

ITEM NO. 8A

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33		COST PARTICIPATION EXHIBIT

NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.



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6-16-06 LETTING, ITEM 8A

WA056
TOTAL SHEETS = 33

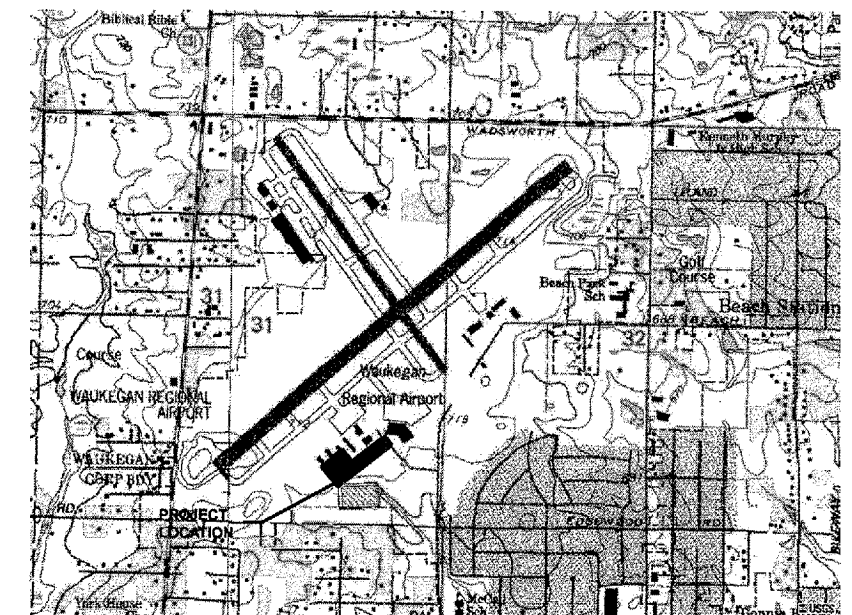
CONSTRUCTION PLANS

REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

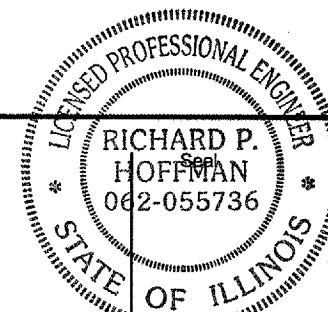
WAUKEGAN REGIONAL AIRPORT
WAUKEGAN PORT DISTRICT
WAUKEGAN, LAKE COUNTY, ILLINOIS

IDA PROJECT NO. UGN-3601

VICINITY MAP



SHEET NO. 1 OF 33



Date of Plans

Richard P. Hoffman
Exp. 11/30/2007

April 21, 2006

Richard P. Hoffman, P.E.

No.	Drawing Issue Description	Sheets Changed	Date	By

05/01/2006, 08:28 AM
I:\04\Jobs\008311631\04TXYP\Taxilanes Re-design (June 2006)\Civil\Sheet02 Summary of Quantities.dgn
LDH

SUMMARY OF QUANTITIES

Item No.	Description	Unit	As Bid			Record Paid		
			State/Local	Local Only	Total	State/Local	Local Only	Total
AR150510	Engineer's Field Office	Lump Sum	1.00	0.00	1.00			
AR152410	Unclassified Excavation	Cubic Yard	850.00	0.00	850.00			
AR156510	Silt Fence	Linear Foot	1,711.00	0.00	1,711.00			
AR201610	Bituminous Base Course	Ton	927.00	153.00	1,080.00			
AR201620	Bituminous Base Course, Leveling	Ton	140.00	0.00	140.00			
AR209610	Crushed Agg. Base Course - 10"	Square Yard	1,615.00	0.00	1,615.00			
AR401610	Bituminous Surface Course	Ton	922.00	153.00	1,075.00			
AR401650	Bituminous Pavement Milling	Square Yard	1,440.00	0.00	1,440.00			
AR401660	Saw & Seal Bit. Joints	Linear Foot	424.00	42.00	466.00			
AR401665	Bituminous Pavement Sawing	Linear Foot	518.00	42.00	560.00			
AR401900	Remove Bituminous Pavement	Square Yard	5,930.00	1,335.00	7,265.00			
AR602510	Bituminous Prime Coat	Gallon	2,576.00	535.00	3,111.00			
AR603510	Bituminous Tack Coat	Gallon	1,510.00	200.00	1,710.00			
AR620520	Pavement Marking-Waterborne	Square Foot	1,315.00	0.00	1,315.00			
AR701512	12" RCP, Class IV	Linear Foot	226.00	0.00	226.00			
AR705412	Porous Backfill, No. 2	Cubic Yard	69.00	0.00	69.00			
AR705504	4" Perforated Underdrain	Linear Foot	873.00	0.00	873.00			
AR751410	Inlet	Each	2.00	0.00	2.00			
AR751943	Adjust Manhole	Each	1.00	0.00	1.00			
AR751946	Adjust Catch Basin	Each	2.00	0.00	2.00			
AR752412	Precast Reinforced Conc. FES 12"	Each	1.00	0.00	1.00			
AR752512	Grating for Conc. FES 12"	Each	1.00	0.00	1.00			
AR800203	Traffic Barrier Terminal	Each	1.00	0.00	1.00			
AR800995	Adjust Vehicle Gate	Lump Sum	1.00	0.00	1.00			
AR800996	Crack Control Material-Type 2	Square Yard	2,540.00	0.00	2,540.00			
AR901510	Seeding	Acre	1.00	0.00	1.00			
AR905510	Topsoiling (From On Site)	Cubic Yard	65.00	0.00	65.00			
AR905520	Topsoiling (From Off Site)	Cubic Yard	285.00	0.00	285.00			
AR908510	Mulching	Acre	1.00	0.00	1.00			
AR910400	Guardrail	Linear Foot	177.00	0.00	177.00			
AR910975	Relocate Roadway Sign	Each	3.00	0.00	3.00			

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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2006

Sheet Title

SUMMARY OF QUANTITIES

831-04TXVD

Project Number

SJM 11/15/05

Layout By Date

AAP 11/15/05

Designed By Date

RMH/RPH 04/04/06

Reviewed By Date

SJM

Drawn By

Sheet No.

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



PROJECT IS LOCATED IN
E 1/2 OF SECTION 31
W 1/2 OF SECTION 32
BENTON TOWNSHIP, LAKE COUNTY

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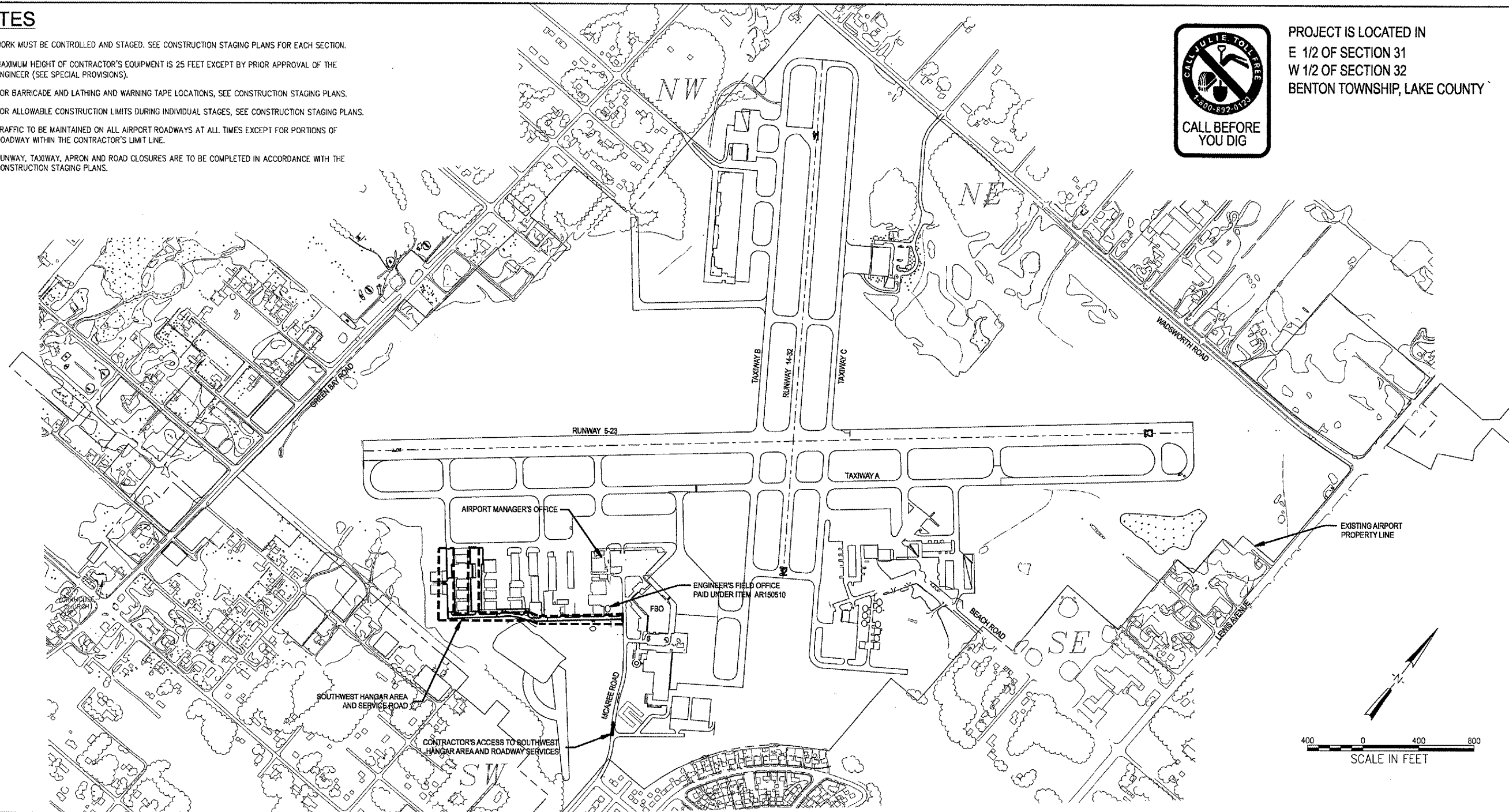
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



PROJECT DESCRIPTION

THIS PROJECT IS TO REHABILITATE HANGAR TAXILANES AND SERVICE ROAD AT WAUKEGAN REGIONAL AIRPORT, INCLUDING, AMONG OTHER INCIDENTAL WORK, THE FOLLOWING ITEMS:

1. BITUMINOUS REHABILITATION AND REPAIR OF THE SOUTHWEST SERVICE DRIVE.
2. BITUMINOUS OVERLAY, DRAINAGE IMPROVEMENTS, AND CONSTRUCTION ON TWO TAXILANES IN THE SOUTHWEST HANGAR AREA.

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 THE STAGING PLANS. 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 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 THE STAGING PLANS. 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 J.U.L.E. (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 721.34
STEEL ROD SET IN 6" LOGO CAP
LOCATION: 36.5' EAST OF RT. 131 (GREEN BAY RD.), 230' SOUTH OF
SUDDARD ST., 101' NORTH OF CENTER ST.
COORDINATES: N 202094502.438 E 1101107324.042

No.	Drawing Issue Description	Date	By

Date APRIL 21, 2006

Sheet Title _____

SITE PLAN AND GENERAL NOTES

831-04TXD

Project Number		
AAP	11/15/05	
Layout By		
RPB	Date	
RPB	11/15/05	
Designed By		
RMH/RRB	Date	
RMH/RRB	04/04/06	
Reviewed By		
LDH	SJM	--
Drawn By		

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. THE CONTRACTOR IS TO EITHER FOLLOW THE CONSTRUCTION STAGING PLANS PROVIDED OR PREPARE AND FOLLOW AN ALTERNATIVE STAGING PLAN THAT MEETS PLAN REQUIREMENTS. THE ALTERNATE STAGING PLAN MUST BE SATISFACTORY TO THE PROJECT ENGINEER AND THE AIRPORT OWNER. THE CONTRACTOR SHALL EXPEDITE WORK AT THOSE STAGES OR PORTIONS OF STAGES WHEN ACTIVE RUNWAYS, TAXIWAYS, APRONS, ROADWAYS OR PARKING LOTS MUST BE CLOSED OR REDUCED IN SIZE TO MINIMIZE THE LENGTH OF TIME THAT AIRPORT OPERATIONS ARE RESTRICTED.

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 PLANS, AND DETAIL A, THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND THE AIRPORT OWNER. THE CONTRACTOR WILL FURNISH, PLACE, MAINTAIN AND RELOCATE THE LATHING AND WARNING TAPE AS REQUIRED. THE COST OF THESE ITEMS, AND THEIR MAINTENANCE, IS TO BE INCIDENTAL TO THE CONTRACT.

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. TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS ASSOCIATED WITH THESE REQUIREMENTS, CONSTRUCTION WORK MUST BE COMPLETED EXPEDITIOUSLY.

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. THE COST OF THESE ITEMS, AND THEIR MAINTENANCE, IS TO BE INCIDENTAL TO THE CONTRACT.

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 200 FEET FROM THE CENTERLINE OF ACTIVE RUNWAYS, 57.5 FEET FROM THE CENTERLINE OF ACTIVE TAXILANES, 65.5 FEET FROM THE CENTERLINE OF ACTIVE TAXIWAYS, AND 10 FEET FROM THE EDGE OF ACTIVE APRONS. CONTRACTOR'S ACTIVITIES IF REQUIRED AT RUNWAY ENDS MAY NOT PENETRATE THE RUNWAY OBJECT FREE AREA OR THE PART 77 SURFACES.

WHEN IT IS NECESSARY FOR CONSTRUCTION VEHICLES TO OPERATE ON OR WITHIN THESE LIMITS, THE RUNWAY, TAXIWAYS, TAXILANE OR APRON MUST BE CLOSED. THE CONTRACTOR WILL PROVIDE POSITIVE CONTROL OF CONSTRUCTION VEHICLES USING RADIO-EQUIPPED FLAGGERS. ALL CONTRACTOR'S EQUIPMENT USED IN ACTIVE AIRPORT OPERATIONS AREAS (AOA) SHALL BE EQUIPPED WITH A FAA-STANDARD FLAG, AS REFERENCED IN FAA AC 150/5370-2, CURRENT ISSUE. ALL WORK WITHIN THE AOA SHALL BE COORDINATED WITH THE AIRPORT MANAGER AND CONTROL TOWER. AIRCRAFT SHALL HAVE THE RIGHT-OF-WAY. CONSTRUCTION VEHICLES SHALL NOT CROSS AN ACTIVE RUNWAY. THE COST OF ALL TRAFFIC CONTROL, BOTH WITHIN AND OUTSIDE OF AIRPORT OPERATIONS AREAS, IS TO BE INCIDENTAL TO THE CONTRACT.

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. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION ENTRANCE IN GOOD CONDITION. THE COST OF MAINTAINING THE CONSTRUCTION ENTRANCE IS TO BE INCIDENTAL TO THE CONTRACT.

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. ANY REQUIRED CLEANING SHALL BE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND AIRPORT OWNER AND IS INCIDENTAL TO THE CONTRACT.

VEHICLE SAFETY

TRAFFIC CONTROL WILL BE REQUIRED WHEN CONTRACTOR ACTIVITIES ARE WITHIN 15 FEET OF AN ACTIVE AIRPORT ROADWAY OR AUTO PARKING AREA. THE TRAFFIC CONTROL SHALL BE AS SHOWN ON THE PLANS AND SPECIFIED IN THE SPECIAL PROVISIONS. COST OF ALL VEHICLE TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE CONTRACT.

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, THE AIRPORT OWNER AND THE CONTROL TOWER. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT OWNER 72 HOURS IN ADVANCE OF THE CONTRACTOR'S CLOSING OF OTHER ACTIVE ROADWAYS, AIRFIELD OR ROADWAY LIGHTING CIRCUITS, OR OTHER AIRPORT FACILITIES. THE CONTROL TOWER MUST BE NOTIFIED AS WELL FOR ANY CLOSINGS THAT AFFECT THE CONTROLLED PORTIONS OF THE AIRFIELD.

CONTRACTOR'S USE OF SITE

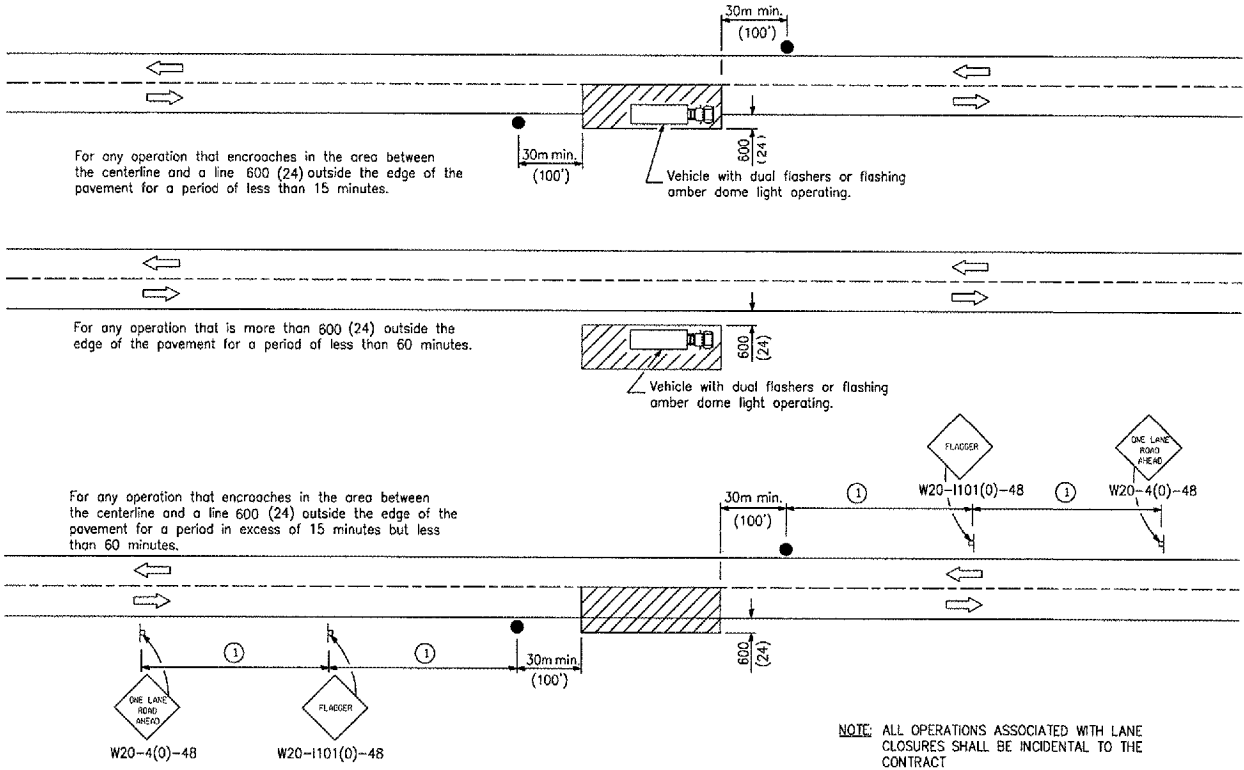
THE CONTRACTOR SHALL NOT OPERATE WITHIN, ENCROACH UPON OR OBSTRUCT AIRPORT OPERATIONAL AREAS, INCLUDING ACTIVE RUNWAY, TAXIWAYS AND APRON SAFETY AREAS, OBJECT AND OBSTACLE FREE ZONES, RUNWAY PROTECTION ZONES AND AIRPORT IMAGINARY SURFACES AS DEFINED IN FEDERAL AVIATION REGULATIONS (FAR) PART 77, "OBJECTS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

UTILITY OUTAGES AND SHUTDOWNS

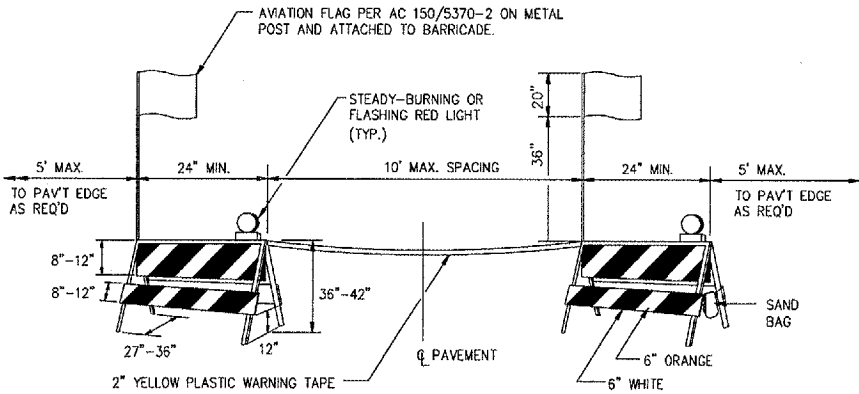
THE CONTRACTOR SHALL PROVIDE 72 HOURS PRIOR NOTICE OF ANY OUTAGES OR SHUTDOWNS TO THE OWNER AND THE AGENCY OWNING THE AFFECTED UTILITY. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY CONNECTIONS OR OTHER MEASURES AS MAY BE REQUIRED TO MAINTAIN SERVICE AS MAY BE REQUIRED BY THE OWNING AGENCY AT NO COST TO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

AVAILABLE SOIL DATA

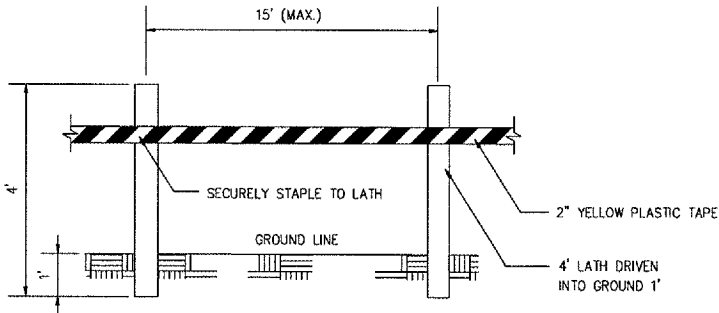
PAVEMENT CORE INFORMATION IS AVAILABLE FOR THE RESURFACING AREAS UPON REQUEST. CORING INFORMATION AND INFORMATION ON SOIL TESTS IS MADE AVAILABLE SOLELY FOR THE CONVENIENCE OF THE BIDDER AND/OR CONTRACTOR. NEITHER THE OWNER NOR THE PROJECT ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE AVAILABLE INFORMATION AND THERE IS NO EXPRESSED OR IMPLIED GUARANTEE THAT THE CONDITIONS DESCRIBED IN THE SOIL TEST DATA ARE REPRESENTATIVE OF ALL CONDITIONS THAT MAY BE ENCOUNTERED.



LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
(IDOT STANDARD 701301-02)



DETAIL B
PAVEMENT BARRICADES



DETAIL A
LATHING AND WARNING TAPE

DETAILS SHOWN ARE NOT TO SCALE

WA056



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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2006

Sheet Title

CONSTRUCTION AND
SAFETY NOTES AND
DETAILS

831-04TXVD

Project Number	
DSY	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RMH/RPH	04/04/06
Reviewed By	Date
DSY	SJM
Drawn By	

Sheet No.

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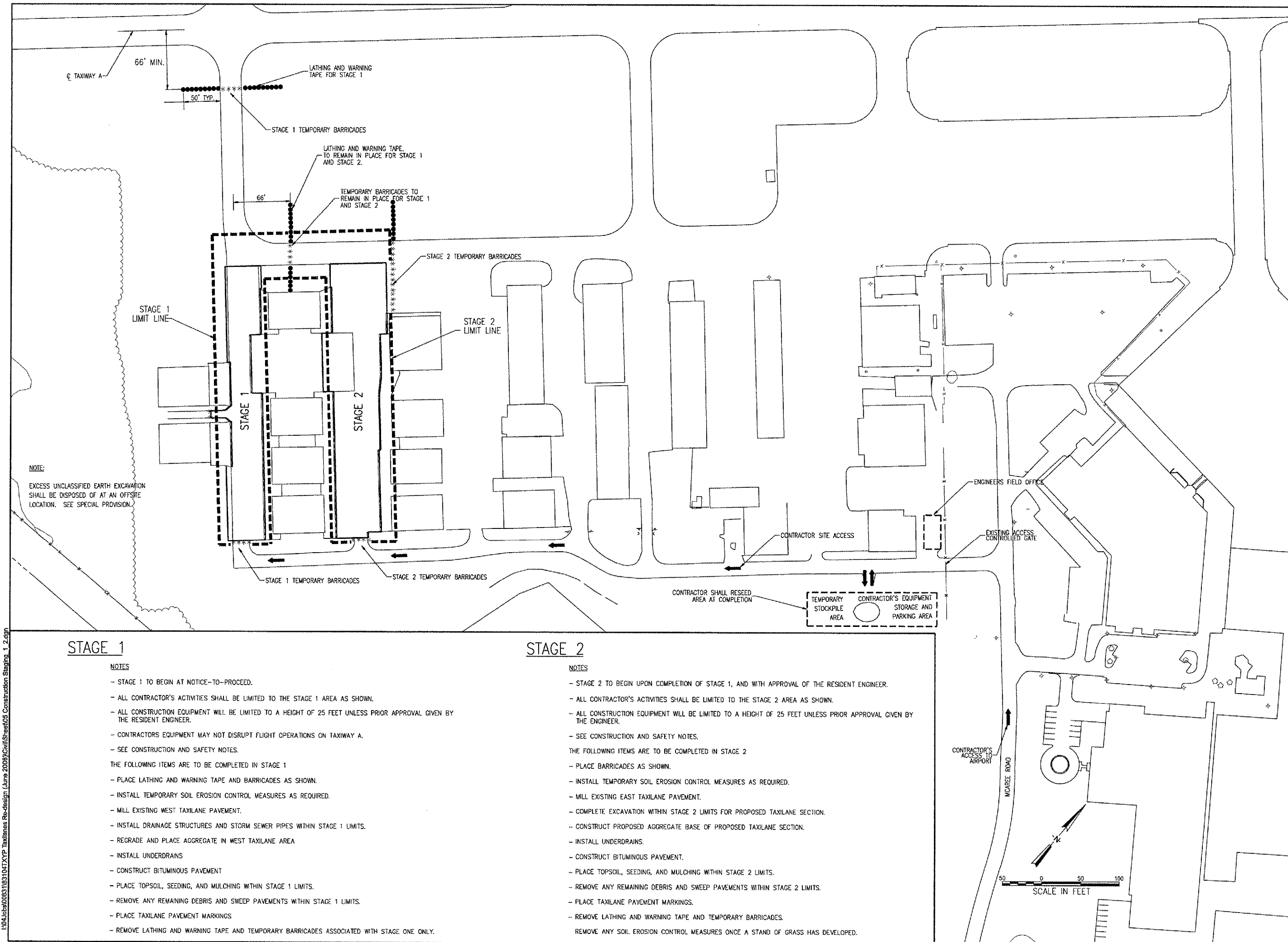
REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

No.	Drawing Issue Description	Date	By

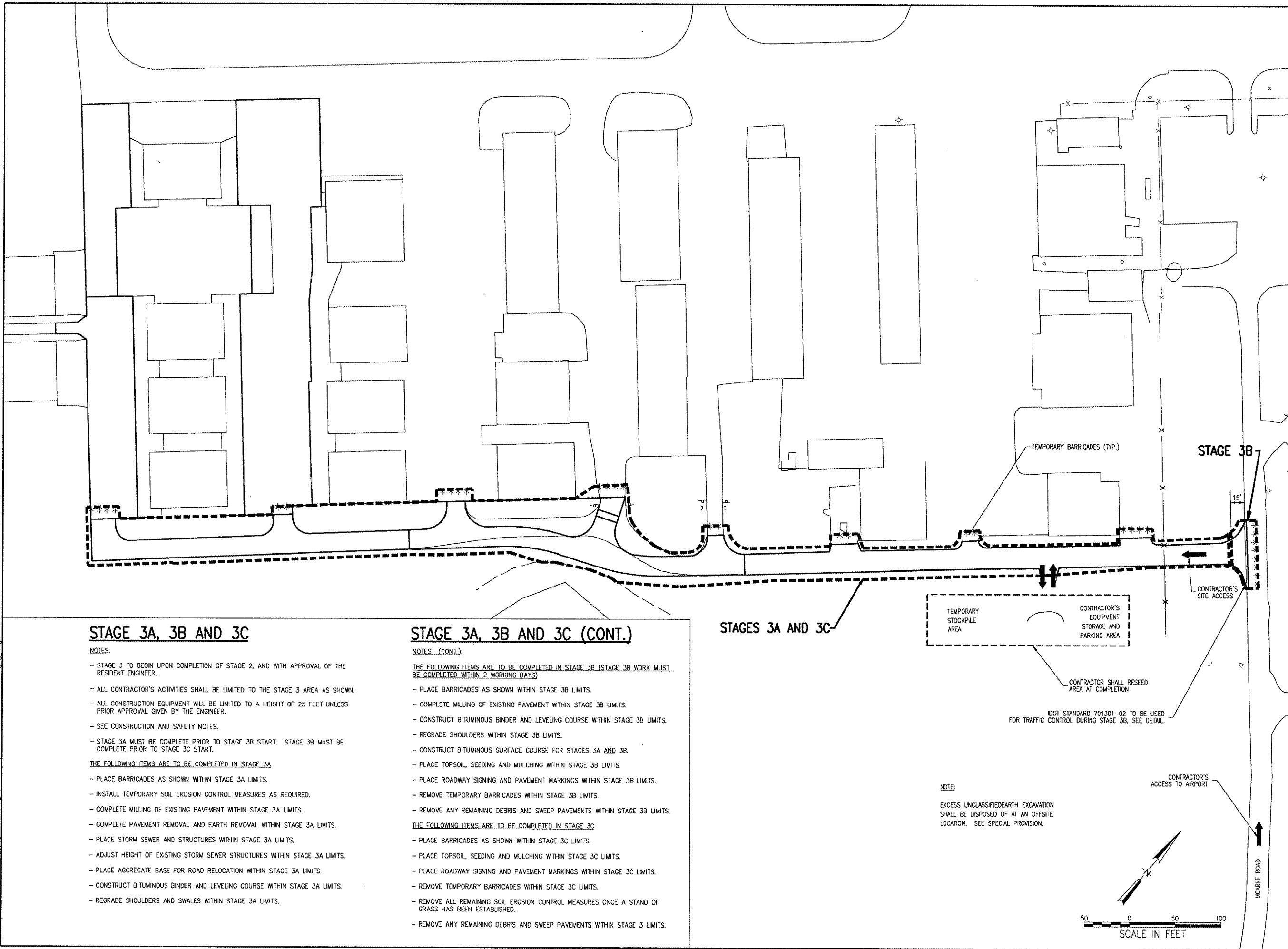
CONSTRUCTION STAGING
PLAN - TAXILANES
STAGES 1 AND 2

5

Sheet No.



05/01/2006, 08:27 AM
I:\04\Jobs\0083103104\TXYP Taxilanes Re-design (June 2006)\Civil\Sheet\08 Construction Staging 3.dgn
LDH



STAGE 3A, 3B AND 3C

NOTES:

- STAGE 3 TO BEGIN UPON COMPLETION OF STAGE 2, AND WITH APPROVAL OF THE RESIDENT ENGINEER.
- ALL CONTRACTOR'S ACTIVITIES SHALL BE LIMITED TO THE STAGE 3 AREA 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.
- STAGE 3A MUST BE COMPLETE PRIOR TO STAGE 3B START. STAGE 3B MUST BE COMPLETE PRIOR TO STAGE 3C START.

THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 3A

- PLACE BARRICADES AS SHOWN WITHIN STAGE 3A LIMITS.
- INSTALL TEMPORARY SOIL EROSION CONTROL MEASURES AS REQUIRED.
- COMPLETE MILLING OF EXISTING PAVEMENT WITHIN STAGE 3A LIMITS.
- COMPLETE PAVEMENT REMOVAL AND EARTH REMOVAL WITHIN STAGE 3A LIMITS.
- PLACE STORM SEWER AND STRUCTURES WITHIN STAGE 3A LIMITS.
- ADJUST HEIGHT OF EXISTING STORM SEWER STRUCTURES WITHIN STAGE 3A LIMITS.
- PLACE AGGREGATE BASE FOR ROAD RELOCATION WITHIN STAGE 3A LIMITS.
- CONSTRUCT BITUMINOUS BINDER AND LEVELING COURSE WITHIN STAGE 3A LIMITS.
- REGRADE SHOULDERS AND SWALES WITHIN STAGE 3A LIMITS.

STAGE 3A, 3B AND 3C (CONT.)

NOTES (CONT.):

THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 3B (STAGE 3B WORK MUST BE COMPLETED WITHIN 2 WORKING DAYS)

- PLACE BARRICADES AS SHOWN WITHIN STAGE 3B LIMITS.
- COMPLETE MILLING OF EXISTING PAVEMENT WITHIN STAGE 3B LIMITS.
- CONSTRUCT BITUMINOUS BINDER AND LEVELING COURSE WITHIN STAGE 3B LIMITS.
- REGRADE SHOULDERS WITHIN STAGE 3B LIMITS.
- CONSTRUCT BITUMINOUS SURFACE COURSE FOR STAGES 3A AND 3B.
- PLACE TOPSOIL, SEEDING AND MULCHING WITHIN STAGE 3B LIMITS.
- PLACE ROADWAY SIGNING AND PAVEMENT MARKINGS WITHIN STAGE 3B LIMITS.
- REMOVE TEMPORARY BARRICADES WITHIN STAGE 3B LIMITS.
- REMOVE ANY REMAINING DEBRIS AND SWEEP PAVEMENTS WITHIN STAGE 3B LIMITS.

THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 3C

- PLACE BARRICADES AS SHOWN WITHIN STAGE 3C LIMITS.
- PLACE TOPSOIL, SEEDING AND MULCHING WITHIN STAGE 3C LIMITS.
- PLACE ROADWAY SIGNING AND PAVEMENT MARKINGS WITHIN STAGE 3C LIMITS.
- REMOVE TEMPORARY BARRICADES WITHIN STAGE 3C LIMITS.
- REMOVE ALL REMAINING SOIL EROSION CONTROL MEASURES ONCE A STAND OF GRASS HAS BEEN ESTABLISHED.
- REMOVE ANY REMAINING DEBRIS AND SWEEP PAVEMENTS WITHIN STAGE 3C LIMITS.

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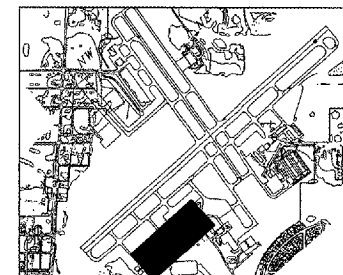
Waukegan Regional Airport
Waukegan Regional Port District

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Waukegan, Illinois 60087
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2006

Sheet Title

CONSTRUCTION STAGING
PLAN - SERVICE ROAD
STAGE 3

831-04TXD

Project Number

RPH 11/15/05

Layout By Date

RPH 11/15/05

Designed By Date

RPH/RPH 04/04/06

Reviewed By Date

RPH SJM

Drawn By

Sheet No.



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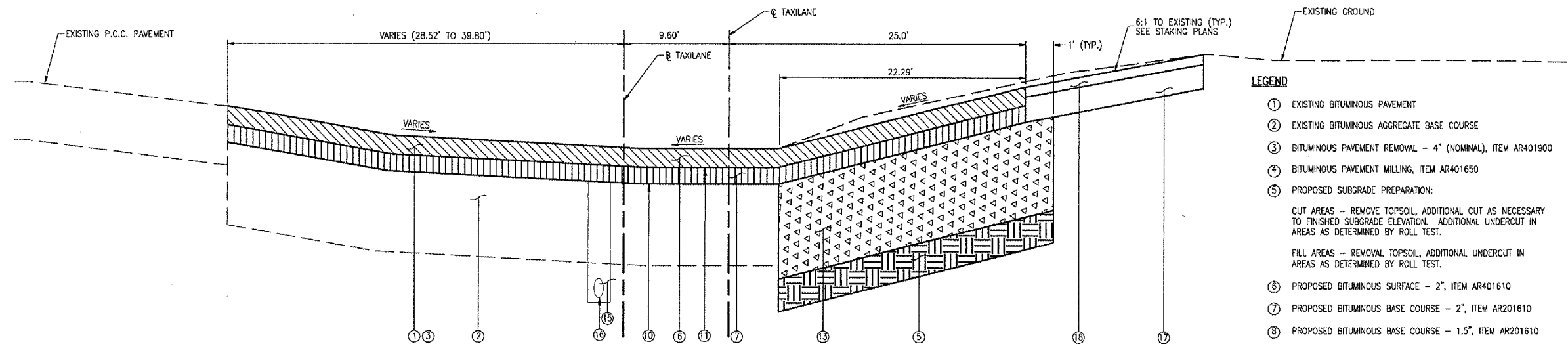
Waukegan Regional Airport
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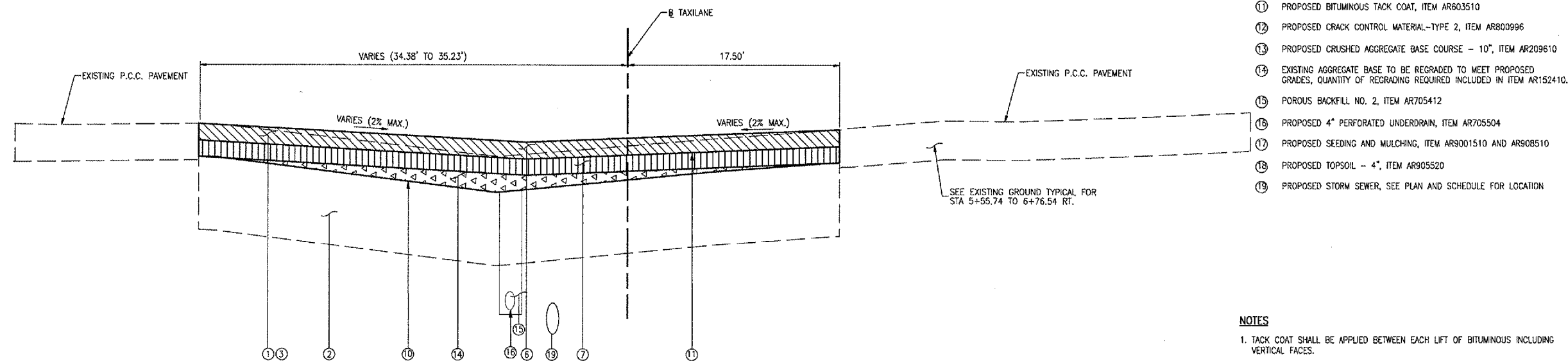
WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

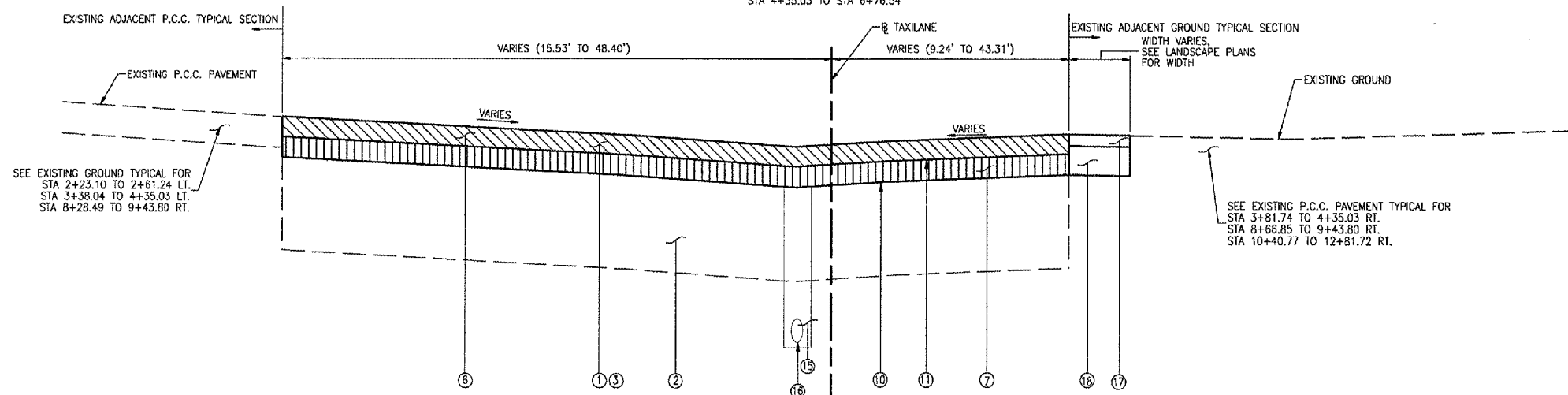
IDA PROJECT NO. UGN-3601



PROPOSED EAST TAXILANE NEW PAVEMENT CONSTRUCTION
(SECTION SHOWN LOOKING SOUTH)
STA 9+43.80 TO STA 10+40.77



PROPOSED WEST TAXILANE GRADE ADJUSTMENT AND OVERLAY
(SECTION SHOWN LOOKING SOUTH)
STA 4+35.03 TO STA 6+76.54



PROPOSED WEST AND EAST TAXILANE OVERLAY
(SECTION SHOWN LOOKING SOUTH)
STA 2+23.10 TO STA 4+35.03
STA 8+28.49 TO STA 9+43.80
STA 10+40.77 TO STA 12+81.72

NOTES

1. TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF BITUMINOUS INCLUDING VERTICAL FACES.
2. BITUMINOUS PAVEMENT SAWING TO BE PAID AS ITEM AR401665. SEE DETAILS.
3. BITUMINOUS JOINT SEALING TO BE PAID FOR AS ITEM AR401660. SEE DETAILS.

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2008

Sheet Title

TAXILANES TYPICAL
SECTIONS

831-04TXVD

Project Number

RPH 11/15/05

Layout By Date

RPH 11/15/05

Designed By Date

RMH/RPH 04/04/06

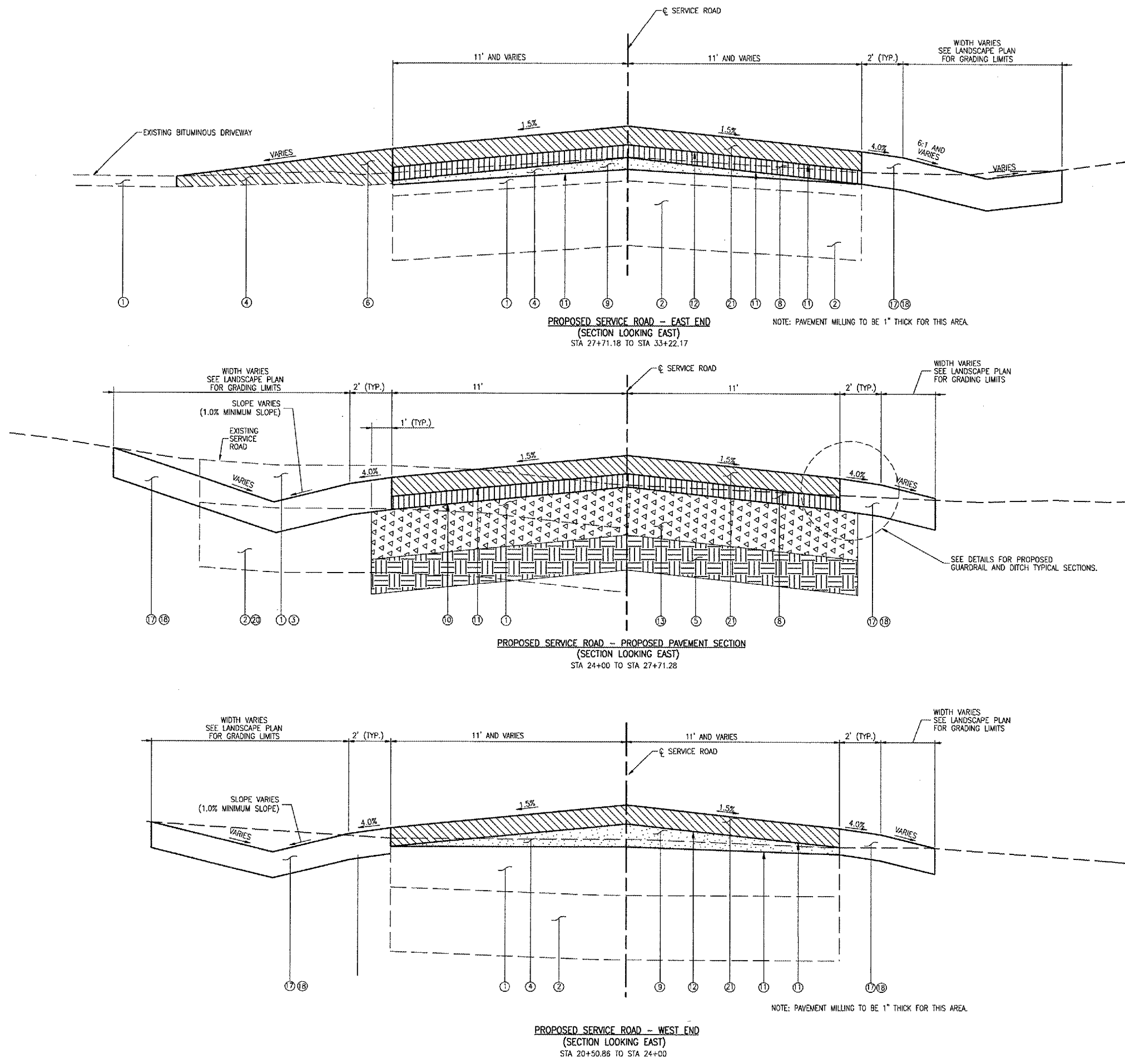
Reviewed By Date

SJM

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Sheet No.

