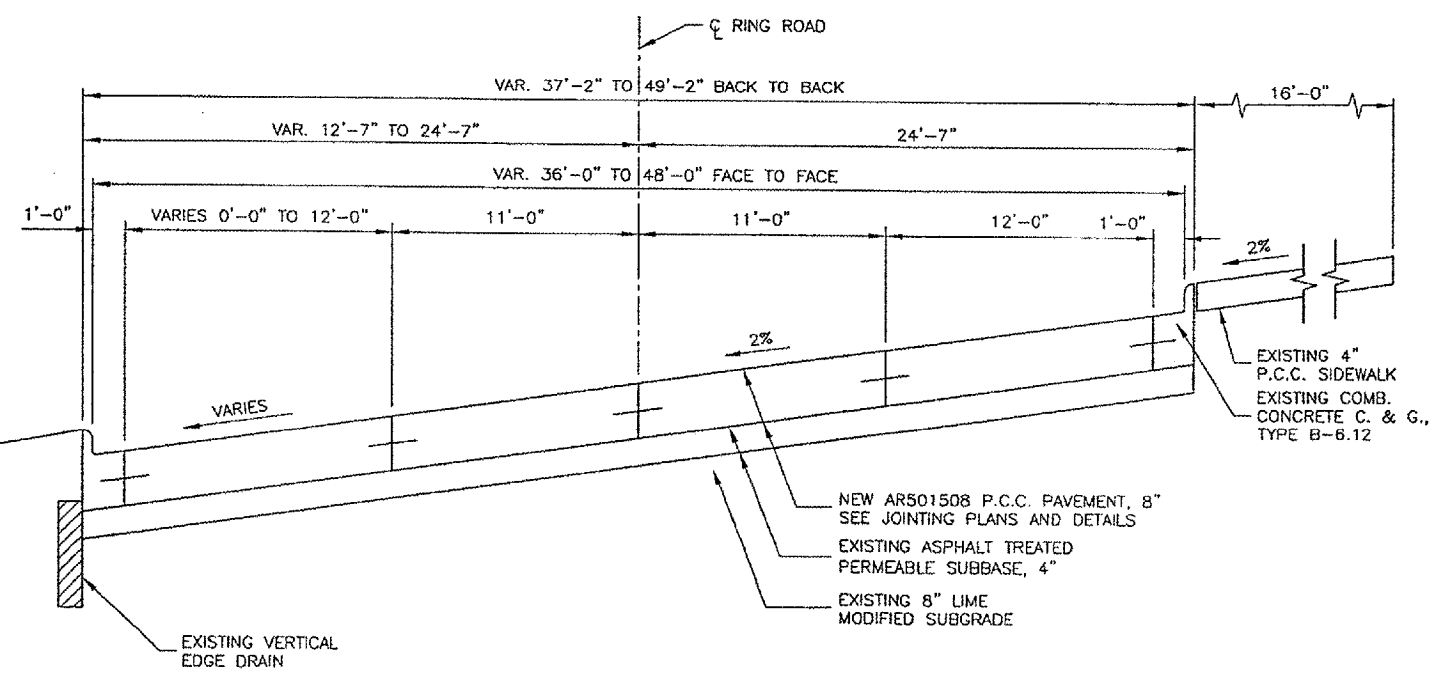
**TYPICAL SECTION — RING ROAD (H)**  
 STA. 20+35.77 TO STA. 22+37.60  
 N.T.S.



**TYPICAL SECTION — RING ROAD / FRONTAL DRIVE (I)**  
 STA. 22+37.60 TO STA. 23+32.93  
 STA. 24+27.63 TO STA. 30+99.33  
 N.T.S.



**TYPICAL SECTION — RING ROAD / FRONTAL DRIVE (J)**  
 STA. 24+25.21 TO STA. 27+36.52  
 N.T.S.

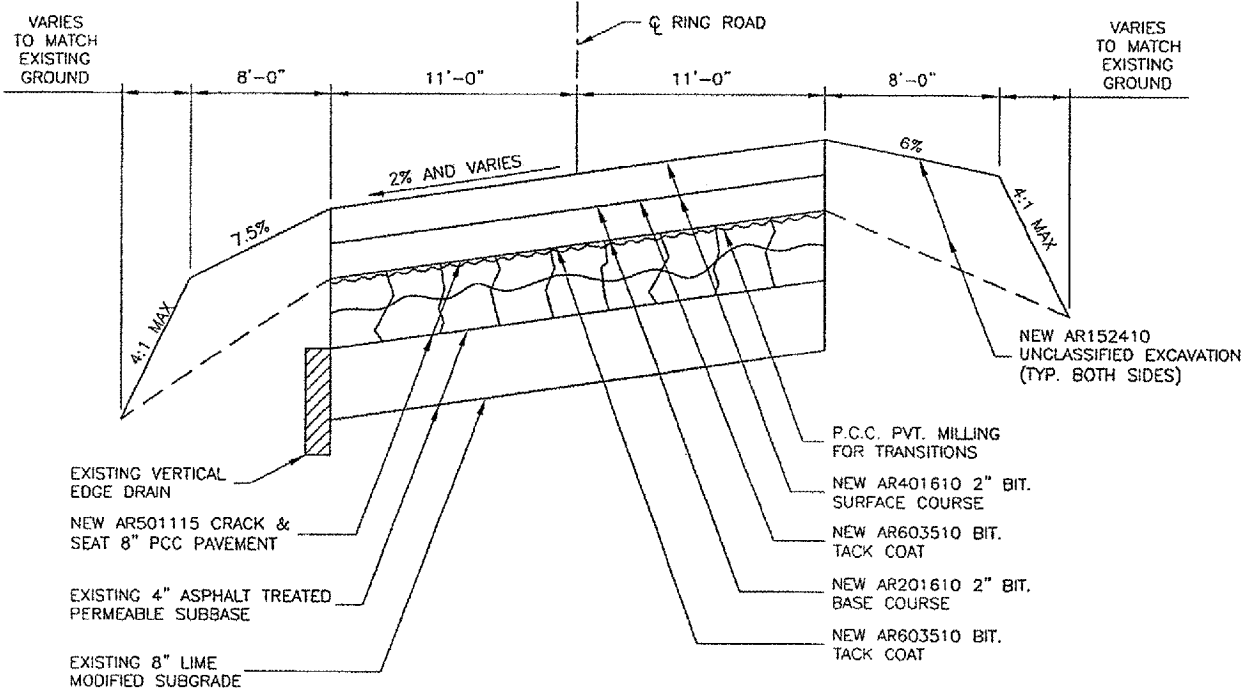


**TYPICAL SECTION — RING ROAD / FRONTAL DRIVE (K)**  
 STA. 27+36.52 TO STA. 29+27.63  
 N.T.S.

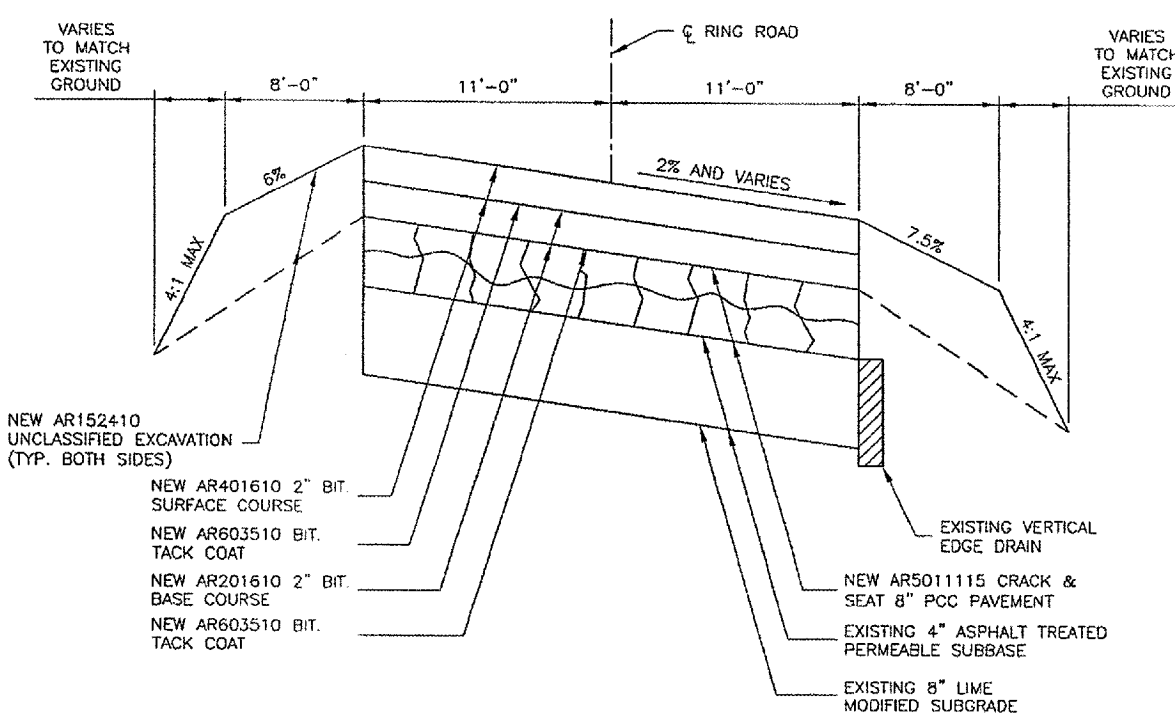
**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
**REHABILITATE TERMINAL PARKING AREA**  
**TYPICAL SECTIONS SHEET 3**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 084-000613

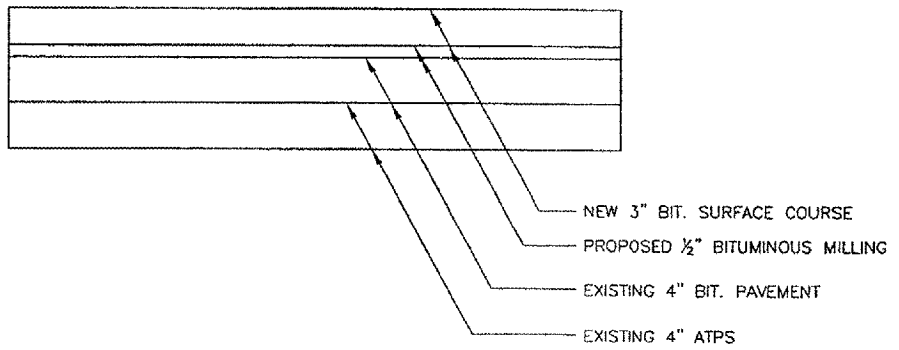
DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET	17 OF 45 SHEETS



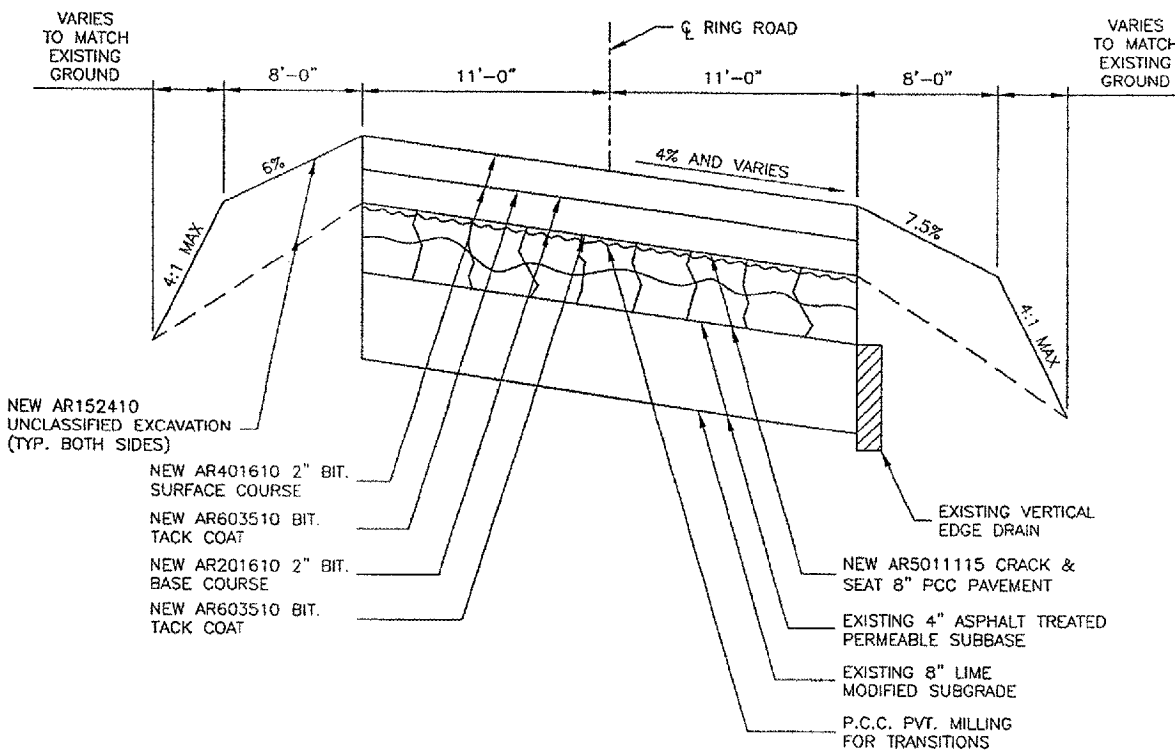
**TYPICAL SECTION - RING ROAD (L)**  
 STA. 30+99.33 TO STA. 37+00.00  
 N.T.S.



**TYPICAL SECTION - RING ROAD (M)**  
 STA. 37+00.00 TO STA. 39+46.83  
 N.T.S.



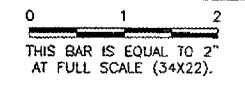
**TYPICAL SECTION - PARKING LOT (N)**  
 N.T.S.



**TYPICAL SECTION - RING ROAD (O)**  
 STA. 39+46.83 TO STA. 41+83.62  
 N.T.S.

REVISIONS

NUMBER	BY	DATE

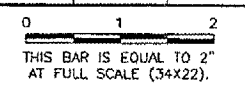


**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 TYPICAL SECTIONS SHEET 4**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MERRY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 04-006518

DESIGN BY:	SMS
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET	18 OF 45 SHEETS

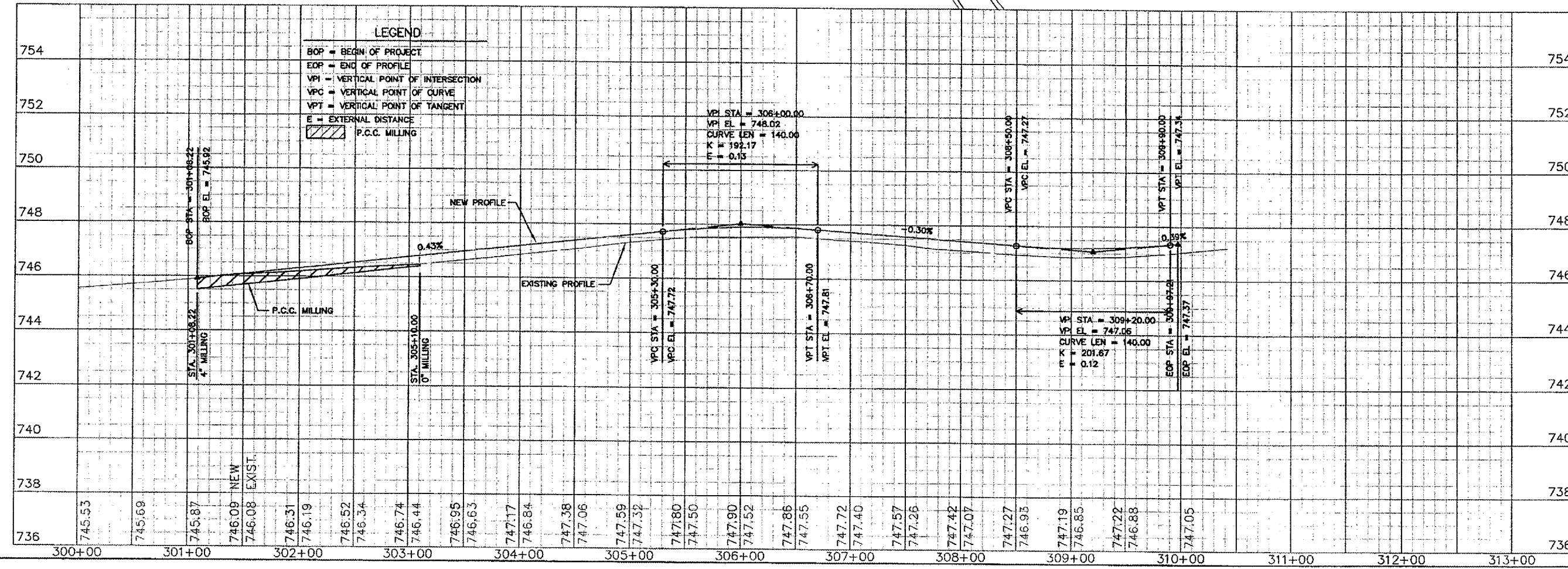
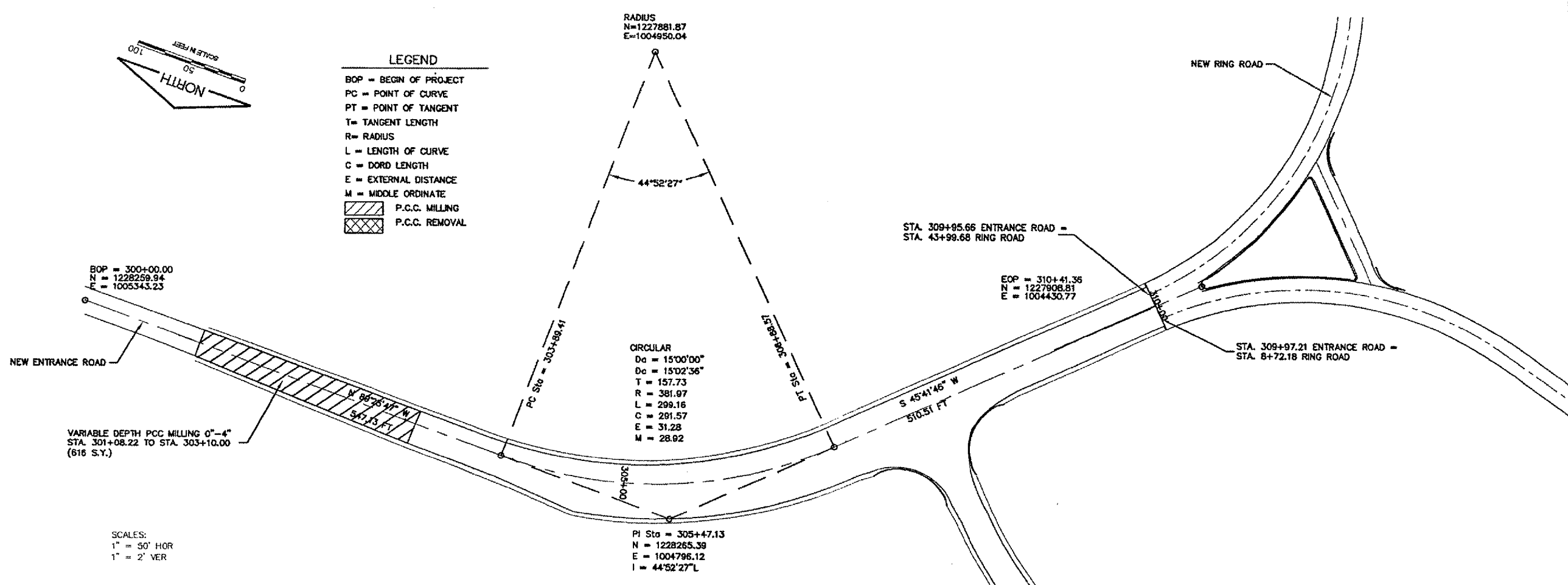
REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
 REHABILITATE TERMINAL PARKING AREA  
**RING ROAD PLAN & PROFILE**  
**STA. 300+00 TO STA. 313+00**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84-00093

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CGI-3473



FILE: 20\_RCp01001.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 9:06am  
 XREF DWG: rcrp001.dwg  
 EP\_Base.DWG  
 EP-Topo.dwg  
 Clntinfo.dwg  
 tb.dwg  
 rcrp005.dwg

REVISIONS		
NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).

