

DI020

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CITY OF DIXON, ILLINOIS

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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



PROJECT IS LOCATED IN SECTION 3,  
TOWNSHIP 21 NORTH,  
RANGE 9 EAST,  
LEE COUNTY, ILLINOIS

**NOTES**

1. WORK MUST BE CONTROLLED AND STAGED. SEE CONSTRUCTION STAGING PLAN.
2. MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT 25 FEET FOR ALL WORK, EXCEPT BY PRIOR APPROVAL OF THE ENGINEER (SEE SPECIAL PROVISIONS).
3. FOR RUNWAY CLOSURE MARKINGS, BARRICADE LOCATIONS AND LATHING AND WARNING TAPE LOCATIONS, SEE CONSTRUCTION STAGING PLAN.
4. FOR ALLOWABLE CONSTRUCTION LIMITS DURING INDIVIDUAL STAGES, SEE CONSTRUCTION STAGING PLAN.
5. TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.
6. TAXIWAY CLOSURES ARE TO BE COMPLETED IN ACCORDANCE WITH THE CONSTRUCTION STAGING PLAN.

**GENERAL NOTES**

**PROJECT DESCRIPTION**

THIS PROJECT IS TO REPAIR AND OVERLAY TAXIWAYS B, D AND E AND REMOVE AND REPLACE APRON FRONTAGE PAVEMENTS AT DIXON MUNICIPAL AIRPORT, INCLUDING, AMONG OTHER INCIDENTAL WORK, THE FOLLOWING ITEMS:

**REPAIR AND OVERLAY TAXIWAYS B, D AND E**

- PATCHING OF PORTIONS OF EXISTING BITUMINOUS TAXIWAY PAVEMENTS.
- CONSTRUCTION OF A BITUMINOUS OVERLAY OF TAXIWAYS B, D AND E AND PORTIONS OF TAXIWAY A.
- CONSTRUCTION OF BITUMINOUS PAVEMENT TAPERS AND TRANSITIONS.
- REGRADING OF EXISTING PAVEMENT SHOULDERS.
- REMARKING OF OVERLAID PAVEMENTS AND ADDITION OF RETROREFLECTIVE TAXIWAY EDGE MARKERS.
- TOPSOILING AND SEEDING AND MULCHING.

**REMOVE AND REPLACE APRON FRONTAGE PAVEMENTS**

- BITUMINOUS PAVEMENT REMOVAL.
- UNCLASSIFIED EXCAVATION.
- CONSTRUCTION OF PROPOSED BITUMINOUS PAVEMENT SECTION INCLUDING DRAINAGE LAYER AND AGGREGATE BASE.
- INSTALLATION OF STORM SEWER AND UNDERDRAINS.
- REGRADING OF EXISTING SWALES.
- TOPSOILING AND SEEDING AND MULCHING.

**PROTECTION OF EXISTING AIRPORT FACILITIES**

THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND LIGHTING EQUIPMENT; DRIVEWAY AND ROAD PAVEMENT AND SHOULDERS; RUNWAY, TAXIWAY AND APRON PAVEMENTS AND SHOULDERS; RUNWAY, TAXIWAY AND AIRPORT LIGHTING EQUIPMENT; AND SEEDED AND TURFED AREAS THAT ARE UTILIZED IN OR AFFECTED BY THE CONTRACTOR'S ACTIVITIES. ITEMS DAMAGED BY THE CONTRACTOR ARE TO BE REPAIRED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE AIRPORT OWNER AND THE RESIDENT ENGINEER.

IN ADDITION WHEN CONDITIONS DICTATE OR AS DETERMINED BY THE AIRPORT OWNER OR THE RESIDENT ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO USE A PICK-UP TYPE SWEEPER IN ALL ACTIVE CONSTRUCTION AIRFIELD PAVEMENT AREAS AND ROADS USED AS HAUL ROUTES. THE CONTRACTOR WILL BE REQUIRED TO HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. THE COST OF SWEEPING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

**CONTRACTOR'S ACCESS AND TEMPORARY FACILITIES**

CONTRACTOR'S ACCESS TO THE PROJECT WHEN ON AIRPORT PROPERTY IS SHOWN ON THIS SHEET. CONTRACTOR'S ACCESS TO THE AIRPORT ITSELF IS TO BE PROVIDED BY PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR IS TO SECURE ALL NECESSARY PERMITS FOR THE USE OF ANY PUBLIC RIGHTS-OF-WAY AND IS TO MAINTAIN TRAFFIC ON THESE PUBLIC ROADS AT ALL TIMES, WITH THE COSTS OF PERMITTING, CLEANING AND REPAIRING OF PAVEMENT DAMAGED BY CONTRACTOR'S ACTIVITIES INCIDENTAL TO THE CONTRACT. USE OF AND REPAIRS TO ANY PUBLIC FACILITIES ARE TO BE COMPLETED TO THE SATISFACTION OF THE FACILITY'S OWNER.

THE CONTRACTOR IS TO PROVIDE TEMPORARY HAUL ROUTE AT THE LOCATION SHOWN ON THIS SHEET AND AS DETAILED. THE HAUL ROUTE WILL BE PAID UNDER ITEM AR150540. OTHER TEMPORARY CONSTRUCTION ROADS WITHIN THE CONSTRUCTION LIMIT LINES AS MAY BE REQUIRED BY HIS ACTIVITIES AT HIS OWN EXPENSE AND DISCRETION, SUBJECT TO THE APPROVAL OF THE RESIDENT ENGINEER. HEAVY VEHICLES SHALL NOT CROSS EXISTING OR NEW PAVEMENT SURFACES EXCEPT AS APPROVED BY THE AIRPORT OWNER AND THE RESIDENT ENGINEER. ANY DAMAGE TO PAVEMENTS THAT MAY OCCUR BY THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE AIRPORT OWNER AND THE RESIDENT ENGINEER.

THE CONTRACTOR IS TO PROVIDE CONTRACTOR'S EQUIPMENT STORAGE AND PARKING AREAS AT THE LOCATIONS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE UTILIZING AN EXISTING GATED ENTRANCE ON THE AIRPORT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE CONSTRUCTION ENTRANCE AND ACCESS, ROADS AND THE STORAGE AREA DURING CONSTRUCTION AND TO RESTORE THE AREAS AT PROJECT COMPLETION TO CONDITIONS SUITABLE TO THE AIRPORT OWNER AND THE RESIDENT ENGINEER. AT THE AIRPORT OWNER'S DISCRETION, THE TEMPORARY FACILITIES MAY REMAIN, BUT THEY MUST BE LEFT IN CONDITIONS SUITABLE TO THE AIRPORT OWNER. THE COST OF PROVIDING, MAINTAINING AND RESTORING THE TEMPORARY FACILITIES IS INCIDENTAL TO THE CONTRACT.

**RESPONSIBILITY FOR EXISTING UTILITIES**

THE LOCATION, SIZE AND/OR TYPE OF MATERIAL OF EXISTING UNDERGROUND OR OVERHEAD UTILITIES AS MAY BE INDICATED ON THESE CONSTRUCTION PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE PROJECT ENGINEER HAVE INDEPENDENTLY VERIFIED THIS INFORMATION AND NEITHER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, SUFFICIENCY OR COMPLETENESS OF THE INFORMATION AND GIVE NO EXPRESSED OR IMPLIED GUARANTEE THAT ANY CONDITIONS INDICATED ARE REPRESENTATIVE OF ACTUAL CONDITIONS TO BE ENCOUNTERED.

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 ALL UTILITY COMPANIES AND AGENCIES OF HIS CONSTRUCTION PLANS AND SHALL OBTAIN FROM EACH PARTY DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF ALL UTILITIES AND THE WORKING SCHEDULE OF ANY REMOVALS OR ADJUSTMENTS REQUIRED OF THE UTILITY. THE CONTRACTOR SHALL CONTACT JULIE (PHONE 800-892-0123) TO ASSIST IN THE ABOVE.

THE CONTRACTOR SHALL PROTECT ANY FACILITIES TO THE SATISFACTION OF THE UTILITY OR OWNING-AGENCY WITH THE COST OF ANY REQUIRED PROTECTION TO BE INCIDENTAL TO THE CONTRACT. IN THE EVENT A UTILITY LINE OR SERVICE IS UNEXPECTEDLY ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RESIDENT ENGINEER AND THE UTILITY COMPANY OR AGENCY OF JURISDICTION, ANY SUCH UTILITIES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO SERVICE AT ONCE.

**EXISTING BENCHMARK**

BENCHMARK IS AS FOLLOWS:

ELEVATION: 772.78 (NAVD 88)  
CUT SQUARE ON RIM OF INLET NEAR WEST END OF RUNWAY 12 NORTH OF CENTERLINE.  
COORDINATES OF INLET (STATE-PLANE ILLINOIS-WEST COORDINATES, NAD 83): N: 1883684.499  
E: 2492285.44

OTHER TEMPORARY BENCHMARKS ARE LOCATED ON-FIELD BUT THEIR USE MUST BE FIELD-VERIFIED.

No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005  
Sheet Title:

**SITE PLAN AND GENERAL NOTES**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK  
Drawn By

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CONSTRUCTION AND SAFETY NOTES

SEQUENCE OF CONSTRUCTION

TO MINIMIZE DISRUPTIONS TO AIRPORT OPERATIONS, CONSTRUCTION OPERATIONS MUST BE CONTROLLED THROUGHOUT THE PROJECT'S DURATION AND WORK MUST BE COMPLETED EXPEDITIOUSLY.

LATHING AND WARNING TAPE

THE PROJECT WILL REQUIRE THE PLACEMENT OF LATHING AND WARNING TAPE TO DELINEATE THE CONSTRUCTION AREA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE, PLACE AND MAINTAIN LATHING AND WARNING TAPE AS SHOWN ON THE CONSTRUCTION STAGING PLAN, AND DETAIL A, THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND THE AIRPORT OWNER.

RUNWAY CLOSURE

THE PROJECT WILL REQUIRE THE PLACEMENT OF RUNWAY CLOSURE MARKINGS, SEE STAGING PLAN. TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS ASSOCIATED WITH THE RUNWAY CLOSURE, CONSTRUCTION WORK MUST BE COMPLETED EXPEDITIOUSLY.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL AND MAINTAIN RUNWAY CLOSURE MARKERS AT THE LOCATIONS SHOWN IN THE STAGING PLAN, SEE DETAIL D, THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT OWNER.

THE AIRPORT OWNER WILL DE-ENERGIZE ASSOCIATED AIRFIELD LIGHTING WHEN THE RUNWAY IS CLOSED.

TEMPORARY BARRICADES ON AIRFIELD

THE PROJECT WILL ALSO REQUIRE THE OCCASIONAL, TEMPORARY CLOSING OF SEGMENTS OF ACTIVE TAXIWAYS AND APRONS. AIRFIELD BARRICADES WILL BE REQUIRED FOR ALL TAXIWAY AND APRON CLOSURES.

OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIAL AT THE CONSTRUCTION SITE SHALL ALSO BE DELINEATED WITH THE USE OF BARRICADES DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, PLACE AND MAINTAIN BARRICADES AS SHOWN IN THE STAGING PLAN, AND DETAIL B, THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT OWNER.

AIRFIELD OPERATIONAL SAFETY DURING CONSTRUCTION

ALL CONSTRUCTION TRAFFIC AND PERSONNEL SHALL REMAIN WITHIN THE CONSTRUCTION LIMIT LINE SHOWN ON THE STAGING PLAN FOR THE STAGE CURRENTLY UNDER CONSTRUCTION. CONTRACTOR'S PERSONNEL AND EQUIPMENT MUST REMAIN AT LEAST 125 FEET FROM THE CENTERLINE OF ACTIVE RUNWAYS, 700 FEET FROM THE END OF ACTIVE RUNWAYS (500 FEET IF STAGED CONSTRUCTION DISPLACEMENT IS IMPLEMENTED), 50 FEET FROM THE CENTERLINE OF ACTIVE TAXIWAYS, AND 10 FEET FROM THE EDGE OF ACTIVE APRONS.

WHEN IT IS NECESSARY FOR CONSTRUCTION VEHICLES TO OPERATE ON OR WITHIN THESE LIMITS, THE RUNWAY, TAXIWAYS OR APRON MUST BE CLOSED. THE CONTRACTOR WILL PROVIDE POSITIVE CONTROL OF CONSTRUCTION VEHICLES USING RADIO-EQUIPPED FLAGGERS.

WHEN NOT IN USE AND DURING NONWORKING HOURS, CONTRACTOR'S EQUIPMENT SHALL BE PARKED WITHIN THE CONTRACTOR'S EQUIPMENT STORAGE AND PARKING AREAS. THE EQUIPMENT STORAGE AND PARKING AREAS ARE TO BE LOCATED AS SHOWN ON THE STAGING PLAN.

AT NO TIME SHALL THE CONTRACTOR OPERATE OR PARK EQUIPMENT SO AS TO OBSTRUCT AN ACTIVE RUNWAY APPROACH SURFACE.

BEFORE REOPENING TEMPORARILY CLOSED RUNWAYS, TAXIWAYS OR ROADWAYS, THE CONTRACTOR SHALL INSPECT AND CLEAN, AS NECESSARY, THE PAVEMENT TO ASSURE THAT NO MATERIALS OR OBJECTS THAT MAY DAMAGE AIRCRAFT OR VEHICLES REMAIN.

CONSTRUCTION EQUIPMENT AND MATERIALS HAUL ROUTE (SOUTH)

A CONSTRUCTION EQUIPMENT AND MATERIALS HAUL ROUTE IS TO BE CONSTRUCTED AT THE LOCATION SHOWN ON THE SITE PLAN AND IN ACCORDANCE WITH DETAIL C, THIS SHEET. ALL CONTRACTOR VEHICLES SHALL USE THIS AS SITE ACCESS FOR WORK ON TAXIWAY E (SOUTH OF RUNWAY 8-26).

NOTIFICATIONS BY CONTRACTOR

THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT OWNER 7 DAYS IN ADVANCE OF THE CONTRACTOR'S CLOSING OF ACTIVE RUNWAYS, TAXIWAYS AND APRONS. THE DATE, TIME AND SCHEDULED DURATION OF THE CLOSING MUST BE APPROVED BY THE RESIDENT ENGINEER AND THE AIRPORT OWNER.

CONTRACTOR'S USE OF SITE

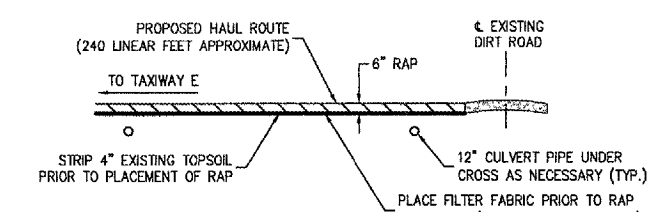
THE CONTRACTOR SHALL NOT OPERATE WITHIN, ENCROACH UPON OR OBSTRUCT AIRPORT OPERATIONAL AREAS, INCLUDING ACTIVE RUNWAY, TAXIWAYS AND APRON SAFETY AREAS, OBJECT AND OBSTACLE FREE ZONES, RUNWAY PROTECTION ZONES AND AIRPORT IMAGINARY SURFACES AS DEFINED IN FEDERAL AVIATION REGULATIONS (FAR) PART 77, "OBJECTS AFFECTING NAVIGABLE AIRSPACE".

UTILITY OUTAGES AND SHUTDOWNS

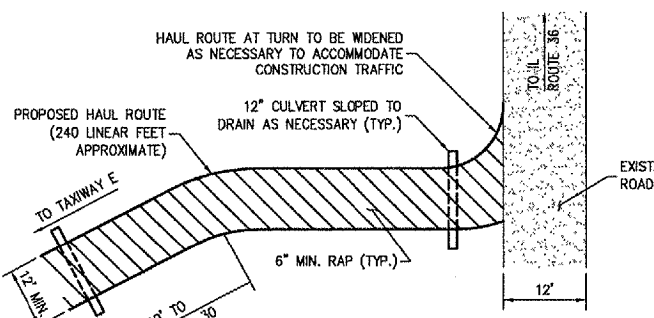
THE CONTRACTOR SHALL PROVIDE 72 HOURS PRIOR NOTICE OF ANY OUTAGES OR SHUTDOWNS TO THE OWNER AND THE AGENCY OWNING THE AFFECTED UTILITY. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY CONNECTIONS OR OTHER MEASURES AS MAY BE REQUIRED TO MAINTAIN SERVICE AS MAY BE REQUIRED BY THE OWNING AGENCY AT NO COST TO THE OWNER.

AVAILABLE SOIL DATA

DETAILED SOIL TEST MATERIAL FOR THE APRON AREA IS AVAILABLE UPON REQUEST. SOIL BORINGS ARE INCLUDED WITH THE PLANS. ADDITIONAL BORING INFORMATION AND INFORMATION ON SOIL TESTS IS MADE AVAILABLE SOLELY FOR THE CONVENIENCE OF THE BIDDER AND/OR CONTRACTOR.



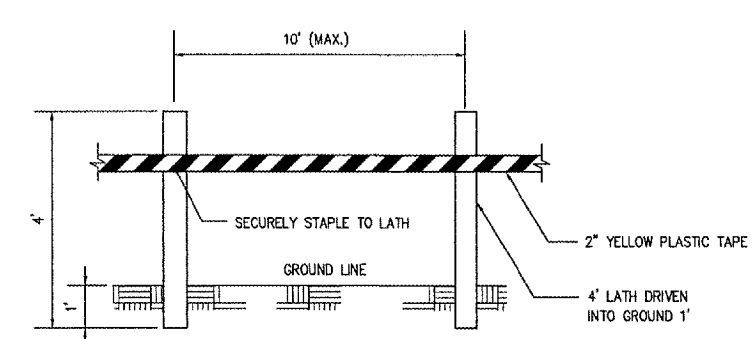
CROSS SECTION



PLAN

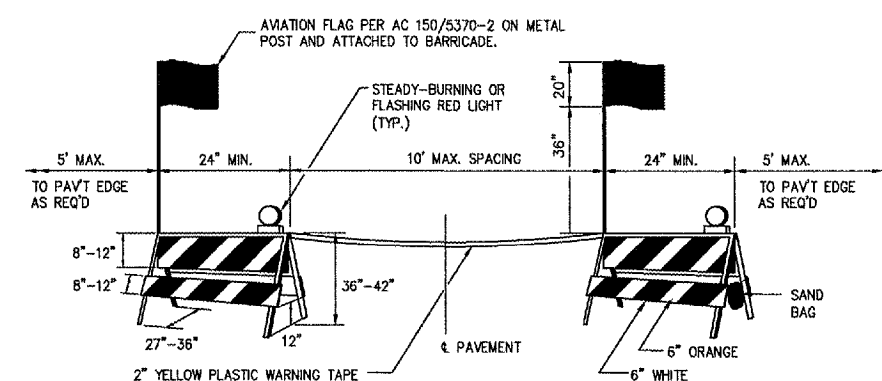
- NOTES: 1. STRIP 4" OF EXISTING TOPSOIL PRIOR TO PLACEMENT OF RAP. 2. REPAIR RUTS AND HOLES OF EXISTING DIRT ROAD PRIOR TO INSTALLATION OF HAUL ROUTE. COST IS INCIDENTAL TO ITEM AR150540. 3. RAP SHALL MEET SPECIFICATIONS. SEE SPECIAL PROVISIONS. RECYCLED CONCRETE EQUIVALENT MAY BE USED, TWO INCH MAXIMUM SIZE. 4. HAUL ROUTE THICKNESS SHALL NOT BE LESS THAN SIX INCHES. 5. HAUL ROUTE WIDTH SHALL BE 12 FEET MINIMUM. 6. PLACE FILTER FABRIC PRIOR TO RAP PLACEMENT FOR FULL WIDTH OF HAUL ROUTE. FABRIC TO BE MIRAFI 160N OR APPROVED EQUAL. COST INCIDENTAL TO ITEM AR150540. 7. SURFACE WATER FLOWING OR DIVERTED SHALL BE CARRIED IN CULVERT (CMP, STELL OR HDPE). 8. THE HAUL ROUTE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL RAP AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY. 9. PERIODIC INSPECTION SHALL BE PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT. 10. HAUL ROUTE TO BE REMOVED AT PROJECT END. AREA TO BE RESTORED AND RESEEDED (SEE LANDSCAPING PLAN) AND LEFT IN A CONDITION SATISFACTORY TO THE RESIDENT ENGINEER. AT RESIDENT ENGINEER'S OPTION, THE HAUL ROUTE CAN REMAIN. 11. COST OF INSTALLING, MAINTAINING, REMOVING AND RESTORING HAUL ROUTE SHALL BE PAID UNDER ITEM AR150540 EXCEPT FOR SEEDING AND MULCHING, PAID UNDER AR801510 AND AR908510. SEEDING AND MULCHING LIMITED TO 0.1 ACRES. ADDITIONAL SEEDING AND MULCHING NECESSARY TO RESTORE HAUL ROUTE AREA AT CONTRACTOR'S EXPENSE.

DETAIL C TAXIWAY E (SOUTH) HAUL ROUTE



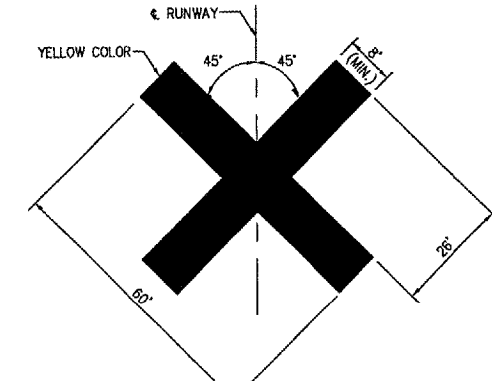
MATERIALS ARE TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION. COST OF MATERIALS, INSTALLATION, RELOCATION AND MAINTENANCE OF LATHING AND WARNING TAPE IS TO BE INCIDENTAL TO THE CONTRACT.

DETAIL A LATHING AND WARNING TAPE



BARRICADES ARE TO BE OF IDOT TYPE I. A STEADY-BURNING OR FLASHING RED LIGHT FACING PASSING TRAFFIC IS TO BE MOUNTED ABOVE THE TOP OF EACH BARRICADE FRAME. THE BARRICADE IS TO BE STABILIZED FROM WIND BY SANDBAGS PLACED ON THE FRAME OR OTHER METHODS APPROVED BY THE RESIDENT ENGINEER. NO PART OF THE REFLECTORIZED PORTION OF THE BARRICADE IS TO BE OBSTRUCTED IN ANY MANNER. COST OF FURNISHING, INSTALLING, RELOCATING AND MAINTAINING BARRICADES IS TO BE INCIDENTAL TO THE CONTRACT.

DETAIL B PAVEMENT BARRICADES



- NOTES: 1. THE CONTRACTOR SHALL USE RUNWAY CLOSED MARKERS AS FURNISHED BY THE AIRPORT OWNER. THE AIRPORT HAS TWO (2) VINYL MARKERS. 2. CONTRACTOR SHALL LOCATE THE MARKERS ON TOP OF THE RUNWAY NUMERALS DURING CLOSURE OF THE RUNWAY. 3. MARKERS TO BE SECURED BY CONTRACTOR AS RECOMMENDED BY MANUFACTURER. 4. COST OF INSTALLING, RELOCATING AND MAINTAINING MARKERS SHALL BE INCIDENTAL TO THE CONTRACT.

DETAIL D TEMPORARY CLOSED RUNWAY MARKER

DETAILS SHOWN ARE NOT TO SCALE

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DIXON MUNICIPAL AIRPORT CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E; REHABILITATE FRONTAGE APRON PAVEMENT

AIP PROJECT NO. 3-17-0036-B7 IDA PROJECT NO. C73-3436

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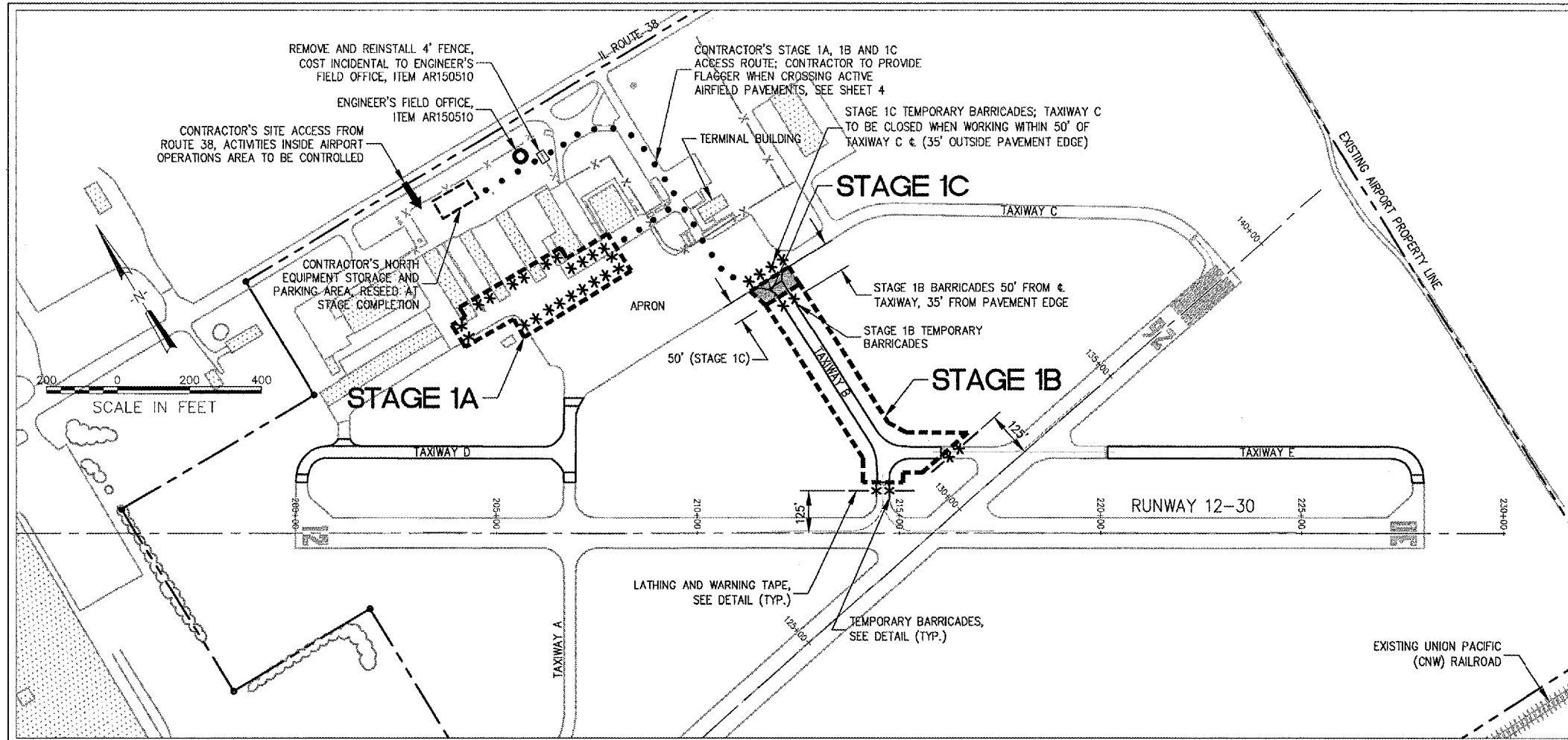
Date 11 MARCH 2005 Sheet Title

CONSTRUCTION AND SAFETY NOTES AND DETAILS

Table with 2 columns: Project Number, Date. Rows include Project Number: 843-04B8007, Project Number: KLK 02/03/05, Layout By: KLK, TMM 02/03/05, Designed By: RMH 03/11/05, Reviewed By: KLK, Drawn By: KLK.

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### STAGE 1A, 1B AND 1C

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**NOTES:**

- STAGE 1 TO BEGIN AT NOTICE-TO-PROCEED.
- ALL CONTRACTOR'S ACTIVITIES SHALL BE LIMITED TO THE STAGE 1 AREAS AS SHOWN.
- ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 25 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER.
- SEE CONSTRUCTION AND SAFETY NOTES, SHEET 4.

**THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 1:**

- STAGE 1A MUST START PRIOR TO STAGES 1B AND 1C START. STAGES 1B AND 1C TO START PRIOR TO STAGE 1A COMPLETION.
- STAGES 1B AND 1C TO BE COMPLETED SEQUENTIALLY.
- PLACE LATHING AND WARNING TAPE AND BARRICADES AS SHOWN.
- INSTALL TEMPORARY SOIL EROSION CONTROL MEASURES AS REQUIRED.
- INSTALL APRON FRONTAGE STORM SEWER PIPE AND DRAINAGE STRUCTURES.
- REMOVE EXISTING APRON FRONTAGE BITUMINOUS PAVEMENT AND UNDERCUT.
- INSTALL GEOTEXTILE FABRIC OVER SUBGRADE IN APRON FRONTAGE AREA.
- PLACE DRAINAGE LAYER IN APRON FRONTAGE AREA.
- MILL EXISTING TAXIWAY CRACKS WITHIN STAGE 1B AND 1C LIMITS AND PLACE PAVEMENT MILLINGS IN APRON FRONTAGE AREA.
- PLACE AGGREGATE BASE IN APRON FRONTAGE AREA.
- INSTALL UNDERDRAINS IN APRON FRONTAGE AREA.
- COMPLETE TAXIWAY PARTIAL DEPTH PATCHES WITHIN STAGE 1B AND 1C LIMITS.
- OVERLAY TAXIWAY PAVEMENTS WITHIN STAGE 1B AND 1C LIMITS.
- CONSTRUCT APRON FRONTAGE BITUMINOUS PAVEMENT.
- FILL SHOULDERS ALONG TAXIWAY PAVEMENT EDGES WITHIN STAGE 1B AND 1C LIMITS.
- REGRADE APRON FRONTAGE SHOULDER AND SWALE.
- PLACE TOPSOIL, SEEDING AND MULCHING WITHIN TAXIWAY STAGE 1B AND 1C LIMITS AND APRON FRONTAGE AREA.
- PLACE TAXIWAY PAVEMENT MARKINGS AND RETROFLECTIVE TAXIWAY EDGE MARKERS WITHIN STAGE 1B AND 1C LIMITS. (SEE STAGE 2A NOTES.)
- REMOVE ANY REMAINING DEBRIS AND SWEEP PAVEMENTS WITHIN ALL STAGE 1 LIMITS.
- REMOVE LATHING AND WARNING TAPE AND BARRICADES.



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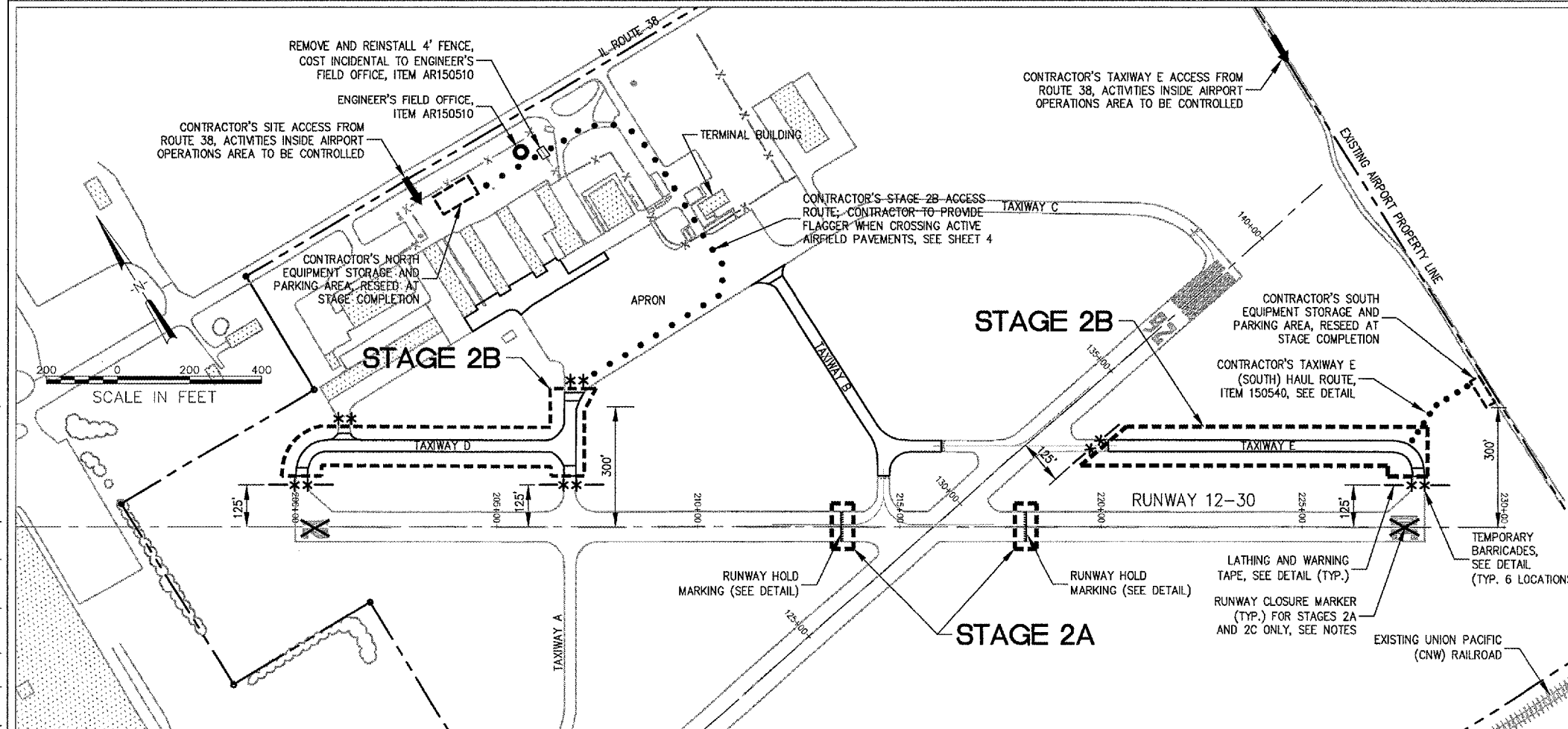


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 CHARLES R. WALGREEN FIELD**

**OVERLAY TAXIWAYS B, D AND E;  
 REHABILITATE FRONTAGE APRON  
 PAVEMENT**

**AIP PROJECT NO. 3-17-0036-B7  
 IDA PROJECT NO. C73-3436**



### STAGE 2A, 2B AND 2C

**NOTES:**

- STAGE 2 TO BEGIN UPON COMPLETION OF STAGE 1 AND WITH APPROVAL OF THE RESIDENT ENGINEER.
- ALL CONTRACTOR'S ACTIVITIES SHALL BE LIMITED TO THE STAGE 2 AREAS AS SHOWN.
- STAGE 2A MAY BE COMPLETED DURING STAGE 1C PROVIDED RUNWAY 12-30 IS CLOSED.
- ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 25 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER.
- CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 8-26.
- SEE CONSTRUCTION AND SAFETY NOTES, SHEET 4.
- RUNWAY 12-30 TO BE CLOSED WHILE ANY MARKINGS OR EDGE MARKERS PLACED WITHIN 125' OF THE RUNWAY 12-30 CENTERLINE.

**THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 2A:  
 (STAGE 2A WORK MAY BE COMPLETED DURING STAGE 1C PROVIDED RUNWAY 12-30 IS  
 CLOSED AND STAGE 2A PROCEDURES ARE FOLLOWED.)**

- CLOSE RUNWAY 12-30.
- PLACE PAVEMENT MARKINGS WITHIN STAGE 2A LIMITS.
- REOPEN RUNWAY 12-30.

**THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 2B:**

- PLACE LATHING AND WARNING TAPE AND BARRICADES AS SHOWN.
- INSTALL TEMPORARY SOIL EROSION CONTROL MEASURES AS REQUIRED.
- COMPLETE HAUL ROUTE
- COMPLETE PARTIAL DEPTH PATCHES WITHIN STAGE 2B LIMITS.
- OVERLAY PAVEMENTS WITHIN STAGE 2B LIMITS.
- FILL SHOULDERS ALONG PAVEMENT EDGES WITHIN STAGE 2B LIMITS.
- PLACE TOPSOIL, SEEDING AND MULCHING WITHIN STAGE 2B LIMITS.
- REMOVE HAUL ROUTE AND RESEED.
- COMPLETE PAVEMENT MARKINGS AND RETROFLECTIVE TAXIWAY EDGE MARKERS WITHIN STAGE 2B LIMITS.
- REMOVE LATHING AND WARNING TAPE AND BARRICADES AND SOIL EROSION CONTROL MEASURES WHEN POSSIBLE.

**THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 2C:**

- CLOSE RUNWAY 12-30.
- PLACE ALL REMAINING PAVEMENT MARKINGS AND RETROFLECTIVE TAXIWAY EDGE MARKERS WITHIN THE RUNWAY 12-30 SAFETY AREA.
- REOPEN RUNWAY 12-30.