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I:\04\040831\041TXYP Taxilanes Re-design (June 2006)\CNS\Sheet08 Typical Sections 02.dgn



LEGEND

- ① EXISTING BITUMINOUS PAVEMENT
- ② EXISTING BITUMINOUS AGGREGATE BASE COURSE
- ③ BITUMINOUS PAVEMENT REMOVAL - 4" (NOMINAL), ITEM AR401900
- ④ BITUMINOUS PAVEMENT MILLING, ITEM AR401650
- ⑤ PROPOSED SUBGRADE PREPARATION:
CUT AREAS - REMOVE TOPSOIL, ADDITIONAL CUT AS NECESSARY TO FINISHED SUBGRADE ELEVATION. ADDITIONAL UNDERCUT IN AREAS AS DETERMINED BY ROLL TEST.
FILL AREAS - REMOVAL TOPSOIL, ADDITIONAL UNDERCUT IN AREAS AS DETERMINED BY ROLL TEST.
- ⑥ PROPOSED BITUMINOUS SURFACE - 2", ITEM AR401610
- ⑦ PROPOSED BITUMINOUS BASE COURSE - 2", ITEM AR201610
- ⑧ PROPOSED BITUMINOUS BASE COURSE - 1.5", ITEM AR201610
- ⑨ PROPOSED BITUMINOUS BASE COURSE, LEVELING, (DEPTH RANGE OF 0.0" TO 8.5"), ITEM AR201620
- ⑩ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑪ PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ⑫ PROPOSED CRACK CONTROL MATERIAL-TYPE 2, ITEM AR800996
- ⑬ PROPOSED CRUSHED AGGREGATE BASE COURSE - 10", ITEM AR209610
- ⑭ EXISTING AGGREGATE BASE COURSE TO BE REGRADED TO MEET PROPOSED GRADES, QUANTITY OF REGRADED REQUIRED INCLUDED IN ITEM AR152410
- ⑮ POROUS BACKFILL NO. 2, ITEM AR705412
- ⑯ PROPOSED 4" PERFORATED UNDERDRAIN, ITEM AR705504
- ⑰ PROPOSED SEEDING AND MULCHING, ITEM AR901510 AND AR908510
- ⑱ PROPOSED TOPSOIL - 4", ITEM AR905520
- ⑲ PROPOSED STORM SEWER, SEE PLAN AND SCHEDULE FOR LOCATION
- ⑳ EXISTING AGGREGATE BASE COURSE TO BE REMOVED, PAID UNDER ITEM AR152410
- ㉑ PROPOSED BITUMINOUS SURFACE - 1.5", ITEM AR401610

NOTES

1. TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF BITUMINOUS INCLUDING VERTICAL FACES.
2. BITUMINOUS PAVEMENT SAWING TO BE PAID AS ITEM AR401665. SEE DETAILS.
3. BITUMINOUS JOINT SEALING TO BE PAID FOR AS ITEM AR401660. SEE DETAILS.

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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601

No.	Drawing Issue Description	Date	By

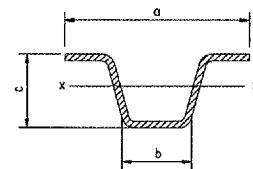
Date
APRIL 21, 2006
Sheet Title

SERVICE ROAD TYPICAL
SECTIONS

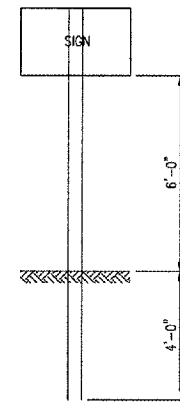
831-04TXYP	Project Number
RPH	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RMH/RPH	04/04/06
Reviewed By	Date
SJM	
Drawn By	Sheet No.

NOTES:

1. DIMENSIONS FOR CROSS SECTIONS ARE MINIMUM.
2. S_x-x IS THE MINIMUM SECTION MODULUS ABOUT THE X-X AXIS OF THE POST AS SHOWN. FOR POST IN WHICH HOLES ARE PUNCHED OR DRILLED FOR MORE THAN HALF THEIR LENGTH, S_x-x SHALL BE COMPUTED FOR THE NEXT SECTION.
3. SOIL PRESSURE: MINIMUM ALLOWABLE SOIL PRESSURE = 1.25 TSF (120 KLA).
4. ALL HOLES ARE 3/8" (10mm) IN DIAMETER.
5. LOADING FOR 60 MPH (95 km/h) WIND VELOCITY WITH 30% GUST FACTOR, NORMAL TO SIGN.
6. MATERIALS: POST SHALL BE STRUCTURAL STEEL-BREAKAWAY CONFORMING WITH THE REQUIREMENTS OF SECTION 1093.01 OF THE IDOT SPECIFICATIONS. BOLTS, NUTS AND WASHERS SHALL BE HIGH-STRENGTH STEEL, GALVANIZED AND SHALL CONFORM TO SECTION 1006.08 OF THE IDOT SPECIFICATIONS.
7. IN AREAS WHERE POSTS PENETRATE PAVEMENT, THE PAVEMENT SHALL BE CORED. AFTER THE POST IS SET, THE HOLE SHALL BE GROUTED WITH AN IDOT APPROVED NON-SHRINK GROUT. COST INCIDENTAL TO SIGN.

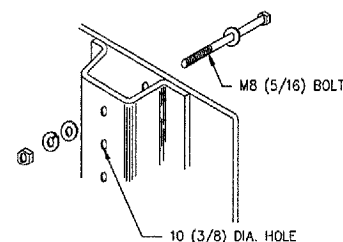


SECTION



ONE POST INSTALLATION

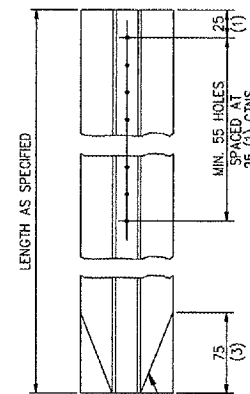
		a	b	c	S_x-x mm ³ (in. ³)	kg/m (lbs./ft.)
TYPE B	STEEL	81 (3 3/16)	32 (1 1/4)	38 (1 1/2)	5.588 (0.341)	4.46 (3.00)
	ALUMINUM	118 (4 5/8)	57 (2 1/4)	60 (2 3/8)	14.552 (0.888)	1.93 (1.30)



NOTE: MINIMUM OF 2 BOLTS PER POST REQUIRED

DETAIL OF MOUNTING SIGN TO POST

ROADWAY SIGN POST
(IDOT STANDARD 72001)

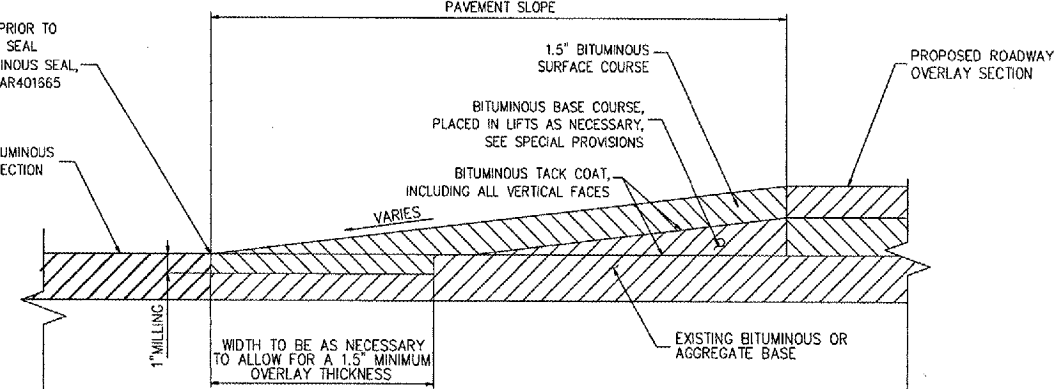


LENGTH AS SPECIFIED

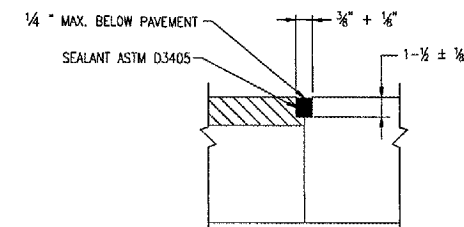
TYPE B

1" DEEP SAWCUT PRIOR TO MILLING, SAW AND SEAL BITUMINOUS/BITUMINOUS SEAL, SEE DETAIL, ITEM AR401665

EXISTING BITUMINOUS PAVEMENT SECTION

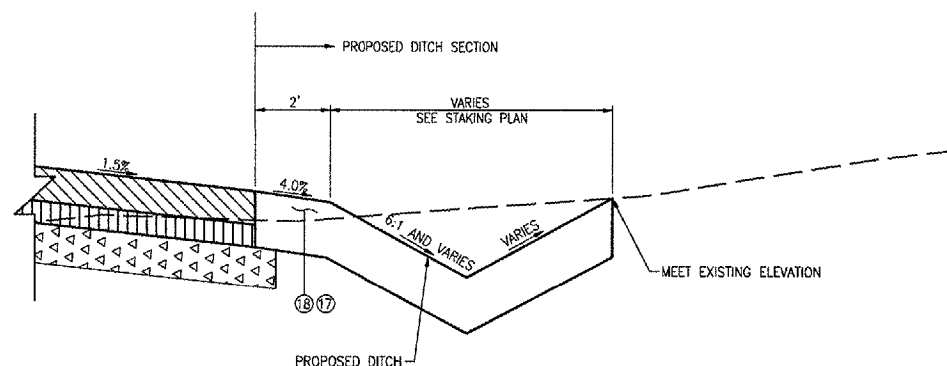


BITUMINOUS TAPER DETAIL

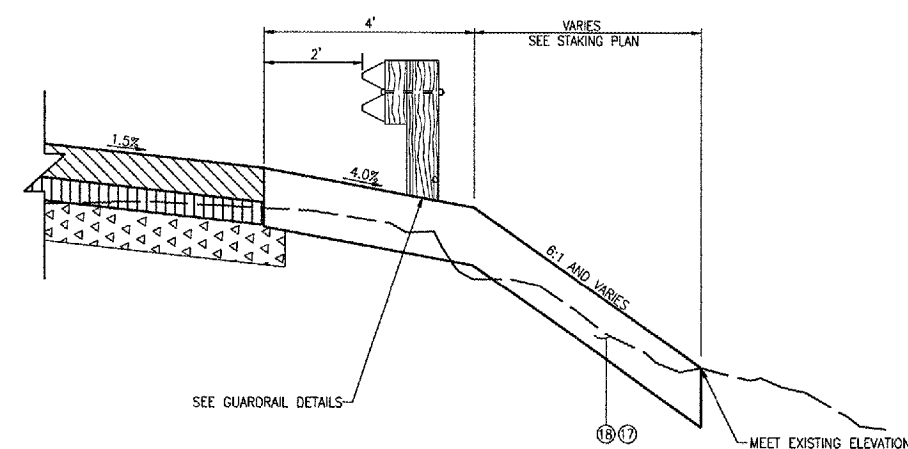


NOTE: BITUMINOUS JOINT SEALING TO BE PAID FOR AS ITEM AR401660

PROPOSED BITUMINOUS/BITUMINOUS SEAL



PROPOSED ROADSIDE DITCH
(SECTION LOOKING EAST)
STA. 26+47.95 TO STA. 27+71.28



PROPOSED GUARDRAIL DETAIL
(SECTION LOOKING EAST)
STA. 24+43.28 TO STA. 26+47.95

DETAILS SHOWN ARE NOT TO SCALE

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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601

No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2006
Sheet Title

TYPICAL SECTION DETAILS

831-04TXD
Project Number
DSY 11/15/05
Layout By Date
RPH 11/15/05
Designed By Date
RMH/RPH 04/04/06
Reviewed By Date
SJM DSY
Drawn By Sheet No.

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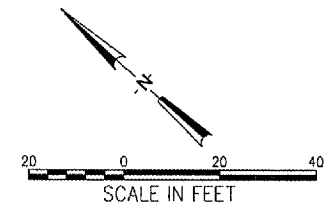
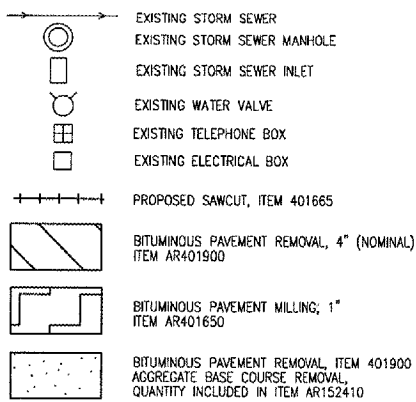
REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

No.	Drawing Issue Description	Date	By

SAWCUTTING AND PAVEMENT REMOVAL WEST TAXILANE

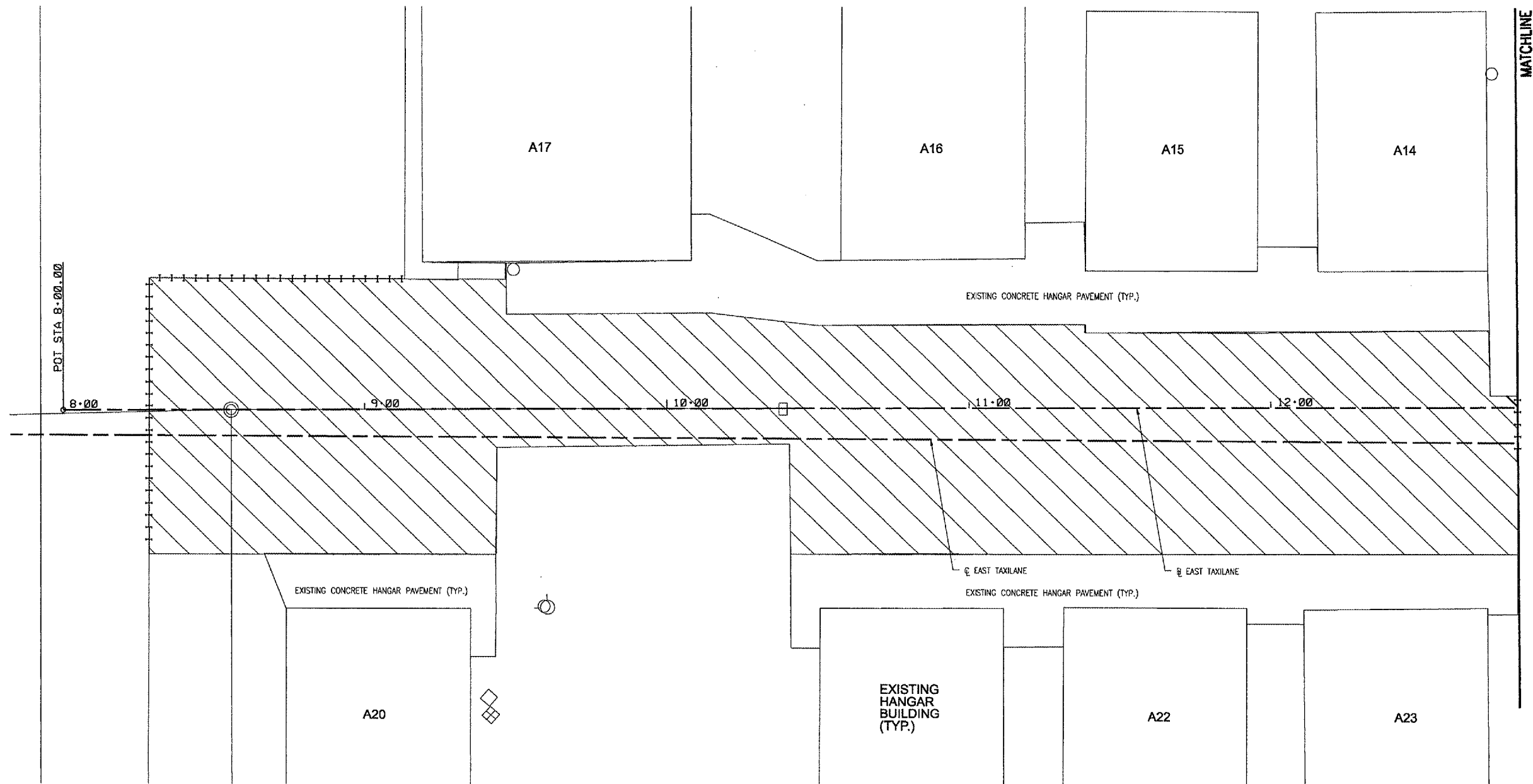
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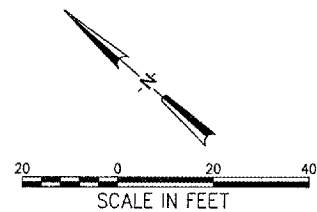


NOTES

1. EXISTING BITUMINOUS PAVEMENT, UNDERCUT, UNDERDRAINS, AND STORM SEWER RELATED ITEMS TO BE REMOVED ARE TO BE DISPOSED OF AT AN OFFSITE LOCATION. SEE SPECIAL PROVISIONS.
2. SEE PLAN SHEETS FOR COORDINATES OF PROPOSED SAWCUT LOCATIONS

LEGEND

	EXISTING STORM SEWER
	EXISTING STORM SEWER MANHOLE
	EXISTING STORM SEWER INLET
	EXISTING WATER VALVE
	EXISTING TELEPHONE BOX
	EXISTING ELECTRICAL BOX
	PROPOSED SAWCUT, ITEM 401665
	BITUMINOUS PAVEMENT REMOVAL, 4" (NOMINAL) ITEM AR401900
	BITUMINOUS PAVEMENT MILLING, 1" ITEM AR401650
	BITUMINOUS PAVEMENT REMOVAL, ITEM 401900 AGGREGATE BASE COURSE REMOVAL, QUANTITY INCLUDED IN ITEM AR152410



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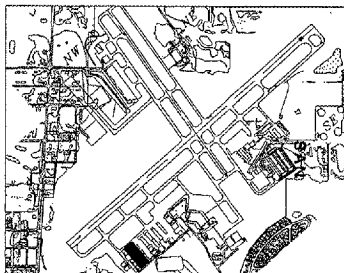
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2006

Sheet Title

SAWCUTTING AND PAVEMENT REMOVAL EAST TAXILANE

831-04TXYP

Project Number

RPH 11/15/05

Layout By Date

RPH 11/15/05

Designed By Date

RPH 04/04/06

Reviewed By Date

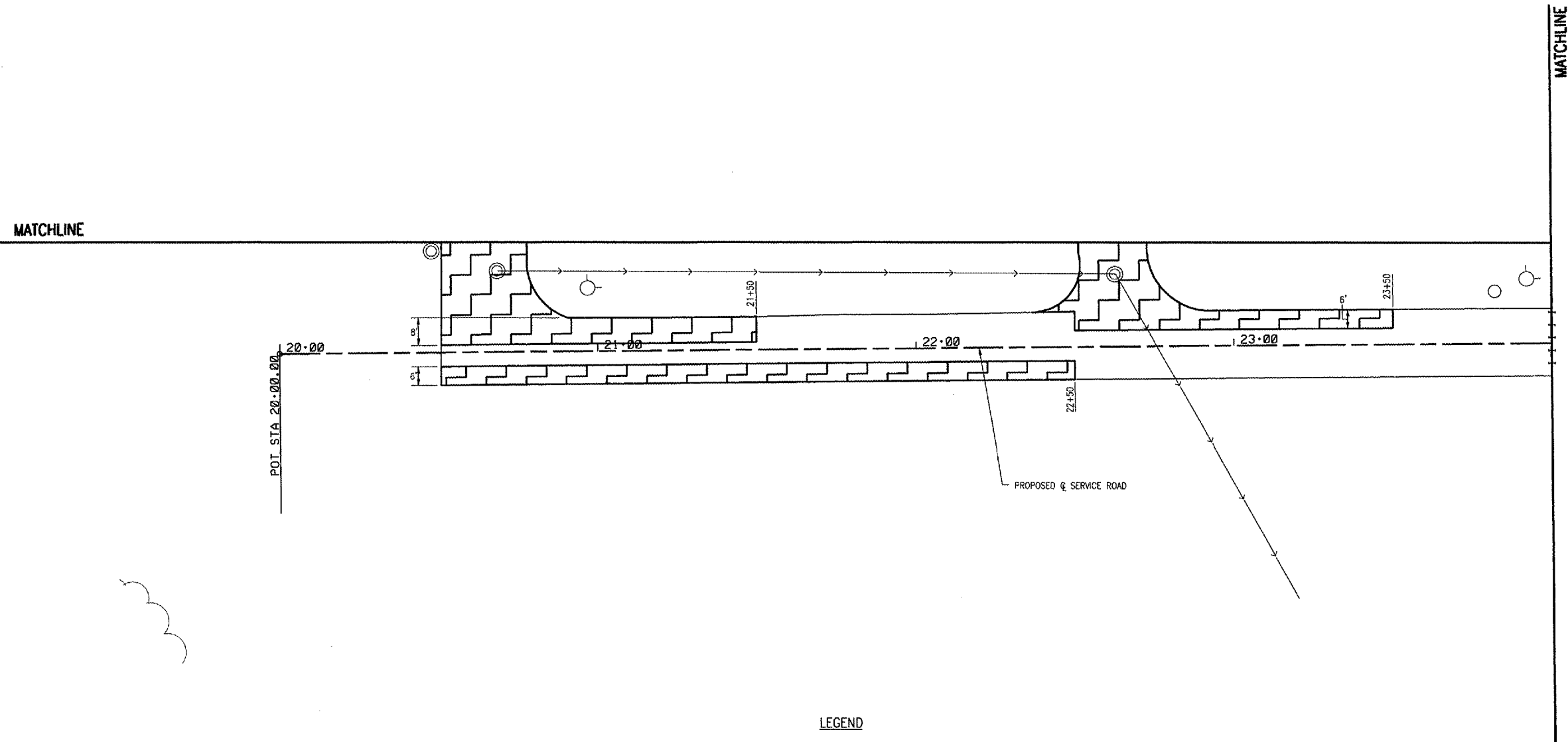
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Sheet No.