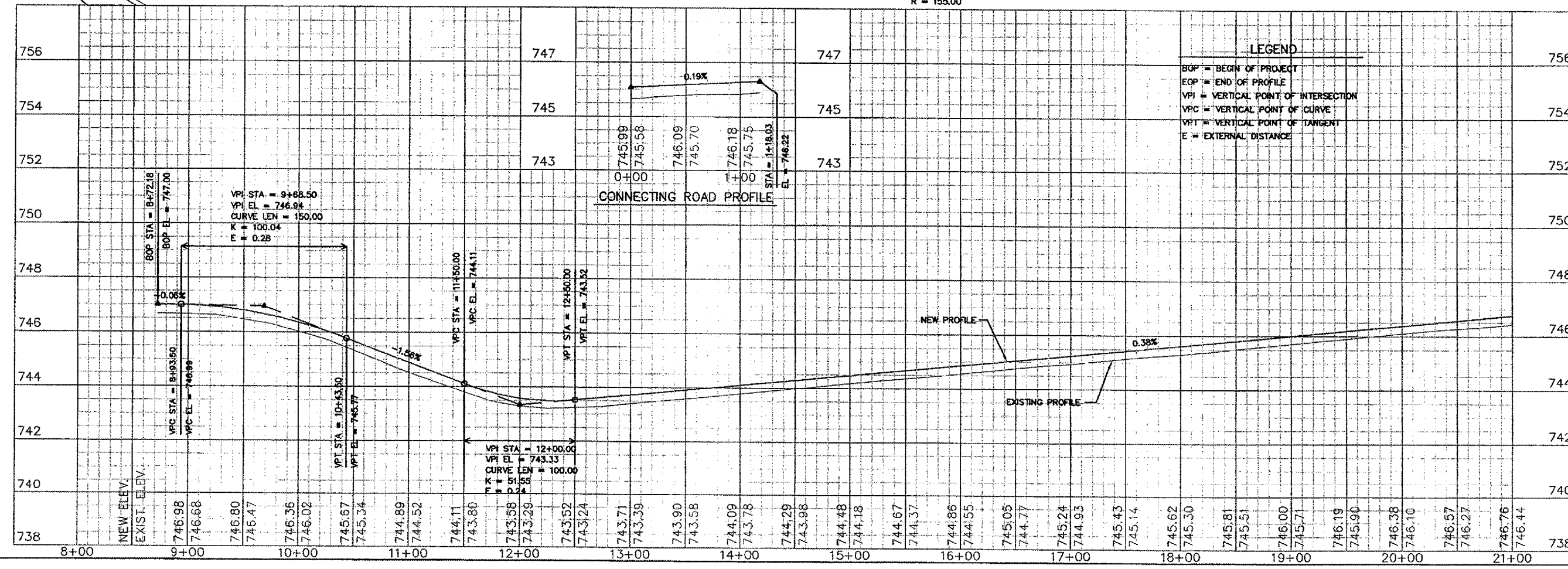
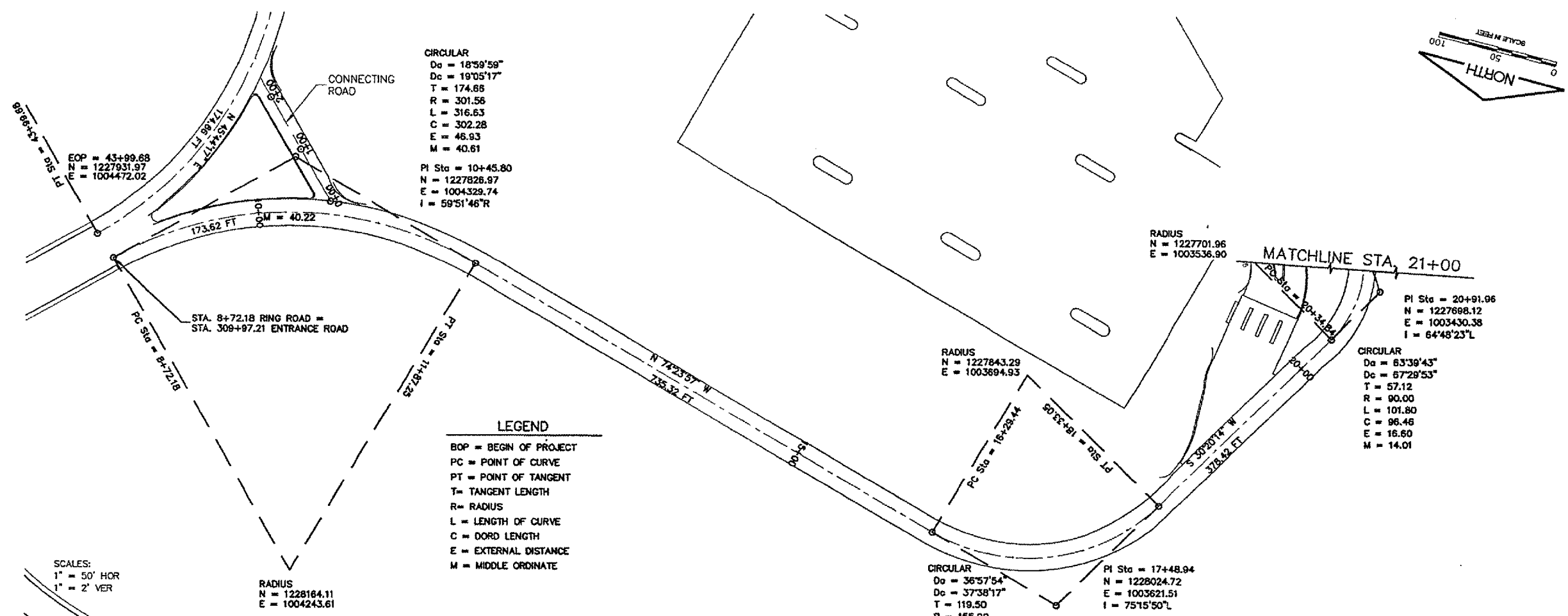
**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA**

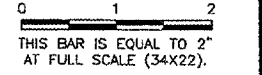
**RING ROAD PLAN & PROFILE  
 STA. 8+72.18 TO STA. 21+00**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 98-000813

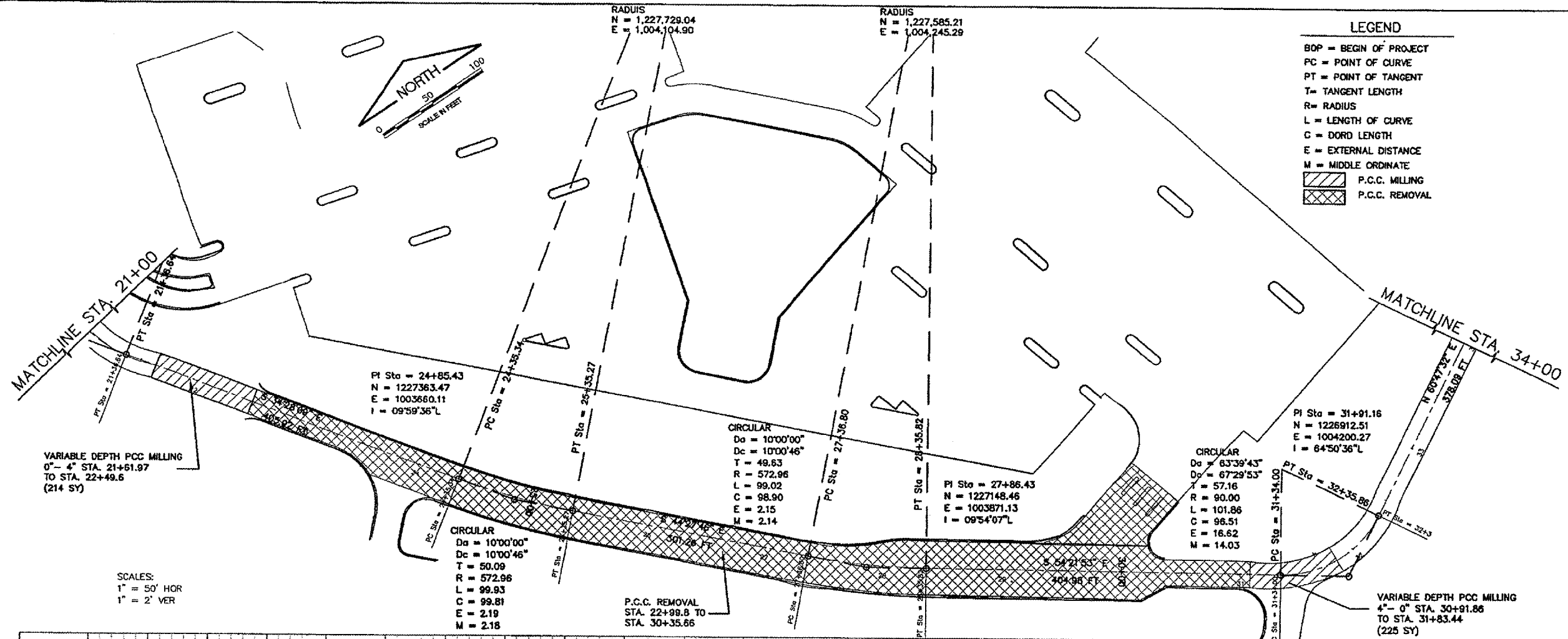
DESIGN BY: CBG  
 DRAWN BY: CMT  
 CHECKED BY: JEF  
 APPROVED BY: SMH  
 DATE: 11/11/05  
 JOB No: 0505903  
 I.L. PROJECT: CMI-3473



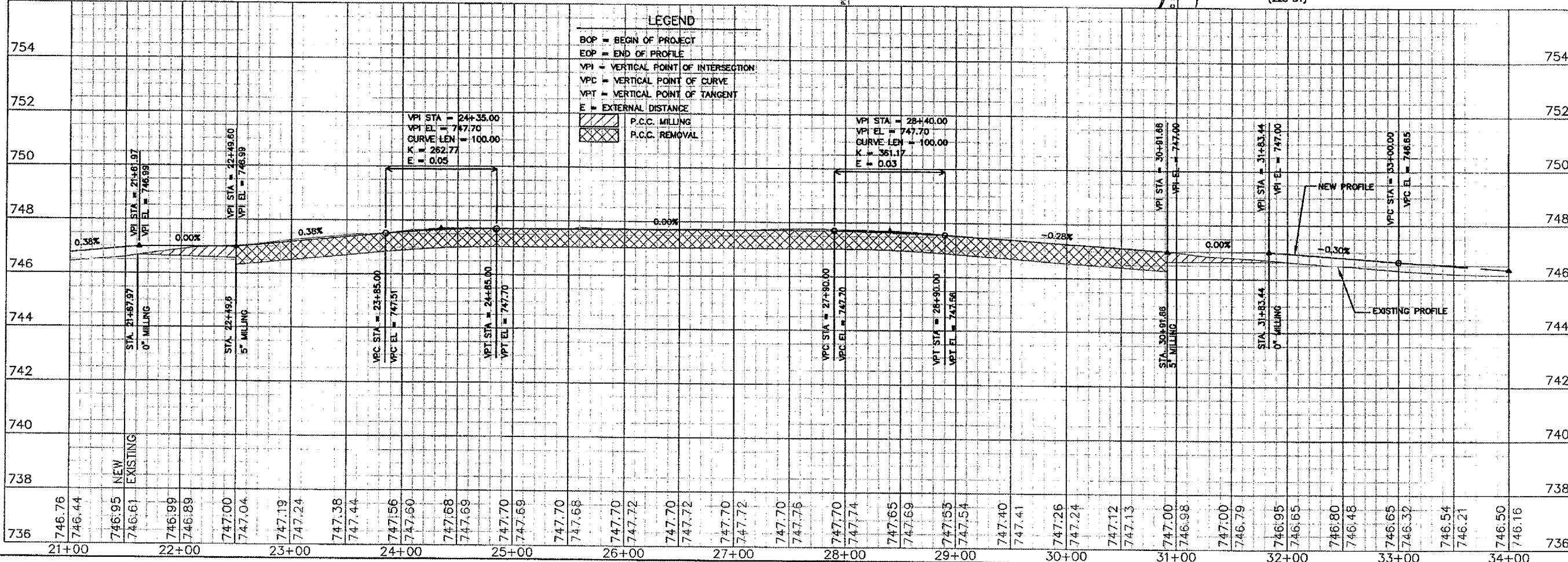
REVISIONS		
NUMBER	BY	DATE



**LEGEND**  
 BOP = BEGIN OF PROJECT  
 PC = POINT OF CURVE  
 PT = POINT OF TANGENT  
 T = TANGENT LENGTH  
 R = RADIUS  
 L = LENGTH OF CURVE  
 C = DORD LENGTH  
 E = EXTERNAL DISTANCE  
 M = MIDDLE ORDINATE  
 P.C.C. MILLING  
 P.C.C. REMOVAL



SCALES:  
 1" = 50' HOR  
 1" = 2' VER



**LEGEND**  
 BOP = BEGIN OF PROJECT  
 EOP = END OF PROFILE  
 VPI = VERTICAL POINT OF INTERSECTION  
 VPC = VERTICAL POINT OF CURVE  
 VPT = VERTICAL POINT OF TANGENT  
 E = EXTERNAL DISTANCE  
 P.C.C. MILLING  
 P.C.C. REMOVAL

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
 REHABILITATE TERMINAL PARKING AREA  
**RING ROAD PLAN & PROFILE  
 STA. 21+00 TO STA. 34+00**

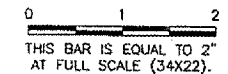
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 194-000618

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM-3473

**UN044**  
 K:\Chompa\0505903\Draw\Sheet1.dwg  
 FILE: 22\_STKG-1.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 9:07am  
 XREF DWG: PRKGBASE.dwg  
 C:\info.dwg  
 tb.dwg  
 PRK-P.dwg  
 CAALLY.dwg  
 EP-Topo.dwg  
 EP\_Base.DWG



REVISIONS		
NUMBER	BY	DATE



**LEGEND**

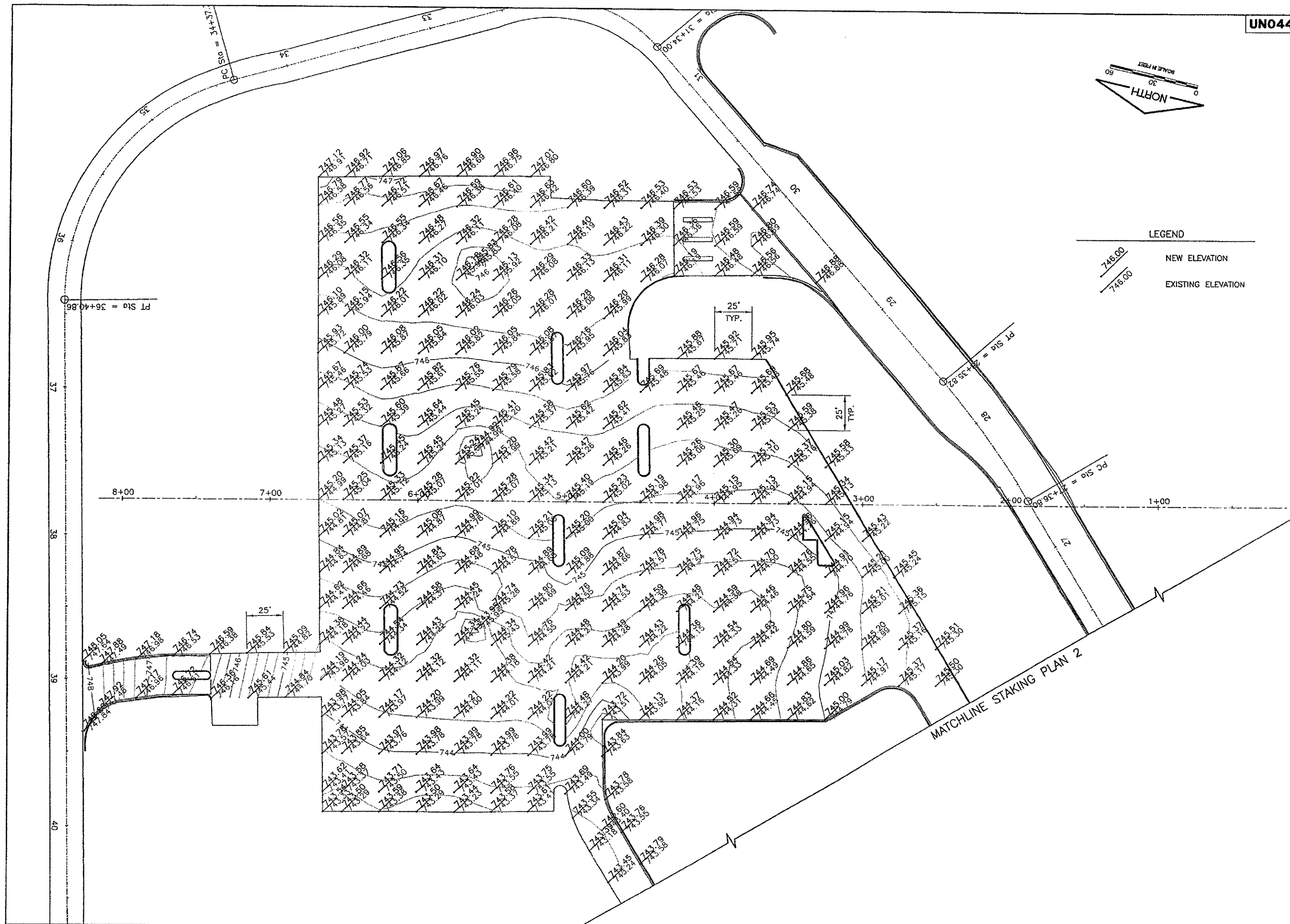
- NEW ELEVATION
- EXISTING ELEVATION

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 PROPOSED STAKING PLAN 1  
 EAST PARKING AREA**

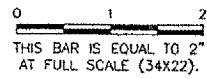
© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000613