No.	Drawing Issue	Description	Date	By

Date  
 11 MARCH 2005  
 Sheet Title

### CONSTRUCTION STAGING PLAN

843-04B8007	Project Number
KLK 02/03/05	Layout By Date
KLK,TMM 02/03/05	Designed By Date
RMH 03/11/05	Reviewed By Date
KLK	Drawn By

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CHARLES R. WALGREEN FIELD

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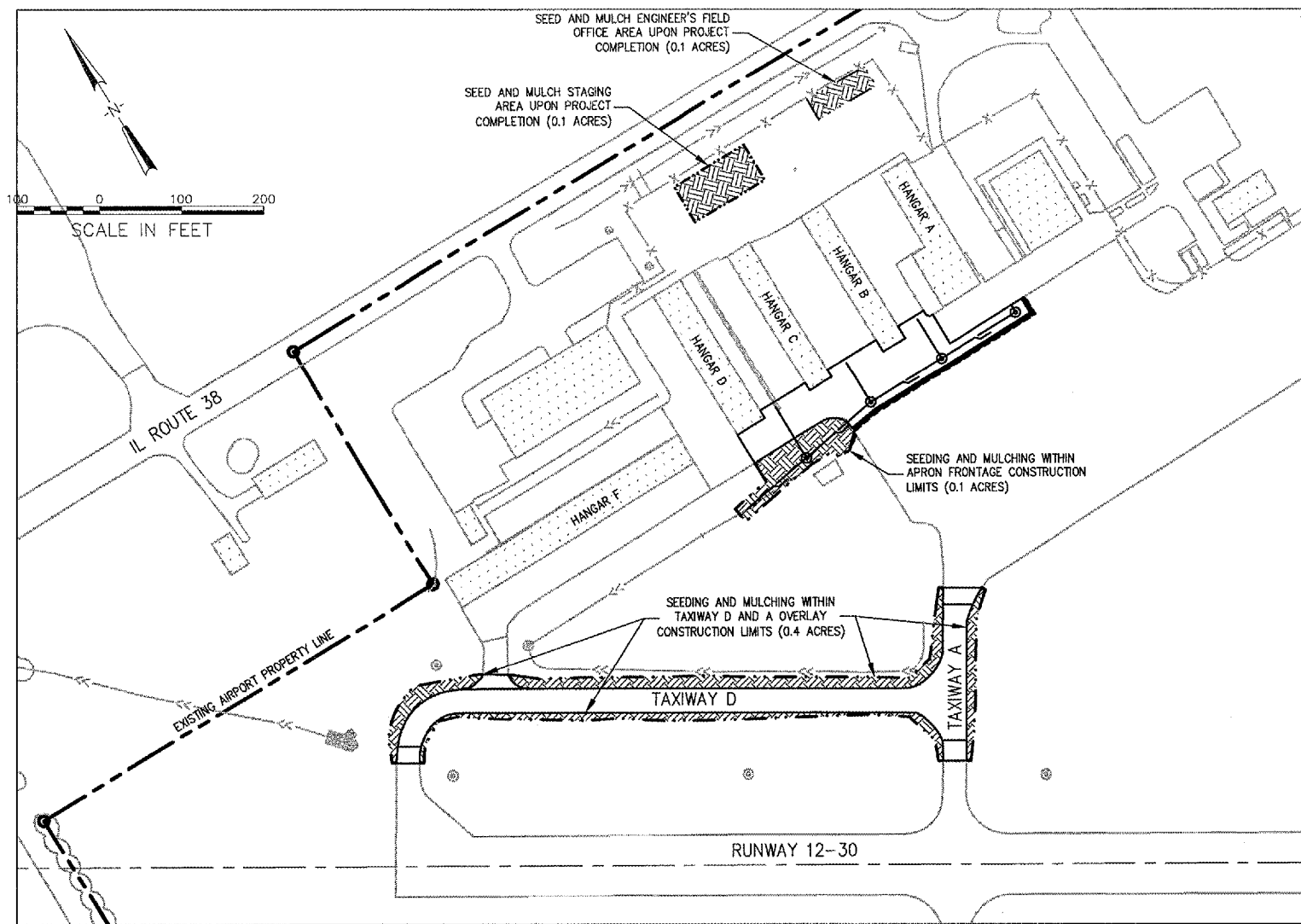
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

**LANDSCAPING PLAN**

843-0488007	Project Number
KLK	KLK 02/03/05
KLK, TMM	KLK, TMM 02/03/05
RMH	RMH 03/11/05
KLK	KLK

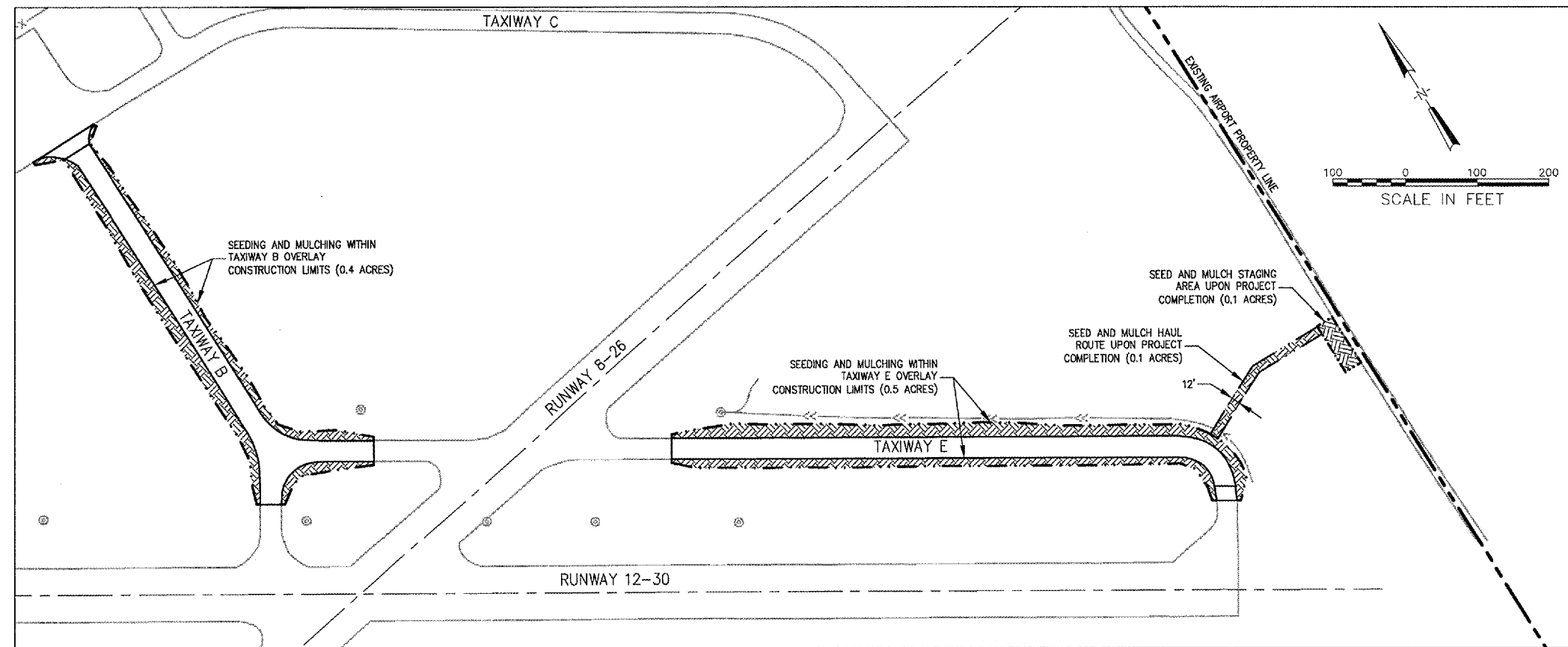


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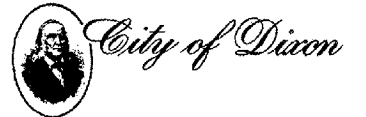
PROPOSED SEEDING AND MULCHING (1.8 ACRES)

LIMITS OF SEEDING AND MULCHING

- LANDSCAPING NOTES:**
1. OUTER LIMITS OF SEEDING AND MULCHING TO FOLLOW THE LIMITS SHOWN ON THIS SHEET.
  2. SEE CROSS SECTIONS AND STAKING PLANS FOR ADDITIONAL CONSTRUCTION LIMITS INFORMATION.
  3. SEE STAGING PLAN FOR ADDITIONAL HAUL ROUTE INFORMATION.



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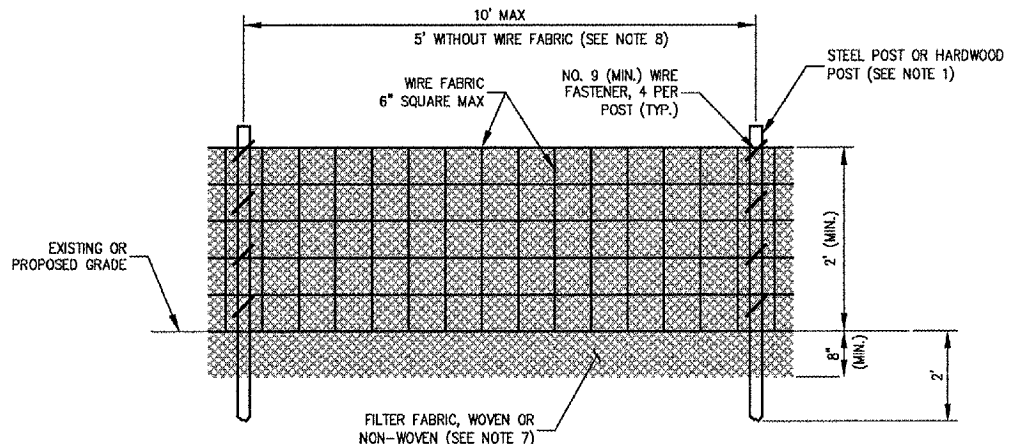
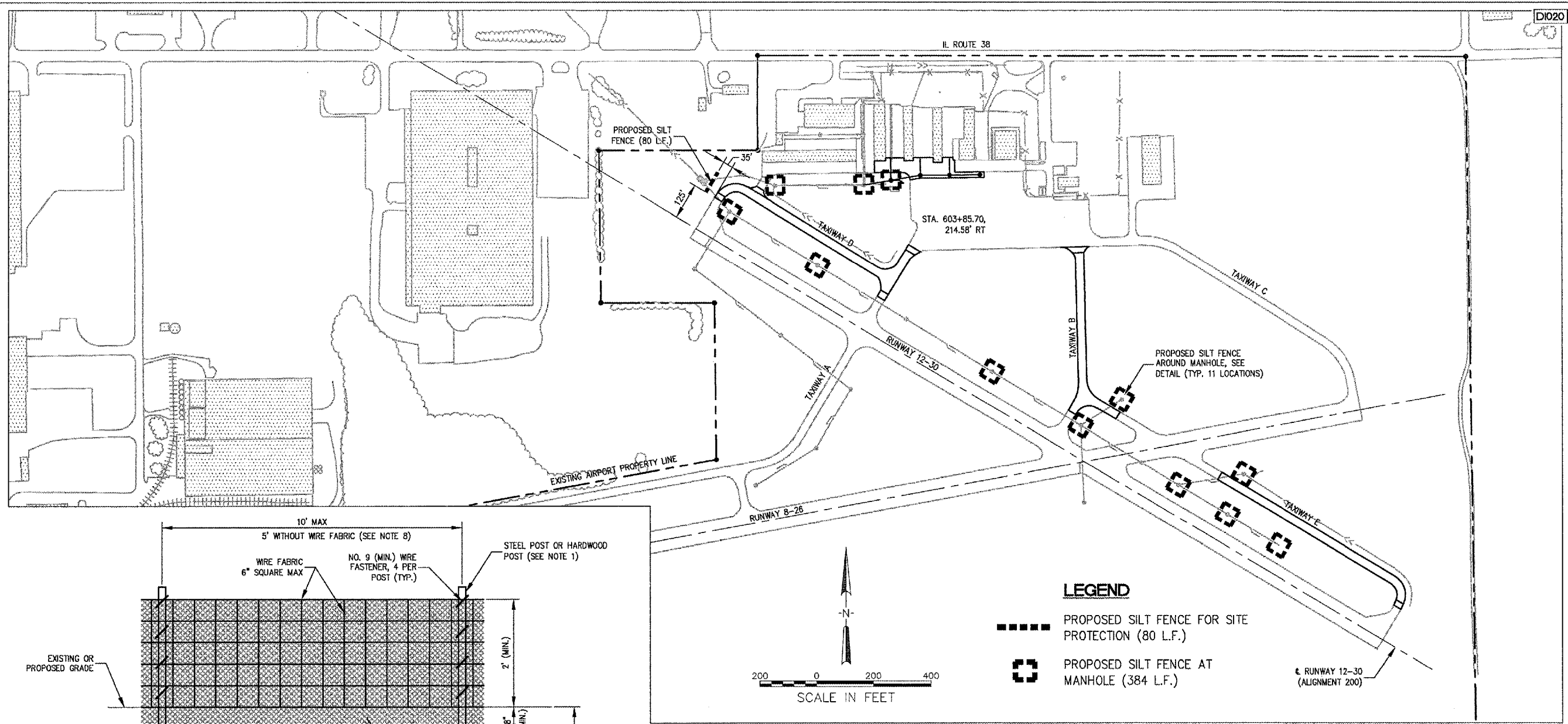
CITY OF DIXON, ILLINOIS

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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

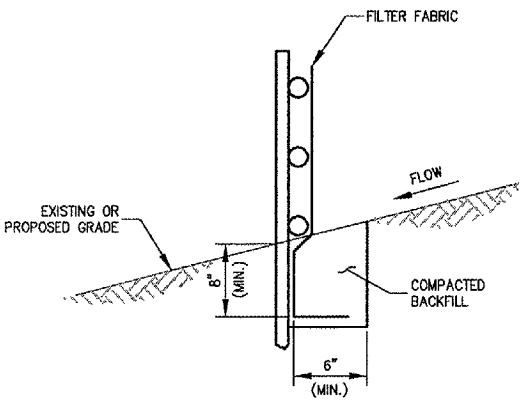
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



ELEVATION

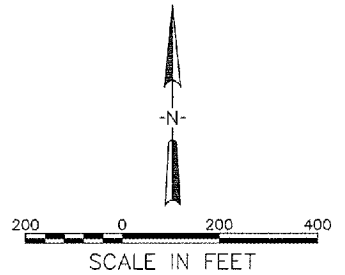
**NOTES:**

- FENCE POST SHALL BE EITHER STEEL "T" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 3.0 SQUARE INCHES.
- TOP AND BOTTOM WIRE OF WIRE FABRIC SHALL BE MINIMUM GAGE NO. 9. INTERMEDIATE WIRES OF THE WIRE FABRIC SHALL BE MINIMUM GAGE NO. 11.
- WIRE FABRIC SHALL BE SECURELY FASTENED TO FENCE POSTS WITH NO. 9 GAGE WIRE MINIMUM. FOUR (4) FASTENERS PER POST REQUIRED.
- FILTER FABRIC SHALL BE SECURELY FASTENED TO WIRE FABRIC AND POSTS WITH TIES OR STAPLES SPACED AT 12" APART AT THE TOP, MIDDLE AND BOTTOM.
- WHEN TWO SECTIONS OF FILTER FABRIC MEET, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED AND ATTACHED TO THE WIRE FABRIC AT A POST.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN THE SILT FENCE.
- FILTER FABRIC SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
- WIRE FABRIC MAY BE OMITTED IF A MAXIMUM OF 5 FEET IS USED FOR POST-TO-POST SPACING.
- SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. PERIODIC INSPECTION SHALL BE PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
- FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.



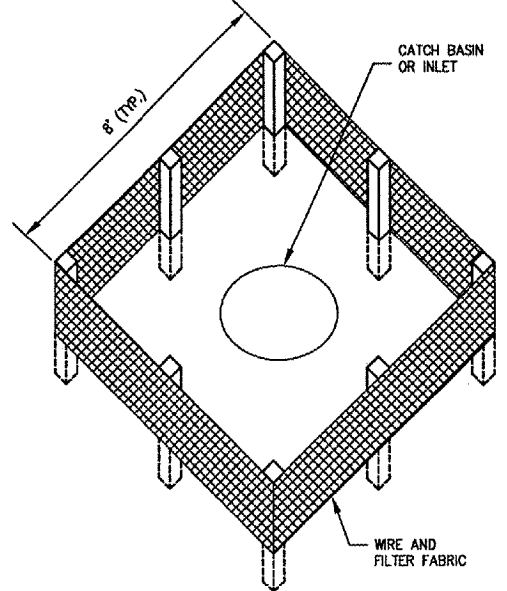
FABRIC ANCHOR DETAIL

SILT FENCE PLAN



**LEGEND**

- PROPOSED SILT FENCE FOR SITE PROTECTION (80 L.F.)
- ⊗ PROPOSED SILT FENCE AT MANHOLE (384 L.F.)



SILT FENCE PLACEMENT AT MANHOLES

**NOTES:**

- FILTER FABRIC SHALL BE EMBEDDED 8" INTO THE SOIL.
- INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. CONTRACTOR SHALL PLACE SEED AND MULCH AROUND STRUCTURES PER LANDSCAPING PLAN. COST OF REMOVAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SILT FENCE.
- AREAS DISTURBED OUTSIDE OF CONSTRUCTION LIMITS DURING PLACEMENT OF INLET PROTECTION TO BE REGRADED, SEEDED AND MULCHED, COST INCIDENTAL TO SILT FENCE.
- FENCE AND POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.

INLET PROTECTION DETAIL

**STORM WATER POLLUTION PREVENTION NOTES**

**GENERAL**

THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORM WATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.

THE MAINTENANCE OF ALL STORM WATER POLLUTION PREVENTION MEASURES IS INCIDENTAL TO THE ASSOCIATED ITEM.

**POLLUTION PREVENTION MEASURES**

THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PREVENTION PRACTICES AND MEASURES PRIOR TO THE STRIPPING OF EXISTING VEGETATION WHERE EVER POSSIBLE AND AS SOON AS CONSTRUCTION PERMITS IN OTHER AREAS. POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THESE CONSTRUCTION PLANS, AND WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT POLLUTION CONTROL MEASURES SO THAT NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE CONSTRUCTION SITE OTHER THAN THROUGH SEDIMENT TRAPS OR OTHER SUITABLE CONTROL MEASURES.

POLLUTION CONTROL ITEMS SHALL BE PROVIDED AS NOTED ON THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE STORM WATER POLLUTION PREVENTION DETAILS AND AS DIRECTED BY THE ENGINEER. THE LIMITS OF SUCH MEASURES SHALL BE STAKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH LIMITS MAY BE ADJUSTED BY THE ENGINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.

THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.

ADDITIONAL STORMWATER POLLUTION PREVENTION MEASURES ARE EXISTING ON SITE LOCATED AT DRAINAGE FACILITIES AND ALONG THE PROPERTY LINE.

DETAILS SHOWN ARE NOT TO SCALE

No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005  
Sheet Title: STORMWATER POLLUTION PREVENTION PLAN

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK  
Drawn By

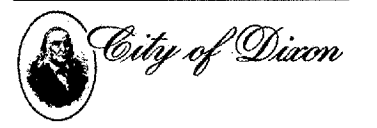
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Oak Brook, Illinois 60523  
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Fax: 630.990.3801



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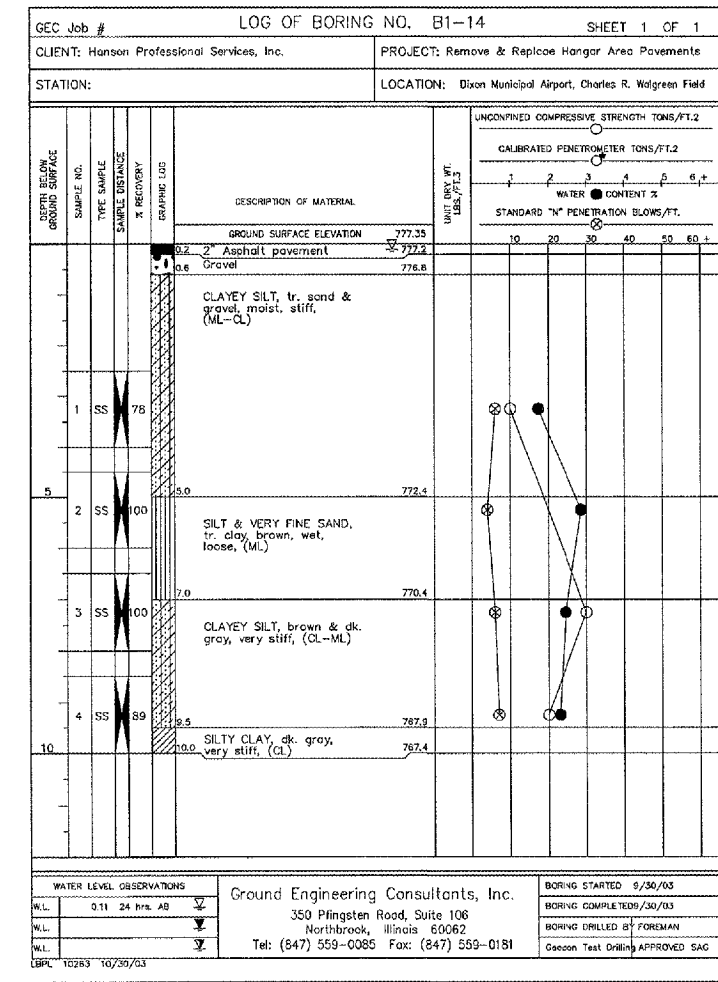
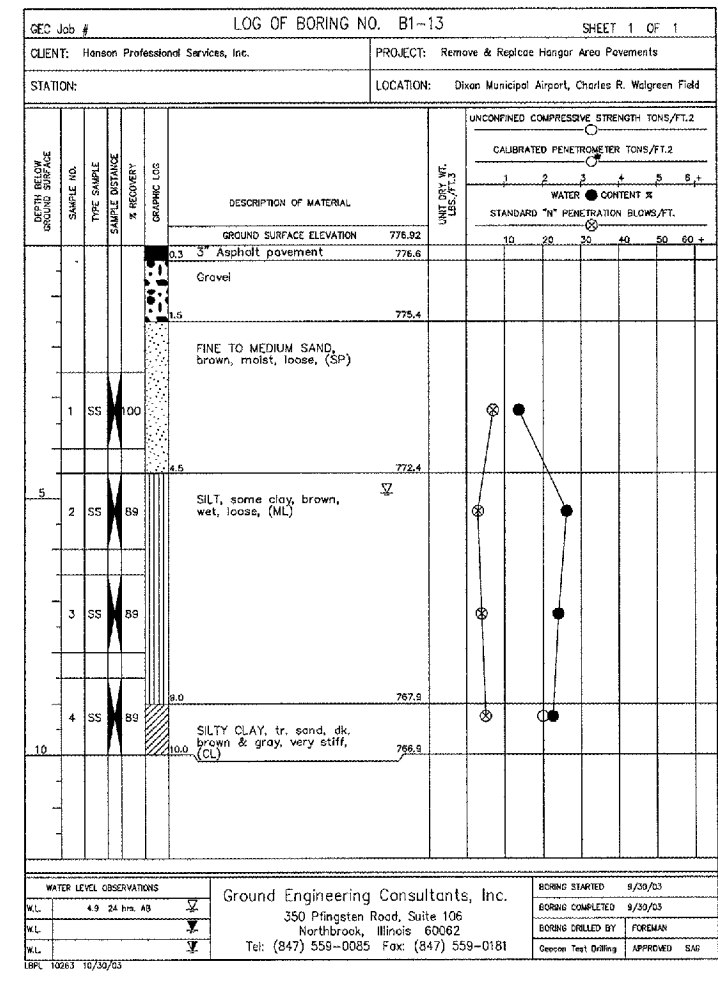
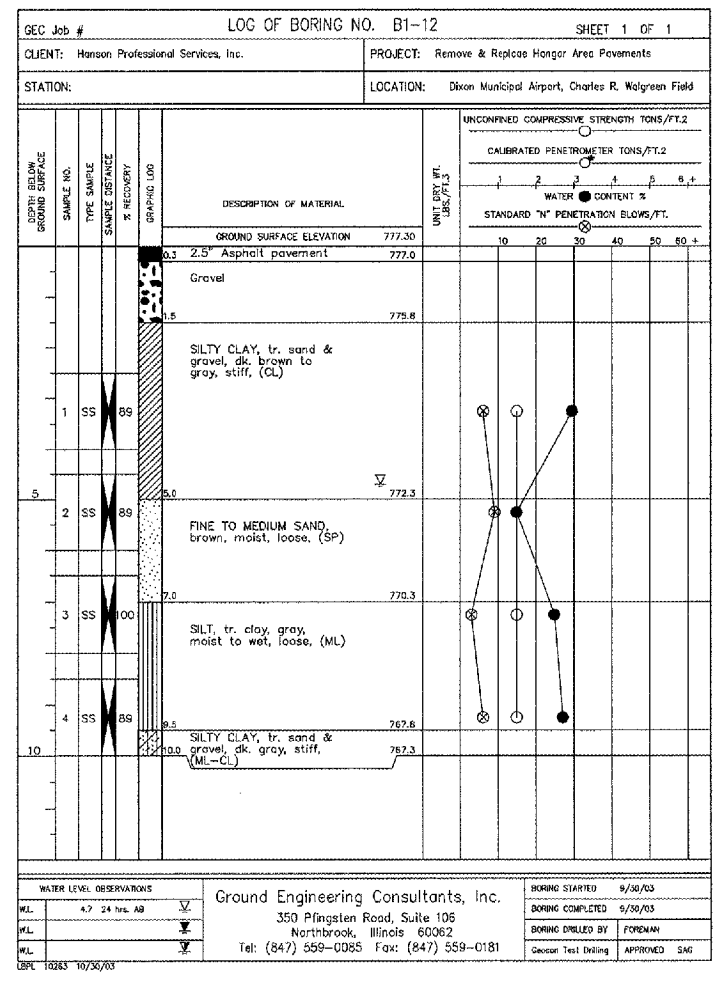
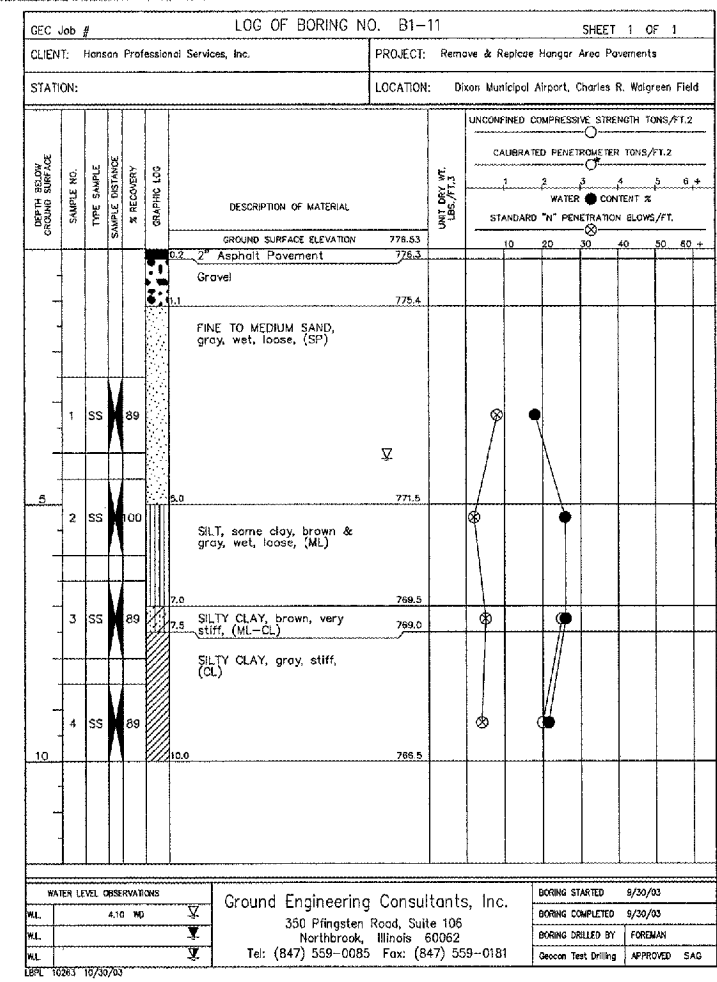
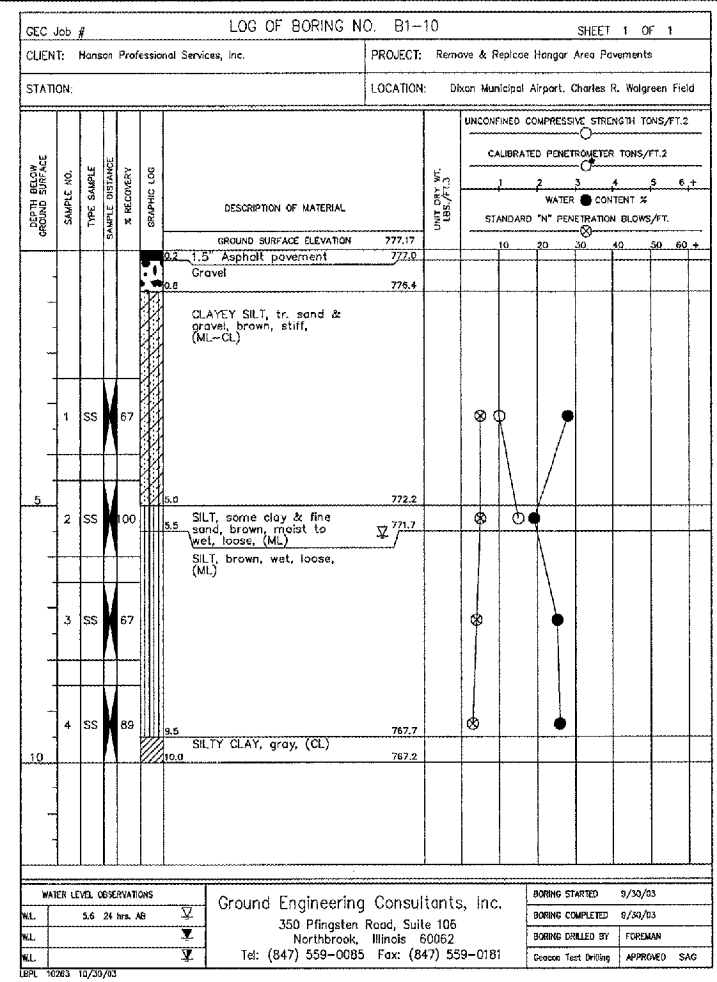
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CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

SOILS INVESTIGATION PERFORMED BY:  
GROUND ENGINEERING CONSULTANTS, INC.  
350 PFINGSTEN ROAD, SUITE 106  
NORTHBROOK, ILLINOIS 60062



No.	Drawing Issue	Description	Date	By

Date: 11 MARCH 2005  
Sheet Title:

SOIL BORING LOG B1-10 THRU B1-14

843-04B8007  
 Project Number  
 KLK 02/03/05  
 Layout By Date  
 KLK, TMM 02/03/05  
 Designed By Date  
 RMH 03/11/05  
 Reviewed By Date  
 KLK  
 Drawn By Sheet No.

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OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

SOILS INVESTIGATION PERFORMED BY:  
GROUND ENGINEERING CONSULTANTS, INC.  
350 PFINGSTON ROAD, SUITE 106  
NORTHBROOK, ILLINOIS 60062

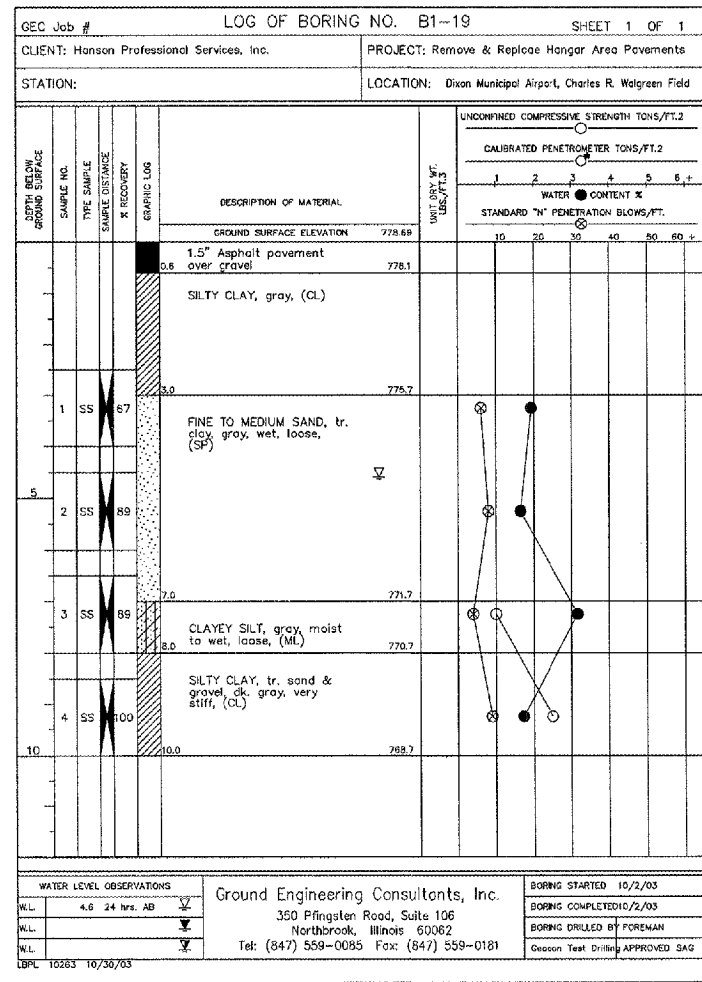
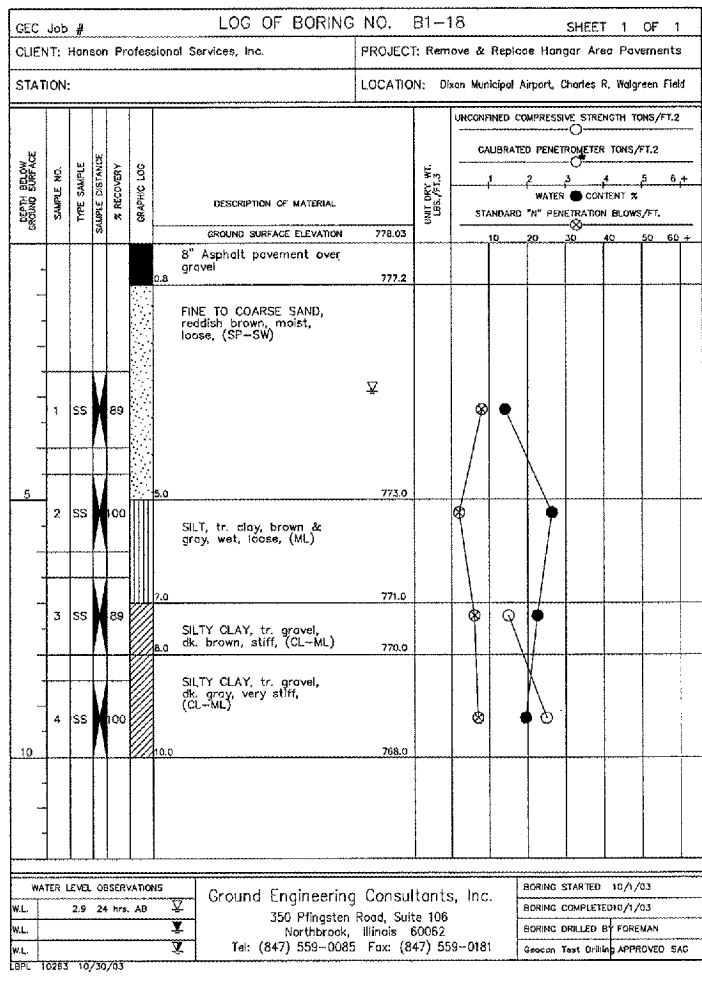
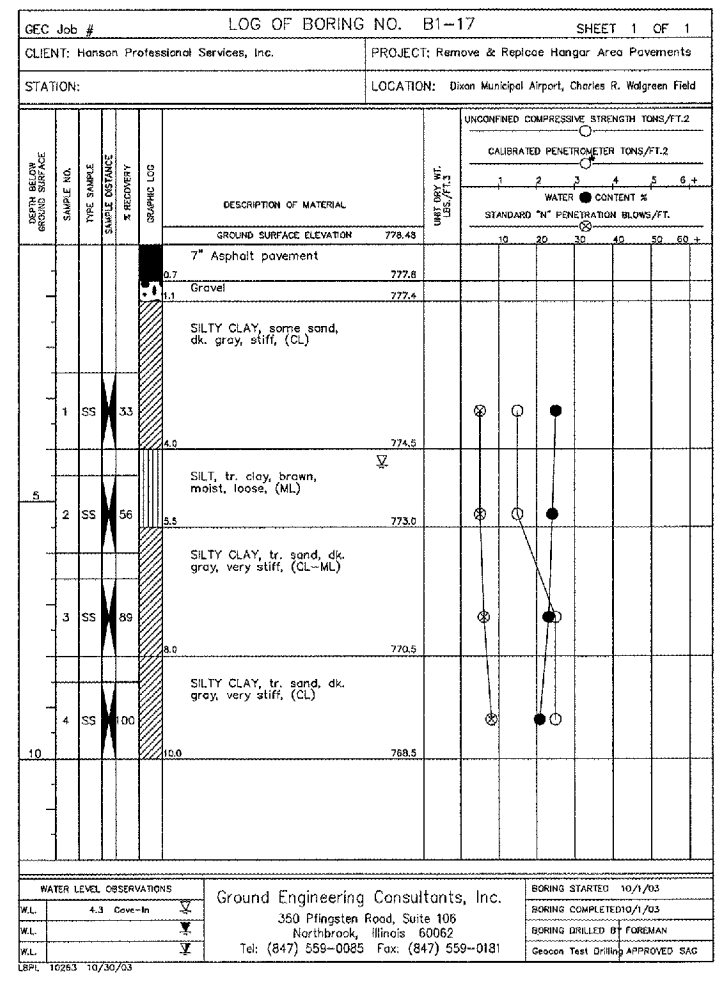
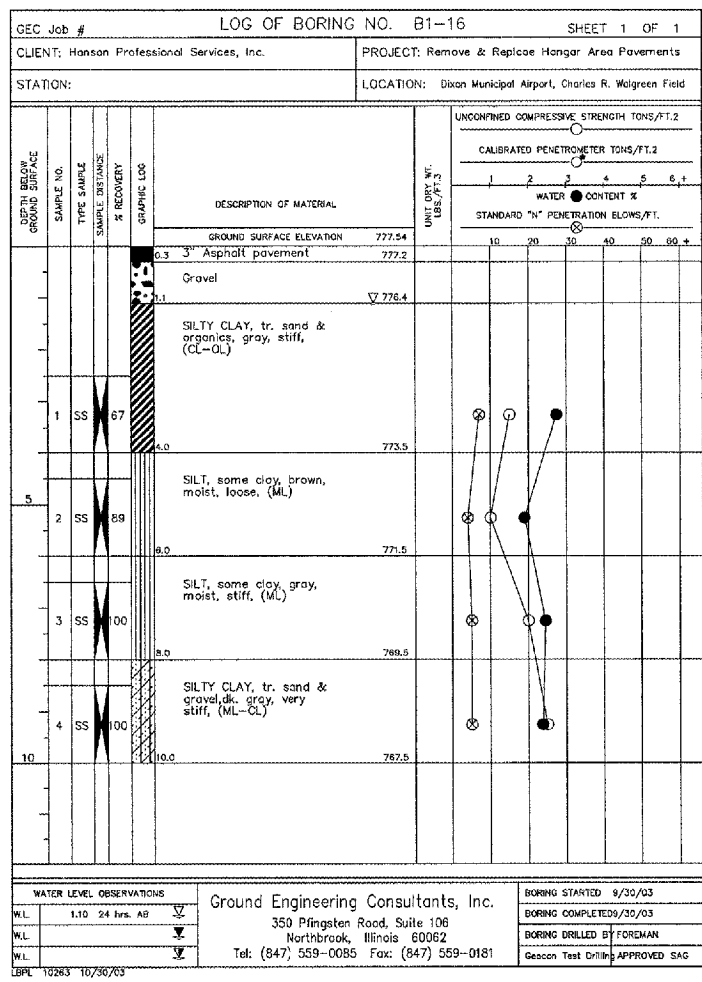
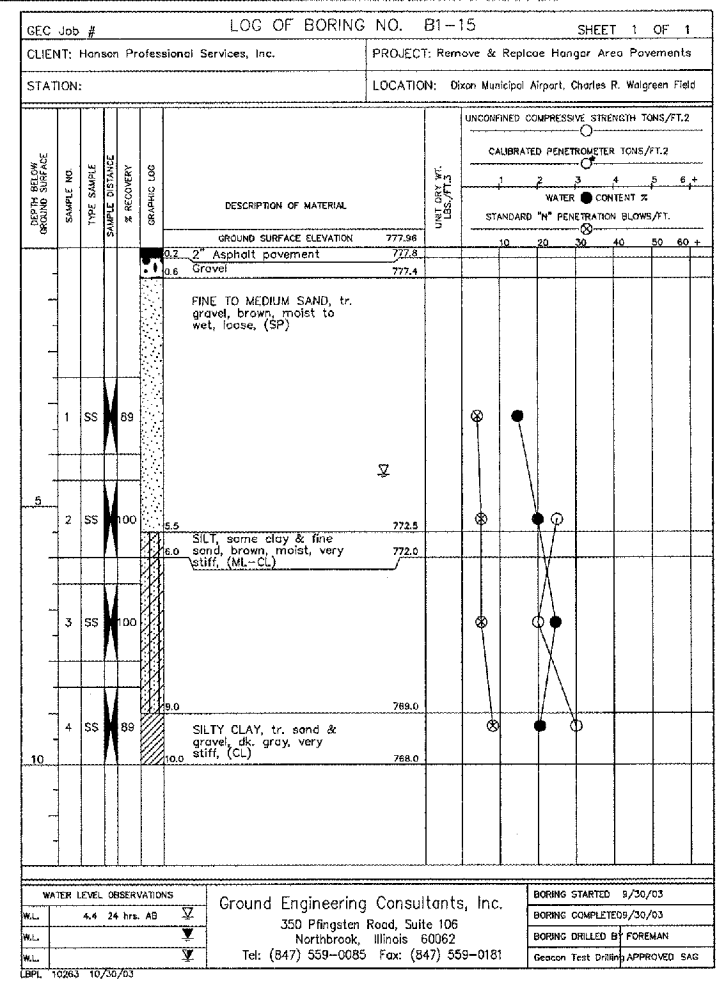


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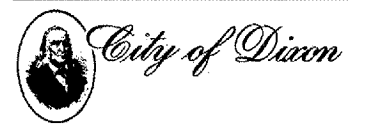
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B1-15 THRU B1-19

843-04B8007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK  
Drawn By Date