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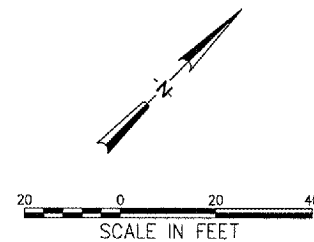


NOTES

1. EXISTING BITUMINOUS PAVEMENT, UNDERCUT, UNDERDRAINS, AND STORM SEWER RELATED ITEMS TO BE REMOVED ARE TO BE DISPOSED OF AT AN OFFSITE LOCATION. SEE SPECIAL PROVISIONS.
2. SEE PLAN SHEETS FOR COORDINATES OF PROPOSED SAWCUT LOCATIONS.
3. BITUMINOUS PAVEMENT MILLING TO BE COMPLETED AS NECESSARY ALONG SERVICE ROAD TO THE BOTTOM OF THE PROPOSED BASE COURSE ELEVATION. CONTRACTOR TO FIELD VERIFY REQUIRED MILLING AREAS.

LEGEND

- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING WATER VALVE
- EXISTING TELEPHONE BOX
- EXISTING ELECTRICAL BOX
- PROPOSED SAWCUT, ITEM 401665
- BITUMINOUS PAVEMENT REMOVAL, ITEM AR401900
- BITUMINOUS PAVEMENT MILLING, ITEM AR401650
- BITUMINOUS PAVEMENT REMOVAL, ITEM 401900
AGGREGATE BASE COURSE REMOVAL, QUANTITY INCLUDED IN ITEM AR152410



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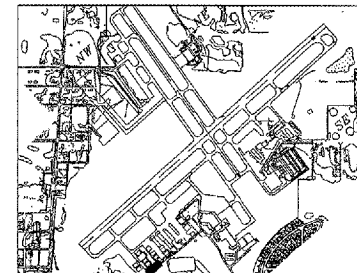
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



No.	Drawing Issue Description	Date	By

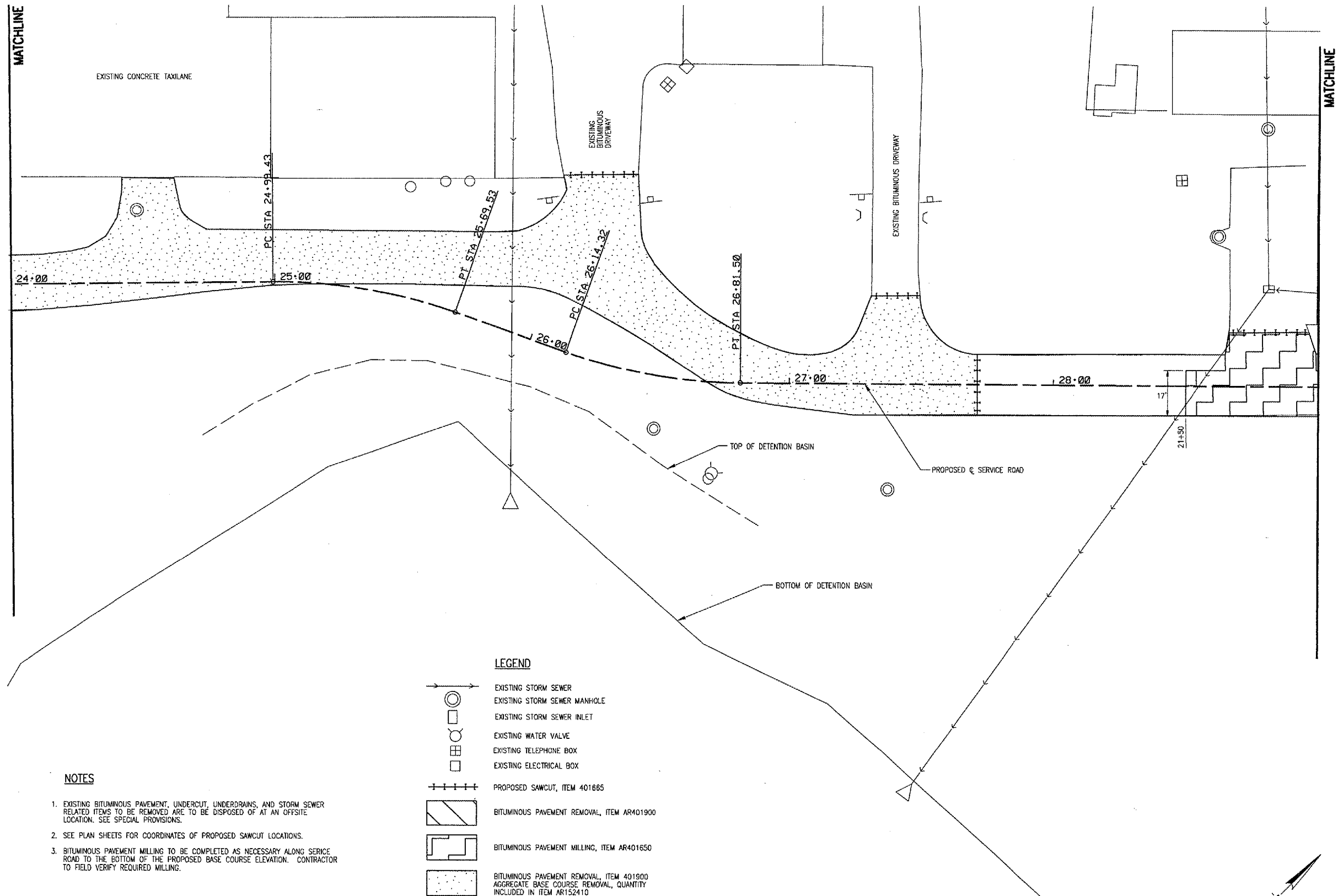
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Sheet Title

SAWCUTTING AND
PAVEMENT REMOVAL
STA 20+00 TO STA 24+00

831-04TXVD
Project Number
RPH 11/15/05
Layout By Date
RPH 11/15/05
Designed By Date
RPH/HRM 04/04/06
Reviewed By Date
SJM DSY
Drawn By

Sheet No.

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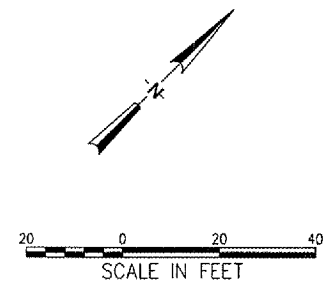


NOTES

1. EXISTING BITUMINOUS PAVEMENT, UNDERCUT, UNDERDRAINS, AND STORM SEWER RELATED ITEMS TO BE REMOVED ARE TO BE DISPOSED OF AT AN OFFSITE LOCATION. SEE SPECIAL PROVISIONS.
2. SEE PLAN SHEETS FOR COORDINATES OF PROPOSED SAWCUT LOCATIONS.
3. BITUMINOUS PAVEMENT MILLING TO BE COMPLETED AS NECESSARY ALONG SERVICE ROAD TO THE BOTTOM OF THE PROPOSED BASE COURSE ELEVATION. CONTRACTOR TO FIELD VERIFY REQUIRED MILLING.

LEGEND

- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING WATER VALVE
- EXISTING TELEPHONE BOX
- EXISTING ELECTRICAL BOX
- PROPOSED SAWCUT, ITEM 401865
- BITUMINOUS PAVEMENT REMOVAL, ITEM AR401900
- BITUMINOUS PAVEMENT MILLING, ITEM AR401650
- BITUMINOUS PAVEMENT REMOVAL, ITEM 401900
AGGREGATE BASE COURSE REMOVAL, QUANTITY INCLUDED IN ITEM AR152410



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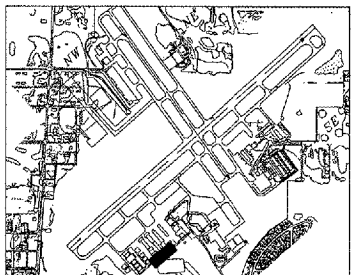
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2006

Sheet Title

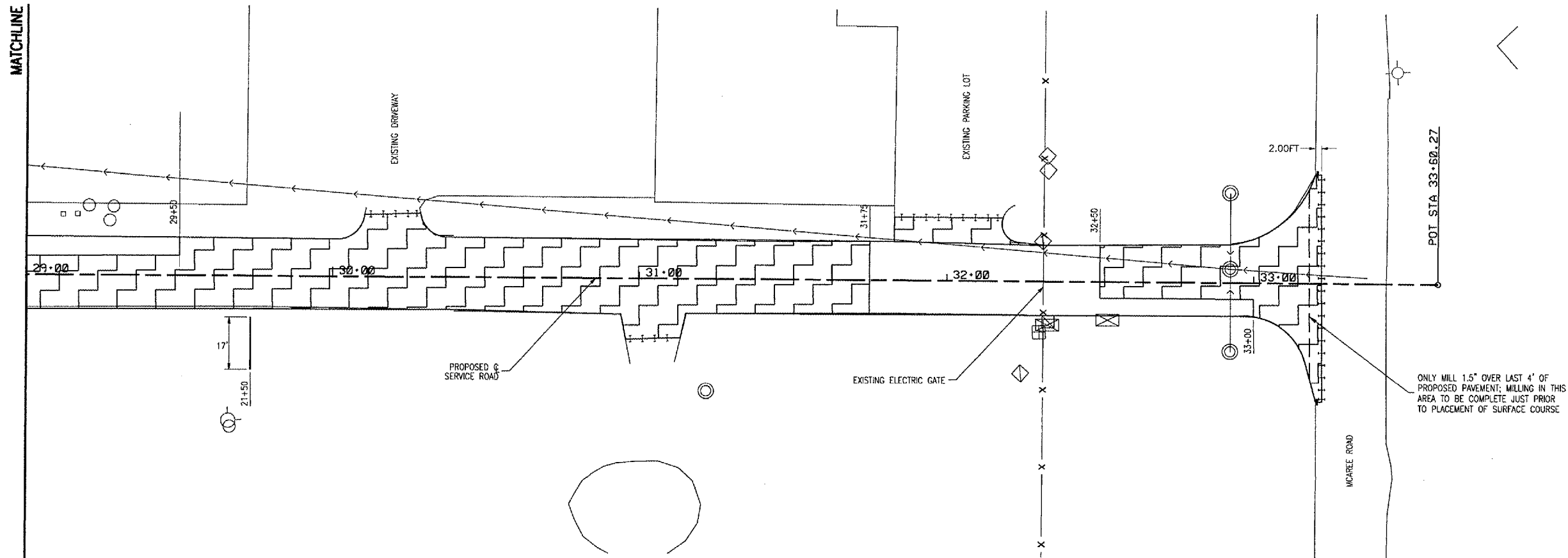
SAWCUTTING AND PAVEMENT REMOVAL STA 24+00 TO STA 29+00

831-04TXYP
Project Number
RPH 11/15/05
Layout By Date
RPH 11/15/05
Designed By Date
RMH/RPH 04/04/06
Reviewed By Date
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Drawn By

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Sheet No.

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NOTES

1. EXISTING BITUMINOUS PAVEMENT, UNDERCUT, UNDERDRAINS, AND STORM SEWER RELATED ITEMS TO BE REMOVED ARE TO BE DISPOSED OF AT AN OFFSITE LOCATION. SEE SPECIAL PROVISION.
2. SEE PLAN SHEETS FOR COORDINATES OF PROPOSED SAWCUT LOCATIONS.
3. BITUMINOUS PAVEMENT MILLING TO BE COMPLETED AS NECESSARY ALONG SERVICE ROAD TO THE BOTTOM OF THE PROPOSED BASE COURSE ELEVATION. CONTRACTOR TO FIELD VERIFY REQUIRED MILLING AREAS.

LEGEND

- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING WATER VALVE
- EXISTING TELEPHONE BOX
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- PROPOSED SAWCUT, ITEM 401665
- BITUMINOUS PAVEMENT REMOVAL, ITEM AR401900
- BITUMINOUS PAVEMENT MILLING, ITEM AR401650
- BITUMINOUS PAVEMENT REMOVAL, ITEM 401900
AGGREGATE BASE COURSE REMOVAL, QUANTITY INCLUDED IN ITEM AR152410

WA056



HANSON PROFESSIONAL SERVICES INC.

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Telephone: 630.990.3800
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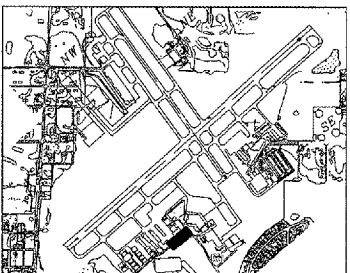
Waukegan Regional Airport
Waukegan Regional Port District

3580 North McAree Road
Waukegan, Illinois 60087
Phone: 847.244.0055
Fax: 847.244.3813

WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3801



KEY MAP

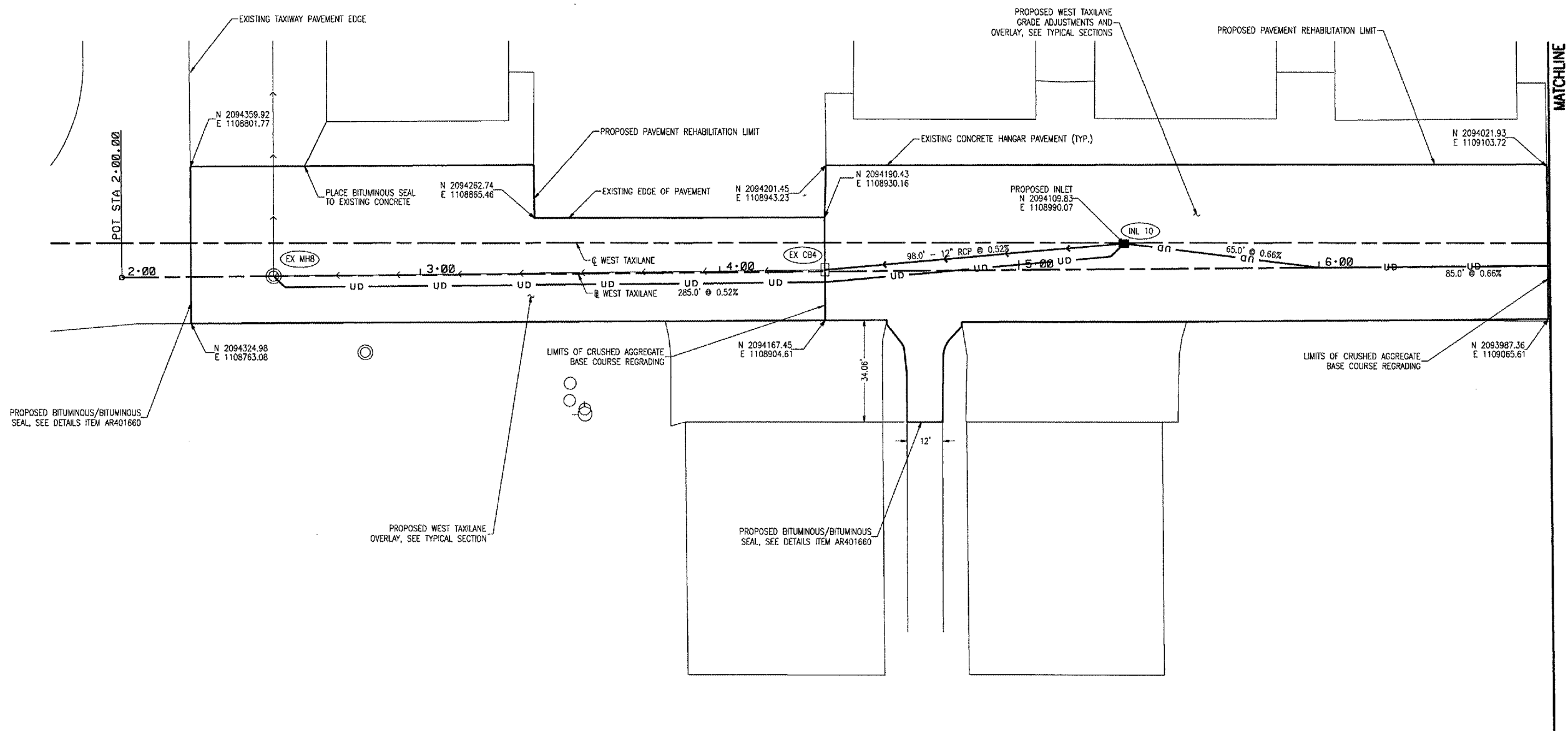
No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2006
Sheet Title

SAWCUTTING AND
PAVEMENT REMOVAL
STA 29+00 TO STA 32+22.17

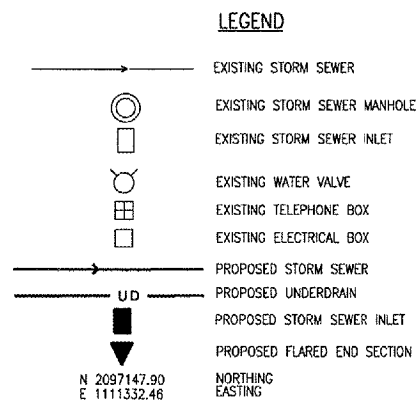
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Project Number
RPH 11/16/06
Layout By Date
RPH 11/15/06
Designed By Date
RPH/RMH 04/04/06
Reviewed By Date
SJM DSY --
Drawn By Sheet No.

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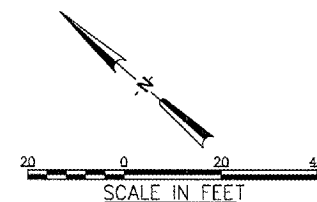
ALIGNMENT DATA

DESCRIPTION	STATION	STATE PLANE COORDINATES	
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POT BEGINNING OF WEST TAXIWAY	2+00.00	2094352.62	1108759.03
POT ENDING OF WEST TAXIWAY	7+40.00	2093952.08	1109121.20
POT BEGINNING OF EAST TAXIWAY	8+00.00	2094491.58	1108905.99
POT ENDING OF EAST TAXIWAY	13+32.91	2094094.74	1109261.67



NOTES

- FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.
- CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
- ALIGNMENT AND COORDINATES IS BASED ON STATE PLANE COORDINATES.
- THE CONTRACTOR SHALL PLACE PROPOSED TAXILANE PAVEMENT MARKINGS AFTER BITUMINOUS PAVEMENT SURFACING. THE PAVEMENT MARKING SHALL BE 1" CONTINUOUS YELLOW PLACED ALONG THE CENTERLINE OF THE TAXILANE BEGINNING AT THE NEW PAVED SURFACE TO END OF THE WEST EDGE OF THE TAXILANE. RESIDENT ENGINEER TO APPROVE MARKING LIMITS BEFORE CONTRACTOR PROCEEDS. PAVEMENT MARKINGS SHALL BE PAID FOR UNDER ITEM AR620520.