DESIGN BY: CBG  
 DRAWN BY: CMT  
 CHECKED BY: JEF  
 APPROVED BY: SMH  
 DATE: 11/11/05  
 JOB No: 0505903

ILL. PROJECT: CMI-3473



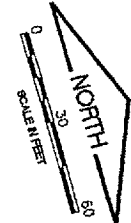
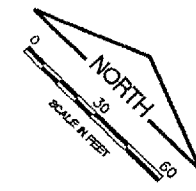
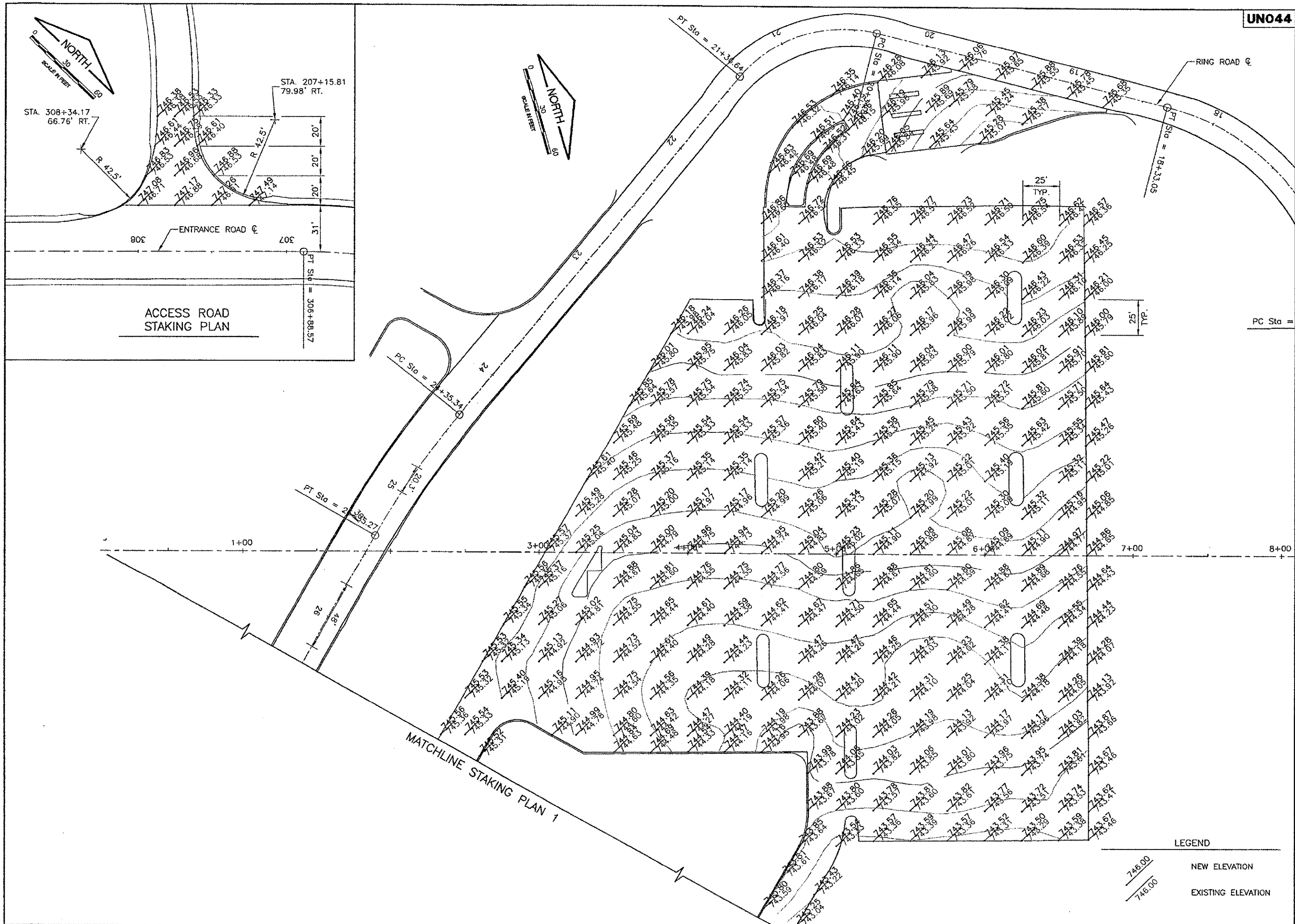
REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 PROPOSED STAKING PLAN 2  
 WEST PARKING AREA**

© Copyright CMT, Inc.  
**CMT**  
 CRAMFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000615

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473



ACCESS ROAD  
 STAKING PLAN

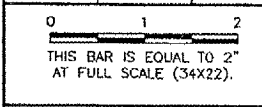
MATCHLINE STAKING PLAN 1

**LEGEND**  
 NEW ELEVATION  
 EXISTING ELEVATION

UN044

K:\Chempoint\0505903\Draw\Sheets\
FILE: 24\_JNT\_01.dwg
LAYOUT: Layout1
UPDATE BY: jfrank
SURVEY BOOK #
DATE: Thu 11/17/05 9:08am
XREF DWG: CAALLY.dwg
Cintinfo.dwg
tb.dwg
EP\_Base.DWG
EP-Topo.dwg
SITEPLAN.dwg
key.dwg
JOINT\_BASE.dwg

Table with 3 columns: NUMBER, BY, DATE. Revisions section.

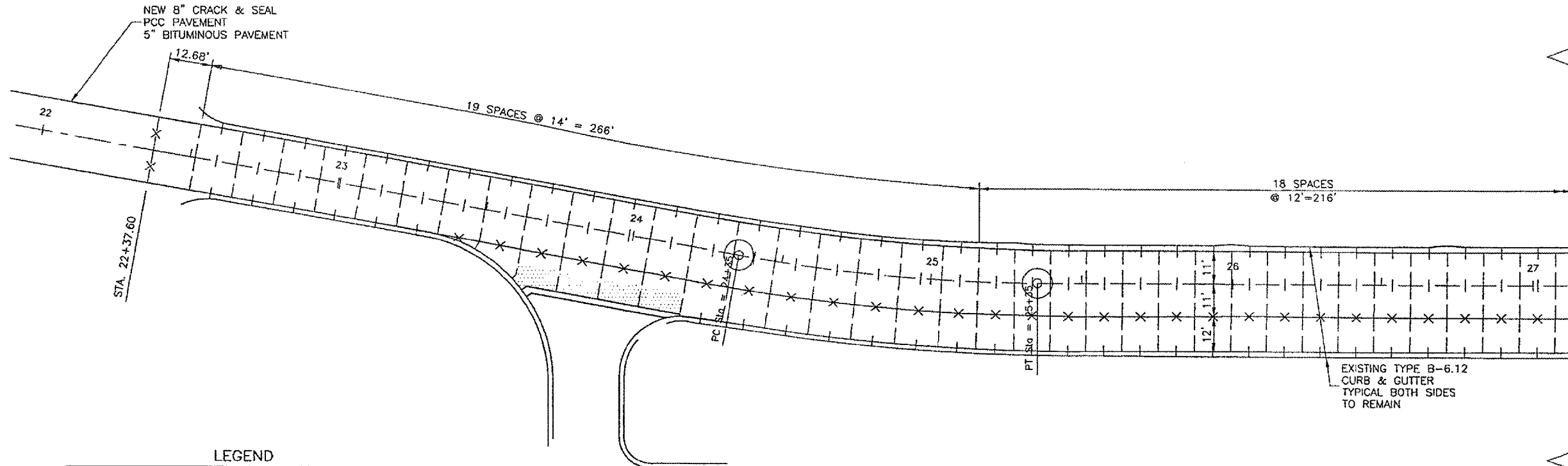


UNIVERSITY OF ILLINOIS
WILLARD AIRPORT
REHABILITATE TERMINAL PARKING AREA
FRONTAL DRIVE
JOINTING PLAN

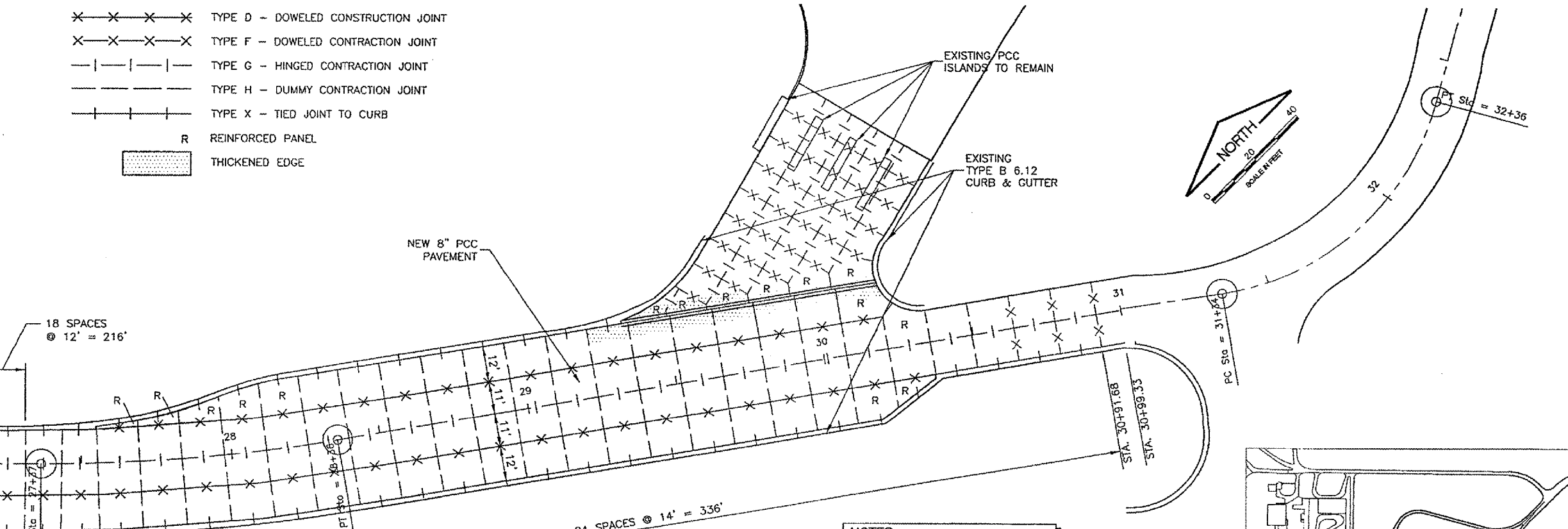
© Copyright CMT, Inc.
CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 887-000613

DESIGN BY: JEF
DRAWN BY: CMT
CHECKED BY: JEF
APPROVED BY: SMH
DATE: 11/11/05
JOB No: 0505903

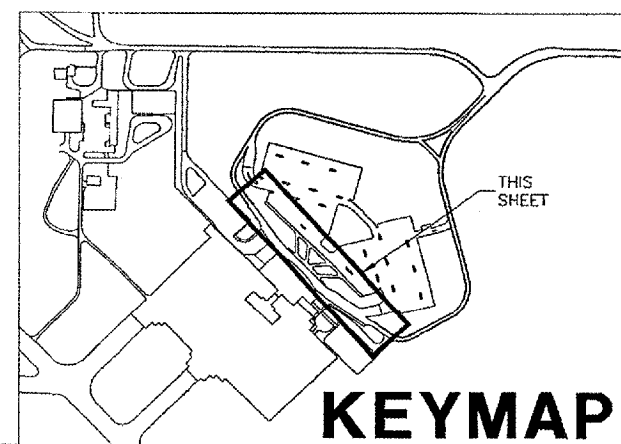
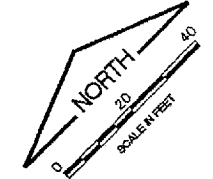
IL PROJECT: CMI-3473
SHEET 24 OF 45 SHEETS



- LEGEND
TYPE B - EXPANSION JOINT
TYPE D - DOWELED CONSTRUCTION JOINT
TYPE F - DOWELED CONTRACTION JOINT
TYPE G - HINGED CONTRACTION JOINT
TYPE H - DUMMY CONTRACTION JOINT
TYPE X - TIED JOINT TO CURB
R REINFORCED PANEL
THICKENED EDGE



NOTES:
CONTRACTOR MAY SUBSTITUTE
DOWELED CONSTRUCTION JOINT FOR
HINGED CONTRACTION JOINT



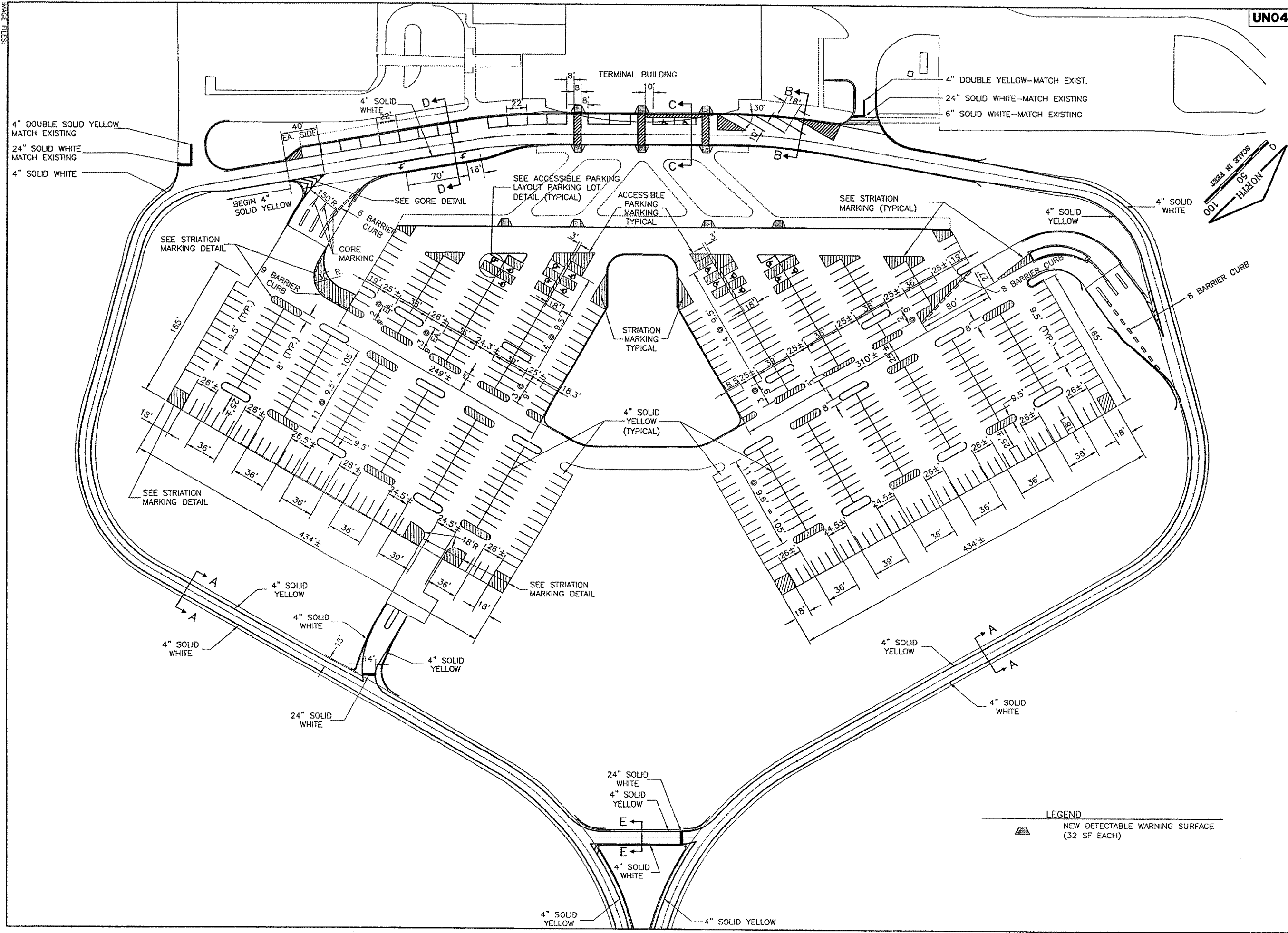
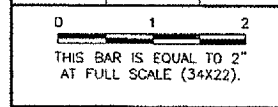
MATCHLINE STA. 27+04.61

MATCHLINE STA. 27+04.61

KEYMAP



NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 MARKING PLAN 1**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84-00063

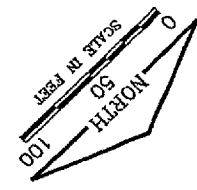
DESIGN BY:	JEF
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET 25 OF 45 SHEETS	

**LEGEND**

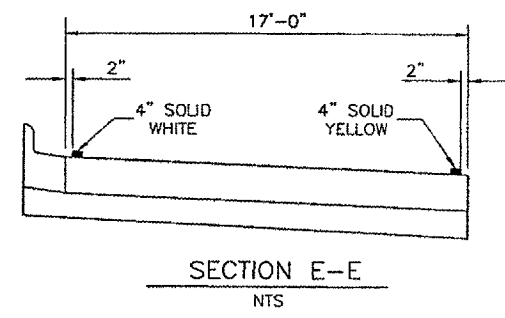
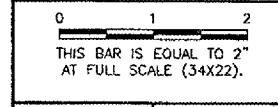
	NEW DETECTABLE WARNING SURFACE (32 SF EACH)
--	--

IMAGE FILES

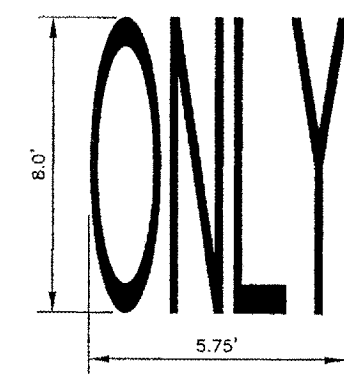
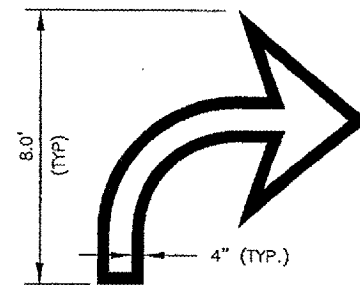
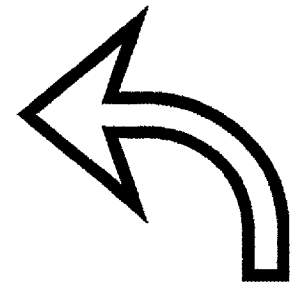
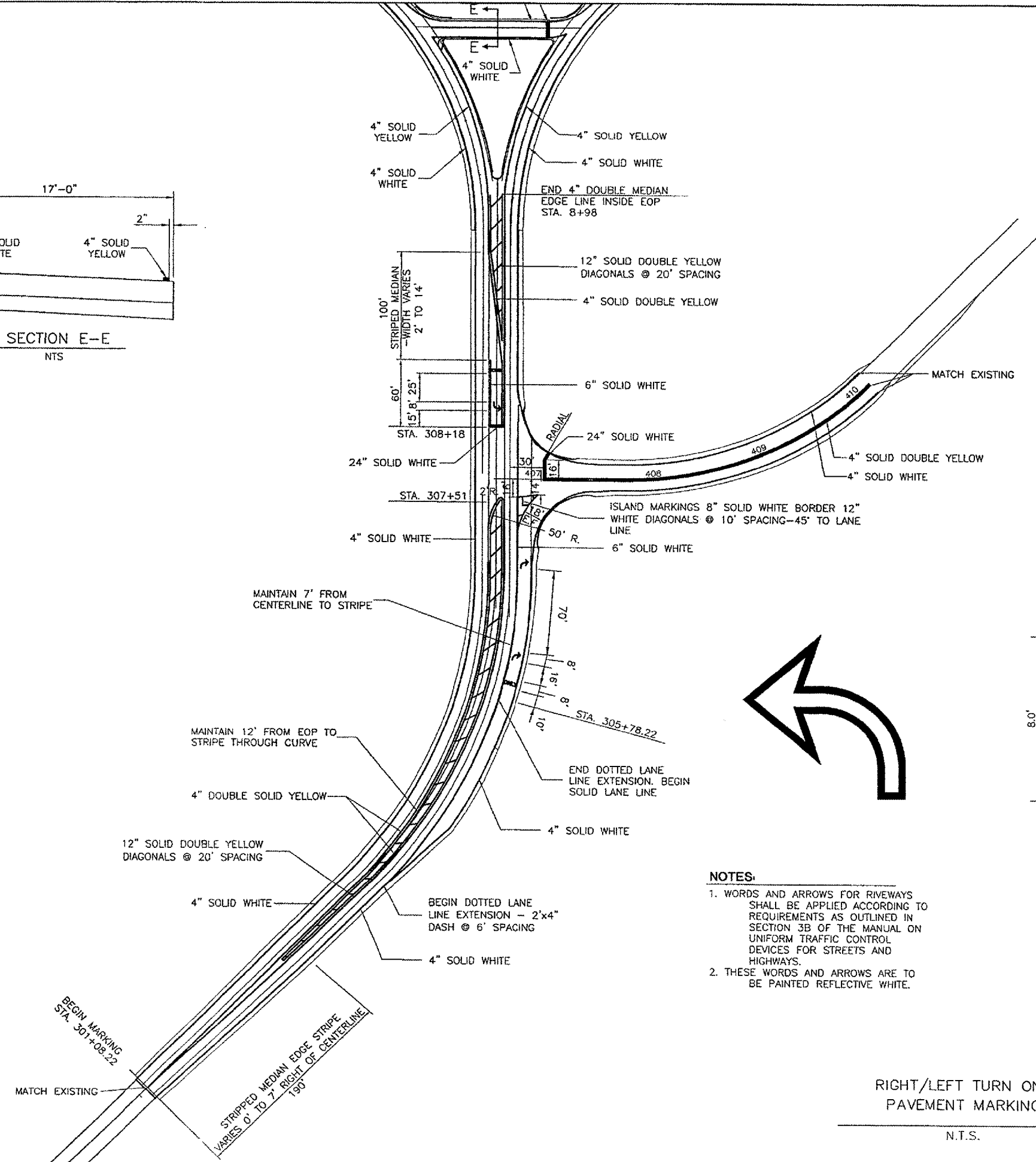
**UN044**  
 K:\Champaign\0505903\Draw\Sheets\FILE: 27\_Pavement\_Marking.dwg  
 LAYOUT: Layout2  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Mon 11/21/05 11:09am  
 XREF DWG: Cntinfo.dwg  
 tb.dwg  
 MARKING-P.dwg  
 EP-Topo.dwg  
 XREFMARKING.dwg  
 CMIBaseEOPDEL.dwg  
 EP\_Base\_recover.dwg  
 EP\_Base.dwg  
 RELEVANT.dwg



NUMBER	BY	DATE



SECTION E-E  
NTS



- NOTES:**
1. WORDS AND ARROWS FOR RIVEWAYS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
  2. THESE WORDS AND ARROWS ARE TO BE PAINTED REFLECTIVE WHITE.