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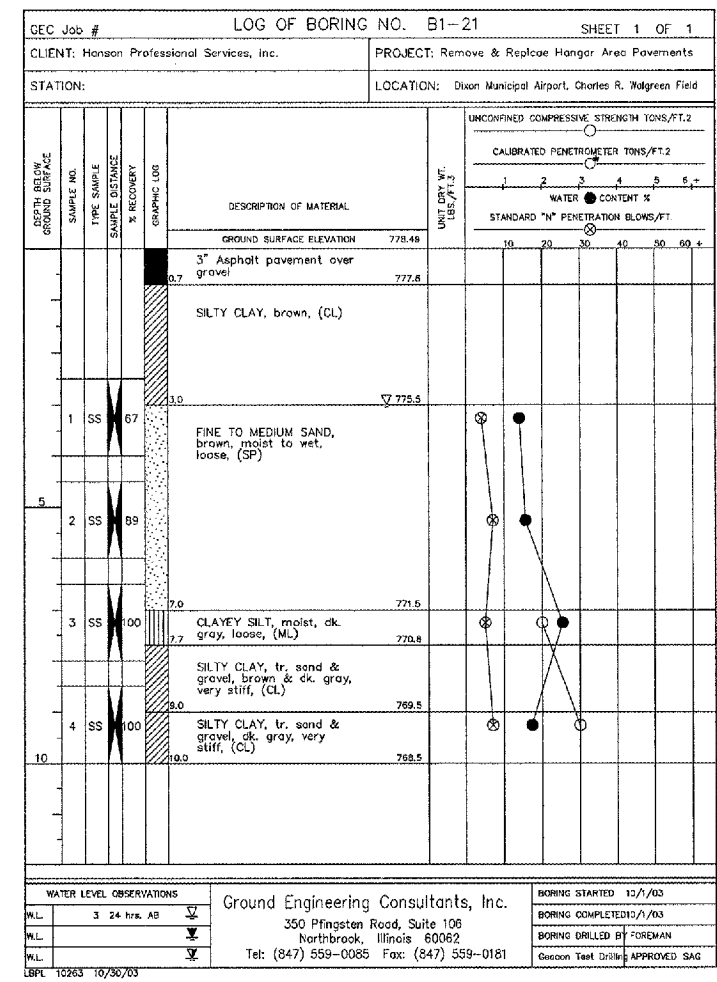
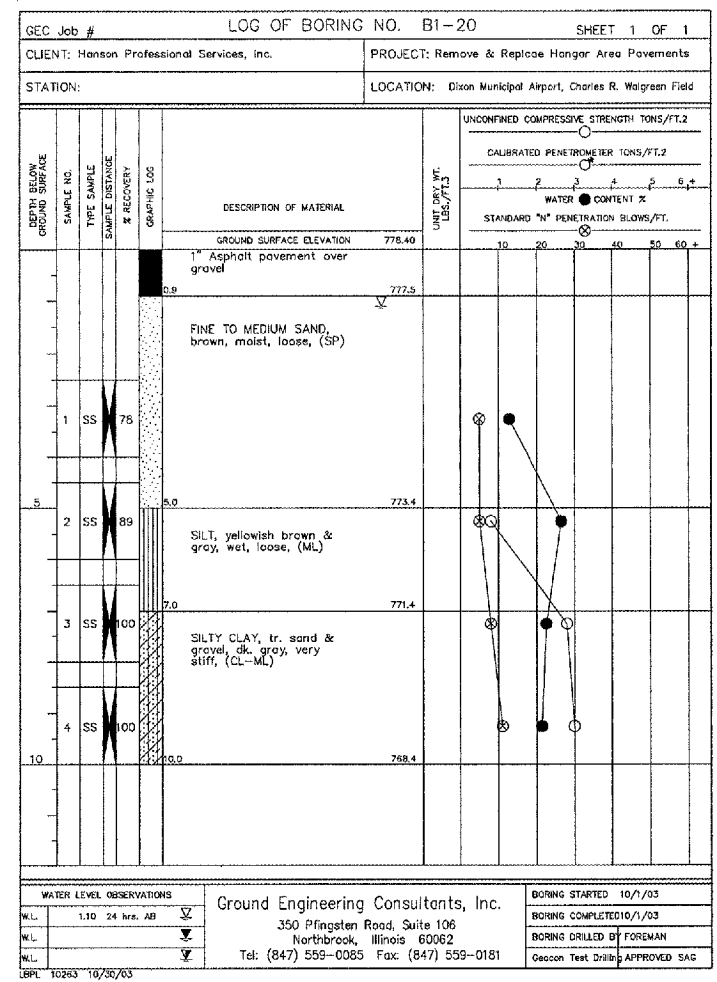


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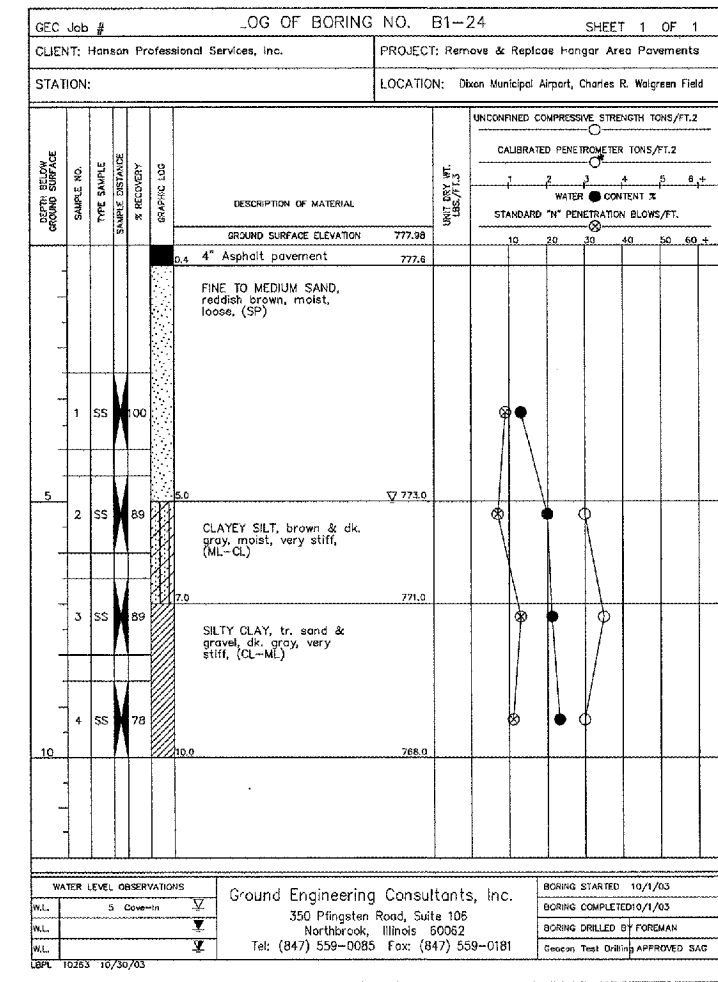
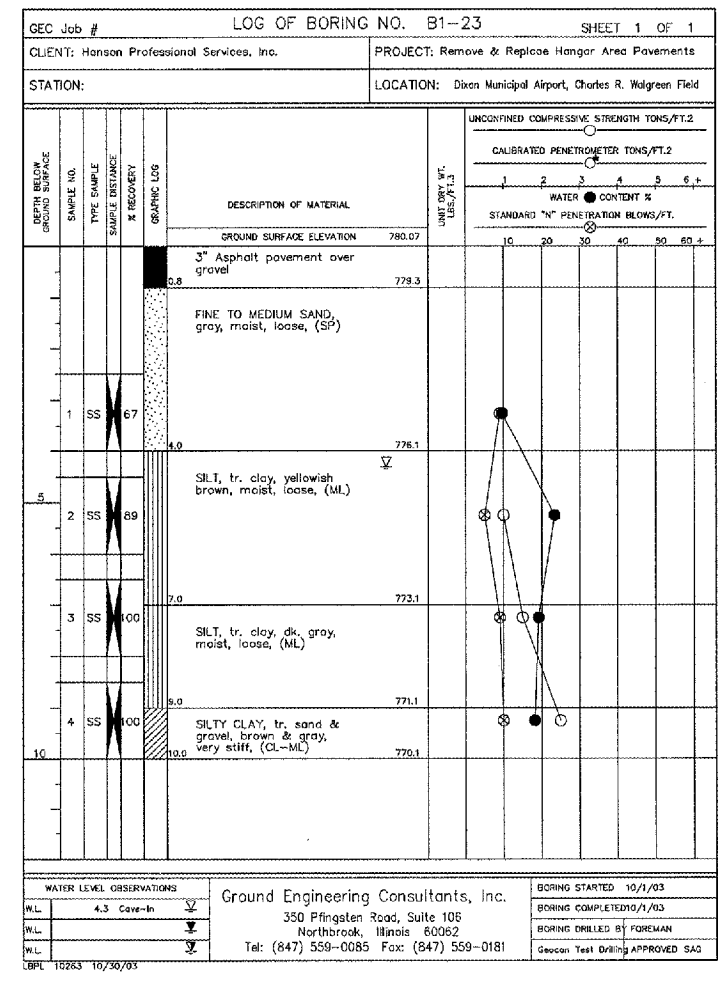
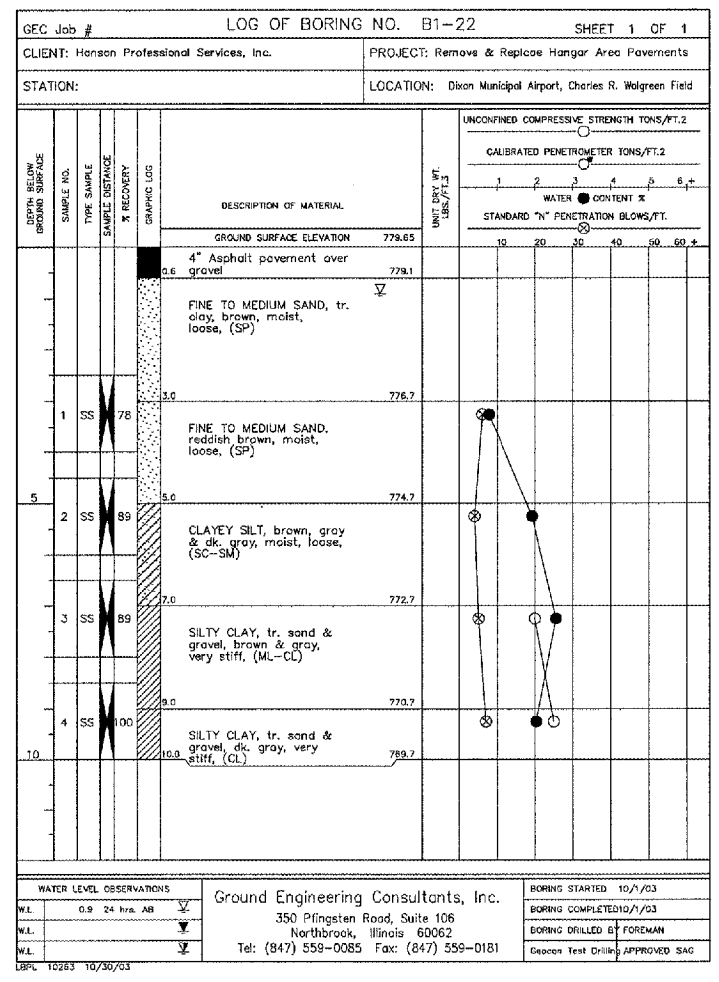
DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



SOILS INVESTIGATION PERFORMED BY:  
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NORTHBROOK, ILLINOIS 60062



No.	Drawing Issue	Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

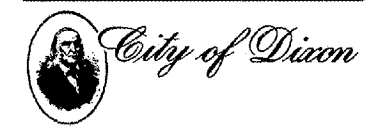
SOIL BORING LOG  
B1-20 THRU B1-24

843-04B8007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK  
Drawn By Date  
Sheet No.

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## SUMMARY OF QUANTITIES - SECTION 1

### OVERLAY TAXIWAYS B, D AND E



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CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

Item			Quantity	
Number	Description	Unit	As Bid	Record Paid
AR125100	Elevated Retroreflective Marker	Each	82.0	
AR150510	Engineer's Field Office	Lump Sum	1.0	
AR150540	Haul Route	Lump Sum	1.0	
AR156510	Silt Fence	Linear Foot	400.0	
AR201620	Bituminous Base Course, Leveling	Ton	890.0	
AR401610	Bituminous Surface Course	Ton	764.0	
AR401650	Bituminous Pavement Milling	Square Yard	1425.0	
AR401665	Bituminous Pavement Sawing	Linear Foot	358.0	
AR603510	Bituminous Tack Coat	Gallon	2,639.0	
AR620525	Pavement Marking - Black Border	Square Foot	1,209.0	
AR620530	Pavement Marking - Epoxy	Square Foot	3,745.0	
AR800972	Bituminous Sand Mix - 2"	Square Yard	741.0	
AR800973	Crack Control Material	Linear Foot	1,539.0	
AR901510	Seeding	Acre	1.5	
AR905520	Topsoiling (From Off Site)	Cubic Yard	415.0	
AR908510	Mulching	Acre	1.5	

**NOTE:**  
QUANTITIES ON THIS SHEET REPRESENT THE OVERLAY TAXIWAYS B, D AND E QUANTITIES ONLY.

No.	Drawing Issue	Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

### SUMMARY OF QUANTITIES - SECTION 1

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | --- | ---  
Drawn By Sheet No.





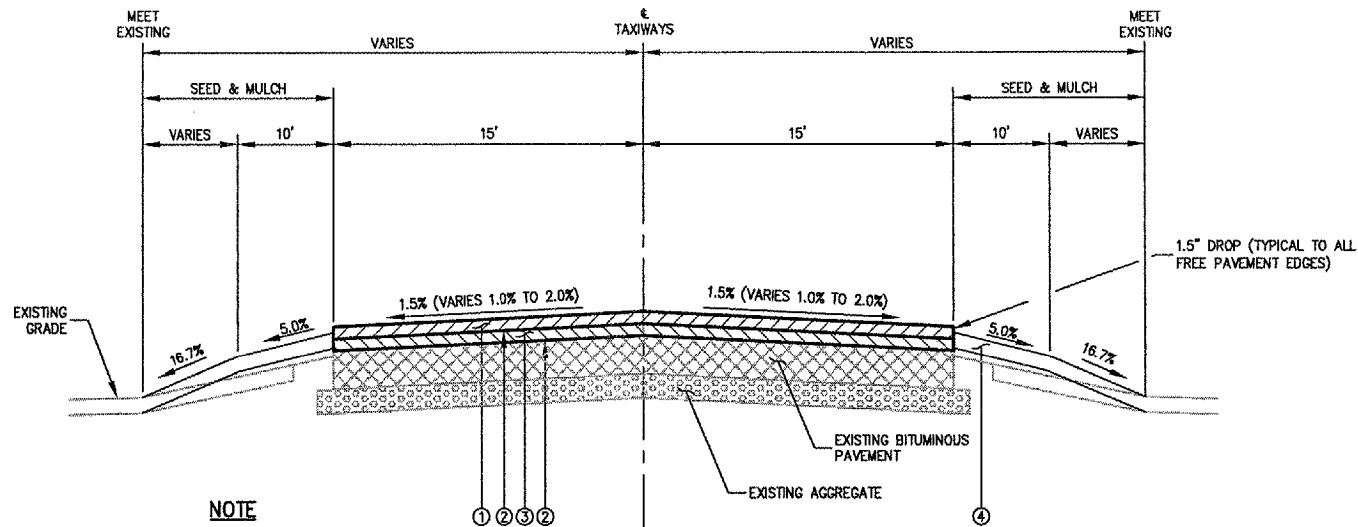
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CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

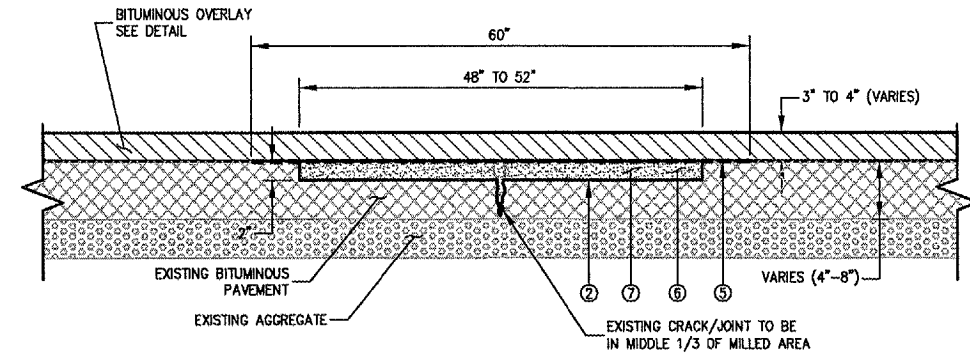


**NOTE**

1. FOR ADDITIONAL LANDSCAPING INFORMATION, SEE LANDSCAPING PLAN.

**TYPICAL TAXIWAY OVERLAY SECTION**

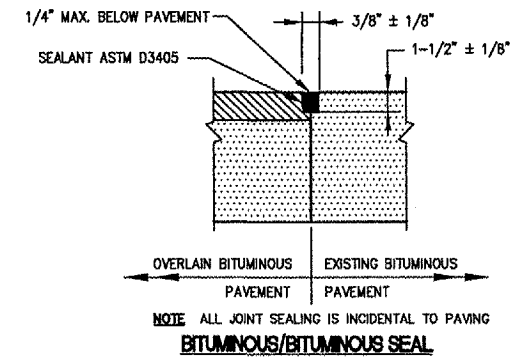
- ① PROPOSED 1.5" BITUMINOUS SURFACE COURSE, ITEM AR401610.
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510.
- ③ PROPOSED BITUMINOUS BASE LEVELING COURSE (DEPTH VARIES 1.5" TO 2.5"), ITEM AR201620.
- ④ PROPOSED 4 INCH TOPSOIL, ITEM AR905520. SEEDING AND MULCHING AREAS, ITEMS AR901510 AND AR908510.
- ⑤ CRACK CONTROL MATERIAL (60" WIDE), ITEM AR800973.
- ⑥ BITUMINOUS SAND MIX - 2 INCH, ITEM AR800972.
- ⑦ PAVEMENT MILLING, ITEM AR401650.



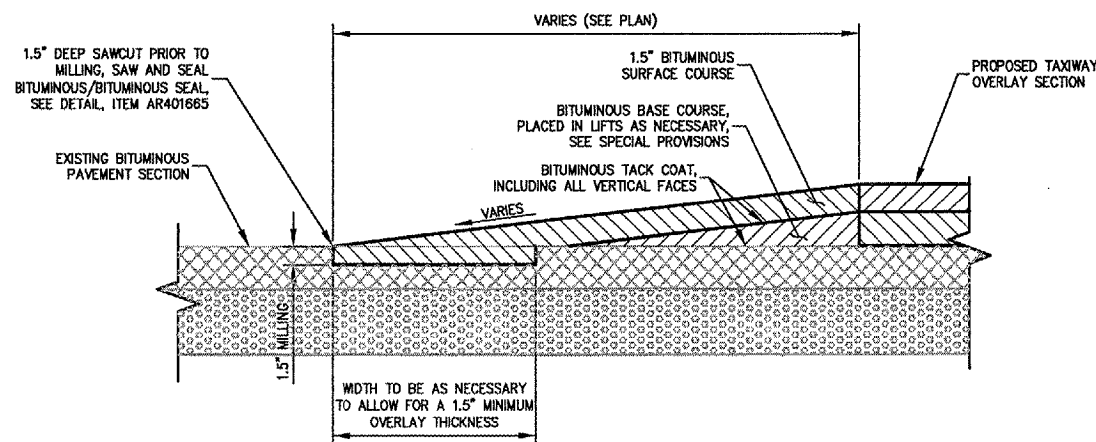
**NOTES:**

- 1. TACK COAT ALL VERTICAL FACES.
- 2. MILLING AND BITUMINOUS SAND MIX QUANTITIES BASED ON 52" WIDTH.

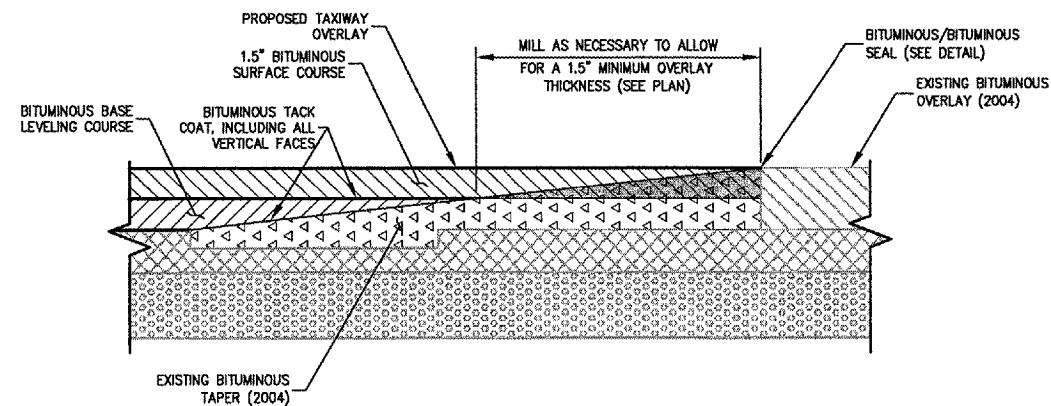
**TYPICAL SECTION - PARTIAL DEPTH BITUMINOUS CRACK REPAIR AND PATCH**



**NOTE** ALL JOINT SEALING IS INCIDENTAL TO PAVING  
**BITUMINOUS/BITUMINOUS SEAL**



**BITUMINOUS TAPER DETAIL**



**BITUMINOUS MILLING DETAIL (WHEN MEETING 2004 OVERLAY)**

(SEE PLAN FOR LOCATIONS)

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

**TYPICAL SECTIONS AND PAVEMENT DETAILS**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
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Drawn By Sheet No.





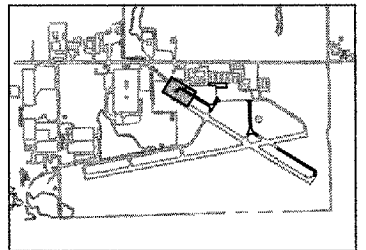
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AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



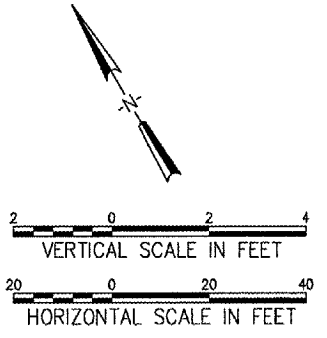
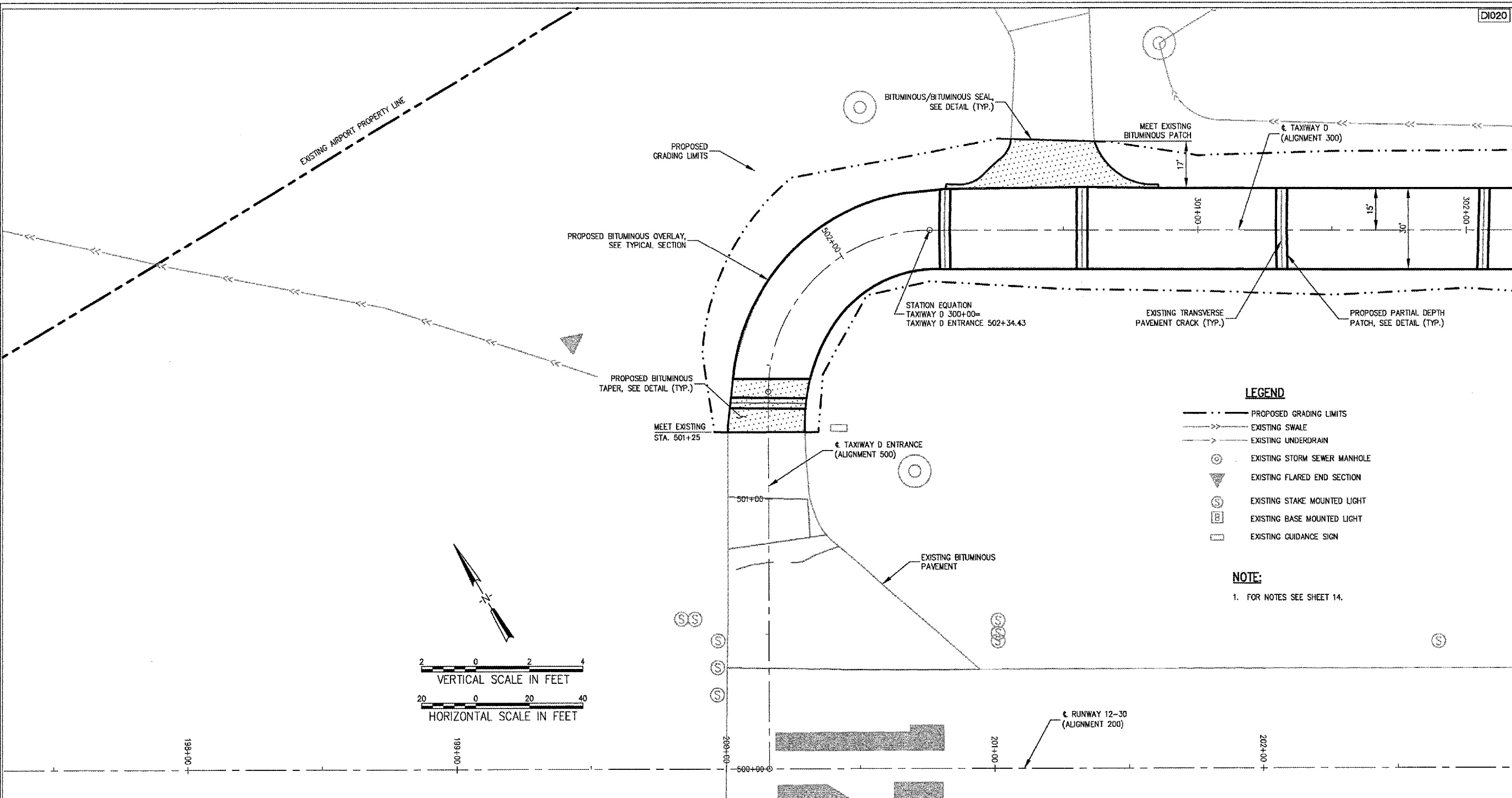
KEY PLAN

No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005  
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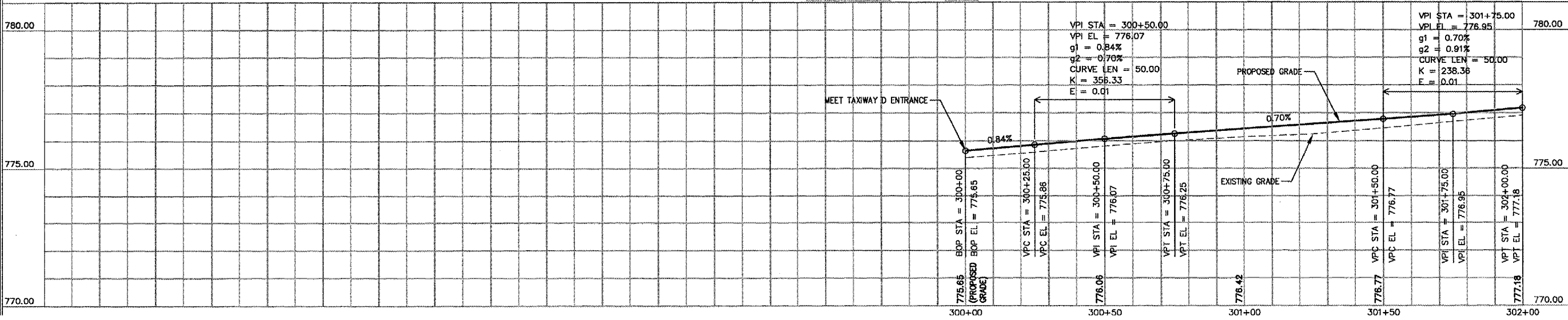
**PLAN AND PROFILE  
TAXIWAY D  
STA 300+00 TO  
STA 302+00**

843-0488007  
Project Number:  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.

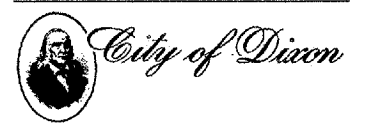


- LEGEND**
- PROPOSED GRADING LIMITS
  - - - - - EXISTING SWALE
  - - - - - EXISTING UNDERDRAIN
  - ⊙ EXISTING STORM SEWER MANHOLE
  - ▽ EXISTING FLARED END SECTION
  - ⊙ EXISTING STAKE MOUNTED LIGHT
  - ⊙ EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR NOTES SEE SHEET 14.



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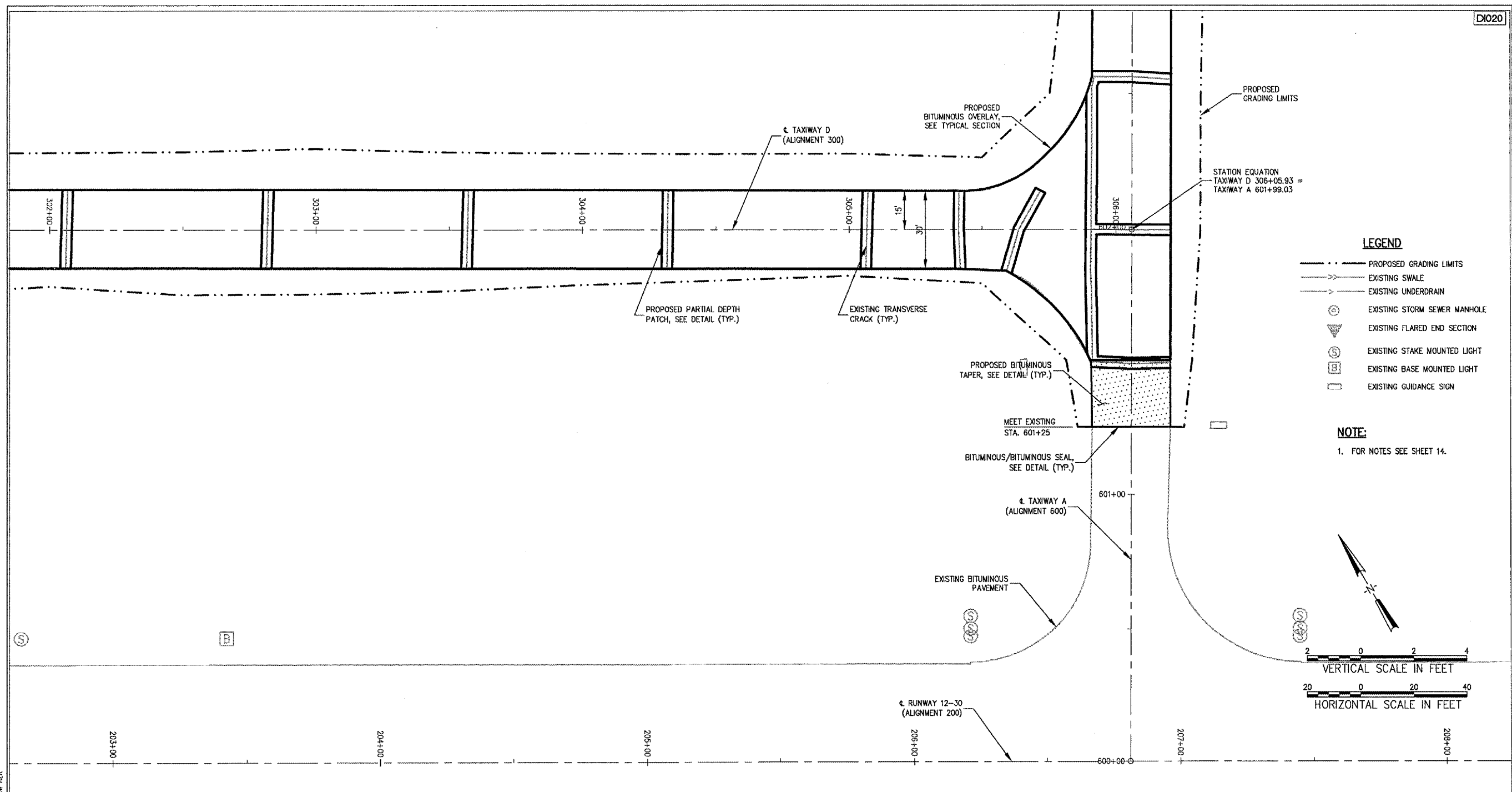
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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

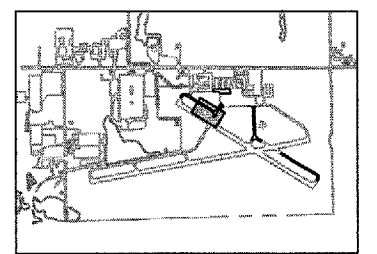
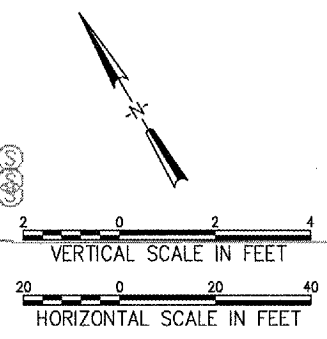
OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



- LEGEND**
- PROPOSED GRADING LIMITS
  - - - EXISTING SWALE
  - - - EXISTING UNDERDRAIN
  - ⊙ EXISTING STORM SEWER MANHOLE
  - ▽ EXISTING FLARED END SECTION
  - ⊙ EXISTING STAKE MOUNTED LIGHT
  - ⊙ EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR NOTES SEE SHEET 14.



KEY PLAN

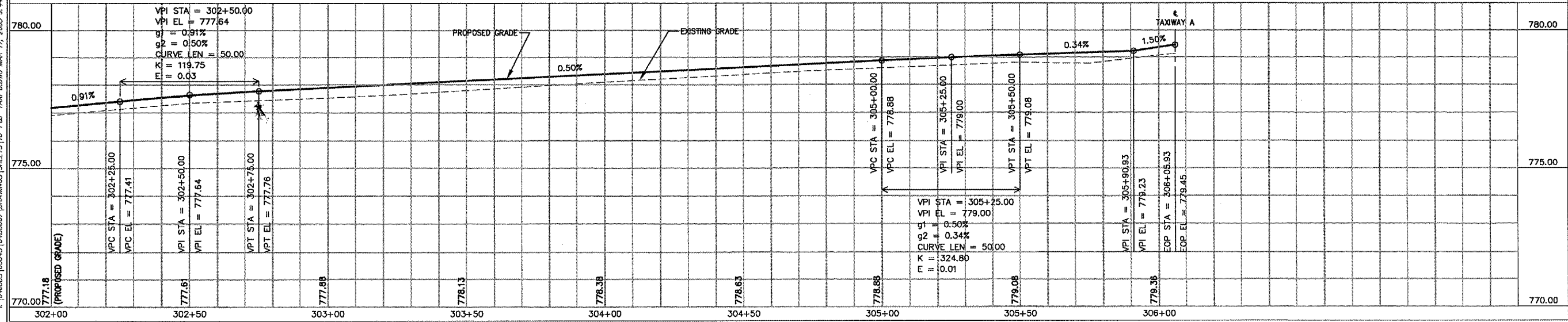
No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

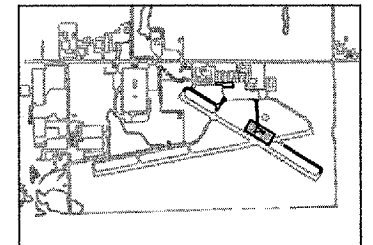
**PLAN AND PROFILE  
TAXIWAY D  
STA 302+00 TO  
STA 306+05.93**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK DSY  
Drawn By Sheet No.

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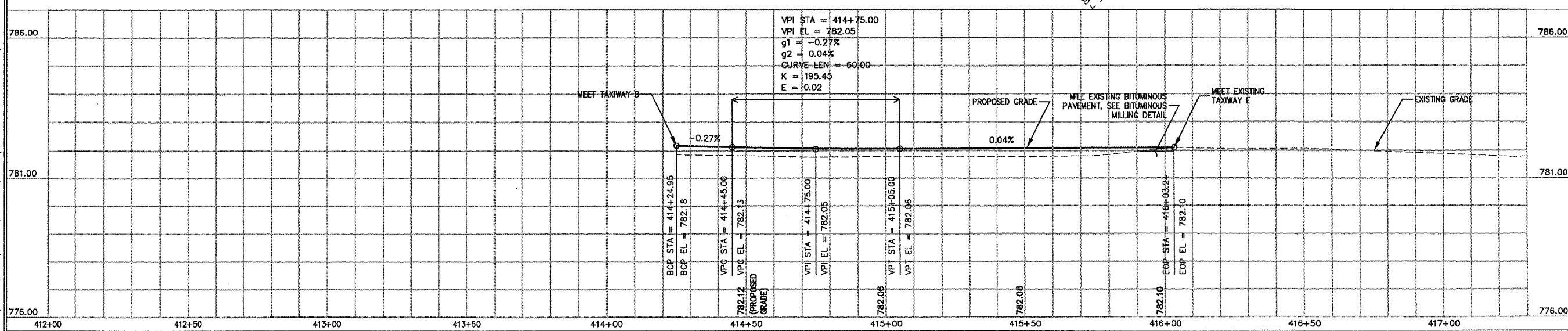
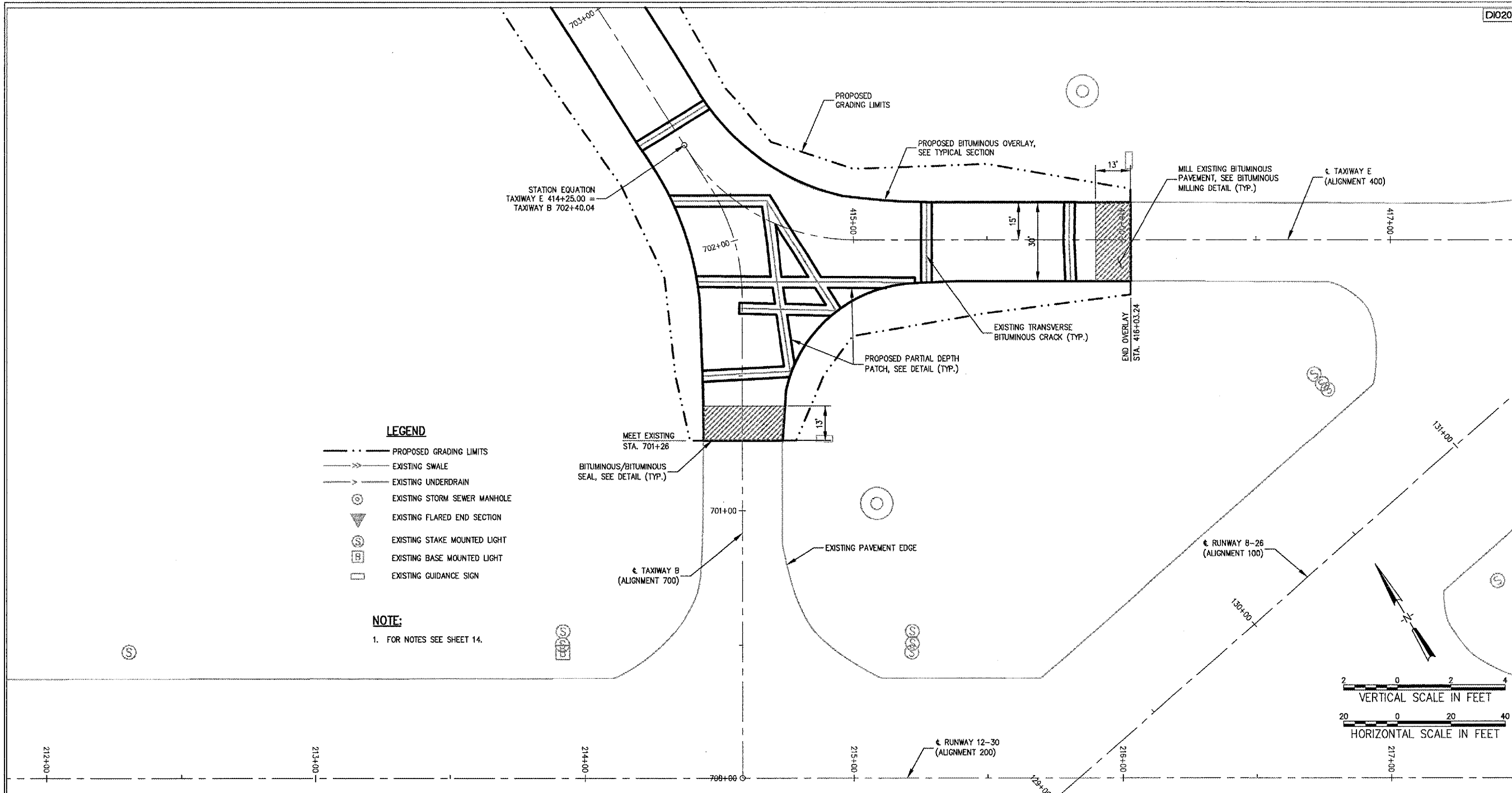
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No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

**PLAN AND PROFILE  
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STA 414+25 TO  
STA 416+03.24**

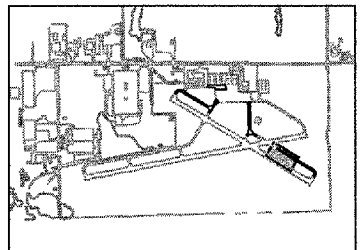
843-04B8007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK DSY  
Drawn By



- LEGEND**
- PROPOSED GRADING LIMITS
  - - - EXISTING SWALE
  - - - EXISTING UNDERDRAIN
  - ⊙ EXISTING STORM SEWER MANHOLE
  - ▽ EXISTING FLARED END SECTION
  - ⊙ EXISTING STAKE MOUNTED LIGHT
  - ⊙ EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR NOTES SEE SHEET 14.