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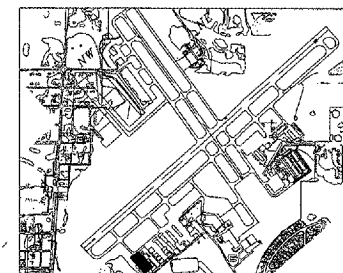
Waukegan Regional Airport
Waukegan Regional Port District

3580 North McAree Road
Waukegan, Illinois 60087
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WAUKEGAN REGIONAL AIRPORT

**REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD**

IDA PROJECT NO. UGN-3601



KEY MAP

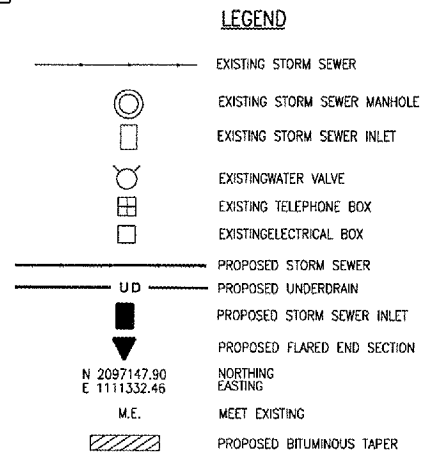
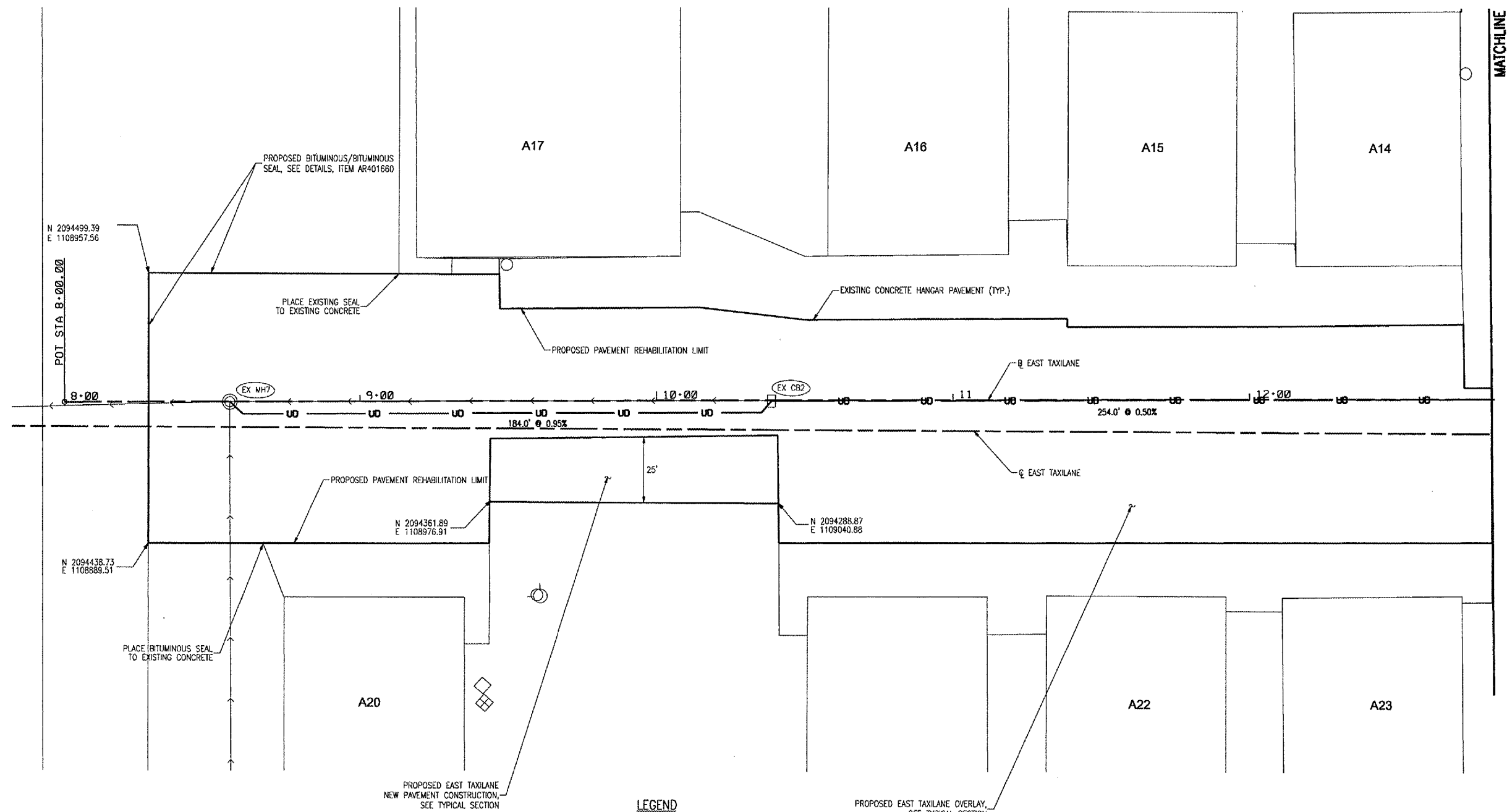
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Date
APRIL 21, 2006
Sheet Title

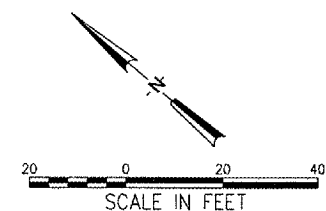
PLAN - WEST TAXILANE

831-04TXVD	Project Number
RPH	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RPH/RPH	04/04/06
Reviewed By	Date
SJM	
Drawn By	Sheet No.

05/01/2006, 08:32 AM LDH
I:\04\Jobs\0083103104\TXYP Taxilanes Re-design (June 2005)\Civil\Sheet16 Plan Hangar 02.dgn



- NOTES**
- FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.
 - CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
 - ALIGNMENT AND COORDINATES IS BASED ON STATE PLANE COORDINATES.
 - THE CONTRACTOR SHALL PLACE PROPOSED TAXILANE PAVEMENT MARKINGS AFTER BITUMINOUS PAVEMENT SURFACING. THE PAVEMENT MARKING SHALL BE 1' CONTINUOUS YELLOW PLACED ALONG THE CENTERLINE OF THE TAXILANE BEGINNING AT THE NEW PAVED SURFACE TO THE END OF THE WEST EDGE OF THE TAXILANE. RESIDENT ENGINEER TO APPROVE MARKING LIMITS BEFORE CONTRACTOR PROCEEDS. PAVEMENT MARKINGS SHALL BE PAID FOR UNDER ITEM AR620520.
 - SEE PLAN - WEST TAXILANE FOR ALIGNMENT DATA.



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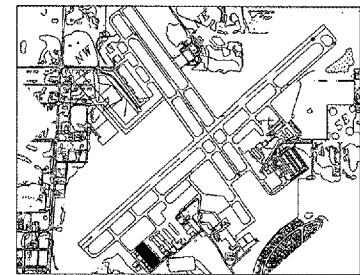


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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2006

Sheet Title

PLAN - EAST TAXILANE

831-04TXYP	
Project Number	
RPH	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RPH/RMH	04/04/06
Reviewed By	Date
—	SJM
Drawn By	Sheet No.



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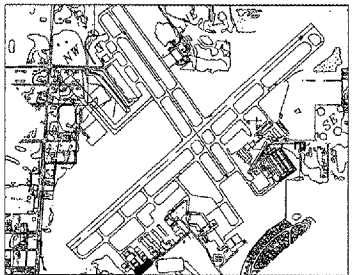


Waukegan Regional Airport
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REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

IL. PROJ.: UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

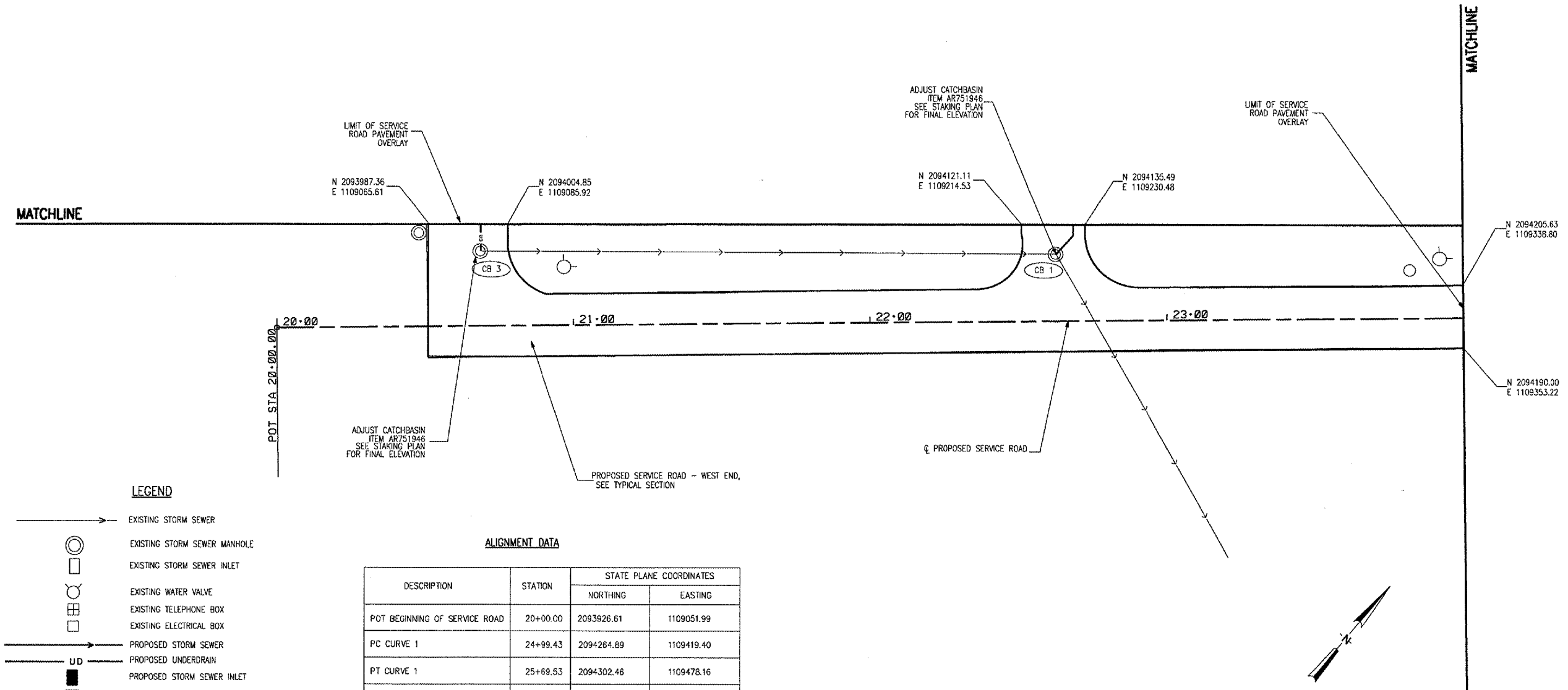
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APRIL 21, 2006
Sheet Title

SERVICE ROAD PLAN STA 20+50 TO 24+00

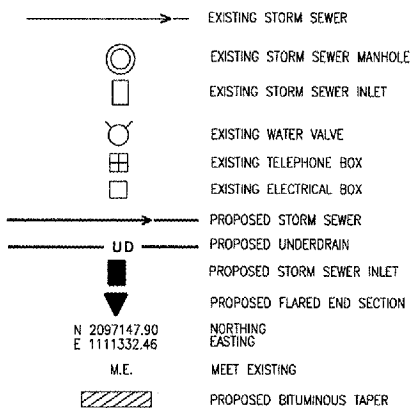
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Project Number
RPH 02/28/05
Layout By Date
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Designed By Date
RMH/RPH 04/04/06
Reviewed By Date
SJM DSY
Drawn By

17

Sheet No.



LEGEND

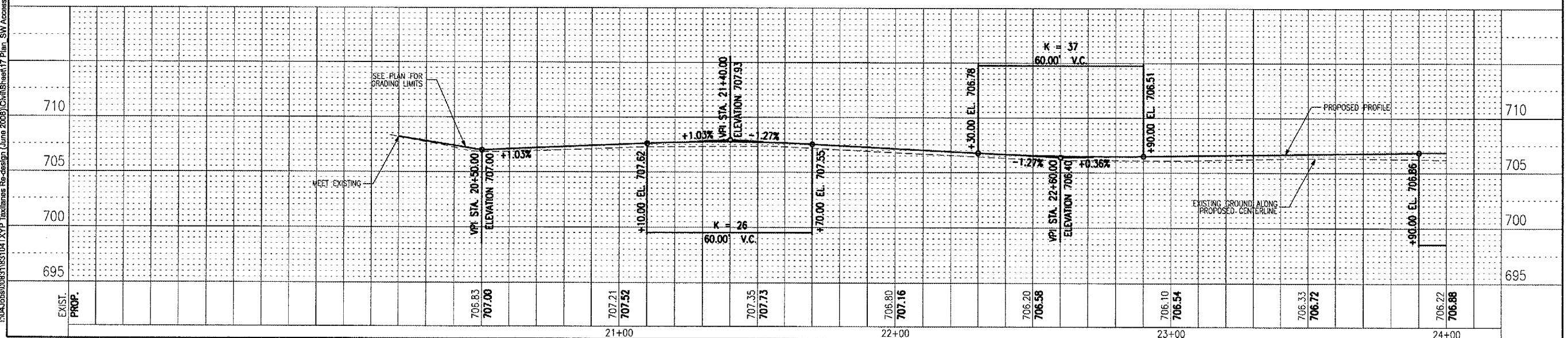
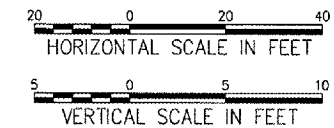


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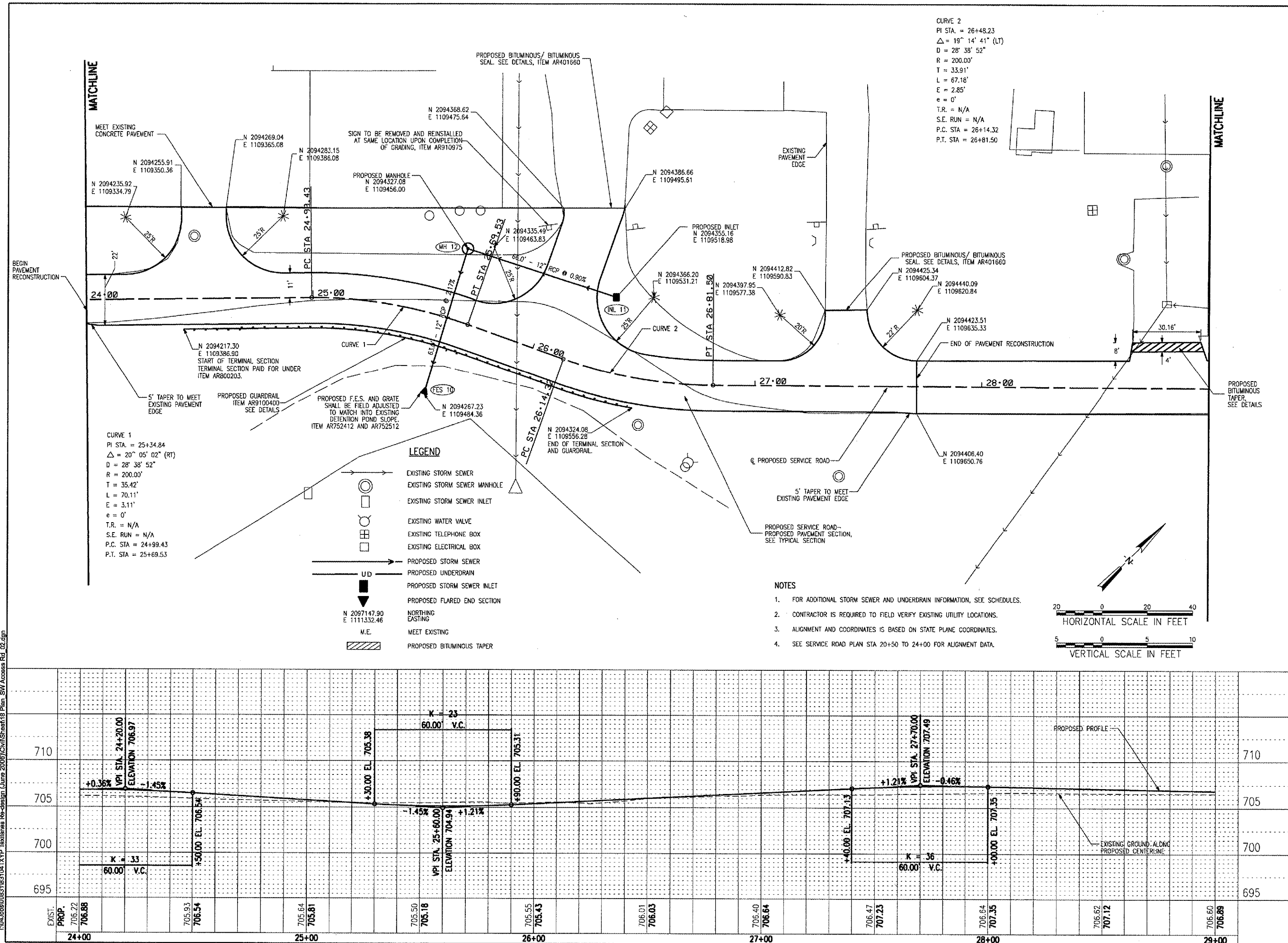
DESCRIPTION	STATION	STATE PLANE COORDINATES	
		NORTHING	EASTING
POT BEGINNING OF SERVICE ROAD	20+00.00	2093926.61	1109051.99
PC CURVE 1	24+99.43	2094264.69	1109419.40
PT CURVE 1	25+69.53	2094302.46	1109478.16
PC CURVE 2	26+14.39	2094319.64	1109519.53
PT CURVE 2	26+81.50	2094355.25	1109576.12
POT BEGINNING OF SERVICE ROAD	33+60.27	2094807.64	1110082.15

NOTES

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- ALIGNMENT AND COORDINATES IS BASED ON STATE PLANE COORDINATES.
- FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.



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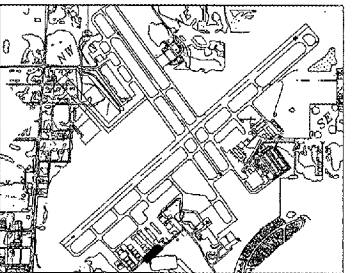


Waukegan Regional Airport
Waukegan Regional Port District

3580 North McAree Road
Waukegan, Illinois 60087
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REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

IL PROJ.: UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2006
Sheet Title

SERVICE ROAD PLAN STA 24+00 TO STA 29+00

831-04TXD

Project Number

RPH 02/28/05

Layout By Date

RPH 02/28/05

Designed By Date

RMH/TMM 04/04/06

Reviewed By Date

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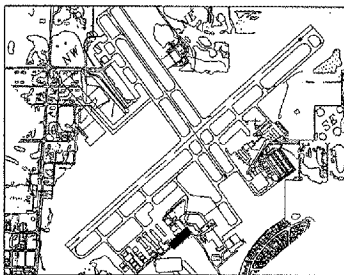


Waukegan Regional Airport
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REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

IL. PROJ.: UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2006

Sheet Title

SERVICE ROAD PLAN STA 29+00 TO STA 33+22.17

831-04TXVD

Project Number

RPH 02/28/05

Layout By Date

RPH 02/28/05

Designed By Date

RMH/TMM 04/04/06

Reviewed By Date

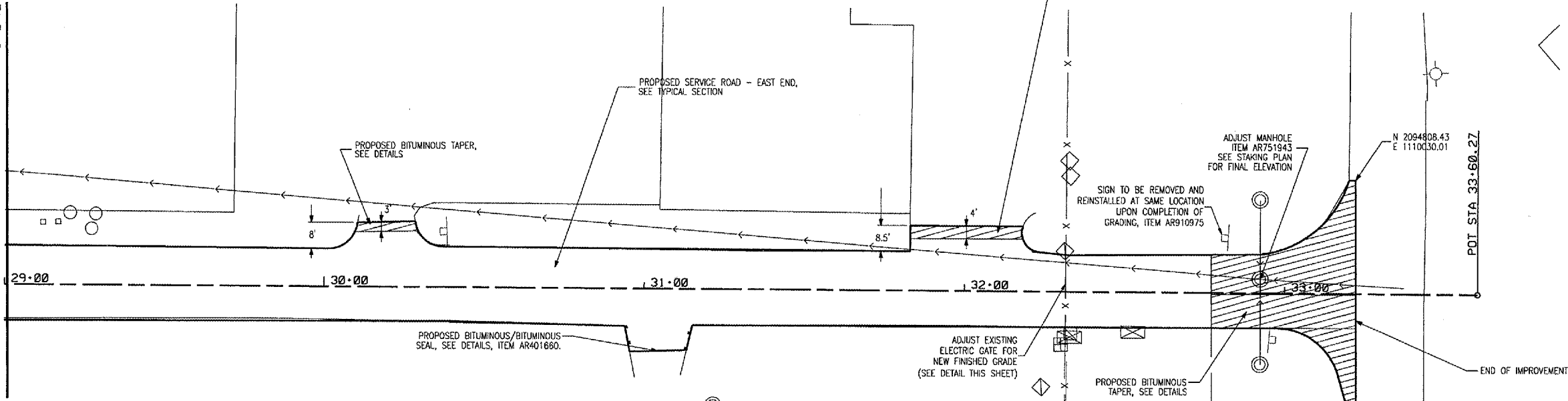
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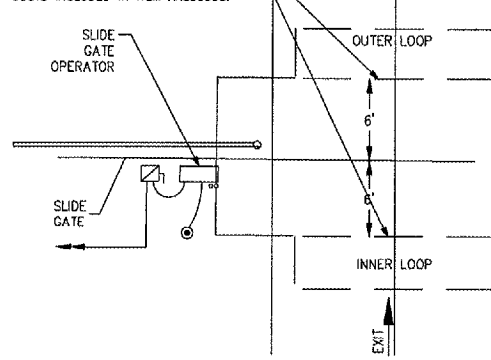
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MATCHLINE

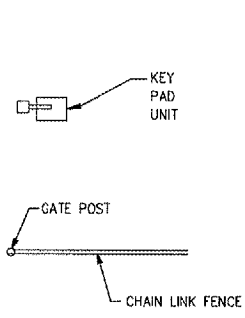


NEW DETECTOR LOOPS IN NEW SURFACE COURSE. CONNECT TO EXISTING GATE OPERATOR. SEE SPECIAL PROVISIONS FOR CABLE AND CONDUIT REQUIREMENTS. COSTS INCLUDED IN ITEM AR880995.