RIGHT/LEFT TURN ONLY  
PAVEMENT MARKINGS

N.T.S.

**UNIVERSITY OF ILLINOIS  
WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA**

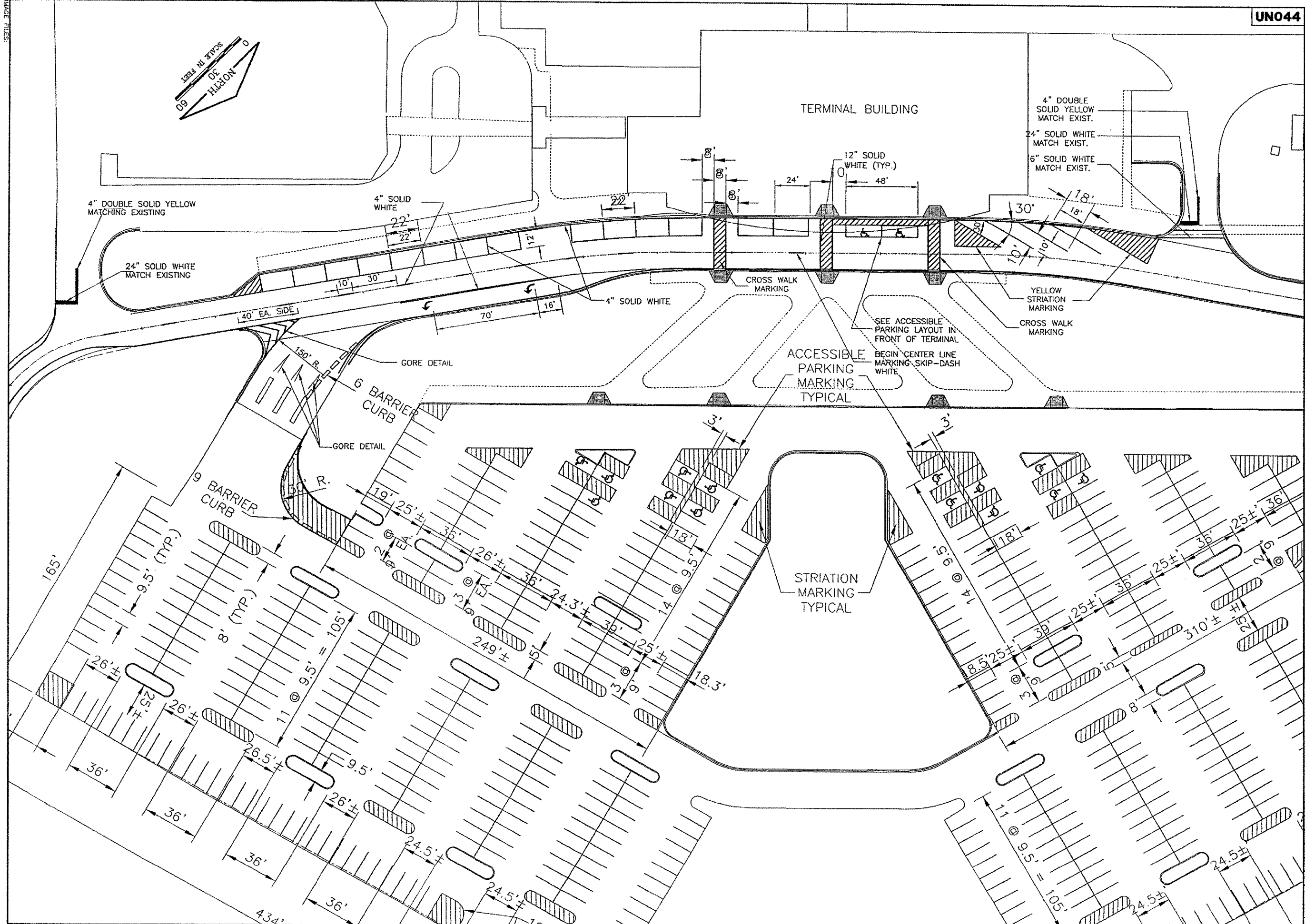
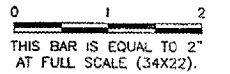
**MARKING PLAN 2**

© Copyright CMT, Inc.

**CMT**  
CRAWFORD, MURPHY & TILLY, INC.  
CONSULTING ENGINEERS  
License No. 184-000618

DESIGN BY: JEF  
 DRAWN BY: CMT  
 CHECKED BY: JEF  
 APPROVED BY: SMH  
 DATE: 11/11/05  
 JOB No: 0505903  
 ILL. PROJECT: CMI-3473  
 SHEET 26 OF 45 SHEETS

NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA**

**TERMINAL AREA MARKING PLAN**

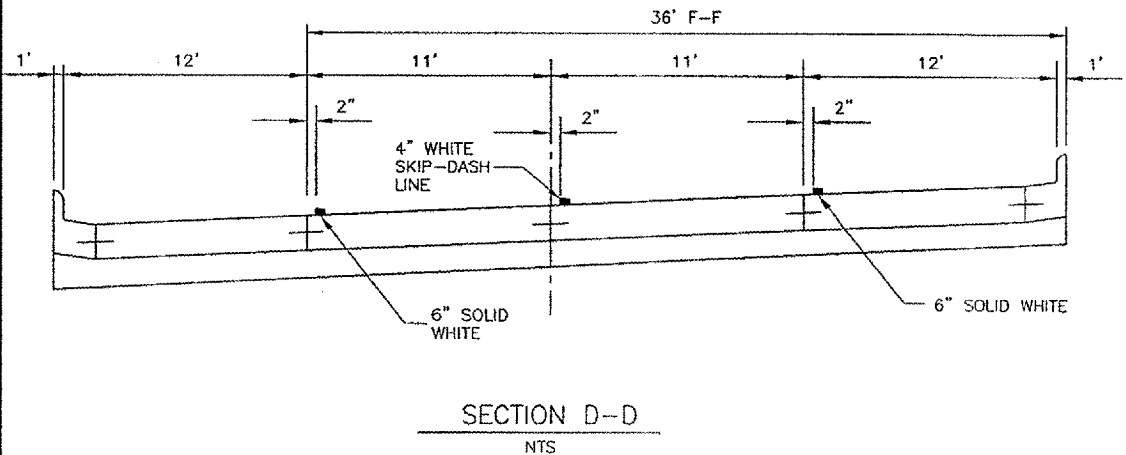
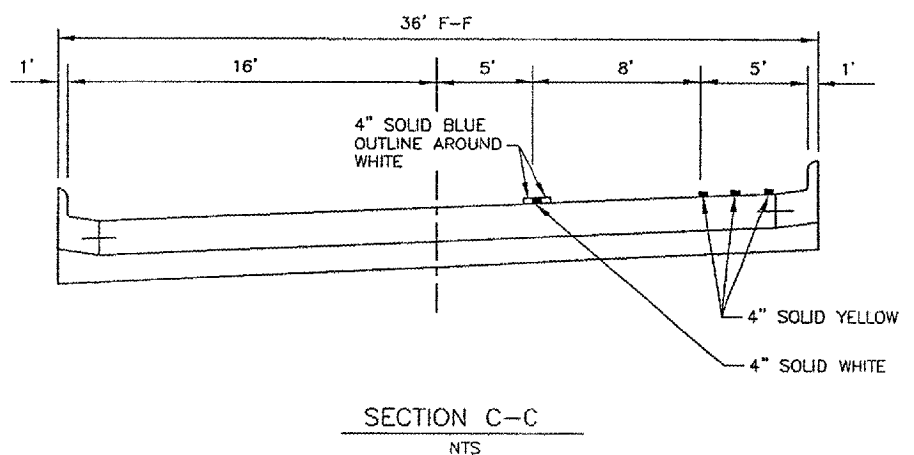
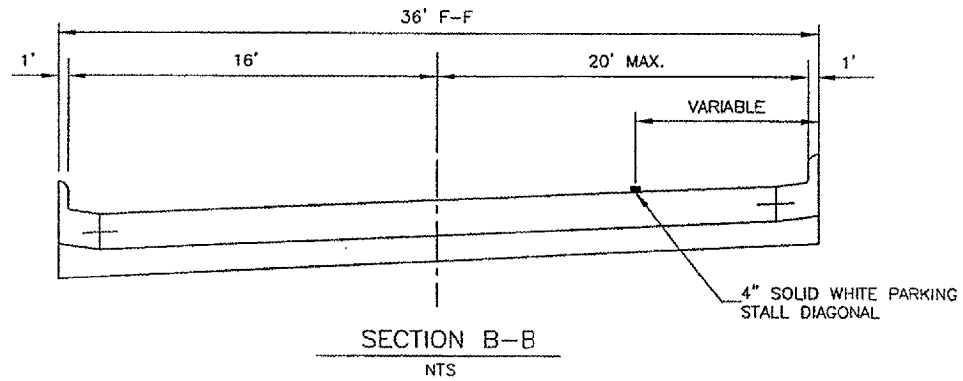
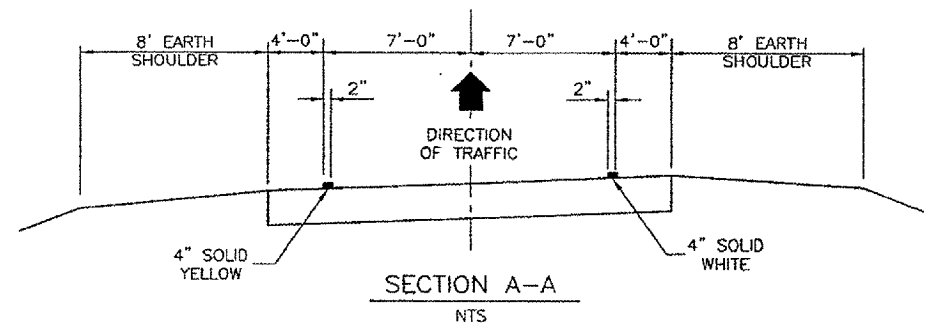
© Copyright CMT, Inc.

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84-000613

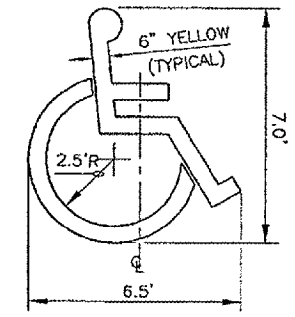
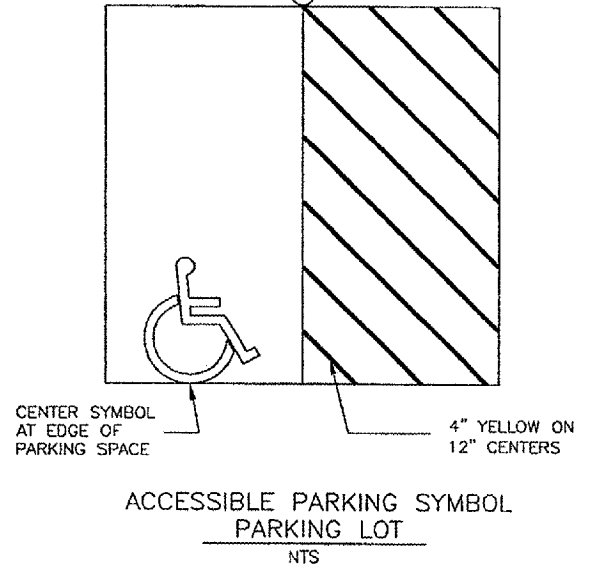
DESIGN BY:	JEF
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473

REVISIONS		
NUMBER	BY	DATE

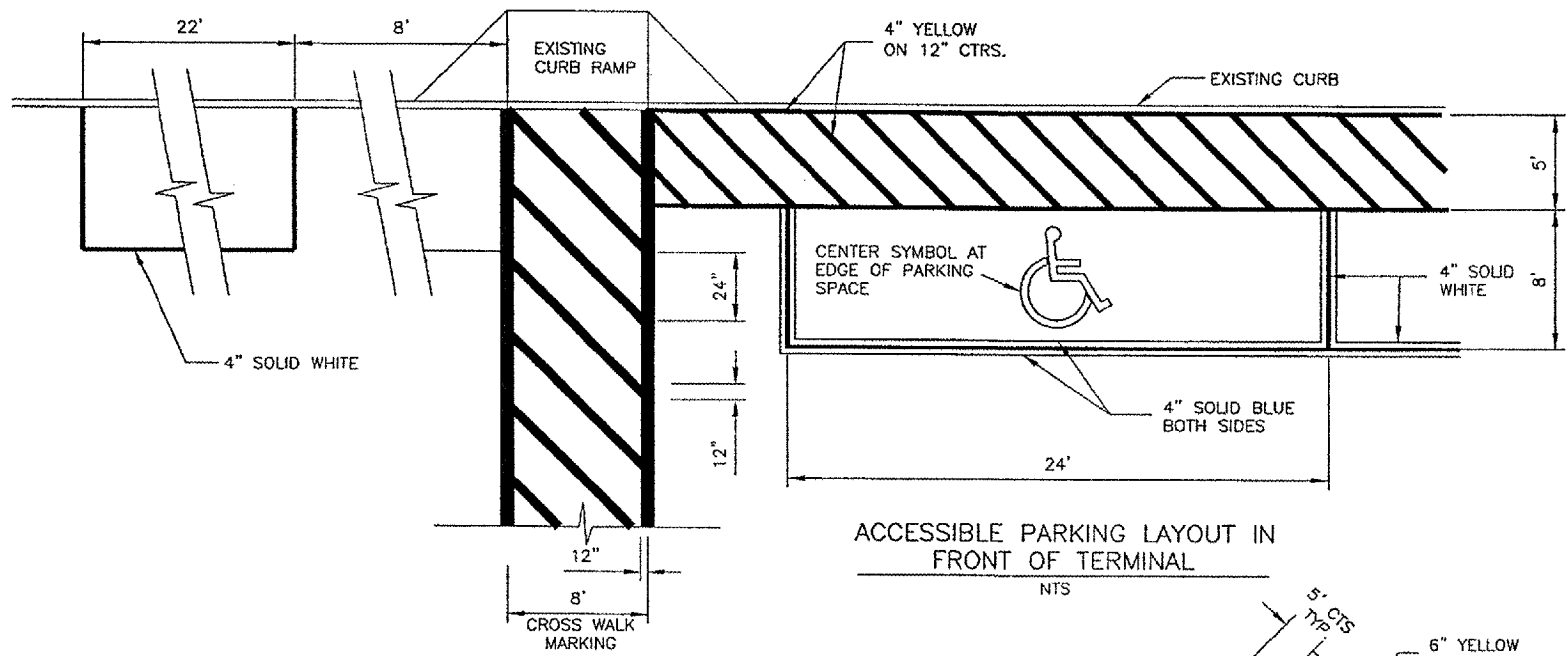
0 1 2  
 THIS BAR IS EQUAL TO 2' AT FULL SCALE (34X22).



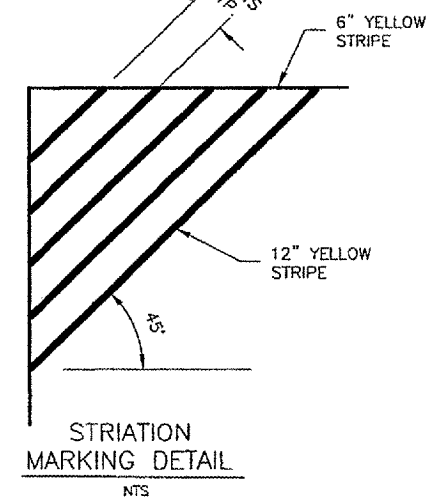
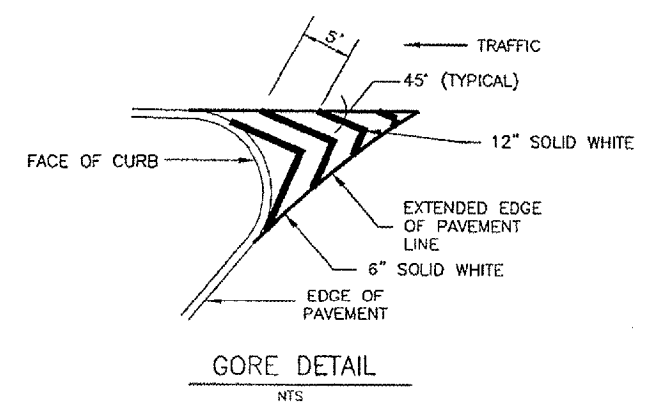
CONTRACTOR TO PROVIDE AND INSTALL U.S. - DOT R7-8 (RESERVED PARKING) AND U.S. -1 101 (\$100 FINE) CENTERED. INSTALL AT LEAST 4' ABOVE PAVEMENT.



ACCESSIBLE PARKING LAYOUT  
NTS  
LOCATE AT EDGE OF PARKING SPACE



CROSS WALK MARKING DETAIL  
NTS



TO BE USED AT ALL LOCATIONS EXCEPT ADJACENT TO ACCESSIBLE PARKING.