A:\04\025\025\025\DRAWINGS\04B8007\04B8007.DWG, MAR 17, 2005 9:44AM CLK



**KEY PLAN**

No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005

Sheet Title:

**PLAN AND PROFILE  
TAXIWAY E  
STA 420+16.91 TO  
STA 424+50**

843-0488007  
Project Number

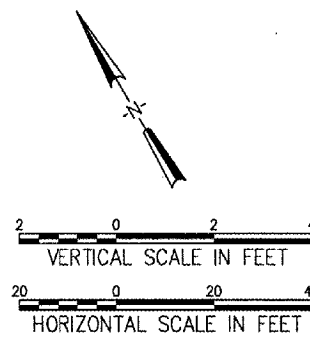
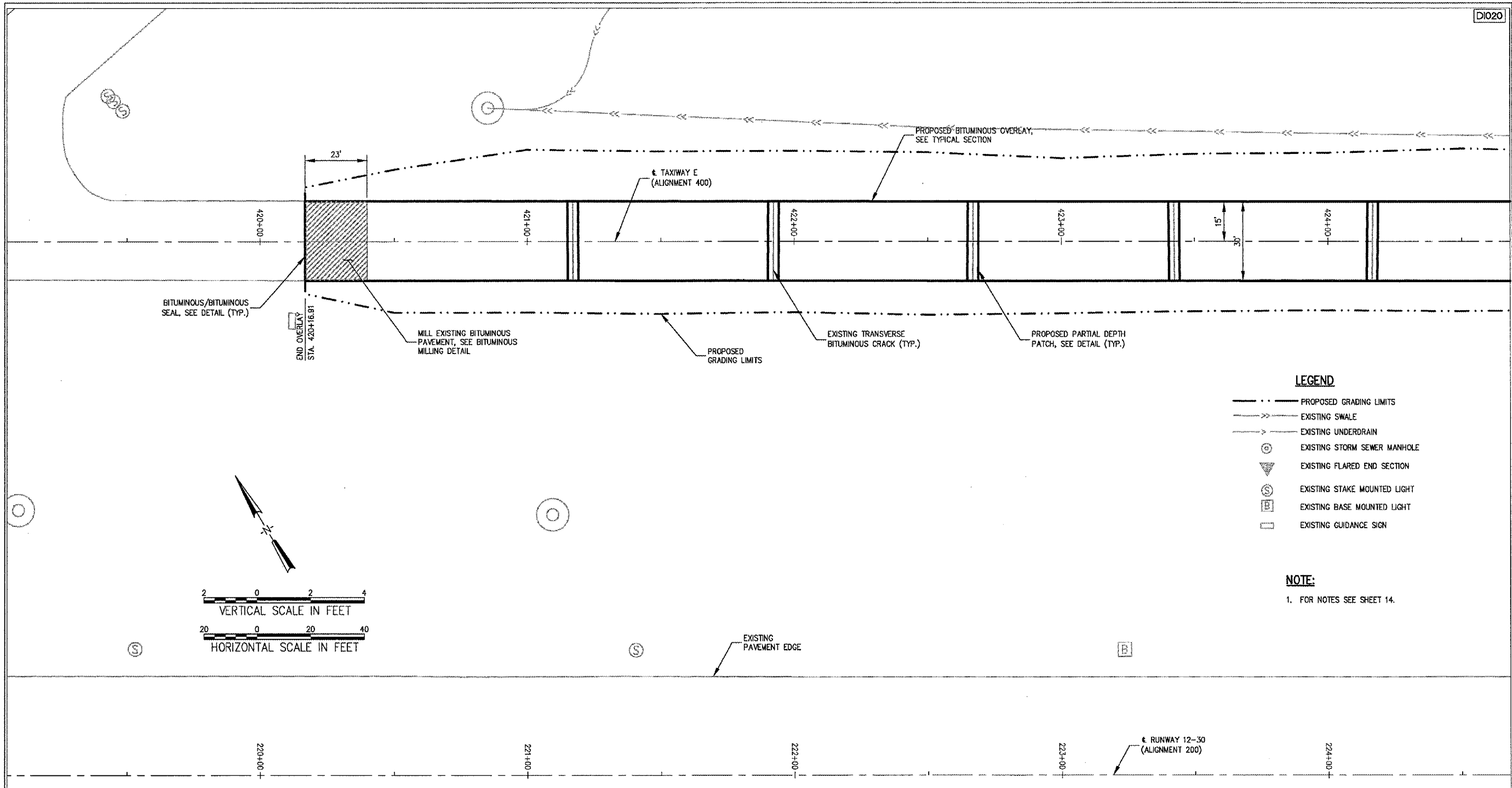
KLK 02/03/05  
Layout By Date

KLK, TMM 02/03/05  
Designed By Date

RMH 03/11/05  
Reviewed By Date

KLK | DSY | ---  
Drawn By

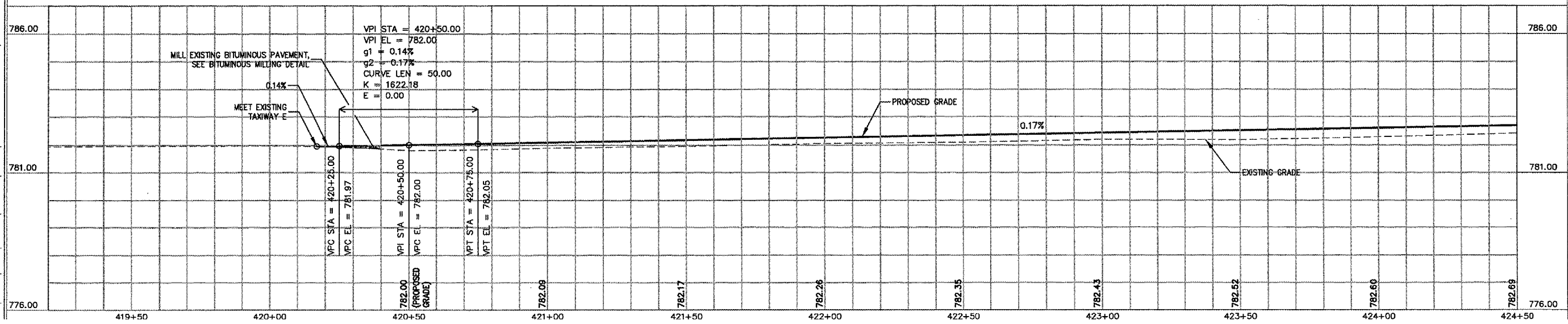
**18**



**LEGEND**

- PROPOSED GRADING LIMITS
- EXISTING SWALE
- EXISTING UNDERDRAIN
- ☉ EXISTING STORM SEWER MANHOLE
- ▽ EXISTING FLARED END SECTION
- Ⓞ EXISTING STAKE MOUNTED LIGHT
- Ⓟ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR NOTES SEE SHEET 14.



A: 104032510084310488007 (DRAWINGS) SHEETS 18-28P TAXI EDWG. MAR 17, 2005 B: HANM KLK



HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive Suite 200  
Oak Brook, Illinois 60523  
Telephone: 630.990.3800  
Fax: 630.990.3801



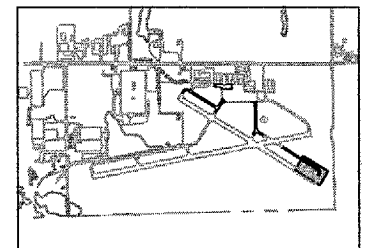
CITY OF DIXON, ILLINOIS

Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

No.	Drawing Issue Description	Date	By

Date

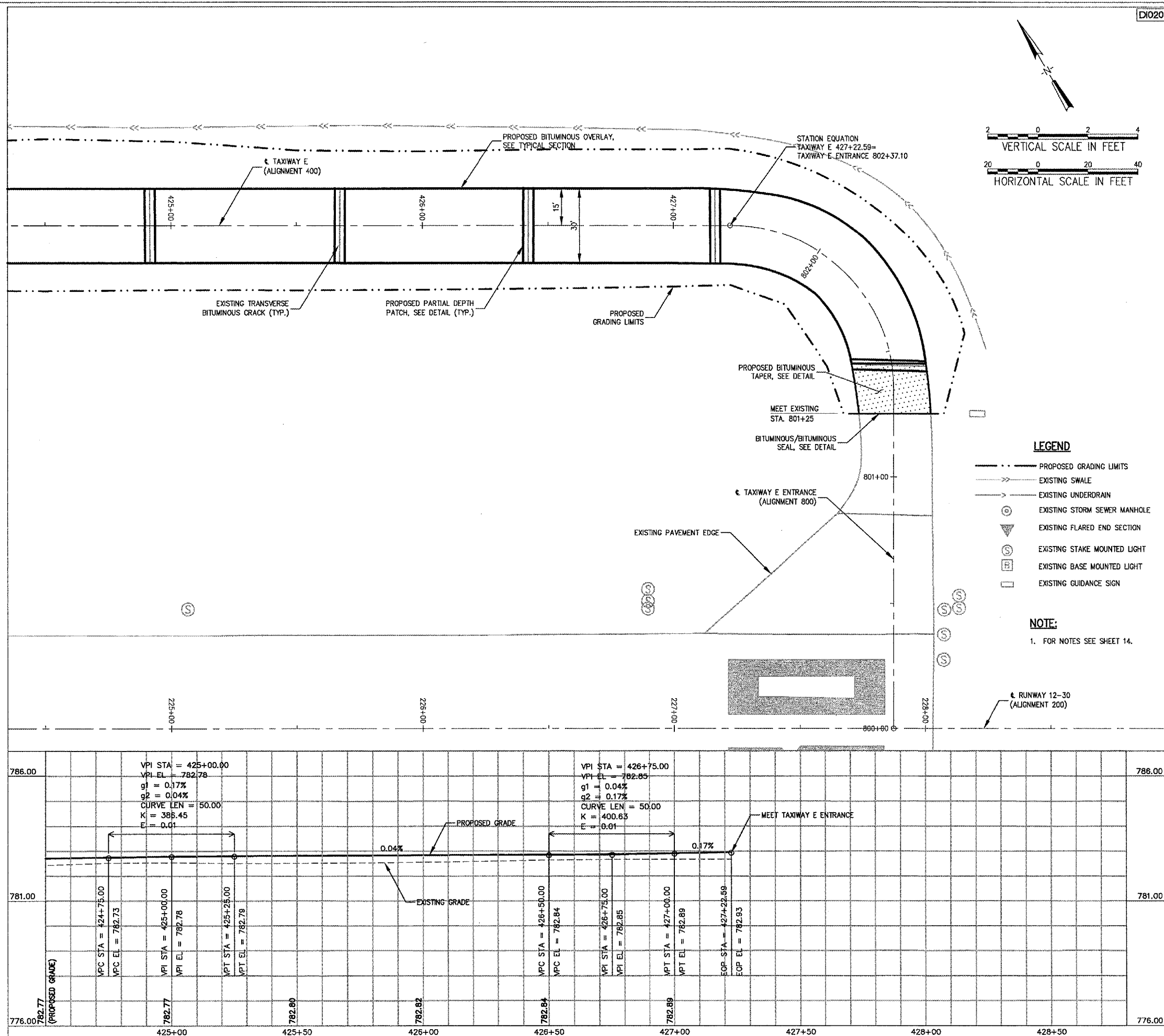
11 MARCH 2005

Sheet Title

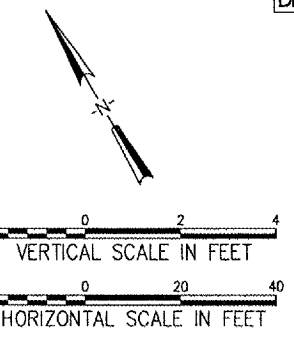
PLAN AND PROFILE  
TAXIWAY E  
STA 424+50 TO  
STA 427+22.59

843-0488007

Project Number  
KLK 02/03/05  
Layout By Date  
KLK 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK DSY ---  
Drawn By Sheet No.



D1020



LEGEND

- PROPOSED GRADING LIMITS
- - - EXISTING SWALE
- - - EXISTING UNDERDRAIN
- ⊙ EXISTING STORM SEWER MANHOLE
- ▽ EXISTING FLARED END SECTION
- ⊙ EXISTING STAKE MOUNTED LIGHT
- ⊙ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

NOTE:

1. FOR NOTES SEE SHEET 14.

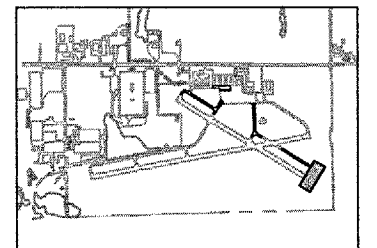
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CITY OF DIXON, ILLINOIS  
Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD  
OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

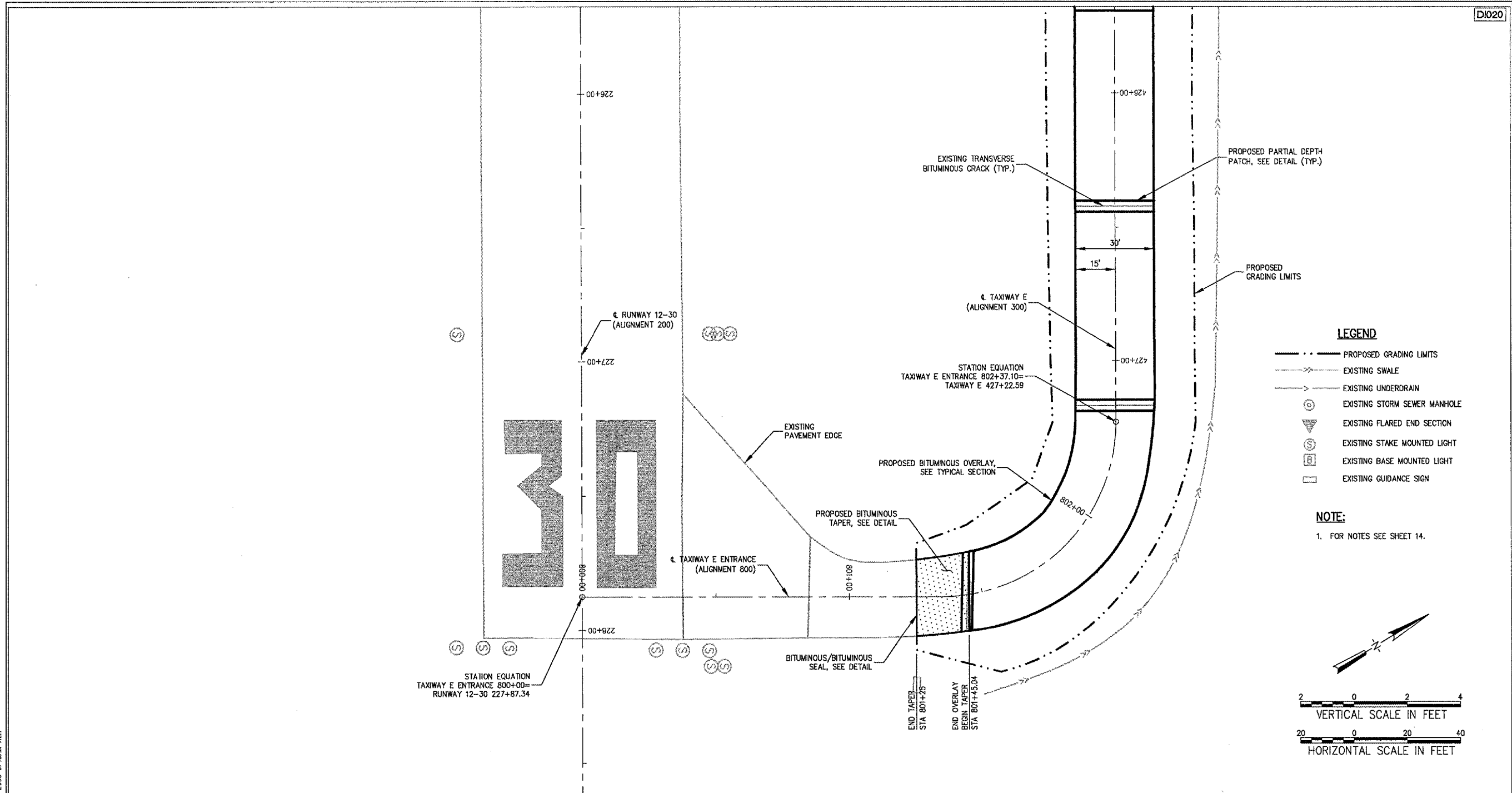
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

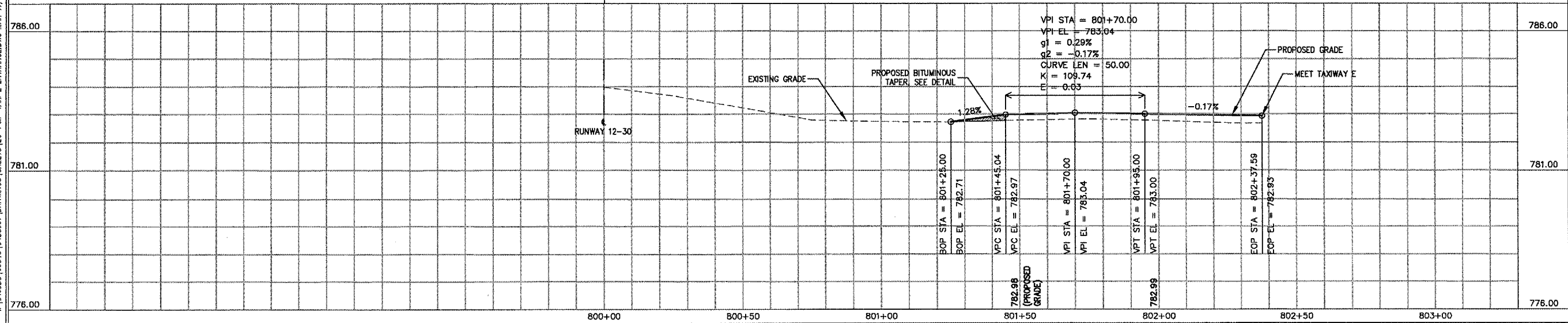
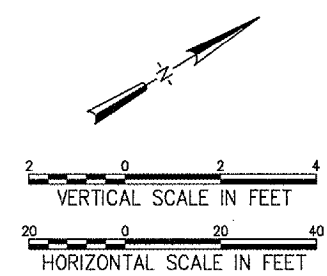
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Date			
11 MARCH 2005			
Sheet Title			
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843-04B8007			
Project Number			
KLK	02/03/05		Date
Layout By			
KLK, TMM	02/03/05		Date
Designed By			
RMH	03/11/05		Date
Reviewed By			
KLK	DSY		Date
Drawn By			
			Sheet No.



- LEGEND**
- PROPOSED GRADING LIMITS
  - EXISTING SWALE
  - EXISTING UNDERDRAIN
  - EXISTING STORM SEWER MANHOLE
  - EXISTING FLARED END SECTION
  - EXISTING STAKE MOUNTED LIGHT
  - EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR NOTES SEE SHEET 14.



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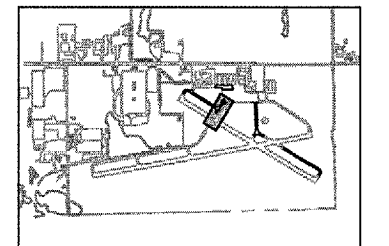


CITY OF DIXON, ILLINOIS  
Post Office Box 386  
Dixon, Illinois 61021  
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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



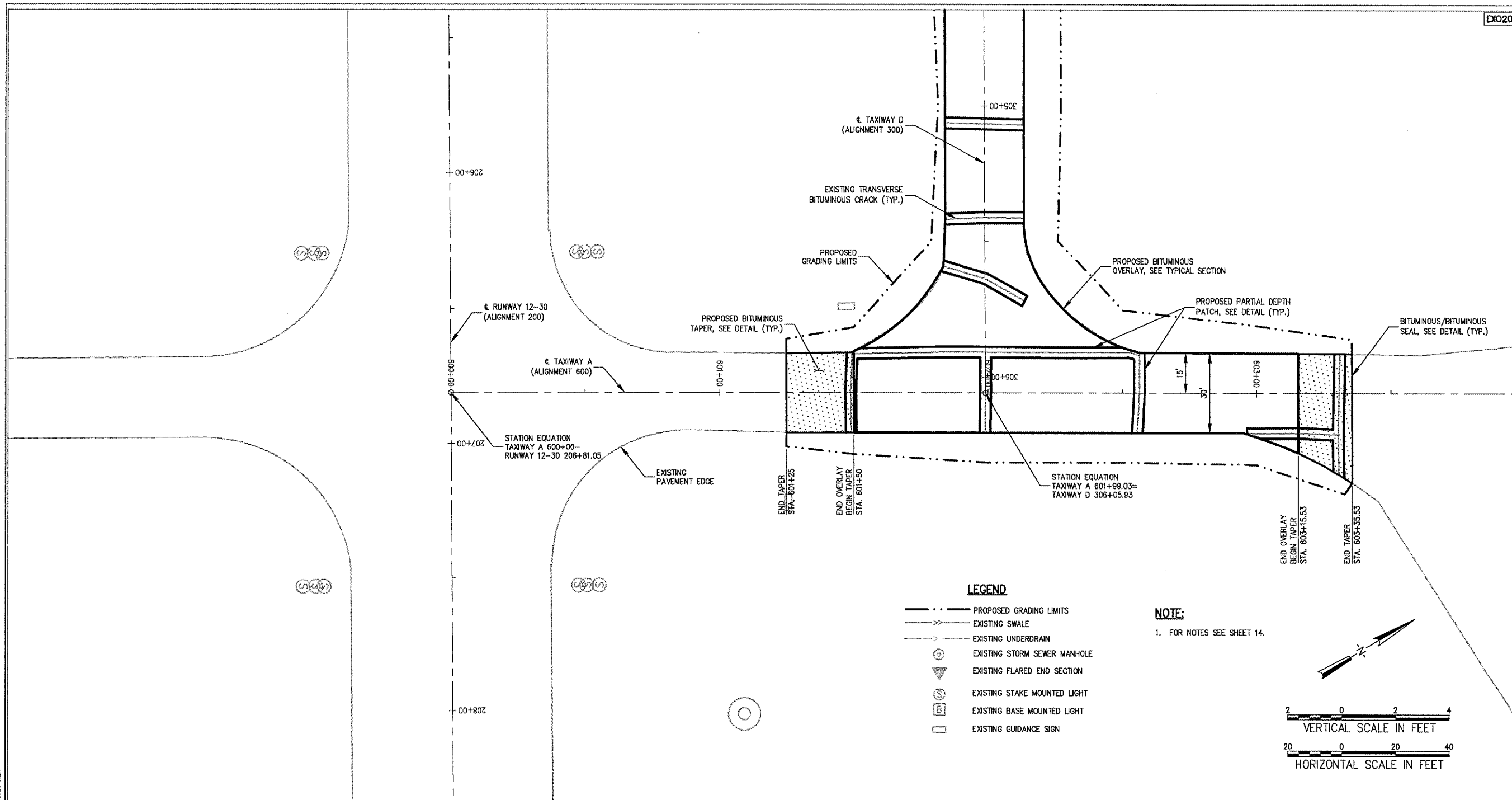
KEY PLAN

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005

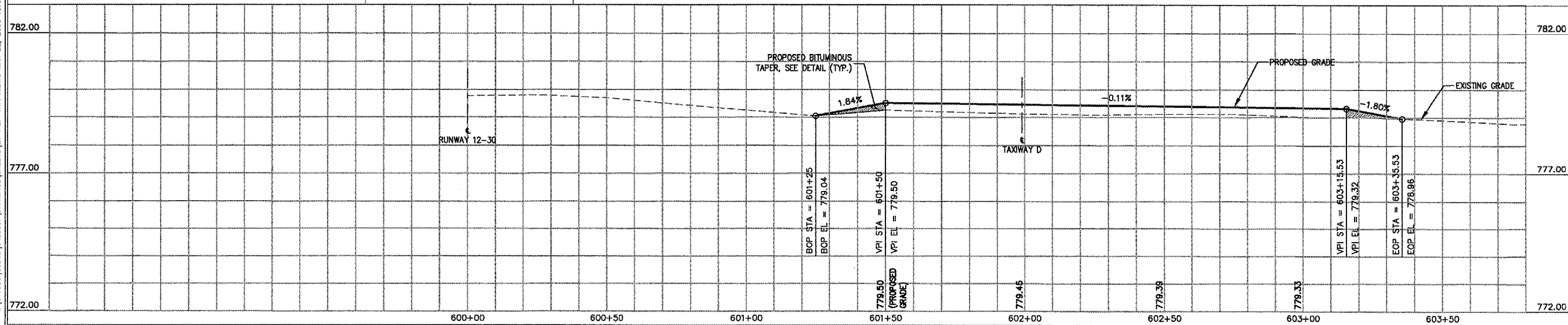
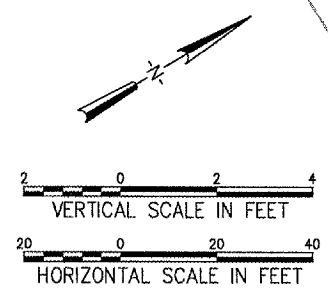
**PLAN AND PROFILE  
TAXIWAY A  
STA 601+25 TO  
STA 603+35.53**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.



- LEGEND**
- PROPOSED GRADING LIMITS
  - EXISTING SWALE
  - EXISTING UNDERDRAIN
  - ⊙ EXISTING STORM SEWER MANHOLE
  - ▽ EXISTING FLARED END SECTION
  - ⊙ EXISTING STAKE MOUNTED LIGHT
  - ⊙ EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR NOTES SEE SHEET 14.



L:\04-025\0284-1\488007\DATA\DWG\SHEETS\21-P&P TAXIWAY A.DWG MAR 22, 2005 10:09AM KLK



HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive Suite 200  
Oak Brook, Illinois 60523  
Telephone: 630.990.3800  
Fax: 630.990.3801



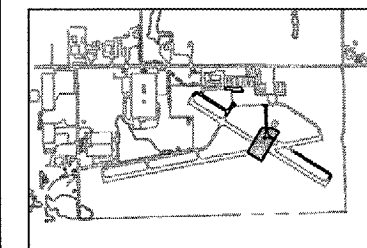
CITY OF DIXON, ILLINOIS

Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

No.	Drawing Issue	Description	Date	By

No. Drawing Issue Description Date By

Date

11 MARCH 2005

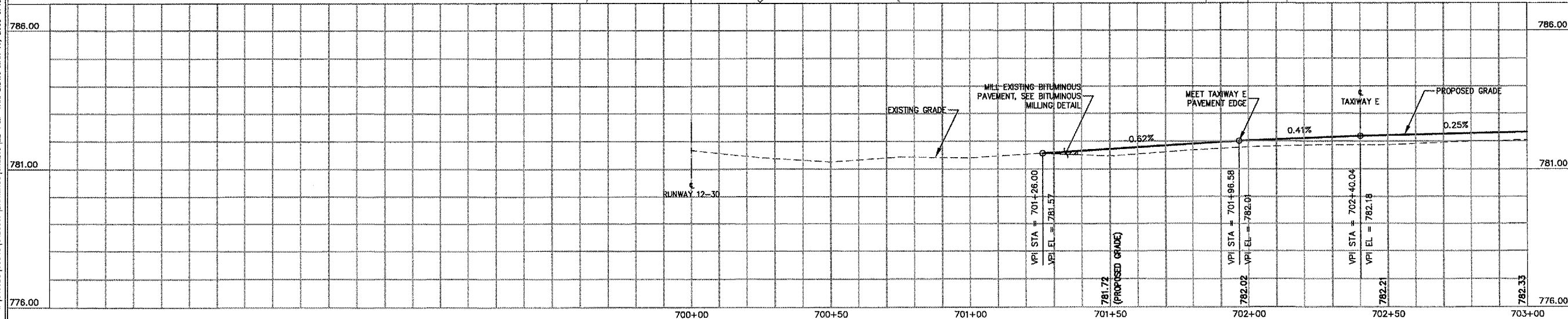
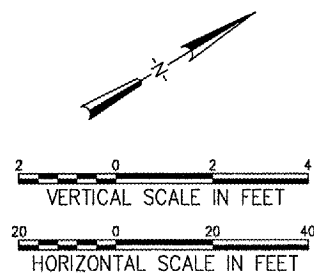
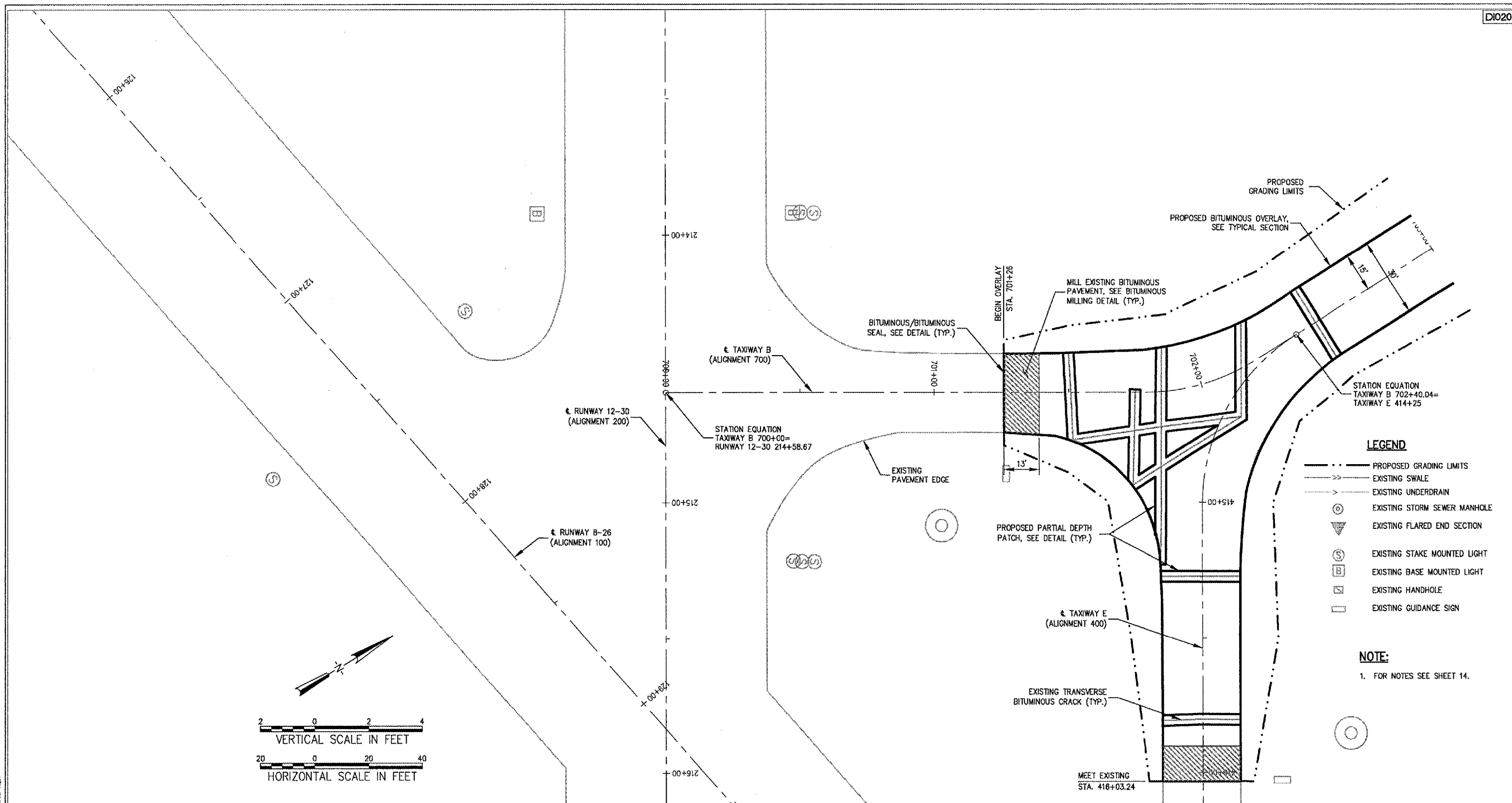
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STA 701+26 TO  
STA 703+00

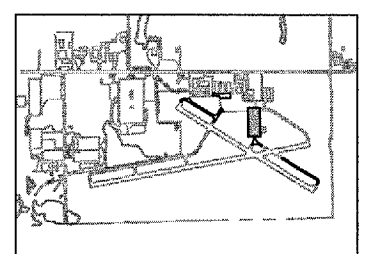
843-0488007

Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.

22



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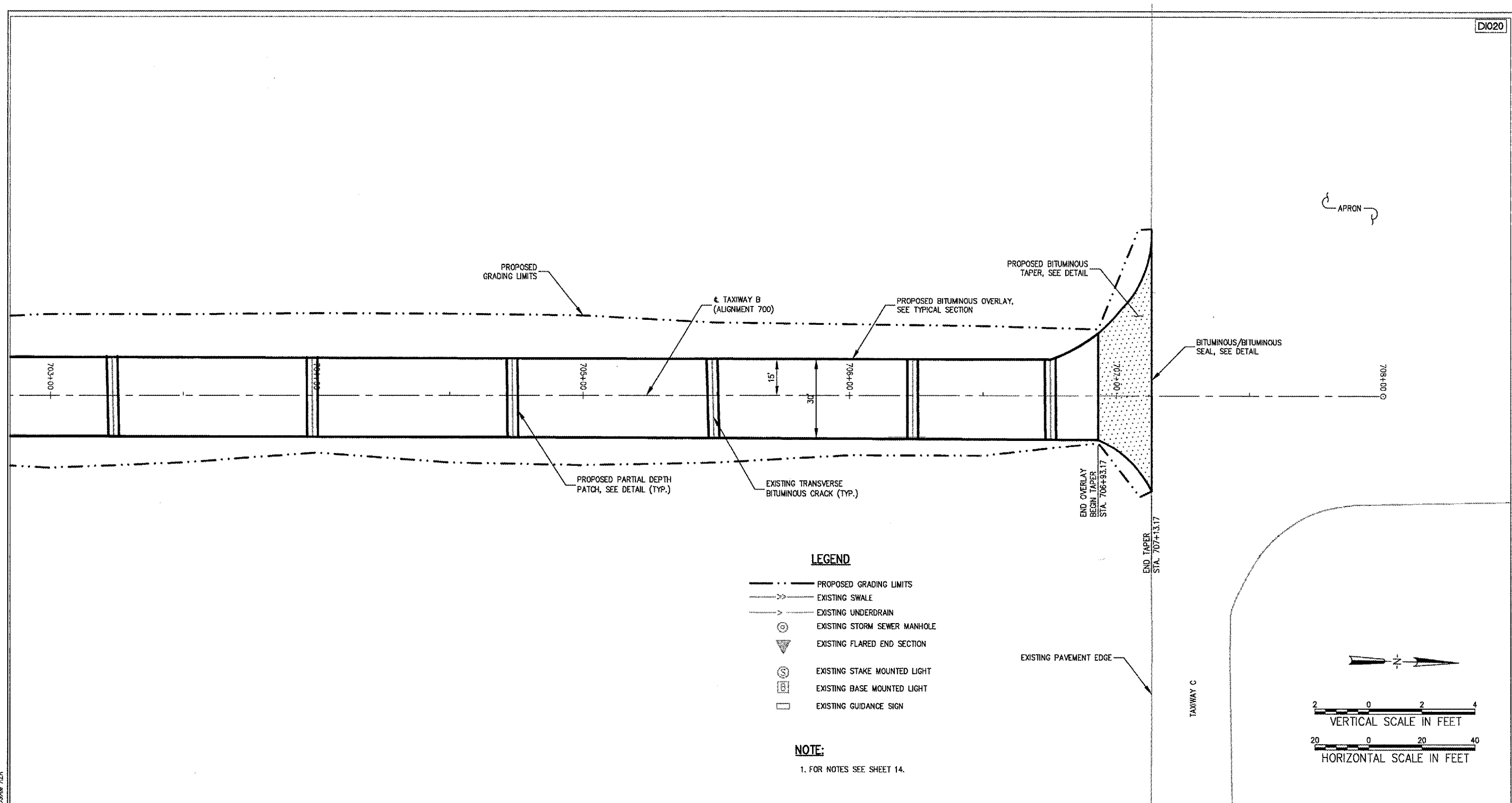
KEY PLAN

No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005  
Sheet Title:

**PLAN AND PROFILE  
TAXIWAY B  
STA 703+00 TO  
STA 707+13.17**

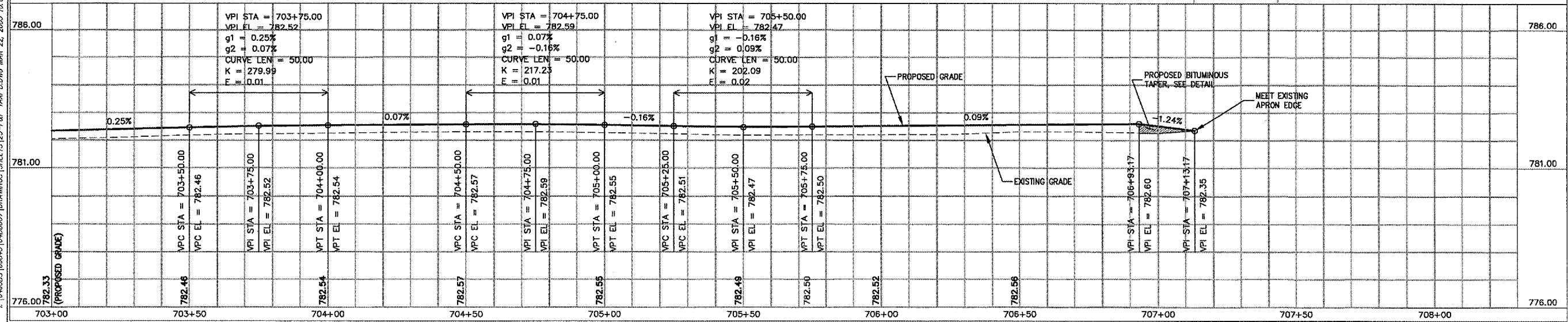
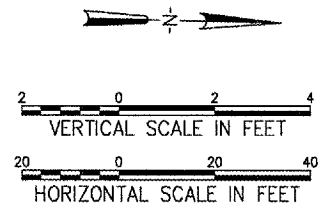
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Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By



**LEGEND**

- PROPOSED GRADING LIMITS
- >->- EXISTING SWALE
- v- EXISTING UNDERDRAIN
- ⊙ EXISTING STORM SEWER MANHOLE
- ▽ EXISTING FLARED END SECTION
- ⊙ EXISTING STAKE MOUNTED LIGHT
- ⊞ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR NOTES SEE SHEET 14.

