

**INDEX OF SHEETS**

SHEET NO.	TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES
3	SITE PLAN AND GENERAL NOTES
4	CONSTRUCTION STAGING AND SAFETY PLAN AND NOTES
5	SAFETY NOTES AND DETAILS
6	SAWCUT AND PAVEMENT REMOVAL
7	SAWCUT AND PAVEMENT REMOVAL
8	SAWCUT AND PAVEMENT REMOVAL
9	SITE AND GRADING PLAN WITH TYPICAL SECTION AND DETAILS
10	SITE AND GRADING PLAN
11	SITE AND GRADING PLAN
12	REMOVAL AND PROPOSED RUNWAY MARKING PLAN AND DETAIL
13	REMOVAL AND PROPOSED RUNWAY MARKING PLAN
14	REMOVAL AND PROPOSED RUNWAY MARKING PLAN
15-17	CROSS SECTIONS AREA 1
18-20	CROSS SECTIONS AREA 2
21-22	CROSS SECTIONS AREA 3
23	LANDSCAPING AND STORM WATER POLLUTION PREVENTION PLAN
24	LANDSCAPING AND STORM WATER POLLUTION PREVENTION PLAN
25	STORM WATER POLLUTION PREVENTION PLAN DETAILS

**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.

ITEM NO: 4A  
 LETTING DATE: APRIL 23, 2010

BO002  
 TOTAL SHEETS = 25

# FOR-BID CONSTRUCTION PLANS

# CONSTRUCT HOLDLINE PAVEMENTS

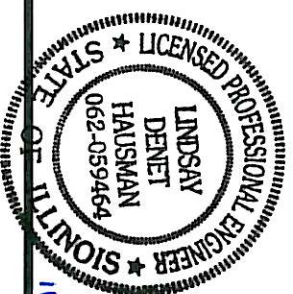
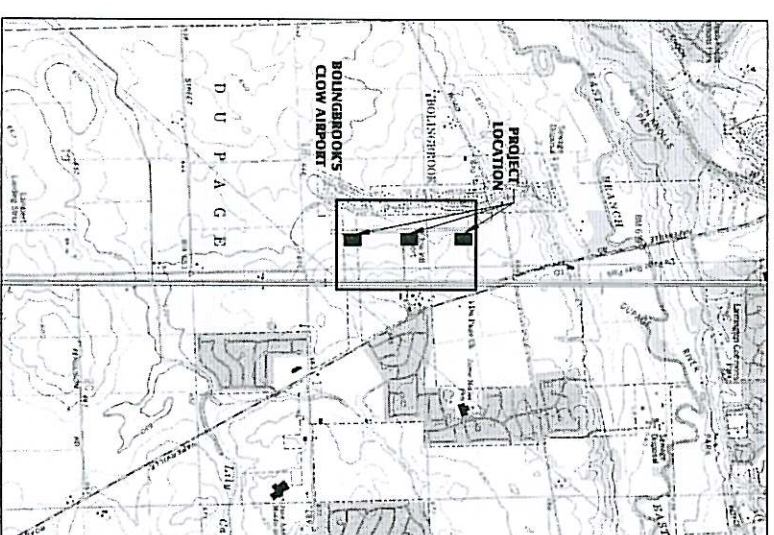
## BOLINGBROOK'S CLOW INTERNATIONAL AIRPORT (1C5)

## BOLINGBROOK, WILL COUNTY, ILLINOIS

### AIP PROJECT NO. 3-17-0135-B3

### IDA PROJECT NO. 1C5-3996

VICINITY MAP



EX.P.  
 11/30/2011

Seal

Date of Plans

SHEET NO. 1 OF 25

No.	Issue/Description	Sheets Changed	Date	By

*Lindsay D. Hausman*  
 Lindsay D. Hausman, P.E.  
 FEBRUARY 26, 2010

**HANSON**  
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 200 Oak Brook, Illinois 60523  
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 630.990.3801

**Bolingbrook**  
 a place to grow  
 BOLINGBROOK'S CLOW INTERNATIONAL AIRPORT  
 VILLAGE OF BOLINGBROOK, ILLINOIS  
 375 West Briarcliff Road  
 Bolingbrook, Illinois 60440  
 Telephone: 630.226.8400

**SUMMARY OF QUANTITIES**

Item No.	Description	Unit	As Bid
AR152410	Unclassified Excavation	Cubic Yard	1040.0
AR156510	Silt Fence	Linear Foot	525.0
AR156520	Inlet Protection	Each	1.0
AR201610	Bituminous Base Course	Ton	365.0
AR209612	Crushed Agg. Base Course - 12"	Square Yard	3002.0
AR401610	Bituminous Surface Course	Ton	365.0
AR401665	Bituminous Pavement Sawing	Linear Foot	875.0
AR401900	Remove Bituminous Pavement	Square Yard	832.0
AR602510	Bituminous Prime Coat	Gallon	901.0
AR603510	Bituminous Tack Coat	Gallon	451.0
AR620520	Pavement Marking - Waterborne	Square Foot	2310.0
AR620525	Pavement Marking - Black Border	Square Foot	3200.0
AR620900	Pavement Marking Removal	Square Foot	300.0
AR800932	Runway Closure Marker-Set	Each	1.0
AR901510	Seeding	Acre	0.2
AR905510	Topsoiling (From On Site)	Cubic Yard	105.0
AR908510	Mulching	Acre	0.2