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
 REHABILITATE TERMINAL PARKING AREA  
**MARKING DETAILS**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84-000618

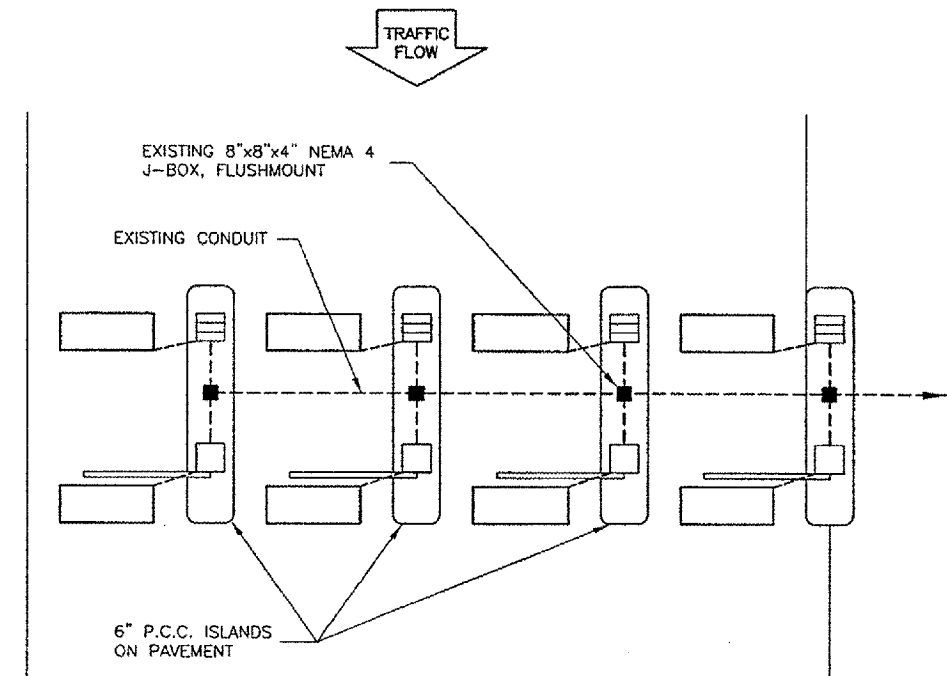
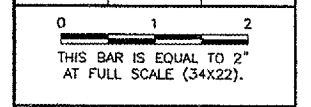
DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT: CMI-3473	

SHEET 28 OF 45 SHEETS

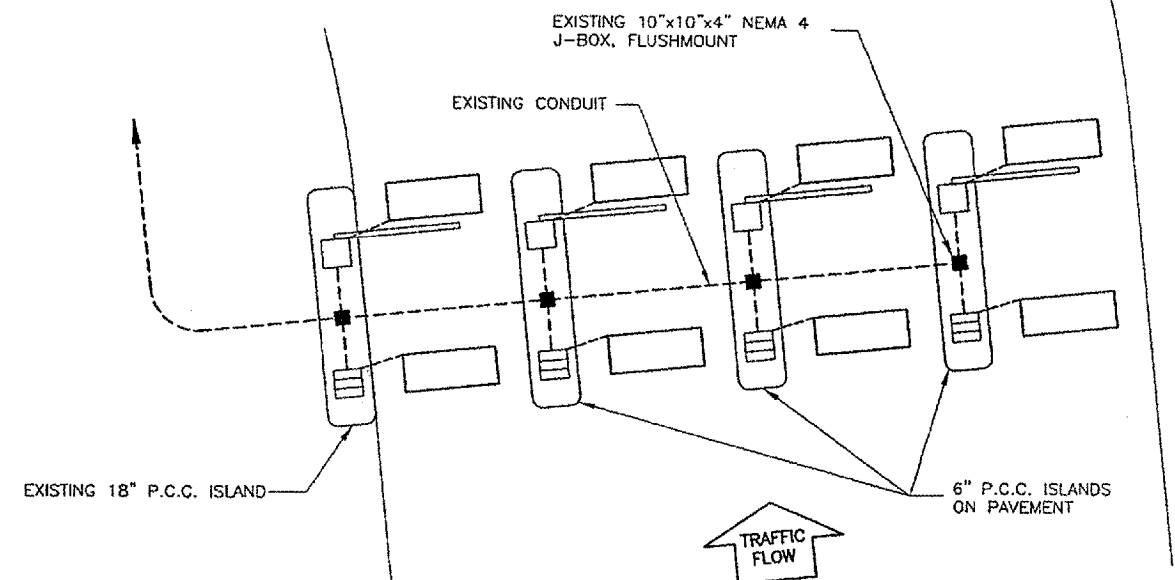
UN044

K:\Champaign\0505903\Draw\Sheets\FILE: 29\_DETECTOR\_LOOP\_DETAILS.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 9:14am  
 XREF DWG: C:\info.dwg  
 tb.dwg  
 key.dwg

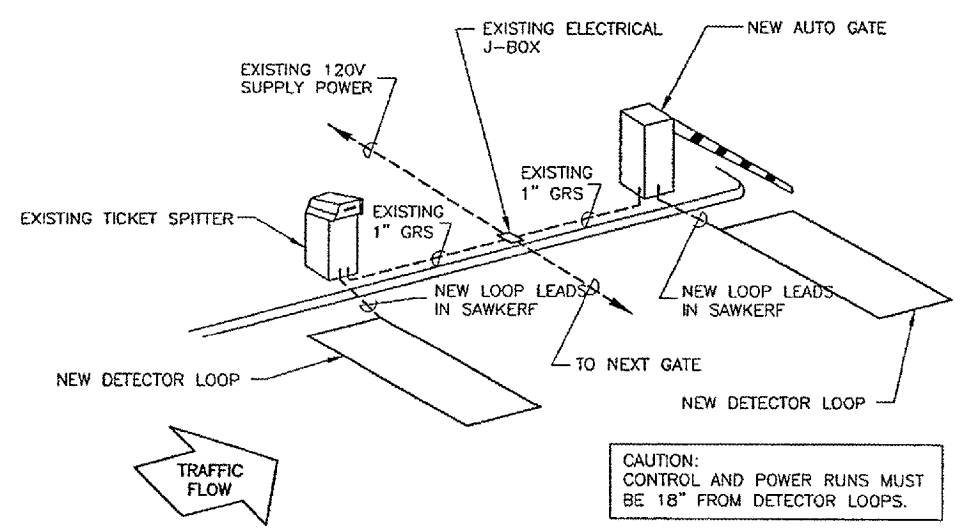
REVISIONS		
NUMBER	BY	DATE



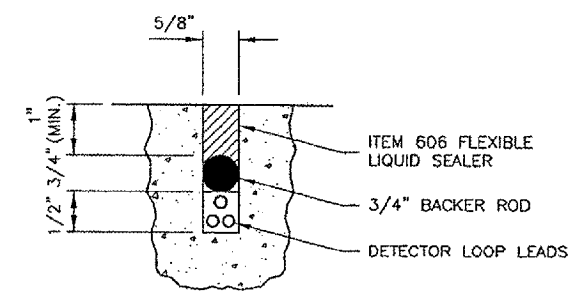
DETAIL "A"  
N.T.S.



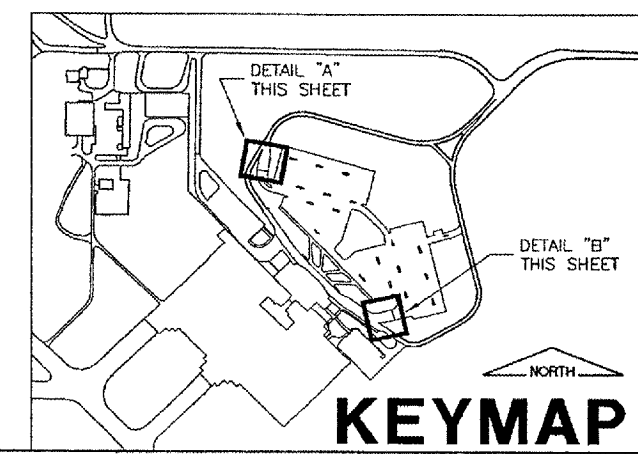
DETAIL "B"  
N.T.S.



TYPICAL GATE/TICKET SPITTER LAYOUT  
N.T.S.



WIREWAY DETAIL  
N.T.S.

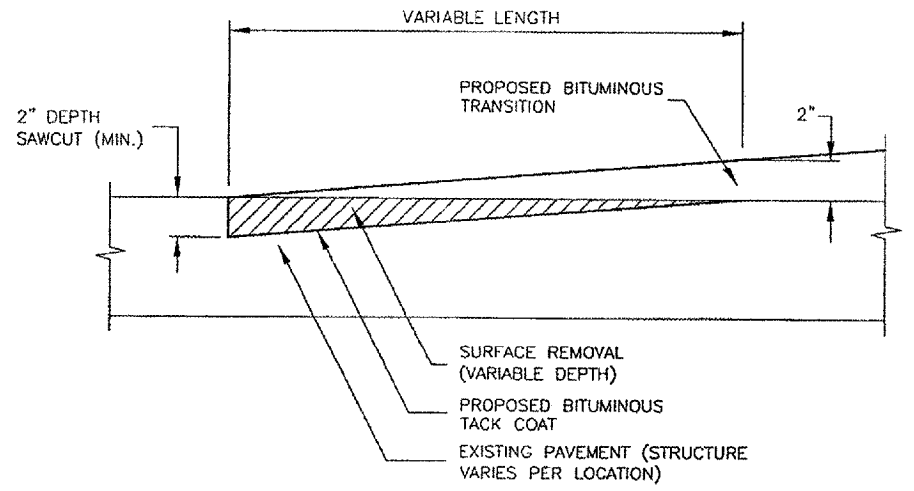


**KEYMAP**

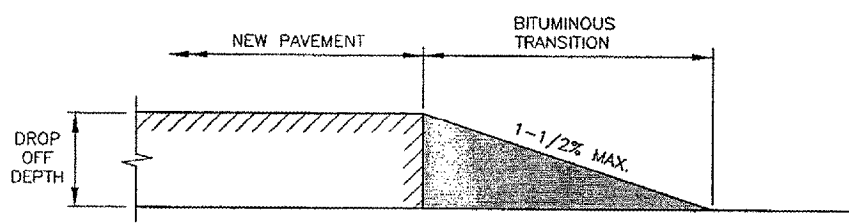
UNIVERSITY OF ILLINOIS  
WILLARD AIRPORT  
REHABILITATE TERMINAL PARKING AREA  
DETECTOR LOOP DETAILS

© Copyright CMI, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 984-000613

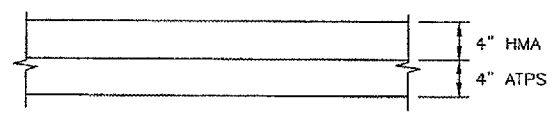
DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET 29 OF 45 SHEETS	



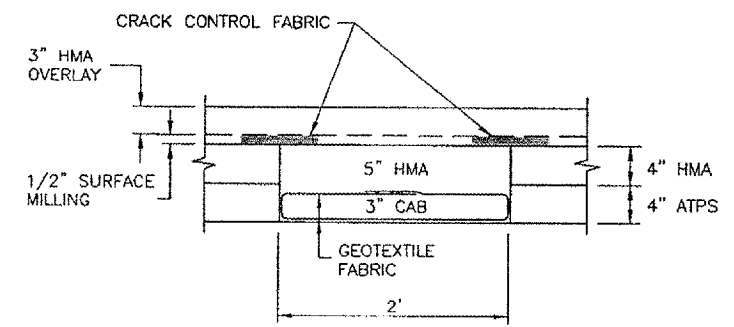
**BUTT JOINT DETAIL**  
 N.T.S.



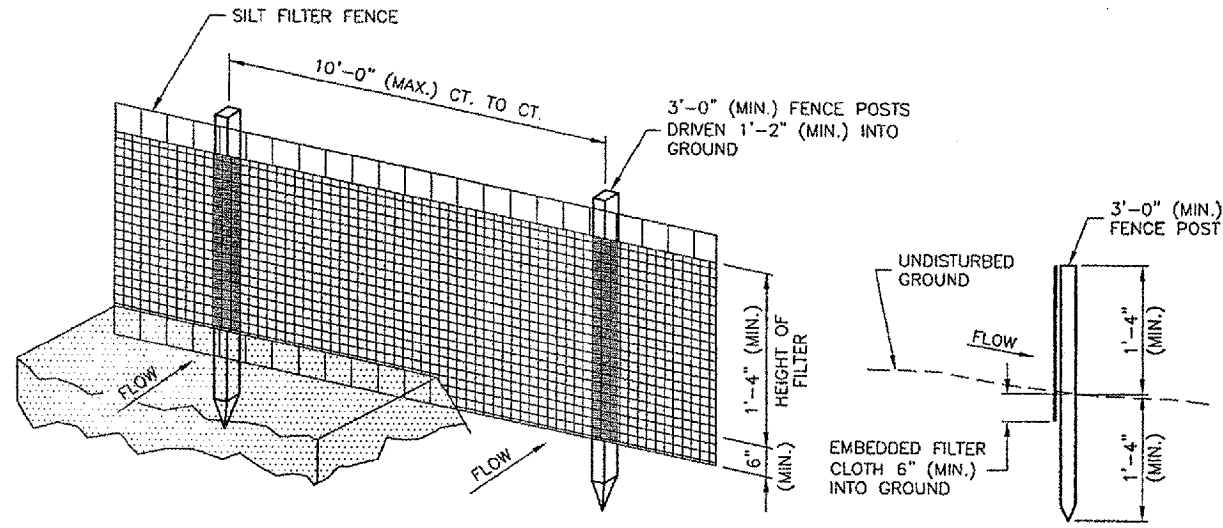
**BITUMINOUS TRANSITION DETAIL**  
 N.T.S.



**EXISTING PARKING LOT TYPICAL SECTION**  
 N.T.S.

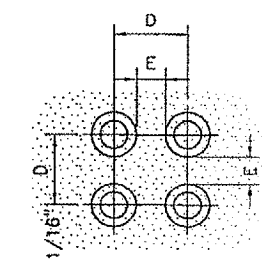


**PARKING LOT REPAIR DETAIL**  
 N.T.S.



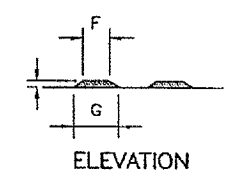
**EROSION CONTROL FABRIC FENCE DETAIL**  
 N.T.S.

- NOTES**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 2'-0" AT TOP AND MID SECTION.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" MINIMUM AND FOLDED.
  4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. MAINTENANCE, WHICH INCLUDES THE REPLACEMENT OF DAMAGED FENCE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE EROSION CONTROL FENCE.

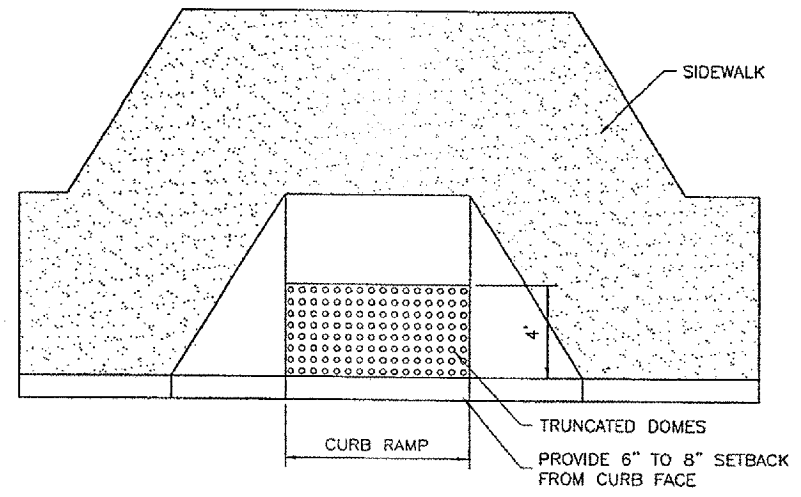


**PLAN**

	MIN.	MAX.
D	1.60"	2.40"
E	.65"	1.50"
F	.45"	.80"
G	.90"	1.40"



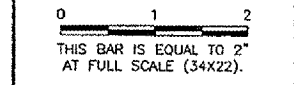
**TRUNCATED DOME DETECTABLE WARNING DETAIL**  
 N.T.S.



**DETECTABLE WARNING AT CURB RAMP**  
 N.T.S.

**REVISIONS**

NUMBER	BY	DATE



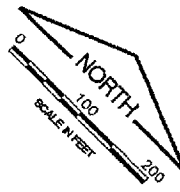
UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 PAVING AND MISCELLANEOUS DETAILS

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 84-000613

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473

IMAGE FILES:



**UN044**  
 K:\Champaign\0505903\Draw\Sheets\FILE: 31\_TURFPLAN.dwg  
 LAYOUT: Layout1  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:13am  
 XREF DWG: CAALLY.dwg  
 Cinfo.dwg  
 tb.dwg  
 EP-Topo.dwg



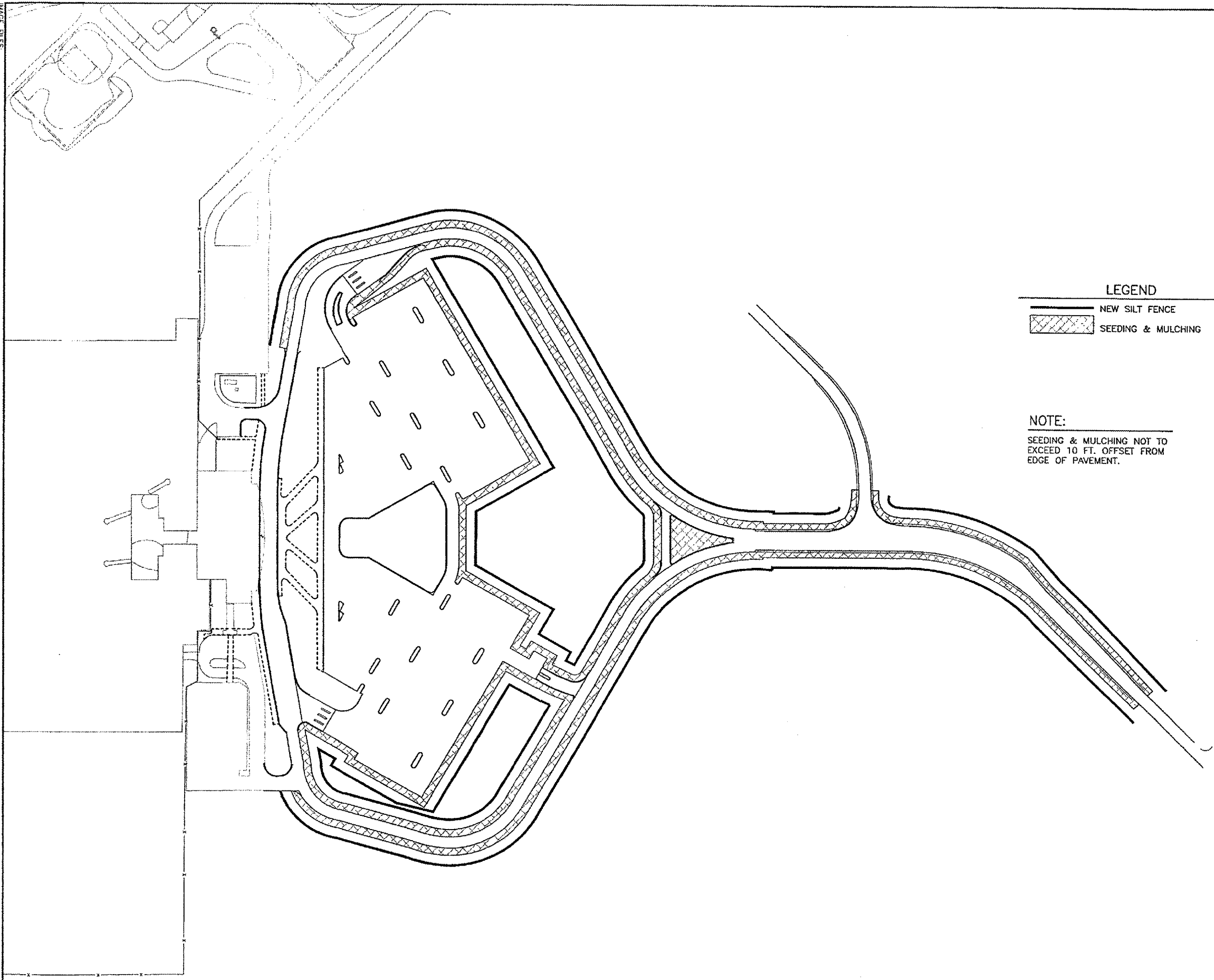
REVISIONS		
NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2'  
 AT FULL SCALE (34X22).