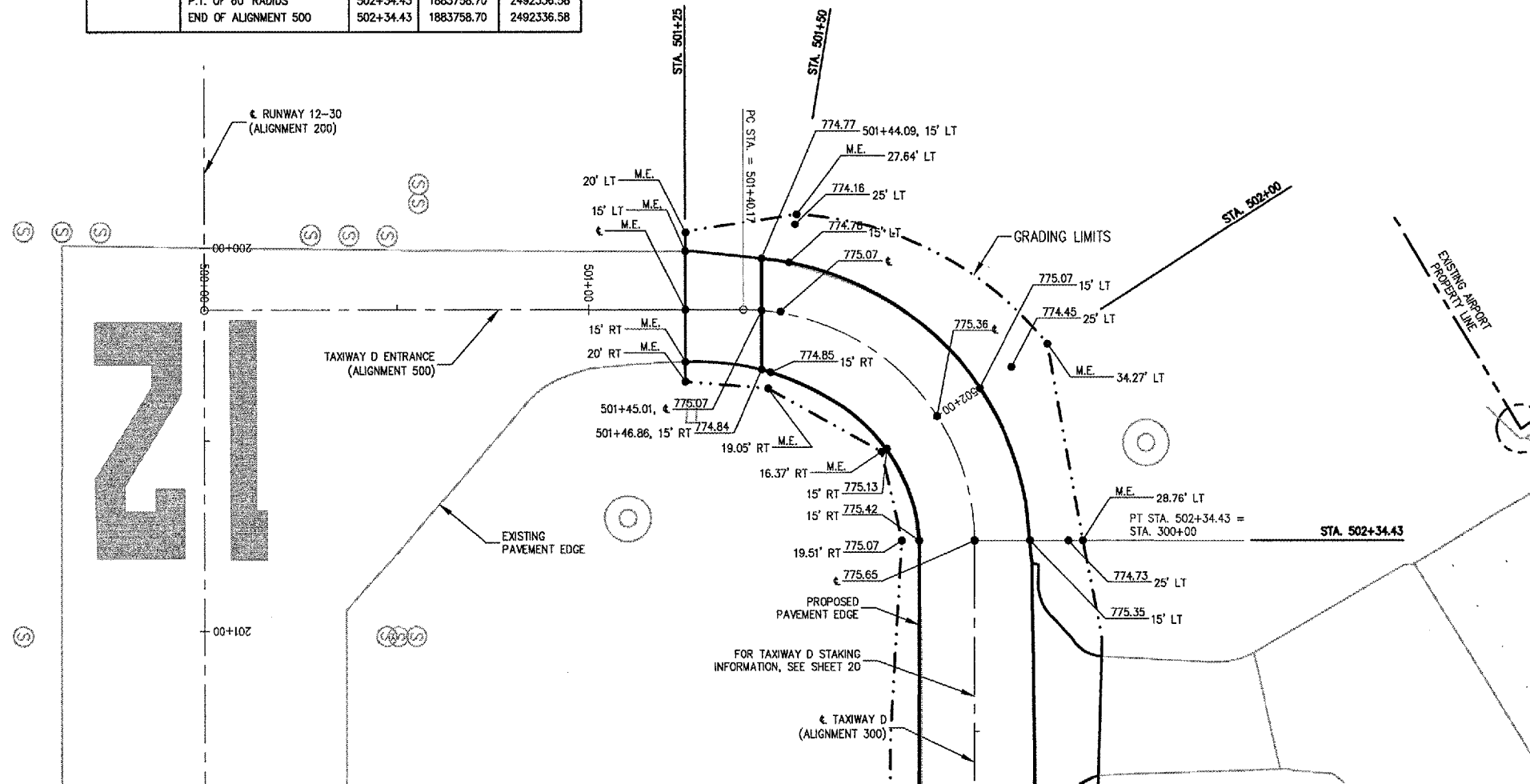


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**ALIGNMENT DATA**  
OVERLAY TAXIWAYS B, D AND E

RUNWAY/ TAXIWAY	DESCRIPTION	STATION	STATE PLANE COORDINATES	
			NORTHING	EASTING
RUNWAY 12-30	BEGINNING OF ALIGNMENT 200	198+00	1883728.78	2491996.80
	END OF ALIGNMENT 200	230+00	1882086.99	2494743.53
TAXIWAY D	BEGINNING OF ALIGNMENT 300	298+00	1883810.14	2492250.82
	END OF ALIGNMENT 300	307+00	1883398.59	2492936.84
TAXIWAY E	BEGINNING OF ALIGNMENT 400	414+25.00	1883090.53	2493522.59
	P.C. OF 75' RADIUS	414+25.00	1883090.53	2493522.59
	CENTER OF 75' RADIUS	-----	1883092.36	2493597.55
	P.T. OF 75' RADIUS	415+00.53	1883027.98	2493559.07
	END OF ALIGNMENT 400	427+22.59	1882400.99	2494608.03
TAXIWAY D ENTRANCE	BEGINNING OF ALIGNMENT 500	500+00	1883617.86	2492182.38
	P.C. OF 60' RADIUS	501+40.17	1883738.18	2492254.29
	CENTER OF 60' RADIUS	-----	1883707.25	2492305.71
	P.T. OF 60' RADIUS	502+34.43	1883758.70	2492336.58
	END OF ALIGNMENT 500	502+34.43	1883758.70	2492336.58

RUNWAY/ TAXIWAY	DESCRIPTION	STATION	STATE PLANE COORDINATES	
			NORTHING	EASTING
TAXIWAY A	BEGINNING OF ALIGNMENT 600	600+00	1883276.75	2492753.05
	END OF ALIGNMENT 600	604+00	1883618.88	2492960.30
TAXIWAY B	BEGINNING OF ALIGNMENT 700	700+00	1882877.79	2493420.53
	P.C. OF 75' RADIUS	701+79.13	1883031.54	2493512.43
	CENTER OF 75' RADIUS	-----	1883070.02	2493448.05
	P.T. OF 75' RADIUS	702+21.37	1883071.85	2493523.03
	END OF ALIGNMENT 700	708+00	1883650.32	2493508.91
TAXIWAY E ENTRANCE	BEGINNING OF ALIGNMENT 800	800+00	1882196.10	2494560.99
	P.C. OF 65' RADIUS	801+34.88	1882311.74	2494630.41
	CENTER OF 65' RADIUS	-----	1882345.20	2494574.69
	P.T. OF 65' RADIUS	802+37.10	1882400.99	2494608.03
	END OF ALIGNMENT 800	802+37.10	1882400.99	2494608.03



**LEGEND**

- PROPOSED GRADING LIMITS
- >-> EXISTING SWALE
- > EXISTING UNDERDRAIN
- ⊙ EXISTING STORM SEWER MANHOLE
- PROP. EL. STATION; OFFSET
- ⊙ EXISTING STAKE MOUNTED LIGHT
- ⊠ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

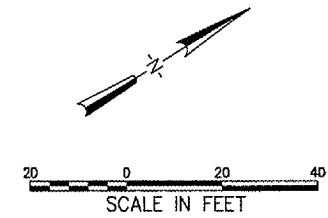
**NOTES:**

1. ALIGNMENTS ARE BASED ON STATE PLANE COORDINATE (ILLINOIS-WEST). SEE ALIGNMENT DATA TABLE, THIS SHEET.
2. FOR ADDITIONAL GRADING INFORMATION, SEE PLAN AND PROFILE SHEETS AND CROSS SECTIONS.
3. PROPOSED PAVEMENT EDGES TO MATCH EXISTING LOCATIONS.
4. STAKING POINTS AT CROSS SECTIONS UNLESS NOTED OTHERWISE.
5. FOR SEEDING INFORMATION, SEE LANDSCAPING PLAN.
6. SEE FRONTAGE APRON STAKING PLAN FOR RESPECTIVE ALIGNMENT DATA, NOTES AND STAKING INFORMATION.

**EARTHWORK QUANTITIES**

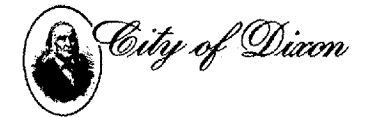
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TOPSOIL (FROM OFF SITE) ITEM AR905520	415.0

**NOTE:**  
EARTHWORK QUANTITIES FOR OVERLAY TAXIWAYS B, D AND E ONLY. FOR REHABILITATE FRONTAGE APRON PAVEMENT EARTHWORK QUANTITIES, SEE RESPECTIVE STAKING PLAN.



HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive Suite 200  
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Fax: 630.990.3801



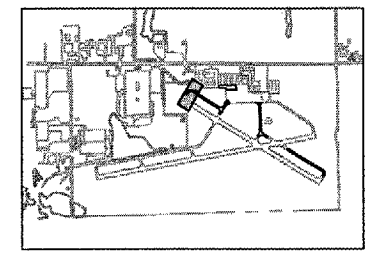
CITY OF DIXON, ILLINOIS

Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



**KEY PLAN**

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005

Sheet Title  
**STAKING PLAN  
TAXIWAY D ENTRANCE  
STA 501+25 TO  
STA 502+34.43**

843-04B8007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK,TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.

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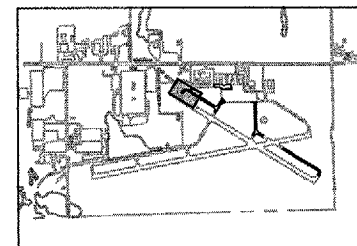
CITY OF DIXON, ILLINOIS

Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

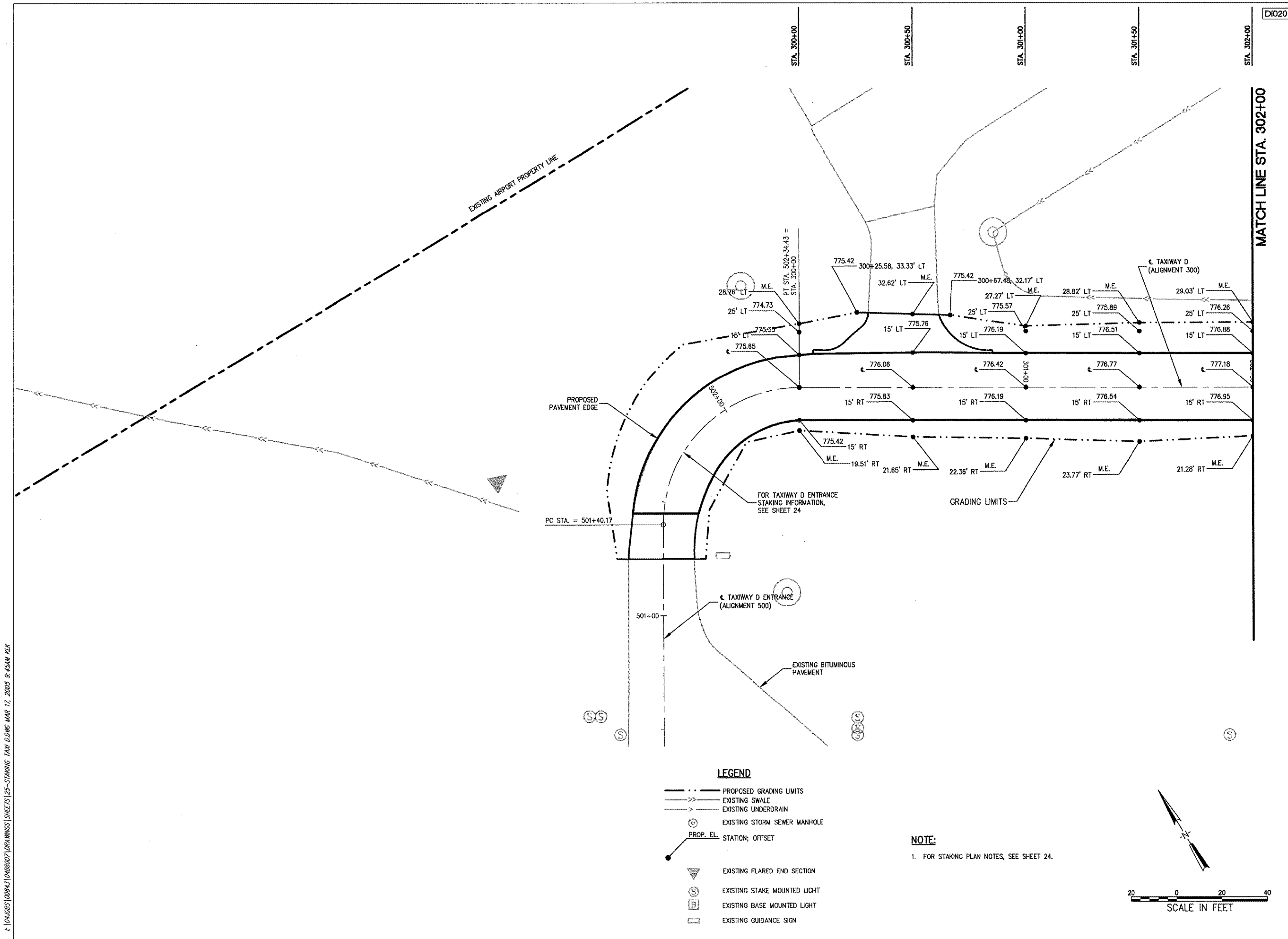
No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005

Sheet Title

**STAKING PLAN  
TAXIWAY D  
STA 300+00 TO  
STA 302+00**

843-0488007	Project Number
KLK	02/03/05
KLK, TMM	02/03/05
RMH	03/11/05
KLK	DSY

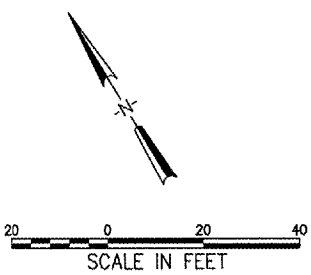


**LEGEND**

- PROPOSED GRADING LIMITS
- - - EXISTING SWALE
- - - EXISTING UNDERDRAIN
- ⊙ EXISTING STORM SEWER MANHOLE
- PROP. EL. STATION; OFFSET
- ▽ EXISTING FLARED END SECTION
- ⊙ EXISTING STAKE MOUNTED LIGHT
- ⊞ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

**NOTE:**

1. FOR STAKING PLAN NOTES, SEE SHEET 24.



4:104JG5 [00943] [0488007] [DRAWINGS] [SHEETS] [25-STAKING TAXIWAY D.DWG MAR. 17, 2005 9:45AM KLK]



815 Commerce Drive Suite 200  
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Telephone: 630.990.3800  
Fax: 630.990.3801

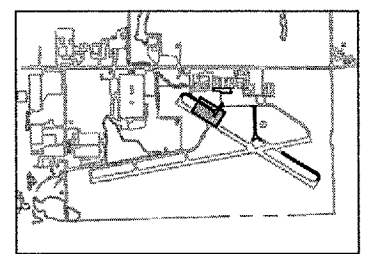
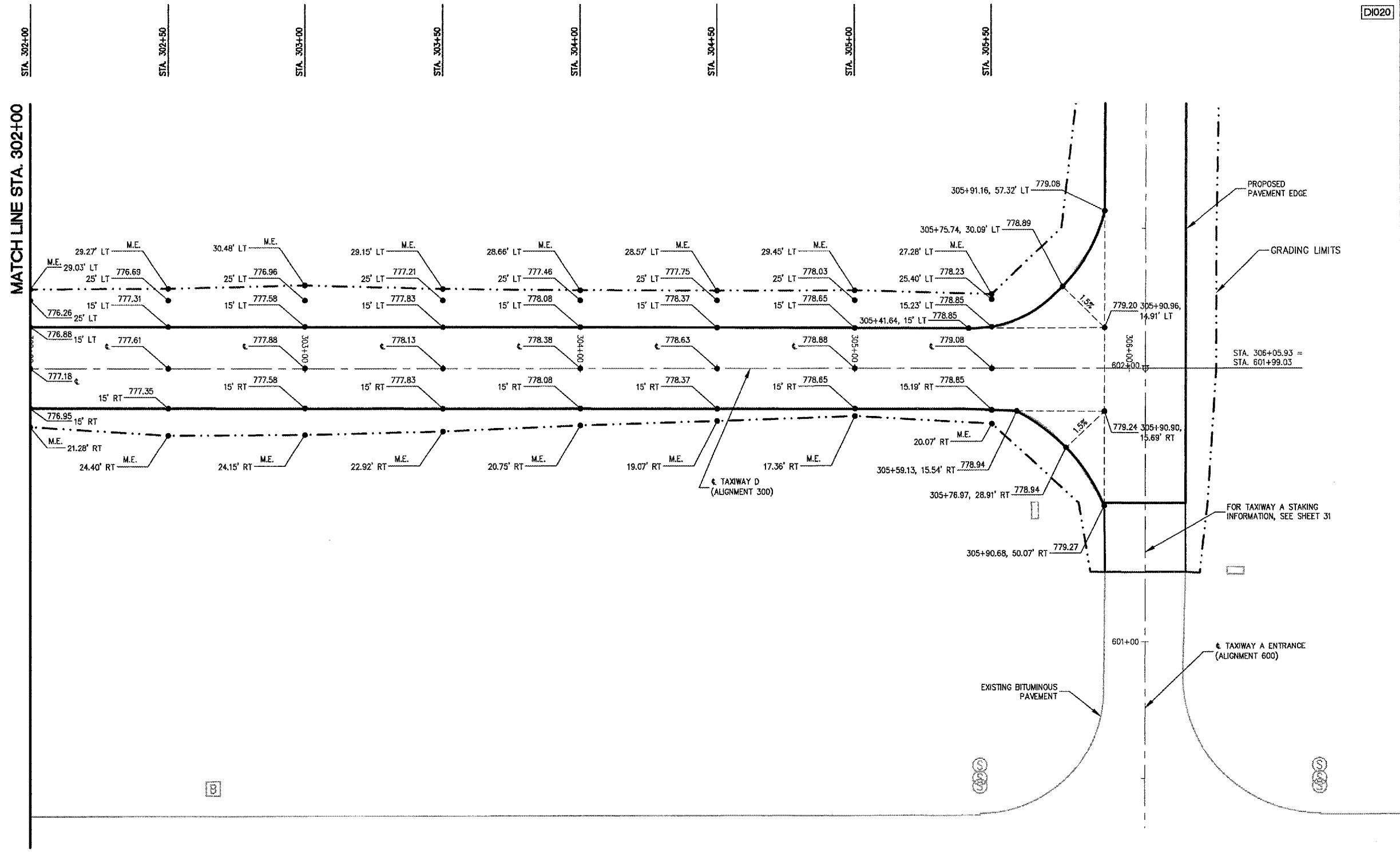


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**DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD**

**OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT**

**AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436**



KEY PLAN

No.	Drawing Issue	Description	Date	By

Date  
11 MARCH 2005

Sheet Title

**STAKING PLAN  
TAXIWAY D  
STA 302+00 TO  
STA 306+05.93**

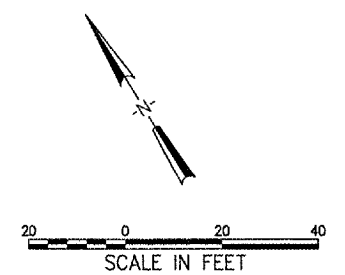
843-04B8007	Project Number	KLK	02/03/05
KLK	Layout By	KLK, TMM	02/03/05
KLK	Designed By	RMH	03/11/05
KLK	Reviewed By	KLK	DSY
	Drawn By		

**LEGEND**

- PROPOSED GRADING LIMITS
- EXISTING SWALE
- EXISTING UNDERDRAIN
- EXISTING STORM SEWER MANHOLE
- PROP. EL. STATION; OFFSET
- EXISTING FLARED END SECTION
- EXISTING STAKE MOUNTED LIGHT
- EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

**NOTE:**

1. FOR STAKING PLAN NOTES, SEE SHEET 24.



F:\04\055\00843\04B8007\DRAWINGS\10-STAKING\TAI D.DWG MAR 17, 2005 10:23AM NKL



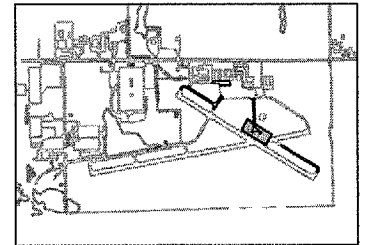
CITY OF DIXON, ILLINOIS

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Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

No.	Drawing Issue Description	Date	By

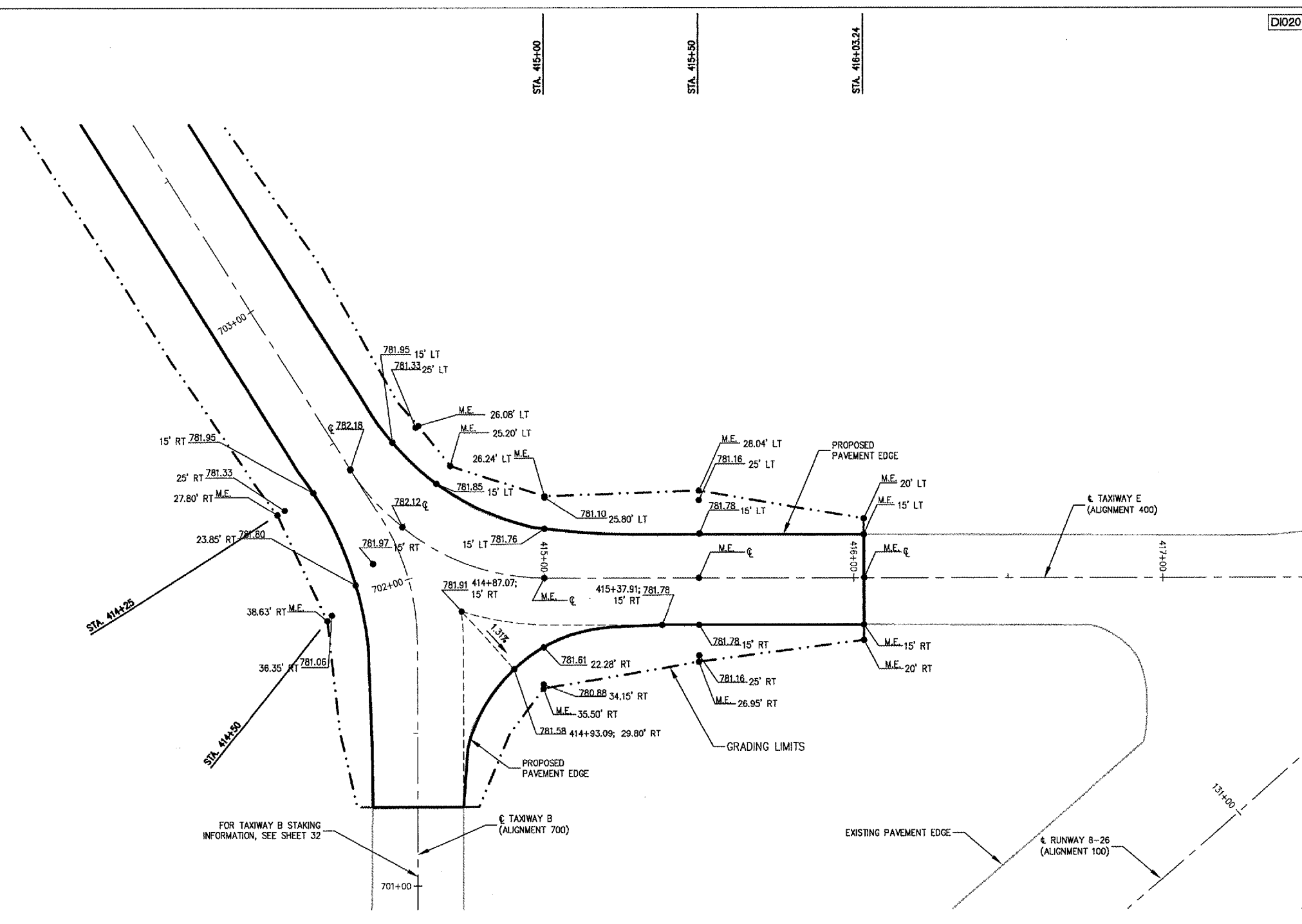
Date

11 MARCH 2005

Sheet Title

**STAKING PLAN  
TAXIWAY E  
STA 414+25 TO  
STA 416+03.24**

843-04B8007  
Project Number  
KLK 02/03/05  
KLK, TMM 02/03/05  
RMH 03/11/05  
KLK DSY

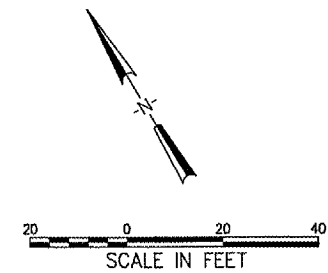


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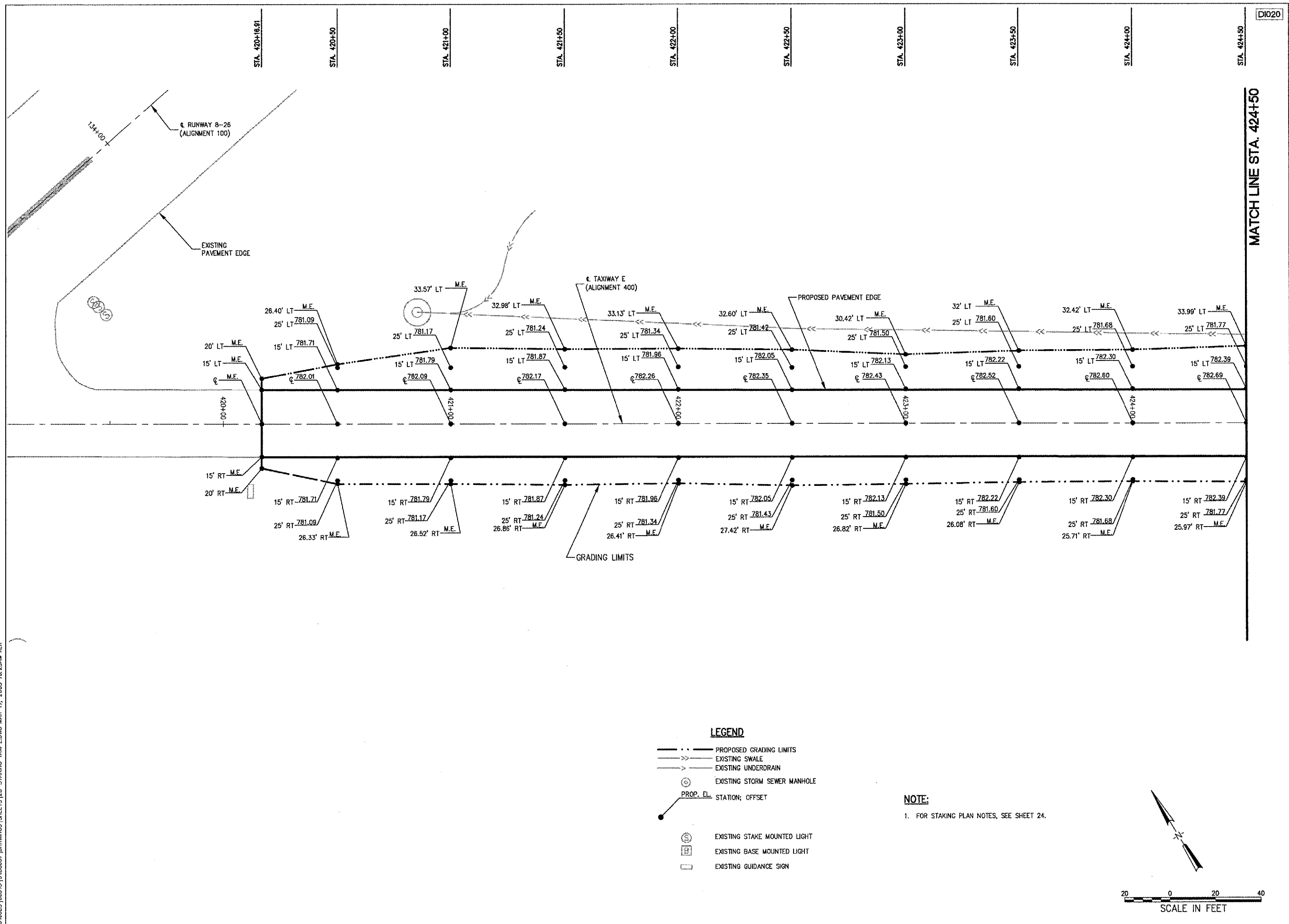
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- EXISTING SWALE
- EXISTING UNDERDRAIN
- ⊕ EXISTING STORM SEWER MANHOLE
- PROP. EL. STATION; OFFSET
- ▽ EXISTING FLARED END SECTION
- ⊙ EXISTING STAKE MOUNTED LIGHT
- ⊞ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

**NOTE:**

1. FOR STAKING PLAN NOTES, SEE SHEET 24.



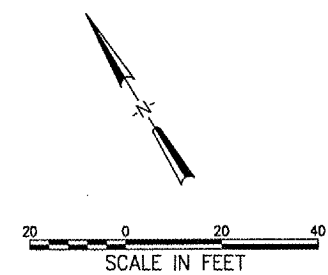
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**LEGEND**

- PROPOSED GRADING LIMITS
- >-> EXISTING SWALE
- >-> EXISTING UNDERDRAIN
- ⊙ EXISTING STORM SEWER MANHOLE
- PROP. EL STATION; OFFSET
- ⊙ EXISTING STAKE MOUNTED LIGHT
- ⊙ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

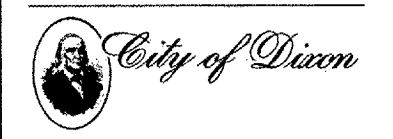
**NOTE:**  
1. FOR STAKING PLAN NOTES, SEE SHEET 24.



MATCH LINE STA. 424+50



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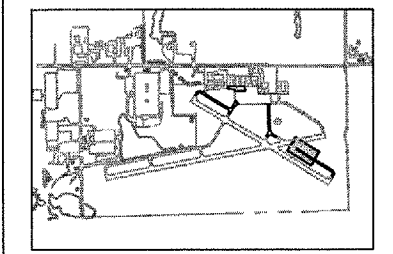


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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



**KEY PLAN**

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005

Sheet Title

**STAKING PLAN  
TAXIWAY E  
STA 420+16.91 TO  
STA 424+50**

Project Number	843-04B8007
KLK	02/03/05
KLK, TMM	02/03/05
RMH	03/11/05
KLK	DSY

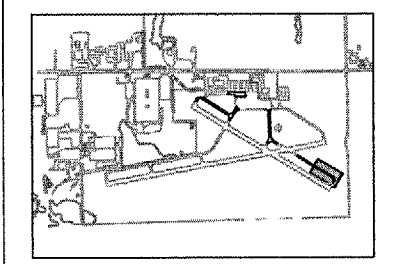


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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

No.	Drawing Issue Description	Date	By

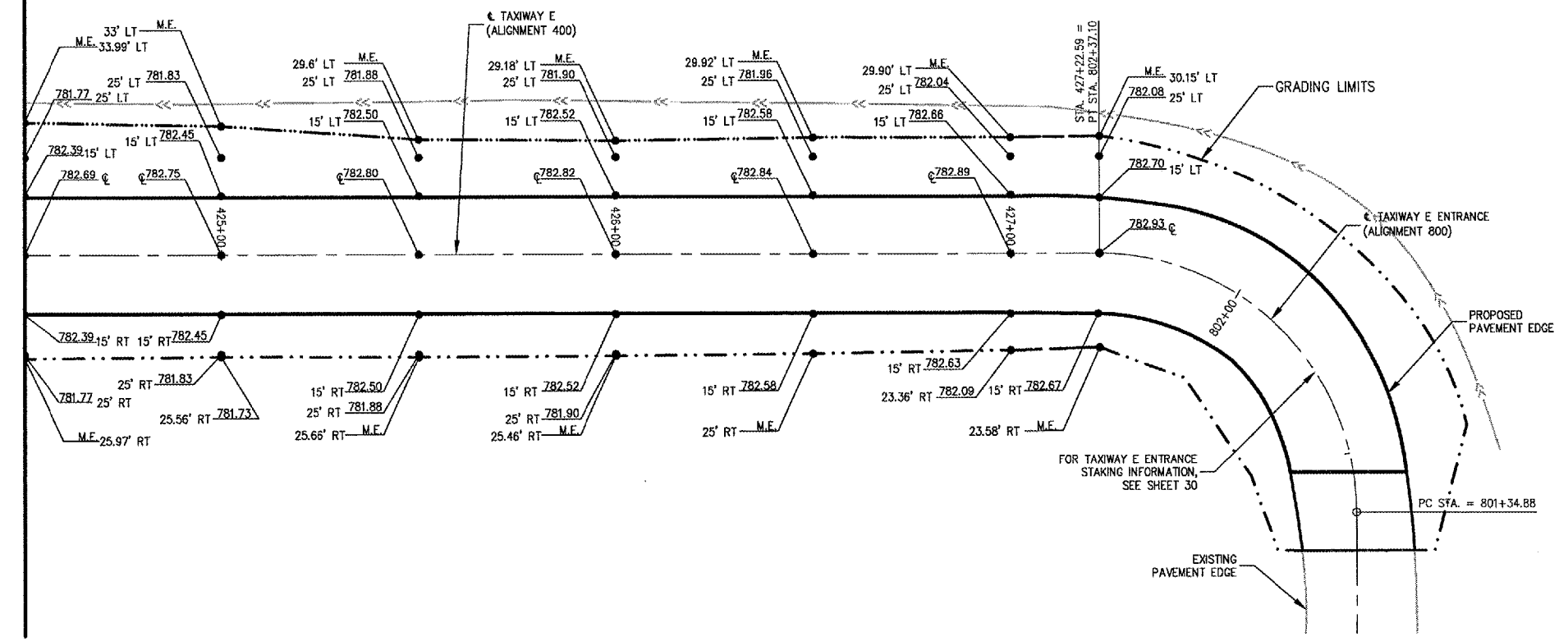
Date  
11 MARCH 2005

Sheet Title  
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TAXIWAY E  
STA 424+50 TO  
STA 427+22.59**

Project Number	843-04B8007
KLK	02/03/05
Layout By	Date
KLK, TMM	02/03/05
Designed By	Date
RMH	03/11/05
Reviewed By	Date
KLK	DSY
Drawn By	Sheet No.

MATCH LINE STA. 424+50

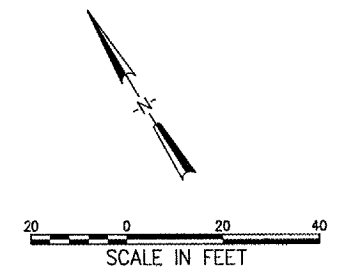
STA. 424+50  
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STA. 427+22.59



**LEGEND**

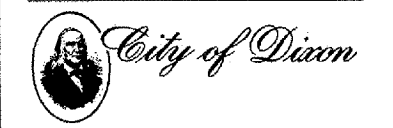
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- EXISTING SWALE
- EXISTING UNDERDRAIN
- EXISTING STORM SEWER MANHOLE
- PROP. EL STATION; OFFSET
- EXISTING STAKE MOUNTED LIGHT
- EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR STAKING PLAN NOTES, SEE SHEET 24.