DATE	REVISION

**Bolingbrook**  
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Bolingbrook's Clow International Airport  
 375 West Briarcliff Road  
 Bolingbrook, Illinois 60440  
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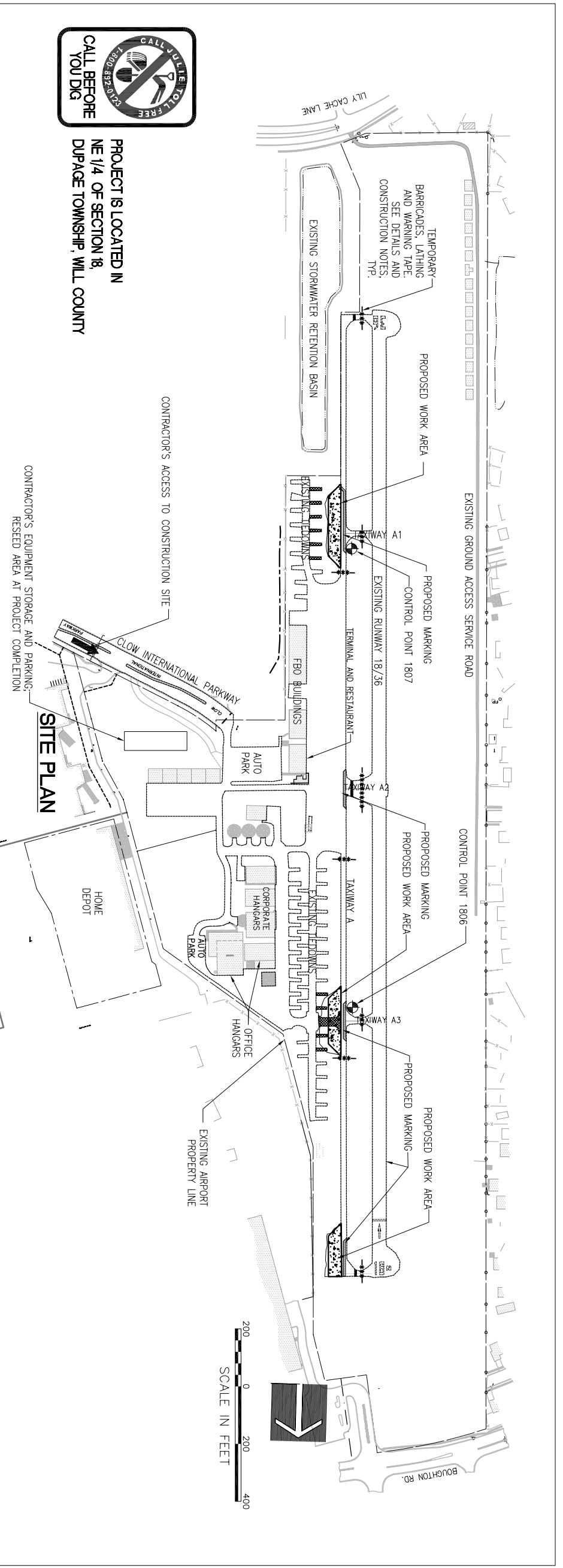
Hanson No. 08A0181		
Filename 02 - QUANTITIES.DWG		
Scale NTS		
Date 04/07/09		
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DRAWN	xxx	xx/xx/xx
REVIEWED	xxx	xx/xx/xx

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**CONSTRUCT HOLDLINE PAVEMENTS**

**SUMMARY OF QUANTITIES**



PROJECT IS LOCATED IN  
 NE 1/4 OF SECTION 18,  
 DUPAGE TOWNSHIP, WILL COUNTY

### GENERAL NOTES

**PROJECT DESCRIPTION**

THIS PROJECT IS TO CONSTRUCT PAVEMENT BUMPUPS AT BOLINGBROOK'S CLOW INTERNATIONAL AIRPORT IN BOLINGBROOK, ILLINOIS, INCLUDING, AMONG OTHER INCIDENTAL WORK, THE FOLLOWING ITEMS:

- UNCLASSIFIED EXCAVATION
- CONSTRUCTION OF PAVEMENT SECTION
- REMOVAL OF EXISTING HOLD LINE MARKING
- MARKING TAXIWAYS
- TOPSOILING, SEEDING AND MULCHING OF DISTURBED AREAS.

**CONTRACTOR'S USE OF SITE**

THE CONTRACTOR SHALL ONLY OPERATE WITHIN THE PROPOSED WORK AREAS SHOWN.  
 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, BUILDINGS LOCATED ON THE AIRPORT 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 MANAGER AND THE RESIDENT ENGINEER.

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

THE CONTRACTOR SHALL PROVIDE EQUIPMENT STORAGE AND PARKING AREAS FOR HIS OWN USE AT THE LOCATIONS SHOWN ON THIS SHEET. THE CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN THE ACCESS ROADS AND STORAGE AREA DURING CONSTRUCTION AND TO RESTORE THE AREAS AT PROJECT COMPLETION TO CONDITIONS SUITABLE TO THE AIRPORT MANAGER AND THE RESIDENT ENGINEER. 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.

THE CONTRACTOR SHALL DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO ANY WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND AGENCIES OF HIS CONSTRUCTION PLANS AND SHALL OBTAIN 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 JULLIE (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 THIS PROTECTION BEING 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 OWNING-AGENCY. ALL UTILITIES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO SERVICE AT ONCE.

**EXISTING BENCHMARKS**

- CONTROL POINT 1807  
 LAT 41°41'37.09"  
 LONG 88°07'43.58"  
 ELEV. 656.39  
 N: 1831019.48  
 E: 104017.88
- LOCATION - 95.1 FEET EAST FROM THE CENTER OF THE RUNWAY, 52.8 FEET NORTH FROM THE CENTER OF THE RAMP, 48.9 FEET EAST - SOUTHEAST FROM A RUNWAY LIGHT, AND 31.5 FEET WEST FROM THE CENTER OF THE TAXIWAY.

- CONTROL POINT 1806  
 LAT 41°41'52.96"  
 LONG 88°07'44.23"  
 ELEV. 664.48  
 N: 1832613.98  
 E: 1040065.14
- LOCATION - 91.9 FEET EAST FROM THE CENTER OF THE RUNWAY, 47.2 FEET SOUTH FROM THE CENTER OF THE RAMP, AND 33.5 FEET WEST FROM THE CENTER OF THE TAXIWAY.