**LEGEND**

-  NEW SILT FENCE
-  SEEDING & MULCHING

**NOTE:**  
 SEEDING & MULCHING NOT TO EXCEED 10 FT. OFFSET FROM EDGE OF PAVEMENT.

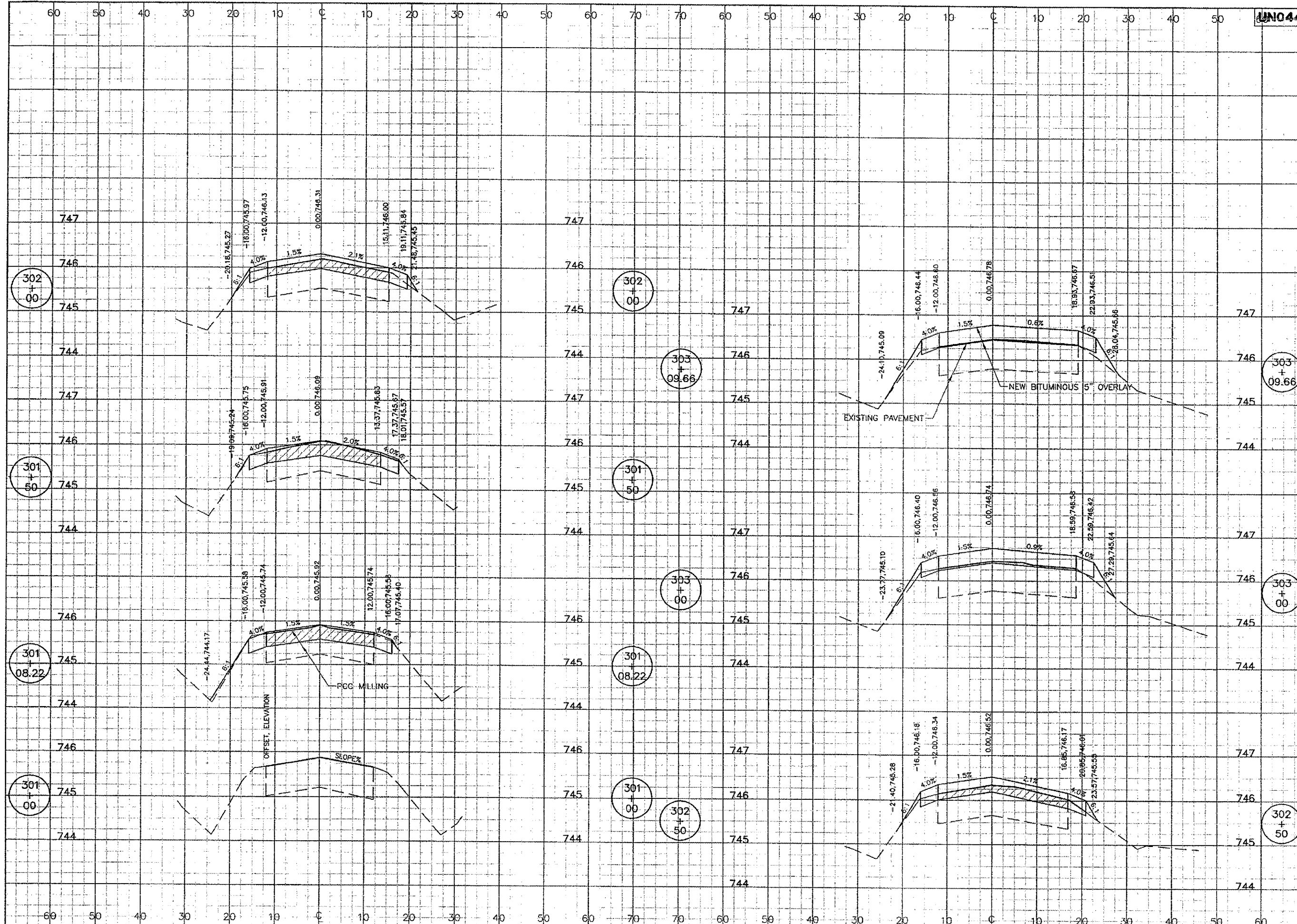
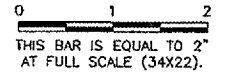


**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT  
 REHABILITATE TERMINAL PARKING AREA  
 TURFING PLAN**

© Copyright CMT, Inc.  
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000813

DESIGN BY:	CMT
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473

REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

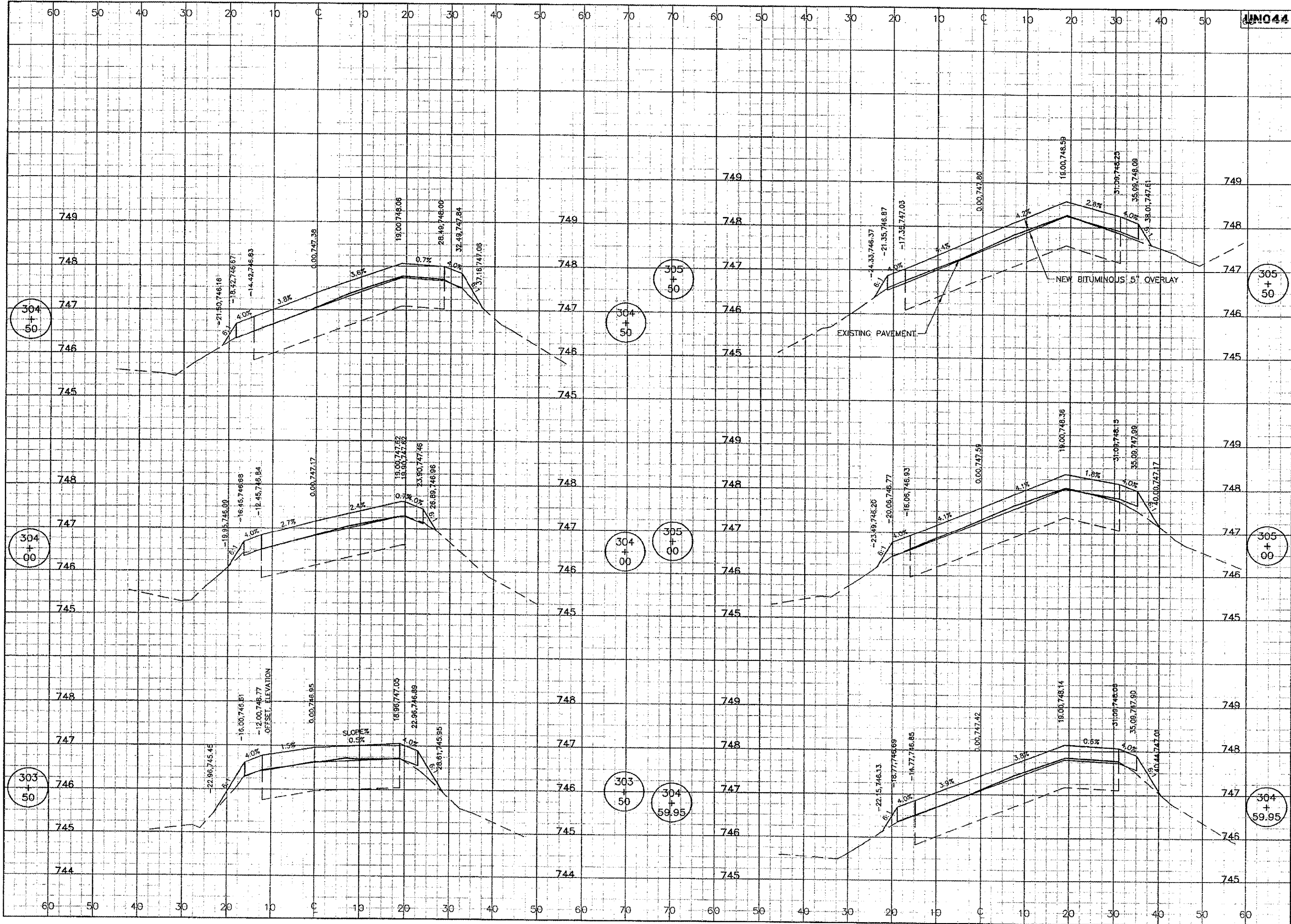
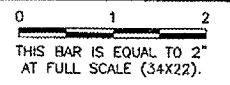
**REHABILITATE TERMINAL PARKING AREA  
 ENTRANCE ROAD CROSS SECTIONS  
 STA. 301+00 TO STA. 303+09.66**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
© copyright CMT, Inc.

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM-3473



REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA  
 ENTRANCE ROAD CROSS SECTIONS  
 STA. 303+50 TO STA. 305+50**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET 33 OF 45 SHEET	

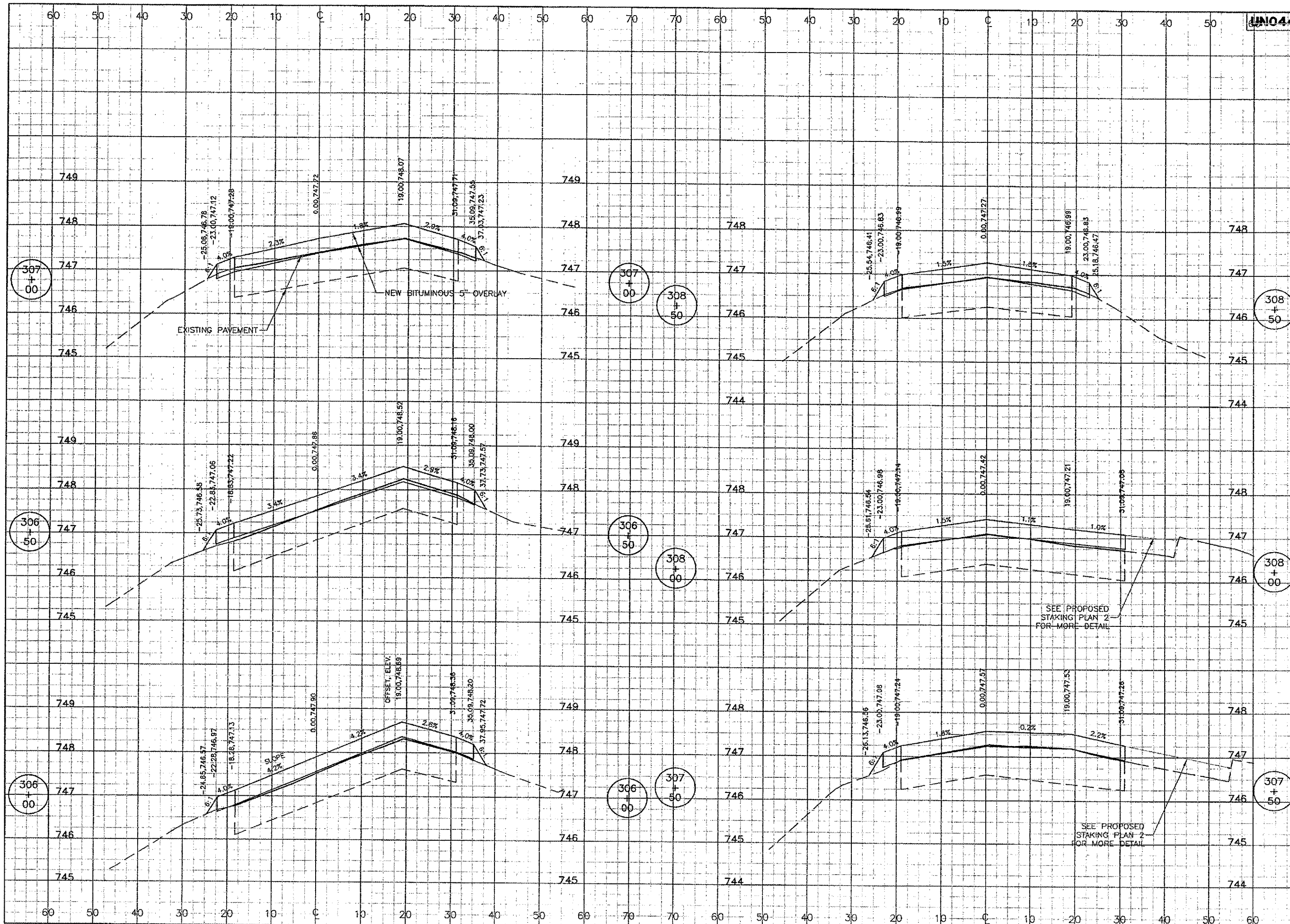
REVISIONS		
NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2'  
 AT FULL SCALE (34x22).

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
**REHABILITATE TERMINAL PARKING AREA  
 ENTRANCE ROAD CROSS SECTIONS  
 STA. 306+00 TO STA. 308+50**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 © Copyright CMT, Inc.

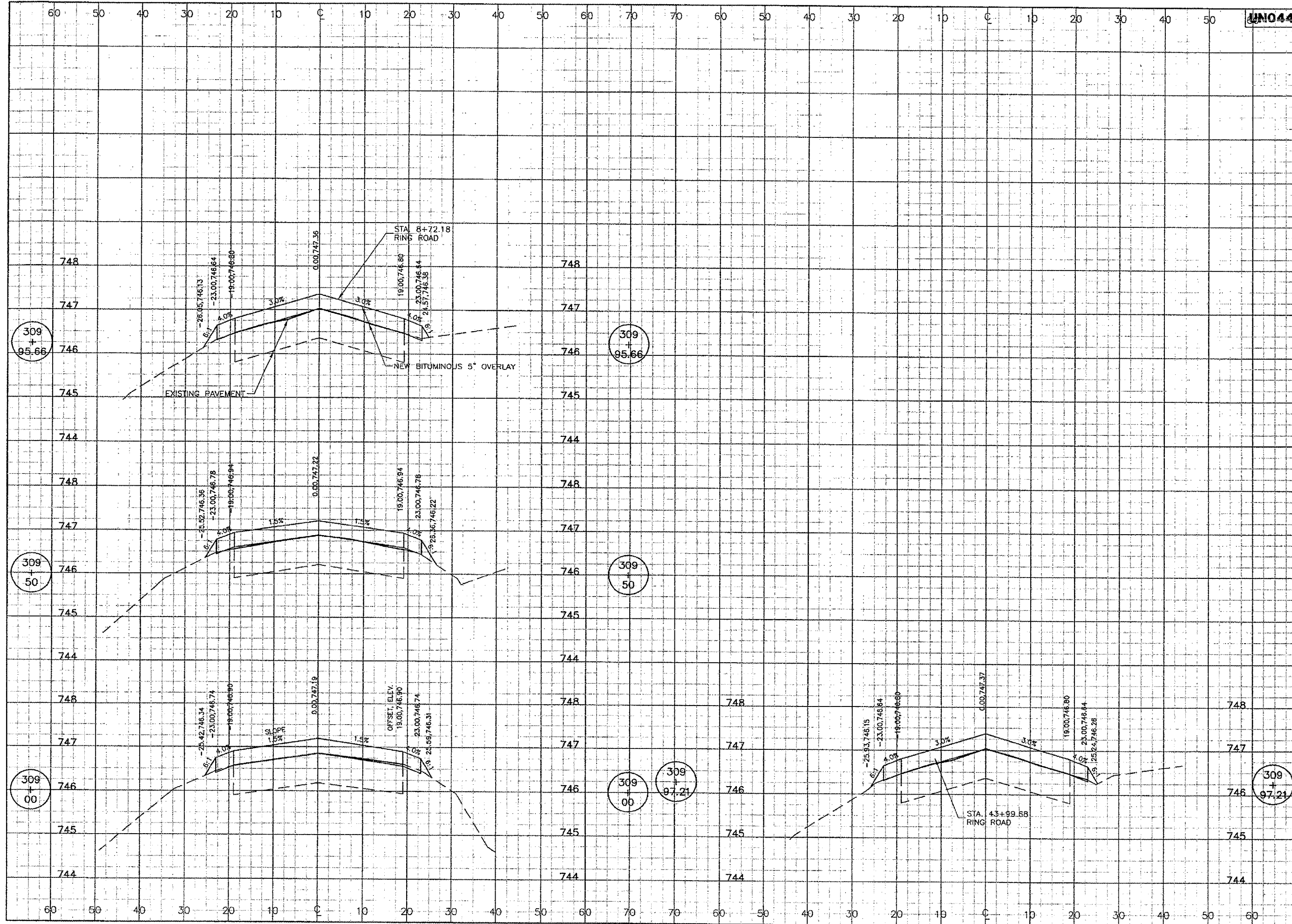
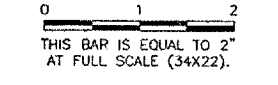
DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903



UNO44

K:\Champaign\0505903\Draw\Sheets\  
FILE: 35\_rc\_008002.dwg  
LAYOUT: Model  
UPDATE BY: jfrank  
SURVEY BOOK #  
DATE: Thu 11/17/05 10:36am  
XREF DWG: C:\info.dwg

REVISIONS		
NUMBER	BY	DATE



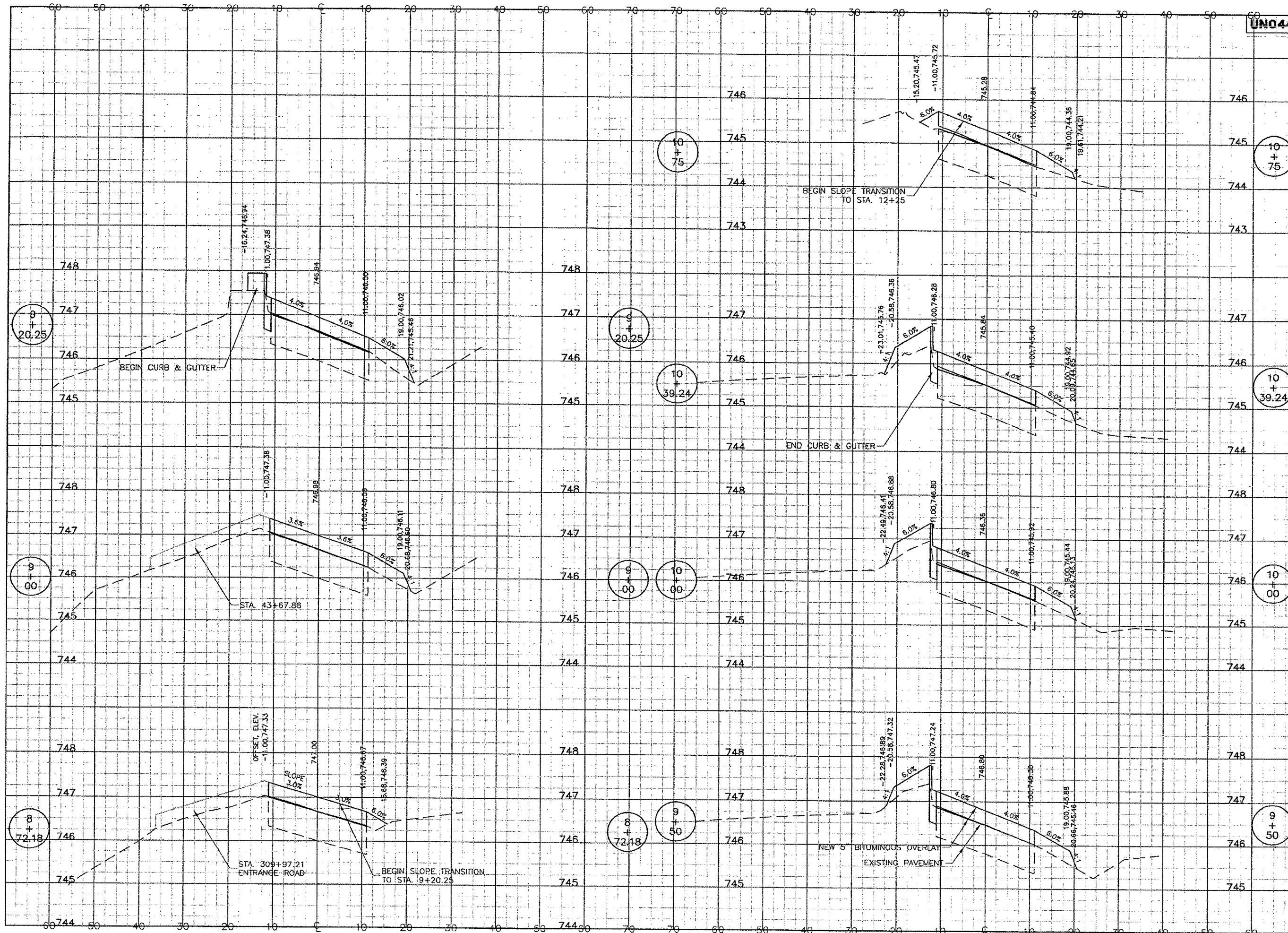
**UNIVERSITY OF ILLINOIS  
WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA  
ENTRANCE ROAD CROSS SECTIONS  
STA. 309+00 TO STA. 309+97.21**