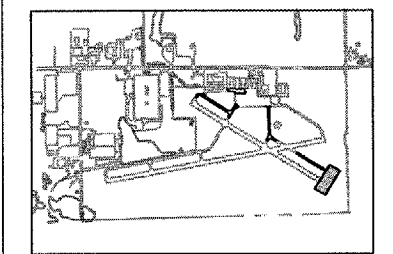
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Oak Brook, Illinois 60523  
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Fax: 630.990.3801

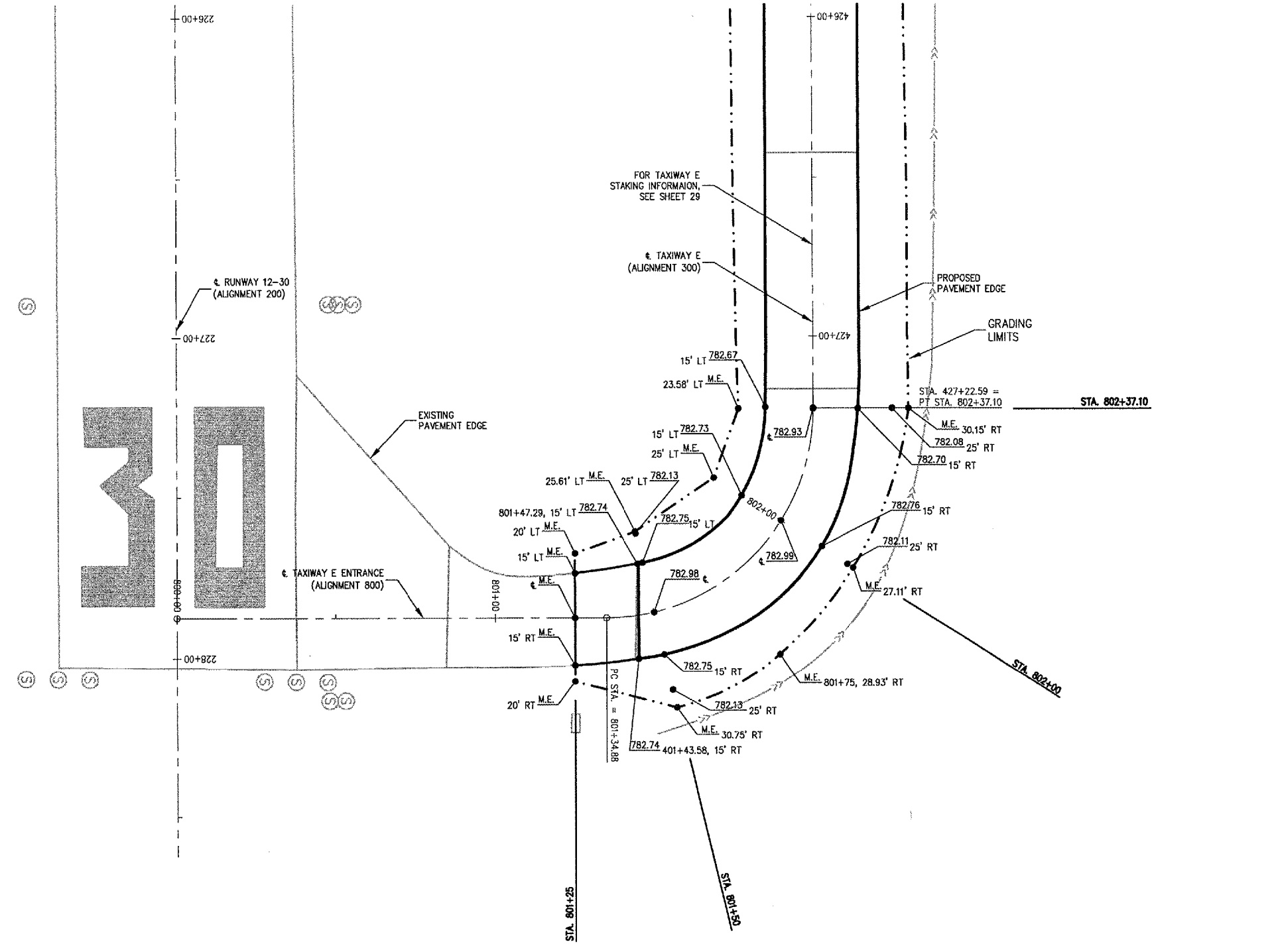


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**DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD**  
**OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT**  
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

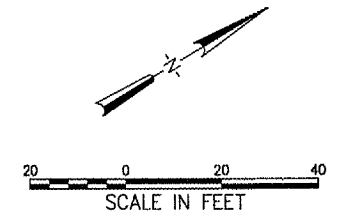


**KEY PLAN**



- LEGEND**
- PROPOSED GRADING LIMITS
  - EXISTING SWALE
  - EXISTING UNDERDRAIN
  - EXISTING STORM SEWER MANHOLE
  - EXISTING STAKE MOUNTED LIGHT
  - EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN
  - M.E. STATION; OFFSET

**NOTE:**  
1. FOR STAKING PLAN NOTES, SEE SHEET 24.



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No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005

Sheet Title  
**STAKING PLAN  
TAXIWAY E ENTRANCE  
STA 801+25 TO  
STA 802+37.10**

843-04B8007	Project Number
KLK	02/03/05
KLK, TMM	02/03/05
RMH	03/11/05
KLK	DSY

**30**  
Sheet No.





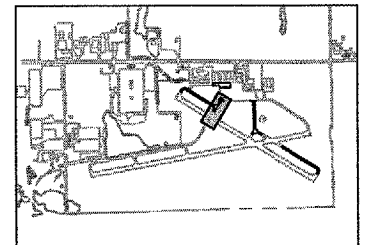
CITY OF DIXON, ILLINOIS

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Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

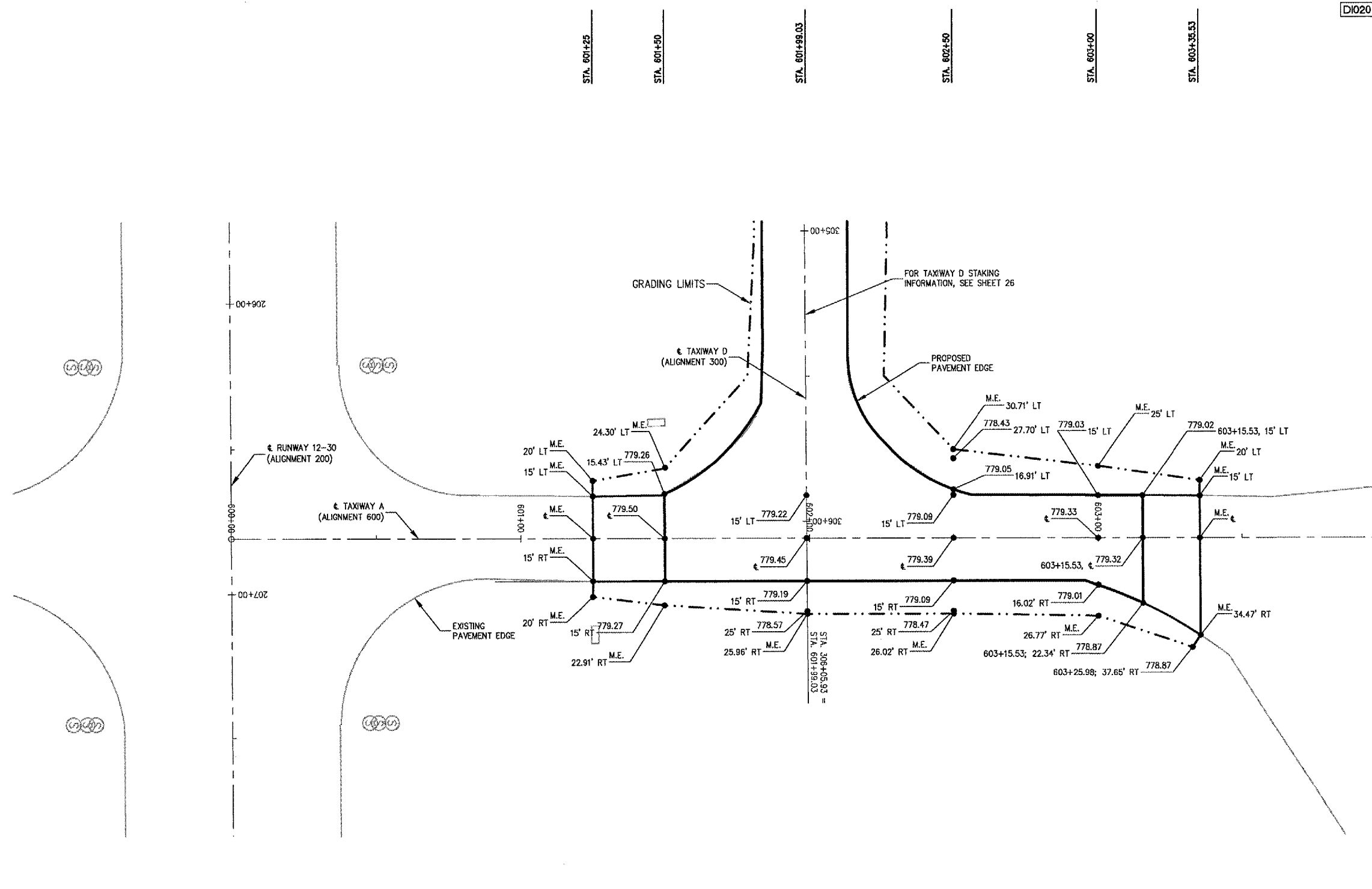
No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

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TAXIWAY A  
STA 601+25 TO  
STA 603+35.53**

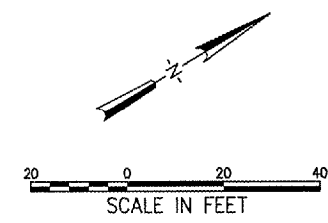
843-04B8007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK DSY  
Drawn By Sheet No.

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- LEGEND**
- PROPOSED GRADING LIMITS
  - EXISTING SWALE
  - EXISTING UNDERDRAIN
  - ⊙ EXISTING STORM SEWER MANHOLE
  - PROP. EL. STATION; OFFSET
  - ⊙ EXISTING STAKE MOUNTED LIGHT
  - ⊙ EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN

**NOTE:**  
1. FOR STAKING PLAN NOTES, SEE SHEET 24.



D1020

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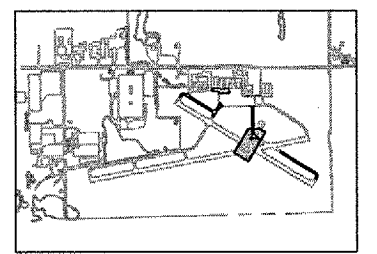


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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

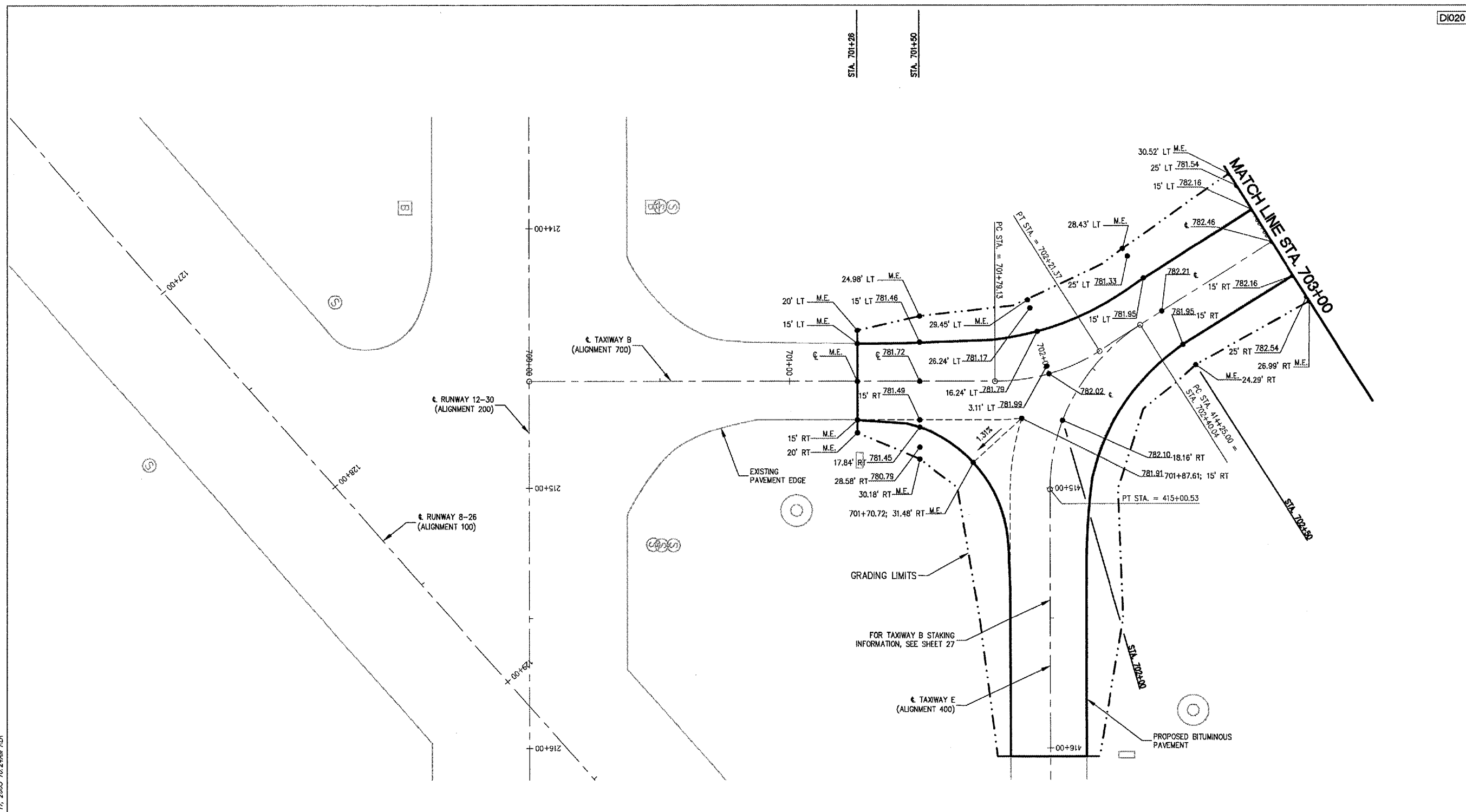
No.	Drawing Issue	Description	Date	By

Date  
11 MARCH 2005

Sheet Title

**STAKING PLAN  
TAXIWAY B  
STA 701+26 TO  
STA 703+00**

843-04B8007
Project Number
KLK 02/03/05
Layout By Date
KLK, TMM 02/03/05
Designed By Date
RMH 03/11/05
Reviewed By Date
KLK DSY
Drawn By
Sheet No.

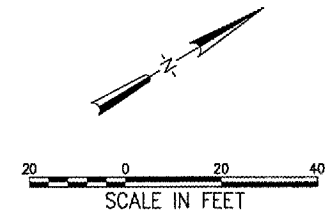


**LEGEND**

- PROPOSED GRADING LIMITS
- > EXISTING SWALE
- > EXISTING UNDERDRAIN
- ⊙ EXISTING STORM SEWER MANHOLE
- PROP. EL. STATION; OFFSET
- ⊙ EXISTING STAKE MOUNTED LIGHT
- ⊙ EXISTING BASE MOUNTED LIGHT
- EXISTING GUIDANCE SIGN

**NOTE:**

1. FOR STAKING PLAN NOTES, SEE SHEET 24.



F:\04\2005\020843\04B8007\DRAWINGS\02-STAKING\TAXIWAY B.DWG MAR 17, 2005 10:24AM KLK



HANSON PROFESSIONAL SERVICES INC.

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Oak Brook, Illinois 60523  
Telephone: 630.990.3800  
Fax: 630.990.3801



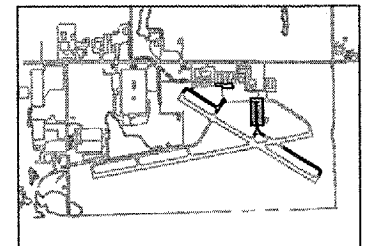
CITY OF DIXON, ILLINOIS

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Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



KEY PLAN

No.	Drawing Issue	Description	Date	By

Date

11 MARCH 2005

Sheet Title

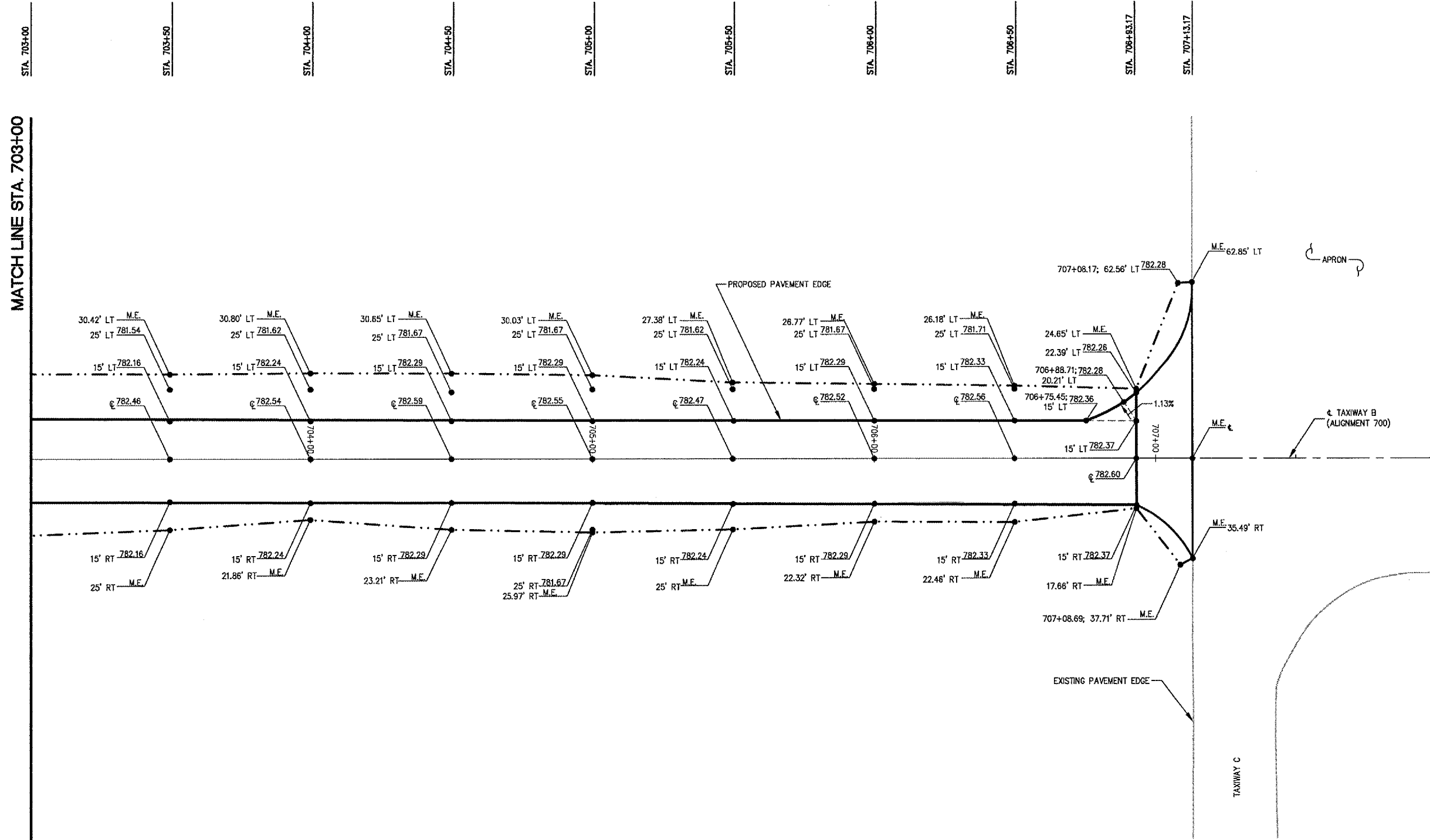
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TAXIWAY B  
STA 703+00 TO  
STA 707+13.17

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.

33

D1020

MATCH LINE STA. 703+00

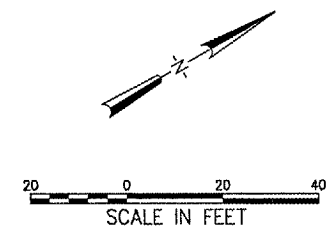


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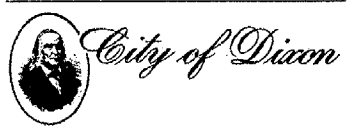
- PROPOSED GRADING LIMITS
- EXISTING SWALE
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- ⊙ EXISTING STORM SEWER MANHOLE
- ⊙ PROP. EL. STATION; OFFSET
- ⊙ EXISTING STAKE MOUNTED LIGHT
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- ⊙ EXISTING GUIDANCE SIGN

NOTE:

1. FOR STAKING PLAN NOTES, SEE SHEET 24.



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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

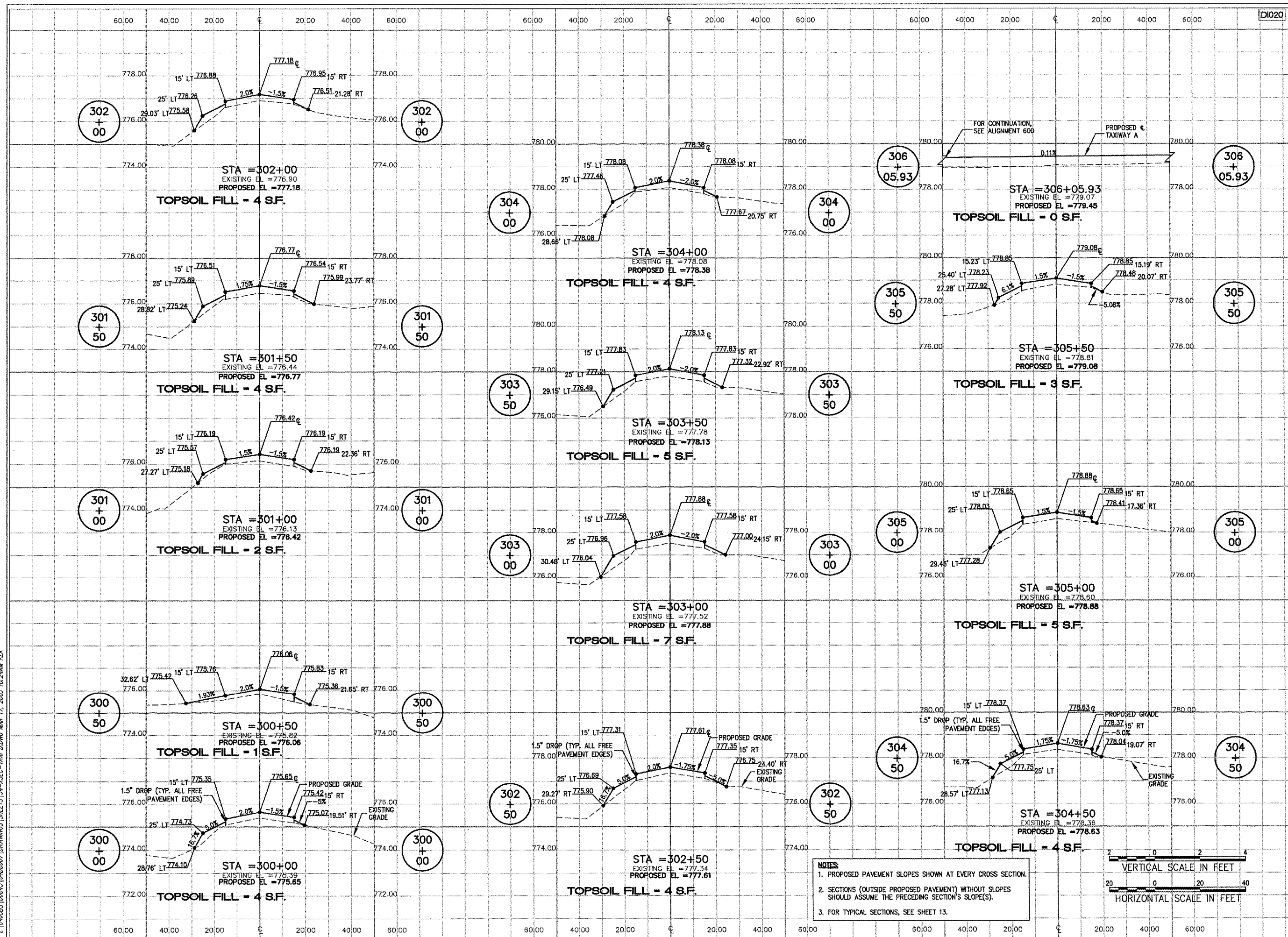
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IDA PROJECT NO. C73-3436

No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005  
Sheet Title:

**CROSS SECTIONS  
TAXIWAY D  
STA 300+00 TO  
STA 306+05.93**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.



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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

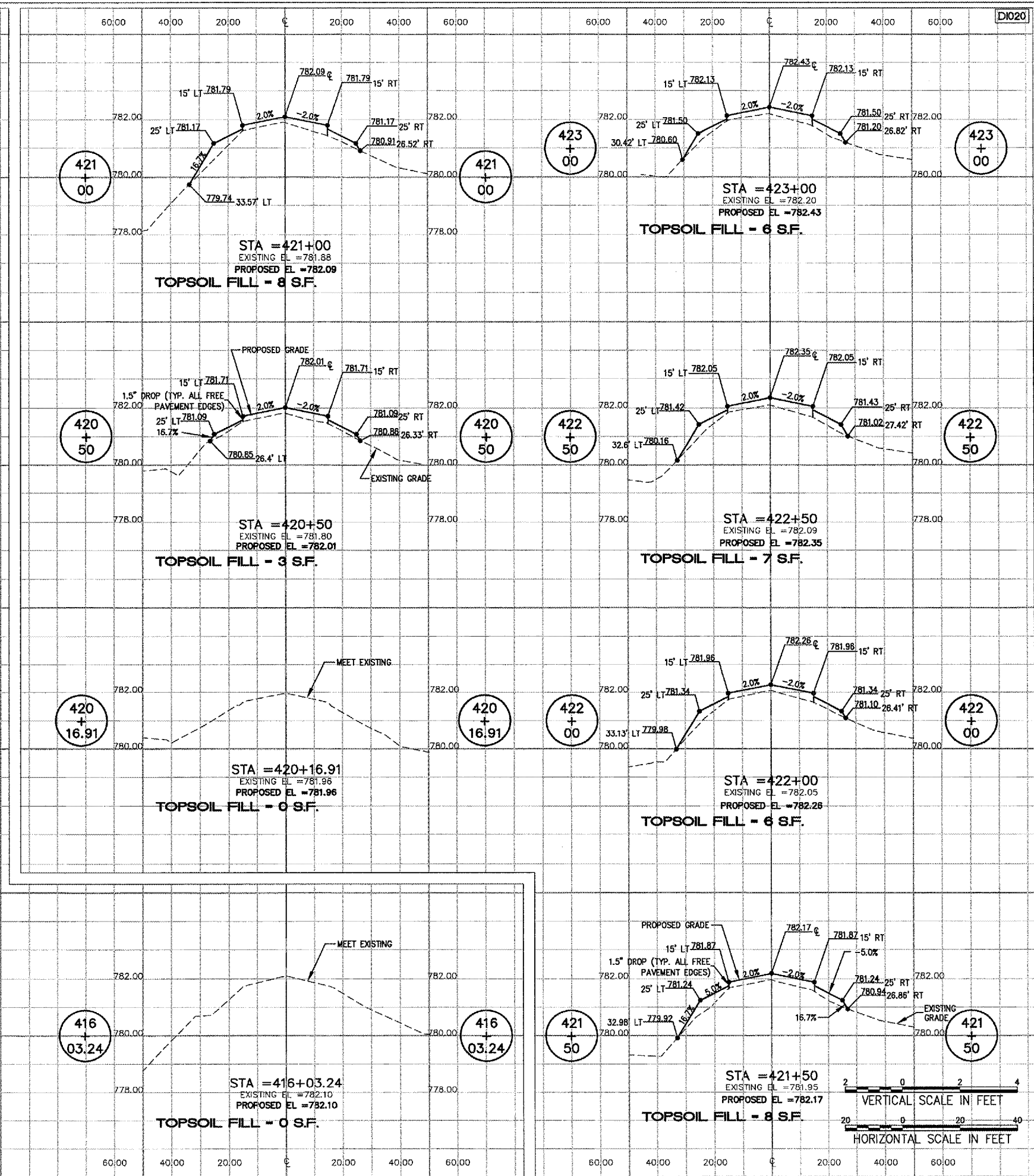
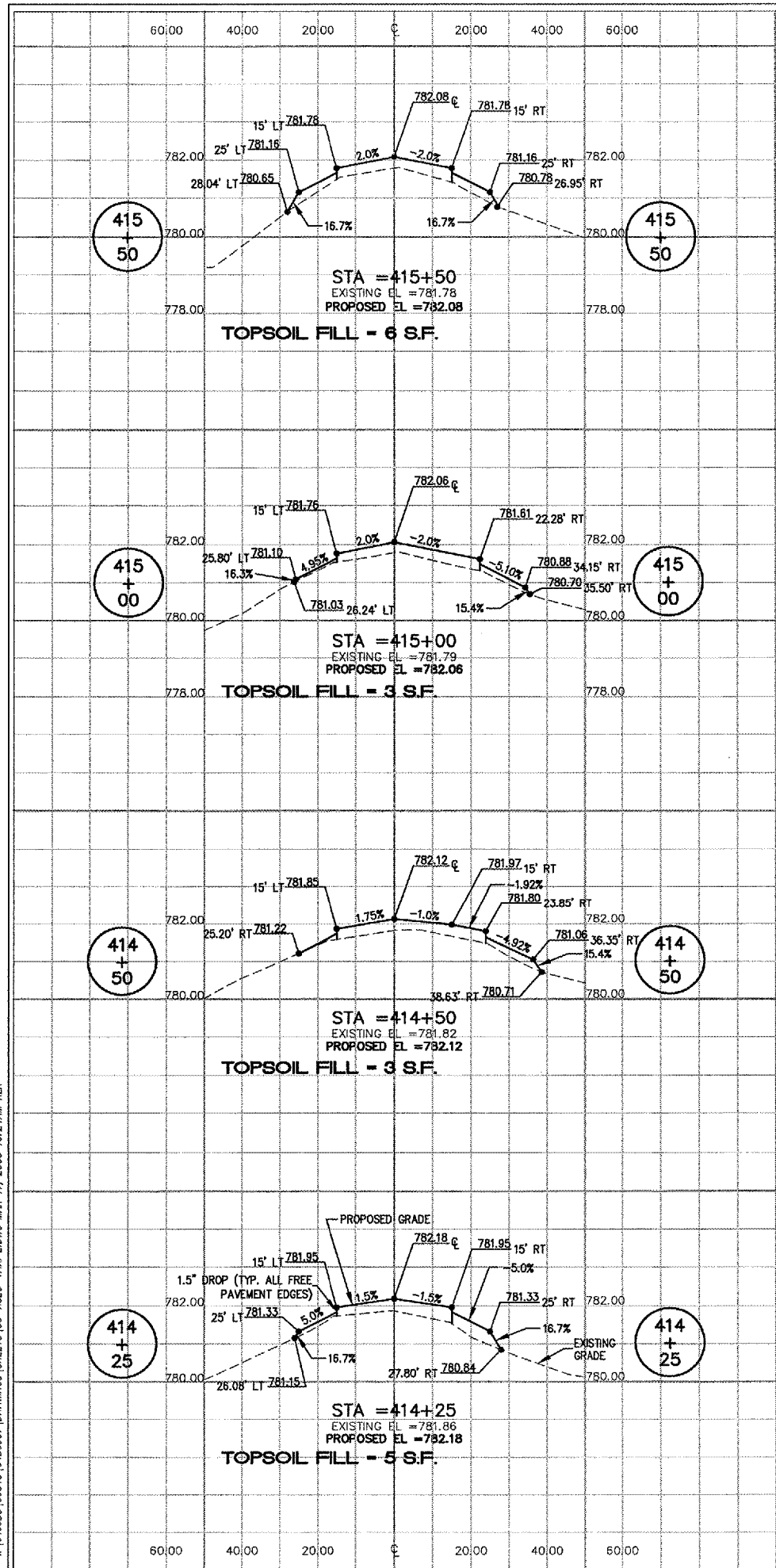
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

CROSS SECTIONS  
TAXIWAY E  
STA. 414+25 TO STA. 416+03.24,  
STA. 420+16.91 TO STA. 423+00

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.



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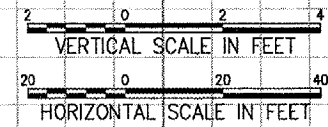
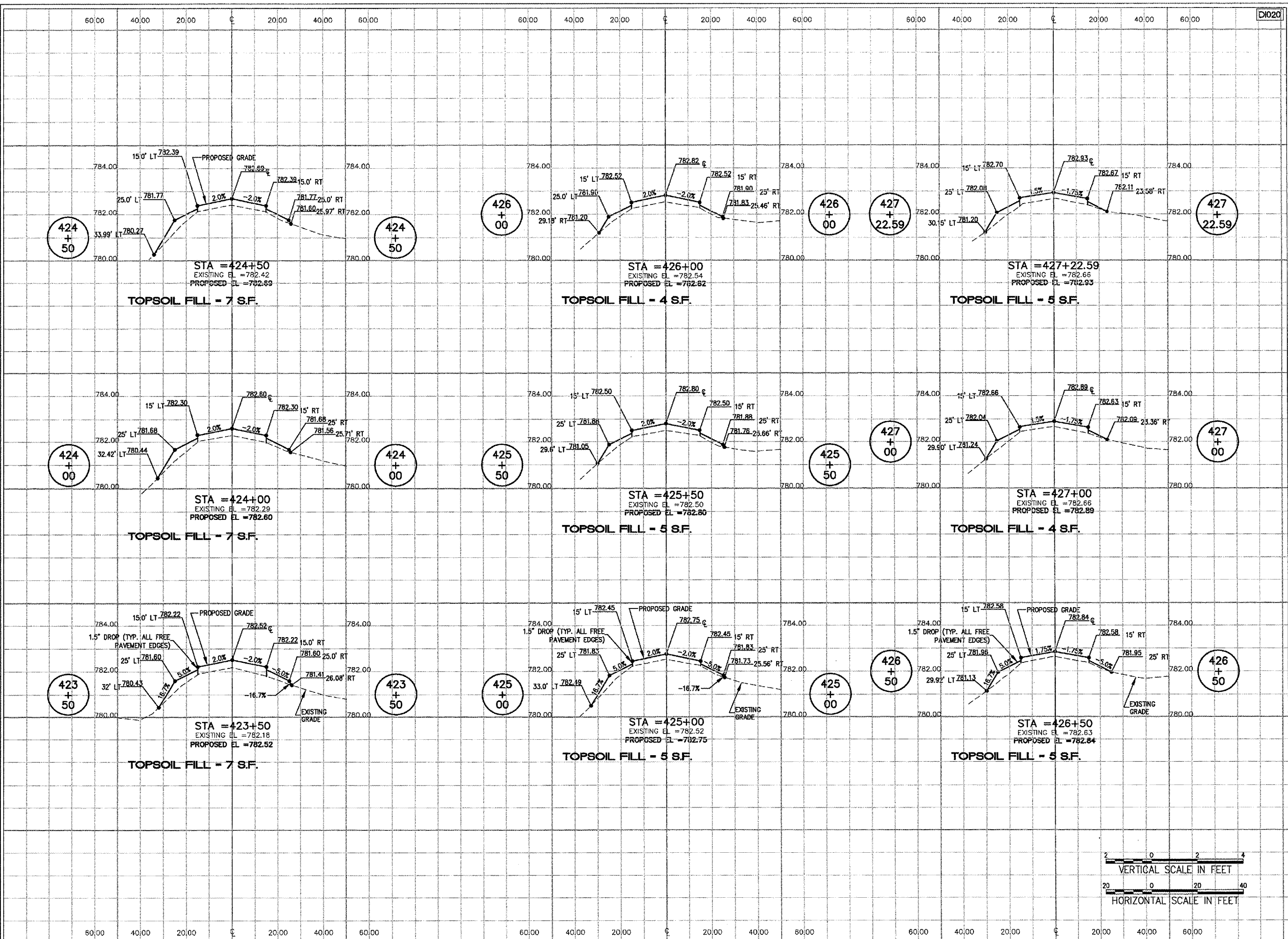
CITY OF DIXON, ILLINOIS

Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELDOVERLAY TAXIWAYS B, D AND E  
REHABILITATE FRONTAGE APRON  
PAVEMENTAIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

No.	Drawing Issue Description	Date	By

Date 11 MARCH 2005  
Sheet TitleCROSS SECTIONS  
TAXIWAY E  
STA 423+50 TO  
STA 427+22.59843-04B8007  
Project Number  
KLK 02/03/05  
Logoff By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.

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Fax: 630.990.3801



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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436


No.	Drawing Issue Description	Date	By

Date

11 MARCH 2005

Sheet Title

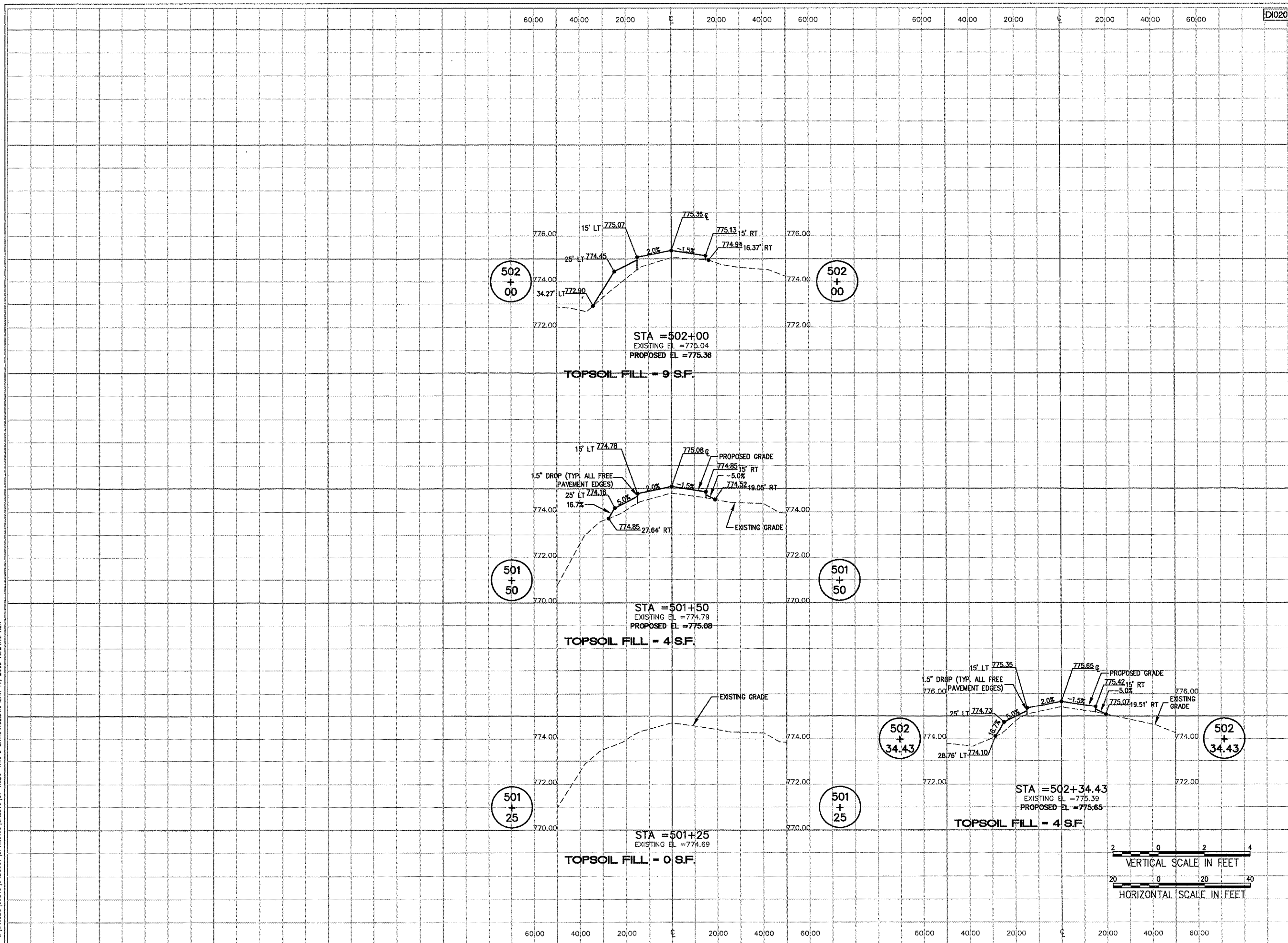
CROSS SECTIONS  
TAXIWAY D ENTRANCE  
STA 501+25 TO  
STA 502+34.43

843-04B8007

Project Number	KLK	02/03/05
Layout By	KLK, TMM	02/03/05
Designed By	RMH	03/11/05
Reviewed By	KLK	DSY
Drawn By		

37

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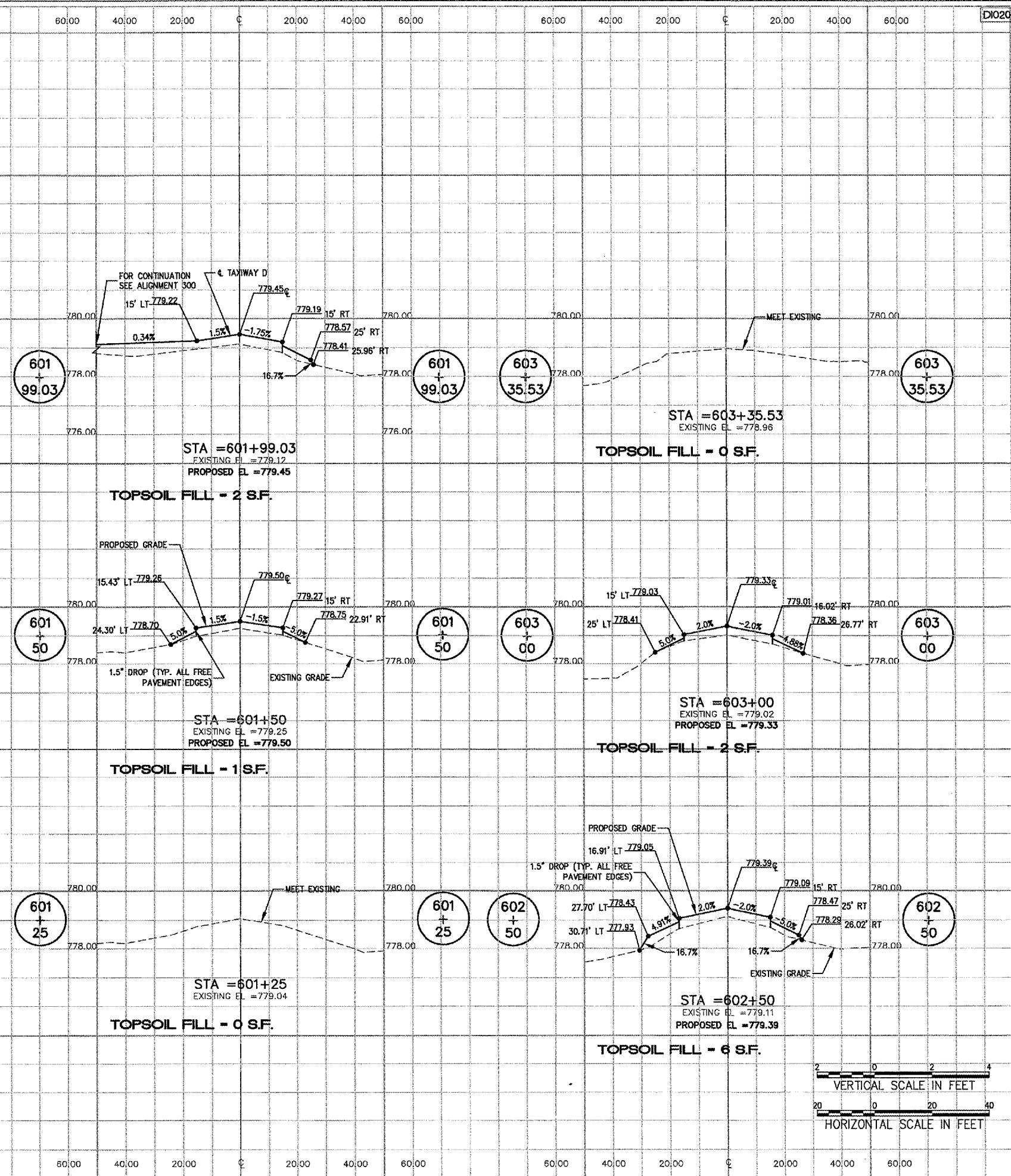
CITY OF DIXON, ILLINOIS

Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

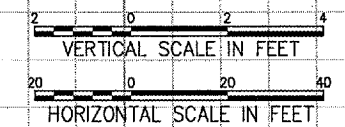


No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005

Sheet Title: CROSS SECTIONS TAXIWAY A STA 601+25 TO STA 603+35.53

843-0488007  
Project Number: KLK 02/03/05  
Layout By: KLK, TMM 02/03/05  
Designed By: RMH 03/11/05  
Released By: KLK DSY  
Drawn By: \_\_\_\_\_



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HANSON PROFESSIONAL SERVICES INC.

