

UNIVERSITY OF ILLINOIS - WILLARD AIRPORT

ILLINOIS PROJECT NO. CMI-4269

RELOCATE ENTRANCE ROADWAY & REHABILITATE OLD TERMINAL PARKING LOT

UTILITIES

ILLINOIS AMERICAN WATER COMPANY
 (WATER)
 CHARLES McCARREY
 201 DEVONSHIRE DRIVE
 CHAMPAIGN, ILLINOIS 61820
 (217) 373-3286 OFFICE

AMEREN I.P.
 (ELECTRIC / GAS)
 RUSS SUMMERS
 P.O. BOX 17070
 URBANA, IL 61803-7070
 (217) 383-7283

AT&T
 (TELEPHONE / FIBER OPTIC)
 MICHELE SCOTT
 201 SO. NEIL STREET
 CHAMPAIGN, ILLINOIS 61820
 (217) 398-7991 FAX

MCI
 (FIBER OPTIC)
 7000 WESTERN PARKWAY
 CARY, NO. CAROLINA 27513
 1(800) 840-0338

COMCAST
 (CABLE TV)
 BRIAN CORRIE
 303 E. FAIRLAWN DRIVE
 URBANA, ILLINOIS 61801
 (217) 383-8031 OFFICE

APRIL 19, 2013

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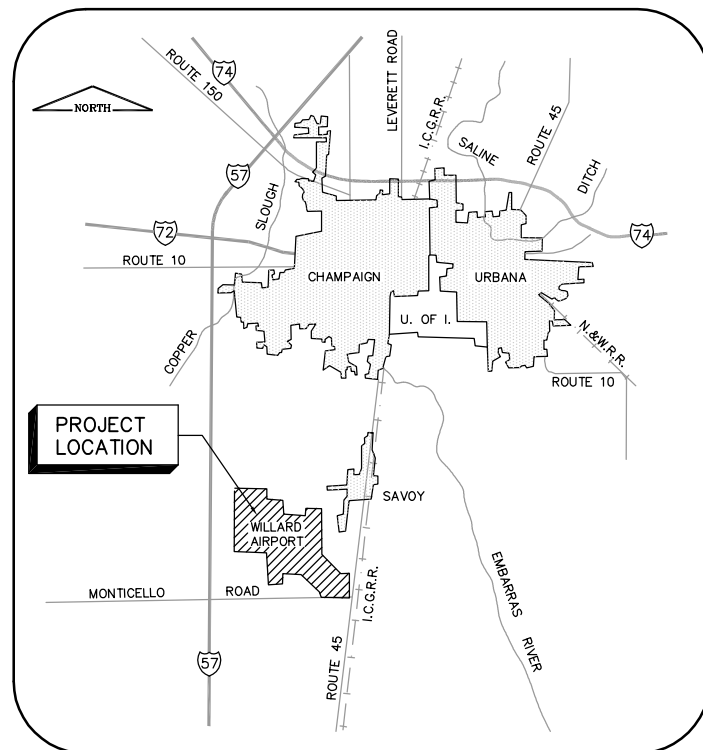
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 TOWNSHIP: T 18 N
 RANGE: R 8 E
 COUNTY: CHAMPAIGN

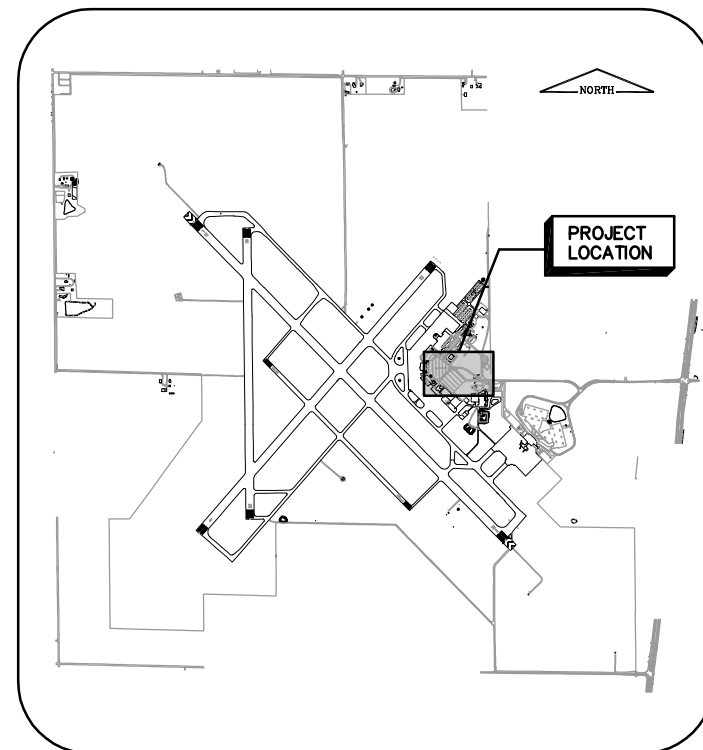
ENTRANCE ROAD
 DESIGN SPEED - 30 MPH
 DESIGN VEHICLE - SEMITRAILER WB-50
 CLASS IV ROAD AND STREETS

ENTRANCE ROAD INTERSECTION
 DESIGN SPEED - 10 MPH
 DESIGN VEHICLE - PASSENGER SCHOOL BUS

PAVEMENT STRUCTURE DESIGN DATA
 CLASS IV ROAD AND STREET
 DESIGN PERIOD - 20 YEARS



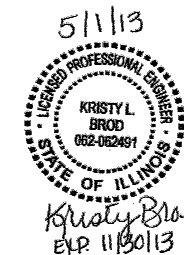
LOCATION MAP



SITE PLAN

UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT

APPROVED *[Signature]*
 DATE 1 MAY 2013

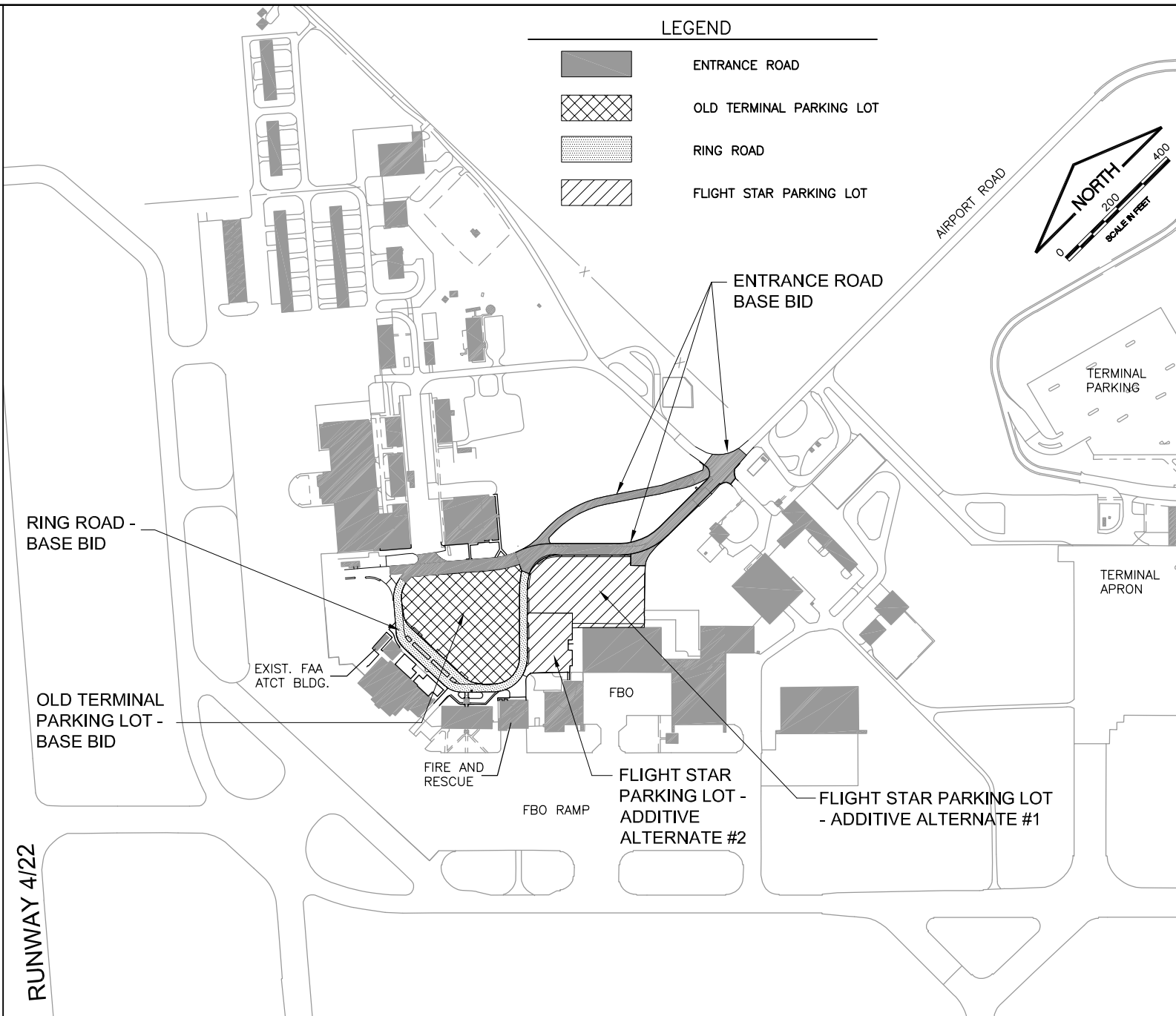


CMT
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 CONSULTING ENGINEERS
 License No. 184-000613

SUBMITTED BY *Kristy Brod*
 DATE 5/11/13

CM&T JOB NUMBER 11059-05

SUMMARY OF QUANTITIES								
Item Number	Item Description	Unit	Total Project Quantity	Entrance Road Quantity	Ring Road Quantity	Old Terminal Parking Lot Quantity	Flight Star Parking Lot Quantity	
							Additive Alternate #1	Additive Alternate #2
BASE BID								
AR150510	ENGINEER'S FIELD OFFICE	LS	1	1	0	0	0	0
AR152410	UNCLASSIFIED EXCAVATION	CY	550	250	300	0	0	0
AR156510	SILT FENCE	LF	1515	1515	0	0	0	0
AR156520	INLET PROTECTION	EA	3	3	0	0	0	0
AR201863	SAND MIX CRACK REPAIR	LF	475	0	0	475	0	0
AR209608	CRUSHED AGGREGATE BASE - 8"	SY	2895	560	2185	150	0	0
AR401610	BITUMINOUS SURFACE COURSE	TON	1885	680	275	930	0	0
AR401650	BITUMINOUS PAVEMENT MILLING	SY	13045	3125	190	9730	0	0
AR401655	BUTT JOINT CONSTRUCTION	SY	765	710	55	0	0	0
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	60	0	0	60	0	0
AR401921	REMOVE PAVEMENT	SY	1450	1450	0	0	0	0
AR403610	BITUMINOUS BASE COURSE	TON	340	65	255	20	0	0
AR403620	BITUMINOUS BASE COURSE, LEVELING	TON	635	0	15	620	0	0
AR501550	PCC PAVEMENT MILLING	SY	855	0	0	855	0	0
AR501604	4" PCC SIDEWALK	SF	1380	450	930	0	0	0
AR501690	PCC SIDEWALK REMOVAL	SF	1640	450	1190	0	0	0
AR501900	REMOVE PCC PAVEMENT	SY	2255	100	2155	0	0	0
AR602510	BITUMINOUS PRIME COAT	GAL	1450	280	1095	75	0	0
AR603510	BITUMINOUS TACK COAT	GAL	4135	575	385	3175	0	0
AR620510	PAVEMENT MARKING	SF	6245	1285	625	4335	0	0
AR620590	TEMPORARY MARKING	SF	720	720	0	0	0	0
AR620900	PAVEMENT MARKING REMOVAL	SF	140	0	0	140	0	0
AR800341	REMOVE CURB ISLAND	EA	90	0	0	90	0	0
AR801246	REMOVE FLAG POLE	EA	2	0	0	2	0	0
AR910120	ROADWAY LIGHT FIXTURE	EA	5	5	0	0	0	0
AR910905	REMOVE RDWY LGT POLE W/FXTR	EA	3	3	0	0	0	0
AR910960	RELOCATE ROADWAY LIGHT POLE	EA	4	4	0	0	0	0
AR910200	ROADWAY SIGN	EA	32	12	0	20	0	0
AR910230	HANDICAP SIGN	EA	8	0	0	8	0	0
AR910243	SIGN SUPPORT	EA	37	9	0	28	0	0
AR910915	REMOVE ROADWAY SIGN	EA	23	7	0	16	0	0
AR910975	RELOCATE ROADWAY SIGN	EA	12	0	0	12	0	0
AR910410	PARKING BLOCK	EA	45	0	0	45	0	0
AR800285	REMOVE PARKING BLOCK	EA	4	0	0	4	0	0
AR910430	TRAFFIC MAINTENANCE (ROADWAY)	LS	1	1	0	0	0	0
AR751940	ADJUST INLET	EA	7	0	1	6	0	0
AR751927	REPLACE FRAME & GRATE	EA	1	0	0	1	0	0
AR754212	CONCRETE CURB TYPE B	LF	250	0	250	0	0	0
AR754900	REMOVE CONCRETE CURB	LF	150	0	150	0	0	0
AR901510	SEEDING	AC	1	1	0	0	0	0
AR908510	MULCHING	AC	1	1	0	0	0	0
AR108506	2/C #6 600 V UG CABLE	LF	2560	2560	0	0	0	0
AR108756	1/C #6 GROUND	LF	2560	2560	0	0	0	0
AR110000	DIRECTIONAL BORE	LF	60	60	0	0	0	0
ADDITIVE ALTERNATE #1								
AS401610	BITUMINOUS SURFACE COURSE	TON	600	0	0	0	600	0
AS401650	BITUMINOUS PAVEMENT MILLING	SY	6775	0	0	0	6775	0
AS401655	BUTT JOINT CONSTRUCTION	SY	935	0	0	0	935	0
AS403620	BITUMINOUS BASE COURSE, LEVELING	TON	400	0	0	0	400	0
AS501604	4" PCC SIDEWALK	SF	1540	0	0	0	1540	0
AS501690	PCC SIDEWALK REMOVAL	SF	1540	0	0	0	1540	0
AS603510	BITUMINOUS TACK COAT	GAL	2035	0	0	0	2035	0
AS620510	PAVEMENT MARKING	SF	2120	0	0	0	2120	0
AS910200	ROADWAY SIGN	EA	5	0	0	0	5	0
AS910230	HANDICAP SIGN	EA	4	0	0	0	4	0
AS910243	SIGN SUPPORT	EA	5	0	0	0	5	0
AS910915	REMOVE ROADWAY SIGN	EA	1	0	0	0	1	0
AS800285	REMOVE PARKING BLOCK	EA	7	0	0	0	7	0
ADDITIVE ALTERNATE #2								
AT401610	BITUMINOUS SURFACE COURSE	TON	210	0	0	0	0	210
AT401650	BITUMINOUS PAVEMENT MILLING	SY	2395	0	0	0	0	2395
AT401655	BUTT JOINT CONSTRUCTION	SY	470	0	0	0	0	470
AT403620	BITUMINOUS BASE COURSE, LEVELING	TON	140	0	0	0	0	140
AT501604	4" PCC SIDEWALK	SF	375	0	0	0	0	375
AT501690	PCC SIDEWALK REMOVAL	SF	375	0	0	0	0	375
AT603510	BITUMINOUS TACK COAT	GAL	720	0	0	0	0	720
AT620510	PAVEMENT MARKING	SF	475	0	0	0	0	475
AT910200	ROADWAY SIGN	EA	4	0	0	0	0	4
AT910230	HANDICAP SIGN	EA	2	0	0	0	0	2
AT910243	SIGN SUPPORT	EA	4	0	0	0	0	4



GENERAL NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE PROJECT.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH STATE AND LOCAL REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.
- ALL STREET RETURNS HAVE RADII DESIGNATED TO THE EDGE OF PAVEMENT AND FACE OF CURB UNLESS OTHERWISE NOTED ON THE PLANS.
- THE EXCAVATION FOR THIS PROJECT IS CLASSIFIED AS EARTH EXCAVATION IN ACCORDANCE WITH ITEM 152 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS AND AS PROVIDED IN THE CONTRACT SPECIFICATIONS. THE EARTH EXCAVATION SHALL INCLUDE THE REMOVAL OF EARTH AND UNCLASSIFIED MATERIALS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND AGENCIES PRIOR TO EXCAVATION OPERATIONS.
- THE EXISTING TRAFFIC SIGNS AND POSTS WHICH INTERFERE WITH THE CONSTRUCTION SHALL BE REMOVED AND RESET, AS THE CASE MAY BE, AS DIRECTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH ITEM 910200 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTIONS OF AIRPORTS. EXISTING SIGNS THAT WILL NOT BE RESET SHALL BE RETURNED TO THE AIRPORT.
- NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PAVEMENT REMOVAL ITEMS DUE TO VARIATIONS IN THE EXISTING PAVEMENT TYPE, THICKNESS, OR AMOUNT OF REINFORCEMENT.
- ALL DISTURBED AREAS SHALL BE SEED OR AS SHOWN ON THE PLANS, AND SEEDING SHALL BE DONE AS SOON AS EACH STAGE IS COMPLETED AS DIRECTED BY THE AIRPORT. EXISTING TURF WHICH IS DAMAGED OUTSIDE THE LIMITS OF RIGHT-OF-WAY, EASEMENTS OR CONSTRUCTION SHALL BE REESTABLISHED WITH SEED AS DIRECTED BY THE RESIDENT ENGINEER AT THE CONTRACTORS EXPENSE.
- UTILITY LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. BEFORE COMMENCING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL OBTAIN FROM THE UTILITY PROVIDERS ANY AVAILABLE INFORMATION REGARDING THE POSITIONS OF UTILITIES WITHIN THE PROJECT LIMITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEIR EXACT LOCATION AT THE TIME OF CONSTRUCTION AND TO PROTECT SAME, THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN OVERHEAD UTILITY LINES AND THE EQUIPMENT USED DURING CONSTRUCTION.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS REMOVAL PAY ITEMS, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL SALVAGEABLE FRAMES AND GRATES WHICH ARE NOT INCORPORATED IN THE WORK SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR'S BID PRICE FOR VARIOUS STORM DRAINAGE WORK SHOULD REFLECT THE SALVAGE VALUE OF THE ITEMS.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL, AS A MINIMUM, TWO WEIGHTED SAND BAGS ON EACH TYPE II BARRICADE USED. (ONE WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.)
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR WEIGHTED SAND BAGS PER BARRICADE.
- THE CONTRACTOR SHALL NOTIFY THE AIRPORT OF ALL ROAD CLOSURES AND CHANGES IN THE TRAFFIC CONTROL PLANS A MINIMUM OF 48 HOURS IN ADVANCE OF THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF THE SITE PRIOR TO FINAL ACCEPTANCE. THIS WORK SHALL ALSO INCLUDE CLEANING ALL DRAINAGE FACILITIES OF FOREIGN MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS. THIS WORK SHALL BE DONE AS DIRECTED BY THE ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

FILE: SUM QUAN-GEN NOTES.dwg
 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:20 PM

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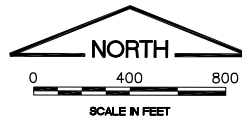
0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).

UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 SUMMARY OF QUANTITIES &
 GENERAL NOTES

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DRAWN BY:	CMT
CHECKED BY:	KLB
APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00
IL PROJ. NO.	CMI-4269
SHEET	02 OF 38 SHEETS



CRITICAL POINT TABLE						
POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	MAXIMUM EQUIPMENT ELEVATION	POLE HEIGHT	OVERALL POLE ELEVATION
A	40° 02' 26.21854	88° 16' 11.91509	746'	771'	N/A	N/A
B	40° 02' 22.29664	88° 16' 12.47602	748'	773'	N/A	N/A
C	40° 02' 23.92338	88° 16' 07.65604	744'	769'	N/A	N/A
D	40° 02' 21.89253	88° 16' 01.65291	744'	769'	N/A	N/A
E	40° 02' 30.62576	88° 16' 04.71105	746'	771'	N/A	N/A
F	40° 02' 24.32355	88° 16' 02.08393	746'	771'	N/A	N/A
G	40° 02' 24.45645	88° 16' 07.75965	744'	N/A	30'	774'
H	40° 02' 23.19029	88° 16' 05.97198	744'	N/A	30'	774'
I	40° 02' 22.29527	88° 16' 03.93635	744'	N/A	30'	774'
J	40° 02' 22.34883	88° 16' 01.49211	744'	N/A	30'	774'

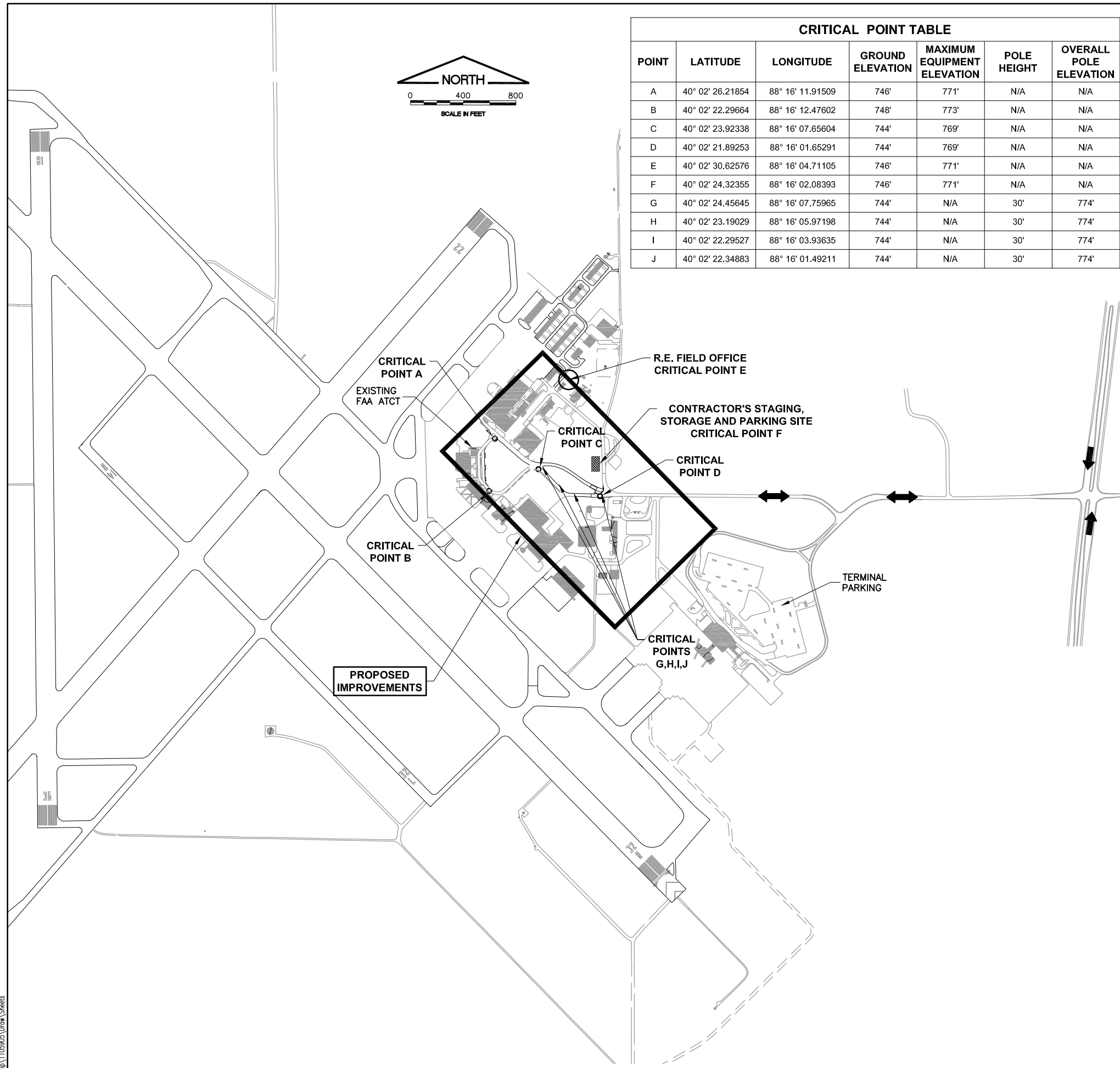
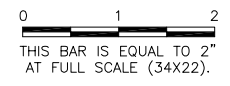
- ### GENERAL NOTES
1. THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS AT THE LOCATION SHOWN FOR THE "CONTRACTOR'S STAGING, STORAGE, AND PARKING SITE".
 2. BROKEN OR WASTE CONCRETE AND ASPHALT SHALL BE DISPOSED OF BY THE CONTRACTOR OFF AIRPORT PROPERTY, UNLESS DIRECTED BY THE AIRPORT MANAGER.
 3. VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED WITHIN THE AIRSIDE OPERATIONS OF THE AIRPORT.
 4. 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.
 5. EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS OUTSIDE OF THE TURFING LIMITS SHALL BE COMPLETELY RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE AIRPORT MANAGER.
 6. REFER TO THE CONSTRUCTION ACTIVITY PLANS AND THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS CONCERNING COORDINATION OF CONSTRUCTION ACTIVITIES.
 7. 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.

FILE: AIRPORT SITE PLAN.dwg
 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:20 PM

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- ### CONTRACTOR'S ACCESS NOTES
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.
 - C. THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS TO NOT DISTURB AGRICULTURAL AREAS AND NOT VIOLATE THE PART 77 APPROACH AND PRIMARY SURFACES.
 - D. 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.
 - E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ACCESS ROADS WITH THE APPROPRIATE AGENCY RESPONSIBLE FOR THE ROADWAY.
 2. AN AREA WILL BE PROVIDED BY THE AIRPORT TO THE CONTRACTOR AS THE STAGING, STORAGE AND EMPLOYEE PARKING SITE, AT THE LOCATION SHOWN.

LEGEND

CONTRACTOR'S ACCESS

MAXIMUM EQUIPMENT HEIGHT 25 FEET

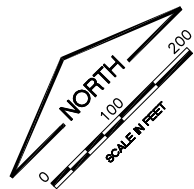
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RELOCATE ENTRANCE ROADWAY &
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 AIRPORT SITE PLAN AND
 GENERAL NOTES

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APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00

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LEGEND

- PHASE WORK AREAS
- R.E. FIELD OFFICE
- CONTRACTOR'S STAGING AND STORAGE
- CONTRACTOR'S ACCESS/HAUL ROUTE

CONSTRUCTION ACTIVITY NOTES:

1. PHASE 1 – WIDEN AND OVERLAY THE EXISTING PARKING LOT EGRESS ROAD.
2. PHASE 2 – OVERLAY WEST HALF OF OLD TERMINAL PARKING LOT, RING ROAD IMPROVEMENTS, AND CONTINUE OVERLAY OF ENTRANCE ROAD INTO PARKING LOT.
3. PHASE 3 – OVERLAY EAST HALF OF OLD TERMINAL PARKING LOT AND RING ROAD IMPROVEMENTS.
4. PHASE 4 – OVERLAY NORTHEAST PORTION OF FLIGHT STAR PARKING LOT (ADDITIVE ALTERNATE #1) AND REMOVE EXISTING ENTRANCE ROAD.
5. PHASE 5 – OVERLAY SOUTHWEST PORTION OF FLIGHT STAR PARKING LOT (ADDITIVE ALTERNATE #2).
6. SEE INDIVIDUAL PHASE SHEETS FOR MORE INFORMATION.
7. TEMPORARY SIGNAGE SHALL BE INSTALLED AT THE LOCATION SHOWN IN THE PLANS PRIOR TO BEGINNING EACH PHASE.

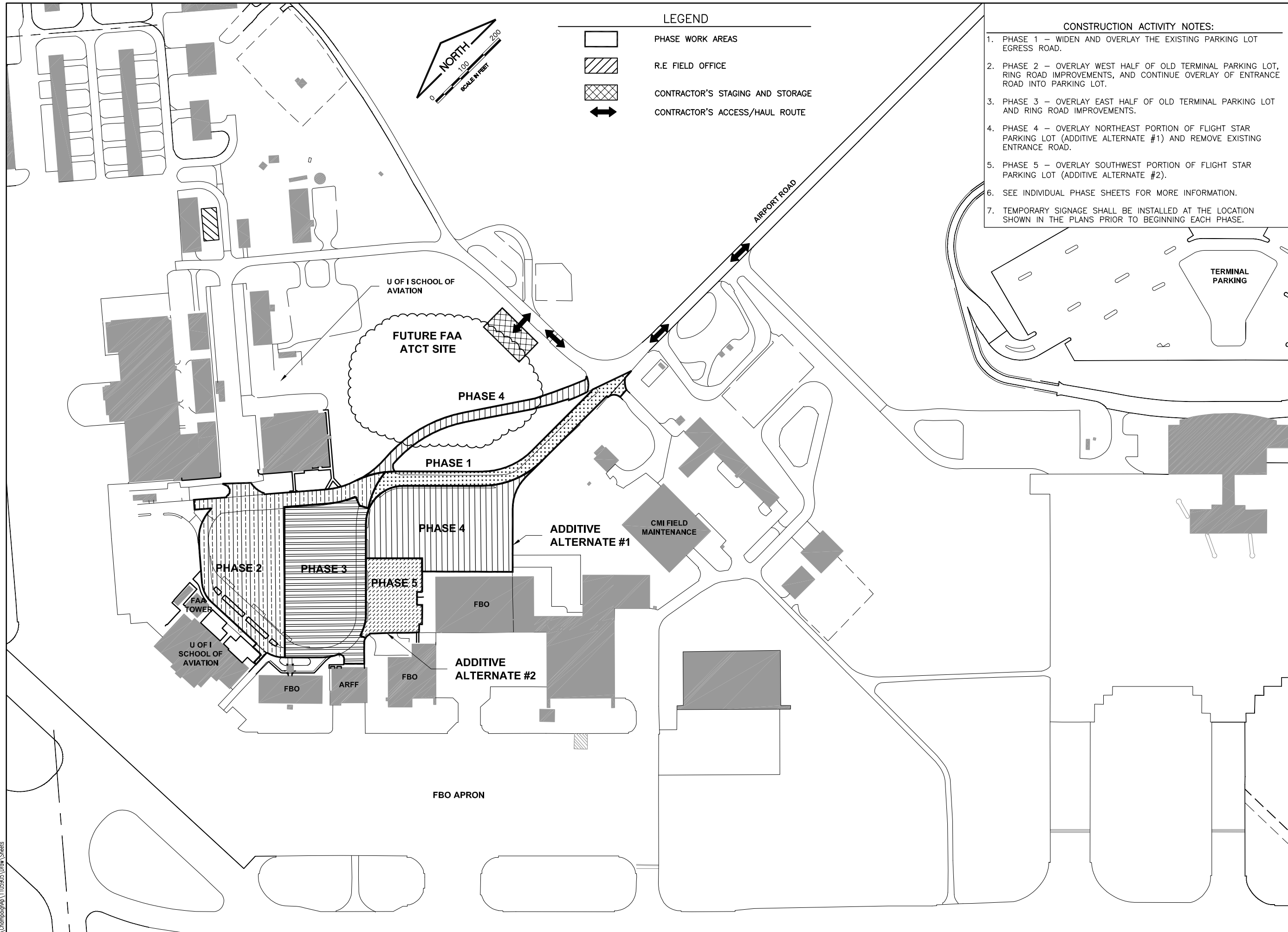
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NUMBER	BY	DATE

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 AT FULL SCALE (34X22).



**UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS**

**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CONSTRUCTION ACTIVITY PLAN
 INDEX**

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





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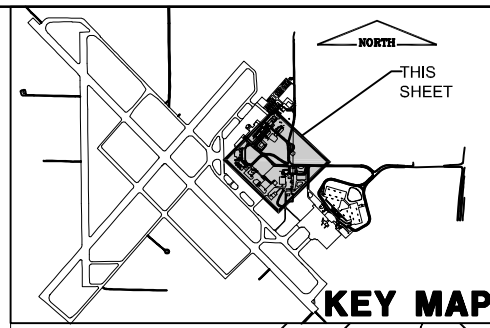
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PHASE 1 NOTES:

1. CONTRACTOR SHALL GIVE THE AIRPORT SEVEN (7) DAYS NOTIFICATION PRIOR TO THE COMMENCEMENT OF EACH PHASE.
2. ALL CONSTRUCTION BARRICADES AND TEMPORARY SIGNAGE SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF THIS PHASE.
3. CONTRACTOR SHALL COORDINATE INTERRUPTION OF MAINTENANCE TRAFFIC WITH AIRPORT MANAGER.
4. CONTRACTOR SHALL FOLLOW IDOT REQUIREMENTS AND SPECIFICATIONS FOR CONSTRUCTION TRAFFIC SIGNAGE.

LEGEND

-  PHASE 1 WORK AREA
-  CONTRACTOR'S STAGING & STORAGE
-  CONTRACTOR'S ACCESS/HAUL ROUTE
-  AIRPORT TRAFFIC
-  IDOT TYPE II BARRICADES W/FLASHING RED LIGHTS AND 20"x20" ORANGE FLAGS AT 10' SPACING
-  IDOT TYPE III BARRICADES W/FLASHING RED LIGHTS AND 20"x 20" ORANGE FLAGS AT 10' SPACING



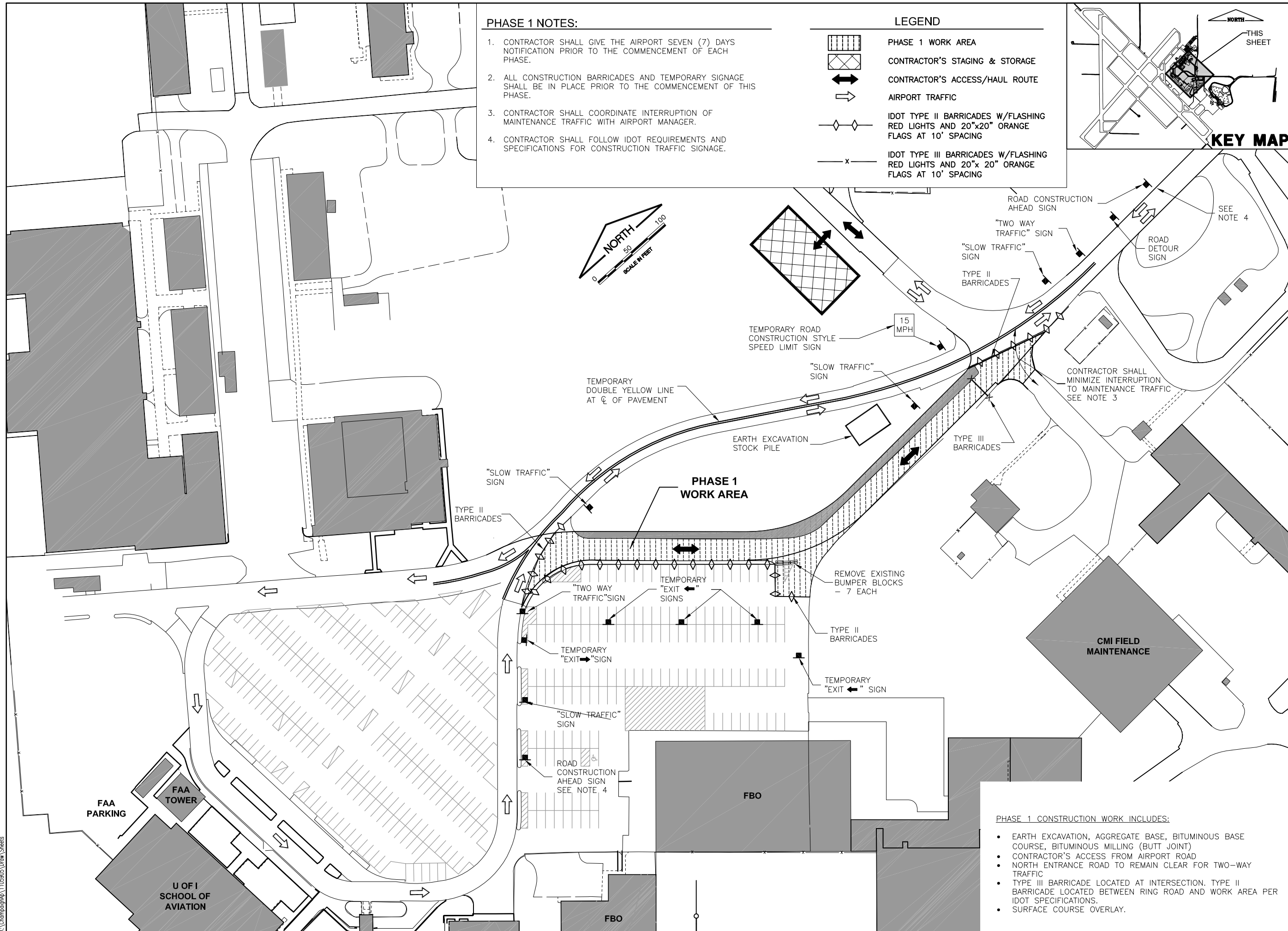
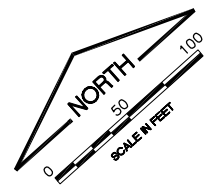
FILE: CONST ACTIVITY PLAN PH 1.dwg
 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:20 PM

Coally
 CMI Tower Site TOPO
 KEYMAP
 BASE_PROP_PHASE

UN052

REVISIONS		
NUMBER	BY	DATE

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



**UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS**

**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CONSTRUCTION ACTIVITY PLAN
 PHASE 1**

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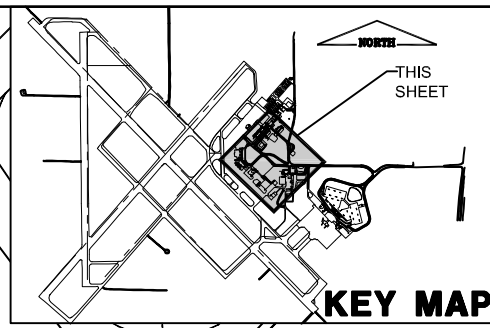
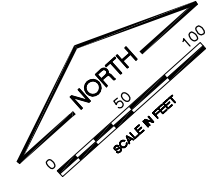
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APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00
IL PROJ. NO.	CMI-4269
SHEET	05 OF 38 SHEETS

- PHASE 1 CONSTRUCTION WORK INCLUDES:**
- EARTH EXCAVATION, AGGREGATE BASE, BITUMINOUS BASE COURSE, BITUMINOUS MILLING (BUTT JOINT)
 - CONTRACTOR'S ACCESS FROM AIRPORT ROAD
 - NORTH ENTRANCE ROAD TO REMAIN CLEAR FOR TWO-WAY TRAFFIC
 - TYPE III BARRICADE LOCATED AT INTERSECTION. TYPE II BARRICADE LOCATED BETWEEN RING ROAD AND WORK AREA PER IDOT SPECIFICATIONS.
 - SURFACE COURSE OVERLAY.

PHASE 2 NOTES:

1. CONTRACTOR SHALL GIVE THE AIRPORT SEVEN (7) DAYS NOTIFICATION PRIOR TO THE COMMENCEMENT OF EACH PHASE.
2. ALL CONSTRUCTION BARRICADES AND TEMPORARY SIGNAGE SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF THIS PHASE.
3. CONTRACTOR SHALL FOLLOW IDOT REQUIREMENTS AND SPECIFICATIONS FOR CONSTRUCTION TRAFFIC SIGNAGE.
4. VEHICLES REMAINING IN THE WORK LIMITS OF THE PARKING LOT SHALL BE TOWED TO THE OTHER HALF OF THE LOT. ANY DAMAGED INFLECTED ON THE VEHICLE DURING THE TOW SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



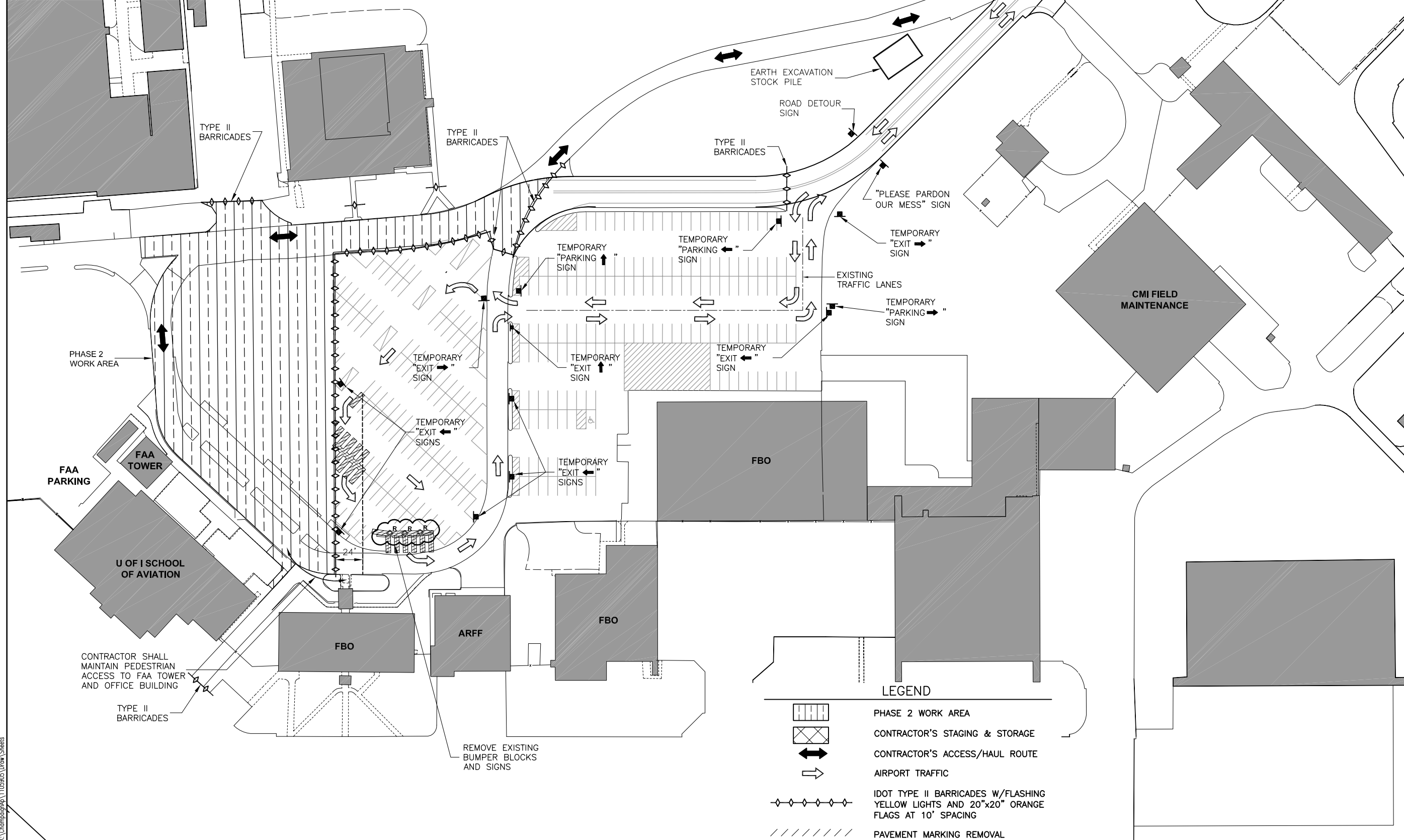
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**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CONSTRUCTION ACTIVITY PLAN
 PHASE 2**

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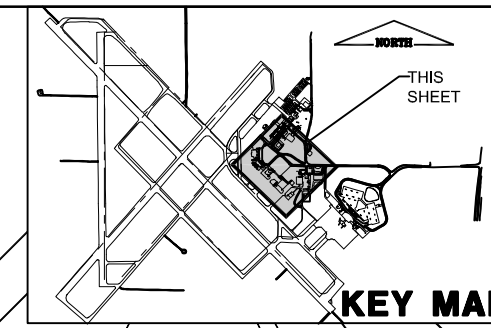
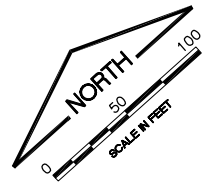
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SHEET 06 OF 38 SHEETS	

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PHASE 3 NOTES:

1. CONTRACTOR SHALL GIVE THE AIRPORT SEVEN (7) DAYS NOTIFICATION PRIOR TO THE COMMENCEMENT OF EACH PHASE.
2. ALL CONSTRUCTION BARRICADES AND TEMPORARY SIGNAGE SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF THIS PHASE.
3. CONTRACTOR SHALL FOLLOW IDOT REQUIREMENTS AND SPECIFICATIONS FOR CONSTRUCTION TRAFFIC SIGNAGE.
4. VEHICLES REMAINING IN THE WORK LIMITS OF THE PARKING LOT SHALL BE TOWED TO THE OTHER HALF OF THE LOT. ANY DAMAGED INFLECTED ON THE VEHICLE DURING THE TOW SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



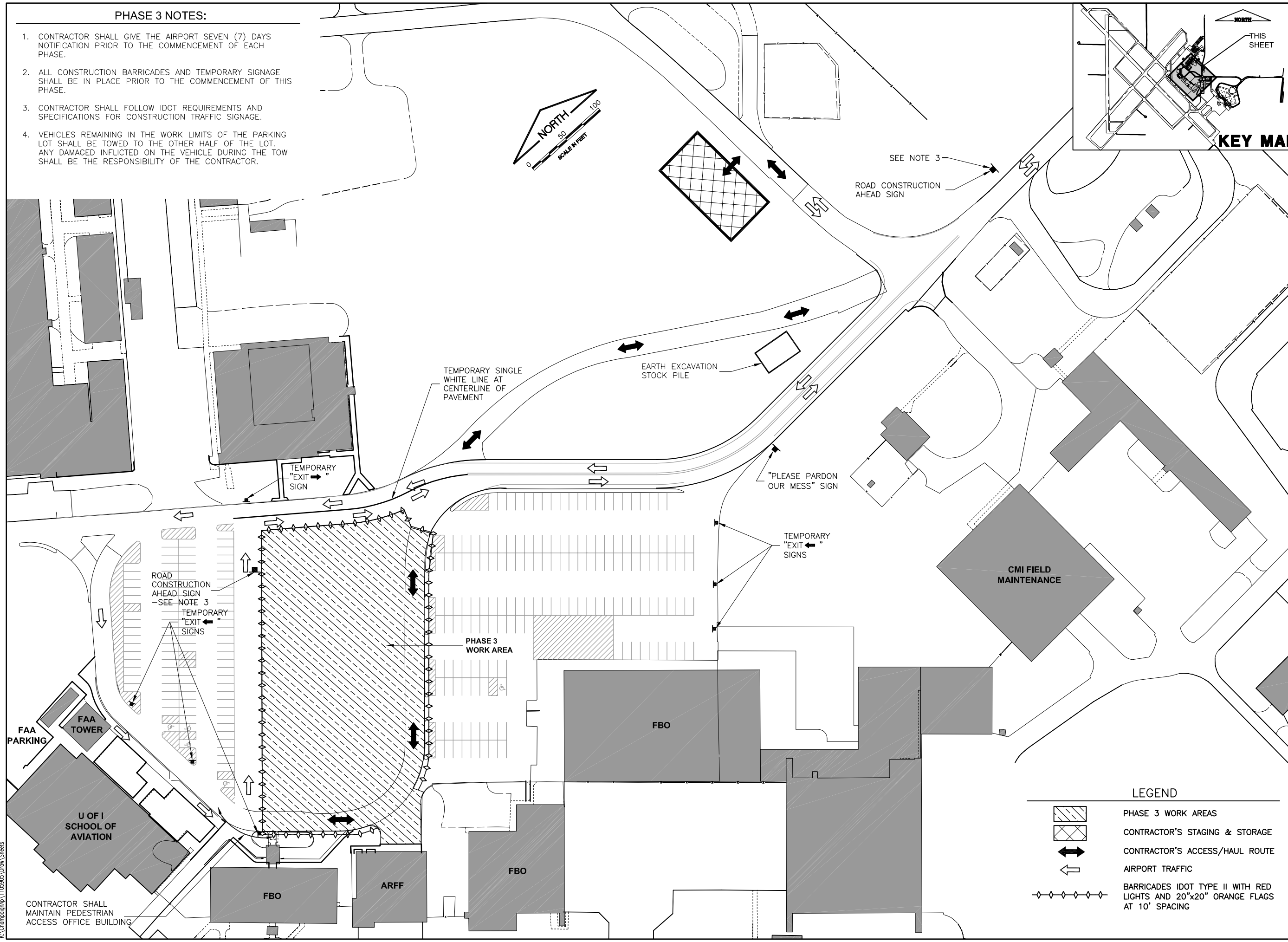
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**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CONSTRUCTION ACTIVITY PLAN
 PHASE 3**

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LEGEND

	PHASE 3 WORK AREAS
	CONTRACTOR'S STAGING & STORAGE
	CONTRACTOR'S ACCESS/HAUL ROUTE
	AIRPORT TRAFFIC
	BARRICADES IDOT TYPE II WITH RED LIGHTS AND 20"x20" ORANGE FLAGS AT 10' SPACING

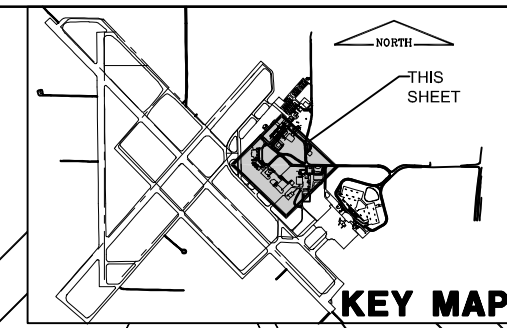
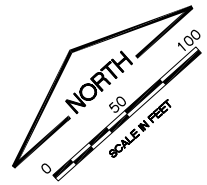
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SHEET	07 OF 38 SHEETS

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CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS OFFICE BUILDING

PHASE 4 NOTES:

1. CONTRACTOR SHALL GIVE THE AIRPORT SEVEN (7) DAYS NOTIFICATION PRIOR TO THE COMMENCEMENT OF EACH PHASE.
2. ALL CONSTRUCTION BARRICADES AND TEMPORARY SIGNAGE SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF THIS PHASE.
3. CONTRACTOR SHALL FOLLOW IDOT REQUIREMENTS AND SPECIFICATIONS FOR CONSTRUCTION TRAFFIC SIGNAGE.
4. VEHICLES REMAINING IN THE WORK LIMITS OF THE PARKING LOT SHALL BE TOWED TO THE OTHER HALF OF THE LOT. ANY DAMAGED INFLECTED ON THE VEHICLE DURING THE TOW SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR..



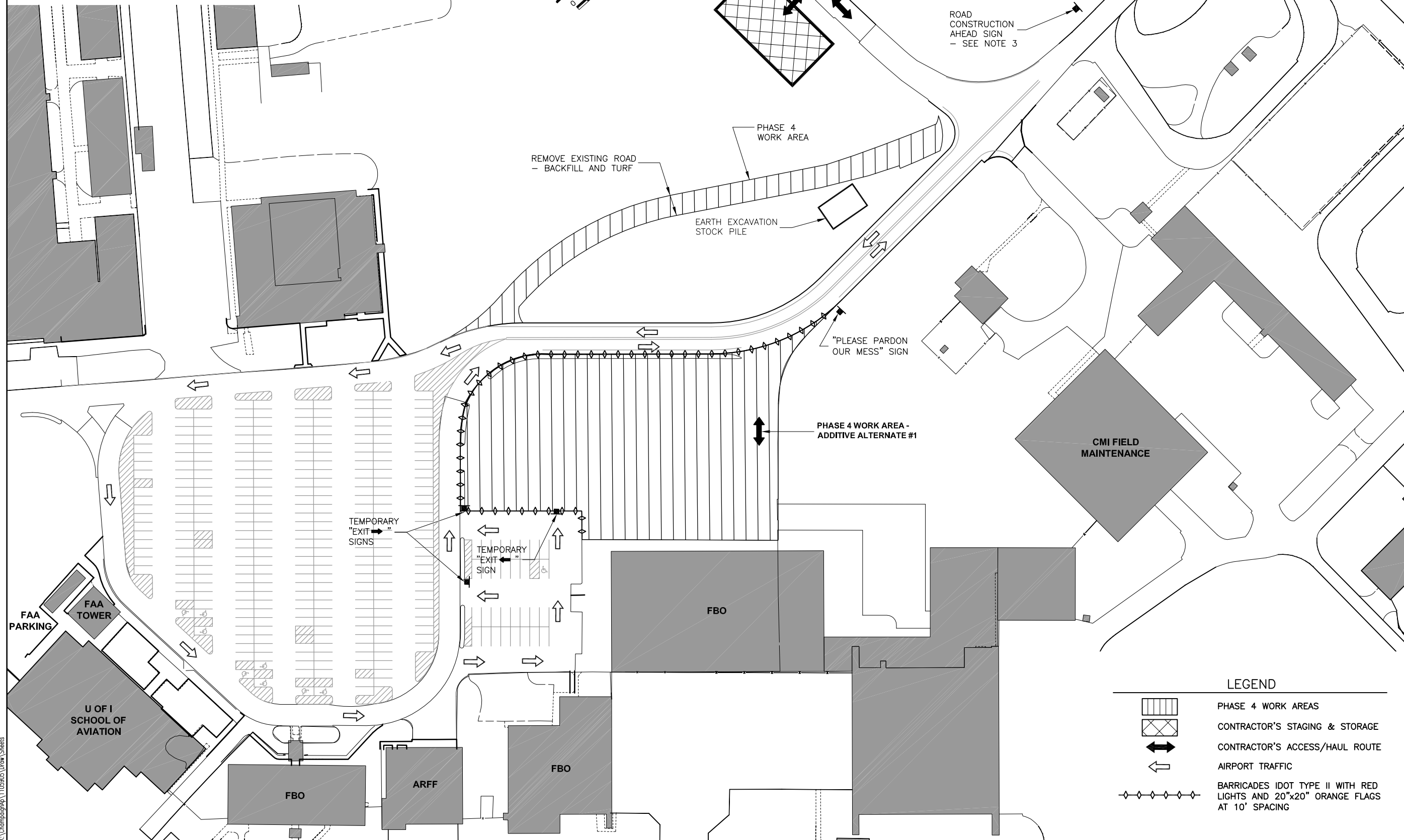
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 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:21 PM

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RELOCATE ENTRANCE ROADWAY &
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 CONSTRUCTION ACTIVITY PLAN
 PHASE 4

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SHEET 08 OF 38 SHEETS

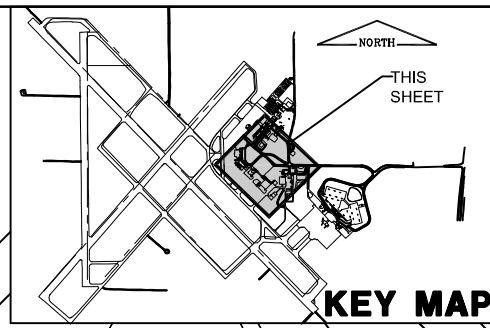
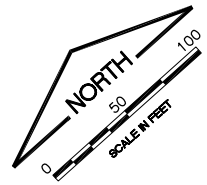
LEGEND

	PHASE 4 WORK AREAS
	CONTRACTOR'S STAGING & STORAGE
	CONTRACTOR'S ACCESS/HAUL ROUTE
	AIRPORT TRAFFIC
	BARRICADES IDOT TYPE II WITH RED LIGHTS AND 20"x20" ORANGE FLAGS AT 10' SPACING

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PHASE 5 NOTES:

1. CONTRACTOR SHALL GIVE THE AIRPORT SEVEN (7) DAYS NOTIFICATION PRIOR TO THE COMMENCEMENT OF EACH PHASE.
2. ALL CONSTRUCTION BARRICADES AND TEMPORARY SIGNAGE SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF THIS PHASE.
3. CONTRACTOR SHALL FOLLOW IDOT REQUIREMENTS AND SPECIFICATIONS FOR CONSTRUCTION TRAFFIC SIGNAGE.
4. VEHICLES REMAINING IN THE WORK LIMITS OF THE PARKING LOT SHALL BE TOWED TO THE OTHER HALF OF THE LOT. ANY DAMAGED INFLECTED ON THE VEHICLE DURING THE TOW SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

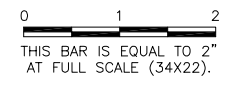
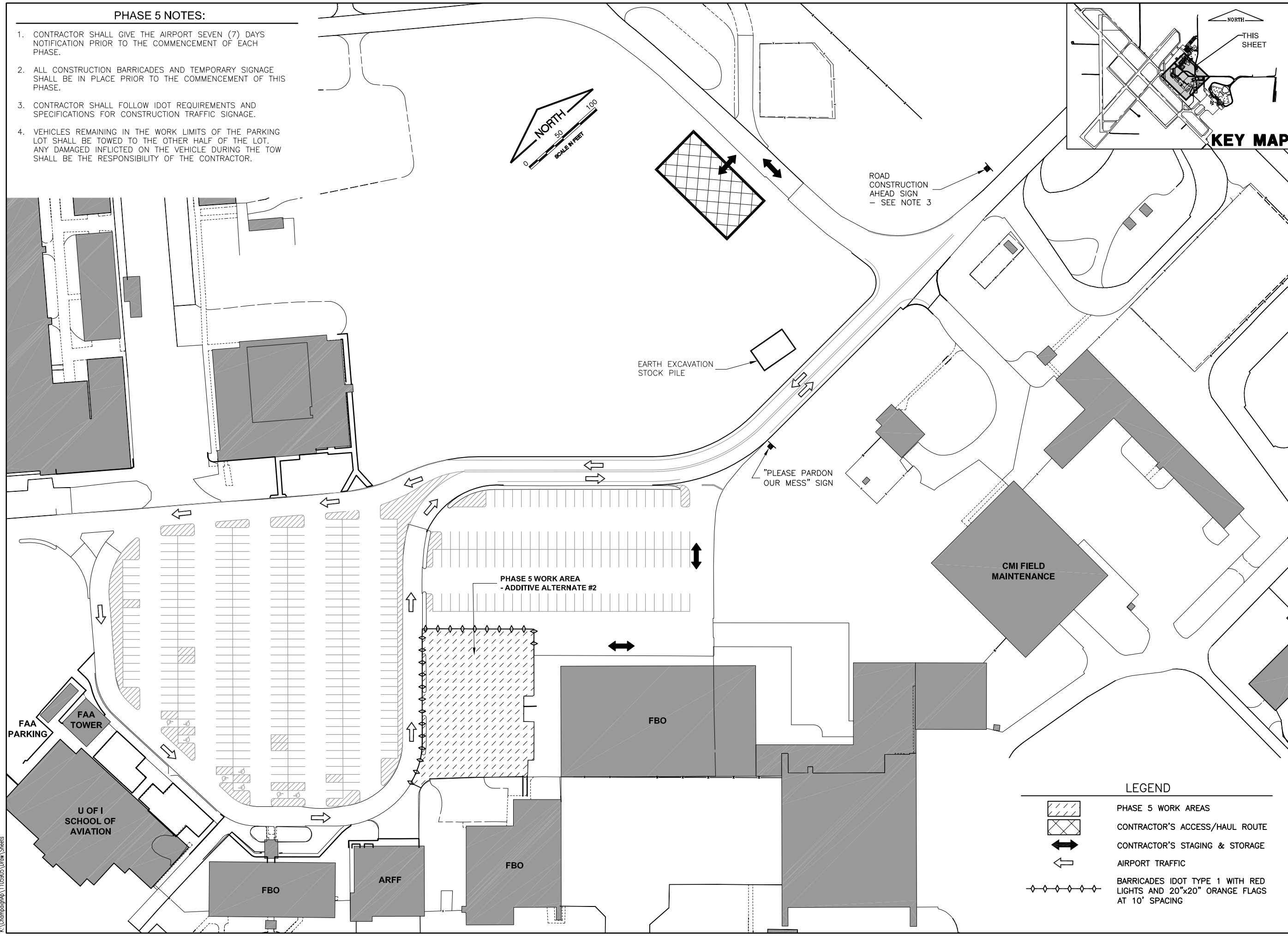


FILE: CONST ACTIVITY PLAN PH 5.dwg
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




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**RELOCATE ENTRANCE ROADWAY &
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 CONSTRUCTION ACTIVITY PLAN
 PHASE 5**

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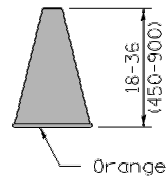
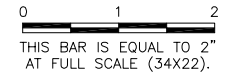
	PHASE 5 WORK AREAS
	CONTRACTOR'S ACCESS/HAUL ROUTE
	CONTRACTOR'S STAGING & STORAGE
	AIRPORT TRAFFIC
	BARRICADES IDOT TYPE 1 WITH RED LIGHTS AND 20"x20" ORANGE FLAGS AT 10' SPACING

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DATE:	4/19/2013
JOB No:	11059-05-00
IL. PROJ. NO. CMI-4269	
SHEET 09 OF 38 SHEETS	

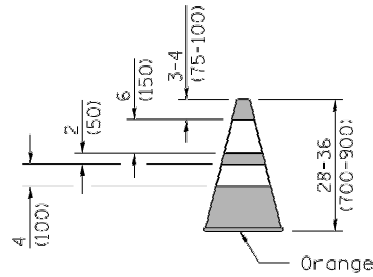
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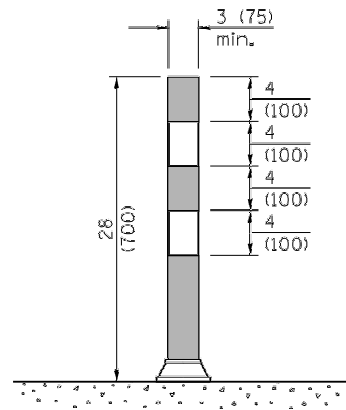
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NUMBER	BY	DATE