CONSTRUCT HOLDLINE  
 PAVEMENTS

SITE PLAN  
 AND  
 GENERAL NOTES

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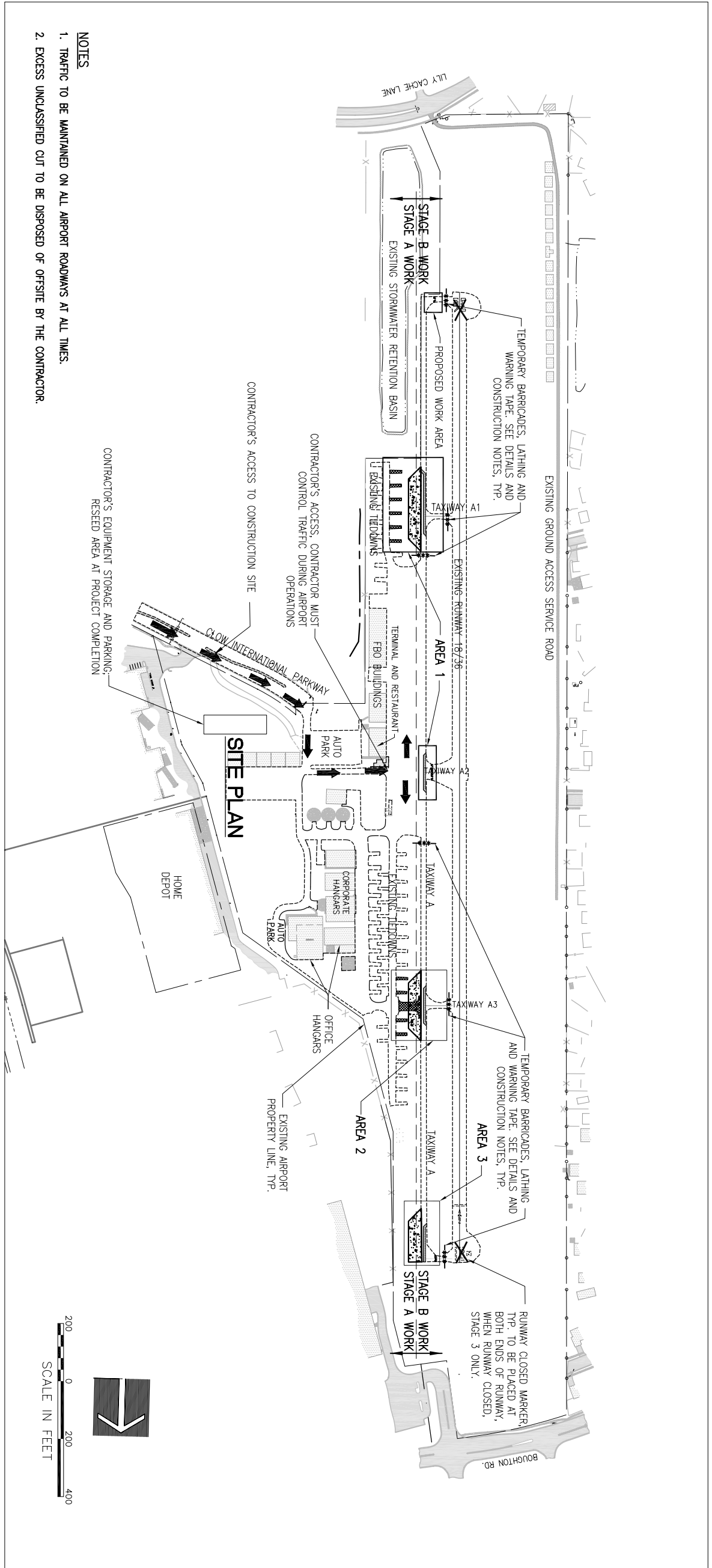
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 Oak Brook, Illinois 60523

Hanson No.	08A0181	
Filename	03 - SITE PLAN & GEN NOTES.DWG	
Scale	1"=200'	
Date	04/09/09	
LAYOUT	BLB	xx/xx/xx
DRAWN	xxx	xx/xx/xx
REVIEWED	xxx	xx/xx/xx

Bolingbrook's Clow International Airport  
 375 West Briarcliff Road  
 Bolingbrook, Illinois 60440  
 Telephone: 630.226.8400

IL. PROJ.: 1C5-3996 A.I.P. PROJ.: 3-17-0135-B3

DATE	REVISION



**NOTES**

1. TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.
2. EXCESS UNCLASSIFIED CUT TO BE DISPOSED OF OFFSITE BY THE CONTRACTOR.

NOTES - ALL STAGES

ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.  
 ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 20 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER.  
 CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 18/36 EXCEPT DURING STAGES 1B, 2B AND 3B WHEN RUNWAY 18-36 IS CLOSED WHEN WORKING WITHIN 150 FEET OF THE RUNWAY.  
 TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.  
 SEE CONSTRUCTION AND SAFETY NOTES.

STAGE 1A, 2A AND 3A NOTES

- ALL WORK SHALL BE LIMITED TO THAT LOCATED MORE THAN 150 FEET FROM RUNWAY 18-36 CENTERLINE.
- THE CONTRACTOR SHALL WORK IN ONLY ONE AREA (1, 2 OR 3) AT A TIME.
- THE FOLLOWING ITEMS ARE TO BE COMPLETED IN THE A PORTION OF EACH STAGE:
  - REMOVE EXISTING PAVEMENT WITHIN A LIMITS
  - EXCAVATE AND CONSTRUCT NEW PAVEMENT WITHIN A LIMITS.
  - TOPSOIL, SEED AND MULCH WITHIN A LIMITS.

STAGE 1B, 2B AND 3B NOTES

- WORK WITHIN 150 FEET OF THE RUNWAY WILL BE PERFORMED AFTER THE CONTRACTOR HAS CLOSED THE RUNWAY.
- THE CONTRACTOR SHALL WORK IN ONLY ONE AREA (1, 2 OR 3) AT A TIME.
- WORK IN EACH AREA SHALL BE LIMITED TO A SIX HOUR PERIOD IN EACH DAY. CONTRACTOR SHALL FURNISH 36 HOURS NOTICE PRIOR TO WORKING IN B AREA.
- THE FOLLOWING ITEMS ARE TO BE COMPLETED IN THE B PORTION OF EACH STAGE:
  - SAW CUT AND REMOVE EXISTING PAVEMENT AS SHOWN WITHIN B LIMITS.
  - EXCAVATE AND CONSTRUCT NEW PAVEMENT WITHIN B LIMITS.
  - PAVEMENT MARKINGS AND MARKING REMOVAL.
  - TOPSOIL, SEED AND MULCH WITHIN B LIMITS.

**CONSTRUCT HOLDLINE PAVEMENTS**  
**CONSTRUCTION STAGING AND SAFETY PLAN AND NOTES**

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Scale	1"=200'	
Date	04/09/09	

LAYOUT	BLB	xx/xx/xx
DRAWN	xxx	xx/xx/xx
REVIEWED	xxx	xx/xx/xx

**Bolingbrook**  
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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. THE CONTRACTOR SHALL FOLLOW THE STAGING PLAN AND SHALL COORDINATE HIS WORK WITH THE WORK OF HIS SUBCONTRACTORS AND THE WORK OF OTHER CONTRACTORS ON-SITE. THIS COORDINATION PLAN MUST BE SATISFACTORY TO THE OWNER'S REPRESENTATIVE AND THE AIRPORT MANAGER. THE CONTRACTOR SHALL EXPEDITE WORK AT THOSE TIMES WHEN ACTIVE RUNWAYS, TAXIWAYS, APRONS, ROADWAYS OR PARKING LOTS MUST BE CLOSED 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 SITE PLAN, SHEET 3, AND DETAIL A, THIS SHEET AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND THE AIRPORT MANAGER. THE CONTRACTOR WILL FINISH, 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.

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. RUNWAY CLOSINGS SHALL ONLY BE PERMITTED BY PRIOR AUTHORIZATION OF THE RESIDENT ENGINEER AND THE AIRPORT OWNER.

PREMANUFACTURED, VINYL MARKERS WILL BE FURNISHED UNDER ITEM AR800932. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL, RELOCATE AND MAINTAIN RUNWAY CLOSURE MARKERS AT THE LOCATIONS SHOWN IN THE STAGING PLAN, SEE DETAIL C, THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT OWNER. THE COST OF PLACING AND RELOCATING THESE ITEMS, AND THEIR MAINTENANCE, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR AR800932.

THE AIRPORT OWNER WILL DE-ENERGIZE AIRFIELD LIGHTING, NAVWAD AND ROTATING BEACON POWERS AND CONTROL CIRCUITS WHEN THE RUNWAY IS CLOSED.