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Oak Brook, Illinois 60523  
Telephone: 630.990.3800  
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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

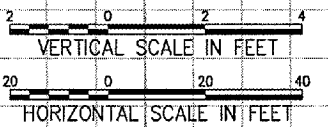
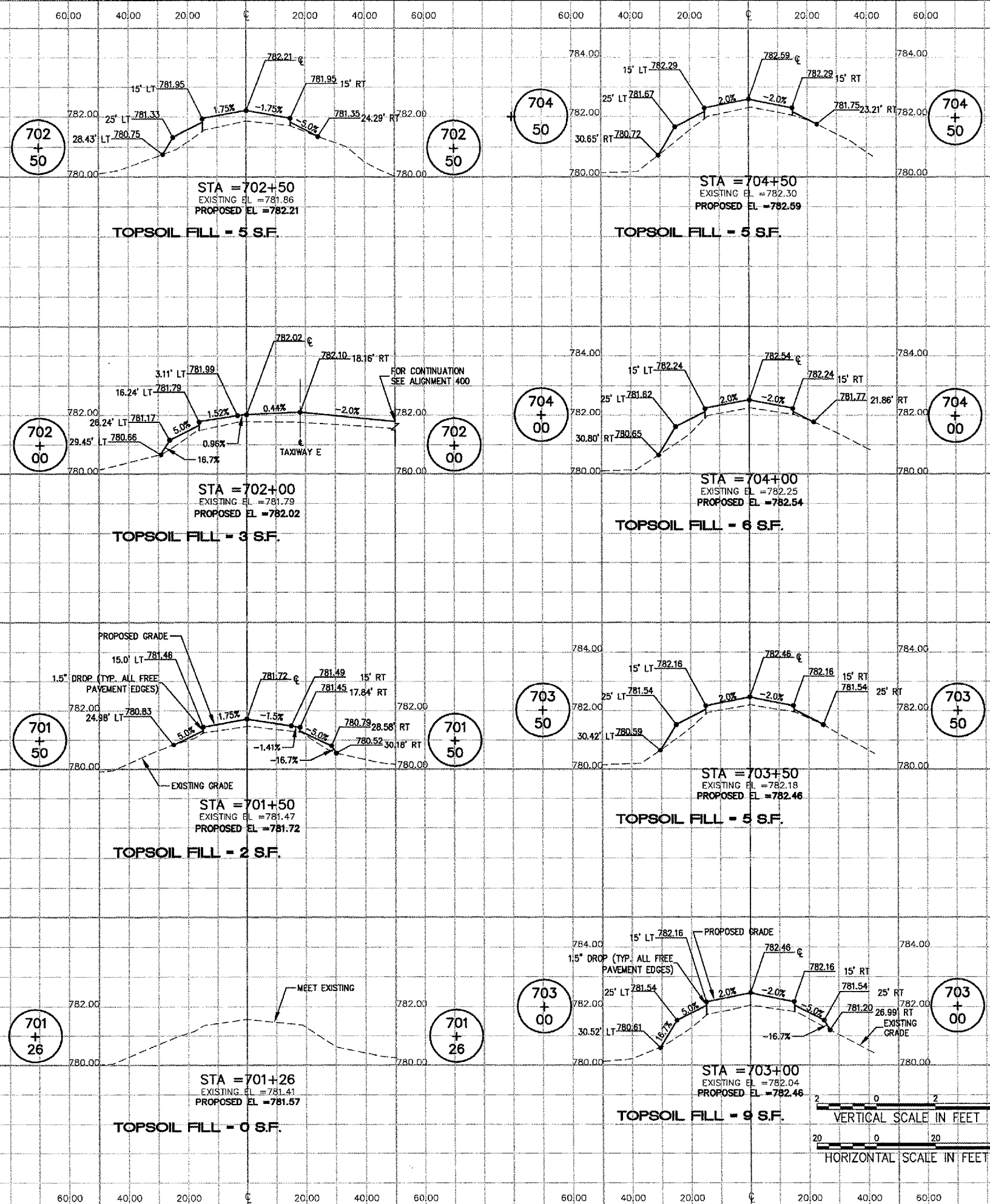
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

**CROSS SECTIONS  
TAXIWAY B  
STA 701+26 TO  
STA 704+50**

843-04B8007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.



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CHARLES R. WALGREEN FIELD

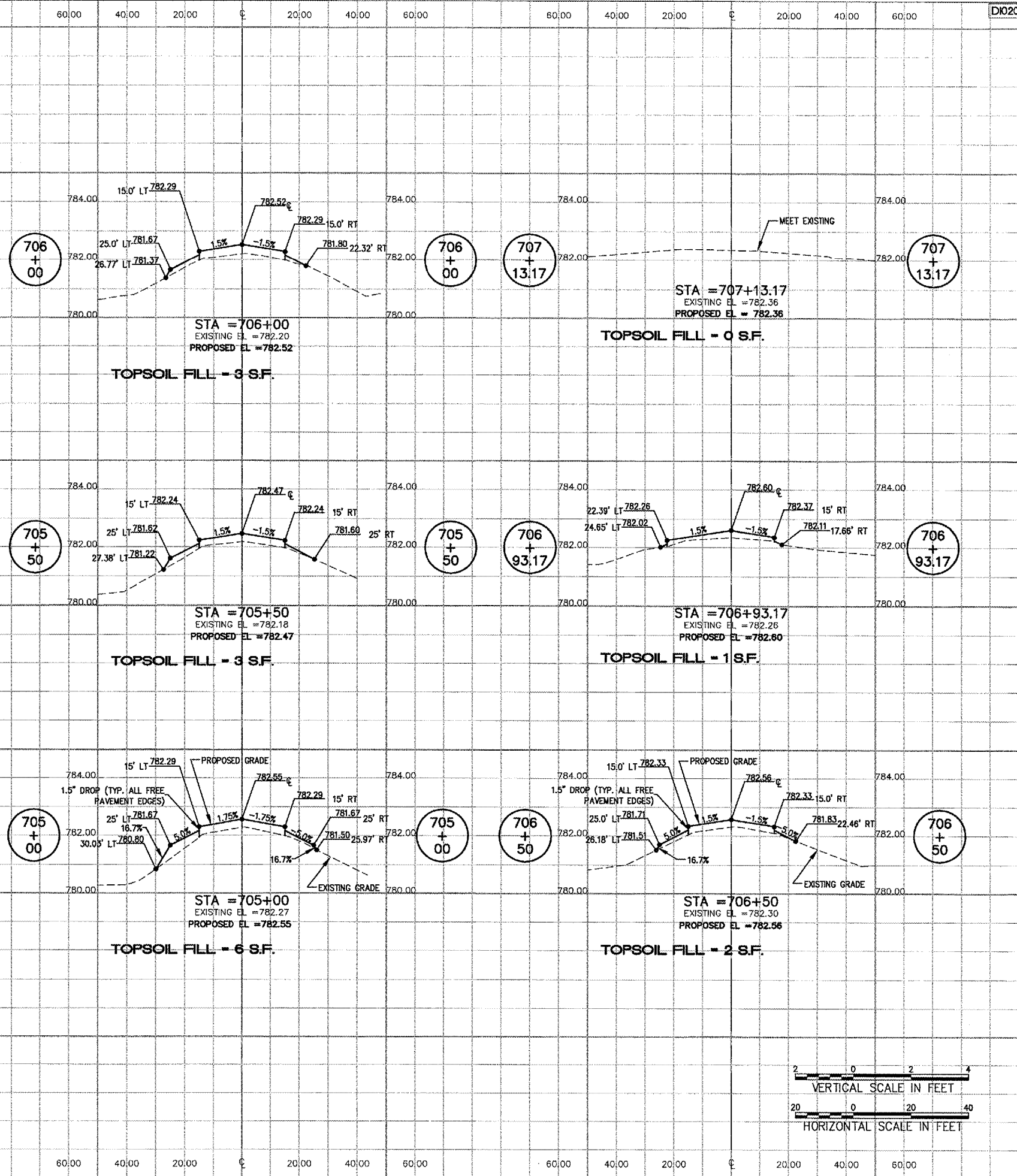
OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

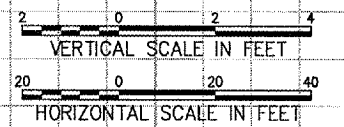
No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005  
Sheet Title: CROSS SECTIONS TAXIWAY B STA 705+00 TO STA 707+13.17

843-04B8007  
Project Number: 843-04B8007  
KLK 02/03/05  
Layout By: KLK, TMM 02/03/05  
Designed By: RMH 03/11/05  
Reviewed By: KLK | DSY |  
Drawn By: [Blank] Sheet No. 40



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Oak Brook, Illinois 60523  
Telephone: 630.990.3800  
Fax: 630.990.3801



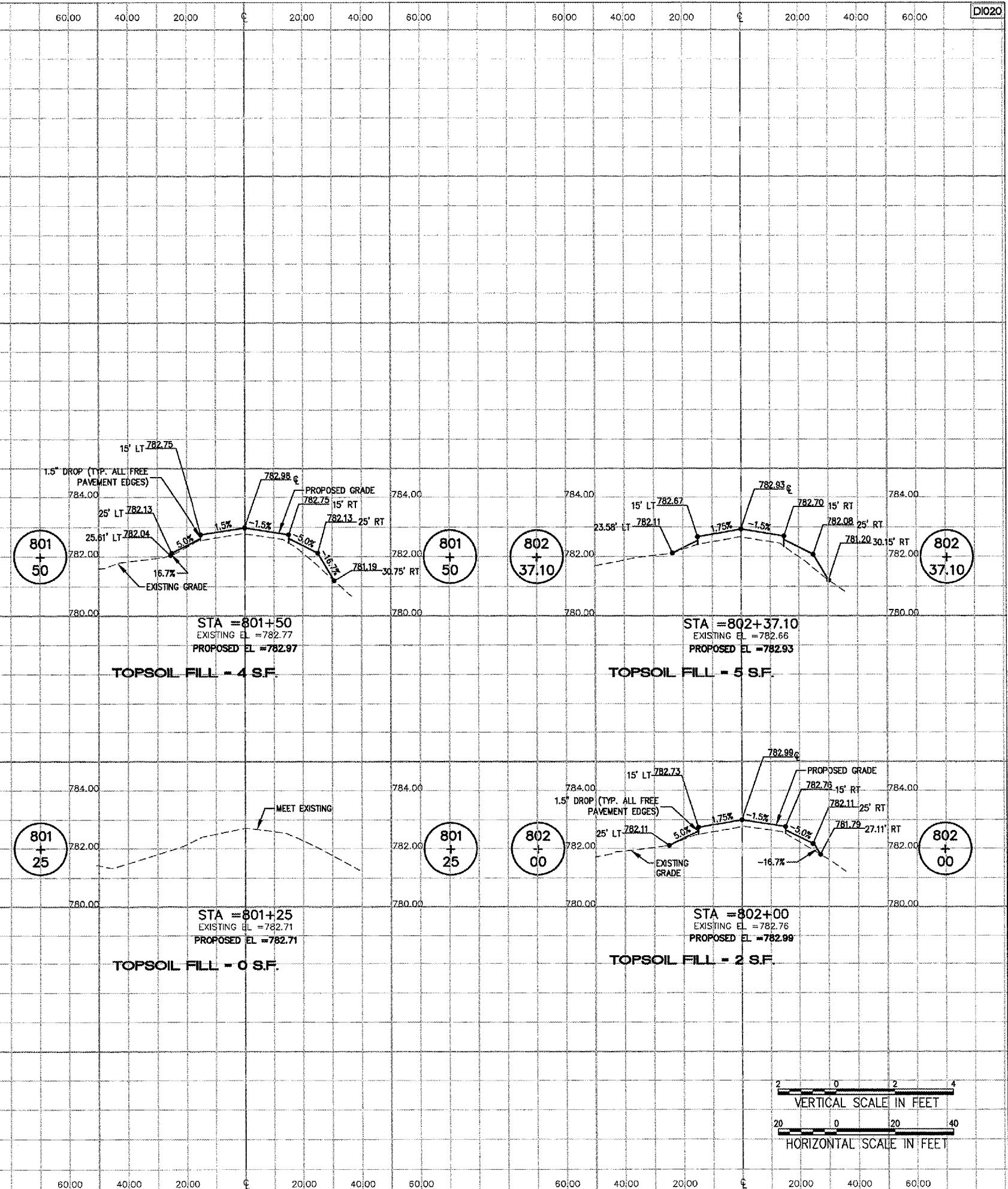
CITY OF DIXON, ILLINOIS

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Dixon, Illinois 61021  
Telephone: 815.268.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

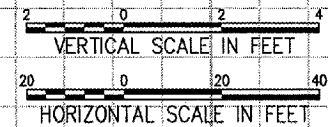
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



No.	Drawing Issue Description	Date	By

Date: 11 MARCH 2005  
 Sheet Title: CROSS SECTIONS TAXIWAY E ENTRANCE STA 801+25 TO STA 802+37.10

843-0488007  
 Project Number: 843-0488007  
 Layout By: KLK, TMM  
 Date: 02/03/05  
 Designed By: RMH  
 Date: 03/11/05  
 Reviewed By: KLK, DSY  
 Date: ---



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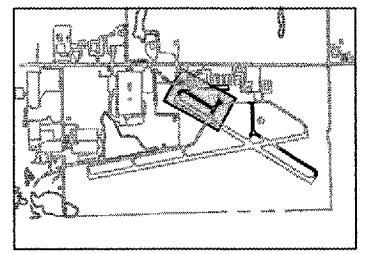


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DIXON MUNICIPAL AIRPORT  
 CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
 REHABILITATE FRONTAGE APRON  
 PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
 IDA PROJECT NO. C73-3436



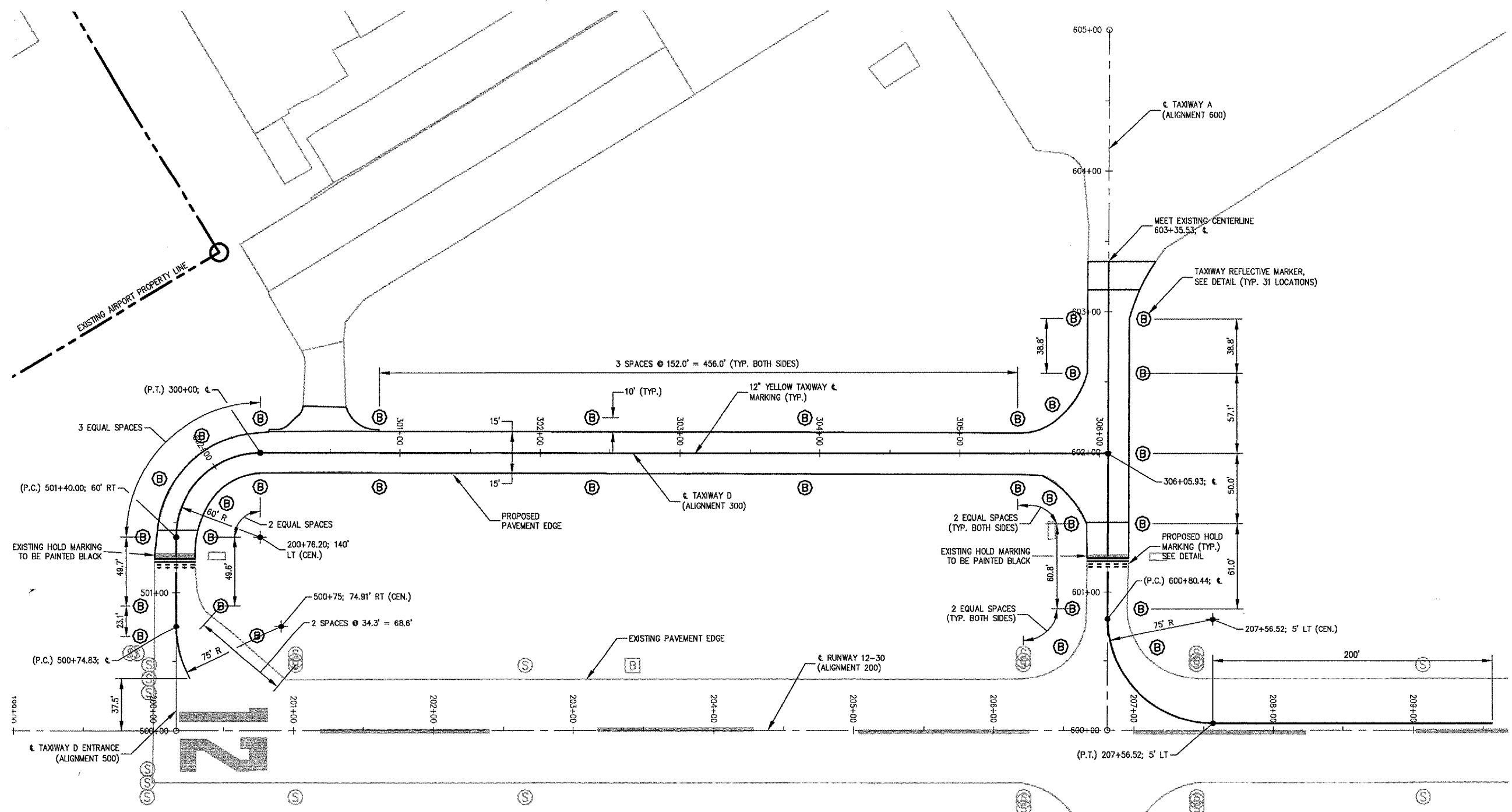
KEY PLAN

No.	Drawing Issue Description	Date	By

Date  
 11 MARCH 2005

Sheet Title  
**PAVEMENT MARKING AND REFLECTIVE MARKER PLAN TAXIWAYS A, D, D ENTRANCE AND RUNWAY 12-30**

843-0488007  
 Project Number  
 KLK 02/03/05  
 Layout By Date  
 KLK, TMM 02/03/05  
 Designed By Date  
 RMH 03/11/05  
 Reviewed By Date  
 KLK  
 Drawn By Date  
 Sheet No.



- NOTES**
- REFLECTIVE MARKERS AT CURVES TO BE LOCATED AT P.C.'S, P.T.'S AND EQUALLY SPACED BETWEEN THE RESPECTIVE P.C. AND P.T.
  - ALL PERMANENT MARKINGS TO BE YELLOW, EPOXY PAINT. (DOES NOT INCLUDE BLACK BORDER.)
  - ALL PERMANENT MARKINGS TO INCLUDE REFLECTIVE GLASS SPHERES.
  - HOLD MARKINGS TO HAVE A BLACK BORDER, SEE DETAIL. BLACK PAINT TO BE WATERBORNE PER SPECIAL PROVISIONS.
  - DESIGNATED EXISTING HOLD MARKINGS (3 TOTAL) TO BE PAINTED BLACK. BLACK PAINT TO BE WATERBORNE PER SPECIAL PROVISIONS.

- LEGEND**
- EXISTING STAKE MOUNTED LIGHT
  - EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN
  - PROPOSED TAXIWAY REFLECTIVE MARKER
  - PROPOSED 1' YELLOW MARKINGS (EPOXY)



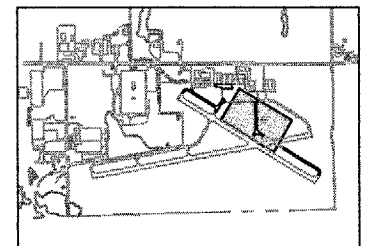
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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



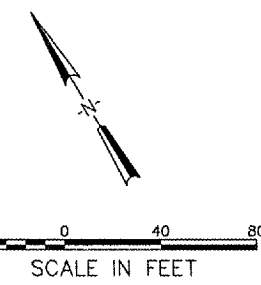
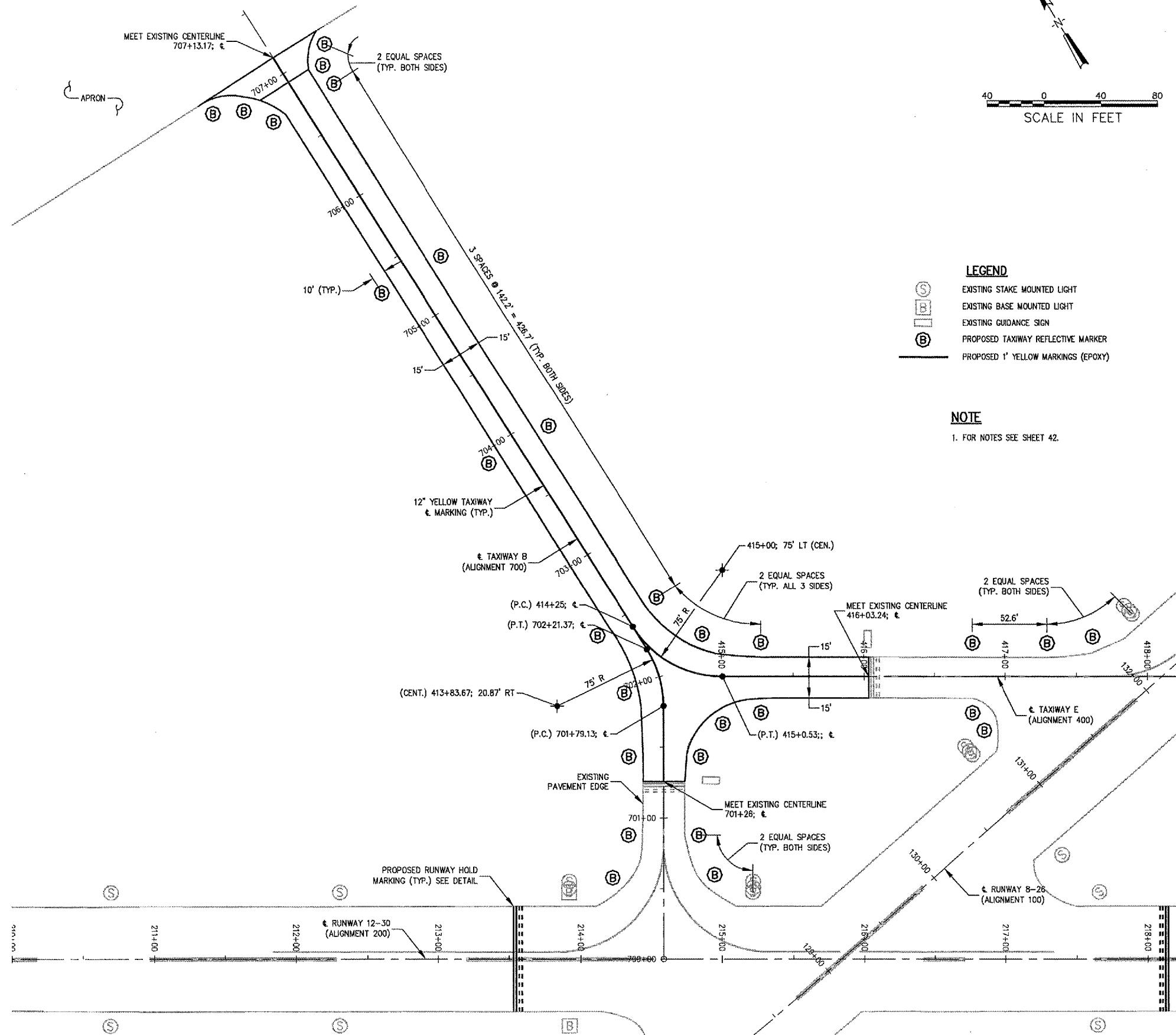
KEY PLAN

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

**PAVEMENT MARKING AND  
REFLECTIVE MARKER PLAN  
TAXIWAYS B AND E**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK,TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK  
Drawn By Sheet No.

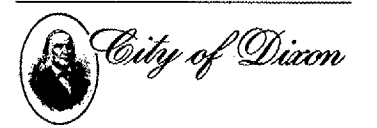


- LEGEND**
- (S) EXISTING STAKE MOUNTED LIGHT
  - (B) EXISTING BASE MOUNTED LIGHT
  - EXISTING GUIDANCE SIGN
  - (B) PROPOSED TAXIWAY REFLECTIVE MARKER
  - PROPOSED 1' YELLOW MARKINGS (EPOXY)

**NOTE**  
1. FOR NOTES SEE SHEET 42.

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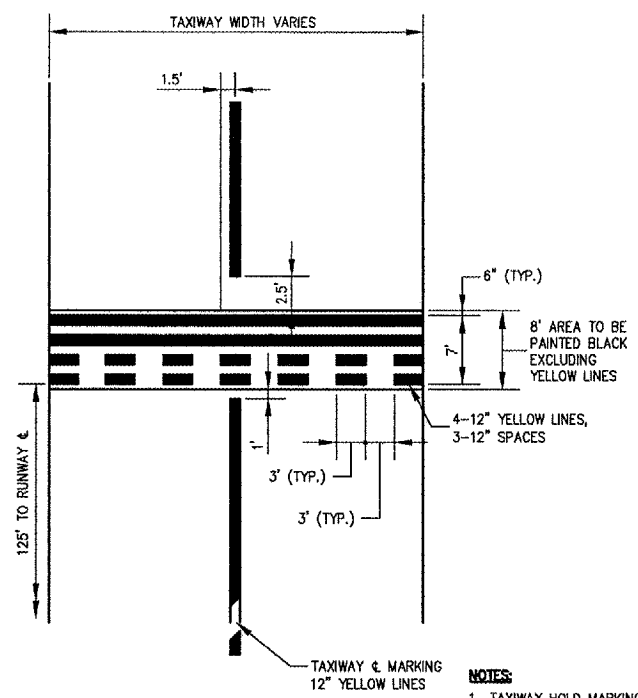
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Telephone: 815.288.1485

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CHARLES R. WALGREEN FIELD

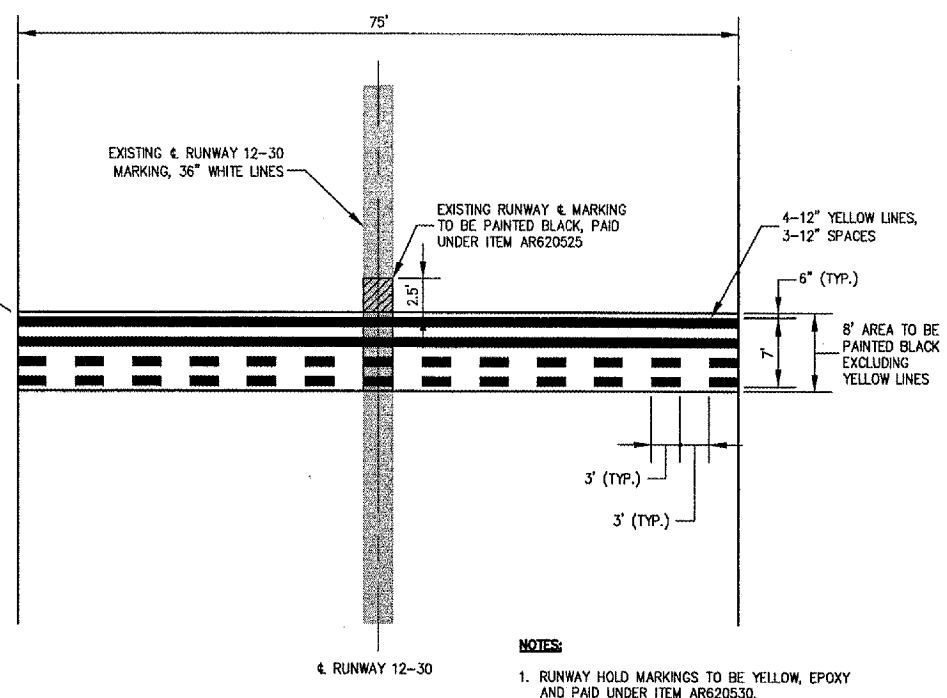
OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



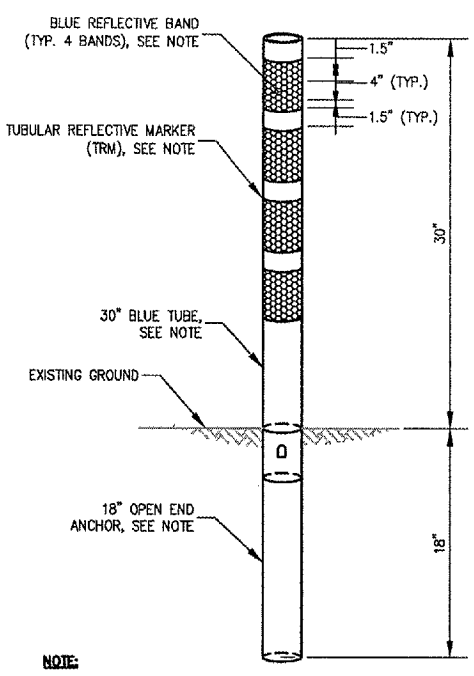
TAXIWAY HOLD MARKING

- NOTES:**
- TAXIWAY HOLD MARKINGS TO BE YELLOW, EPOXY AND PAID UNDER ITEM AR620530.
  - TAXIWAY HOLD MARKINGS TO HAVE BLACK BORDER AND PAID UNDER ITEM AR620525.



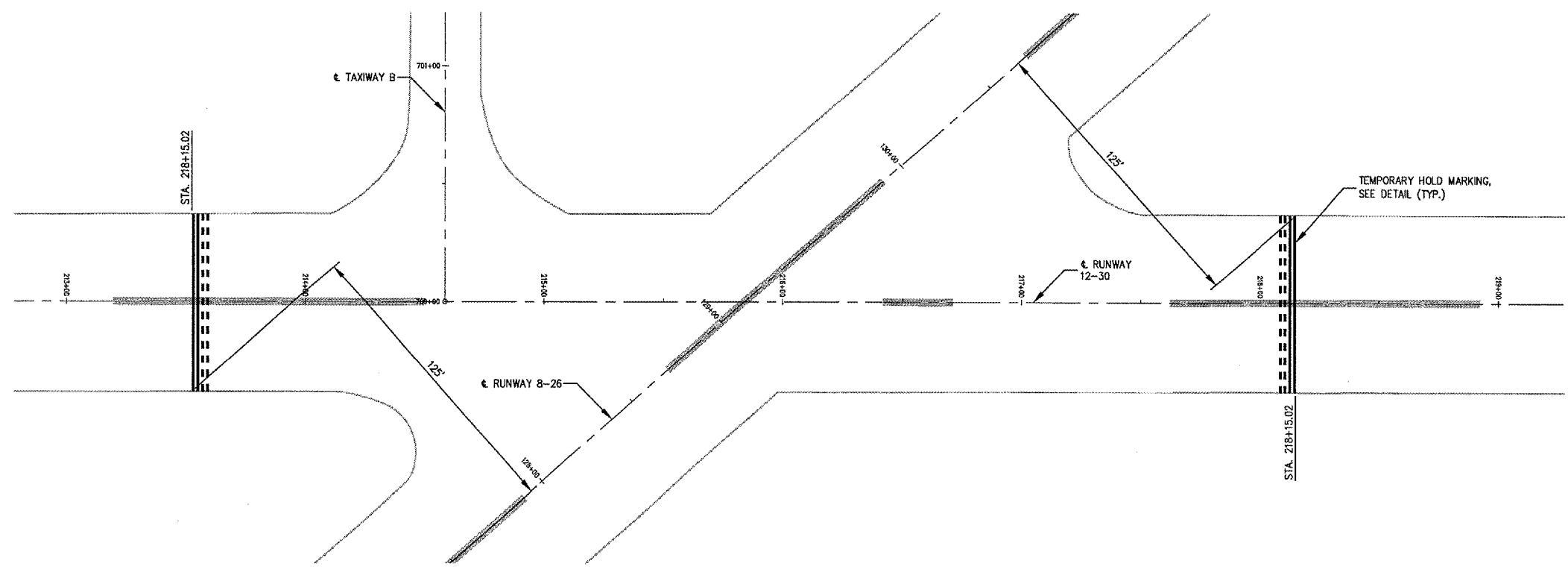
RUNWAY HOLD MARKING

- NOTES:**
- RUNWAY HOLD MARKINGS TO BE YELLOW, EPOXY AND PAID UNDER ITEM AR620530.
  - RUNWAY HOLD MARKINGS TO HAVE BLACK BORDER AND PAID UNDER ITEM AR620525.



TAXIWAY REFLECTIVE MARKER (TRM)

- NOTE:**
- TUBULAR REFLECTIVE MARKER (TRM) TO BE CROUSE-HINDS (PART NO. 85350-30-48) OR EQUAL.
  - TUBULAR REFLECTIVE MARKER TO BE INSTALLED PER MANUFACTURER'S INSTRUCTION.



RUNWAY HOLD MARKING PLAN

No.	Drawing Issue	Description	Date	By

Date  
11 MARCH 2005

Sheet Title  
**RUNWAY HOLD MARKING,  
PAVEMENT MARKING  
DETAILS AND REFLECTIVE  
MARKER DETAIL**

843-0488007	Project Number
KLK	02/03/05
KLK, TMM	02/03/05
RMH	03/11/05
KLK	---

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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

# SUMMARY OF QUANTITIES - SECTION 2

## REHABILITATE FRONTAGE APRON PAVEMENT

Item			Quantity	
Number	Description	Unit	As Bid	Record Paid
AR152410	Unclassified Excavation	Cubic Yard	2,090.0	
AR156510	Silt Fence	Linear Foot	64.0	
AR156513	Separation Fabric	Square Yard	1,756.0	
AR201610	Bituminous Base Course	Ton	168.0	
AR209608	Crushed Agg. Base Course - 8"	Square Yard	1,756.0	
AR401610	Bituminous Surface Course	Ton	190.0	
AR401650	Bituminous Pavement Milling	Square Yard	329.0	
AR401665	Bituminous Pavement Sawing	Linear Foot	869.0	
AR401900	Remove Bituminous Pavement	Square Yard	1,855.0	
AR602510	Bituminous Prime Coat	Gallon	583.0	
AR603510	Bituminous Tack Coat	Gallon	328.0	
AR701418	18" RCP, Class III	Linear Foot	101.0	
AR701430	30" RCP, Class III	Linear Foot	92.5	
AR701512	12" RCP, Class IV	Linear Foot	112.0	
AR701515	15" RCP, Class IV	Linear Foot	275.0	
AR705412	Porous Backfill No. 2	Cubic Yard	26.0	
AR705504	4' Perforated Underdrain	Linear Foot	491.5	
AR705640	Underdrain Cleanout	Each	10	
AR751540	Manhole 4'	Each	10	
AR751550	Manhole 5'	Each	20	
AR751560	Manhole 6'	Each	10	
AR800961	Granular Drainage Subbase - 12"	Square Yard	1,756.0	
AR800962	RAP Subbase - From On-site	Cubic Yard	14.0	
AR800963	RAP Subbase - From Off-site	Cubic Yard	818.0	
AR901510	Seeding	Acre	0.3	
AR905520	Topsolling (From Off Site)	Cubic Yard	75.0	
AR908510	Mulching	Acre	0.3	

NOTE:  
QUANTITIES ON THIS SHEET REPRESENT THE REHABILITATE FRONTAGE APRON PAVEMENT QUANTITIES ONLY.

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

### SUMMARY OF QUANTITIES - SECTION 2

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK --- | ---  
Drawn By Sheet No.

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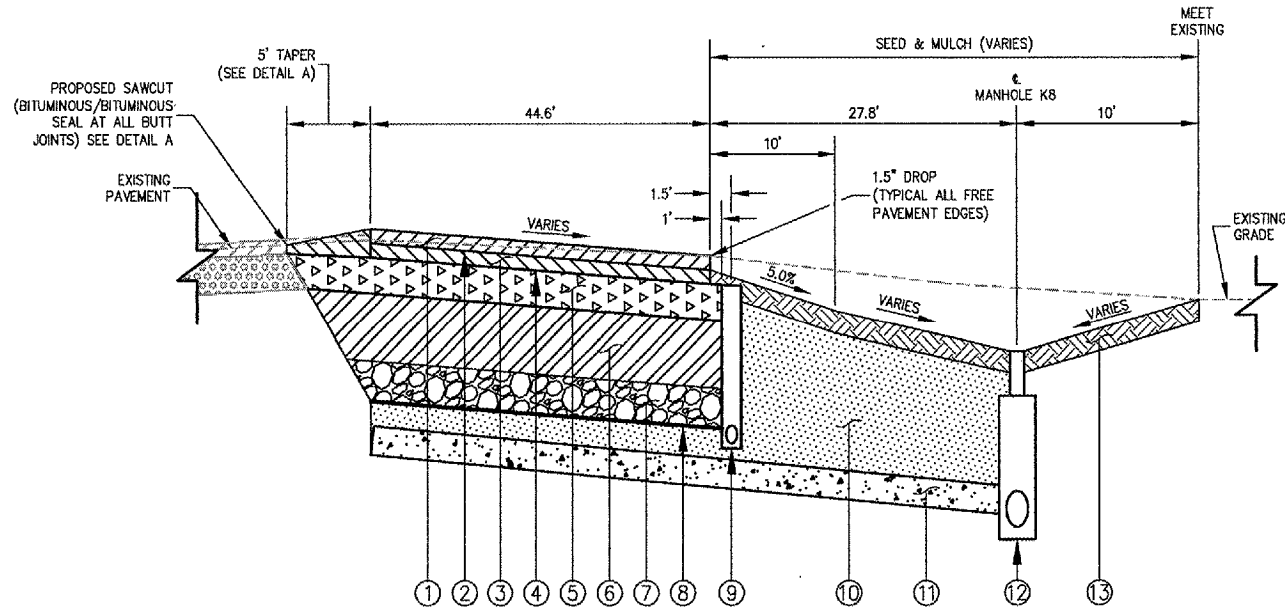
CITY OF DIXON, ILLINOIS

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Dixon, Illinois 61021  
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DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

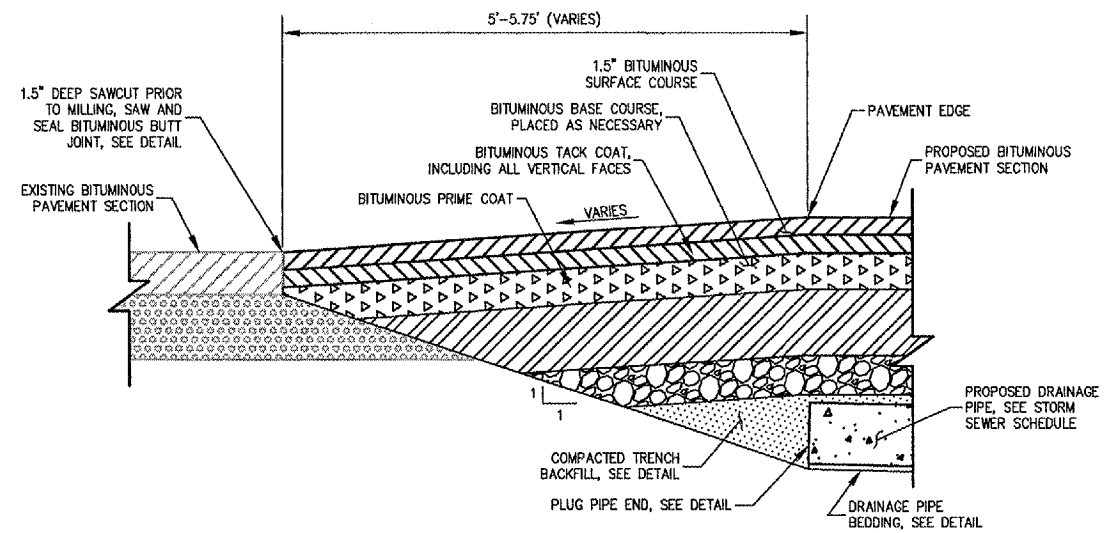
AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436



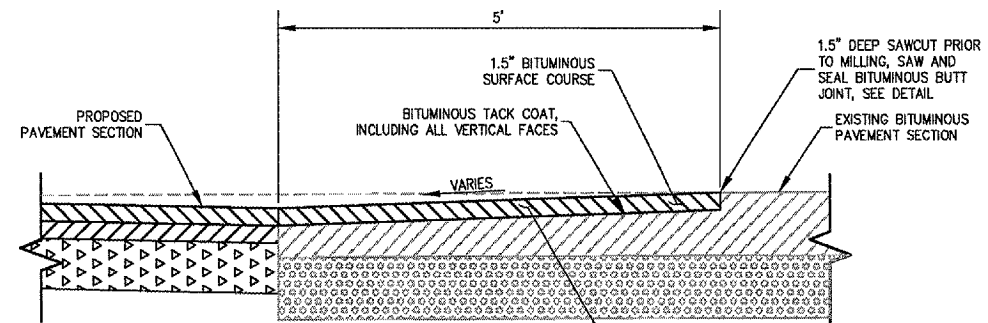
- NOTES:**
1. FOR SECTION LOCATION, SEE PLAN SHEET.
  2. SECTIONS FROM STA. 900+38.40 TO STA. 901+61.35 ARE SIMILAR TO SECTION A-A. FOR VARYING CONDITIONS, SEE STAKING PLAN.