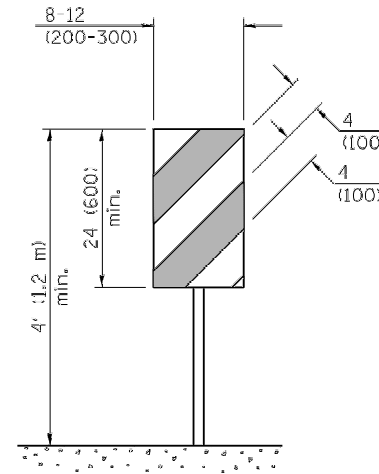
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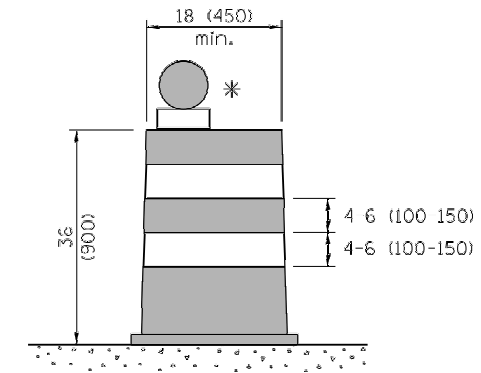
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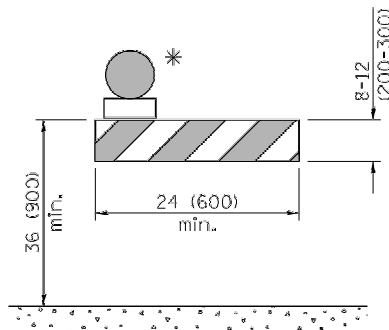
FLEXIBLE DELINEATOR



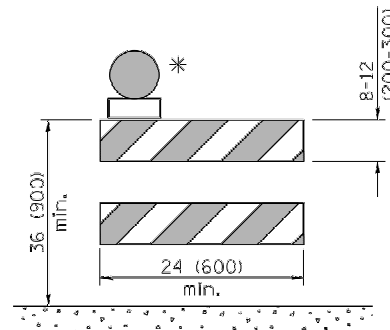
**VERTICAL PANEL
POST MOUNTED**



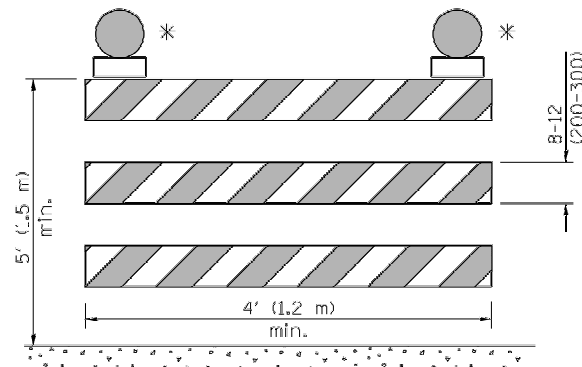
DRUM



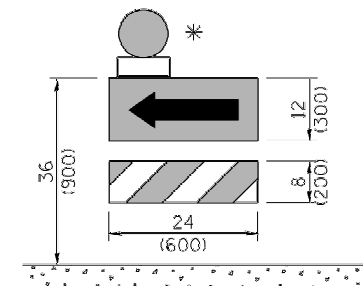
TYPE I BARRICADE



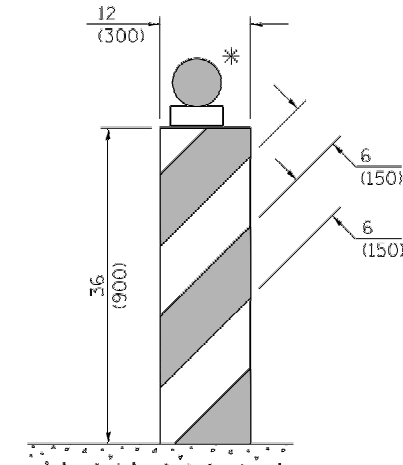
TYPE II BARRICADE



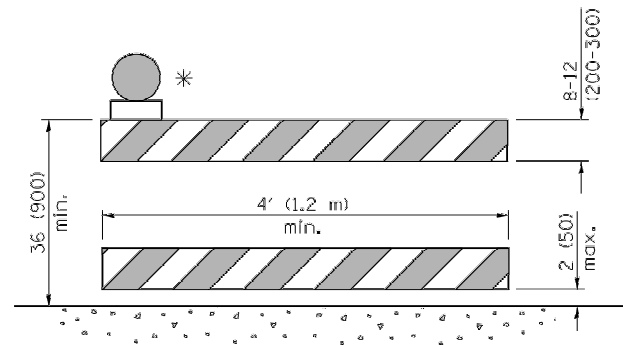
TYPE III BARRICADE



**DIRECTION INDICATOR
BARRICADE**



VERTICAL BARRICADE



**DETECTABLE PEDESTRIAN
CHANNELIZING BARRICADE**

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-12	Added DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE.
1-1-09	Switched units to English (metric). Omitted light on vertical panel.

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-02

UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CONSTRUCTION ACTIVITY PLAN
 DETAILS 1

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SHEET	10 OF 38 SHEETS

Illinois Department of Transportation

APPROVED January 1, 2012
Dustin Mann
 ENGINEER OF OPERATIONS

APPROVED January 1, 2012
Scott Schick
 ENGINEER OF DESIGN AND ENVIRONMENT

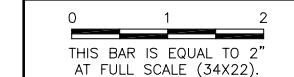
ISSUED 1-1-12

GENERAL CONSTRUCTION ACTIVITY NOTES

1. THE AIRPORT MANAGER SHALL HAVE COMPLETE JURISDICTION OVER THE MAINTENANCE OF TRAFFIC AND CONSTRUCTION SEQUENCES AS OUTLINED IN THE CONTRACT SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF SEVEN (7) DAYS NOTICE PRIOR TO INITIATING WORK IN ANY PHASE OF THE CONTRACT.
3. THE CONTRACTOR SHALL PROVIDE THE TEMPORARY SIGNS AND BARRICADES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED PART OF THE TRAFFIC MAINTENANCE ITEM AND SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT.
4. THE CONTRACTOR SHALL KEEP ALL ACTIVE ROADWAYS AND PAVEMENT AREAS CLEAR OF ALL MUD, DEBRIS OR ANY OTHER MATERIAL BY USE OF POWER BROOM, PUSH BROOM, OR BLOWER.
5. THE CONTRACTOR SHALL TAKE ANY STEPS NECESSARY TO ENSURE THE WORK AREAS ARE CLEAR OF ALL TRASH AND OTHER DEBRIS. THE CLEANLINESS OF THE JOB SITE WILL BE STRICTLY ENFORCED. IF THE ENGINEER OR AIRPORT DETERMINE THE JOBSITE TO BE UNSATISFACTORILY CLEANED, THE ENGINEER RESERVES THE RIGHT TO SUSPEND ALL ACTIVITY UNTIL THE CONDITIONS ARE RETURNED TO AN ACCEPTABLE STATE.
6. THE CONTRACTOR SHALL USE CARE WHEN WORKING IN THE VICINITY OF THE ACTIVE PARKING LOT. ANY DAMAGE DONE TO VEHICLES PARKED IN ACTIVE PARKING SPACES SHALL BE CONSIDERED THE FAULT OF THE CONTRACTOR AND THE CONTRACTOR SHALL BE LIABLE FOR ANY REPAIR CHARGES NECESSARY. THE CONTRACTOR SHALL MAKE ANY ADDITIONAL MEASURES, SUCH AS SIGNS, FENCES, ETC., THAT THEY FEEL IS NECESSARY TO PROTECT THE VEHICLES AND THE GENERAL PUBLIC. THESE MEASURES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
7. THE CONTRACTOR SHALL ONLY STORE MATERIALS AND EQUIPMENT IN THE STAGING AREA SHOWN ON THE PLANS.
8. THE CONTRACTOR'S PERSONNEL MAY ONLY PARK IN THE DESIGNATED AREAS AS SHOWN. THE CONTRACTOR'S PERSONNEL WILL NOT BE ALLOWED TO PARK IN THE SPACES RESERVED FOR THE GENERAL PUBLIC.
9. THE CONTRACTOR SHALL NOT BE ALLOWED TO START EACH PHASE WITHOUT THE APPROVAL OF THE AIRPORT DIRECTOR IF HE IS BEHIND HIS ORIGINAL SCHEDULE.

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NUMBER	BY	DATE

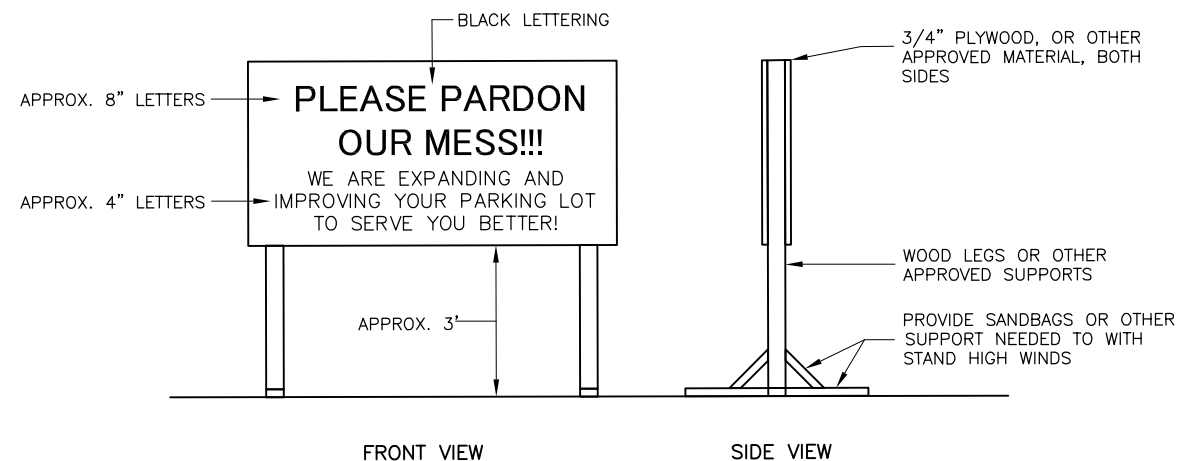


**UNIVERSITY OF ILLINOIS
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**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CONSTRUCTION ACTIVITY PLAN
 DETAILS 2**

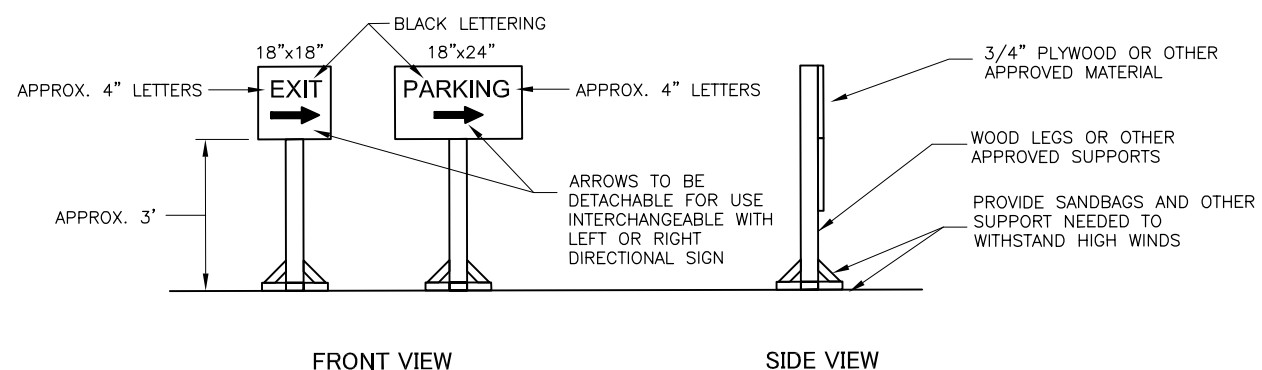
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TEMPORARY SIGN NOTES

1. SIGN SHALL BE 4' X 8' X 3/4" PLYWOOD OR OTHER APPROVED MATERIAL.
2. CONTRACTOR SHALL PROVIDE 1 SINGLE SIDED SIGNS TO BE INSTALLED AT THE ENTRANCE OF THE PARKING LOT/CONSTRUCTION AREA.

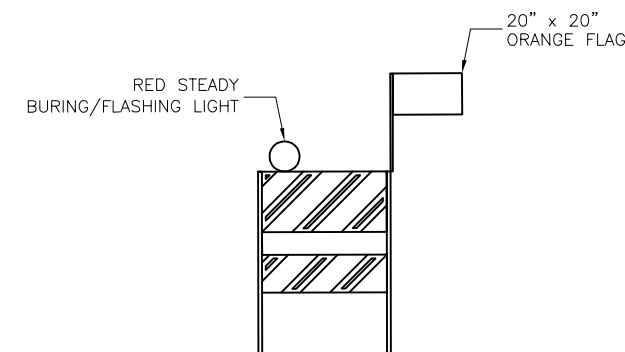


TEMPORARY SIGN NOTES

1. "EXIT" SIGNS SHALL BE 18" X 18" X 3/4" PLYWOOD OR OTHER APPROVED MATERIAL.
2. "PARKING" SIGNS SHALL BE 18" X 24" X 3/4" PLYWOOD OR OTHER APPROVED MATERIAL.
3. "EXIT" OR "PARKING" SIGNS SHALL BE PLACED AT LOCATIONS DESIGNATED BY THE RESIDENT ENGINEER FOR EACH PHASE.
4. THE CONTRACTOR SHALL PROVIDE 10 "EXIT" SIGNS AND 5 "PARKING" SIGNS.
5. SIGNS WILL EITHER HAVE A RIGHT, LEFT, OR UP ARROW. THE RESIDENT ENGINEER SHALL DETERMINE HOW MANY OF EACH DIRECTION ARE NEEDED PRIOR TO EACH PHASE. THE ARROWS ARE TO BE REMOVABLE SO EACH SIGN IS CAPABLE OF POINTING LEFT OR RIGHT AS NEEDED. SIGNS WILL ONLY BE PAID FOR ONCE. SWITCHING DIRECTIONS AND/OR MOVING SIGNS SHALL NOT BE CONSIDERED FOR PAYMENT.
6. SIGNS MAY BE MOUNTED ON BARRICADES PROVIDED THAT THEY ARE MOUNTED IN A MANNER TO PREVENT THEM FROM BLOWING OVER AND BECOMING DAMAGED OR UNUSABLE.

TEMPORARY SIGN DETAIL

N.T.S.



FLASHER BARRICADE DETAIL

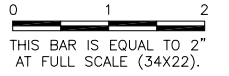
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FLASHER BARRICADE NOTES

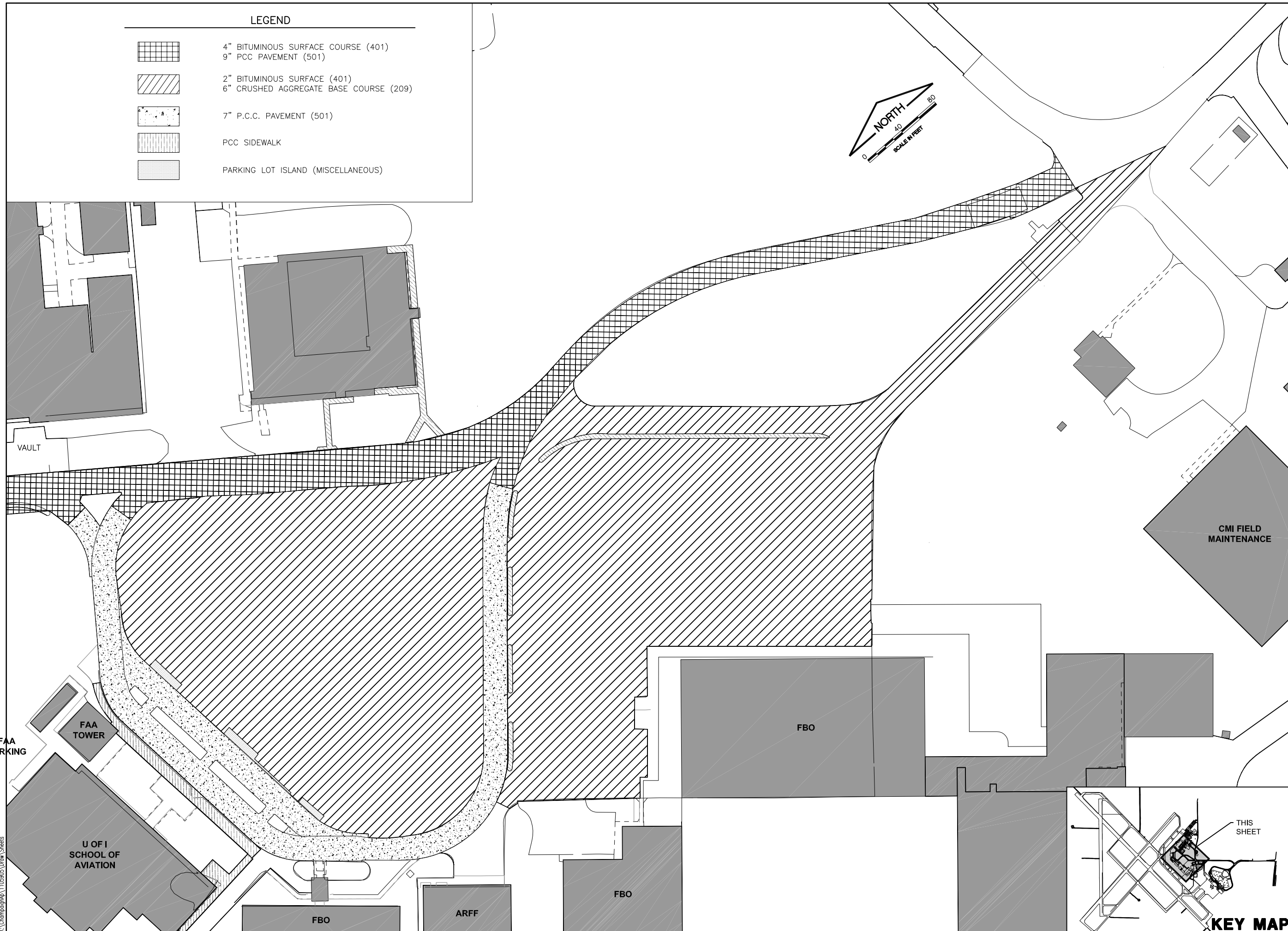
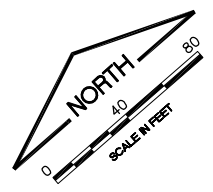
1. LIGHT TO BE BATTERY OPERATED. LENS TO BE RED, BI-DIRECTIONAL, AND BE ABLE TO ROTATE 90 DEGREES.
2. SANDBAGS TO BE PLACED ON EACH SUPPORT BRACE AS REQUIRED TO PREVENT DISPLACEMENT BY WIND, JET OR PROP BLAST.
3. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS TO BE CONSIDERED INCIDENTAL TO THE PROJECT.
4. PLACE AT MAXIMUM 10' INTERVALS.

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NUMBER	BY	DATE



LEGEND	
	4" BITUMINOUS SURFACE COURSE (401) 9" PCC PAVEMENT (501)
	2" BITUMINOUS SURFACE (401) 6" CRUSHED AGGREGATE BASE COURSE (209)
	7" P.C.C. PAVEMENT (501)
	PCC SIDEWALK
	PARKING LOT ISLAND (MISCELLANEOUS)



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WILLARD AIRPORT
SAVOY, ILLINOIS

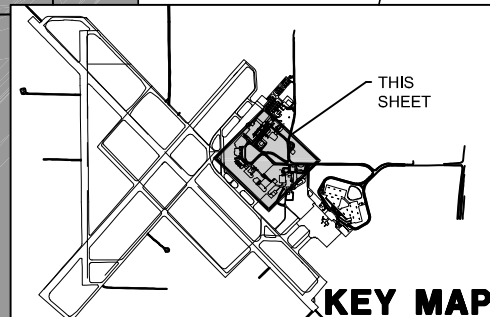
RELOCATE ENTRANCE ROADWAY &
REHABILITATE OLD TERMINAL PARKING LOT
EXISTING PAVEMENT STRUCTURE

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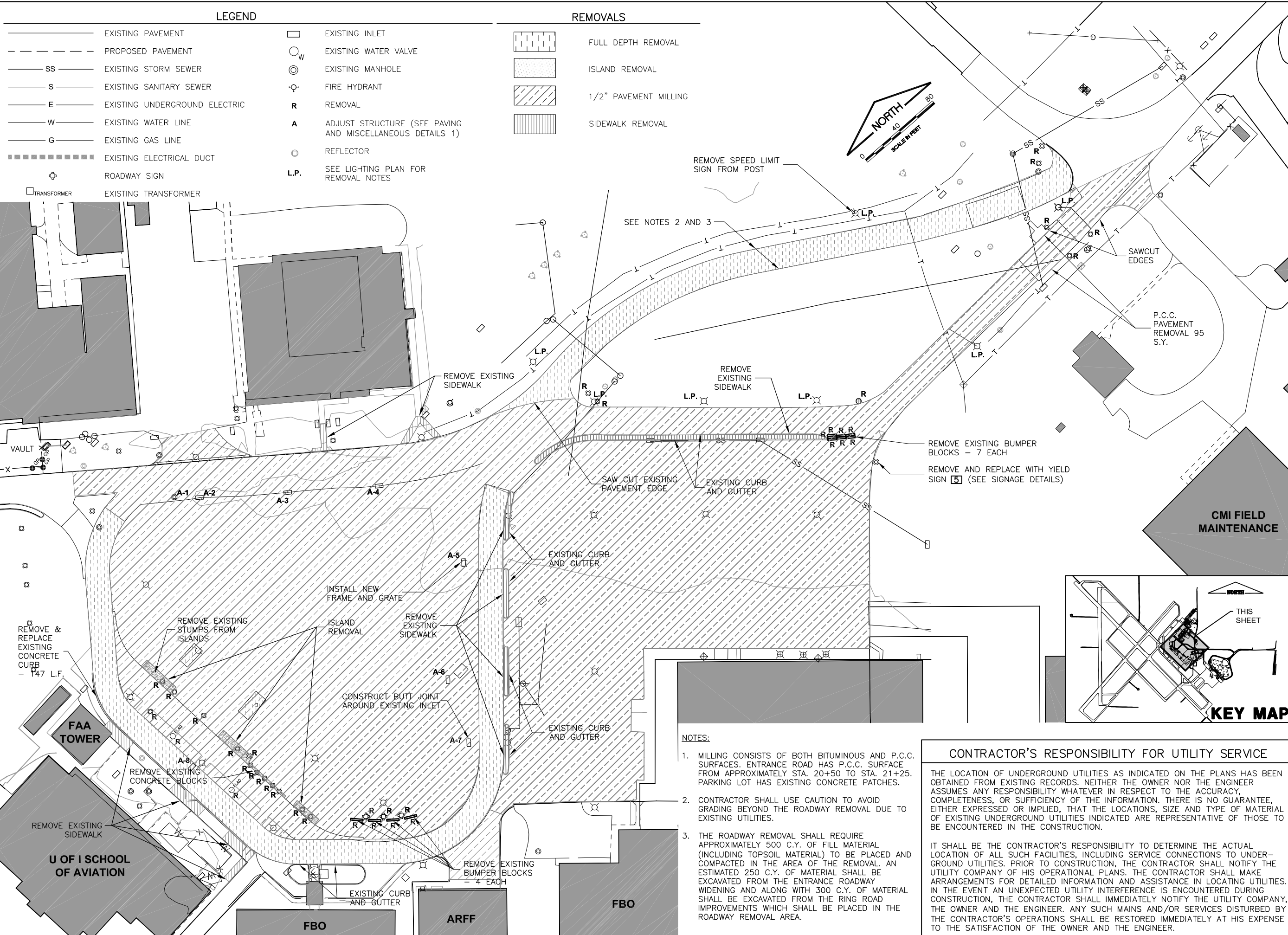
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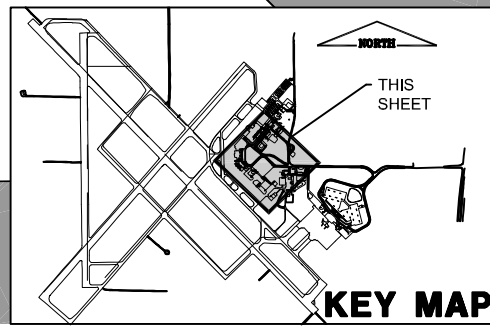
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0 1 2
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AT FULL SCALE (34X22).



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**RELOCATE ENTRANCE ROADWAY &
REHABILITATE OLD TERMINAL PARKING LOT
EXISTING CONDITIONS &
REMOVALS**



- NOTES:**
- MILLING CONSISTS OF BOTH BITUMINOUS AND P.C.C. SURFACES. ENTRANCE ROAD HAS P.C.C. SURFACE FROM APPROXIMATELY STA. 20+50 TO STA. 21+25. PARKING LOT HAS EXISTING CONCRETE PATCHES.
 - CONTRACTOR SHALL USE CAUTION TO AVOID GRADING BEYOND THE ROADWAY REMOVAL DUE TO EXISTING UTILITIES.
 - THE ROADWAY REMOVAL SHALL REQUIRE APPROXIMATELY 500 C.Y. OF FILL MATERIAL (INCLUDING TOPSOIL MATERIAL) TO BE PLACED AND COMPACTED IN THE AREA OF THE REMOVAL. AN ESTIMATED 250 C.Y. OF MATERIAL SHALL BE EXCAVATED FROM THE ENTRANCE ROADWAY WIDENING AND ALONG WITH 300 C.Y. OF MATERIAL SHALL BE EXCAVATED FROM THE RING ROAD IMPROVEMENTS WHICH SHALL BE PLACED IN THE ROADWAY REMOVAL AREA.

CONTRACTOR'S RESPONSIBILITY FOR UTILITY SERVICE

THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER 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 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 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 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

—	EXISTING PAVEMENT	□	EXISTING INLET
- - -	PROPOSED PAVEMENT	○	EXISTING WATER VALVE
SS	EXISTING STORM SEWER	⊙	EXISTING MANHOLE
S	EXISTING SANITARY SEWER	⊕	FIRE HYDRANT
E	EXISTING UNDERGROUND ELECTRIC	R	REMOVAL
W	EXISTING WATER LINE	A	ADJUST STRUCTURE (SEE PAVING AND MISCELLANEOUS DETAILS 1)
G	EXISTING GAS LINE	○	REFLECTOR
-----	EXISTING ELECTRICAL DUCT	L.P.	SEE LIGHTING PLAN FOR REMOVAL NOTES
⊕	ROADWAY SIGN		
□	EXISTING TRANSFORMER		

REMOVALS

[Pattern]	FULL DEPTH REMOVAL
[Pattern]	ISLAND REMOVAL
[Pattern]	1/2" PAVEMENT MILLING
[Pattern]	SIDEWALK REMOVAL

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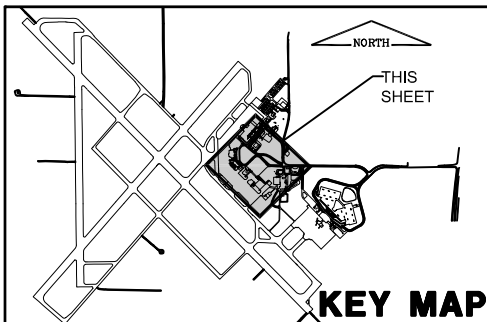
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SHEET 13 OF 38 SHEETS

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LEGEND

— NEW PAVEMENT

— EXISTING PAVEMENT

● #X SURVEY CONTROL POINT



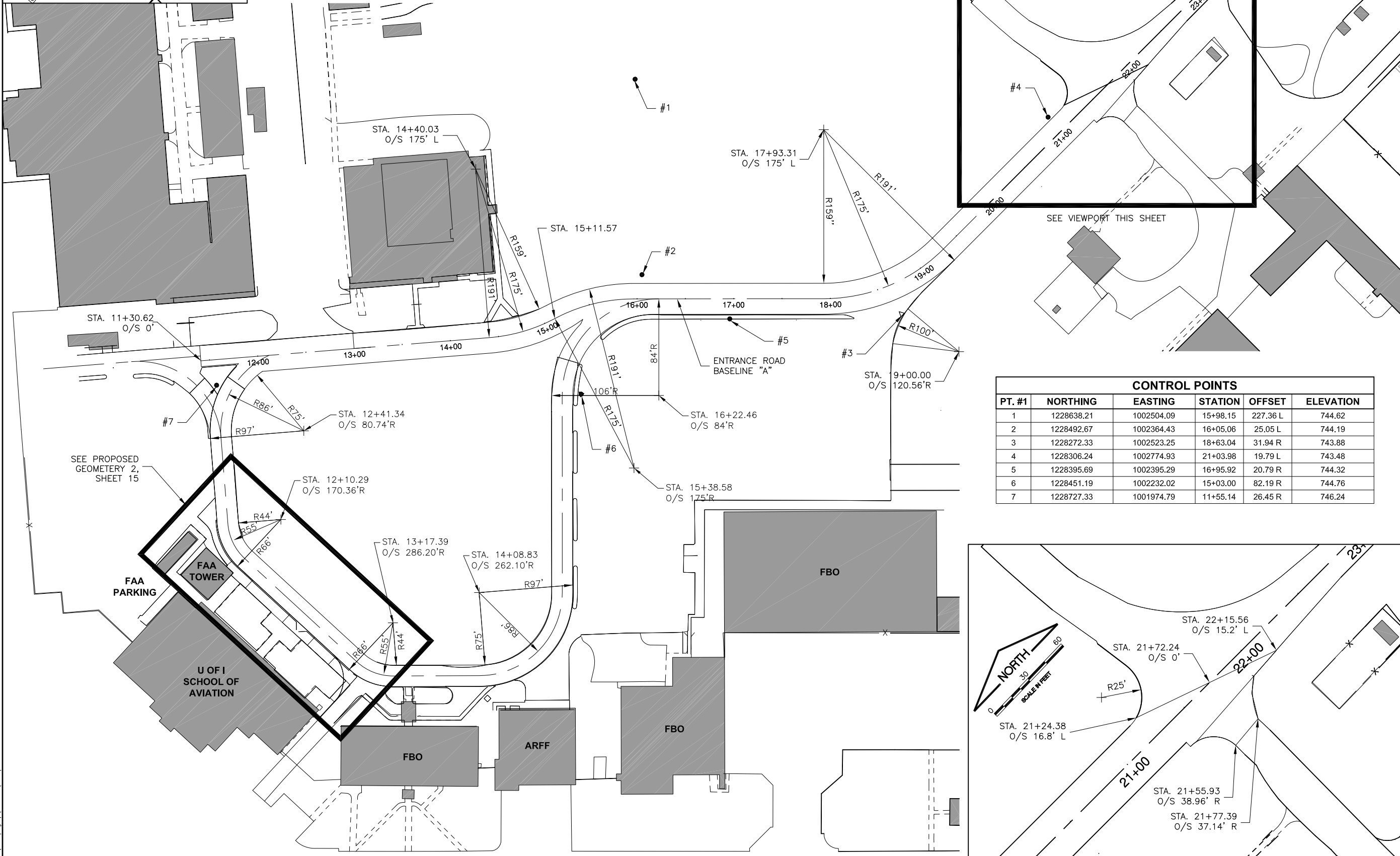
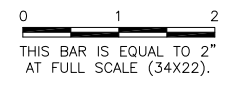
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 UPDATE BY: Kristy Brod
 PLOT DATE: 5/3/2013 12:40 PM