TEMPORARY BARRICADES ON AIRFIELD

THE PROJECT WILL REQUIRE THE PLACEMENT OF BARRICADES TO DELINEATE PORTIONS OF THE CONSTRUCTION AREA. THE PROJECT WILL ALSO REQUIRE THE OCCASIONAL TEMPORARY CLOSING OF PORTIONS OF AN APRON AND SEGMENTS OF ACTIVE TAXIWAYS. AIRFIELD BARRICADES WILL BE REQUIRED FOR THE APRON CLOSING AND ALL TAXIWAYS TO BE CLOSED 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 FINISH, PLACE AND MAINTAIN BARRICADES AS SHOWN ON THE SITE PLAN, AND DETAIL B, THIS SHEET, AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND AIRPORT MANAGER. THE COST OF THESE ITEMS, AND THEIR MAINTENANCE, IS TO BE INCIDENTAL TO THE CONTRACT.

VEHICULAR TRAFFIC CONTROL

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND PLACE ROAD WARNING SIGNS AND BARRICADES ON THE EXISTING ROADWAYS PRIOR TO THE START OF CONSTRUCTION IN THE VICINITY. THE CONTRACTOR SHALL PROVIDE, INSTALL AND REMOVE ALL TRAFFIC CONTROL ITEMS WHEN CONSTRUCTION ACTIVITIES DICTATE. COST OF THIS WORK IS TO BE INCIDENTAL TO THE CONTRACT.

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.

AIRFIELD OPERATIONAL SAFETY DURING CONSTRUCTION

ALL CONSTRUCTION TRAFFIC AND PERSONNEL SHALL REMAIN WITHIN THE CONSTRUCTION LIMIT LINE SHOWN ON THE SITE PLAN. ALL CONSTRUCTION ACTIVITIES SHALL REMAIN MORE THAN 150 FEET FROM THE RUNWAY CENTERLINE AND 400 FEET FROM THE RUNWAY END. FOR WORK NEAR TAXIWAYS AND APRONS, THE CONTRACTOR'S PERSONNEL AND EQUIPMENT MUST REMAIN AT LEAST 25 FEET FROM ACTIVE TAXIWAYS, AND 100 FEET FROM ACTIVE APRONS. WHEN CONSTRUCTION OPERATIONS MUST BE CONDUCTED WITHIN THESE LIMITS, THE PAVEMENT MUST BE CLOSED TO AIRCRAFT ACTIVITY BY THE CONTRACTOR BY PROVIDING TEMPORARY BARRICADES AS SHOWN IN THE PLANS, AND IN THE CASE OF RUNWAY PAVEMENTS, CLOSED RUNWAY MARKERS. THE CONTRACTOR WILL INSTALL AND MAINTAIN RUNWAY CLOSURE MARKERS UNDER ITEM 800932, WHENEVER WORK IS WITHIN 150 FEET OF THE RUNWAY CENTERLINE. SPECIFIC LIMITATIONS ON DURATION FOR RUNWAY CLOSURES SHALL BE ADHERED TO, AS SHOWN IN THE PLANS. SEE SECTION 60 OF THE SPECIAL PROVISIONS.

WHEN WORKING OUTSIDE THE CONSTRUCTION LIMITS, THE CONTRACTOR WILL PROVIDE POSITIVE CONTROL OF CONSTRUCTION VEHICLES USING RADIO-EQUIPPED FLAGGERS. ALL CONTRACTOR'S EQUIPMENT USED IN ACTIVE AIRPORT OPERATIONS AREAS SHALL BE EQUIPPED WITH A FAA-STANDARD FLAG, AS REFERENCED IN FAA AC 150/5370-2, CURRENT ISSUE. AIRCRAFT SHALL HAVE THE RIGHT-OF-WAY. CONSTRUCTION VEHICLES SHALL NOT CROSS ANY ACTIVE RUNWAYS. THE CLOSING OF ALL TRAFFIC CONTROL, BOTH WITHIN AND OUTSIDE OF AIRPORT OPERATIONS AREAS, IS TO BE INCIDENTAL TO THE CONTRACT. THE CLOSING OF THE RUNWAY SHALL NOT BE PERMITTED DURING THIS PROJECT.

OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIAL AT THE CONSTRUCTION SITE SHALL BE DELINEATED WITH THE USE OF BARRICADES DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS. NO OPEN TRENCHES SHALL BE ALLOWED WITHIN THE RUNWAY SAFETY AREA (RSA) OR THE TAXIWAY SAFETY AREA (TSA) OVER NIGHT. THE RSA IS DEFINED AS 60 FEET FROM THE RUNWAY CENTERLINE AND 240 FEET FROM THE END OF THE RUNWAY. THE TSA IS MEASURED AT 24.5 FEET FROM THE TAXIWAY CENTERLINE. THE CONTRACTOR WILL HAVE STEEL PLATES ON-SITE TO ALLOW FOR THE RAPID COVERING OF TRENCHES IN THE EVENT OF UNEXPECTED WORK STOPPAGES FOR WEATHER OR AIRPORT EMERGENCIES.

THE CONTRACTOR SHALL MAINTAIN A MAXIMUM DROP-OFF AT THE EDGE OF ANY ACTIVE RUNWAY OR TAXIWAY PAVEMENT OF THREE (3) INCHES OR LESS. THE CONTRACTOR SHALL PLACE EARTH OR GRAVEL AT THE PAVEMENT EDGE TO FURNISH THIS MAXIMUM DROP-OFF, AND TO THE SATISFACTION OF THE RESIDENT ENGINEER. THIS REQUIREMENT SHALL BE MET BY THE CONTRACTOR IN HIS DAILY WORK PLAN AND NO ADDITIONAL COMPENSATION WILL BE MADE FOR THIS REQUIREMENT.

WHEN NOT IN USE AND DURING NONWORKING HOURS, CONTRACTOR'S EQUIPMENT SHALL BE PARKED WITHIN THE CONTRACTOR'S EQUIPMENT, STORAGE AND PARKING AREA. AT NO TIME SHALL THE CONTRACTOR OPERATE OR PARK EQUIPMENT SO AS TO OBSTRUCT AN ACTIVE RUNWAY APPROACH SURFACE.

THE CONTRACTOR SHALL KEEP ALL OF HIS EQUIPMENT AND PERSONNEL AT LEAST 15 FEET FROM THE EDGE OF ANY ACTIVE ROADWAY OR AUTO PARKING PAVEMENT. WHEN HIS ACTIVITIES REQUIRE WORKING WITHIN 15 FEET OF THE ROAD/PAVEMENT EDGE, THE CONTRACTOR SHALL PROVIDE FOR TRAFFIC CONTROL IN ACCORDANCE WITH DOT TRAFFIC CONTROL STANDARDS, AND WHOSE COSTS SHALL BE INCIDENTAL TO THE CONTRACT.