**CMT**  
CRAWFORD, MURPHY & TILLY, INC.  
CONSULTING ENGINEERS

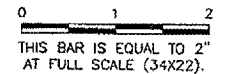


DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM-3473
SHEET	35 OF 45 SHEET



UN044  
 K:\Champaign\0505903\Draw\Sheets\  
 FILE: 36\_rc001001.dwg  
 LAYOUT: Model  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:36am  
 XREF DWG: Cintinfo.dwg

REVISIONS		
NUMBER	BY	DATE
10 + 75		



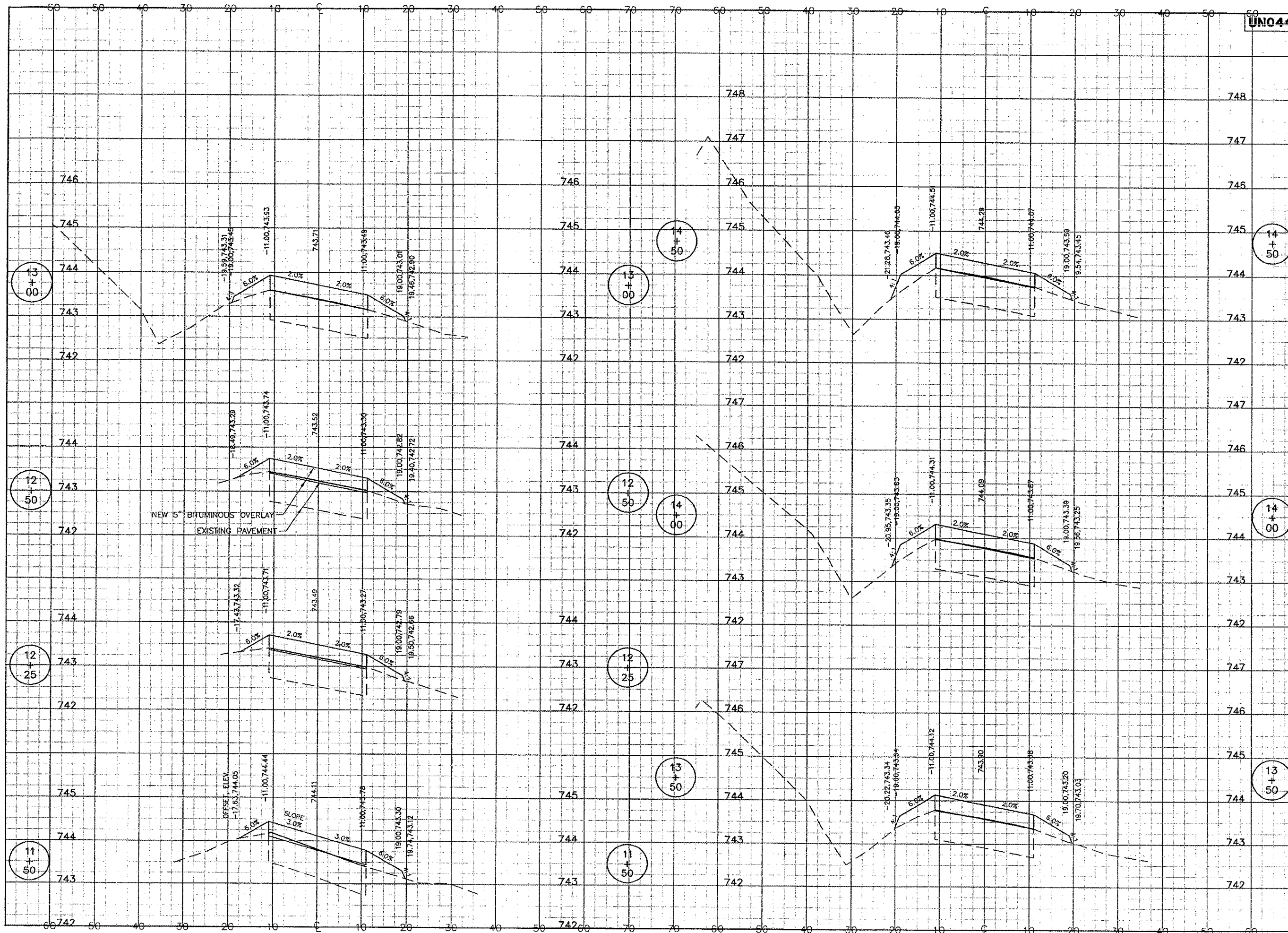
**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 8+72.18 TO STA. 10+75**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS

© Copyright CMT, Inc.

DESIGN BY:	CBC
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET 36 OF 45 SHEET	



**UN044**  
 K:\Champaign\0505903\Draw\Sheets\1  
 FILE: 37\_rc002001.dwg  
 LAYOUT: Model  
 UPDATE BY: Jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:36am  
 XREF DWG: Cinfo.dwg

REVISIONS		
NUMBER	BY	DATE

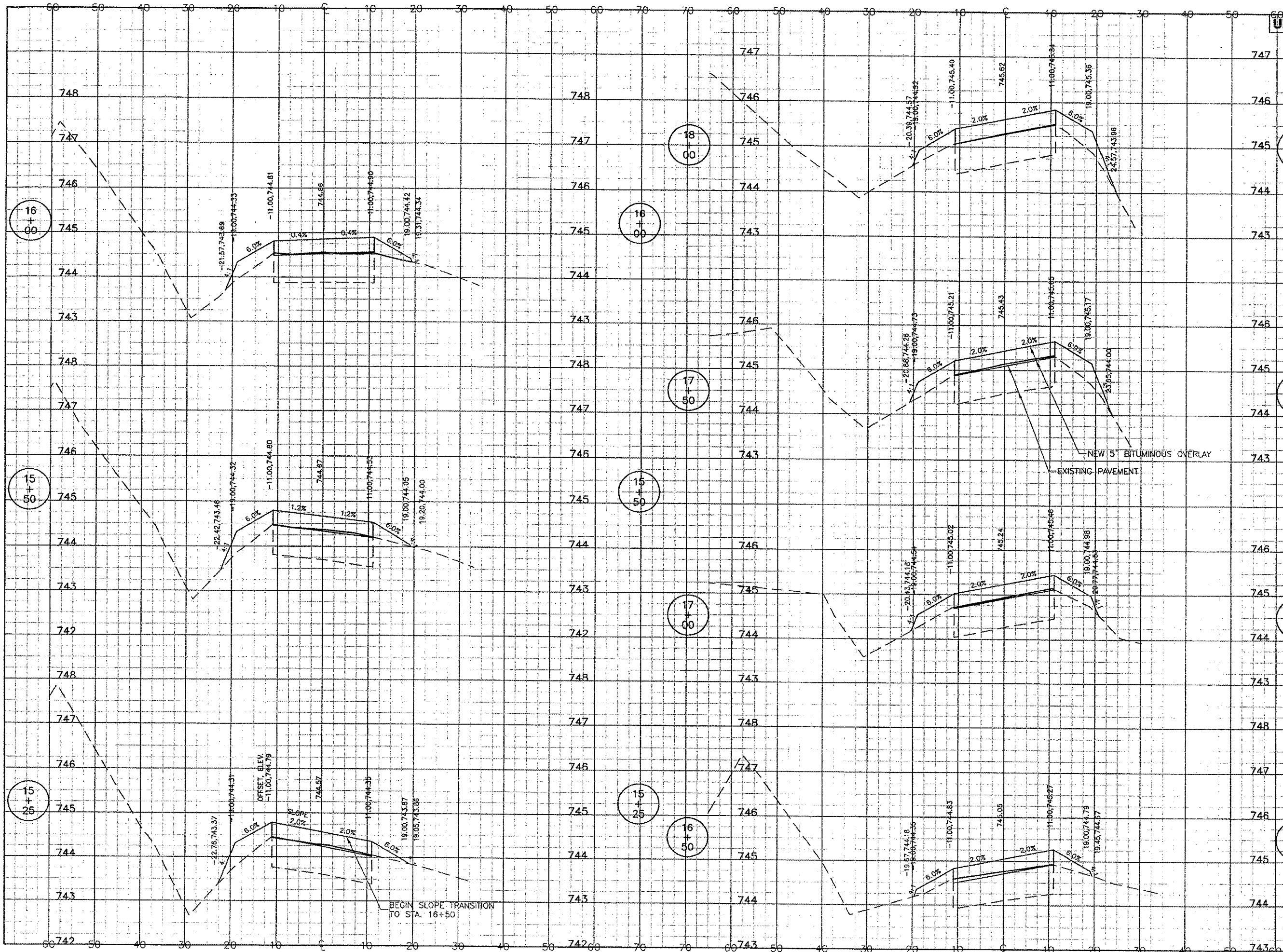
0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
 REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 11+50 TO STA. 14+50

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS



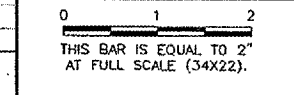
DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM-3473



**UN044**  
 K:\Champaign\0505903\Draw\Sheets\FILE: 38\_rc003001.dwg  
 LAYOUT: Model  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:37am  
 XREF DWG: Cntinfo.dwg

REVISIONS

NUMBER	BY	DATE
18		
00		



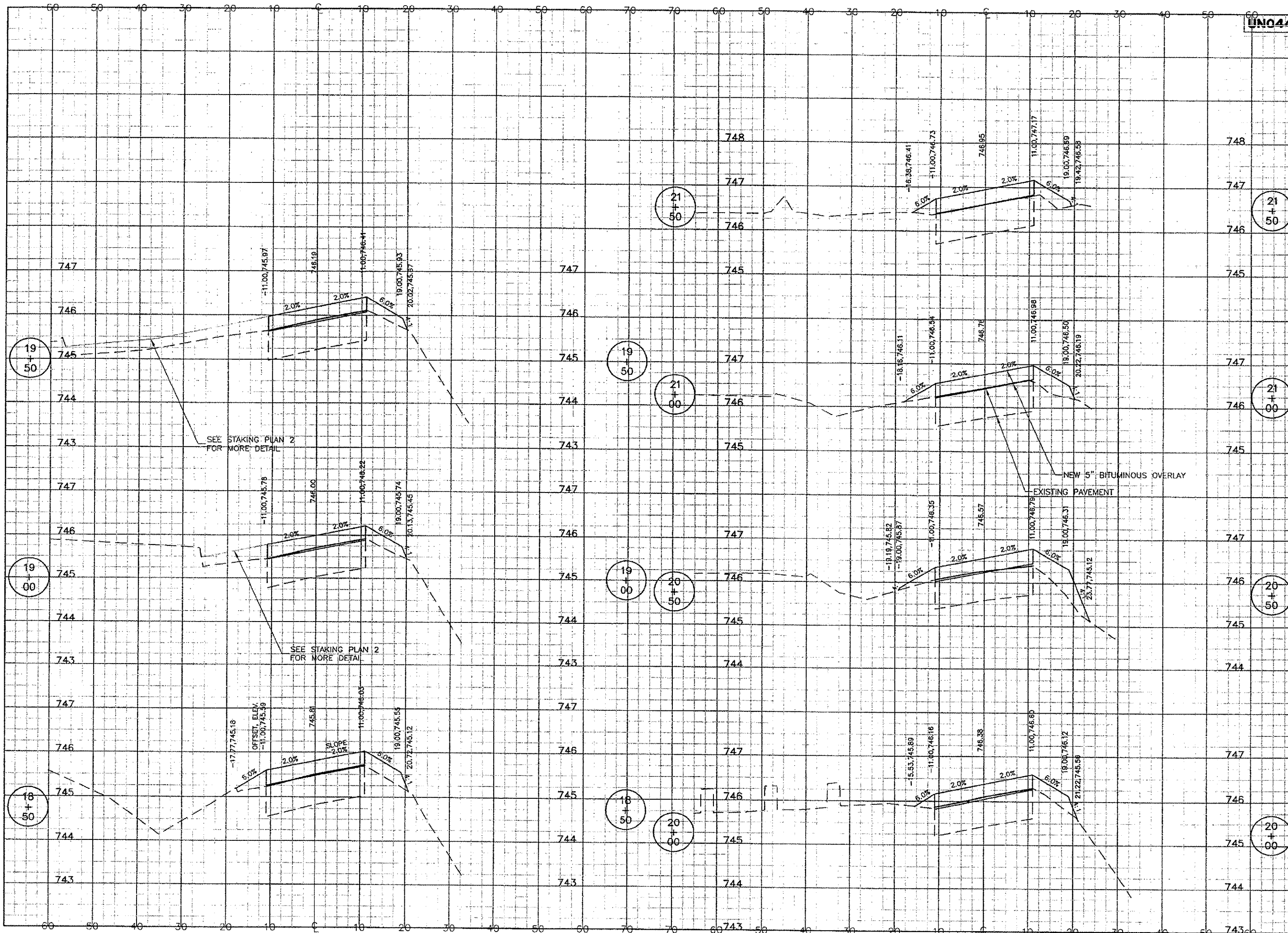
**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 15+25 TO STA. 18+00**

**CMT**  
 CRAWFORD MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS

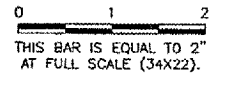
© Copyright CMT, Inc.

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473



UN044  
 K:\Champaign\0505903\Draw\Sheets\FILE: 39\_rc004001.dwg  
 LAYOUT: Model  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:37am  
 XREF DWG: Cintinfo.dwg

REVISIONS		
NUMBER	BY	DATE

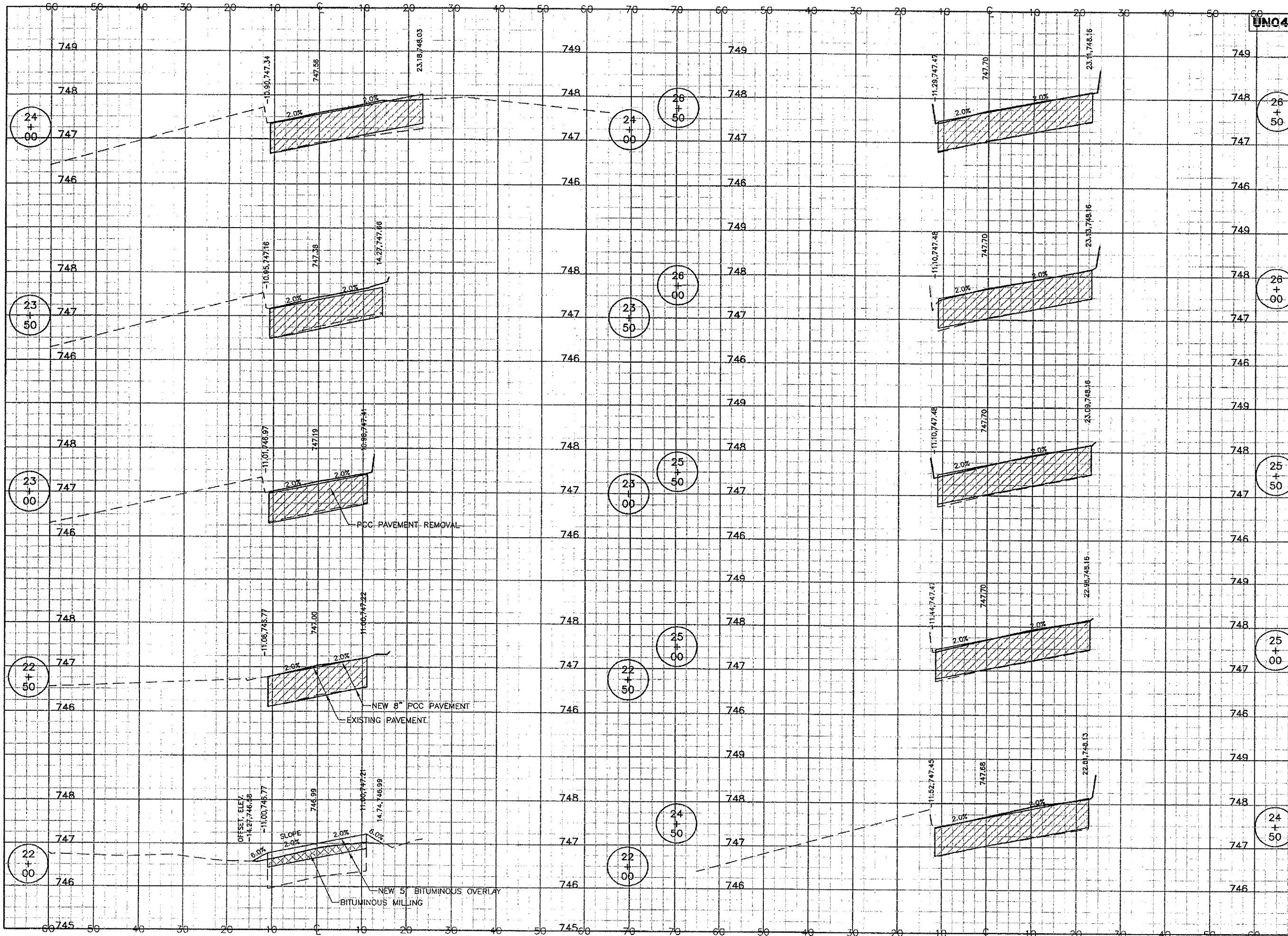


**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 18+50 TO STA. 21+50**

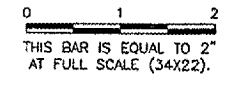
**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
© Copyright CMT, Inc.