Coolly
 CML UTILITIES
 CMI TOWER TOPO
 KEYMAP
 CMI EP SVY
 BASE_PROP_GEO
 BASE_PROP_GEO

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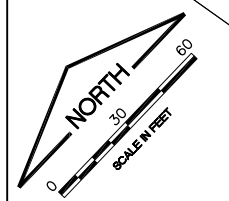
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CONTROL POINTS

PT. #1	NORTHING	EASTING	STATION	OFFSET	ELEVATION
1	1228638.21	1002504.09	15+98.15	227.36 L	744.62
2	1228492.67	1002364.43	16+05.06	25.05 L	744.19
3	1228272.33	1002523.25	18+63.04	31.94 R	743.88
4	1228306.24	1002774.93	21+03.98	19.79 L	743.48
5	1228395.69	1002395.29	16+95.92	20.79 R	744.32
6	1228451.19	1002232.02	15+03.00	82.19 R	744.76
7	1228727.33	1001974.79	11+55.14	26.45 R	746.24



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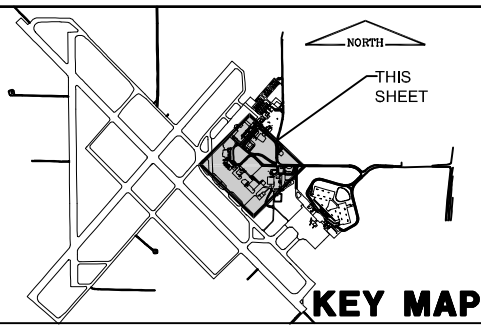
**RELOCATE ENTRANCE ROADWAY &
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PROPOSED GEOMETRY 1

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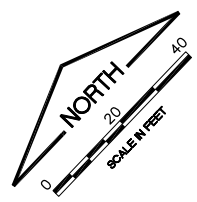
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SHEET	14 OF 38 SHEETS



LEGEND

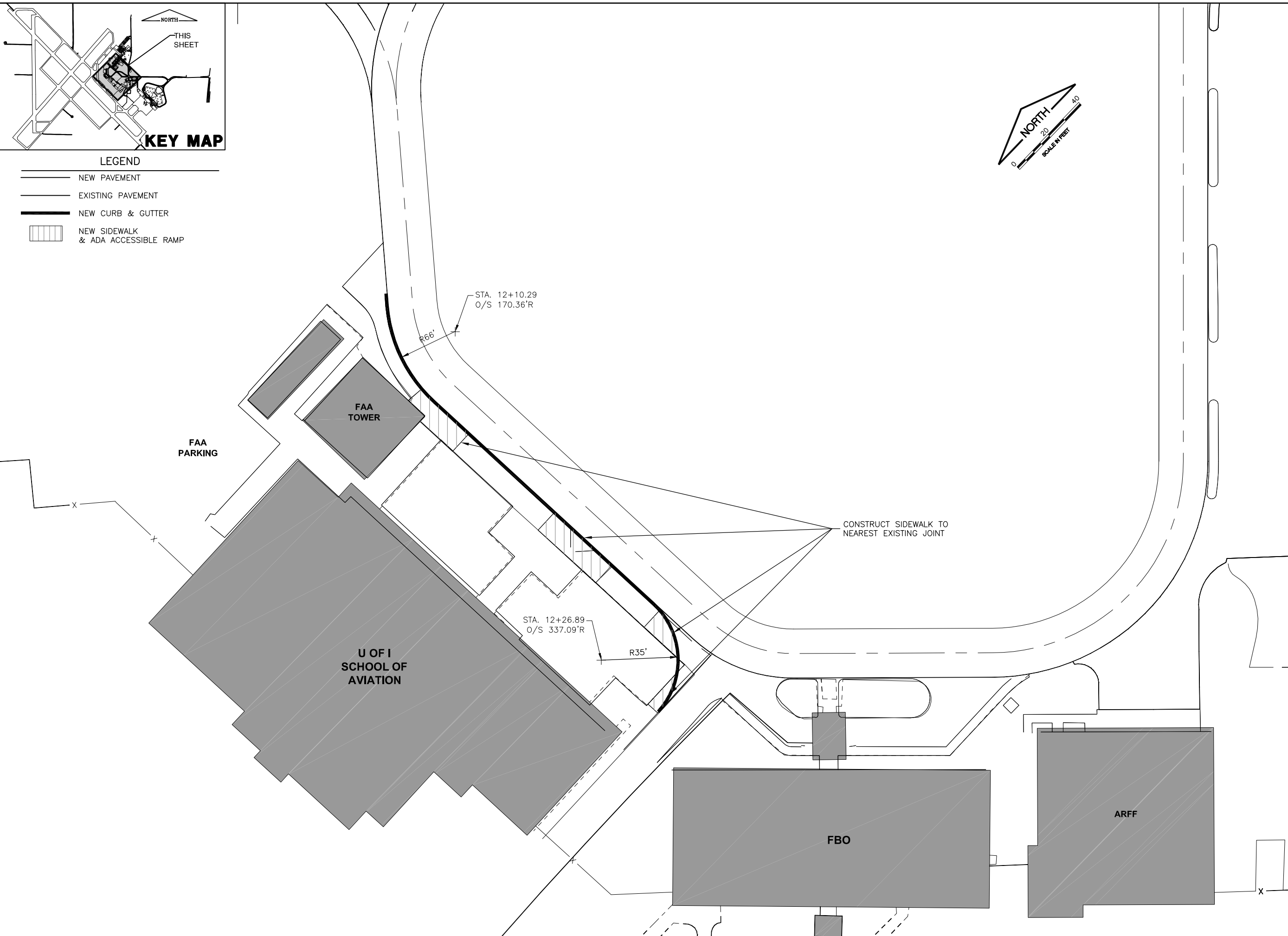
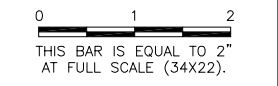
- NEW PAVEMENT
- EXISTING PAVEMENT
- NEW CURB & GUTTER
- NEW SIDEWALK & ADA ACCESSIBLE RAMP



FILE: PROPOSED GEOMETRY 2.dwg
 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:22 PM

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 CMI UTILITIES
 CMI TOWER TOPO
 KEYMAP
 CMI EP SVY
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 BASE_PROP-GEO
 BASE_PROP_GEO
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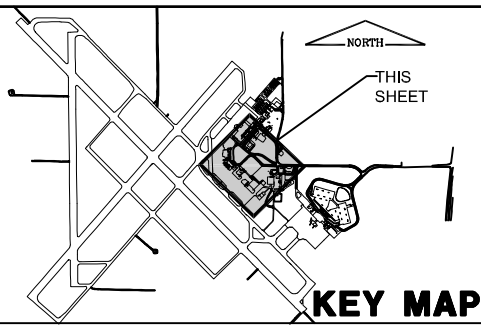
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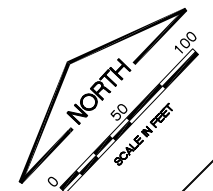
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LEGENDS

	NEW 2" BITUMINOUS SURFACE COURSE
	NEW 2" BITUMINOUS BASE COURSE
	NEW 8" CRUSHED AGGREGATE BASE COURSE
	NEW 2" & VARIABLE BITUMINOUS SURFACE COURSE
	NEW 1-1/2" & VARIABLE BITUMINOUS SURFACE COURSE
	NEW 1" & VARIABLE BITUMINOUS LEVELING COURSE
	REMOVE ISLAND
	NEW 1-1/2" & VARIABLE BITUMINOUS SURFACE COURSE
	NEW 1" & VARIABLE BITUMINOUS LEVELING COURSE
	NEW 2" BITUMINOUS BASE COURSE
	NEW 8" CRUSHED AGGREGATE BASE COURSE
	FULL DEPTH BITUMINOUS REPAIR (SEE TYPICAL SECTIONS 2, SHEET 18)
	NEW 4" P.C.C. SIDEWALK
	NEW BUTT JOINT
	BITUMINOUS CRACK REPAIR (SEE TYPICAL SECTIONS 2, SHEET 18)



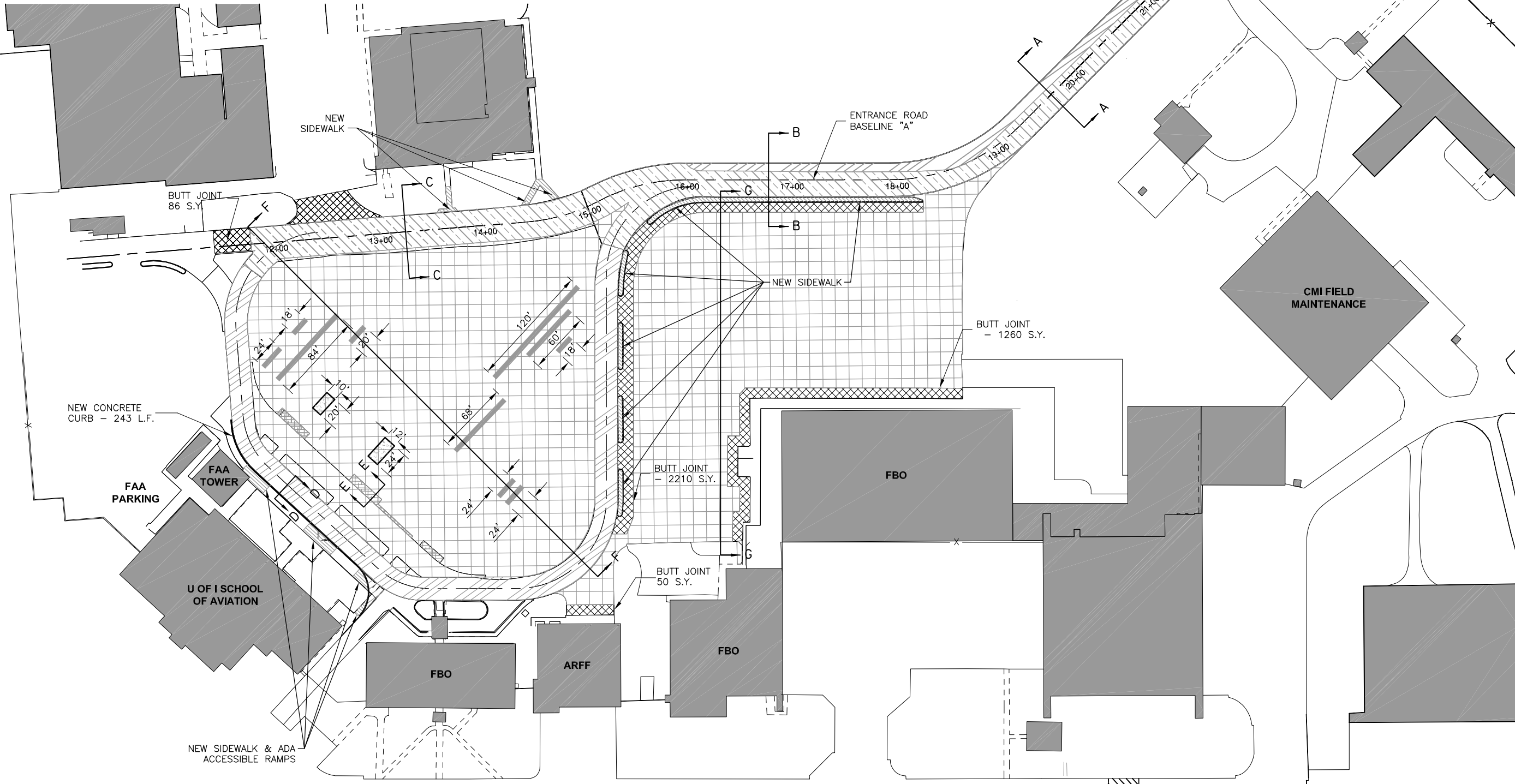
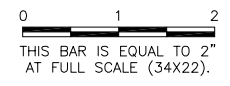
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 PLOT DATE: 5/3/2013 12:22 PM

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 CMI TOWER TOPO
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**RELOCATE ENTRANCE ROADWAY &
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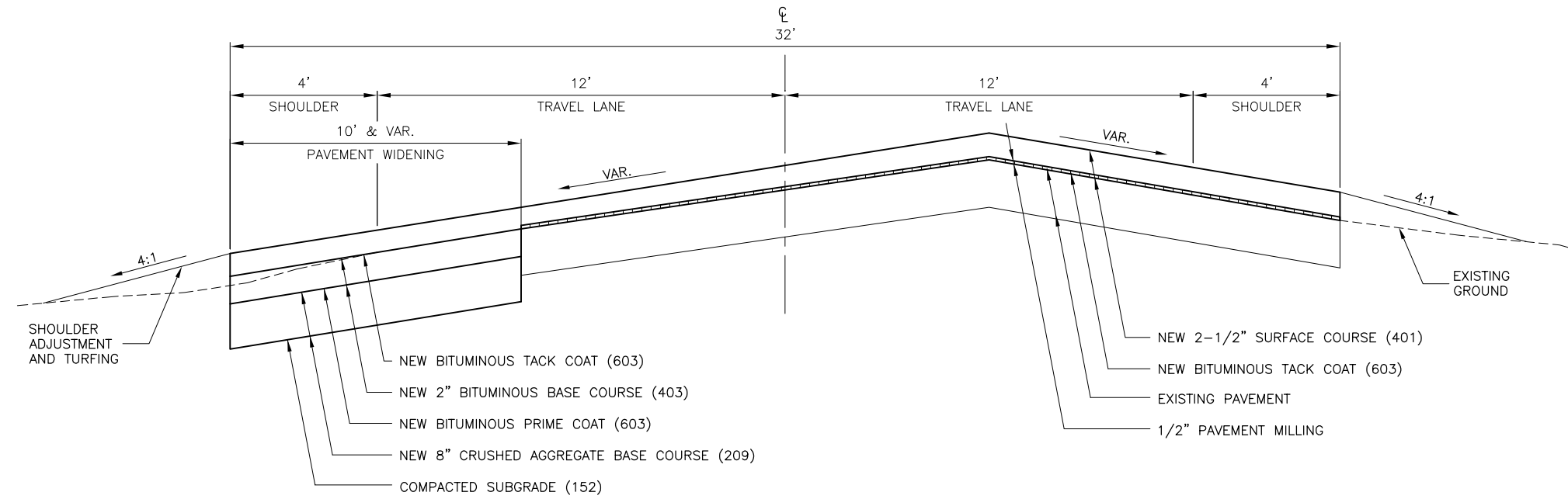
SHEET 16 OF 38 SHEETS

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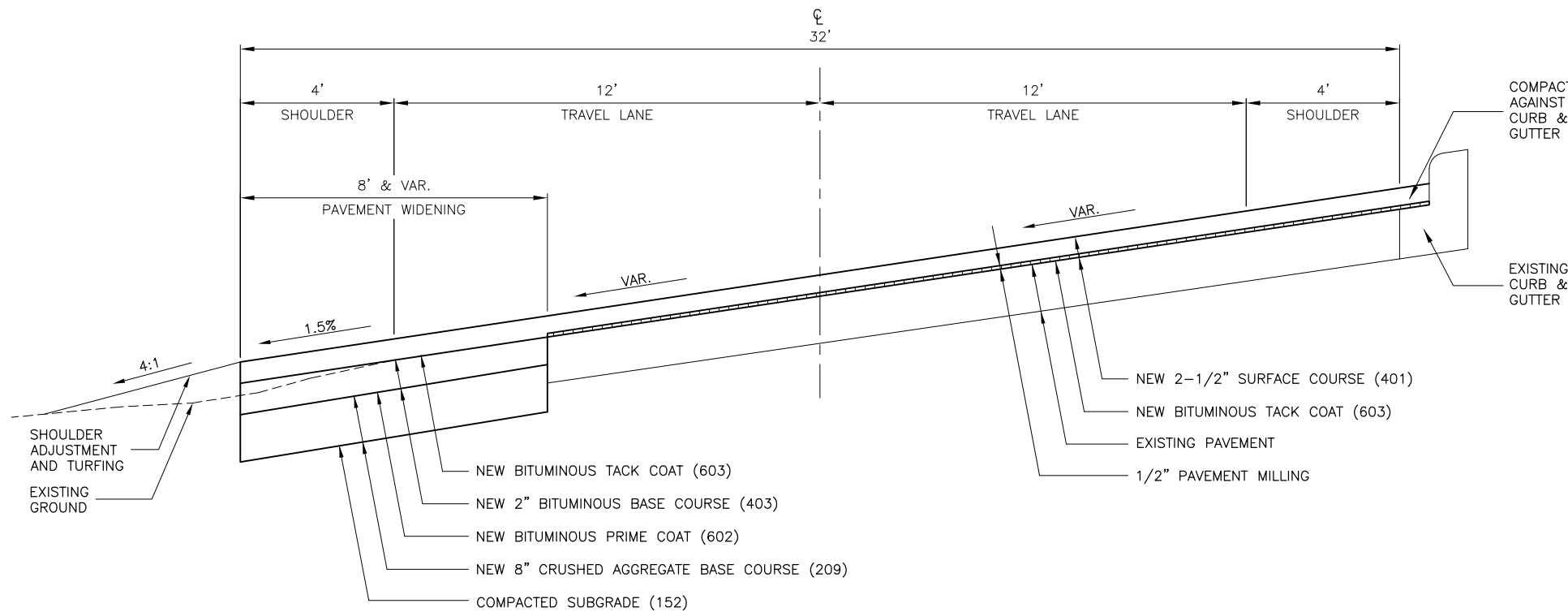
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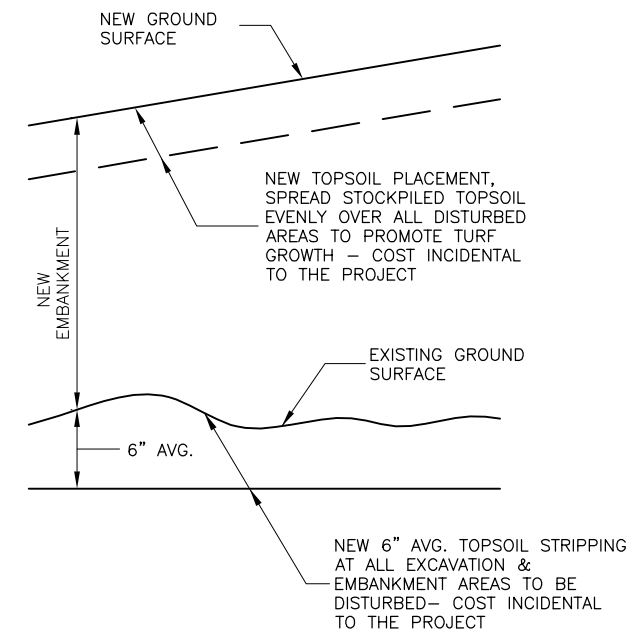
0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).



TYPICAL SECTION A-A
 ENTRANCE ROAD WIDENING AND OVERLAY CROWN SECTION
 12' DRIVING LANE W/ 4' PAVED SHOULDER
 N.T.S.



TYPICAL SECTION B-B
 ENTRANCE ROAD WIDENING AND OVERLAY STRAIGHT
 GRADE W/ HIGHSIDE EXISTING CURB & GUTTER
 12' DRIVING LANE W/ 4' PAVED SHOULDER
 N.T.S.



TOPSOIL STRIPPING DETAIL
 N.T.S.

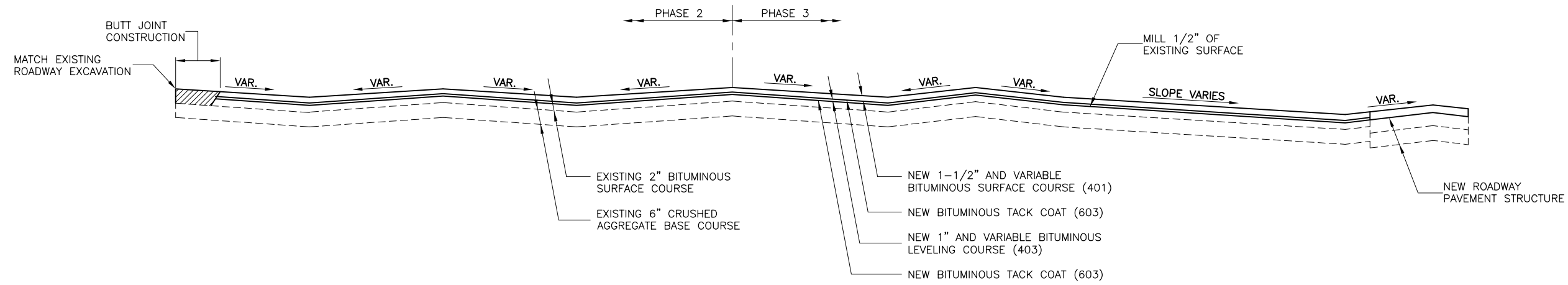
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RELOCATE ENTRANCE ROADWAY &
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TYPICAL SECTIONS 1

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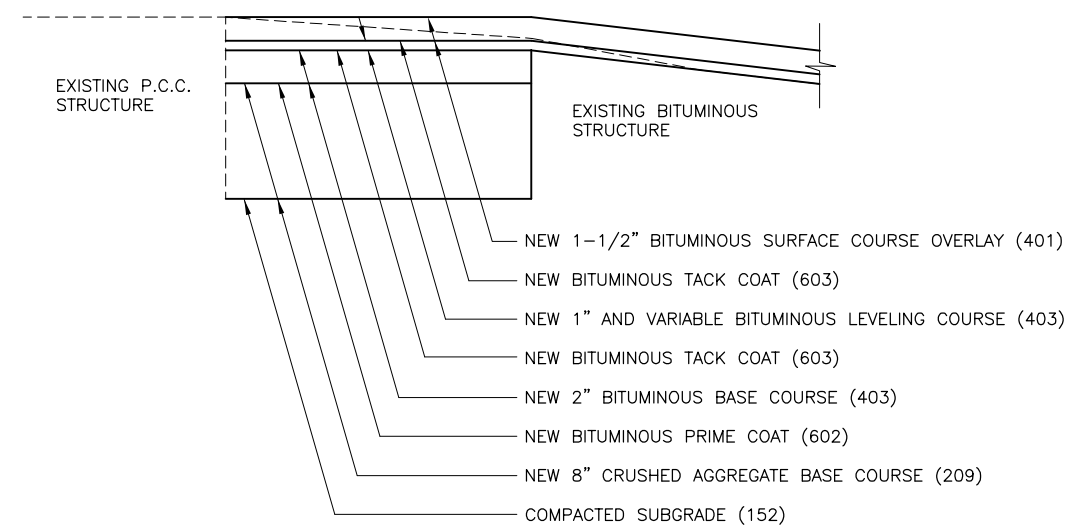
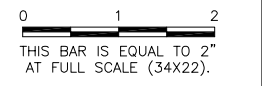
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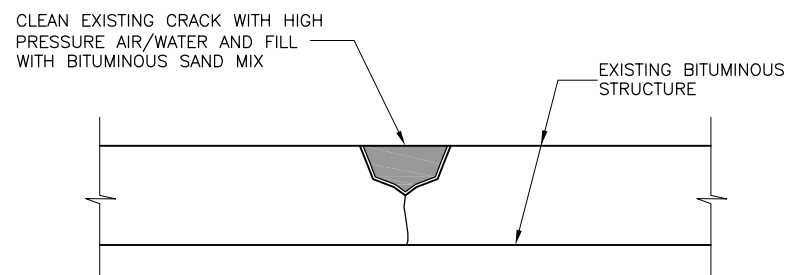
PARKING LOT TYPICAL SECTION F-F
 N.T.S.

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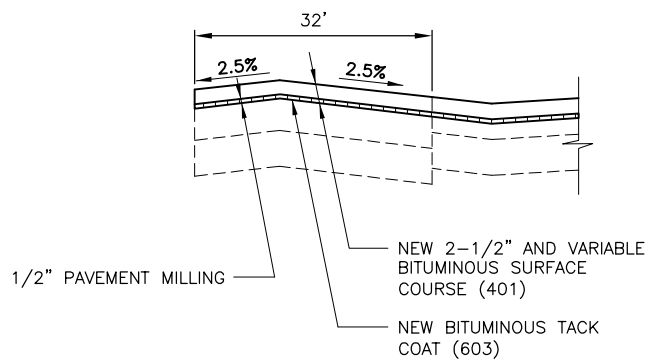
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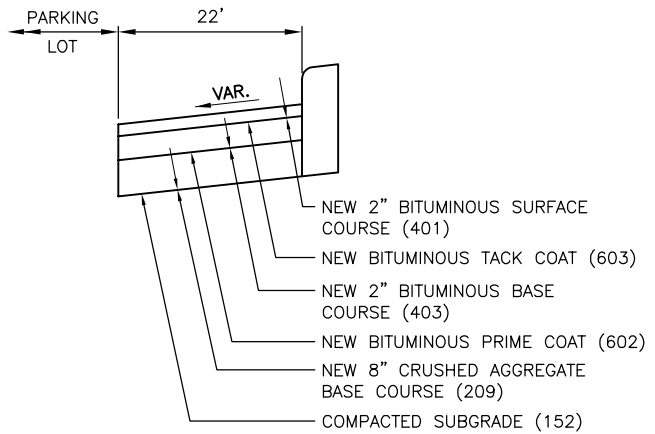
TYPICAL SECTION E-E
 ISLAND REMOVAL AND PAVEMENT STRUCTURE
 REPLACEMENT ALONG WEST EDGE OF PARKING LOT
 N.T.S.



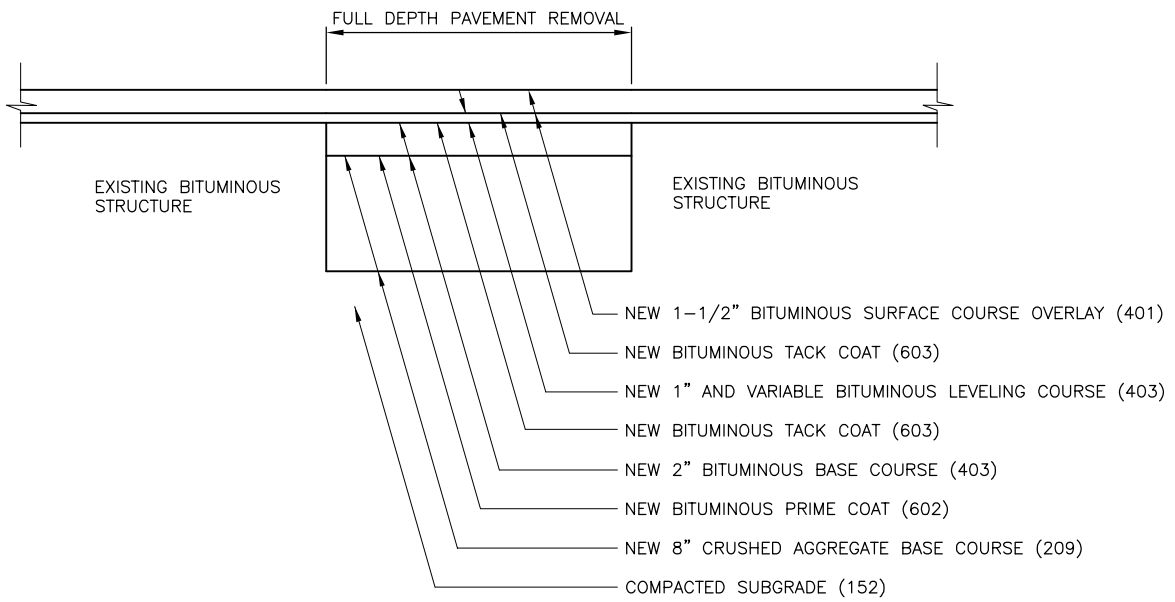
BITUMINOUS CRACK REPAIR
 N.T.S.



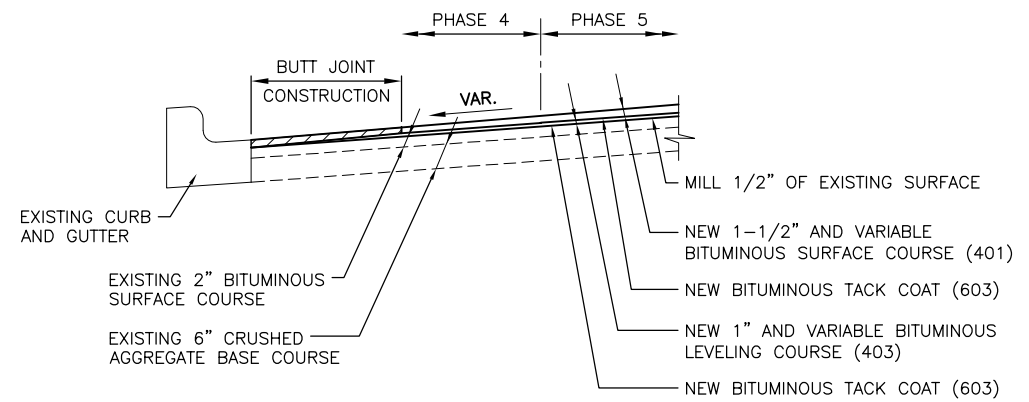
SECTION C-C
 N.T.S.



TYPICAL SECTION D-D
 N.T.S.



FULL DEPTH PAVEMENT REPAIR
 N.T.S.



PARKING LOT SECTION G-G
 N.T.S.