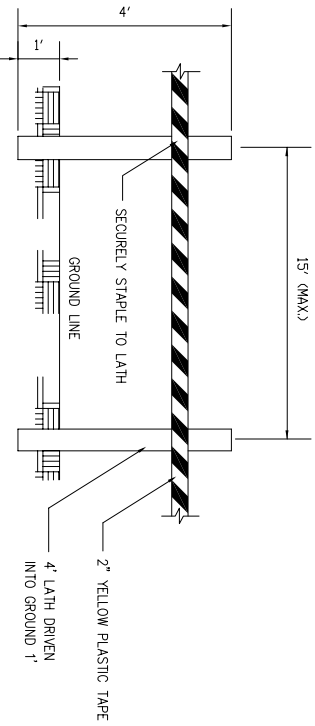
BEFORE REOPENING TEMPORARILY CLOSED TAXIWAYS, APRONS, ROADWAYS OR PARKING LOTS, THE CONTRACTOR SHALL INSPECT AND CLEAN, AS NECESSARY, THE PAVEMENT TO ASSURE THAT NO MATERIALS OR OBJECTS THAT MAY DAMAGE AIRCRAFT OR VEHICLES REMAIN. ANY REQUIRED CLEANING SHALL BE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AND AIRPORT MANAGER AND IS INCIDENTAL TO THE CONTRACT.

NOTIFICATIONS BY CONTRACTOR

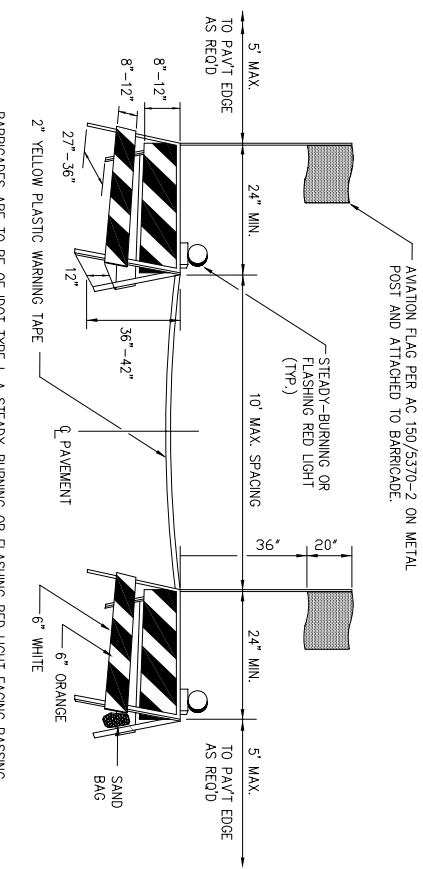
THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT DIRECTOR 72 HOURS IN ADVANCE OF THE CONTRACTOR'S CLOSING OF ACTIVE TAXIWAYS, APRONS, ROADWAYS, PARKING LOTS, AIRFIELD OR ROADWAY LIGHTING CIRCUITS OR OTHER AIRPORT OPERATIONAL FACILITIES.

CONTRACTOR'S USE OF SITE

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



DETAIL A  
 LATHING AND WARNING TAPE  
 NTS



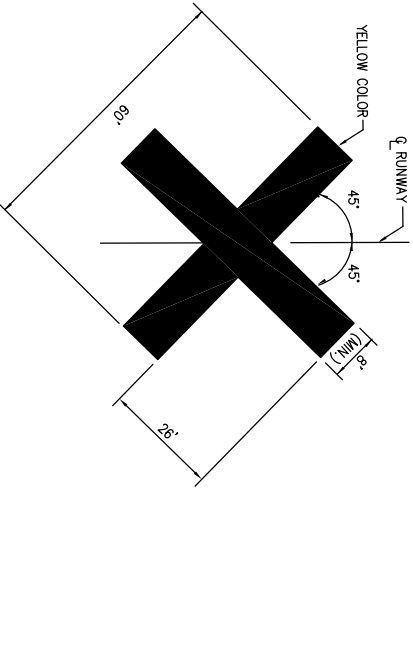
DETAIL B  
 PAVEMENT BARRICADES  
 NTS

BARRICADES ARE TO BE OF DOT TYPE 1, A STEADY-BURNING OR FLASHING RED LIGHT FACING PASSING TRAFFIC. THE BARRICADES TO BE USED SHALL BE MANUFACTURED BY NEUBERT AERO CORP. THE BARRICADES SHALL BE STABILIZED FROM BELOW BY SANDBAGS PLACED ON THE FRAME OR OTHER METHOD. THE AIRPORTS BY THE RESIDENT ENGINEER, NO PART OF THE REFLECTORIZED PORTION OF THE BARRICADE IS TO BE IN ANY MANNER. COST OF FURNISHING, INSTALLING, RELOCATING AND MAINTAINING BARRICADES IS TO BE INCIDENTAL TO THE CONTRACT.

NOTES

1. THE MARKERS ARE TO BE OF A PERMANENT TYPE, CONSTRUCTED OF VINYL OR OTHER LIGHTWEIGHT DURABLE MATERIAL AS MANUFACTURED BY NEUBERT AERO CORP ITEM 3190028 OR EQUAL. ONE SET OF TWO MARKERS WITH MATCHING STORAGE BAG SHALL BE FURNISHED.  
 NEUBERT AERO CORP  
 14141 46TH STREET N, SUITE 1206  
 CLEARWATER, FLORIDA 33762  
 PHONE: 727.538.8744  
 FAX: 727.538.8785
2. THE MARKERS ARE TO BECOME THE PROPERTY OF THE AIRPORT UPON COMPLETION OF THE PROJECT.
3. CONTRACTOR SHALL LOCATE THE MARKERS ON TOP OF THE RUNWAY NUMERALS DURING CLOSURE OF THE RUNWAY.
4. MARKERS TO BE SECURED BY CONTRACTOR AS RECOMMENDED BY MANUFACTURER.
5. COST OF FURNISHING, INSTALLING, RELOCATING AND MAINTAINING MARKERS SHALL BE PAID UNDER ITEM AR800932 (SEE SPECIAL PROVISIONS).