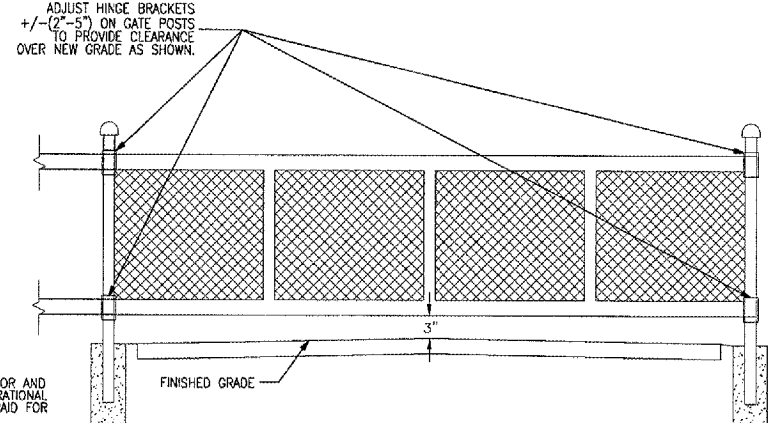
VEHICLE DETECTOR LOOPS		
GATE SIZE	LOOP SIZE	NO. OF TURNS
20' TO 24'	4' X 18'	2 TURNS

PLAN VIEW



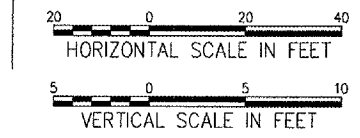
NOTE: CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS TO PROVIDE A FULLY OPERATIONAL GATE AT THE ADJUSTED LOCATION. PAID FOR UNDER ITEM AR800995

ADJUST VEHICLE GATE (ITEM AR800995)



LEGEND

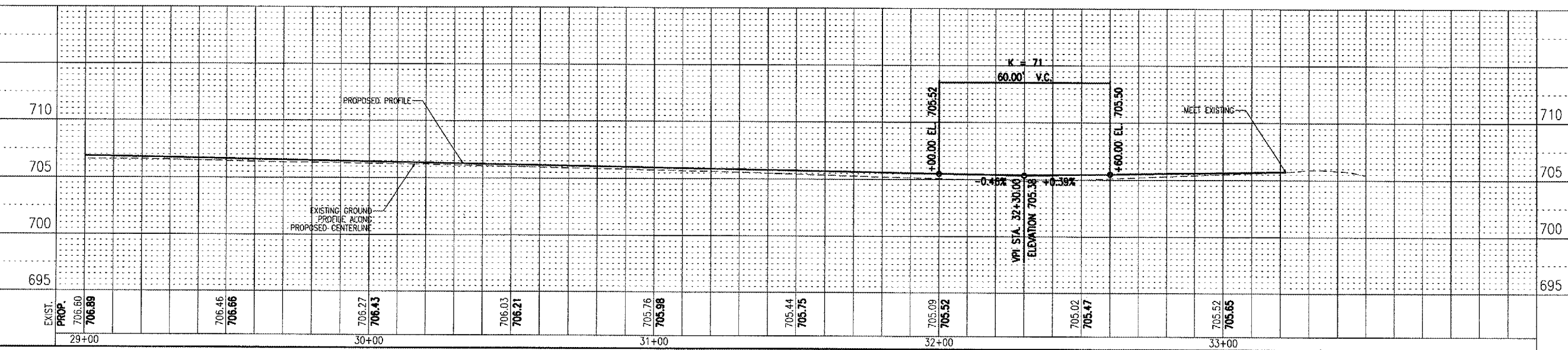
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- EXISTING WATER VALVE
- EXISTING TELEPHONE BOX
- EXISTING ELECTRICAL BOX
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED STORM SEWER INLET
- PROPOSED FLARED END SECTION
- NORTHING EASTING
- MEET EXISTING
- PROPOSED BITUMINOUS TAPER



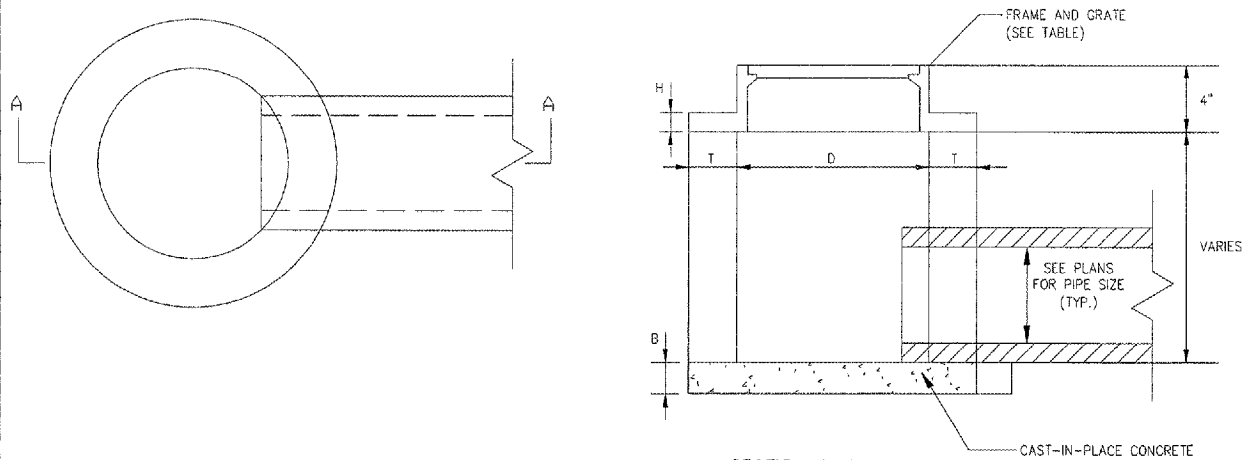
NOTES

- FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.
- CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
- ALIGNMENT AND COORDINATES IS BASED ON STATE PLANE COORDINATES.
- SEE SERVICE ROAD PLAN STA 20+50 TO 24+00 FOR ALIGNMENT DATA.

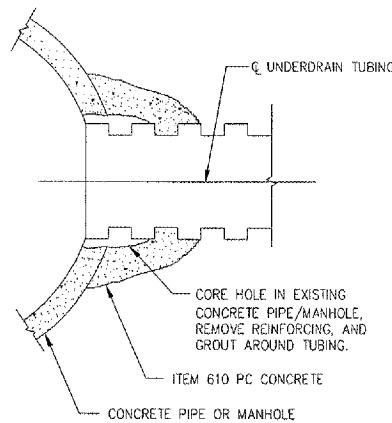
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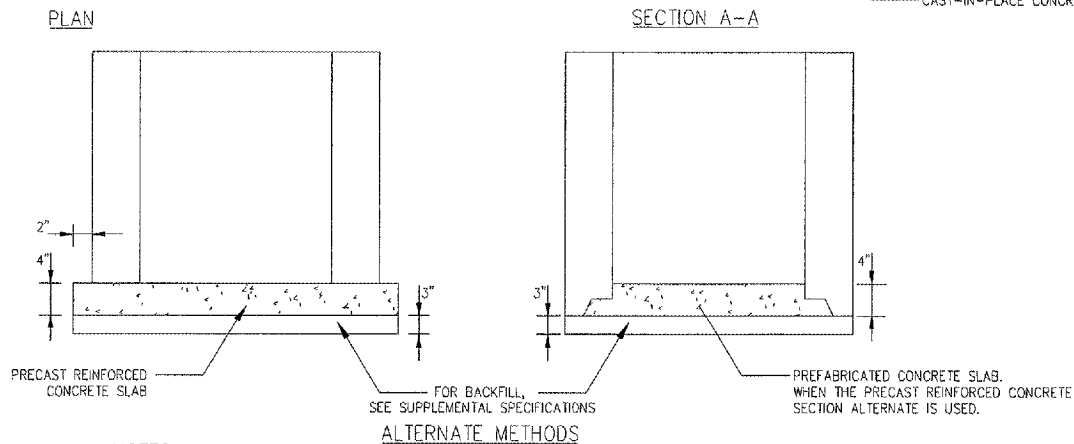
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N04Jobs\0083183104TXYD Taxilanes Re-design (June 2006)\Civil\Sheet21 Drainage Details 01.dgn
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- NOTES**
1. FOR STRUCTURE LOCATIONS SEE STORM SEWER SCHEDULE.
 2. FRAME AND GRATE, ADJUSTING RINGS OR RISER SHALL BE MORTARED.
 3. ALL MANHOLE AND INLET STRUCTURES TO BE PRECAST.

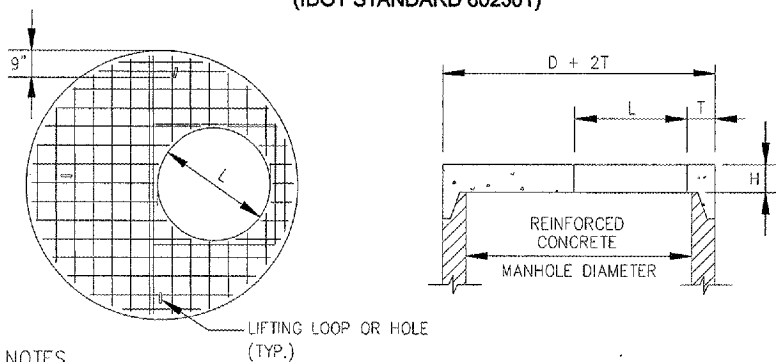


**STORM SEWER CONCRETE COLLAR
AND GROUT CONNECTION**



- NOTES**
1. SEE DRAINAGE AND UNDERDRAIN SCHEDULE FOR LOCATION, SIZE AND NUMBER OF PIPE CONNECTIONS.
 2. INLETS TO BE PRECAST REINFORCED CONCRETE SECTIONS (T = 3").

**INLET TYPE A
(IDOT STANDARD 602301)**

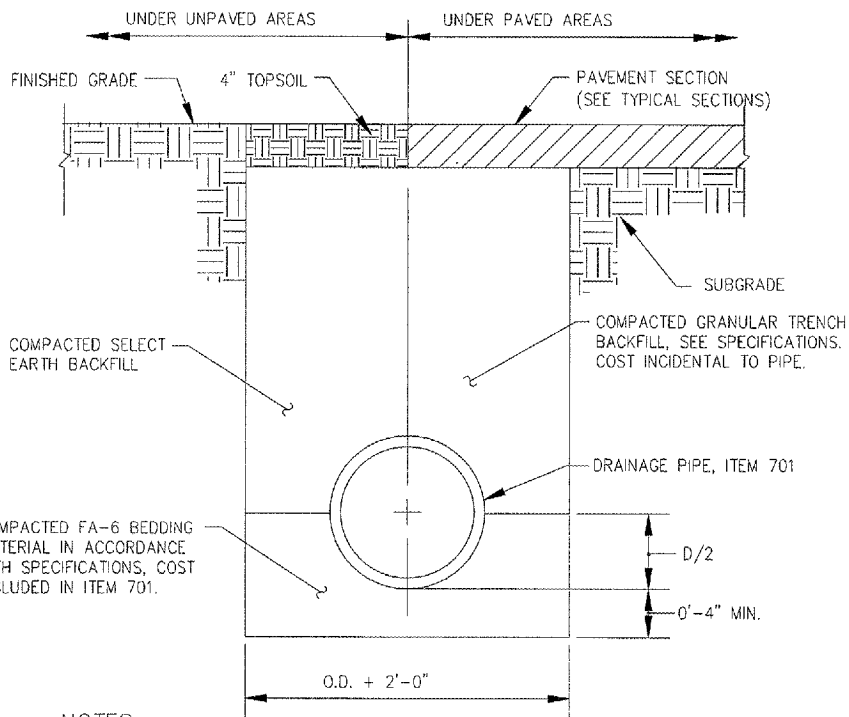


- NOTES**
1. ADDITIONAL TOP AND BOTTOM BARS PLACED ADJACENT TO ACCESS HOLE.
 2. MINIMUM 1" COVER ON STEEL BARS.
 3. THREE LIFTING LOOPS OR HOLES.
 4. MINIMUM STEEL REINFORCEMENT IN EACH DIRECTION TO BE WWF 1.06 SQ. IN./FT. IN ACCORDANCE WITH AASHTO M199 AND IDOT STANDARDS.
 5. FOR "L" DIMENSION SEE STORM SEWER SCHEDULES.

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

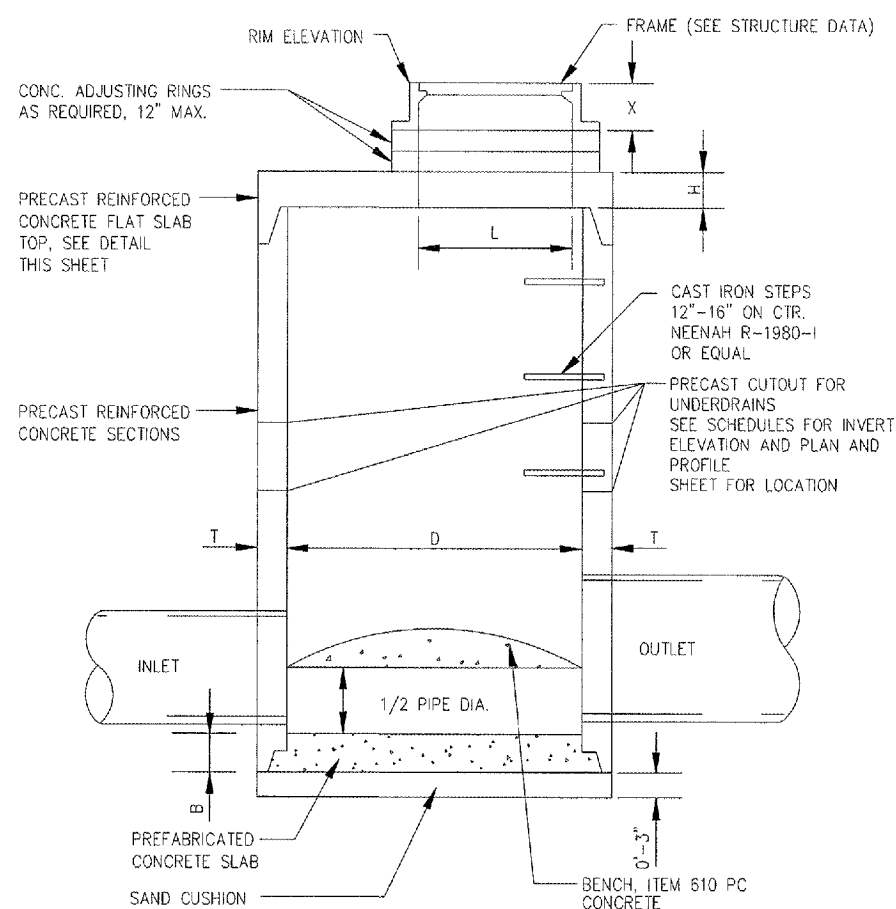
STRUCTURE DATA

STRUCTURE NUMBER	STRUCTURE TYPE	INSIDE DIA. "D" (IN.)	WALL THICKNESS "T" (IN.)	TOP THICKNESS "H" (IN.)	BOTTOM THICKNESS "B" (IN.)	FRAME HEIGHT "X" (IN.)	HOLE OPENING "L" (IN.)	FRAME TYPE (EAST JORDAN)	COVER/GRATE (EAST JORDAN)
INL 10	INLET	24	3	---	4	6	24	1020	TYPE M1
INL 11	INLET	24	3	---	4	6	24	1020	TYPE M1
MH 12	MANHOLE	48	5	6	6	6	24	1020	TYPE M1
FES 10	F.E.S.	12	---	---	---	---	---	---	SEE DETAIL



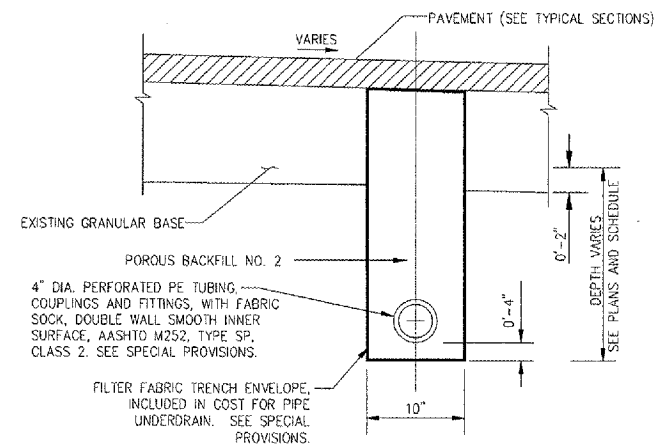
- NOTES**
1. UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND REPLACED.
 2. WITHIN 3 FEET OF PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.
 3. AT CONTRACTOR'S OPTION IDOT CONTROLLED LOW STRENGTH MATERIAL WITH A HIGH EARLY STRENGTH, "FLASH FILL", MAY BE USED INSTEAD OF GRANULAR TRENCH BACKFILL UNDER PAVEMENTS.

PIPE TRENCH



- NOTES**
1. FOR FRAME AND LID INFORMATION SEE STRUCTURE DATA.
 2. CENTER OF FRAME TO BE USED FOR LOCATING STRUCTURE. FOR STRUCTURE LOCATIONS AND ADDITIONAL INFORMATION SEE SCHEDULE.
 3. ALL STRUCTURES TO BE PRECAST REINFORCED CONCRETE SECTIONS; BENCHES MAY BE CAST IN PLACE.

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



UNDERDRAIN UNDER PAVEMENT

DETAILS SHOWN ARE NOT TO SCALE

WA056



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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601

No.	Drawing Issue Description	Date	By

Date
Sheet Title
APRIL 21, 2006

DRAINAGE DETAILS

831-04TXYD
Project Number
SJM 11/15/05
Layout By Date
RPH 11/15/05
Designed By Date
RMH/RPH 04/04/06
Reviewed By Date
SJM
Drawn By

21

Sheet No.



HANSON PROFESSIONAL SERVICES INC.
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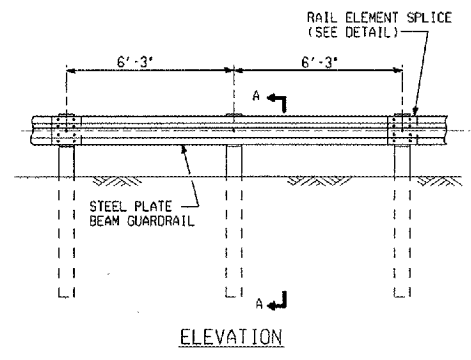


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WAUKEGAN REGIONAL AIRPORT

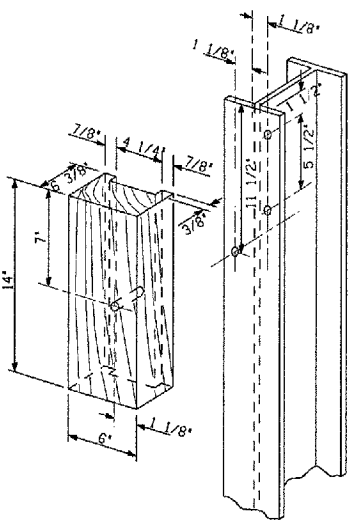
REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601

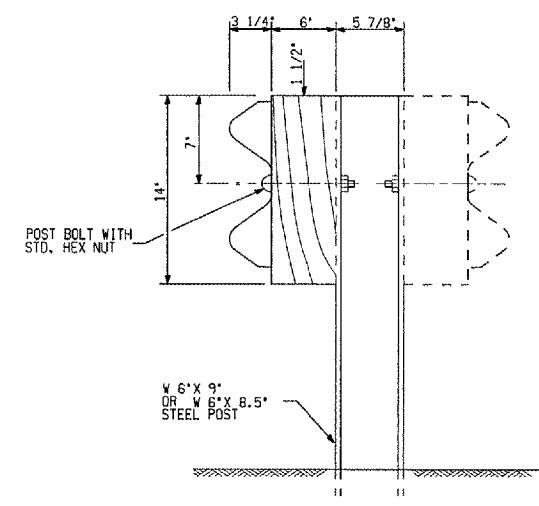


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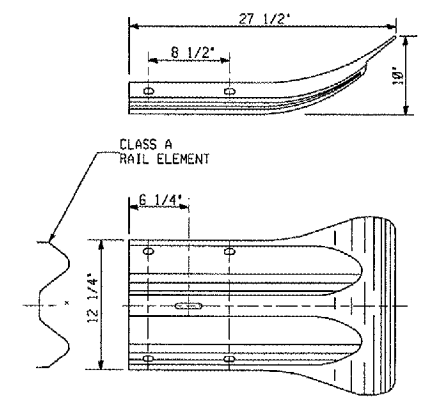
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6'-3" TYPICAL POST SPACING



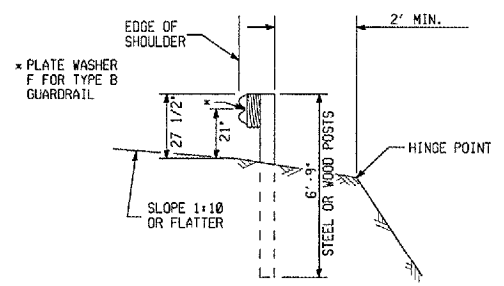
WOOD BLOCK-OUT AND
STEEL POST DETAILS



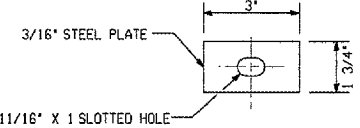
STEEL POST CONSTRUCTION



END SECTION

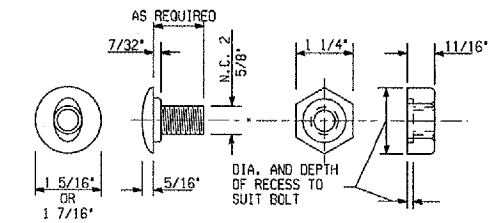


SECTION A-A



NOTE
PLATE WASHER F SHALL BE USED ON TYPE
A GUARDRAIL ONLY WHERE SPECIFIED. PLATE
WASHER F SHALL BE USED AT ALL OTHER
LOCATIONS WHERE RAIL ELEMENT IS BOLTED
TO A BLOCK-OUT UNLESS OTHERWISE NOTED.