**SECTION A-A**  
(SECTION SHOWN LOOKING EAST)

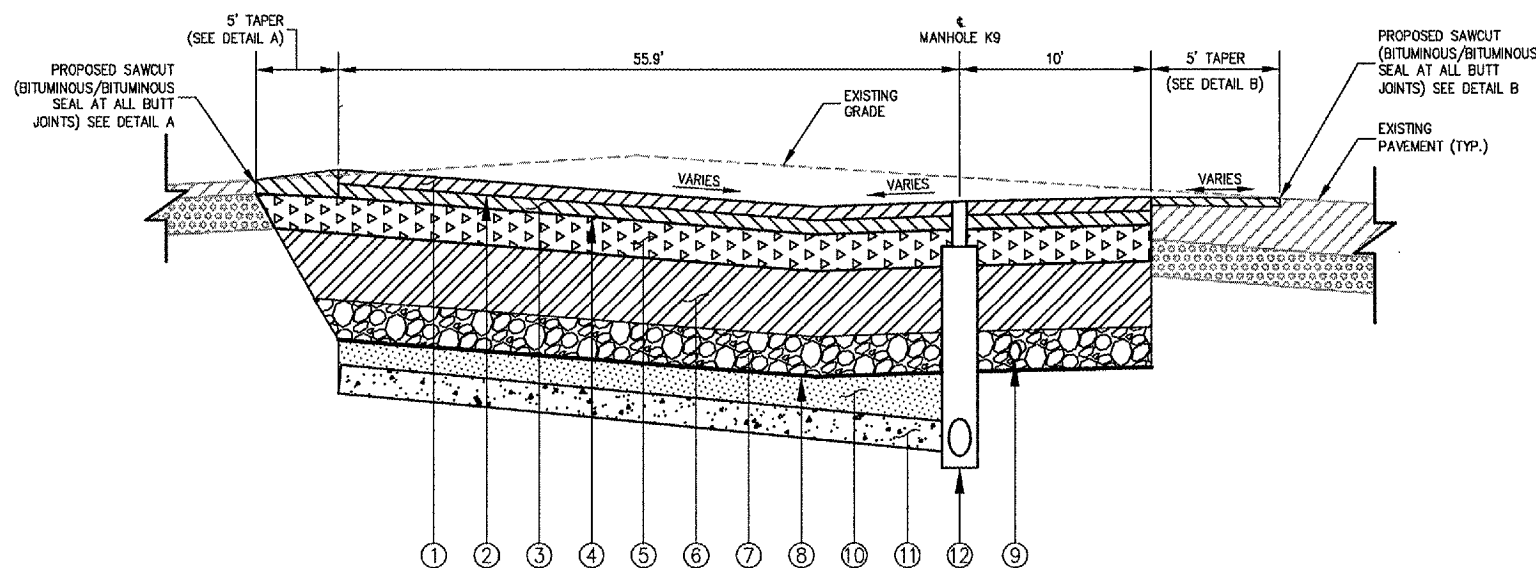
- |   |   |
|---|---|
| 1 PROPOSED 1.5 INCH BITUMINOUS SURFACE COURSE, ITEM AR401610.   | 7 PROPOSED 12 INCH DRAINAGE LAYER, ITEM ARB00961.   |
| 2 PROPOSED BITUMINOUS TACK COAT, ITEM AR603510.                 | 8 PROPOSED SEPARATION FABRIC, ITEM AR156513.  |
| 3 PROPOSED 1.5 INCH BITUMINOUS BASE COURSE, ITEM AR201610.      | 9 PROPOSED UNDERDRAIN, ITEM AR705524.   |
| 4 PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510.                | 10 PROPOSED COMPACTED TRENCH BACKFILL, SEE DETAIL.  |
| 5 PROPOSED 8 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209608. | 11 PROPOSED DRAINAGE PIPE, ITEM AR701.  |
| 6 PROPOSED 19 INCH PAVEMENT MILLINGS, ITEM ARB00963.            | 12 PROPOSED DRAINAGE MANHOLE, ITEM AR751.   |
|   | 13 PROPOSED 4 INCH TOPSOIL, ITEM AR905520. SEEDING AND MULCHING AREAS, ITEMS AR901510 AND AR908520. |



**BITUMINOUS TAPER DETAIL A**

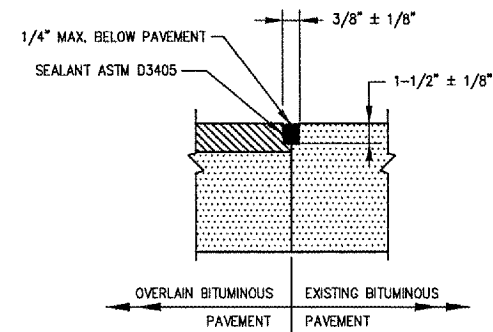


**BITUMINOUS TAPER DETAIL B**



- NOTES:**
1. FOR SECTION LOCATION, SEE PLAN SHEET.
  2. SECTIONS FROM STA. 901+61.35 TO STA. 903+16.93 ARE SIMILAR TO SECTION B-B. FOR VARYING CONDITIONS, SEE STAKING PLAN.

**SECTION B-B**  
(SECTION SHOWN LOOKING EAST)



**BITUMINOUS/BITUMINOUS SEAL**

No.	Drawing Issue	Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

**TYPICAL SECTIONS AND  
PAVEMENT DETAILS**

843-04BB007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK,TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK  
Drawn By Sheet No.



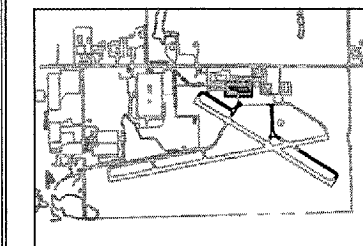
CITY OF DIXON, ILLINOIS

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Dixon, Illinois 61021  
Telephone: 815.288.1485

DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3496



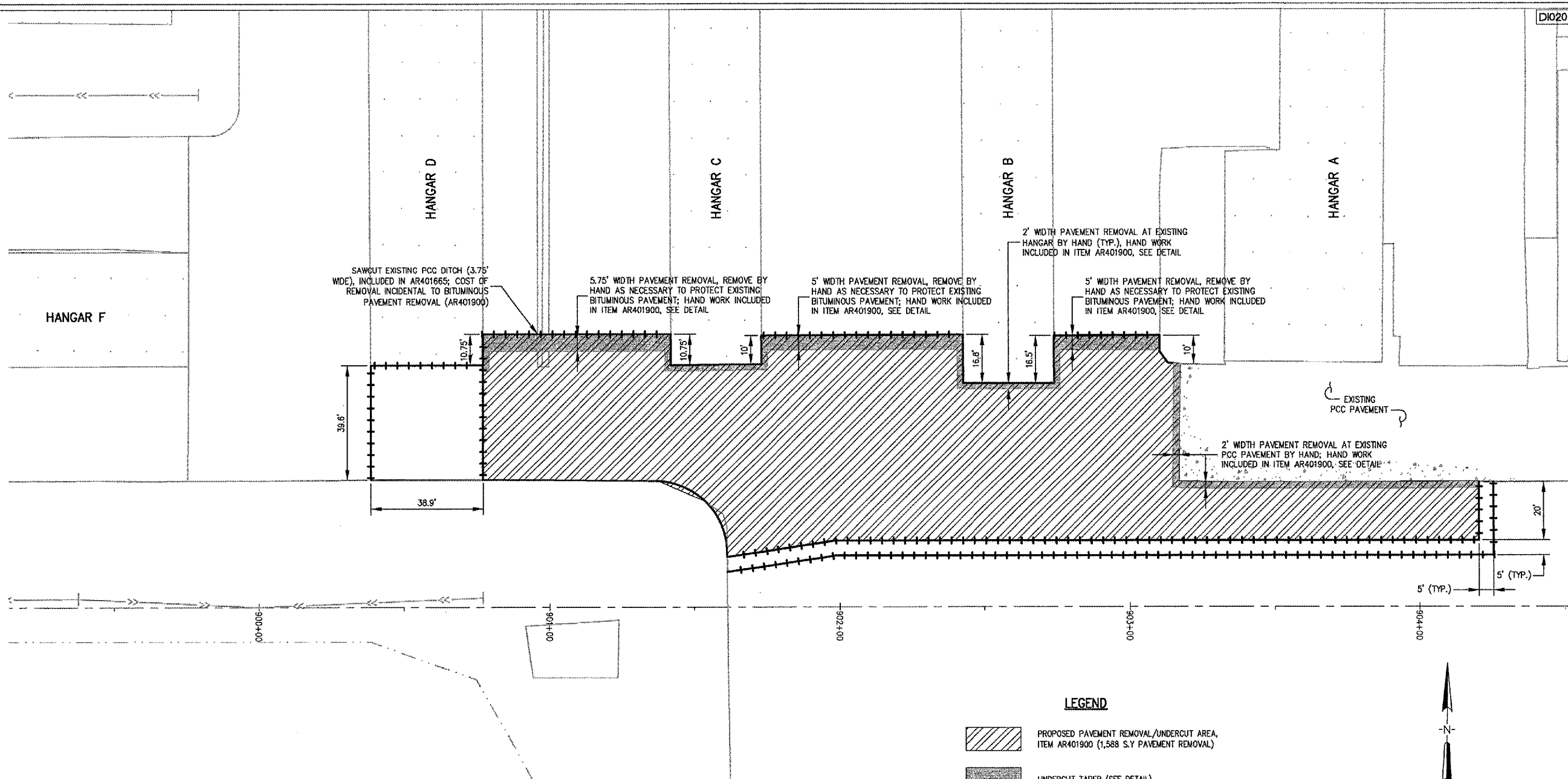
KEY PLAN

No.	Drawing Issue Description	Date	By

Date  
11 MARCH 2005

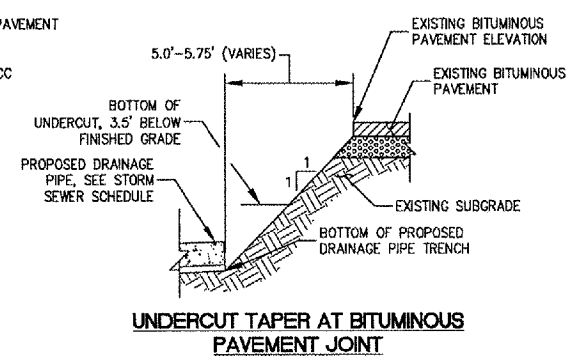
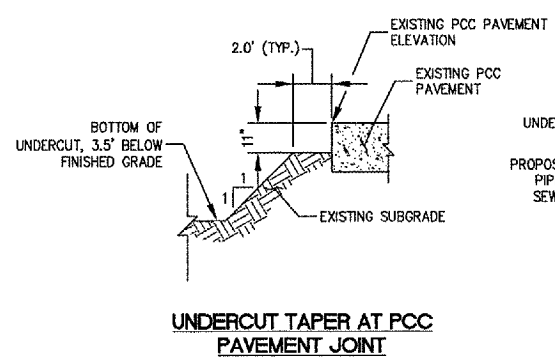
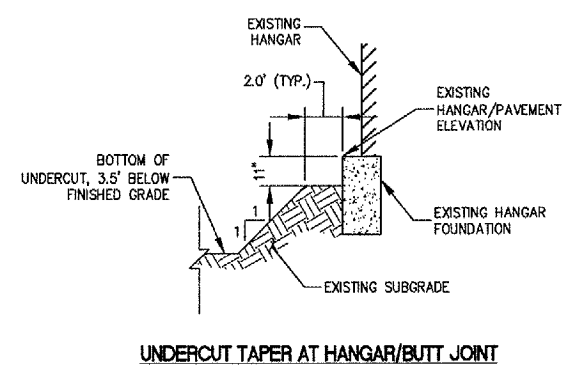
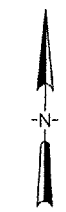
Sheet Title  
**APRON FRONTAGE  
SAWCUTTING, PAVEMENT  
REMOVAL AND  
UNDERCUT PLAN**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK, DSY  
Drawn By Sheet No.



**LEGEND**

- PROPOSED PAVEMENT REMOVAL/UNDERCUT AREA, ITEM AR401900 (1,588 S.Y PAVEMENT REMOVAL)
- UNDERCUT TAPER (SEE DETAIL)
- PROPOSED SAWCUT, ITEM AR401665 (869 L.F.)

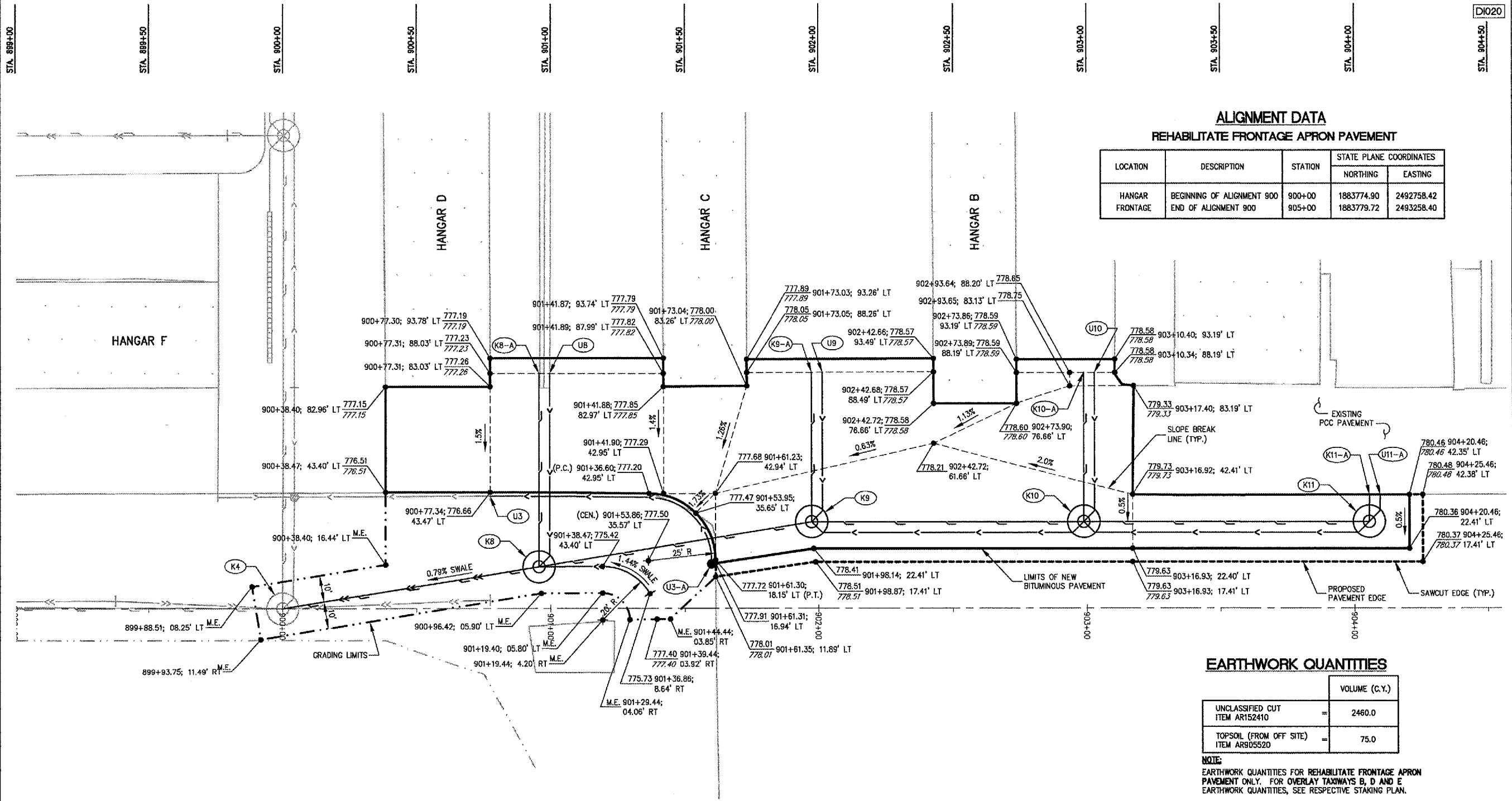


**NOTES**

1. MILLINGS MUST BE CLEANED OF ANY LARGE CHUNKS AND DEBRIS PRIOR TO REUSE IN PROPOSED PAVEMENT SECTION, SEE SPECIAL PROVISIONS.
2. CONTRACTOR IS TO HAND-REMOVE PAVEMENT AT HANGARS AND AT EXISTING P.C.C. AND BITUMINOUS PAVEMENT JOINTS TO PROTECT HANGARS, FOUNDATIONS AND PAVEMENTS FROM DAMAGE.
3. ALL AREAS OF PROPOSED PAVEMENT REMOVAL TO BE UNDERCUT TO A DEPTH OF 3.5' BELOW FINISHED PAVEMENT ELEVATION, PER TYPICAL SECTION. UNDERCUT PAID UNDER ITEM AR152410.
4. TRAFFIC ON UNDERCUT AREA TO BE MINIMIZED TO PREVENT RUTTING OF THE SUBGRADE. IF RUTTING OCCURS IT IS TO BE REPAIRED PRIOR TO PLACEMENT OF THE SEPARATION FABRIC. COST OF REPAIRS INCIDENTAL TO UNCLASSIFIED EXCAVATION.
5. EXISTING SUBGRADE IS **NOT** TO BE PROOFROLLED.
6. CONTRACTOR TO PROTECT ADJACENT EXISTING BITUMINOUS PAVEMENT NOT BEING REMOVED.

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**ALIGNMENT DATA**  
**REHABILITATE FRONTAGE APRON PAVEMENT**

LOCATION	DESCRIPTION	STATION	STATE PLANE COORDINATES	
			NORTHING	EASTING
HANGAR FRONTAGE	BEGINNING OF ALIGNMENT 900	900+00	1883774.90	2492758.42
	END OF ALIGNMENT 900	905+00	1883779.72	2493258.40

**EARTHWORK QUANTITIES**

	VOLUME (C.Y.)
UNCLASSIFIED CUT ITEM AR152410	= 2460.0
TOPSOIL (FROM OFF SITE) ITEM AR9D5520	= 75.0

**NOTE:**  
EARTHWORK QUANTITIES FOR REHABILITATE FRONTAGE APRON PAVEMENT ONLY. FOR OVERLAY TAXWAYS B, D AND E EARTHWORK QUANTITIES, SEE RESPECTIVE STAKING PLAN.



815 Commerce Drive Suite 200  
Oak Brook, Illinois 60523  
Telephone: 630.990.3800  
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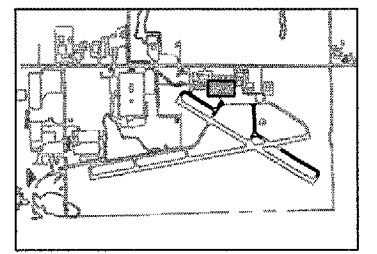


**CITY OF DIXON, ILLINOIS**  
Post Office Box 386  
Dixon, Illinois 61021  
Telephone: 815.288.1485

**DIXON MUNICIPAL AIRPORT**  
**CHARLES R. WALGREEN FIELD**

**OVERLAY TAXWAYS B, D AND E**  
**REHABILITATE FRONTAGE APRON PAVEMENT**

**AIP PROJECT NO. 3-17-0036-B7**  
**IDA PROJECT NO. C73-3436**



**KEY PLAN**

No.	Drawing Issue Description	Date	By

Date  
**11 MARCH 2005**

Sheet Title  
**STAKING PLAN - FRONTAGE APRON**

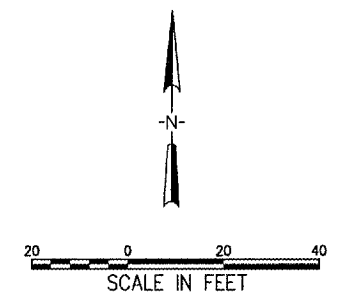
843-04B8007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK | DSY | ---  
Drawn By Sheet No.

**LEGEND**

- EXISTING CROP LINE
- EXISTING STORM SEWER
- EXISTING SWALE
- EXISTING UNDERDRAIN
- EXISTING FENCE
- EXISTING TRENCH DRAIN
- EXISTING STORM SEWER MANHOLE
- EXISTING UNDERDRAIN CLEANOUT
- PROP. EL. STATION; OFFSET
- PROPOSED GRADING LIMITS
- PROPOSED SWALE
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED STORM SEWER MANHOLE
- PROPOSED UNDERDRAIN CLEANOUT

**NOTES:**

1. ALIGNMENT IS BASED ON STATE PLANE COORDINATES (ILLINOIS-WEST). SEE ALIGNMENT DATA TABLE, THIS SHEET.
2. FOR ADDITIONAL GRADING INFORMATION, SEE PLAN SHEET.
3. FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.
4. CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
5. PROPOSED GRADES FOR PAVEMENT ADJACENT TO EXISTING PAVEMENT ARE SHOWN FOR INFORMATION. LOCATIONS WHERE EXISTING GRADES ARE SHOWN AS "M.E." ON THE PLANS SHALL MATCH EXISTING GRADES. IF A CONFLICT ARISES BETWEEN THE PLAN AND THE INSITU CONDITIONS, THE RESIDENT ENGINEER IS TO BE NOTIFIED AND WILL ADJUST ANY GRADES AS NECESSARY.
6. CONTRACTOR WILL BE PROVIDED WITH CONTROL POINTS AND BASELINES IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
7. EXCESS UNCLASSIFIED EXCAVATION IS TO BE DISPOSED OF AT AN OFFSITE LOCATION. COST INCIDENTAL TO ITEM AR152410.
8. FOR SEEDING INFORMATION, SEE LANDSCAPING PLAN.
9. FOR TAXIWAY OVERLAY STAKING INFORMATION, SEE SHEETS 24-33.



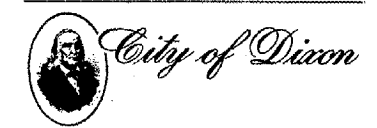
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**STORM SEWER SCHEDULE**



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**DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD**

**OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT**

**AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436**

**DRAINAGE STRUCTURE DATA**

STRUCTURE NUMBER	STRUCTURE TYPE	INSIDE DIA. 'D' (IN)	WALL THICKNESS 'T' (IN)	TOP THICKNESS '1' (IN)	BOTTOM THICKNESS 'B' (IN)	FRAME HEIGHT 'X' (IN)	HOLE OPENING 'L' (IN)	FRAME TYPE (EAST JORDAN)	COVER/GRATE (EAST JORDAN)
K8	MH	72	6	8	8	8.5	36	1585	TYPE M
K9	MH	60	5	8	8	9	24	1050	TYPE A "STORM"
K10	MH	60	5	8	8	9	24	1050	TYPE A "STORM"
K11	MH	48	5	6	6	9	24	1050	TYPE A "STORM"

**NOTES**

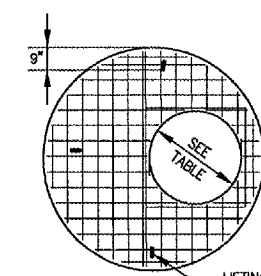
- FOR STRUCTURE LOCATIONS SEE STORM SEWER SCHEDULE.
- FRAME AND GRATE, ADJUSTING RINGS OR RISER SHALL BE MORTARED.
- ALL MANHOLE STRUCTURES TO BE PRECAST.

STRUCTURE DATA							PIPE DATA		
STRUCTURE	STATION	OFFSET (FT.)	TYPE	DIAMETER (IN)	RIM ELEV.	INVERT ELEV.	PAY LENGTH (FT.)	SIZE	SLOPE (%)
K4	900+00	0.00	LT Existing Manhole	84	774.31	E 769.08	92.5	30	0.75
K8	900+95.59	15.69	LT Manhole	72	775.08	W 769.78 N 771.13 E 770.78	101.0	18	0.75
K9	901+97.40	32.41	LT Manhole	60	778.22	W 771.54 N 771.79 E 771.79	99.0	15	0.66
K10	902+98.79	32.41	LT Manhole	60	779.28	W 772.45 N 772.65 E 772.65	104.0	12	0.75
K11	904+05.46	32.41	LT Manhole	48	780.28	W 773.43 N 773.63	8.0	12	0.75
K8	900+95.59	15.69	LT Existing Manhole	84	775.08	N 771.13	69.0	15	0.75
K8-A	900+95.59	88.02	LT RCP	---	---	S 771.65			
K9	901+97.40	32.41	LT Manhole	60	778.22	N 771.79	53.5	15	0.50
K9-A	901+97.40	88.34	LT RCP	---	---	S 772.06			
K10	902+98.79	32.41	LT Existing Manhole	60	779.28	N 772.65	53.5	15	0.74
K10-A	902+98.79	88.19	LT RCP	---	---	S 773.05			
K11	904+05.46	32.41	LT Manhole	60	780.28	N 773.63			
K11-A	904+05.56	42.31	LT RCP	---	---	S 773.69			

**NOTE:**  
STRUCTURES K8-A, K9-A, K10-A AND K11-A ARE TEMPORARY PIPE ENDS TO BE PLUGGED, SEE DETAIL THIS SHEET. COST IS INCIDENTAL TO PIPE.

**NOTES:**

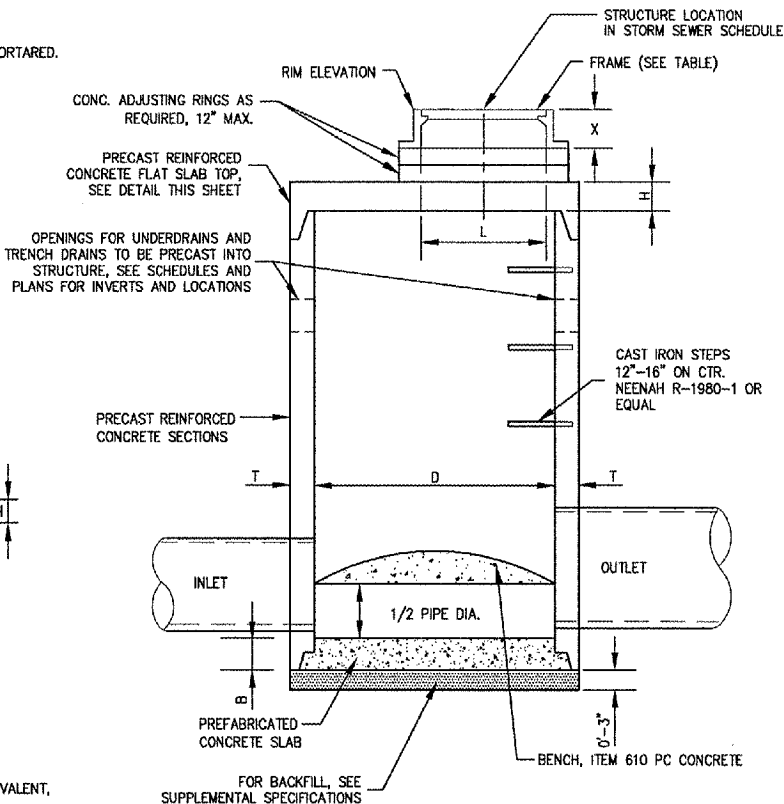
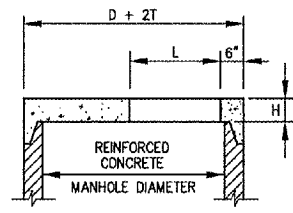
- SEE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS FOR PIPE MATERIAL SPECIFICATIONS.
- SEE DETAILS AND SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS FOR TRENCH BACKFILL AND COMPACTION REQUIREMENTS.
- STATIONS AND OFFSETS ARE GIVEN TO THE CENTER OF MANHOLES.
- ADJUSTING RINGS: 12" MAXIMUM, NO MORE THAN 3 RINGS ALLOWED.
- SEE DETAILS FOR ADDITIONAL STRUCTURE INFORMATION.
- REFER TO DRAINAGE STRUCTURE DATA TABLE FOR FRAME AND LD INFORMATION.



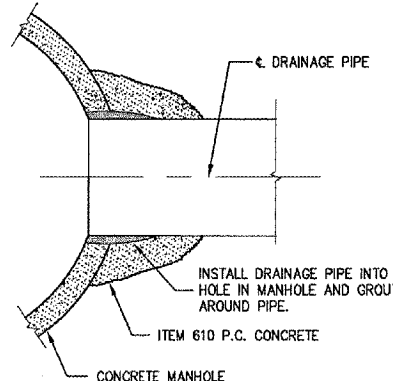
**NOTES**

- ADDITIONAL TOP AND BOTTOM BARS PLACED ADJACENT TO ACCESS HOLE.
- MINIMUM 1" COVER ON STEEL BARS.
- THREE LIFTING LOOPS OR HOLES.
- MINIMUM STEEL REINFORCEMENT IN EACH DIRECTION TO BE WWF 1.06 SQ. IN./FT OR EQUIVALENT, IN ACCORDANCE WITH AASHTO M 199 AND IDOT STANDARDS.

**PRECAST REINFORCED CONCRETE FLAT SLAB TOP**  
(IDOT STANDARD 602601)



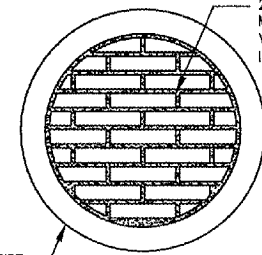
**MANHOLE WITH FLAT SLAB TOP**  
(IDOT STANDARDS 602406-MODIFIED)



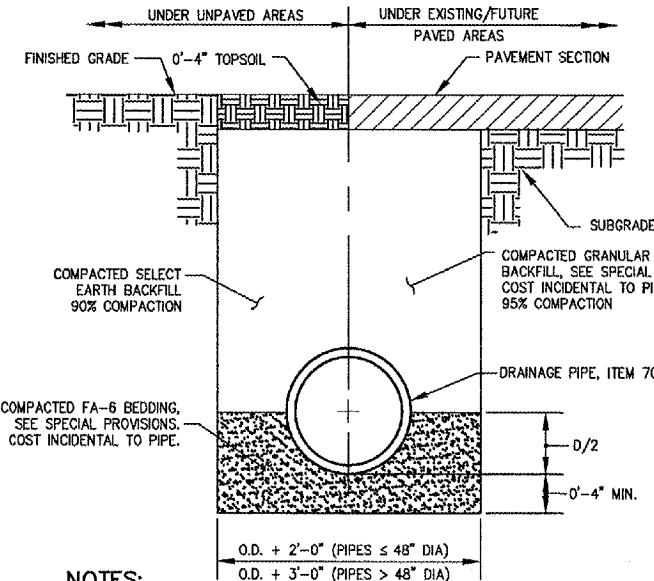
**NOTES:**

- HOLE FOR DRAINAGE PIPE TO BE PRECAST INTO MANHOLES AT PROPER INVERT.
- HOLE AT EXISTING MANHOLE K4 TO BE CORED. COST OF CORING IS INCIDENTAL.

**DRAINAGE PIPE CONCRETE COLLAR AND GROUT CONNECTION**



**PIPE PLUG**



**NOTES:**

- UNSATURABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND REPLACED.
- WITHIN 3 FEET OF EXISTING AND FUTURE PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.

**PIPE TRENCH**

**DETAILS SHOWN ARE NOT TO SCALE**

No.	Drawing Issue	Description	Date	By

Date: 11 MARCH 2005  
Sheet Title: STORM SEWER SCHEDULE AND DETAILS

**STORM SEWER SCHEDULE AND DETAILS**

843-0488007  
Project Number  
KLK 02/03/05  
Layout By Date  
KLK, TMM 02/03/05  
Designed By Date  
RMH 03/11/05  
Reviewed By Date  
KLK  
Drawn By  
Sheet No.

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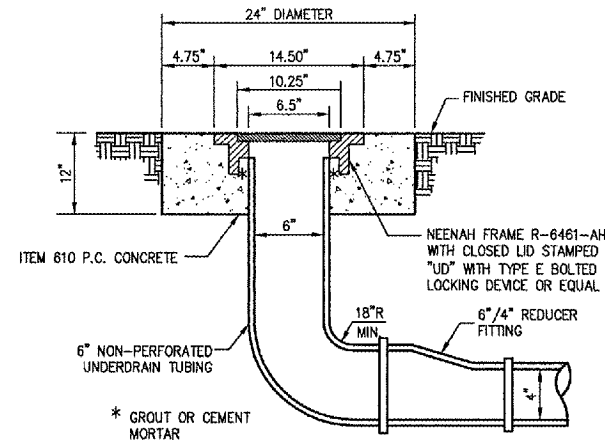
DIXON MUNICIPAL AIRPORT  
CHARLES R. WALGREEN FIELD

OVERLAY TAXIWAYS B, D AND E;  
REHABILITATE FRONTAGE APRON  
PAVEMENT

AIP PROJECT NO. 3-17-0036-B7  
IDA PROJECT NO. C73-3436

**UNDERDRAIN SCHEDULE**

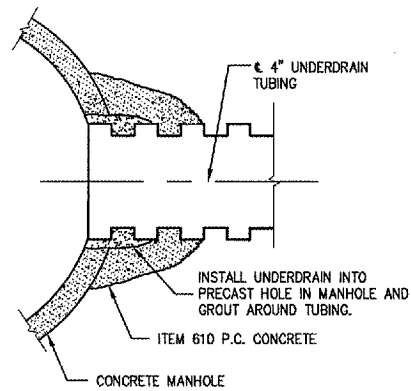
STRUCTURE	STATION	OFFSET (FT)	STRUCTURE DATA			PIPE DATA	
			TYPE	FIN ELEV.	INVERT ELEV.	PAYLENGTH (FT)	SLOPE (%)
U3	900+77.32	41.97	LT	Existing Underdrain	---	E 771.91	
U3-A	901+59.82	16.72	LT	Cleanout	777.71	N 773.37	97.0
K8	900+95.59	15.69	LT	Manhole Connection	775.08	NE 773.08	70.5
U8	900+99.59	88.01	LT	Capped End	---	---	773.93
K9	901+97.40	32.41	LT	Manhole Connection	778.22 (K9 to U9) (K9 to K10)	NE 774.72 SE 774.72	55.0
K10	902+98.79	32.41	LT	Manhole Connection	779.28 (K10 to U10) (K10 to K11)	SW 775.78 NE 775.78 SE 775.78	100.0
K11	904+05.46	32.41	LT	Manhole Connection	780.28 (K11 to U11-A)	SW 776.78 NE 776.78	105.0
U11-A	904+09.56	42.32	LT	Capped End	---	S 776.85	9.0
U9	902+01.40	88.35	LT	Capped End	---	S 774.76	---
U10	903+02.79	88.19	LT	Capped End	---	S 775.35	---



**NOTE:**

FRAME AND LID, CONCRETE, 6\"/>

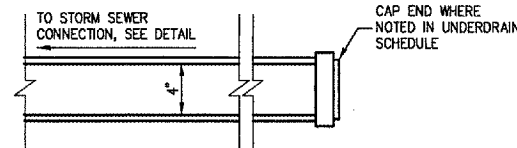
**UNDERDRAIN CLEANOUT**



**NOTE:**

HOLE FOR UNDERDRAIN TO BE PRECAST INTO MANHOLES AT PROPER INVERT.

**UNDERDRAIN CONCRETE COLLAR AND GROUT CONNECTION**



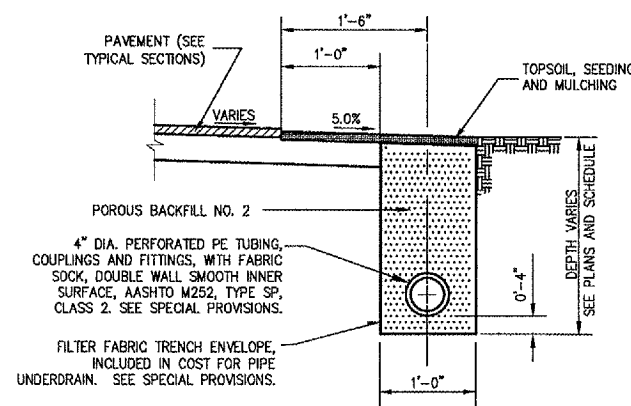
**NOTE:**

CAP MUST BE APPROVED PRIOR TO INSTALLATION, SEE SPECIAL PROVISIONS.

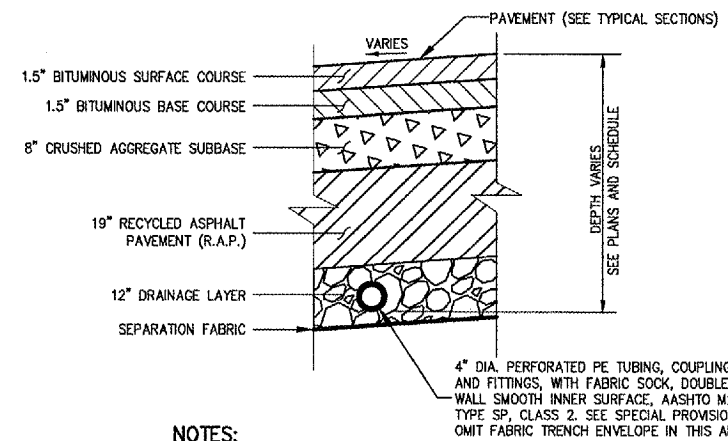
**UNDERDRAIN CAPPED END**

**NOTES:**

- SEE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS FOR PIPE MATERIAL SPECIFICATIONS.
- SEE DETAILS AND SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS FOR TRENCH BACKFILL AND COMPACTION REQUIREMENTS.
- STATION AND OFFSET IS GIVEN TO THE CENTER OF THE CLEANOUT.
- SEE DETAILS FOR ADDITIONAL STRUCTURE INFORMATION.
- REFER TO UNDERDRAIN CLEANOUT DETAIL FOR FRAME AND LID INFORMATION.



**UNDERDRAIN ALONG PAVEMENT EDGE**



**NOTES:**

- UNDERDRAIN TO BE INSTALLED WITHIN THE 12\"/>
- ANY SEPARATION FABRIC DAMAGED DURING THE INSTALLATION OF THE UNDERDRAIN TO BE EXCAVATED AND REPLACED.

**UNDERDRAIN UNDER PAVEMENT**

No.	Drawing Issue	Description	Date	By

Date  
11 MARCH 2005  
Sheet Title

**UNDERDRAIN SCHEDULE AND DETAILS**

843-04B8007	Project Number
KLK	02/03/05
KLK, TMM	02/03/05
RMH	03/11/05
KLK	---

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