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET 39 OF 45 SHEET	



**UNO44**  
 K:\Champaign\0505803\Draw\Sheets\FILE: 40\_rc005001.dwg  
 LAYOUT: Model  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:38am  
 XREF DWG: Cintinfo.dwg

REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

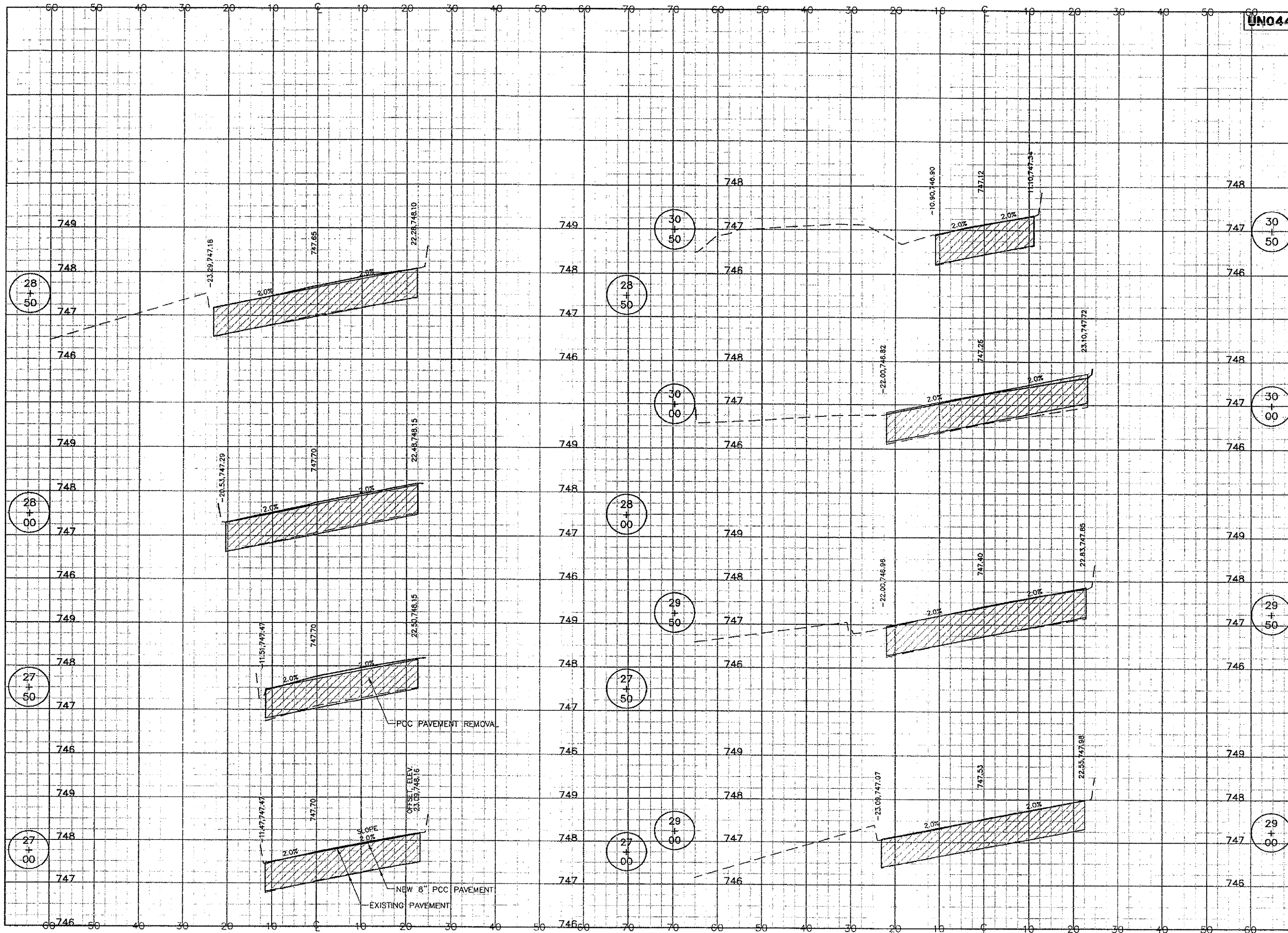
**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 22+00 TO STA. 26+50**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS



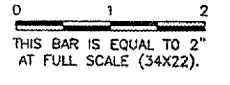
DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473





**UN044**  
 K:\Champaign\0505903\Draw\Sheets\FILE: A1\_rc006001.dwg  
 LAYOUT: Model  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:44am  
 XREF DWG: CIntinfo.dwg

REVISIONS		
NUMBER	BY	DATE

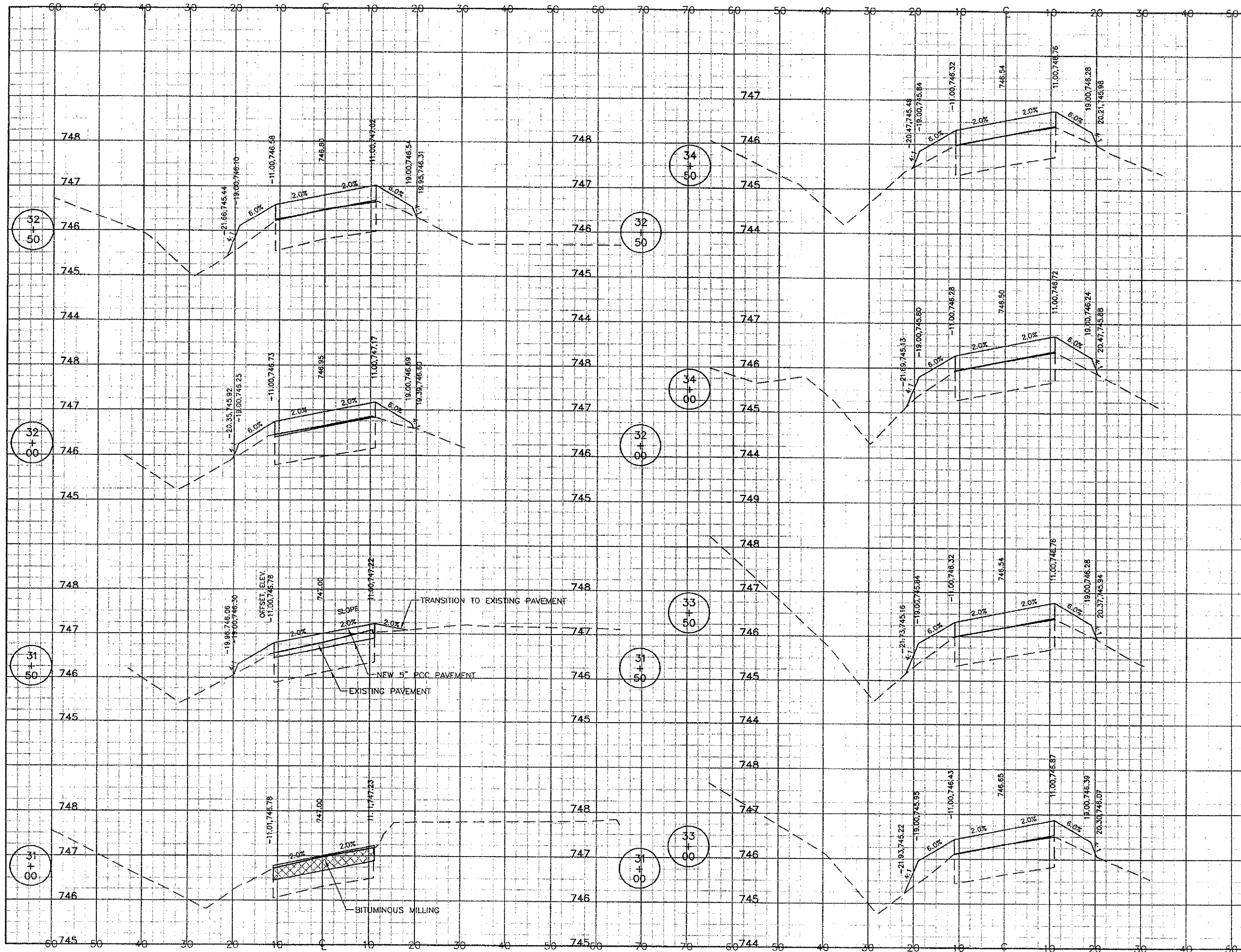


**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
 REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 27+00 TO STA. 30+50

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS

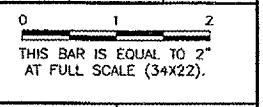


DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903



**UN044**  
 K:\Champaign\0505903\Draw\Sheets\FILE: 42\_rc007001.dwg  
 LAYOUT: Model  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:45am  
 XREF DWG: CIntinfo.dwg

REVISIONS		
NUMBER	BY	DATE



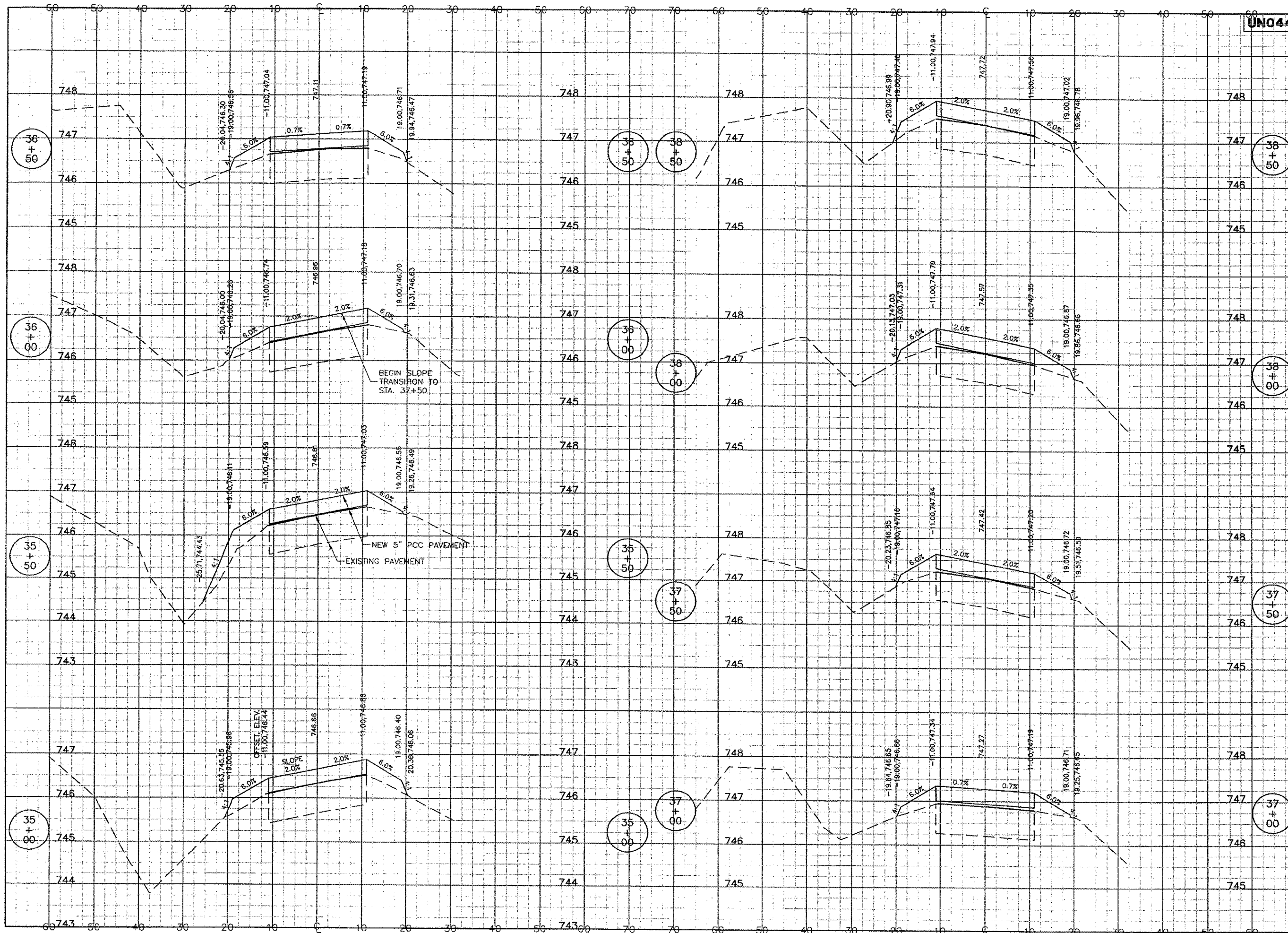
**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 31+00 TO STA. 34+50**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS

© Copyright CMT, Inc.

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473
SHEET	42 OF 45 SHEET



**UN044**  
 K:\Champaign\0505903\Draw\Sheet1  
 FILE: 43\_rc008001.dwg  
 LAYOUT: Model  
 UPDATE BY: jfrank  
 SURVEY BOOK #  
 DATE: Thu 11/17/05 10:45am  
 XREF DWG: C:\info.dwg

REVISIONS		
NUMBER	BY	DATE

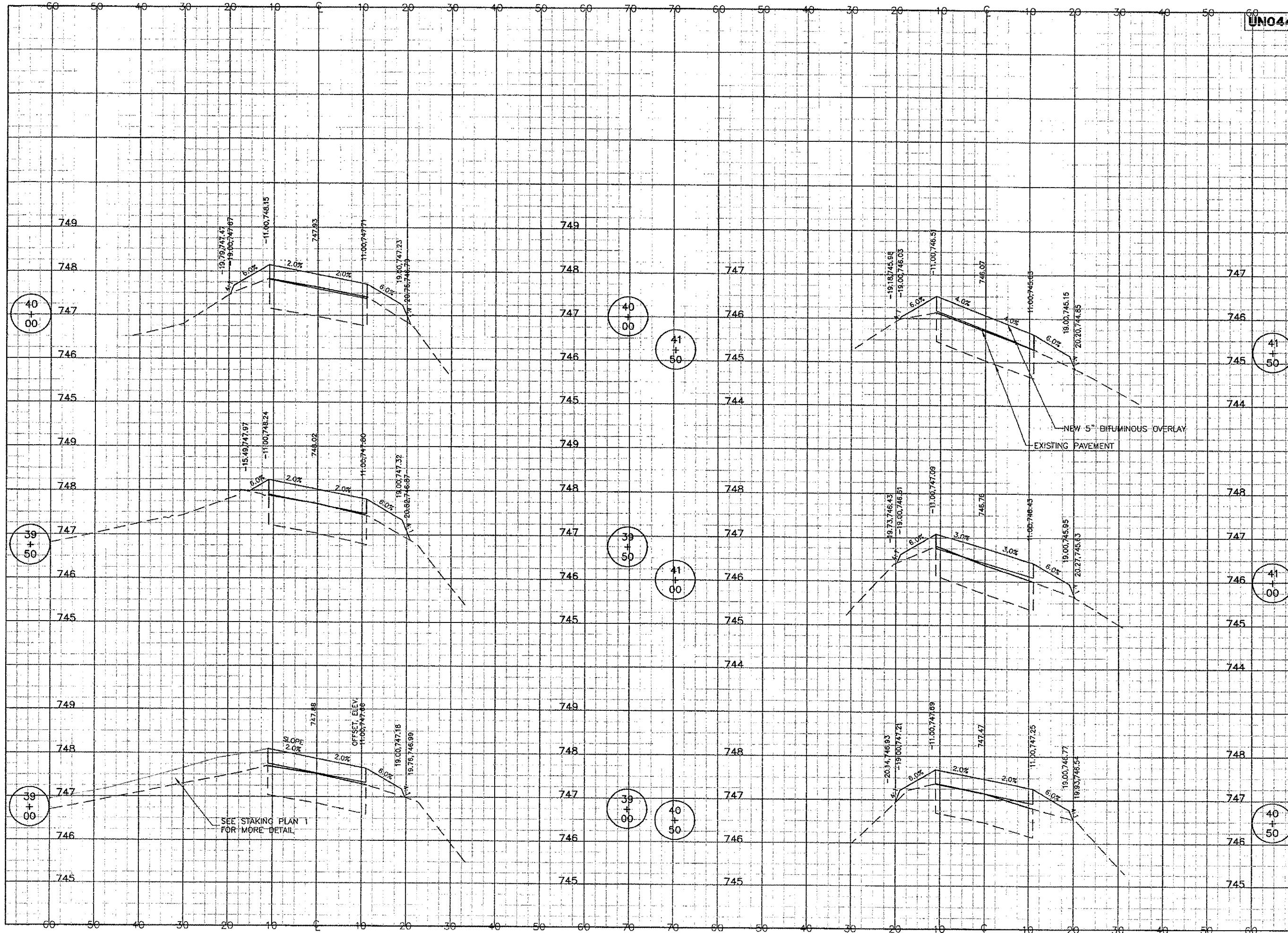
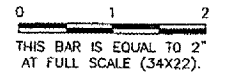
0 1 2  
 THIS BAR IS EQUAL TO 2'  
 AT FULL SCALE (34x22).

**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**  
**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 35+00 TO STA. 38+50**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 © Copyright CMT, Inc.

DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CMI-3473

REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

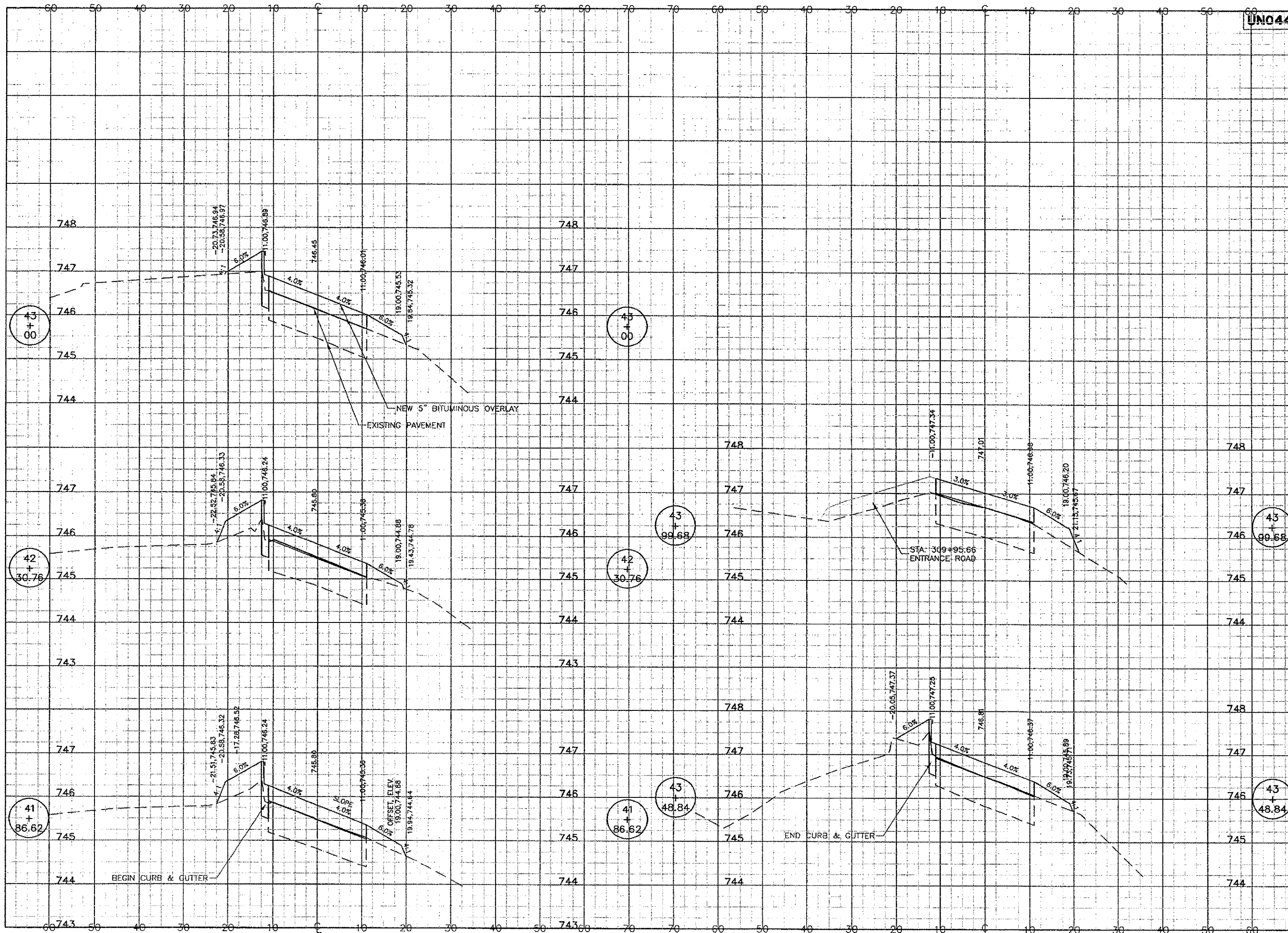
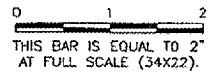
**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 39+00 TO STA. 41+50**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS



DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	JEF
APPROVED BY:	SMH
DATE:	11/11/05
JOB No:	0505903
IL PROJECT:	CM-3473

REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS  
 WILLARD AIRPORT**

**REHABILITATE TERMINAL PARKING AREA  
 RING ROAD CROSS SECTIONS  
 STA. 41+86.62 TO STA. 43+99.68**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS

DESIGN BY: CBG  
 DRAWN BY: CMT  
 CHECKED BY: JEF  
 APPROVED BY: SMH  
 DATE: 11/11/05  
 JOB No: 0505903

IL PROJECT: CMI-3473