DETAIL C  
 TEMPORARY RUNWAY CLOSED MARKER  
 NTS



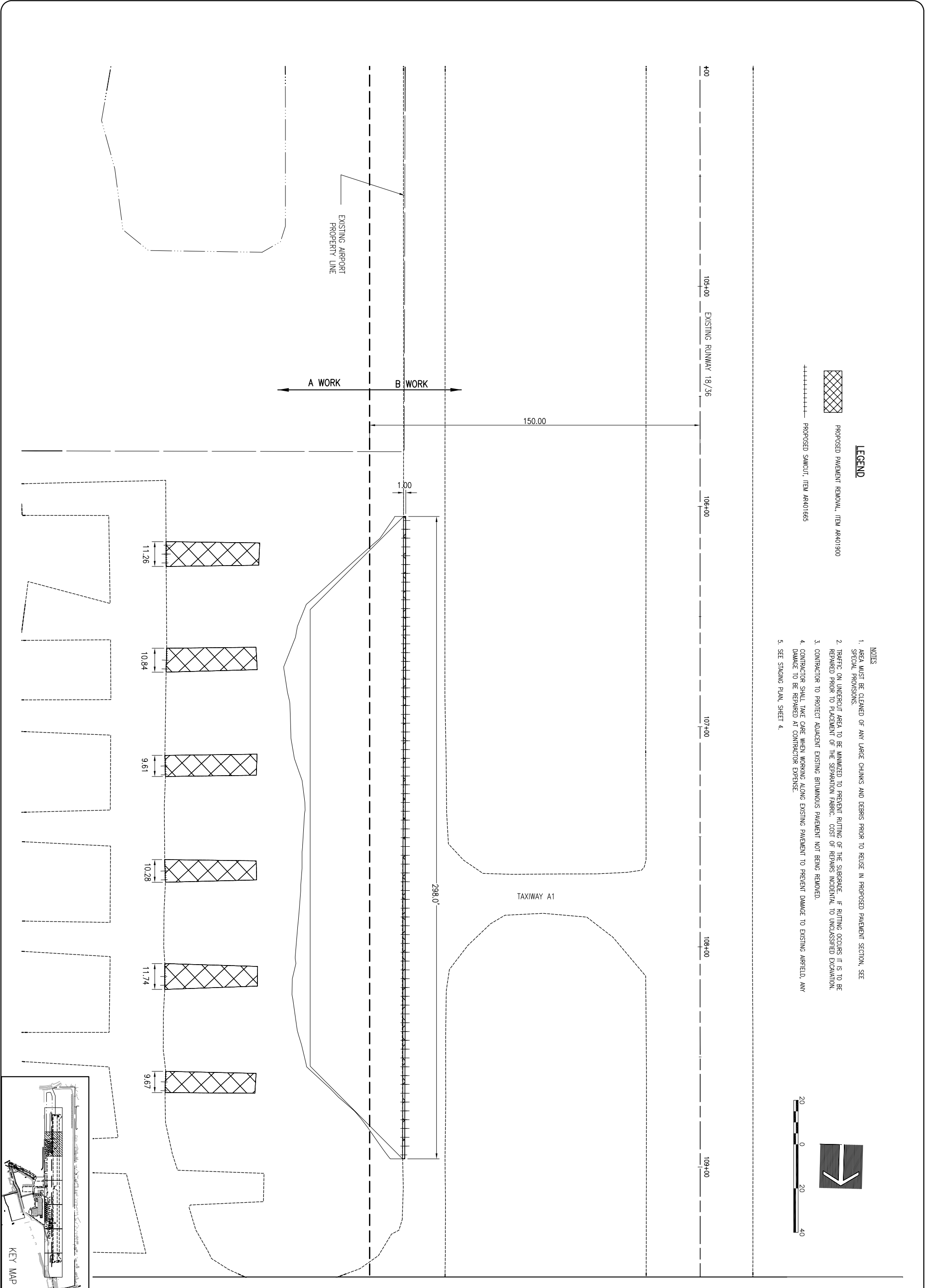
CONSTRUCT HOLDLINE  
 PAVEMENTS  
 SAFETY NOTES  
 AND DETAILS

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**Hanson Professional Services Inc.**  
 815 Commerce Drive Suite 200  
 Oak Brook, Illinois 60523

Hanson No.	08A0181	
Filename	05 - SAFETY NOTES AND DETAILS.DWG	
Scale	NTS	
Date	04/09/09	
LAYOUT	BLB	xx/xx/xx
DRAWN	xxx	xx/xx/xx
REVIEWED	xxx	xx/xx/xx

Bolingbrook's Clow International Airport  
 375 West Briarcliff Road  
 Bolingbrook, Illinois 60440  
 Telephone: 630.226.8400

DATE	REVISION

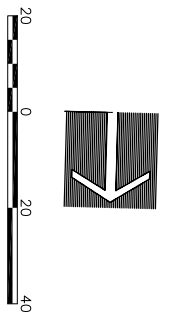


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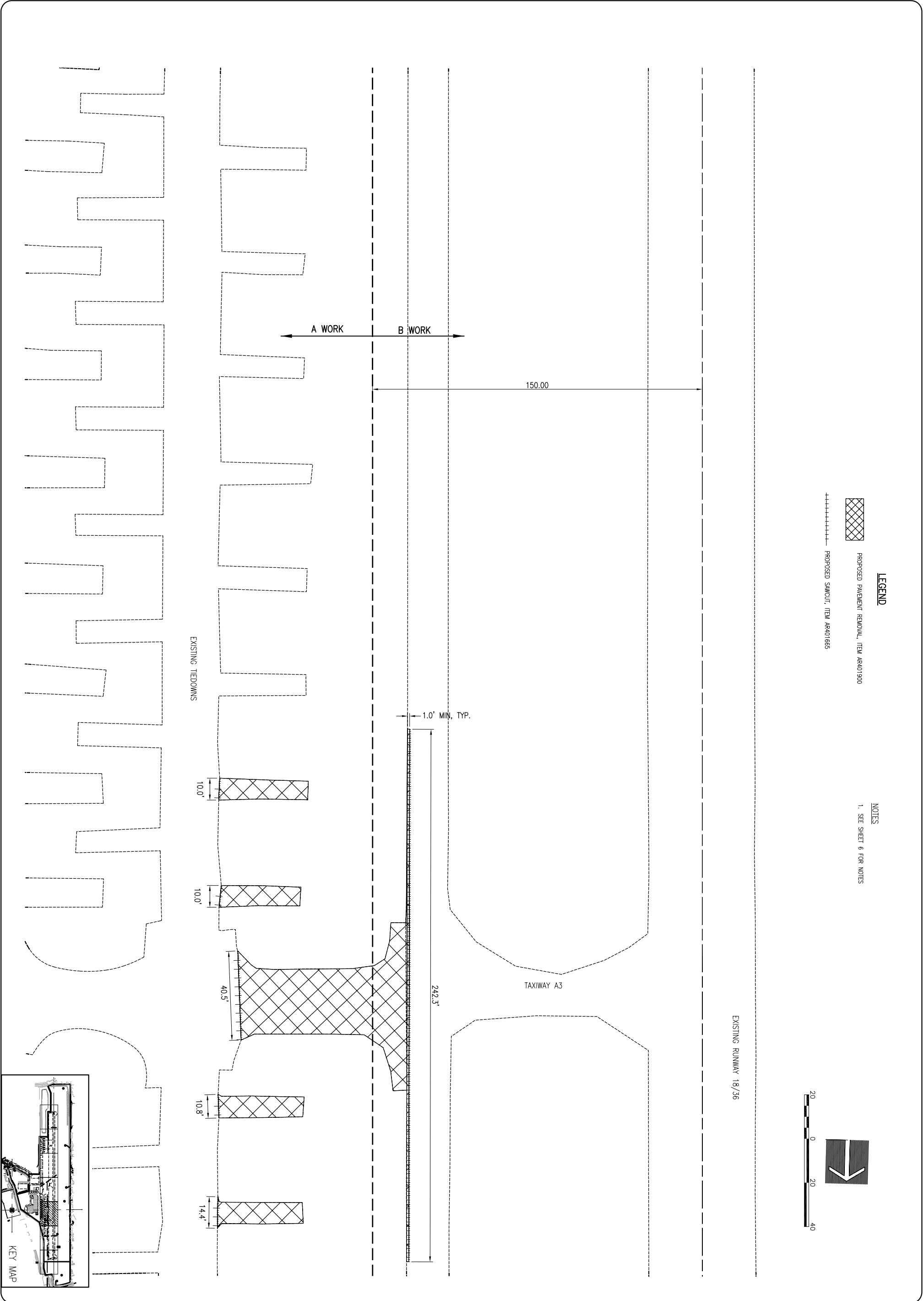
PROPOSED PAVEMENT REMOVAL, ITEM AR401900