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RELOCATE ENTRANCE ROADWAY &
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 TYPICAL SECTIONS 2

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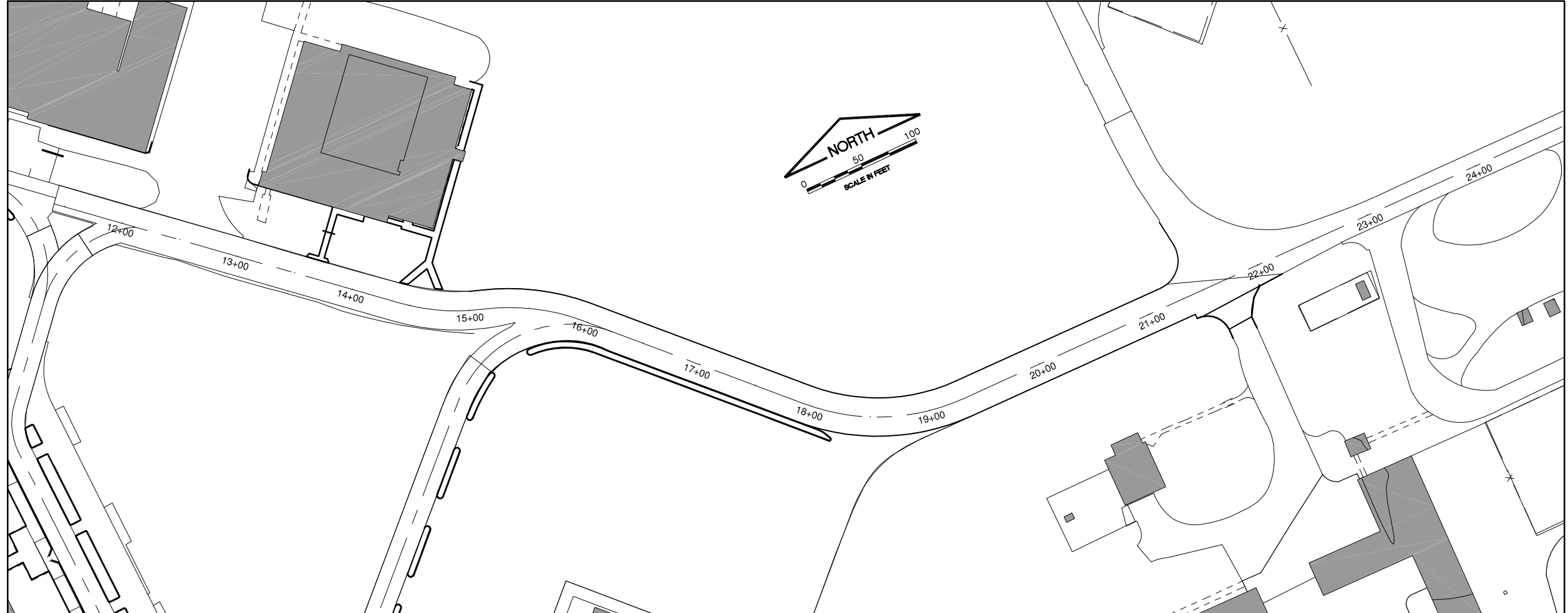
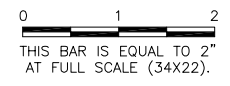
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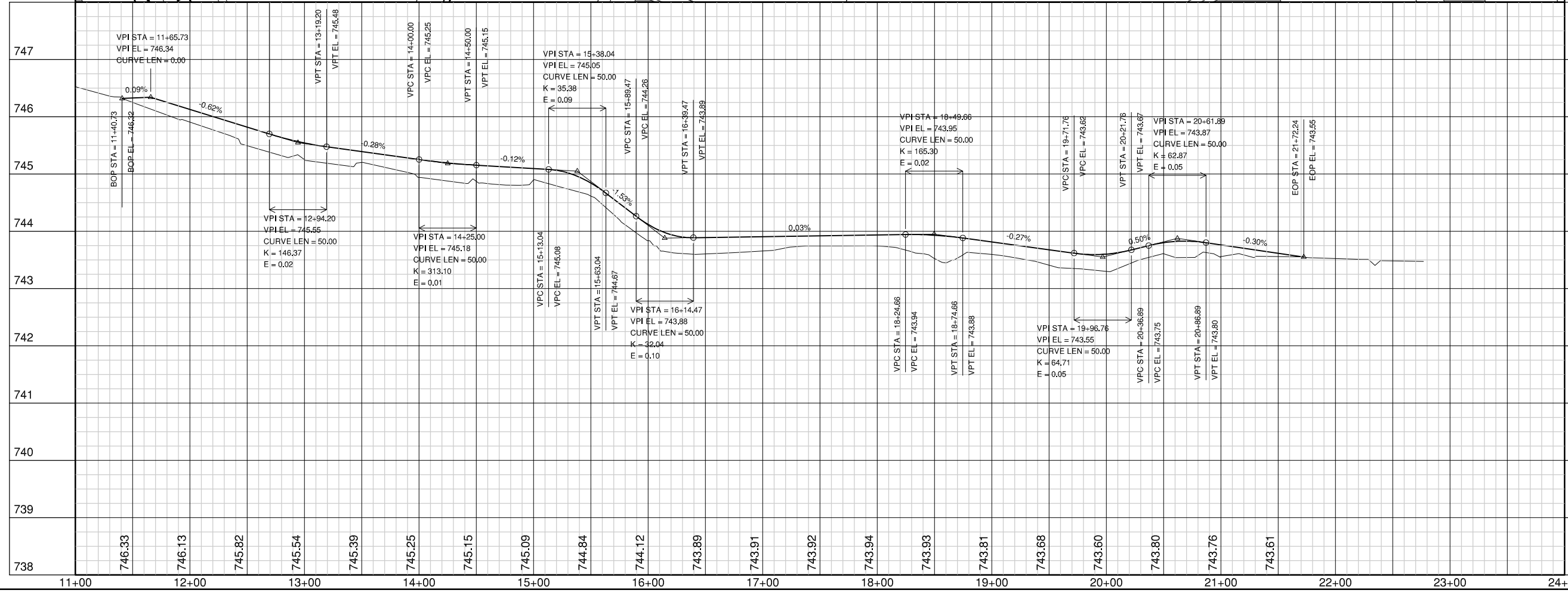
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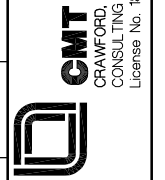
SCALES:
 1" = 50' HOR
 1" = 1' VER



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RELOCATE ENTRANCE ROADWAY &
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 PLAN AND PROFILE

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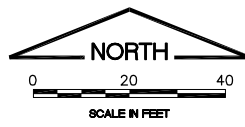
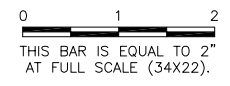


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THIS LINE OF GRADES TO MATCH PROPOSED CROSS SECTION ELEVATIONS CROSS SECTIONS ELEVATIONS FOR ROADWAY OVERLAY

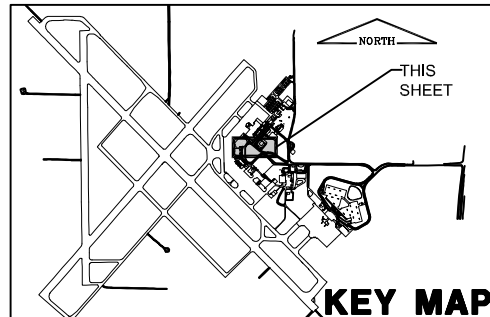
SEE CROSS SECTIONS SHEET 1 FOR ROADWAY OVERLAY PROPOSED ELEVATIONS.

SEE STAKING PLAN 2

MATCH EXISTING SIDEWALK THIS EDGE

LEGEND	
	PROPOSED ELEVATION
	EXISTING ELEVATION
	PROPOSED PAVEMENT CONTOURS
	EXISTING INLET
	EXISTING MANHOLE
	DIRECTION OF PAVING

NOTE:
 ROADWAY AND PARKING LOTS SHALL BE PAVED IN THE DIRECTION OF TRAVEL AS SHOWN.



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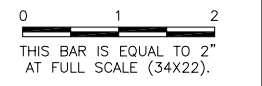
RELOCATE ENTRANCE ROADWAY &
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 STAKE PLAN 1

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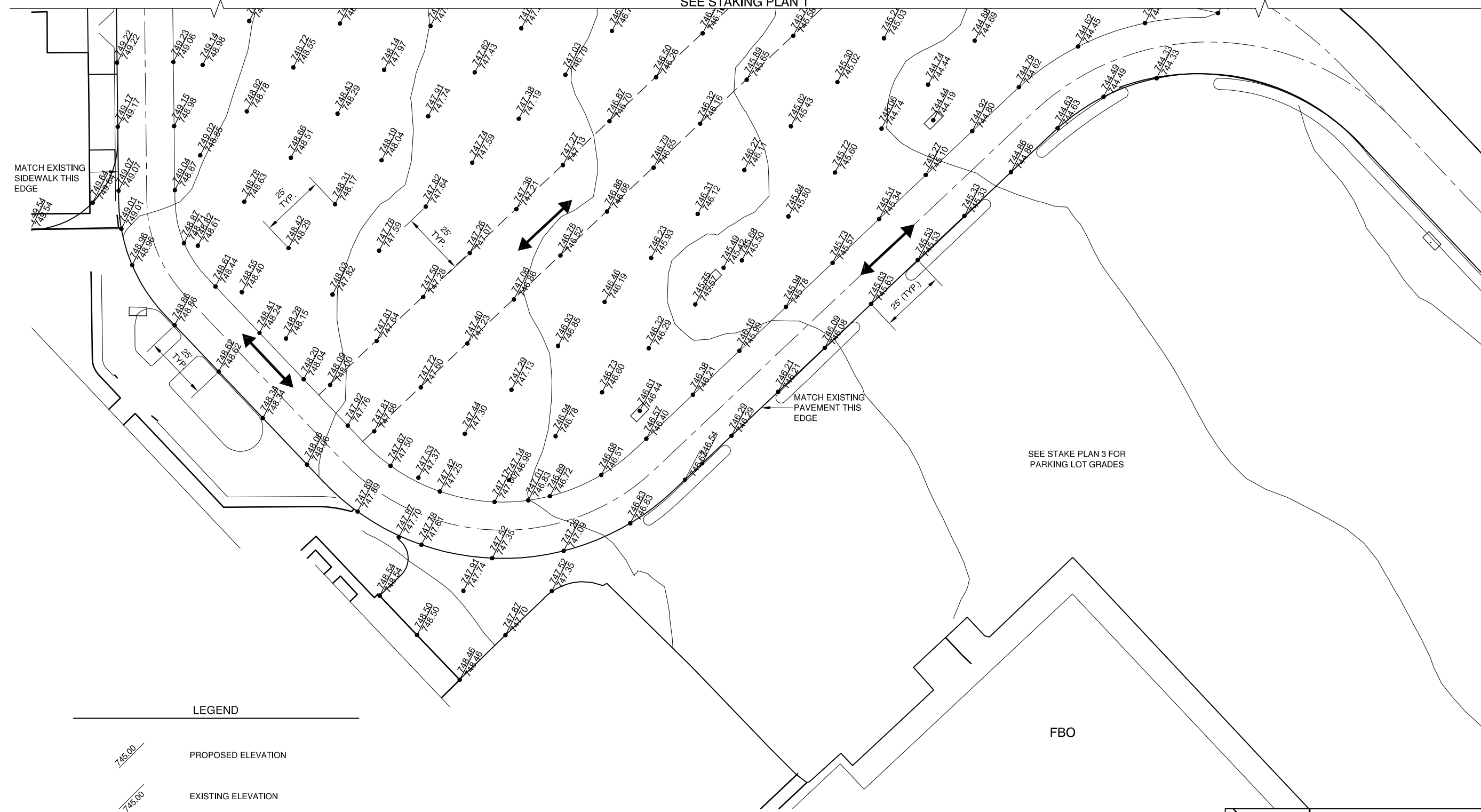
RELOCATE ENTRANCE ROADWAY &
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 STAKE PLAN 2

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SEE STAKING PLAN 1



MATCH EXISTING
 SIDEWALK THIS
 EDGE

MATCH EXISTING
 PAVEMENT THIS
 EDGE

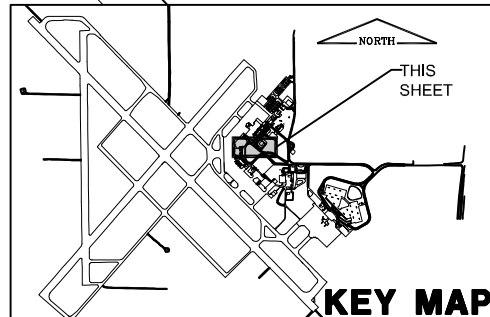
SEE STAKE PLAN 3 FOR
 PARKING LOT GRADES

FBO

LEGEND

- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED PAVEMENT CONTOURS
- EXISTING INLET
- EXISTING MANHOLE
- DIRECTION OF PAVING

NOTE:
 ROADWAY AND PARKING LOTS
 SHALL BE PAVED IN THE DIRECTION
 OF TRAVEL AS SHOWN.

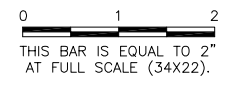


KEY MAP

KEYMAP
 BASE_PROP_GEO
 CMI Tower Site TOPO
 BASE_PROP_STAKE

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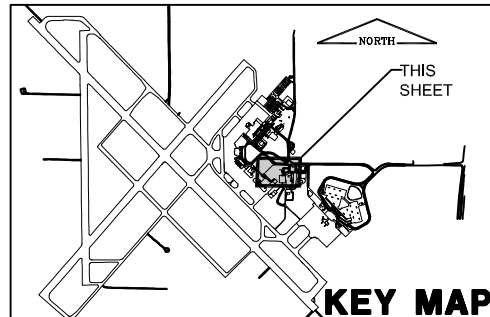
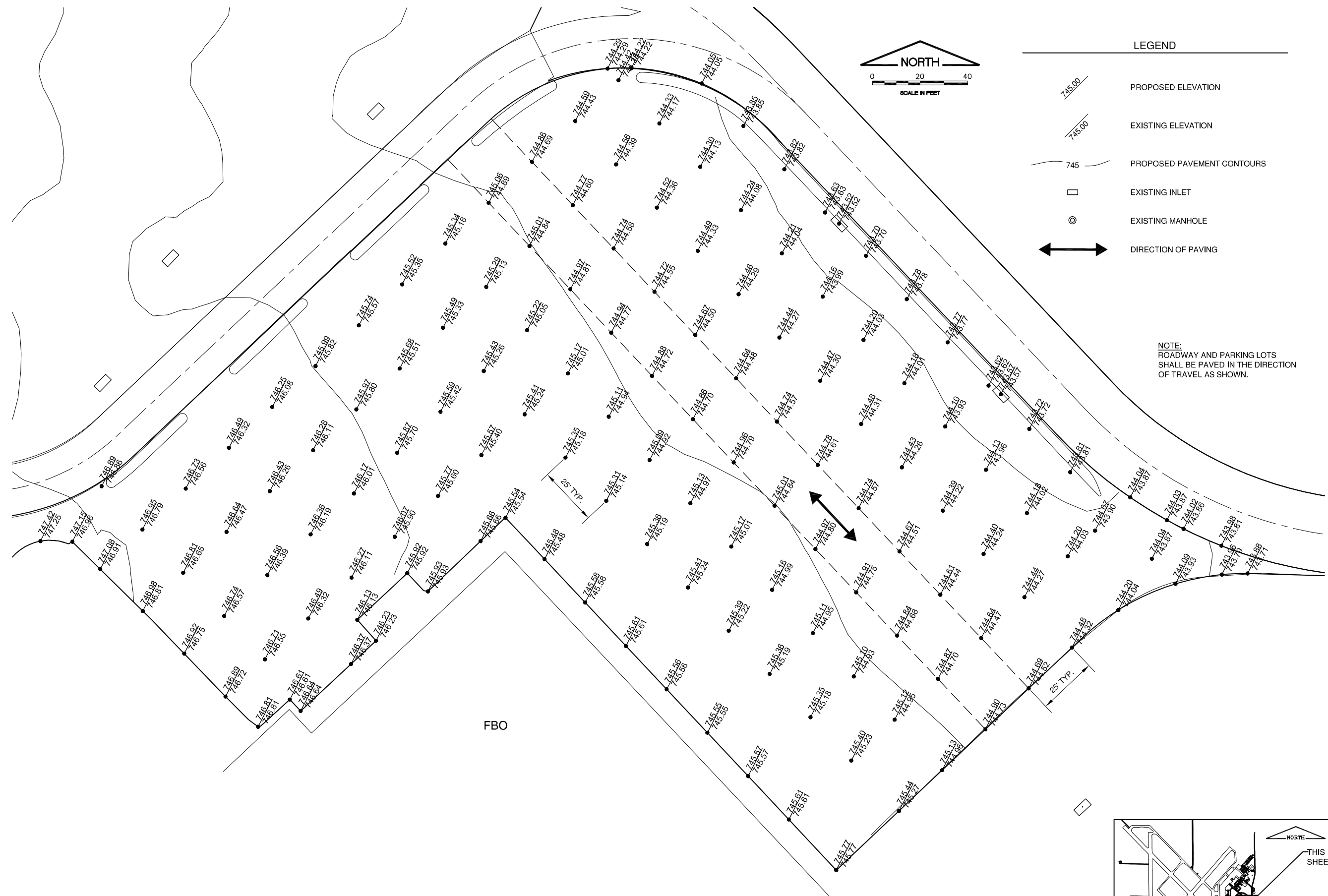


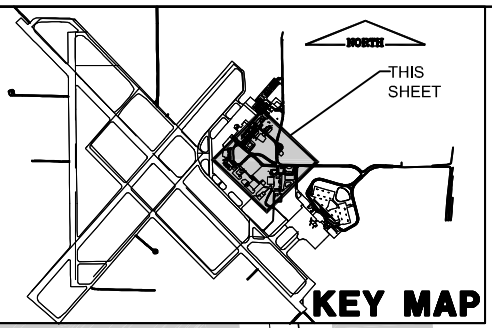
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RELOCATE ENTRANCE ROADWAY &
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STAKE PLAN 3

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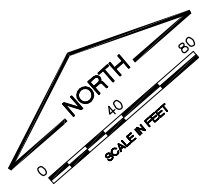
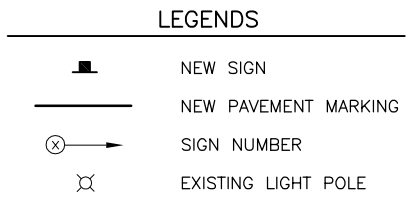
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JOB No:	11059-05-00





NOTE:

1. POSITION OF THE HANDICAP MARKING AND SIGNAGE, ADMINISTRATION ONLY SIGNAGE, FAA SIGNAGE, AND FLIGHTSTAR SIGNAGE ARE ALL SUBJECT TO AIRPORT APPROVAL PRIOR TO INSTALLATION. THE CONTRACTOR SHALL COORDINATE THIS ITEM WITH THE R.E. AND AIRPORT 24 HOURS BEFORE INSTALLING THESE ITEMS.

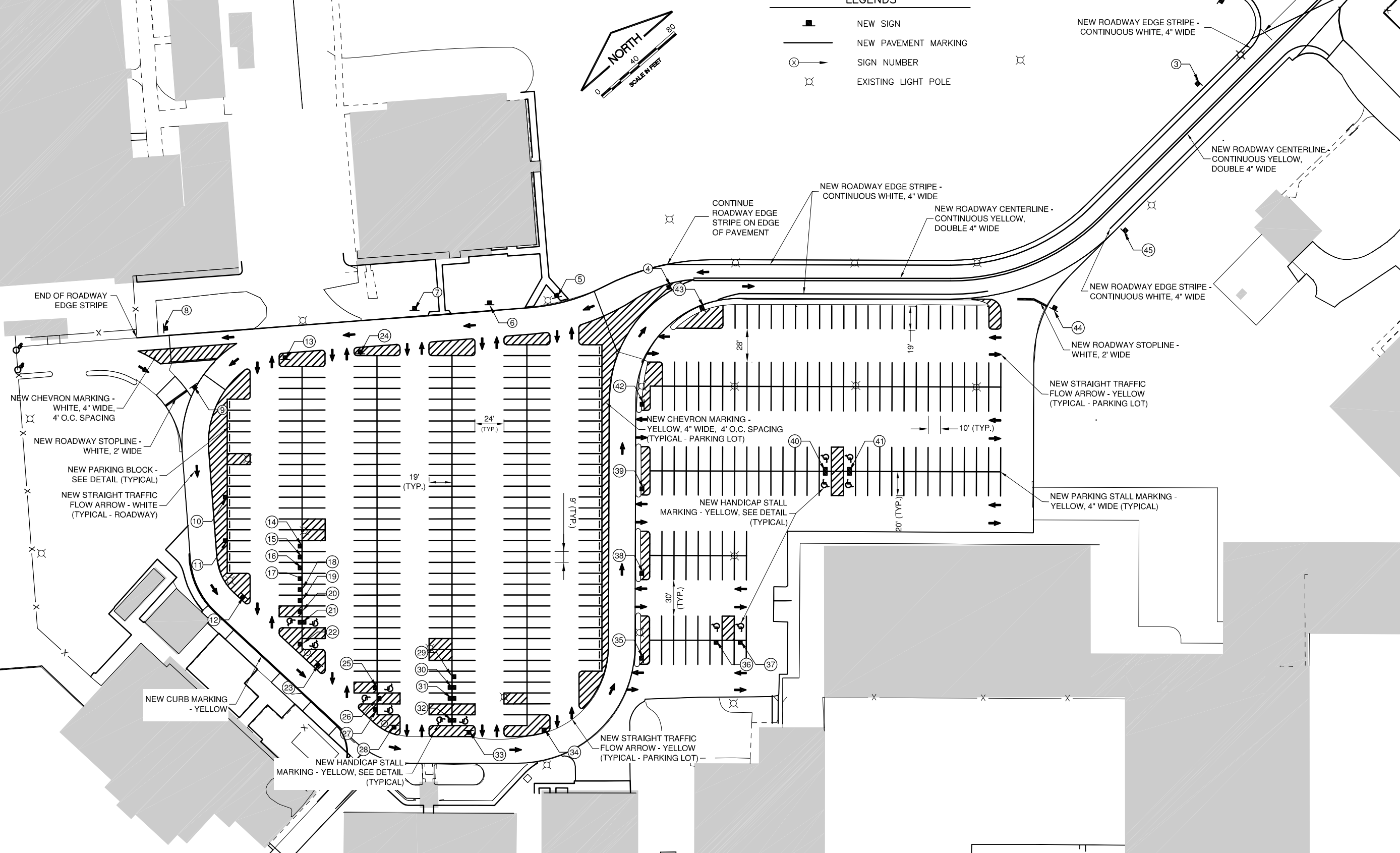
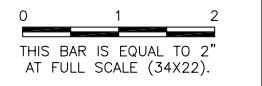


FILE: MARKING_LAYOUT.dwg
 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:23 PM

Coolly
 KEYMAP
 CMI UTILITIES
 CMI EP SVY
 1105905_TOPO_FAA Site JMW 2
 BASE_PROP_MARK
 BASE_PROP_GEO
 CMI Tower Site TOPO
UN052

REVISIONS

NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS**

**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 MARKING & SIGN LAYOUT**

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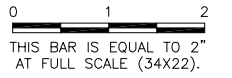
DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	KLB
APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00

K:\Champaign\1105905_Draw\Sheets

BASE_PROP_MARK

UN052

REVISIONS		
NUMBER	BY	DATE




SIGN SCHEDULE			
SIGN	TYPE	NORTHING	EASTING
1	EAST - TYPE 13	1228303.76	1002934.34
2	NORTH - TYPE 1	1228344.35	1002799.51
3	EAST - TYPE 8	1228308.81	1002739.07
4	EAST - TYPE 7	1228501.30	1002311.87
5	SOUTH - TYPE 4R TYPE 2L	1228562.12	1002239.54
6	SOUTHWEST - TYPE 4R TYPE 2L	1228597.74	1002195.97
7	SOUTHWEST - TYPE 4R TYPE 2L	1228638.56	1002149.06
8	NORTHWEST - TYPE 3 TYPE 7	1228775.89	1001992.81
9	NORTH - TYPE 1 TYPE 2R	1228725.02	1001976.41
10	SOUTHEAST - TYPE 12	1228640.55	1001930.32
11	SOUTHEAST - TYPE 12	1228615.26	1001904.67
12	EAST - TYPE 4R TYPE 2L	1228573.35	1001882.11
13	SOUTHWEST - TYPE 4R TYPE 2L	1228686.22	1002045.01
14	SOUTHEAST - TYPE 9	1228567.95	1001944.99
15	SOUTHEAST - TYPE 9	1228561.63	1001938.58
16	SOUTHEAST - TYPE 9	1228555.31	1001932.17
17	SOUTHEAST - TYPE 9	1228548.99	1001925.77
18	SOUTHEAST - TYPE 9	1228542.67	1001919.36
19	SOUTHEAST - TYPE 9	1228536.35	1001912.95
20	SOUTHEAST - TYPE 9	1228530.04	1001906.54
21	NORTHWEST - TYPE 6 SOUTHEAST - TYPE 6	1228523.72	1001900.13
22	SOUTHEAST - TYPE 6	1228511.08	1001887.31
23	EAST - TYPE 4R TYPE 2L	1228489.86	1001885.74

SIGN SCHEDULE			
SIGN	TYPE	NORTHING	EASTING
24	SOUTHWEST - TYPE 4R TYPE 2L	1228645.40	1002091.92
25	SOUTHEAST - TYPE 6	1228441.65	1001905.21
26	NORTHWEST - TYPE 6	1228435.34	1001898.80
27	SOUTHEAST - TYPE 6	1228429.02	1001892.39
28	NORTHEAST - TYPE 4R TYPE 2L	1228409.83	1001892.87
29	NORTHWEST - TYPE 11	1228403.82	1001955.15
30	NORTHWEST - TYPE 11 SOUTHEAST - TYPE 10	1228397.51	1001948.74
31	NORTHWEST - TYPE 11 SOUTHEAST - TYPE 10	1228391.19	1001942.33
32	NORTHWEST - TYPE 6 SOUTHEAST - TYPE 6	1228378.55	1001929.51
33	NORTHEAST - TYPE 4R TYPE 2L	1228362.61	1001933.29
34	NORTHEAST - TYPE 4R TYPE 2L	1228319.83	1001978.21
35	SOUTHEAST - TYPE 4R TYPE 2L	1228301.78	1002077.15
36	NORTHEAST - TYPE 6	1228269.41	1002129.87
37	NORTHEAST - TYPE 6	1228255.13	1002143.88
38	SOUTHEAST - TYPE 4R TYPE 2L	1228350.78	1002127.13
39	SOUTHEAST - TYPE 4R TYPE 2L	1228399.78	1002177.12
40	NORTHEAST - TYPE 6 SOUTHWEST - TYPE 6	1228303.14	1002292.85
41	NORTHEAST - TYPE 6 SOUTHWEST - TYPE 6	1228288.86	1002306.85
42	SOUTHEAST - TYPE 4R TYPE 2L	1228448.78	1002227.11
43	EAST - TYPE 3	1228469.80	1002318.85
44	WEST - TYPE 5	1228262.45	1002520.70
45	WEST - TYPE 8	1228266.12	1002607.31

NOTE:
SEE SIGNAGE DETAILS FOR SIGN TYPE.

UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &
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 SIGNAGE SCHEDULE

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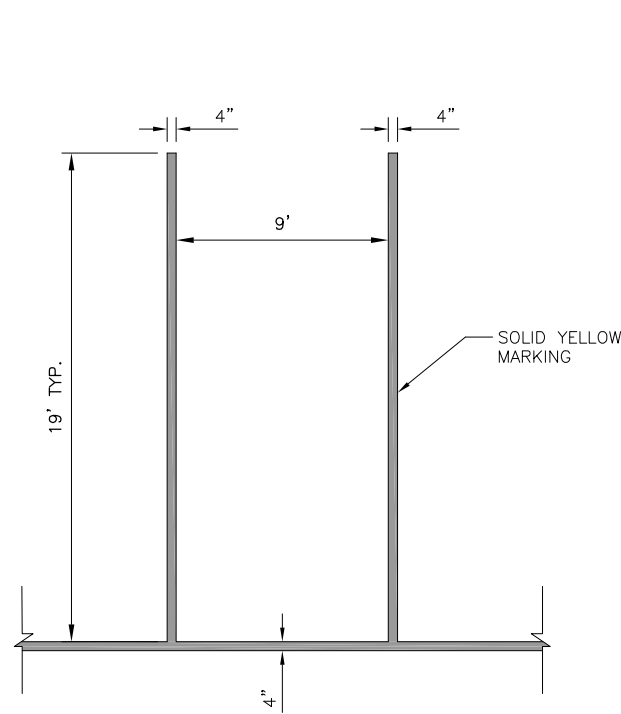
DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	KLB
APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00

IL PROJ. NO. CMI-4269

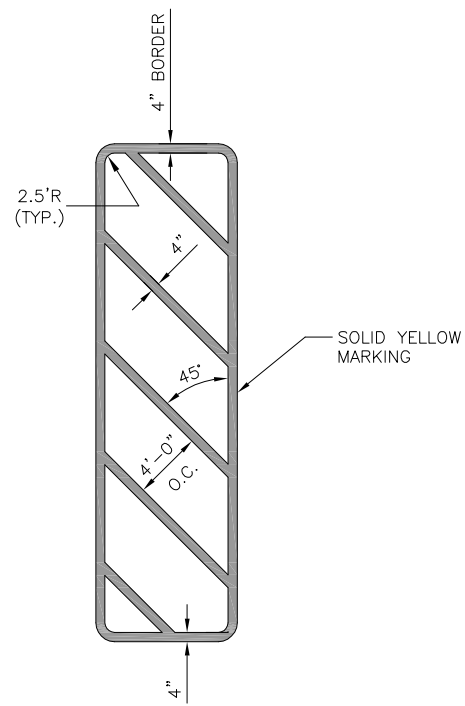
UN052

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NUMBER	BY	DATE

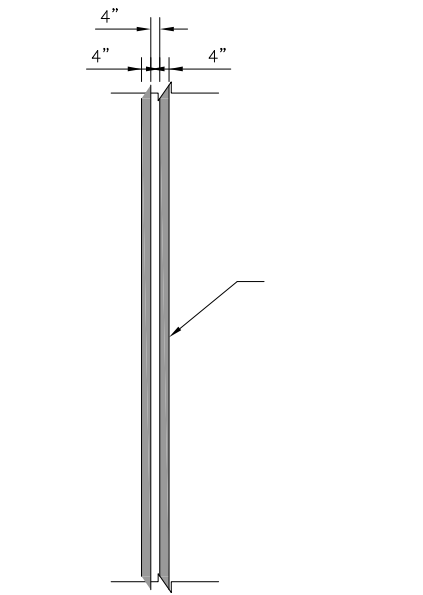
0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).