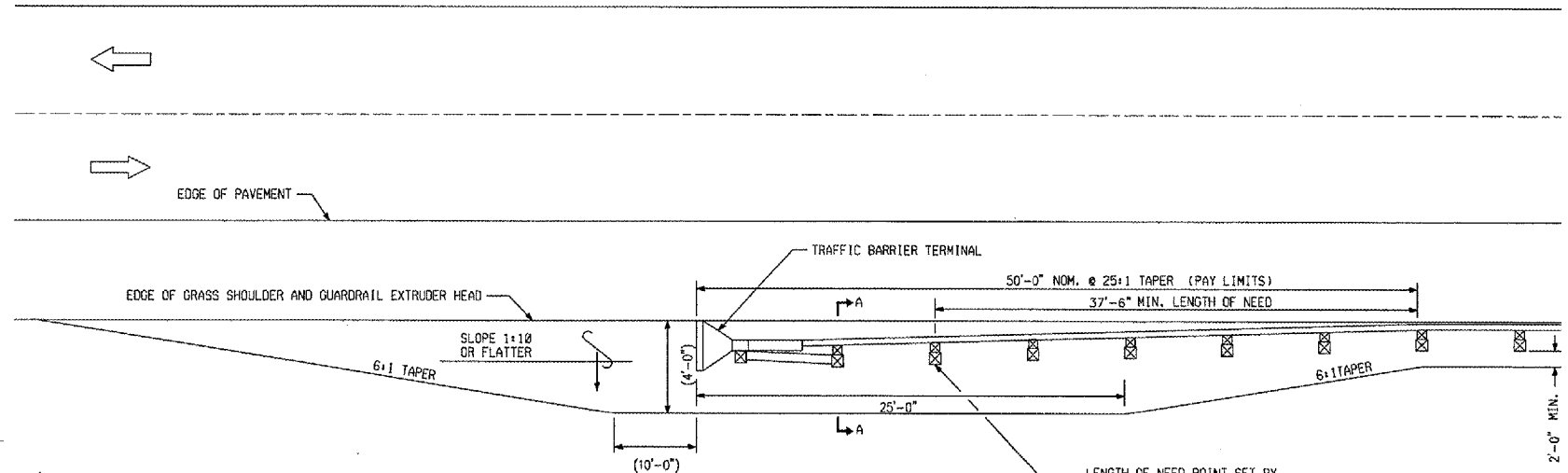
PLATE WASHER F



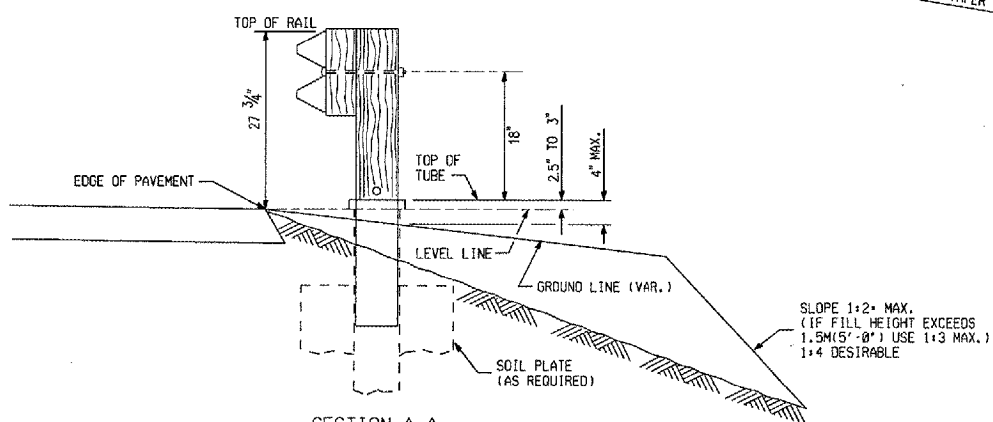
POST OR SPLICE BOLT & NUT

DETAILS SHOWN ARE NOT TO SCALE

IDOT STANDARD 630001-05



TRANSITION FOR TANGENT TERMINAL
TERMINAL PAID UNDER ITEM AR 800203



SECTION A-A

GENERAL NOTES
25:1 TAPER REQUIRED SO THE GUARDRAIL
HEAD WILL NOT ENCRGOACH ON THE SHOULDER.

DETAILS SHOWN ARE NOT TO SCALE

MODIFIED IDOT STANDARD 630301-03

No.	Drawing Issue Description	Date	By

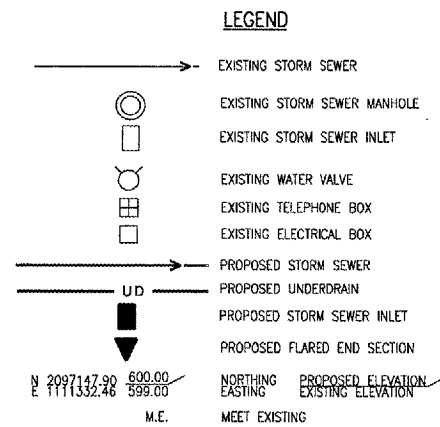
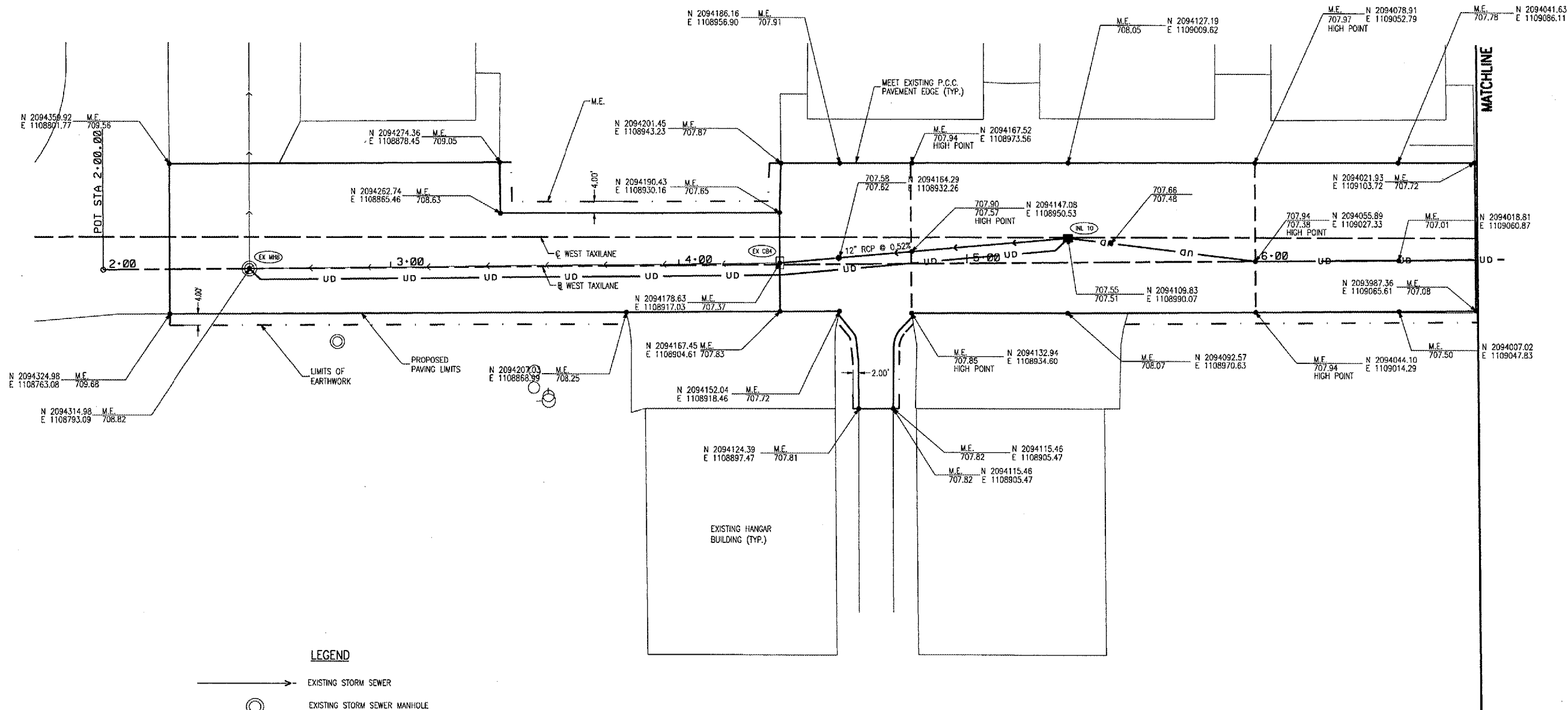
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APRIL 21, 2006
Sheet Title

GUARDRAIL DETAILS

831-04TXD	Project Number
RPH	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RPH/RMH	04/04/06
Reviewed By	Date
SJM	DSY
Drawn By	Sheet No.

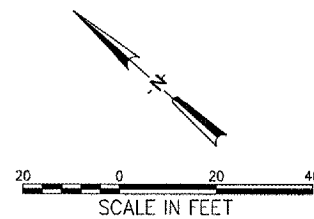
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NOTES

1. FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.
2. CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
3. ALIGNMENT AND COORDINATES ARE BASED ON STATE PLANE COORDINATES.



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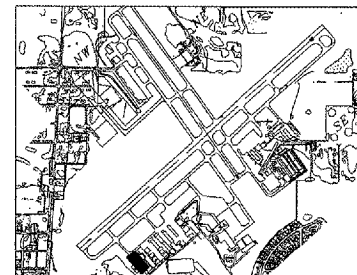
Waukegan Regional Airport
Waukegan Regional Port District

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Waukegan, Illinois 60087
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date
APRIL 21, 2008
Sheet Title

STAKING PLAN - WEST
TAXILANE

831-04TXD	Project Number
11/15/05	Layout By
11/15/05	Design By
04/04/06	Reviewed By
SJM	Drawn By
	Sheet No.



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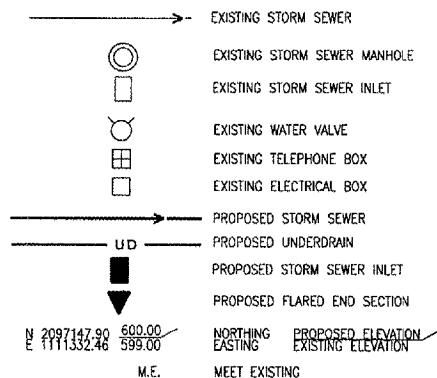
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TAXILANES AND SERVICE
ROAD

No.	Drawing Issue Description	Date	By

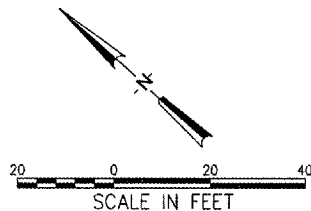
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831-04TXDY
 Project Number
 RPH 11/15/05
 Layout By Date
 RPH 11/15/05
 Designed By Date
 RMH/TMM 04/04/06
 Reviewed By Date
 --- SJM ---
 Drawn By

24



1. FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.
2. CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
3. ALIGNMENT AND COORDINATES ARE BASED ON STATE PLANE COORDINATES.



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REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

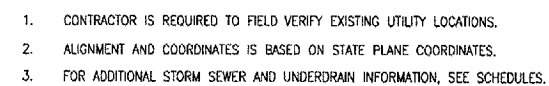
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No.	Drawing Issue Description	Date	By

STAKING PLAN -
SERVICE ROAD
STA 20+50 TO 24+00

831-04TXD		
Project Number		
RPH	11/15/05	
Layout By	Date	
RPH	11/15/05	
Designed By	Date	
RMH/TMM	04/04/06	
Reviewed By	Date	
SJM	--	--
Drawn By	S	

25



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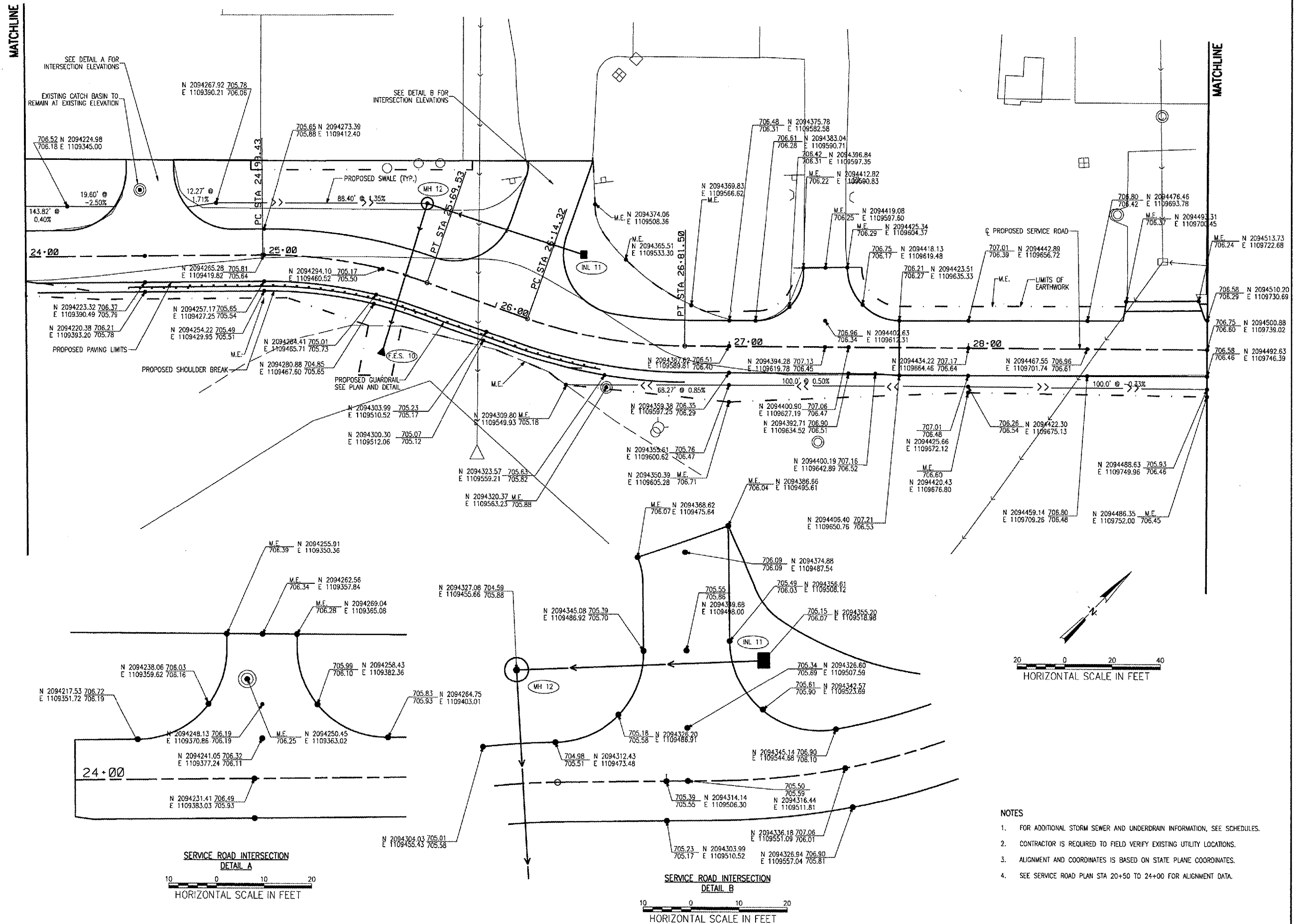
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TAXILANES AND SERVICE
ROAD

No.	Drawing Issue Description	Date	By

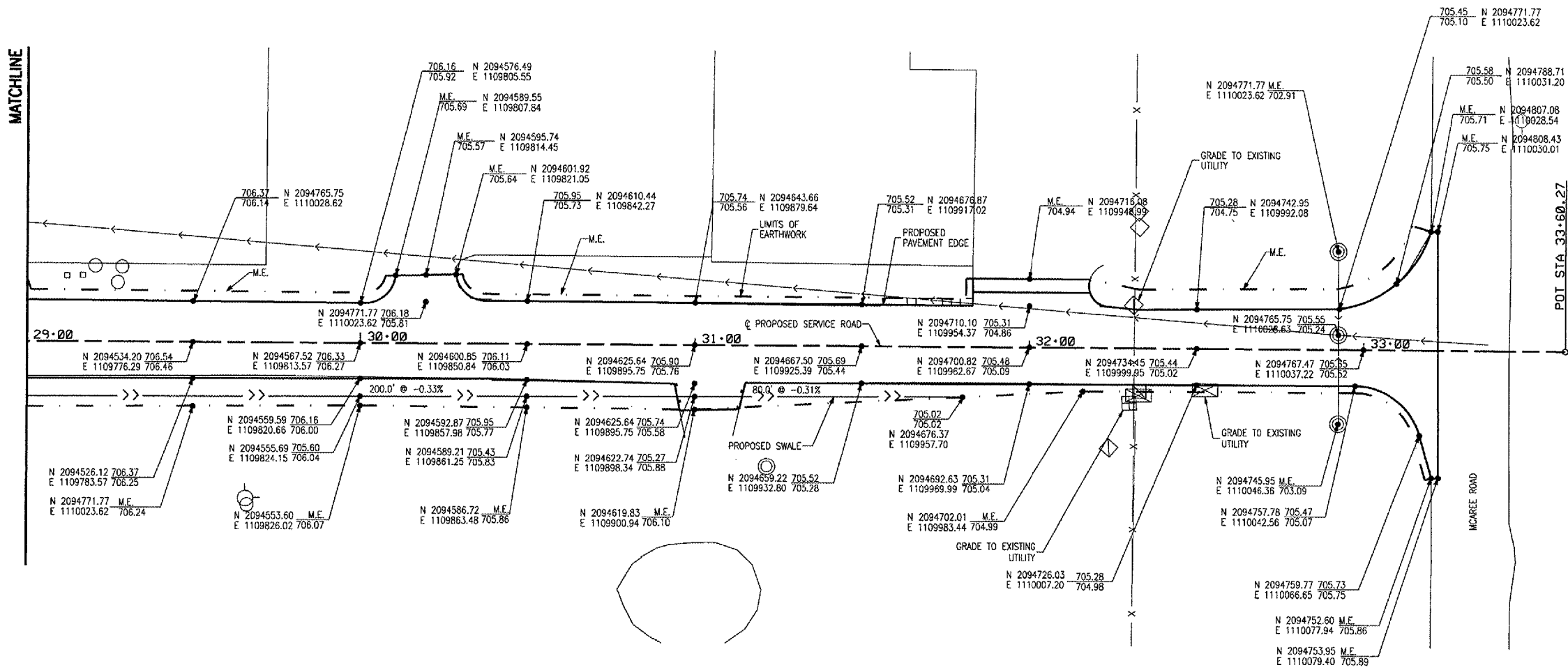
STAKING PLAN -
SERVICE ROAD
STA 24+00 TO STA 29+00

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Sheet No. _____

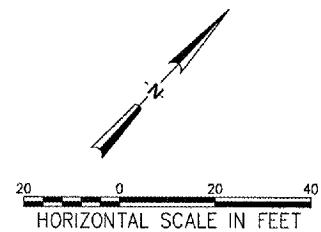


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LDH



NOTES

1. FOR ADDITIONAL STORM SEWER AND UNDERDRAIN INFORMATION, SEE SCHEDULES.
2. CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
3. ALIGNMENT AND COORDINATES IS BASED ON STATE PLANE COORDINATES.
4. SEE SERVICE ROAD PLAN STA 20+50 TO 24+00 FOR ALIGNMENT DATA.



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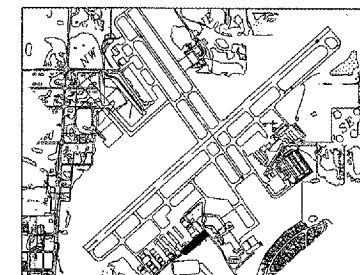
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2006

Sheet Title

STAKING PLAN - SERVICE
ROAD PLAN
STA 29+00 TO STA 33+22.17

831-041XYD	Project Number
RPH	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RPH/RPH	04/04/06
Reviewed By	Date
SJM	DSY
Drawn By	Sheet No.

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REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

No.	Drawing Issue Description	Date	By

Date _____

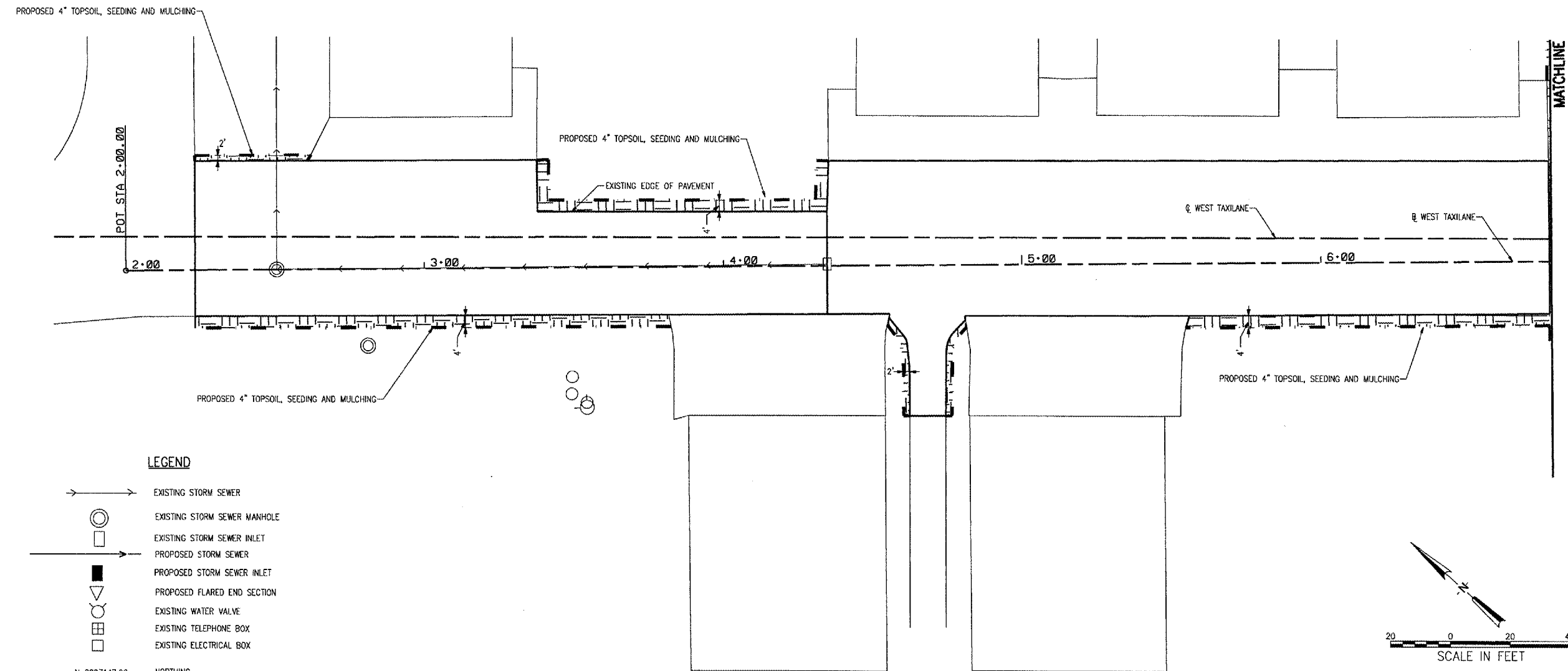
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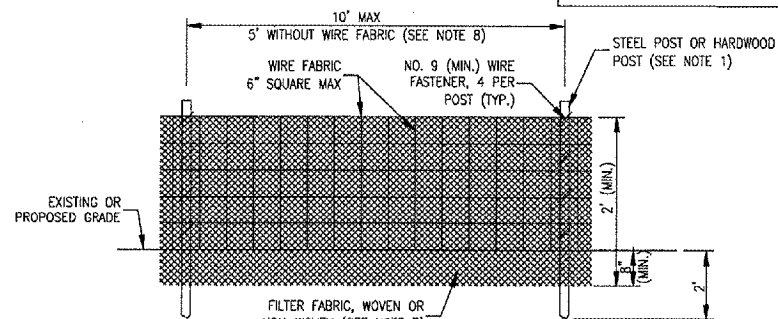
Project Number		
DSY	11/15/05	
Layout By		
RPB	11/15/05	
Designed By		
RMH/SJM	04/04/06	
Reviewed By		
SJM	DSY	---
Drawn By		

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Sheet No. _____



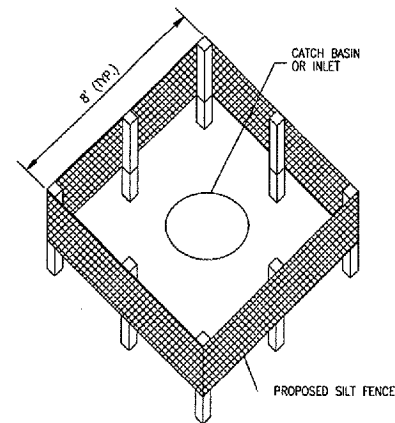
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	EXISTING STORM SEWER INLET
	PROPOSED STORM SEWER
	PROPOSED STORM SEWER INLET
	PROPOSED FLARED END SECTION
	EXISTING WATER VALVE
	EXISTING TELEPHONE BOX
	EXISTING ELECTRICAL BOX
<p>N 2097147.90 E 1111332.46</p>	
M.E.	NORTHING EASTING
	MEET EXISTING
	PROPOSED SILT FENCE
	PROPOSED SEEDING, ITEM AR901510, MULCHING, ITEM AR908510, AND TOPSOIL, ITEM AR905520
	LIMITS OF EARTHWORK, TOPSOIL, SEEDING, AND MULCHING



EXISTING OR
PROPOSED GRADE

1. FENCE POST SHALL BE EITHER STEEL "T" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 3.0 SQUARE INCHES.
2. 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.
3. WIRE FABRIC SHALL BE SECURELY FASTENED TO FENCE POSTS WITH NO. 9 GAGE WIRE MINIMUM. FOUR (4) FASTENERS PER POST REQUIRED.
4. 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.
5. WHEN TWO SECTIONS OF FILTER FABRIC OR ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY A 6" AND FOLDED AND ATTACHED TO THE WIRE FABRIC AT A POST.