PROPOSED SAWCUT, ITEM AR401665

- NOTES**
1. AREA MUST BE CLEANED OF ANY LARGE CHUNKS AND DEBRIS PRIOR TO REUSE IN PROPOSED PAVEMENT SECTION. SEE SPECIAL PROVISIONS.
  2. TRAFFIC ON UNDERROUT 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.
  3. CONTRACTOR TO PROTECT ADJACENT EXISTING BITUMINOUS PAVEMENT NOT BEING REMOVED.
  4. CONTRACTOR SHALL TAKE CARE WHEN WORKING ALONG EXISTING PAVEMENT TO PREVENT DAMAGE TO EXISTING AIRFIELD, ANY DAMAGE TO BE REPAIRED AT CONTRACTOR EXPENSE.
  5. SEE STAGING PLAN, SHEET 4.



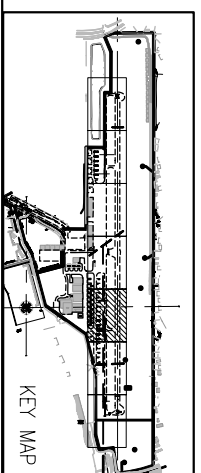
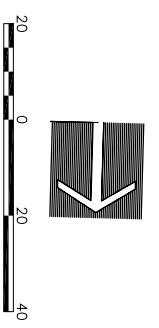
<p style="font-size: 24pt; font-weight: bold;">6</p> <p>6 of 25 sheets</p>	<p><b>CONSTRUCT HOLDLINE PAVEMENTS</b></p> <p><b>SAWCUT AND PAVEMENT REMOVAL</b></p>	<p><b>HANSON</b>                  © Copyright Hanson Professional Services Inc. 2010</p> <p><b>Hanson Professional Services Inc.</b>                  815 Commerce Drive Suite 200                  Oak Brook, Illinois 60523</p>	Hanson No. 08A0181 Filename 06 - SAWCUTTING AND REMOVAL.DWG Scale 1"=100' Date 04/17/09	<p><b>Bolingbrook</b>                  a place to grow</p> <p>Bolingbrook's Clow International Airport                  375 West Briarcliff Road                  Bolingbrook, Illinois 60440                  Telephone: 630.226.8400</p>	IL PROJ.: 1C5-3996      A.I.P. PROJ.: 3-17-0135-B3	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">DATE</th> <th style="width: 50%;">REVISION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	DATE	REVISION																		
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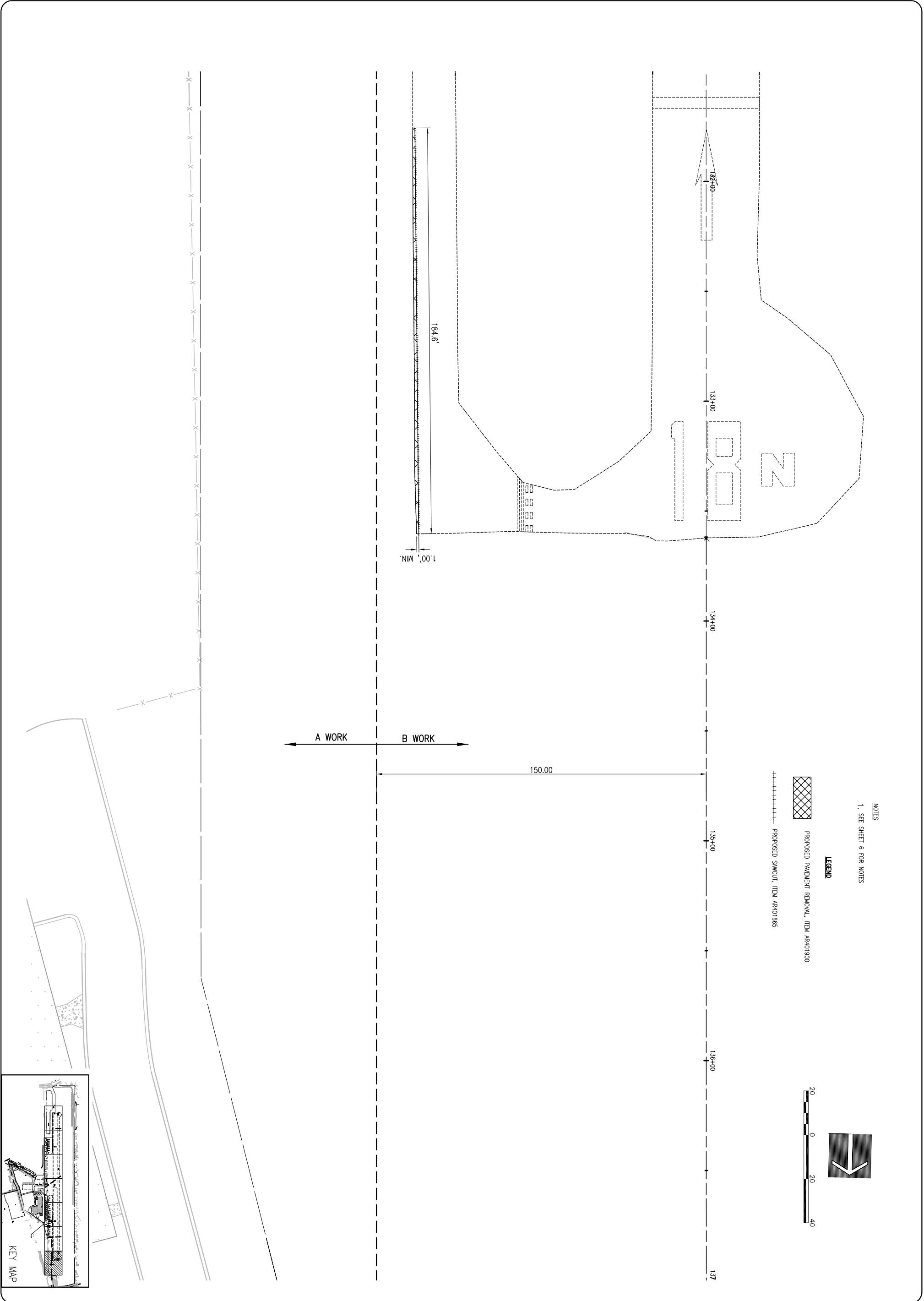
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 PROPOSED PAVEMENT REMOVAL, ITEM AR401900  
 PROPOSED SAWCUT, ITEM AR401665