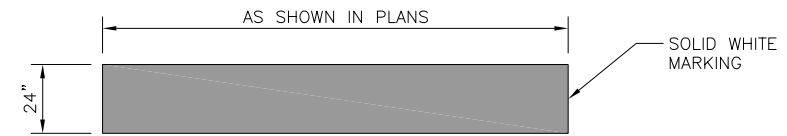
PARKING STALL
 NTS



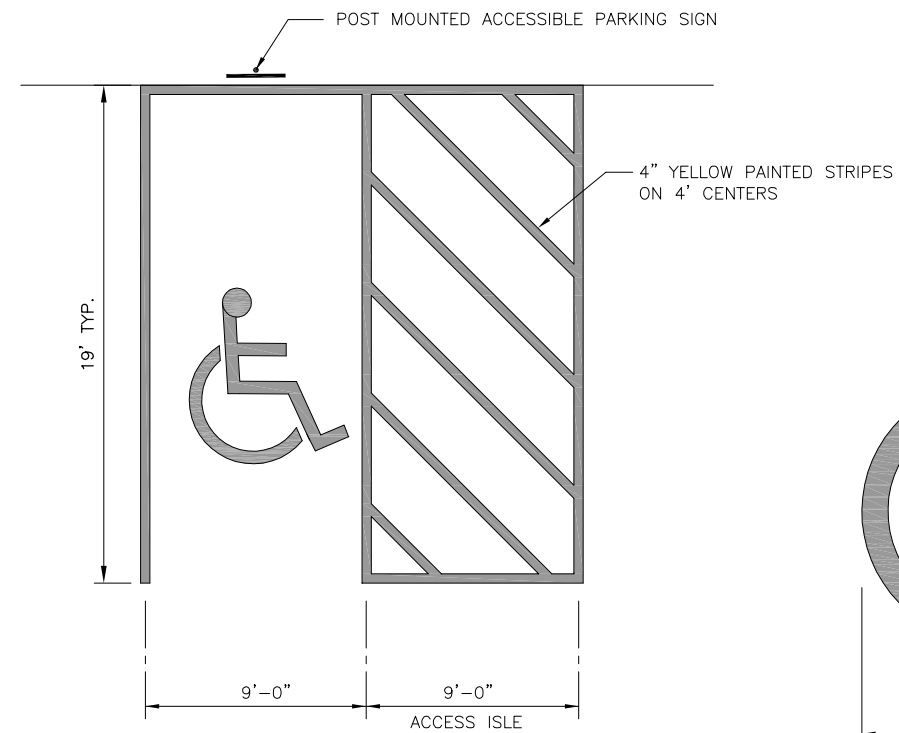
TYPICAL CHEVERON MARKING
 NTS



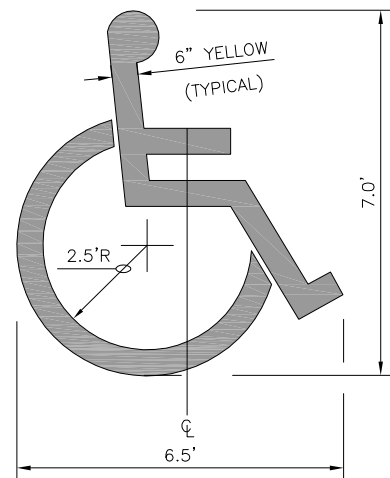
ENTRANCE ROAD CENTERLINE MARKING
 NTS



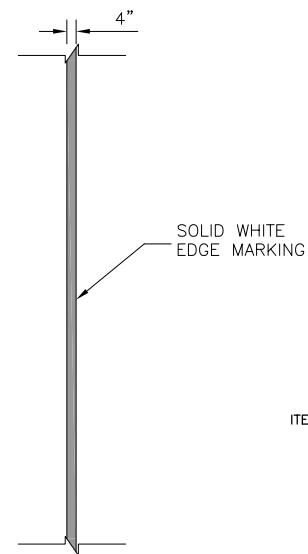
STOP BAR
 NTS



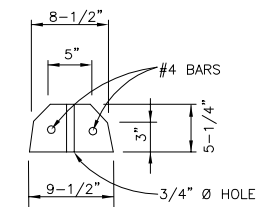
CAR ACCESSIBLE
 NTS



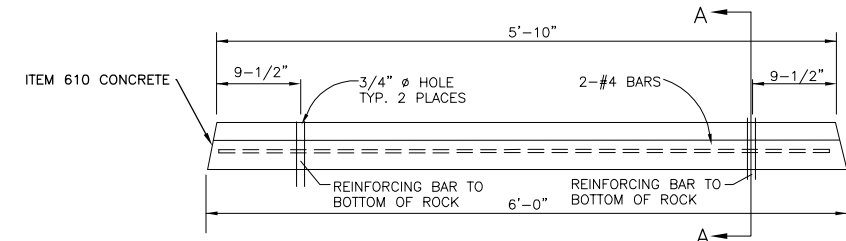
ACCESSIBLE PARKING SYMBOL
 LOCATE AT EDGE OF PARKING SPACE



DRIVING ROAD EDGELINE MARKING
 NTS



SECTION A-A



PARKING BLOCK DETAIL
 N.T.S.

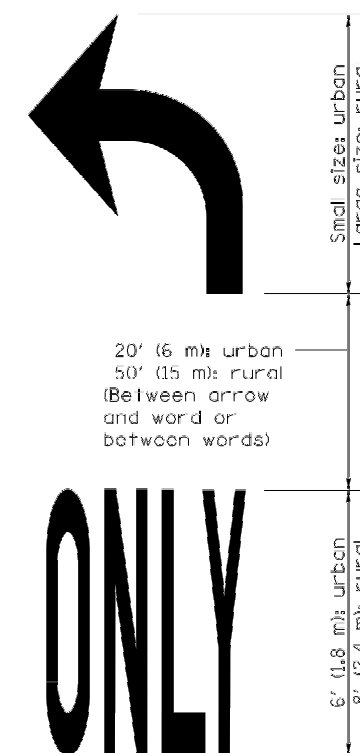
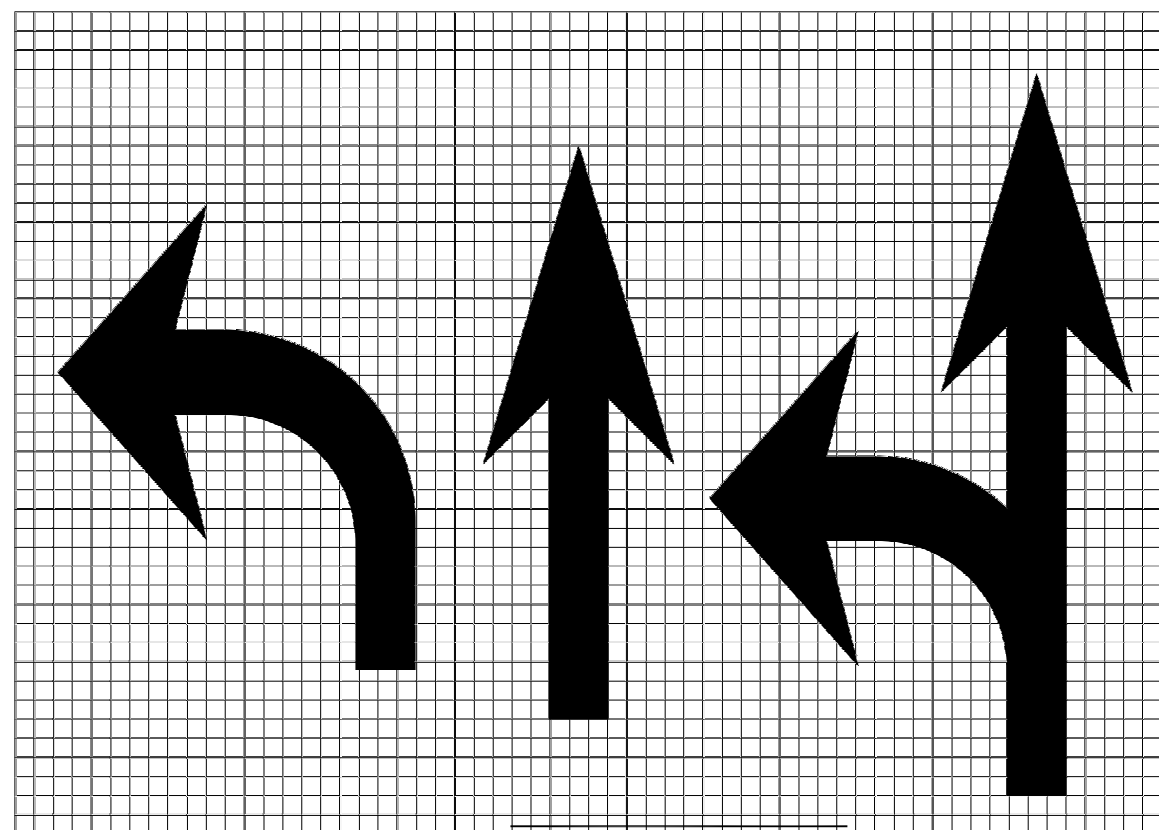
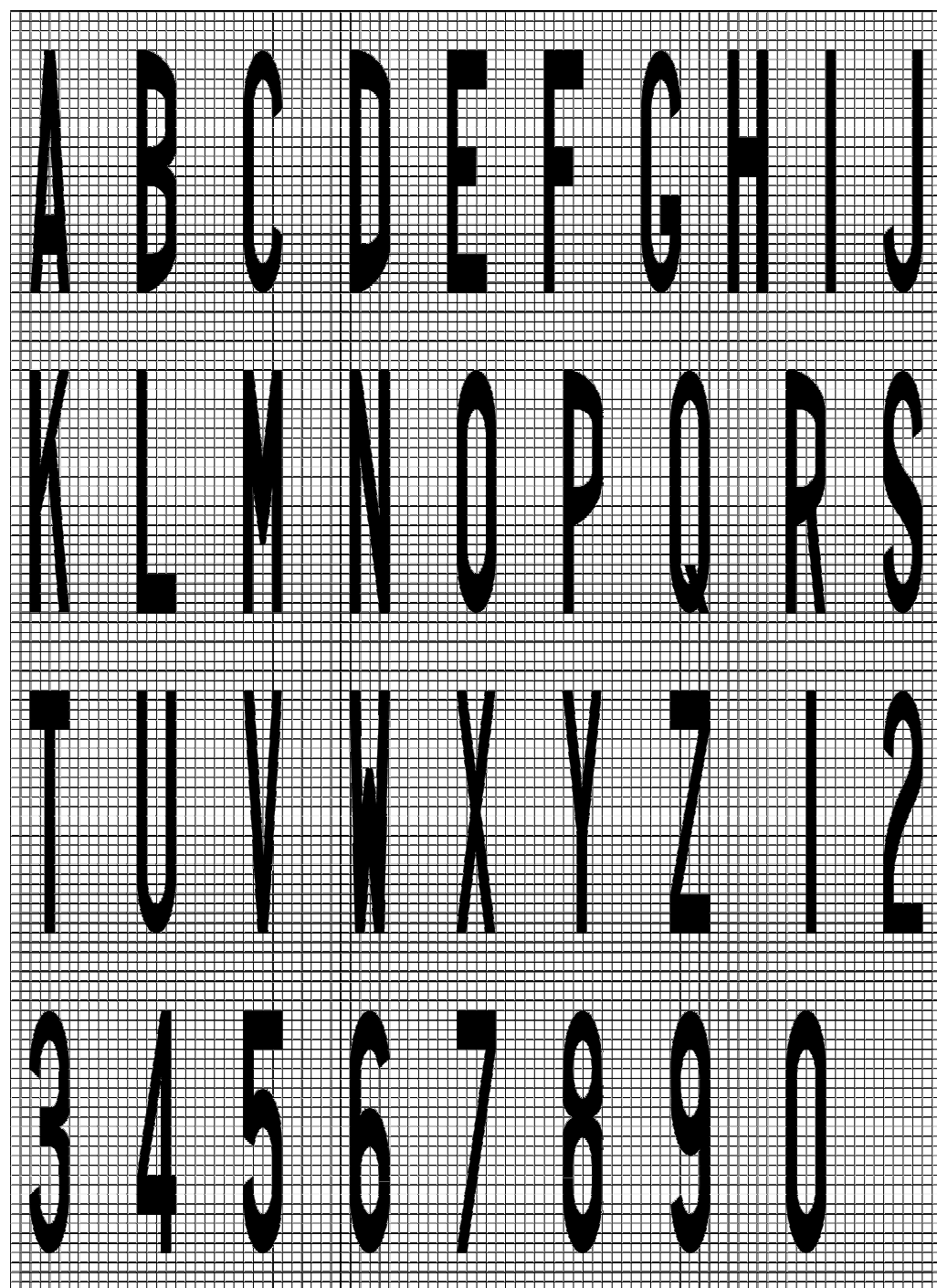
UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
MARKING DETAILS 1

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CHECKED BY:	KLB
APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00

IL PROJ. NO. CMI-4269

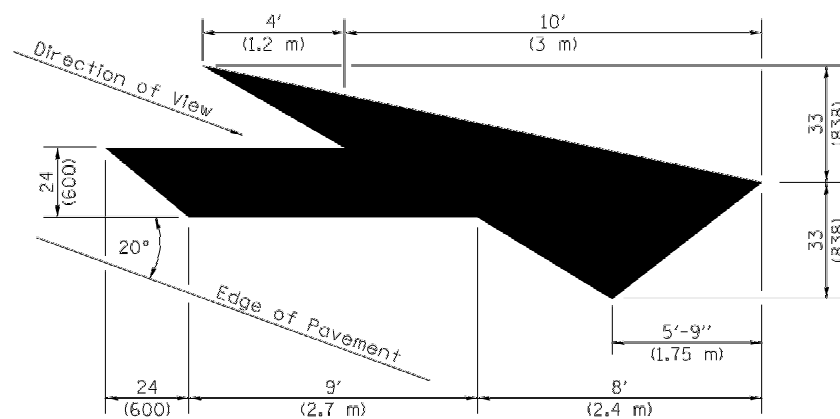


WORD AND ARROW LAYOUT

Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

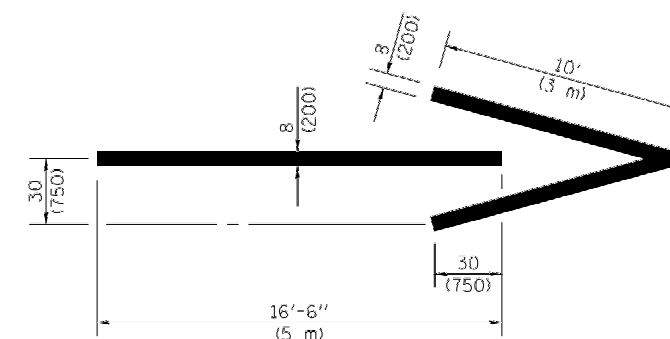
The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE



LANE DROP ARROW

Right lane drop arrow shown.
 Use mirror image for left lane.



WRONG WAY ARROW

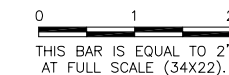
TYPICAL PAVEMENT MARKINGS

(Sheet 2 of 2)

STANDARD 780001-03

UN052

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NUMBER	BY	DATE



UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 MARKING DETAILS 2

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DRAWN BY:	CMT
CHECKED BY:	KLB
APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00

Illinois Department of Transportation

APPROVED January 1, 2012
Justin Mann
 ENGINEER/OF OPERATIONS

APPROVED January 1, 2012
Sam Smith
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12-17

K:\Champaign\1105905\Draw\Sheets



R1-1
30" x 30"

1



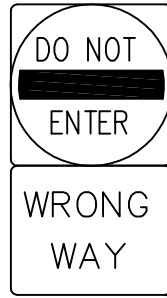
R6-1R
36" x 12"

2R



R6-1L
36" x 12"

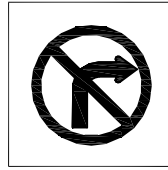
2L



WRONG WAY

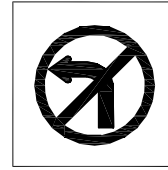
R5-1
30" x 30"
R5-1A
30" x 18"

3



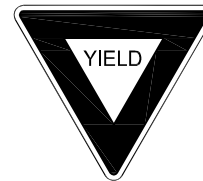
R3-1
30" x 30"

4R



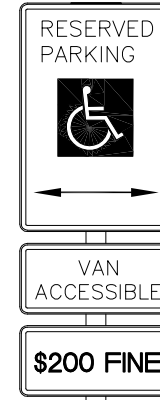
R3-2
30" x 30"

4L



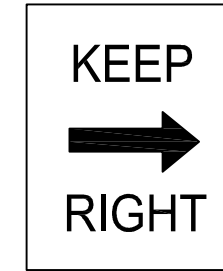
R1-2
36" x 36" x 36"

5



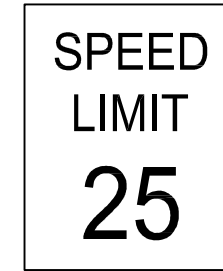
R7-8
12" x 18"
R7-8P
12" x 6"
R7-1 101
12" x 6"

6



R4-7a
24" x 30"

7



R2-1
24" x 30"

8

UN052

REVISIONS

NUMBER	BY	DATE

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



(RE-USE EXISTING SIGN;
INSTALL ON NEW POST)

9



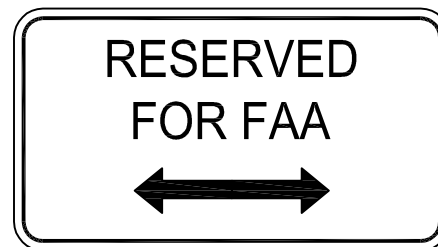
(RE-USE EXISTING SIGN;
INSTALL ON NEW POST)

10



(RE-USE EXISTING SIGN;
INSTALL ON NEW POST)

11



(RE-USE EXISTING SIGN;
INSTALL ON NEW POST)

12



THESE SIGNS REQUIRE TWO POSTS

BLUE BACKGROUND

WHITE LETTERING

YELLOW LETTERING



BLUE BACKGROUND
WHITE LETTERING

(REPLACE THESE SIGNS WITH NEW. THE NEW SIGNS SHALL MATCH THE EXISTING IN SIZE COLOR AND STYLE. RE-USE EXISTING UNTIL THE NEW IS DELIVERED.)

13

UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT

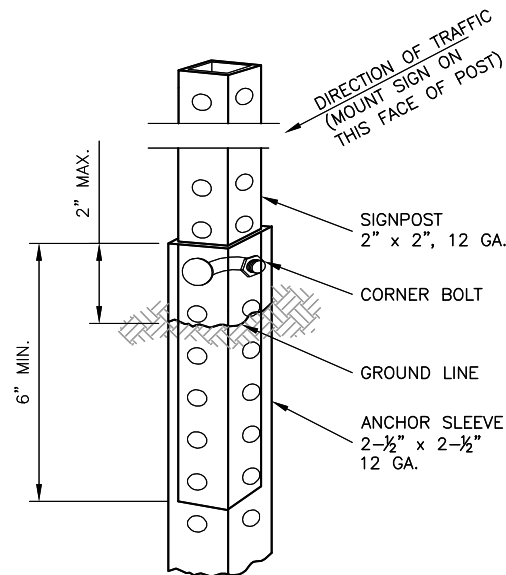
SIGNAGE DETAILS

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DESIGN BY: CBG
 DRAWN BY: CMT
 CHECKED BY: KLB
 APPROVED BY: CET
 DATE: 4/19/2013
 JOB No: 11059-05-00

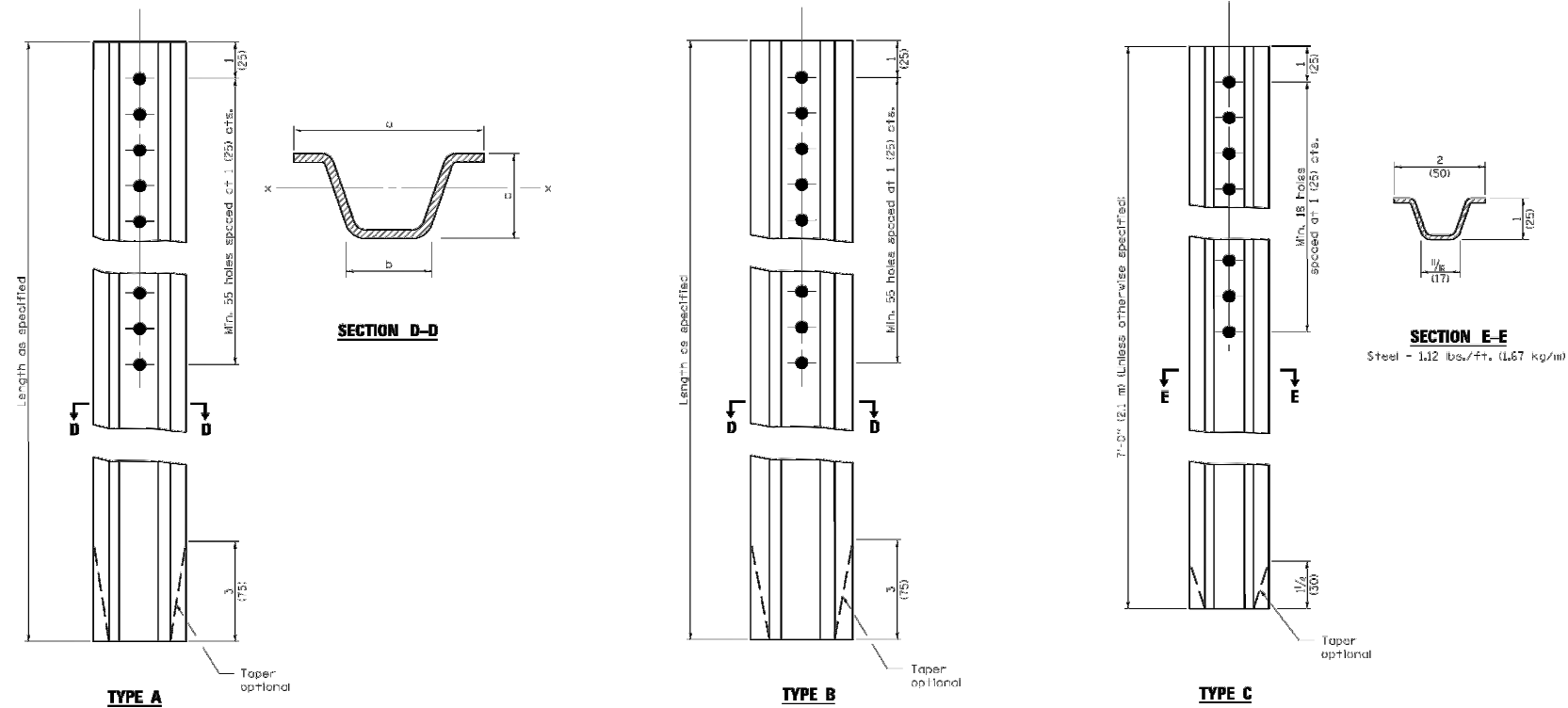
NOTE:

SQUARE STEEL TUBE POSTS TO BE USED WHERE SIGNS ARE TO BE MOUNTED ON THE FRONT AND BACK OF THE POST.



THE SIGNPOST IS ATTACHED TO THE ANCHOR SLEEVE WITH THE CORNER BOLT PER MANUFACTURER'S SPECIFICATION.

PERFORATED SQUARE STEEL TUBE POST DETAIL
N.T.S.



UN052

REVISIONS		
NUMBER	BY	DATE

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

UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS

RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 METAL SIGN POST DETAILS

SIGN AREA (SQ.FT.)	POST TYPE		
	U-CHANNEL	WOOD	PERFORATED SQUARE STEEL TUBING
* 10	1 - 3.0 LB./FT.*	1 - 4" X 4"*	1 - 2" 12 GA.*
* 10 * 16	2 - 3.0 LB./FT.	2 - 4" X 4" 1 - 4" X 6"*	2 - 2" 12 GA.
* 16 * 24	2 - 3.0 LB./FT.	2 - 4" X 6"	3 - 2" 12 GA.**
* 24 * 30	3 - 3.0 LB./FT.	2 - 4" X 6"	N/A
* 30 * 50	N/A	2 - 6" X 6"	N/A

* SIGNS GREATER THAN 4 FEET IN WIDTH, EXCEPT DIAMOND SHAPE SIGNS, REQUIRE TWO POSTS.

** REQUIRES SLIP BASE PER MANUFACTURER'S RECOMMENDATION.
 ALL POSTS SHALL BE IMBEDDED A MINIMUM OF 3 FEET.

POST SIZE REQUIREMENTS

		a	b	c	Sx-x in. ³ (mm ³)	lbs./ft. (kg/m)
TYPE A	Steel	3/16 (78)	1/4 (32)	1/16 (37)	0.223 (3,654)	2.00 (2.98)
	Aluminum	3/2 (89)	1/8 (41)	1/16 (48)	0.435 (7,128)	0.90 (1.34)
TYPE B	Steel	3/16 (81)	1/4 (57)	1/2 (38)	0.341 (5,588)	3.00 (4.46)
	Aluminum	4/8 (118)	2/4 (57)	2/8 (60)	0.888 (14,552)	1.30 (1.93)

GENERAL NOTES

Dimensions shown for cross sections are minimum.

All holes are 3/8 (10).

Sx-x is the minimum section modulus about the x-x axis of the post as shown. For posts in which holes are punched or drilled for more than half their length, Sx-x shall be computed for the net section.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 2350-4.

METAL POSTS FOR SIGNS, MARKERS & DELINEATORS

STANDARD 720011-01

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DESIGN BY:	CBG
DRAWN BY:	CMT
CHECKED BY:	KLB
APPROVED BY:	CET
DATE:	4/19/2013
JOB No:	11059-05-00
IL PROJ. NO.	CMI-4269
SHEET	28 OF 38 SHEETS

Illinois Department of Transportation

PASSED January 1, 2009
 ENGINEER OF POLICY AND PROCEDURES

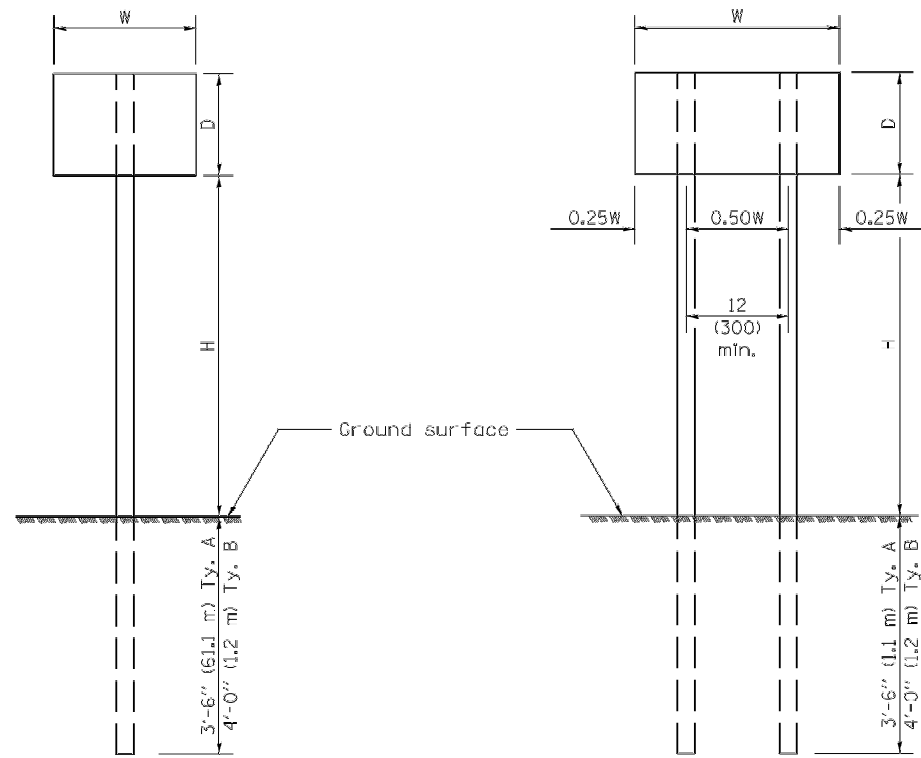
APPROVED January 1, 2009
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

UN052

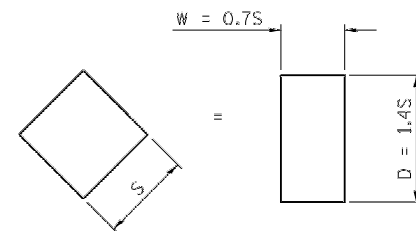
REVISIONS		
NUMBER	BY	DATE

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



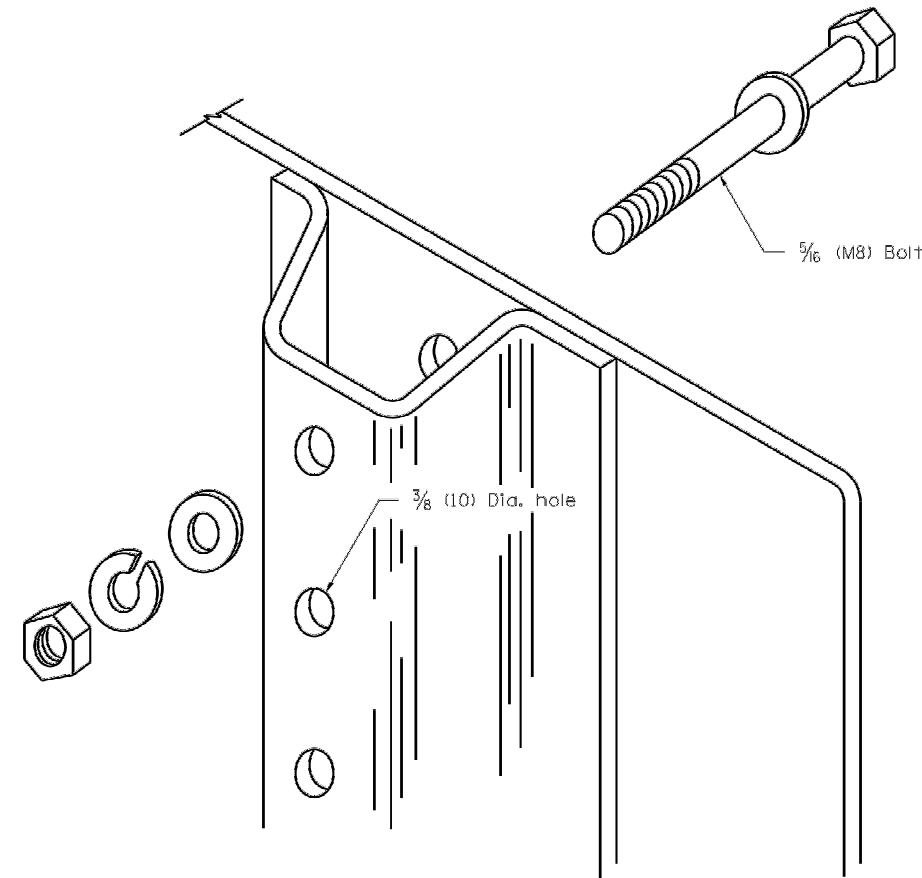
ONE POST INSTALLATION

TWO POST INSTALLATION



For diamond shaped sign with side S as shown, use required post size for a sign with W = 0.7S and D = 1.4S.