5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN THE SILT FENCE.
7. FILTER FABRIC SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
8. WIRE FABRIC MAY BE OMITTED IF A MAXIMUM OF 5 FEET IS USED FOR POST-TO-POST SPACING.
9. 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.
10. FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.



SILT FENCE PLACEMENT AT MANHOLES

INLET PROTECTION DETAIL

NOT TO SCALE

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.

THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STRONG 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 CONSERVATION AND SEDIMENT CONTROL. THE STATE ENVIRONMENTAL PROTECTION AGENCY, CURRENTLY ISSUING THE CONTRACTOR'S ADJUSTED EROSION CONTROL MEASURES, HAS REVIEWED THE EROSION 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.

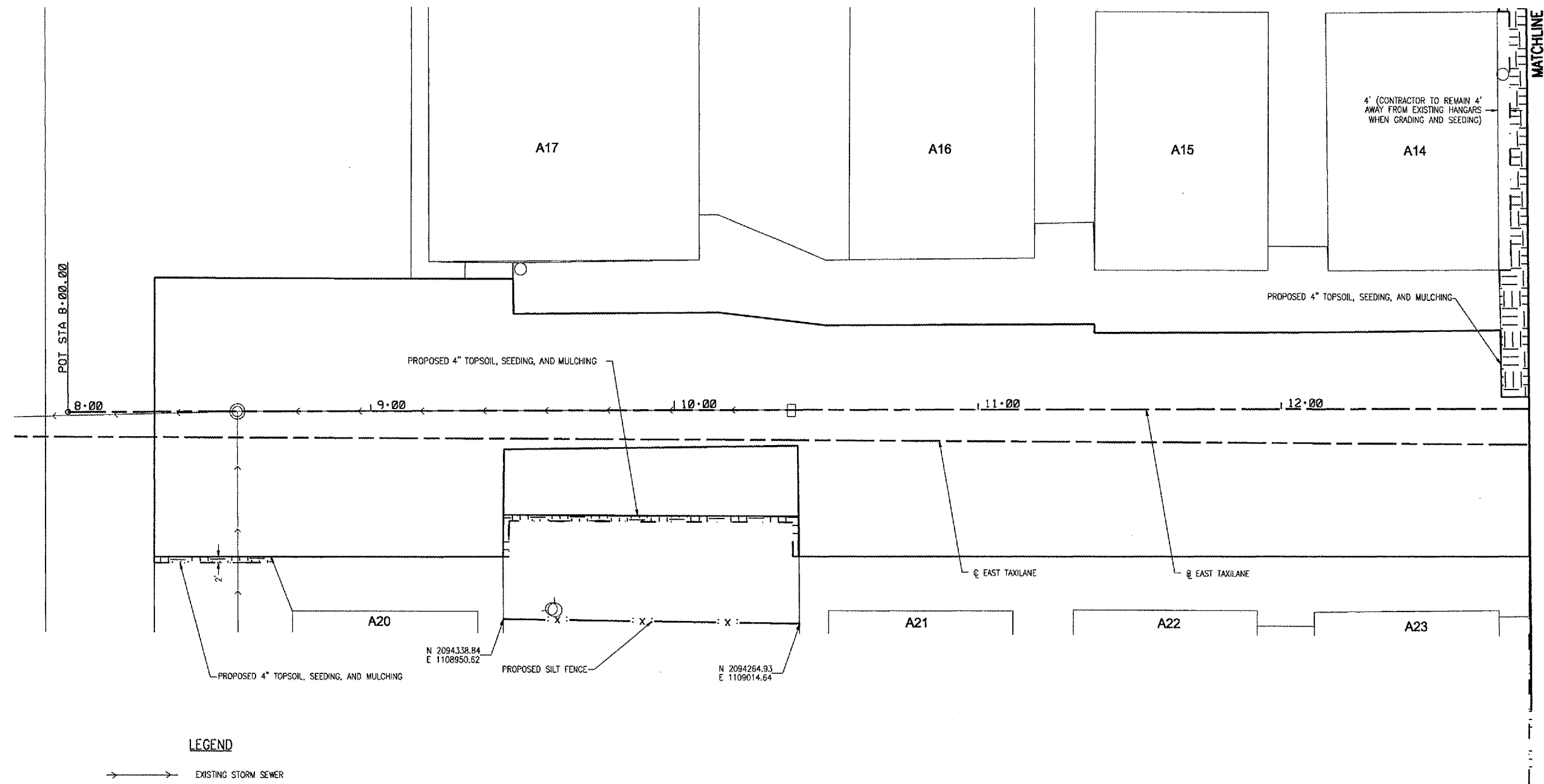
THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.

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

FABRIC ANCHOR DETAIL

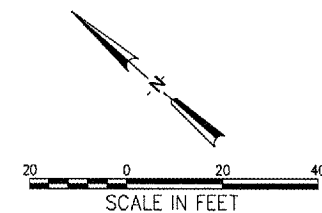
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LEGEND

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- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER INLET
- PROPOSED FLARED END SECTION
- EXISTING WATER VALVE
- EXISTING TELEPHONE BOX
- EXISTING ELECTRICAL BOX
- N 2097147.90
E 1111332.46
NORTHING
EASTING
- M.E.
MEET EXISTING
- PROPOSED SILT FENCE
- PROPOSED SEEDING, ITEM AR901510,
MULCHING, ITEM AR908510, AND TOPSOIL,
ITEM AR905520
- LIMITS OF EARTHWORK, TOPSOIL, SEEDING,
AND MULCHING



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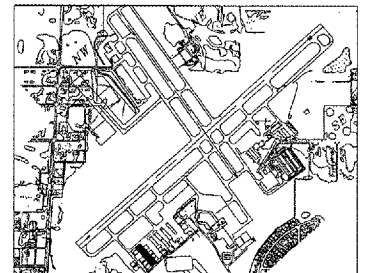
Waukegan Regional Airport
Waukegan Regional Port District

3580 North McAree Road
Waukegan, Illinois 60087
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2006

Sheet Title

STORMWATER POLLUTION
PREVENTION AND
LANDSCAPE PLAN
EAST TAXILANE

831-04TXD

Project Number

DSY 11/15/05

Layout By Date

RPH 11/15/05

Designed By Date

RMR/RPH 04/04/06

Reviewed By Date

SJM DSY

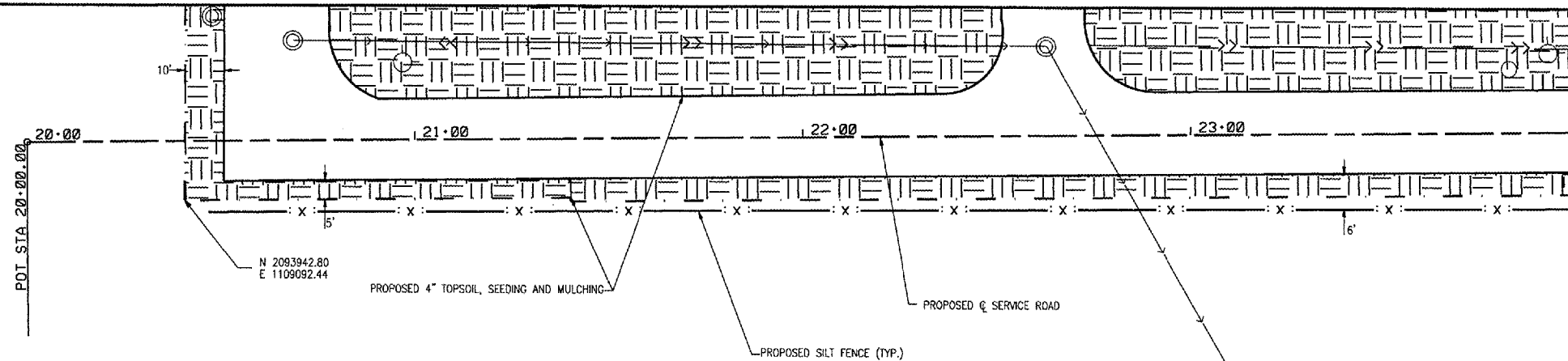
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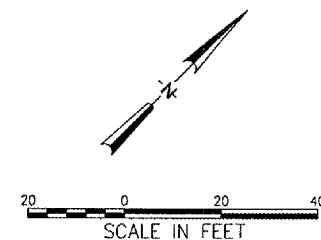
MATCHLINE

MATCHLINE



LEGEND

- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER INLET
- PROPOSED FLARED END SECTION
- EXISTING WATER VALVE
- EXISTING TELEPHONE BOX
- EXISTING ELECTRICAL BOX
- N 2097147.90
E 1111332.46
M.E.
- NORTHING
EASTING
- MEET EXISTING
- PROPOSED SILT FENCE
- PROPOSED SEEDING, ITEM AR901510,
MULCHING, ITEM AR908510, AND TOPSOIL,
ITEM AR905520
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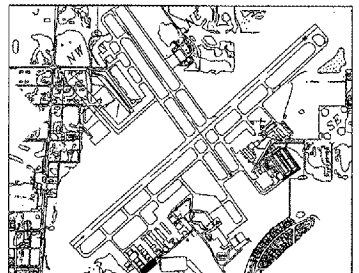
Waukegan Regional Airport
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

No.	Drawing Issue Description	Date	By

Date

APRIL 21, 2006

Sheet Title

STORMWATER POLLUTION
PREVENTION AND
LANDSCAPE PLAN
SERVICE ROAD
STA 20+00 TO STA 24+00

831-04TXVD

Project Number

RPH 11/15/06

Layout By Date

RPH 11/15/06

Designed By Date

TMM/RMH 04/04/06

Reviewed By Date

RPH DSY SJM

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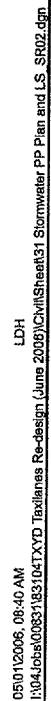
REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

No.	Drawing Issue Description	Date	By

**STORMWATER POLLUTION
PREVENTION AND
LANDSCAPE PLAN
SERVICE ROAD
STA 24+00 TO STA 29+00**

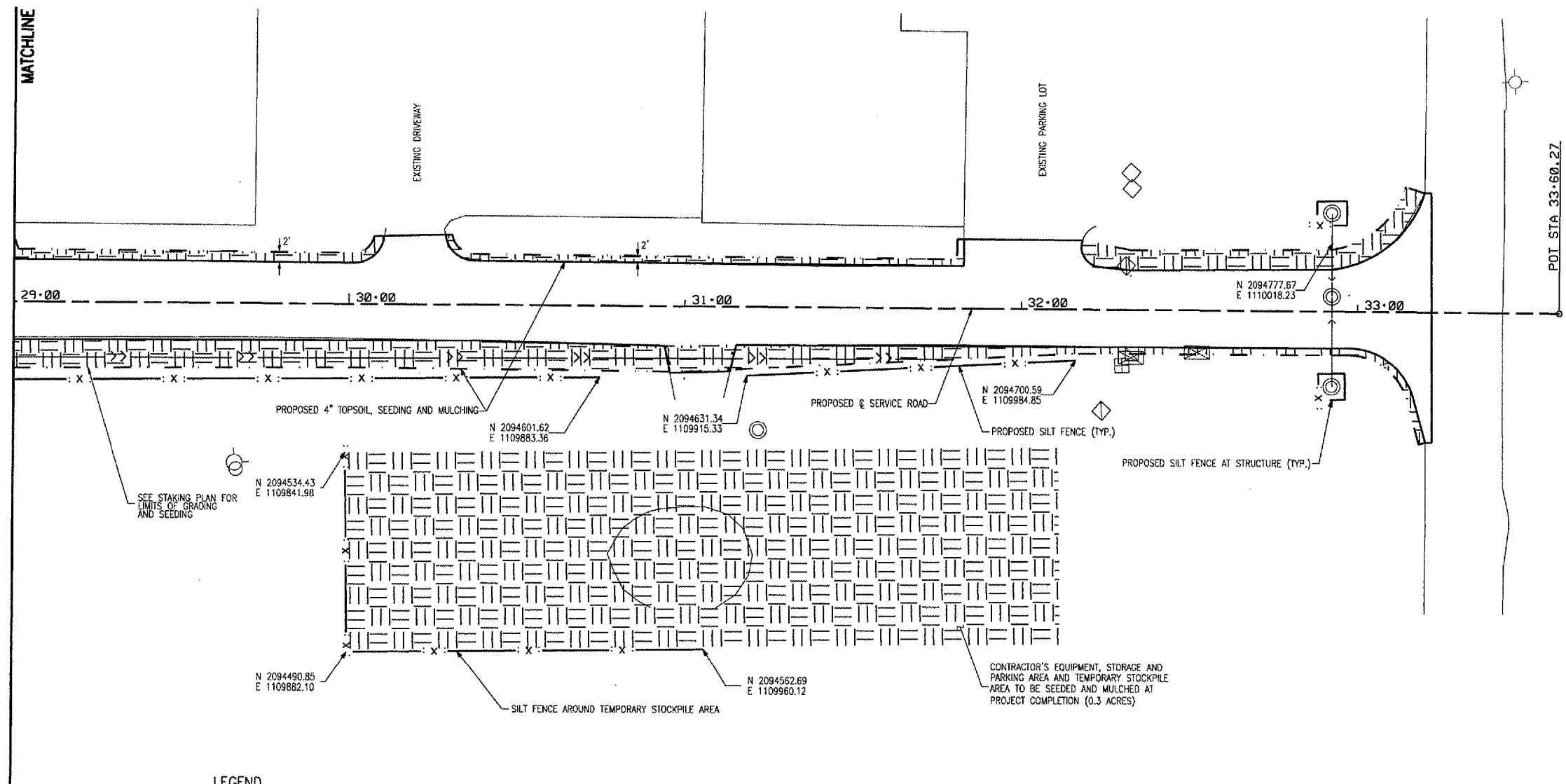
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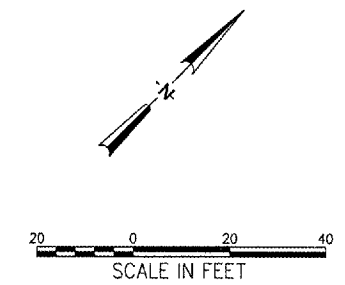
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LEGEND

- → → → → EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET
- → → → → PROPOSED STORM SEWER
- PROPOSED STORM SEWER INLET
- ▽ PROPOSED FLARED END SECTION
- EXISTING WATER VALVE
- EXISTING TELEPHONE BOX
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- N 2097147.90
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M.E. NORTHING
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- X — PROPOSED SILT FENCE
- SEEDING, ITEM AR901510,
MULCHING, ITEM AR908510, AND TOPSOIL,
ITEM AR905520 PROPOSED SEEDING, ITEM AR901510,
MULCHING, ITEM AR908510, AND TOPSOIL,
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- — — LIMITS OF EARTHWORK, TOPSOIL, SEEDING,
AND MULCHING



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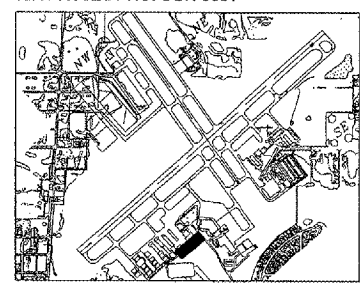
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR
TAXILANES AND SERVICE
ROAD

IDA PROJECT NO. UGN-3601



KEY MAP

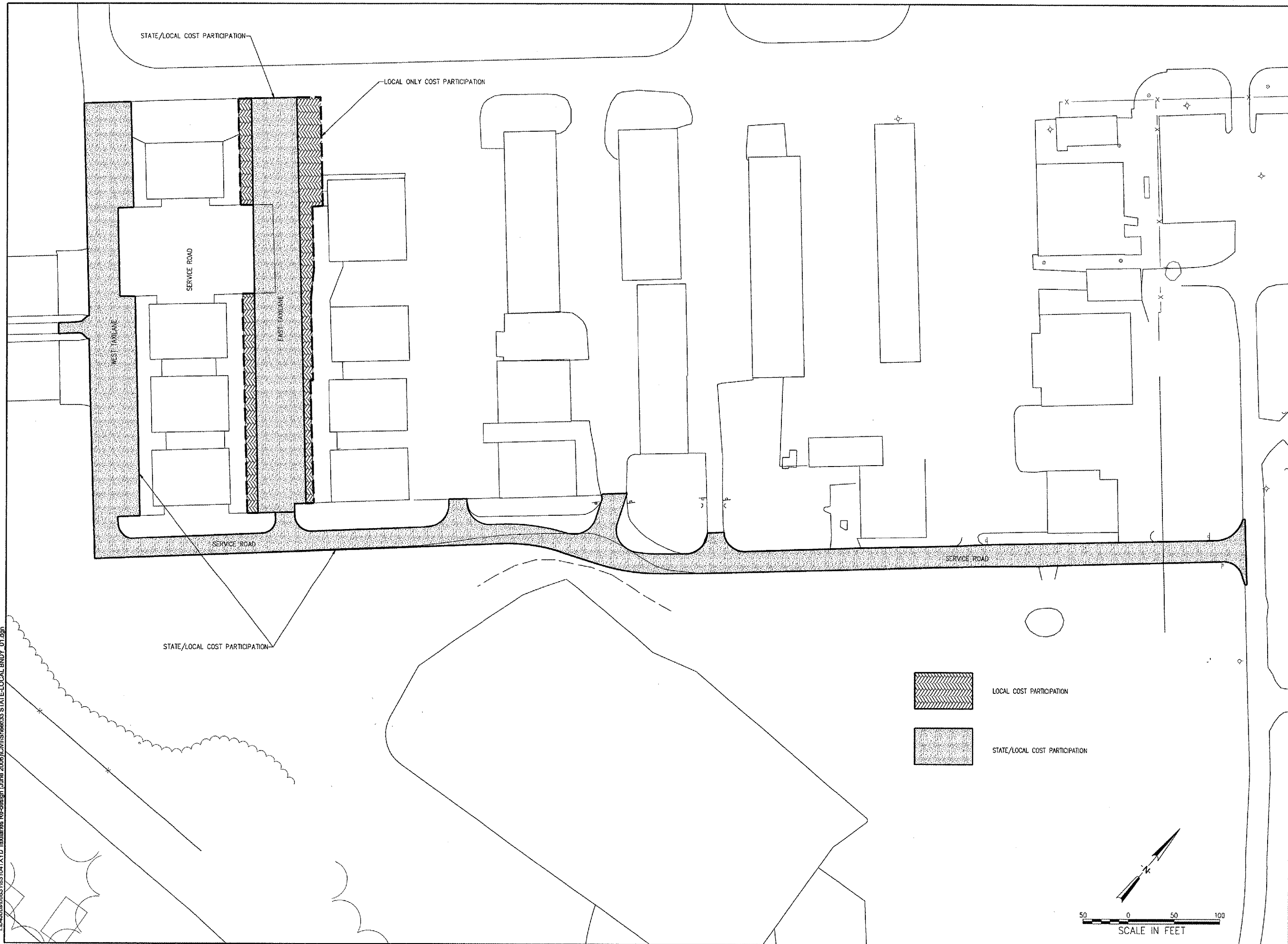
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Date
APRIL 21, 2006
Sheet Title

STORMWATER POLLUTION
PREVENTION AND
LANDSCAPE PLAN
SERVICE ROAD
STA 29+00 TO STA 33+60.27

831-04TXD	Project Number
RPH	11/15/05
Layout By	Date
RPH	11/15/05
Designed By	Date
RPH/RMH	04/04/06
Reviewed By	Date
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WAUKEGAN REGIONAL AIRPORT

REHABILITATE HANGAR TAXILANES AND SERVICE ROAD

IDA PROJECT NO. UGN-3801

No.	Drawing Issue Description			Date	By

Date

APRIL 21, 2006

Sheet Title

COST PARTICIPATION EXHIBIT

831-04TXD

Project Number
AAP 11/15/05
Layout By Date
RPH 11/15/05
Designed By Date
RMH 04/04/06
Reviewed By Date
RPH
Drawn By

33

Sheet No.