SIGN DEPTH (D)	H	NO. AND TYPE OF POST FOR SIGN WIDTH (W)				
		12 (300)	18 (450)	24 (600)	30 (750)	36 (900)
18 (450)	5'-0" (1.5 m)	A	A	A	A	A
	5'-6" (1.7 m)	A	A	A	A	A
	6'-0" (1.8 m)	A	A	A	A	B
	6'-6" (2.0 m)	A	A	A	A	B
	7'-0" (2.1 m)	A	A	A	A	B
	7'-6" (2.3 m)	A	A	A	A	B
	8'-0" (2.4 m)	A	A	A	A	B
	8'-6" (2.6 m)	A	A	A	B	B
	9'-0" (2.7 m)	A	A	A	B	B
24 (600)	5'-0" (1.5 m)	A	A	A	A	B
	5'-6" (1.7 m)	A	A	A	A	B
	6'-0" (1.8 m)	A	A	A	B	B
	6'-6" (2.0 m)	A	A	A	B	B
	7'-0" (2.1 m)	A	A	A	B	B
	7'-6" (2.3 m)	A	A	A	B	B
	8'-0" (2.4 m)	A	A	A	B	2A
	8'-6" (2.6 m)	A	A	B	B	2A
	9'-0" (2.7 m)	A	A	B	B	2A
30 (750)	5'-0" (1.5 m)	A	A	A	B	B
	5'-6" (1.7 m)	A	A	A	B	2A
	6'-0" (1.8 m)	A	A	A	B	2A
	6'-6" (2.0 m)	A	A	A	B	2A
	7'-0" (2.1 m)	A	A	B	B	2A
	7'-6" (2.3 m)	A	A	B	B	2A
	8'-0" (2.4 m)	A	A	B	B	2A
	8'-6" (2.6 m)	A	A	B	2A	2A
	9'-0" (2.7 m)	A	A	B	2A	2A
36 (900)	5'-0" (1.5 m)	A	A	B	B	2A
	5'-6" (1.7 m)	A	A	B	B	2A
	6'-0" (1.8 m)	A	A	B	B	2A
	6'-6" (2.0 m)	A	A	B	2A	2A
	7'-0" (2.1 m)	A	A	B	2A	2A
	7'-6" (2.3 m)	A	A	B	2A	2A
	8'-0" (2.4 m)	A	B	B	2A	2A
	8'-6" (2.6 m)	A	B	B	2A	2B
	9'-0" (2.7 m)	A	B	2A	2A	2B
4'-0" (1.2 m)	5'-0" (1.5 m)	A	A	B	2A	2A
	5'-6" (1.7 m)	A	B	B	2A	2A
	6'-0" (1.8 m)	A	B	B	2A	2A
	6'-6" (2.0 m)	A	B	2A	2A	2B
	7'-0" (2.1 m)	A	B	2A	2A	2B
	7'-6" (2.3 m)	A	B	2A	2B	2B
	8'-0" (2.4 m)	A	B	2A	2B	2B
	8'-6" (2.6 m)	B	B	2B	2B	2B
	9'-0" (2.7 m)	B	2A	2B	2B	2B



DETAIL OF MOUNTING SIGN TO POST

NOTE: Minimum of 2 bolts per post required.

GENERAL NOTES

DESIGN: Current AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

LOADING: for 60 mph (95 km/h) wind velocity with 30% gust factor, normal to sign.

SOIL PRESSURE: Minimum allowable soil pressure 1.25 tsf (120 kPa).

See Standard 720011 for details of Types A and B posts.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 2363-2.

APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

STANDARD 729001-01

UNIVERSITY OF ILLINOIS
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 RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 SIGN MOUNTING DETAILS

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IL PROJ. NO.	CMI-4269
SHEET	29 OF 38 SHEETS

Illinois Department of Transportation

PASSED January 1, 2009

ENGINEER OF POLICY AND PROCEDURES

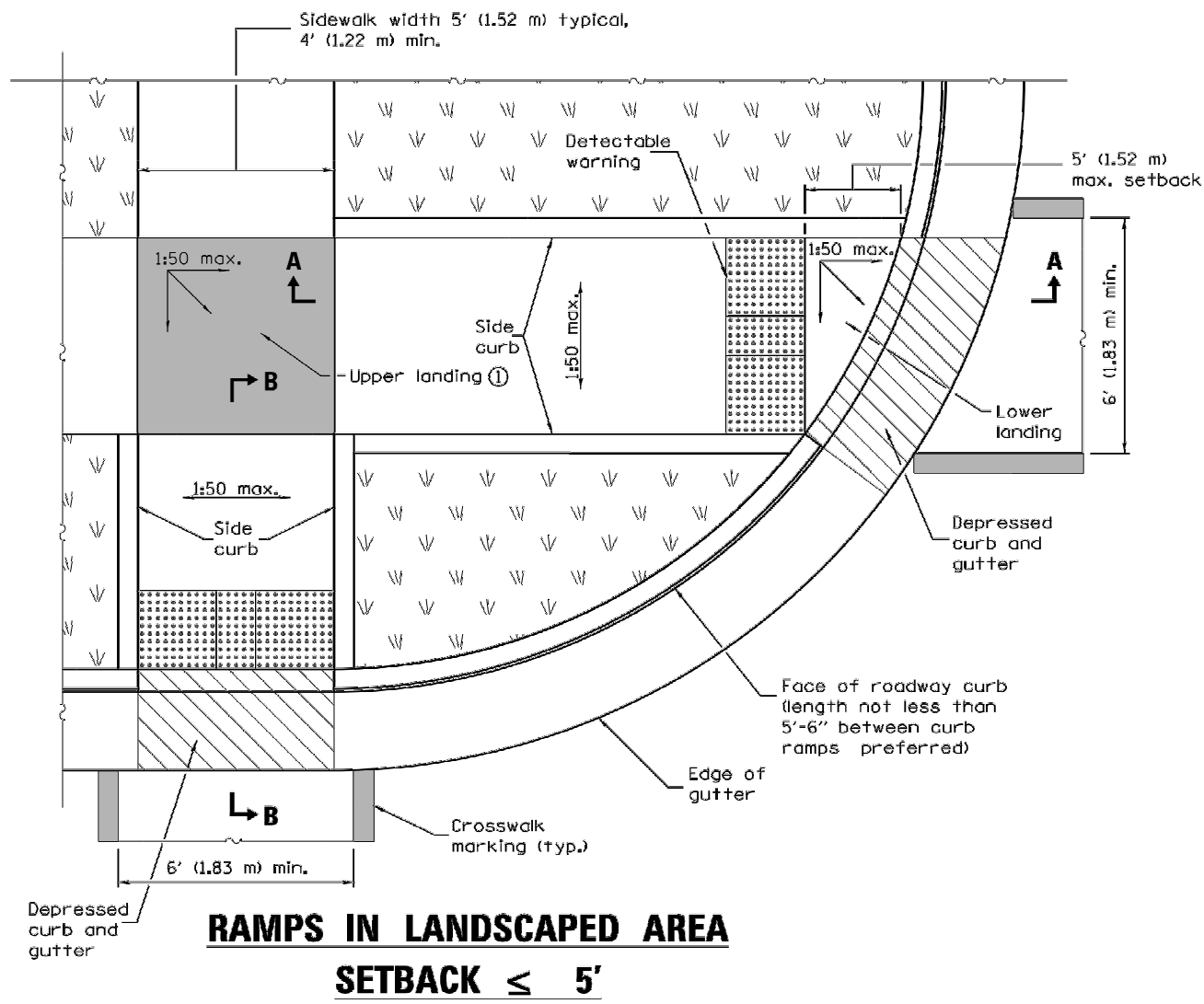
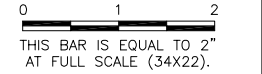
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ENGINEER OF DESIGN AND ENVIRONMENT

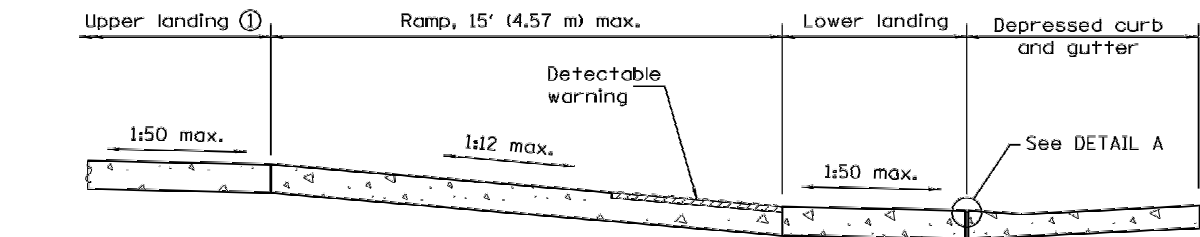
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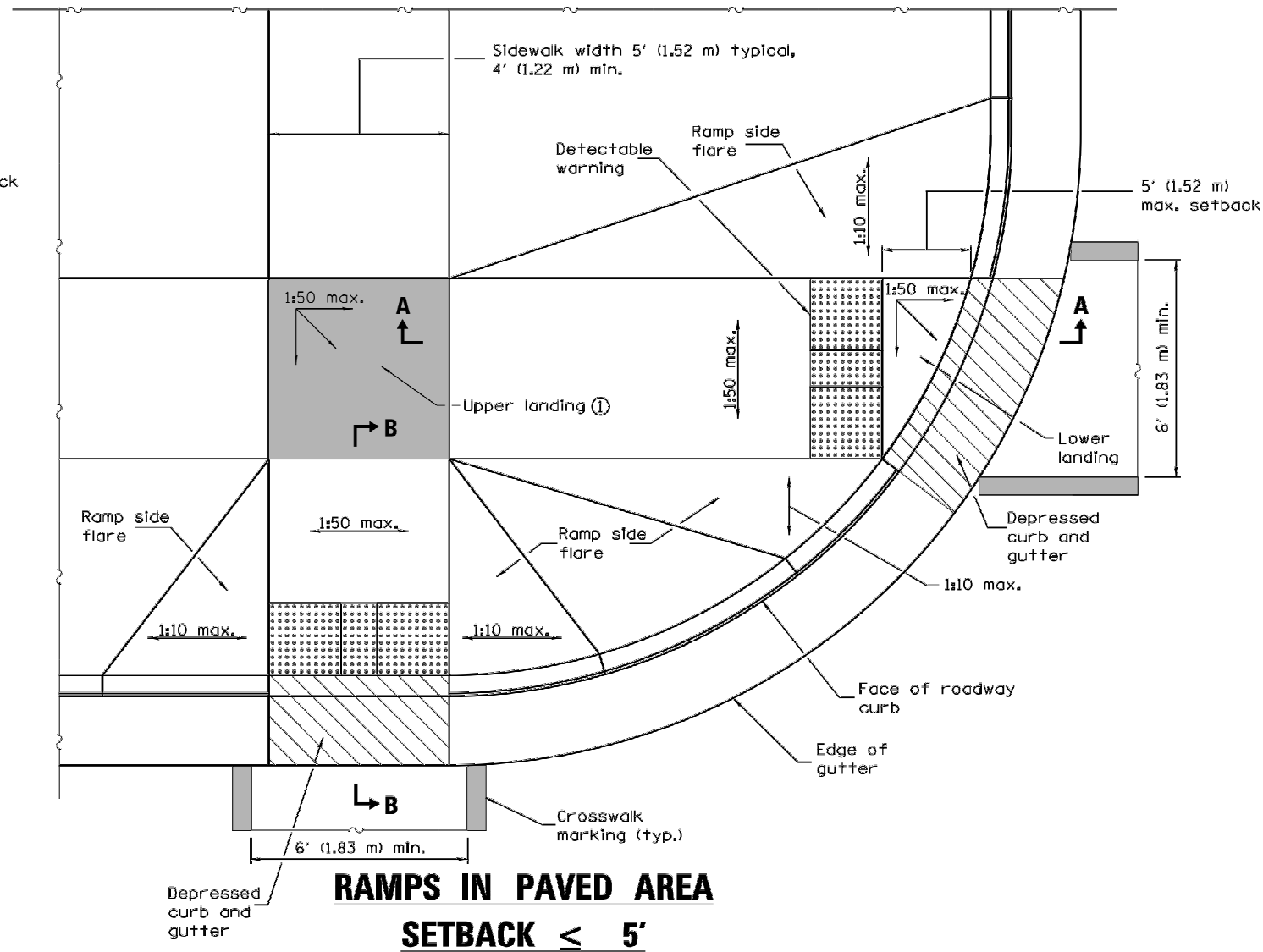


RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

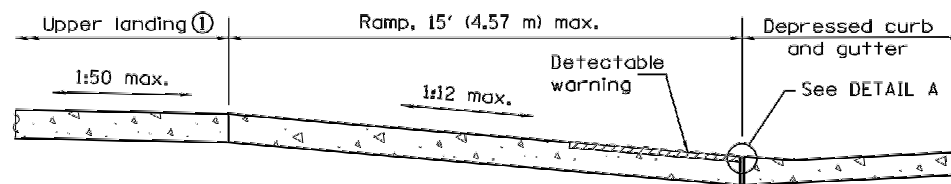


SECTION A-A

① Upper landing not required for ramp slopes flatter than 1:20.



RAMPS IN PAVED AREA
SETBACK ≤ 5'



SECTION B-B

① Upper landing not required for ramp slopes flatter than 1:20.

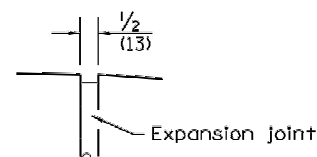
GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

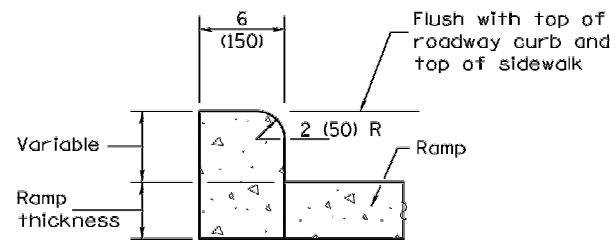
Where 1:50 maximum slope is shown, 1:64 is preferred.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.



DETAIL A



SIDE CURB DETAIL

DATE	REVISIONS
1-1-13	Widened crosswalk markings to 6' (1.83 m) min. inside dimension. Rev. Gen. Notes.
1-1-12	Completely revised and renamed standard.

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

STANDARD 424001-07

UNIVERSITY OF ILLINOIS
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RELOCATE ENTRANCE ROADWAY &
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 SIDEWALK DETAILS

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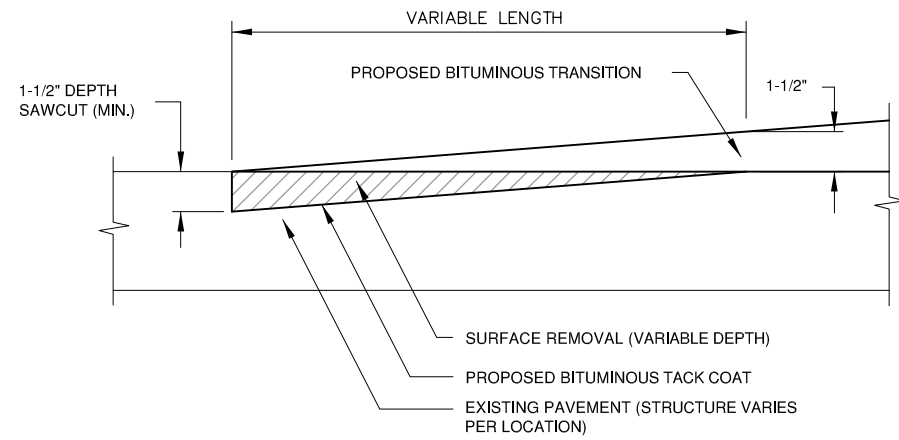
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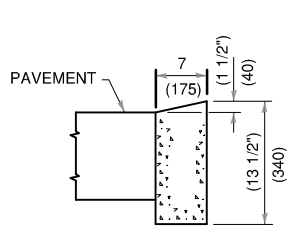
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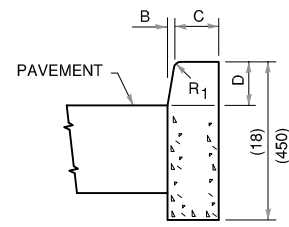
DESIGNED 1-1-13



BUTT JOINT DETAIL
N.T.S.



DEPRESSED CURB

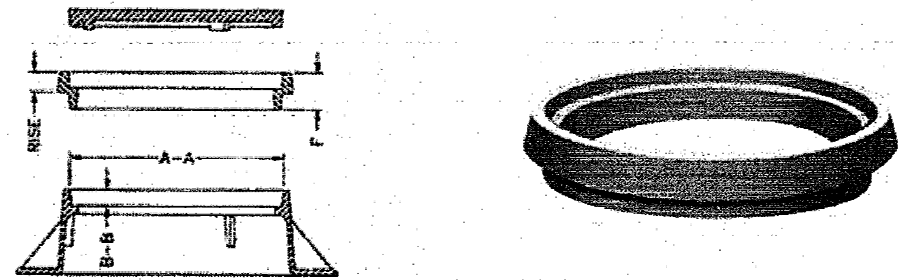


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT

CONCRETE CURB TYPE B

TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R ₁
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

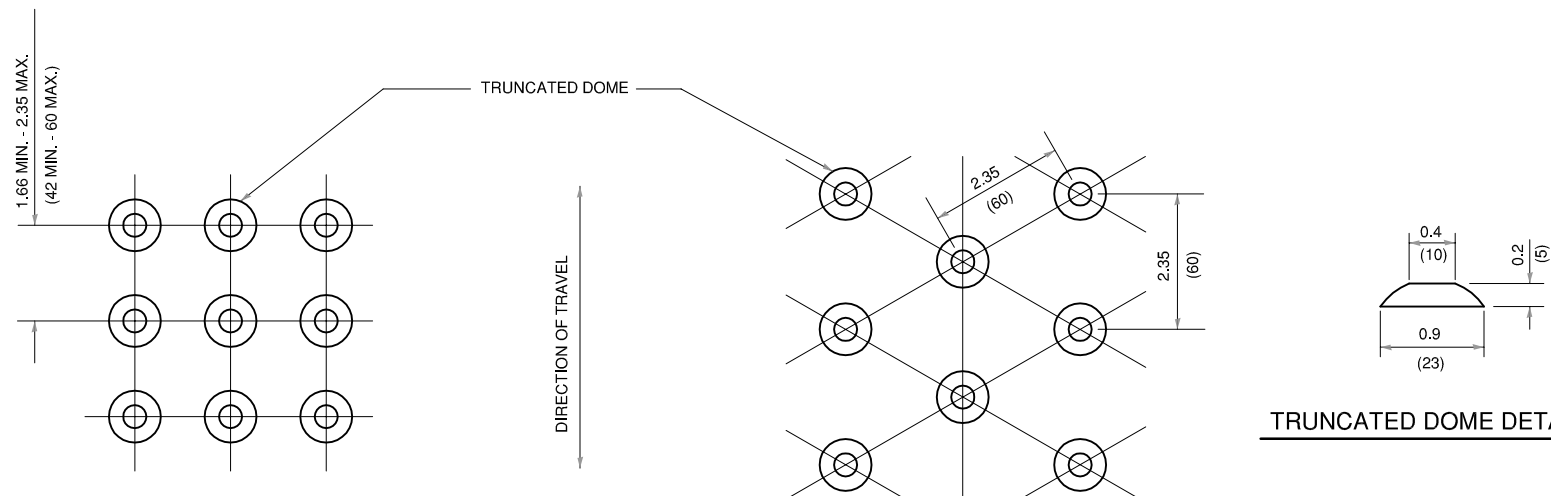


INLET ADJUSTMENT TABLE

STRUCTURE	TYPE GRATE	GRATE SIZE	EXISTING ELEVATION	PROPOSED ELEVATION	NOTES
A-1	ROUND, CLOSED	23"Ø	745.32	745.55	NONE
A-2	ROUND, OPEN	23"Ø	744.74	745.20	NONE
A-3	ROUND, OPEN	23"Ø	744.40	744.90	NONE
A-4	RECTANGULAR, OPEN	26"x 32"	744.10	744.75	SEE NOTE 1
A-5	ROUND, OPEN	33"Ø	744.19	744.44	REMOVE EXISTING "BEEHIVE" GRATE & REPLACE W/NEW NEENAH R-4370 TYPE D GRATE OR APPROVED EQUIVALENT TO MATCH EXISTING GRATES IN PARKING LOT
A-6	ROUND, OPEN	23"Ø	745.08	745.33	NONE
A-7	ROUND, OPEN	23"Ø	746.44	746.44	NO ADJUSTMENT
A-8	ROUND, OPEN	23"Ø	749.06	749.24	SEE NOTE 5

NOTES:

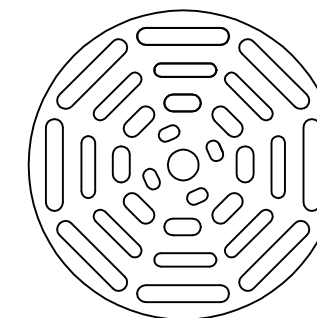
1. THE RECTANGULAR GRATE SHALL BE ADJUSTED USING A RECTANGULAR ADJUSTMENT RING. IF AND ADJUSTMENT IS NOT AVAILABLE IN THIS SIZE/STYLE, THE CONTRACTOR SHALL ADJUST THE INLET TO THE PROPOSED ELEVATION BY PERFORMING AND POURING A CONCRETE ADJUSTMENT COLLAR FOR THE INLET.
2. STRUCTURE A-7 SHALL REMAIN AT ITS EXISTING ELEVATION AND A BUTT JOINT SHALL BE CONSTRUCTED AROUND IT TO TRANSITION THE PROPOSED BITUMINOUS PAVEMENT.
3. ADJUSTMENT RINGS SHALL BE NEENAH R-1779 SERIES OR APPROVED EQUIVALENT.
4. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO ORDERING EACH ADJUSTMENT RING.
5. THE RECTANGULAR GRATE SHALL BE ADJUSTED USING A RECTANGULAR ADJUSTMENT RING. IF AND ADJUSTMENT IS NOT AVAILABLE IN THIS SIZE/STYLE, THE CONTRACTOR SHALL ADJUST THE INLET TO THE PROPOSED ELEVATION BY PERFORMING AND POURING A CONCRETE ADJUSTMENT COLLAR FOR THE INLET. THE CONTRACTOR SHALL FIELD CHECK THE EXISTING INLET AS TO VERIFY DEPTH OF ADJUSTMENT TO ACCOUNT FOR EXISTING BRICK CURRENTLY USED FOR ADJUSTMENT.



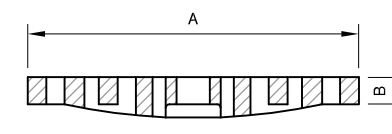
SQUARE PATTERN
(Parallel Alignment)

TRIANGULAR PATTERN

DETECTABLE WARNINGS DETAIL



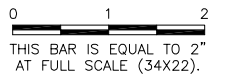
**SERIES R-4370 ROUND
DRAINAGE GRATE**
(OR APPROVED EQUIVALENT)



CUT ELEVATION VIEW

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RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 PAVING & MISCELLANEOUS
 DETAILS

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


LIGHTING PLAN NOTES

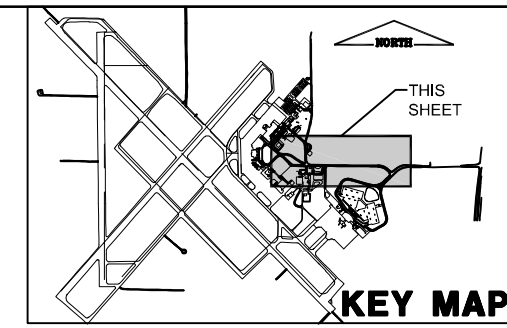
- ① EXISTING LIGHT FIXTURE TO BE REMOVED. CONCRETE POLE TO BE RELOCATED AND REUSED. DISCONNECT POWER, REMOVE POLE TOP TENON AND BOTH LUMINAIRES, AND TURN OVER TO OWNER.
- ② EXISTING LIGHT FIXTURE TO BE REMOVED. CONCRETE POLE TO BE RELOCATED AND REUSED. DISCONNECT POWER, REMOVE DAVIT ARM AND LUMINAIRE, AND TURN OVER TO OWNER.
- ③ EXISTING LIGHT FIXTURE TO BE REMOVED. REMOVE POLE AND TURN OVER TO OWNER. DISCONNECT POWER, REMOVE DAVIT ARM AND LUMINAIRE, AND TURN OVER TO OWNER.
- ④ NEW LIGHT FIXTURE LOCATION. RELOCATE AN EXISTING SALVAGED CONCRETE POLE TO HERE. PROVIDE NEW 90' POLE-TOP TENON ADAPTER AND TWO NEW LUMINAIRES.
- ⑤ NEW LIGHT FIXTURE LOCATION. RELOCATE AN EXISTING SALVAGED CONCRETE POLE TO HERE. PROVIDE NEW POLE-TOP TENON ADAPTER AND NEW LUMINAIRE.
- ⑥ EXISTING ENTRANCE ROAD LIGHT FIXTURE TO REMAIN UNDISTURBED.
- ⑦ EXISTING 10 KVA TRANSFORMER, 120/240V, SINGLE-PHASE SECONDARY. TERMINATE NEW LIGHT FIXTURE 240V POWER WIRING HERE.

NOTES:

- 1) EXISTING LIGHT POLES, DAVIT ARMS AND LUMINAIRES TO BE TURNED OVER TO THE OWNER SHALL BE STOCKPILED BY THE CONTRACTOR ON AIRPORT PROPERTY WHERE DESIGNATED BY THE OWNER. CARE SHALL BE EXERCISED TO PREVENT DAMAGE TO LUMINAIRES.
- 2) PRIOR TO BEGINNING WORK, CONTRACTOR SHALL LOCATE AND TRACE ALL EXISTING LIGHTING CIRCUITS WITHIN THE WORK LIMITS. WHEN AN EXISTING LIGHT POLE IS REMOVED, CONTRACTOR SHALL TRACE CIRCUIT TO NEXT LIGHT POLE TO REMAIN IN SERVICE AND DISCONNECT EXISTING WIRING TO LIGHT POLE TO BE REMOVED AT THIS LIGHT POLE TO REMAIN IN SERVICE. NO EXISTING "DEAD END" CIRCUITS ARE TO REMAIN ENERGIZED AT COMPLETION OF PROJECT.
- 3) NEW LIGHT FIXTURES SHALL BE INSTALLED NOMINALLY 5 FEET FROM EDGE OF NEW ENTRANCE ROAD.

LEGEND

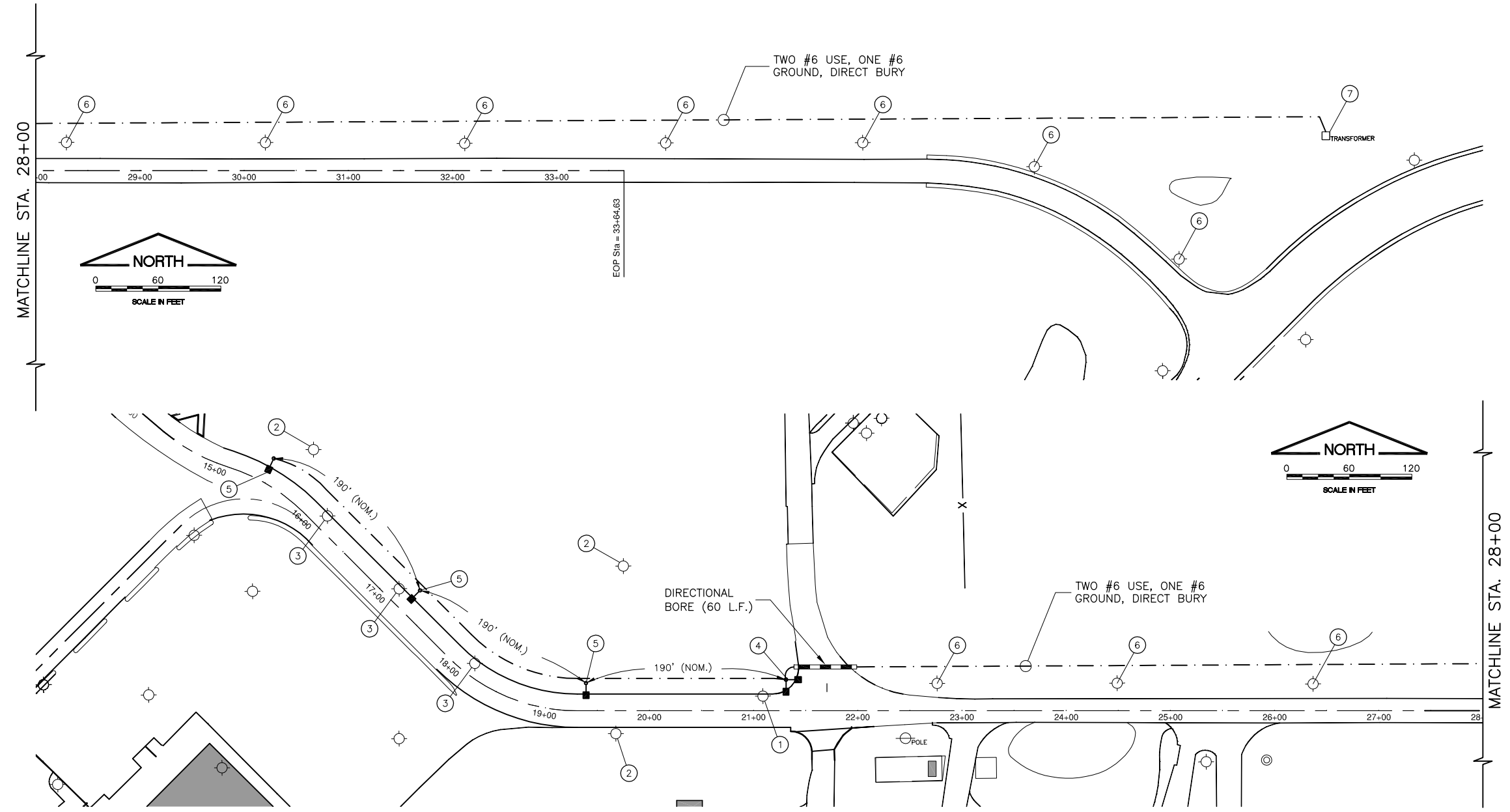
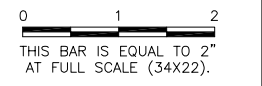
-  EXISTING LIGHT FIXTURE
-  NEW LIGHT FIXTURE
-  NEW LIGHTING CIRCUIT
-  NEW DIRECTIONAL BORE



FILE: LIGHTING PLAN.dwg
 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:24 PM
 Coally
 KEYMAP
 CMI UTILITIES
 UTIL-NONAIRFIELD-ELEC
 util-airfield-elec
 CMI Tower Site TOPO

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RELOCATE ENTRANCE ROADWAY &
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 LIGHTING PLAN

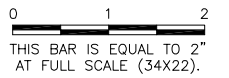
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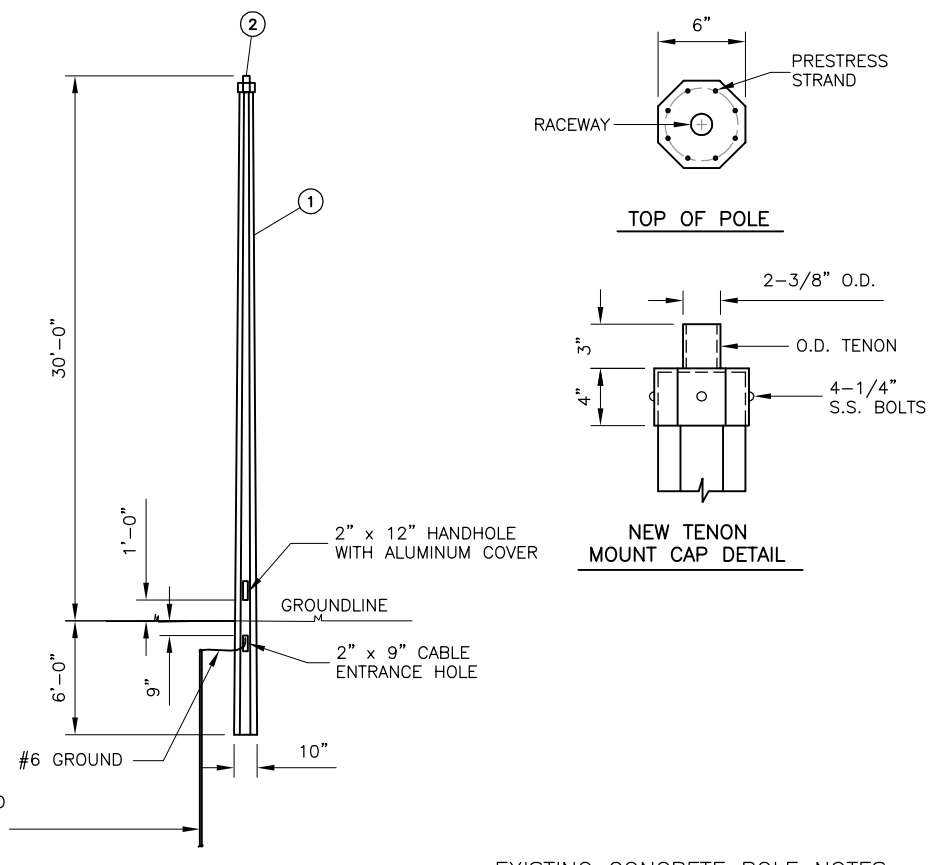
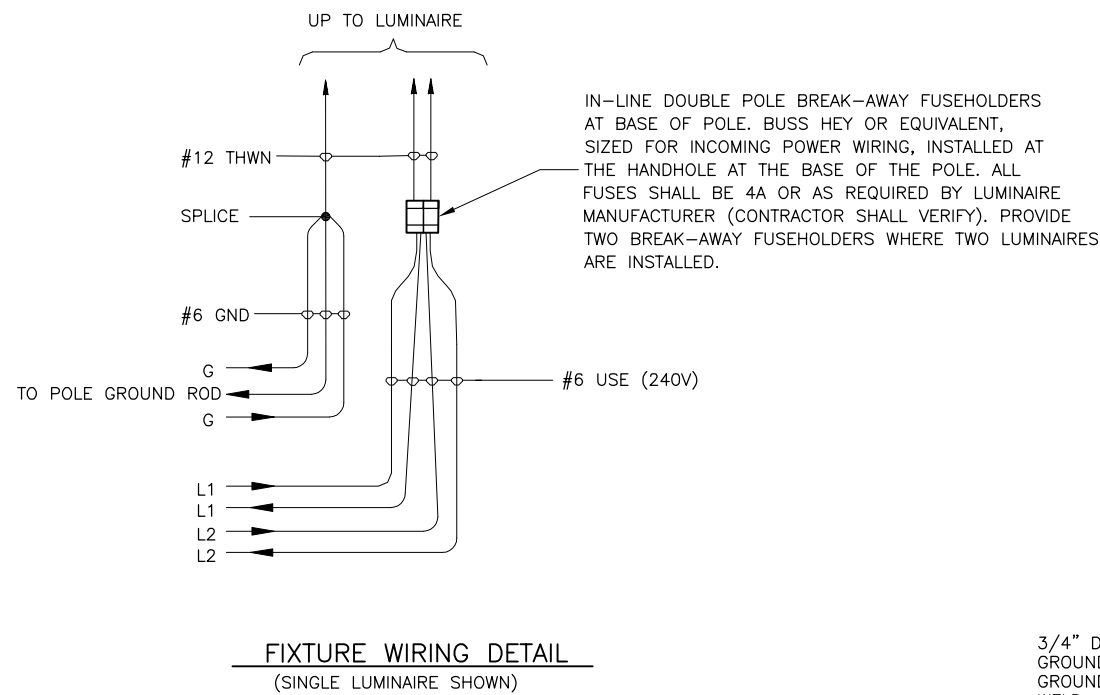
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NEW LUMINAIRE SCHEDULE

NEW LUMINAIRE SHALL BE HOLOPHANE SOMERSET SMST-250HP-MT-BZ-CL-R, 250W HIGH PRESSURE SODIUM, MULTI-TAP BALLAST, BRONZE, TYPE III DISTRIBUTION, WITH TWIST-ON PHOTOCELL, LAMP, AND SINGLE OR 90° POLE-TOP TENON ADAPTER BRACKET FOR USE WITH POLE-TOP TENON SUPPLIED (CONTRACTOR SHALL COORDINATE), OR EQUIVALENT.



CONCRETE POLE DETAIL

UNIVERSITY OF ILLINOIS
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RELOCATE ENTRANCE ROADWAY &
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 LIGHTING DETAILS

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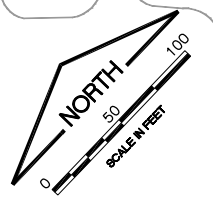
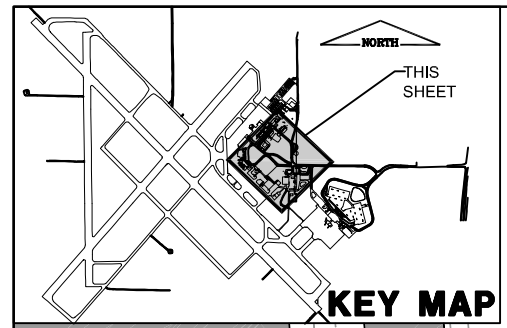
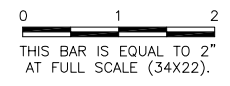


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NOTES:
 1. AREAS DISTURBED OUTSIDE OF THE GRADING LIMITS, SUCH AS FOR LIGHTING INSTALLATION, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND AT NO ADDITIONAL COST TO THE CONTRACT.

LEGENDS

	SEEDING, MULCHING, AND GRADING LIMITS
	SILT FENCE
	INLET PROTECTION
	EXISTING INLET
	EXISTING MANHOLE
	CROSS SECTION

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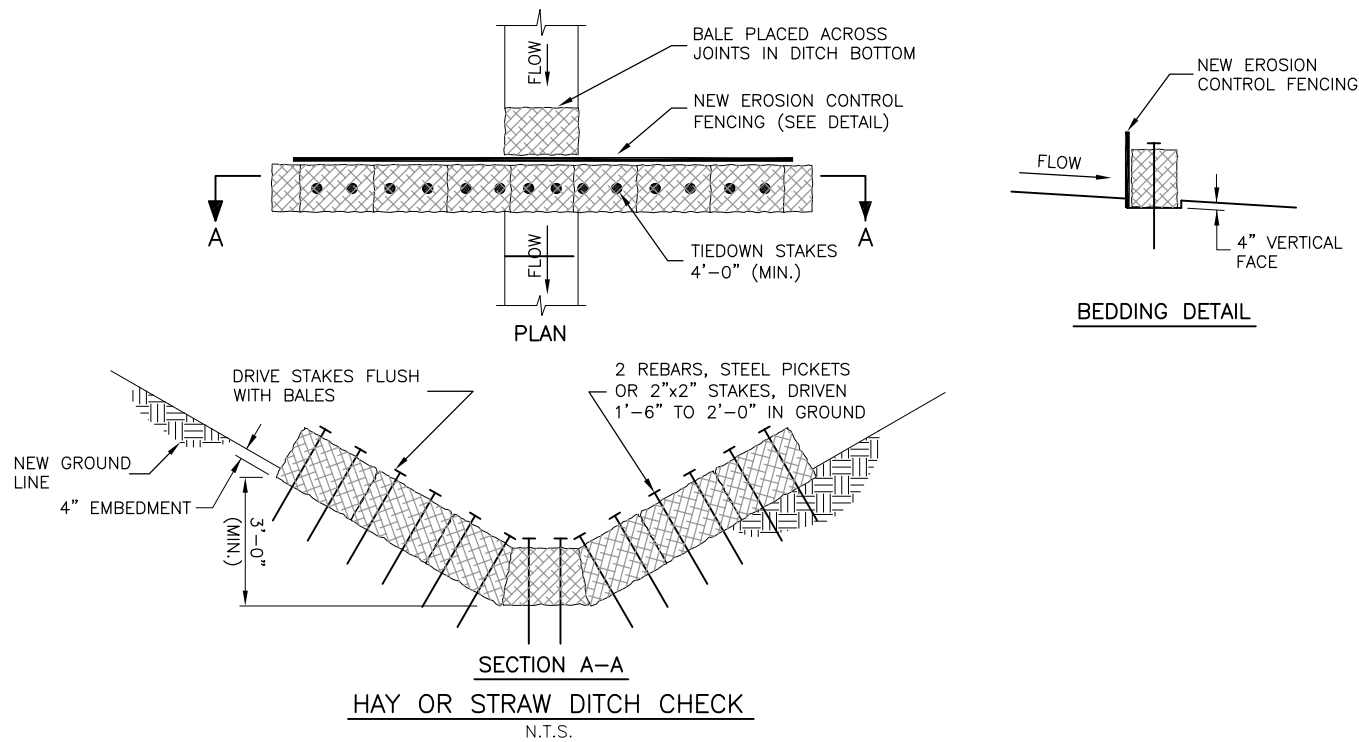
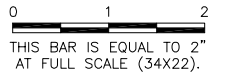
**RELOCATE ENTRANCE ROADWAY &
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 EROSION CONTROL PLAN**

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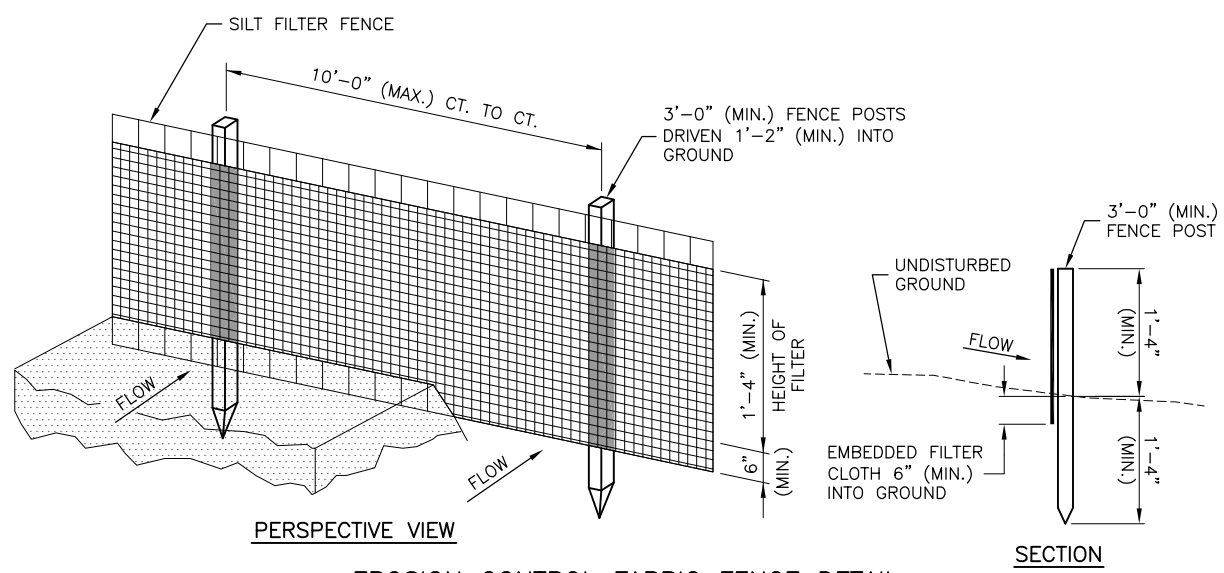
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SECTION A-A
HAY OR STRAW DITCH CHECK
 N.T.S.

NOTES

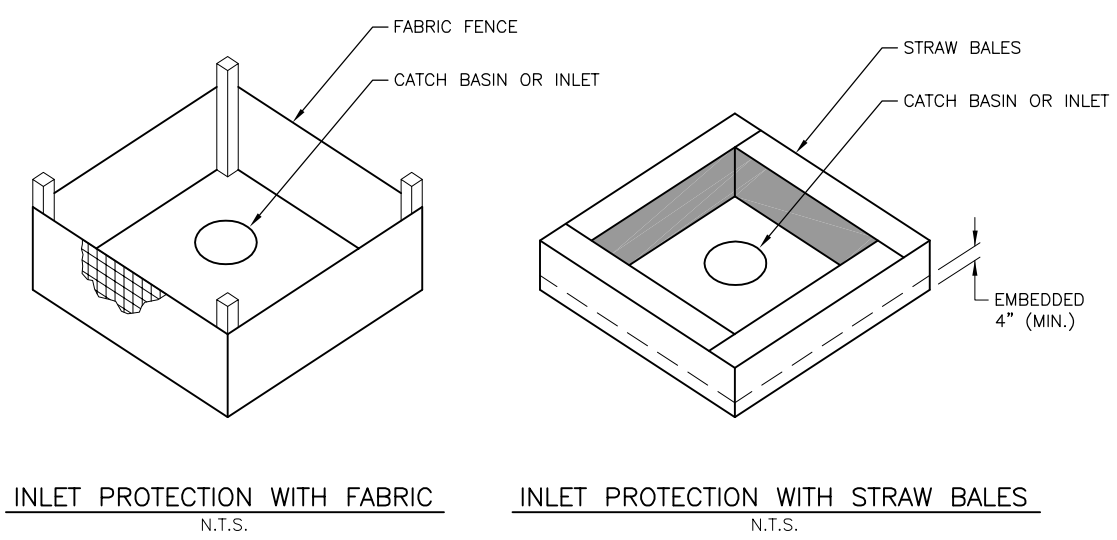
1. BALES SHALL BE PLACED AT THE TOE OF SLOPE OR AS DIRECTED BY THE ENGINEER, AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4", AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR / REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. COST OF REMOVAL / REPLACEMENT TO BE INCLUDED IN UNIT PRICE FOR HAY BALES.



EROSION CONTROL FABRIC FENCE DETAIL
 N.T.S.

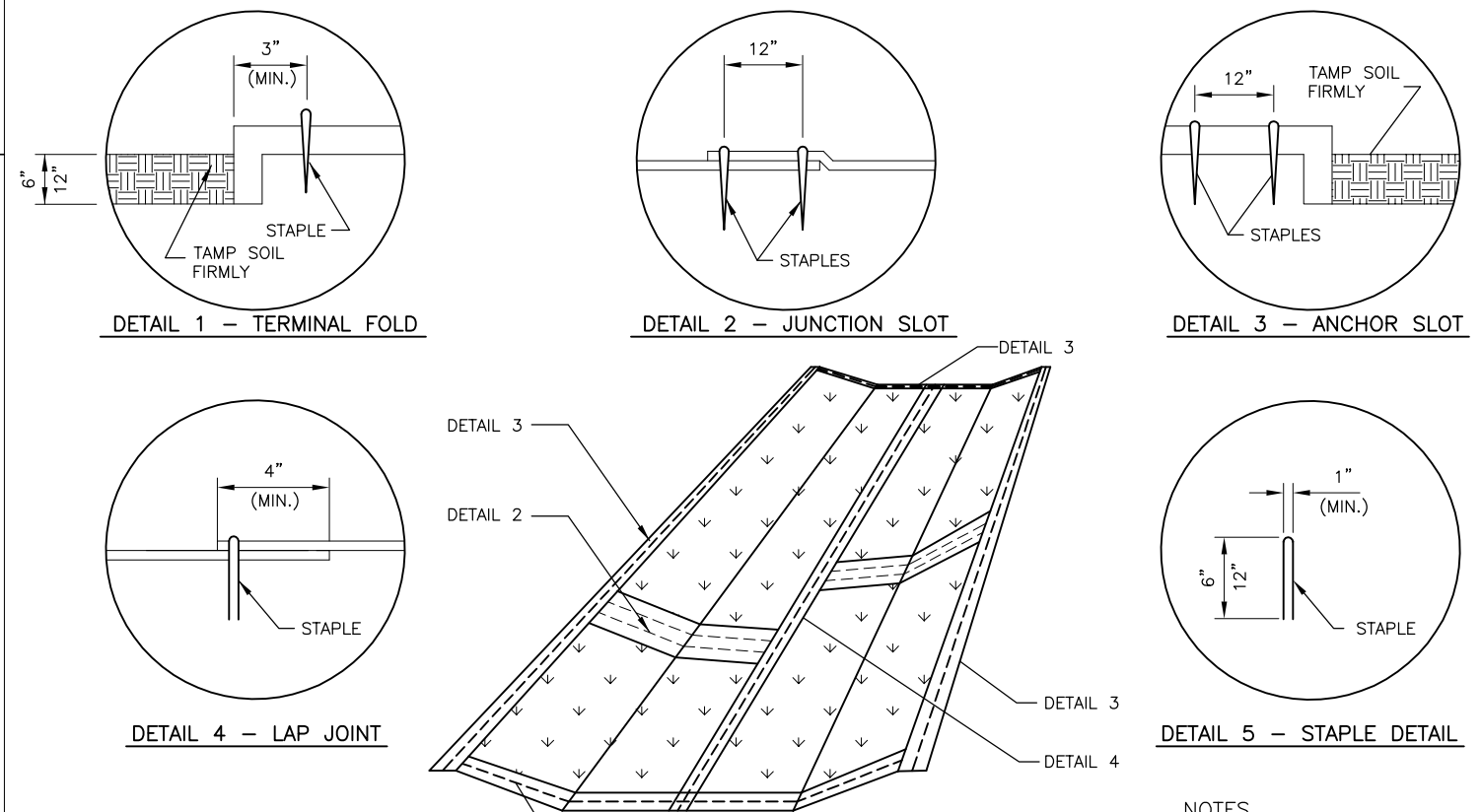
NOTES

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.



INLET PROTECTION WITH FABRIC
 N.T.S.

INLET PROTECTION WITH STRAW BALES
 N.T.S.



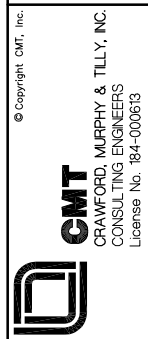
EXCELSIOR BLANKET DETAILS
 N.T.S.

NOTES

1. STAPLES TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART.
2. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
3. ALL TERMINALS ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.
4. EXCELSIOR BLANKET TO BE USED IN LIEU OF MULCH WHEN CONDITIONS LEADING TO EXCESSIVE EROSION OCCURS. EXCELSIOR BLANKET SHALL BE INSTALLED AT NO ADDITIONAL COST TO THE CONTRACT.

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RELOCATE ENTRANCE ROADWAY &
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 EROSION CONTROL DETAILS

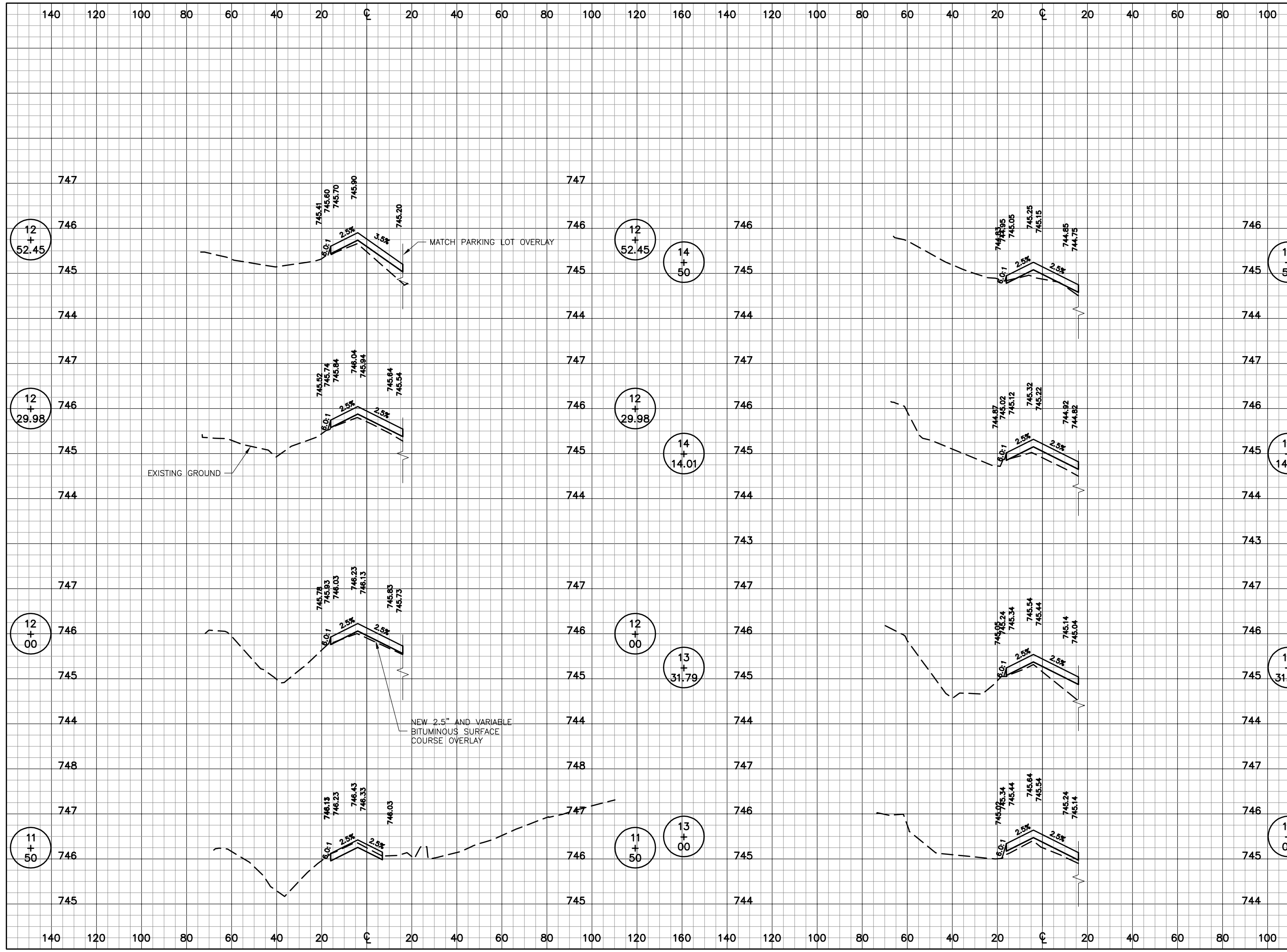
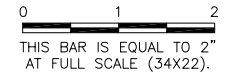


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**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CROSS SECTIONS SHEET 1 STA.
 11+50 TO STA. 14+50**

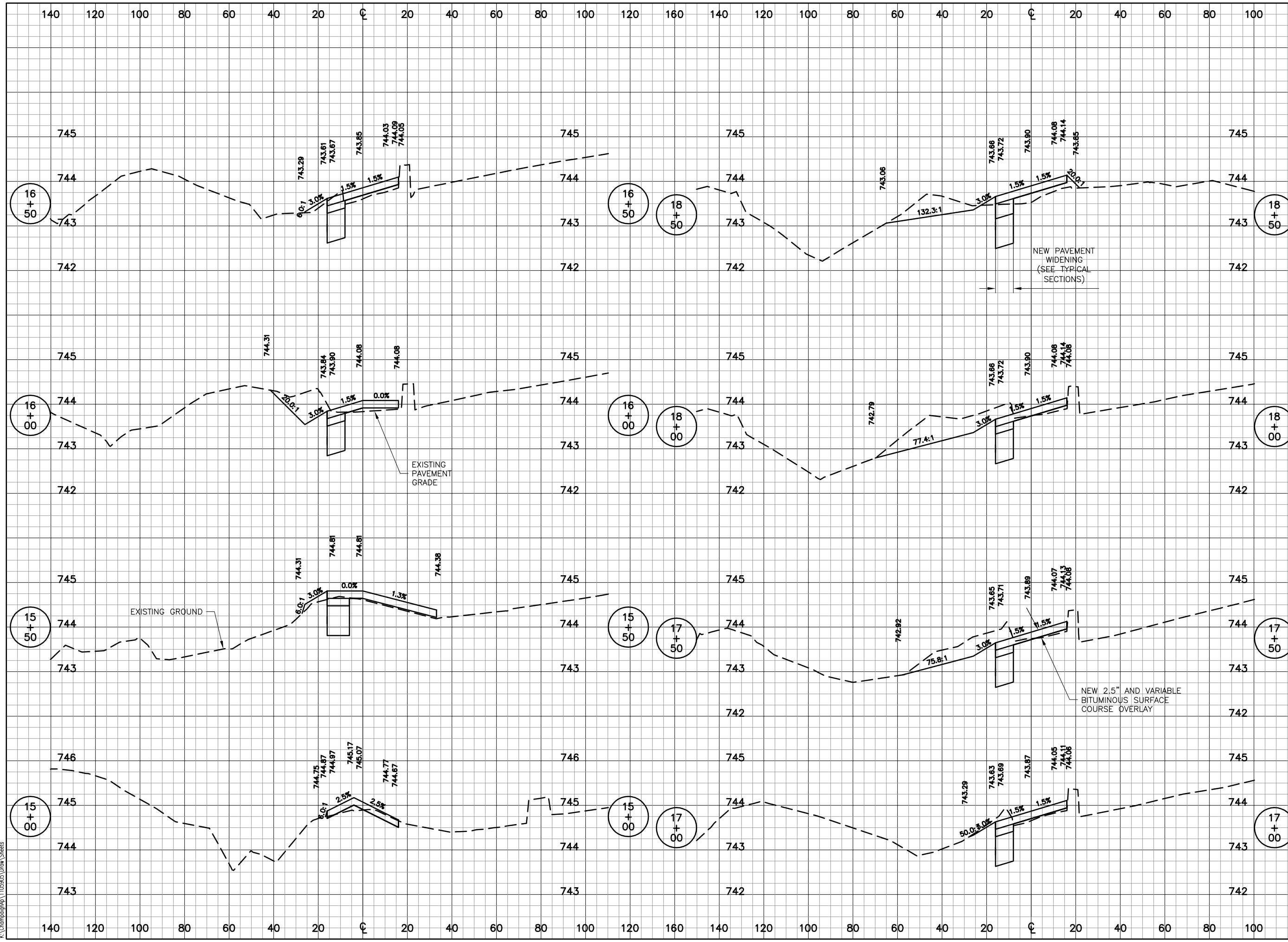
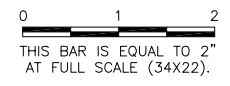
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RELOCATE ENTRANCE ROADWAY &
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 CROSS SECTIONS SHEET 2 STA.
 15+50 TO STA 18+50

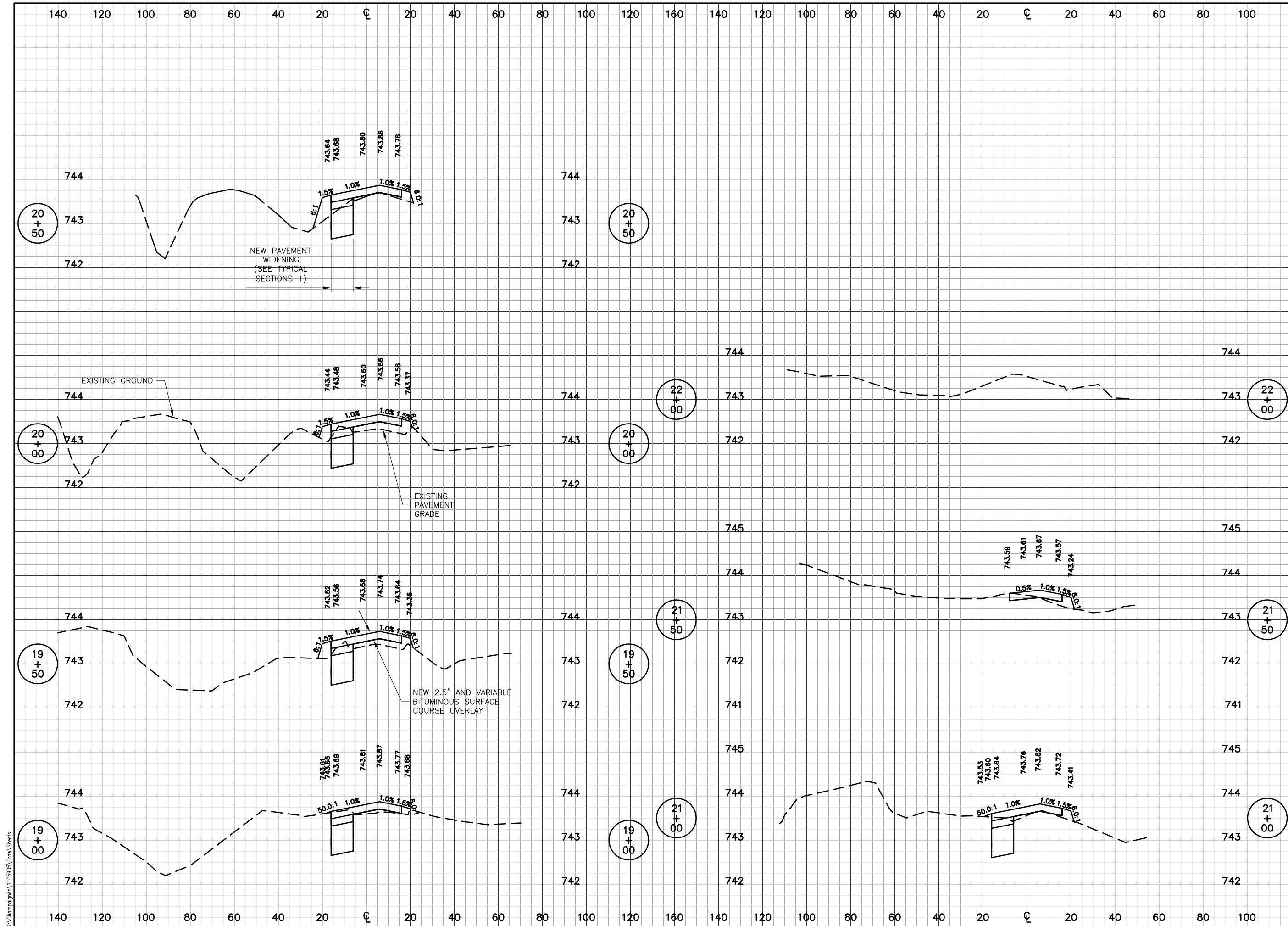
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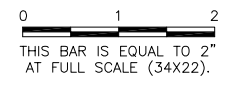
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FILE: X SECTION 3.dwg
 UPDATE BY: Dale Draughan
 PLOT DATE: 5/3/2013 12:24 PM
 rc004001

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REVISIONS		
NUMBER	BY	DATE



**UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, ILLINOIS**

**RELOCATE ENTRANCE ROADWAY &
 REHABILITATE OLD TERMINAL PARKING LOT
 CROSS SECTIONS SHEET 3 STA.
 19+00 TO STA. 22+00**

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