**NOTES**  
 1. SEE SHEET 6 FOR NOTES





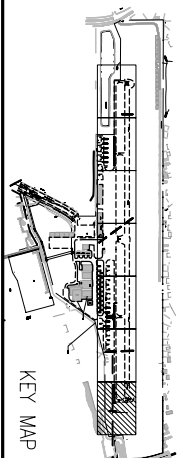
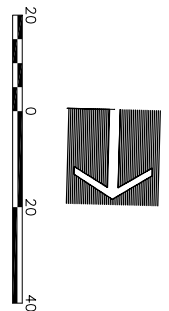
<p>7 of 25 sheets</p> <p style="font-size: 2em; font-weight: bold;">7</p>	<p><b>CONSTRUCT HOLDLINE PAVEMENTS</b></p> <p>SAWCUT AND PAVEMENT REMOVAL</p>	 © Copyright Hanson Professional Services Inc. 2010 <b>Hanson Professional Services Inc.</b> 815 Commerce Drive Suite 200 Oak Brook, Illinois 60523	Hanson No. 08A0181 Filename 07 - SAWCUTTING AND REMOVAL.DWG Scale 1"=100' Date 04/17/09	 Bolingbrook's Clow International Airport 375 West Briarcliff Road Bolingbrook, Illinois 60440 Telephone: 630.226.8400	DATE REVISION
	LAYOUT BLB xx/xx/xx DRAWN xxx xx/xx/xx REVIEWED xxx xx/xx/xx		IL PROJ.: 1C5-3996 A.I.P. PROJ.: 3-17-0135-B3		





NOTES  
 1. SEE SHEET 6 FOR NOTES

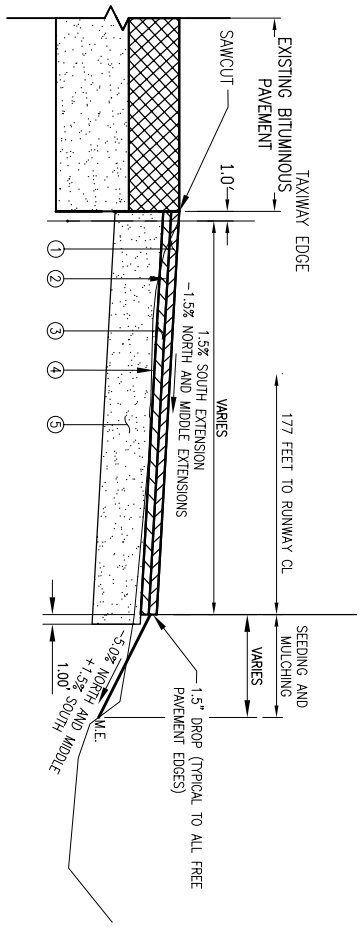
**LEGEND**

-  PROPOSED PAVEMENT REMOVAL, ITEM AR401900
-  PROPOSED SAWCUT, ITEM AR401665



<p>8 of 25 sheets</p> <p><b>8</b></p>	<p><b>CONSTRUCT HOLDLINE PAVEMENTS</b></p> <p><b>SAWCUT AND PAVEMENT REMOVAL</b></p>	 © Copyright Hanson Professional Services Inc. 2010 <b>Hanson Professional Services Inc.</b> 815 Commerce Drive Suite 200 Oak Brook, Illinois 60523	Hanson No. <u>08A0181</u> Filename <u>08 - SAWCUTTING AND REMOVAL.DWG</u> Scale <u>1"=100'</u> Date <u>04/17/09</u>	REMOVAL.DWG  Bolingbrook's Clow International Airport 375 West Briarcliff Road Bolingbrook, Illinois 60440 Telephone: 630.226.8400	IL PROJ.: 1C5-3996      A.I.P. PROJ.: 3-17-0135-B3	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">DATE</th> <th style="width: 50%;">REVISION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	DATE	REVISION																				
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DRAWN	xxx	xx/xx/xx																										
REVIEWED	xxx	xx/xx/xx																										





NOTE:  
 VEGETATION MUST BE REMOVED AT ALL PROPOSED PAVEMENT AREAS. COST INCIDENTAL TO ITEM AR152410.

- ① PROPOSED 2 INCH BITUMINOUS SURFACE COURSE, ITEM AR401611
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED 2 INCH BITUMINOUS BASE COURSE, ITEM AR201611
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑤ PROPOSED 12 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209612

TYPICAL SECTION - PAVEMENT EXTENSIONS

- NOTES:
1. ALIGNMENT IS BASED ON STATE PLANE COORDINATES (ILLINOIS-WEST). SEE ALIGNMENT DATA TABLES.
  2. FOR ADDITIONAL GRADING INFORMATION, SEE CROSS SECTIONS.
  3. CONTRACTOR IS REQUIRED TO FIELD VERIFY EXISTING UTILITY LOCATIONS.
  4. CONTRACTOR WILL BE PROVIDED WITH CONTROL POINTS AND BASELINES IN ACCORDANCE WITH SPECIAL PROVISIONS.
  5. STAKING POINTS AT CROSS SECTIONS UNLESS NOTED OTHERWISE.
  6. FOR SEEDING INFORMATION, SEE LANDSCAPING PLAN. FOR PAVEMENT MARKING INFORMATION, SEE MARKING PLANS. SEE TYPICAL SECTION DETAILS FOR JOINT AND PAVEMENT SECTIONS. SEE REMOVAL AND SAWCUTTING SHEET FOR PAVEMENT REMOVAL.
  7. 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 INSTANT CONDITIONS, THE RESIDENT ENGINEER IS TO BE NOTIFIED AND WILL ADJUST ANY GRADES AS NECESSARY.
  8. CONTRACTOR WILL BE PROVIDED WITH CONTROL POINTS AND BASELINES IN ACCORDANCE WITH THE SUPPLEMENTAL SPECIFICATIONS.
  9. EXCESS UNCLASSIFIED EXCAVATION IS TO BE DISPOSED OF AT AN OFFSITE LOCATION. COST INCIDENTAL TO ITEM AR152410.
  10. SEE STAGING PLAN, SHEET 4.

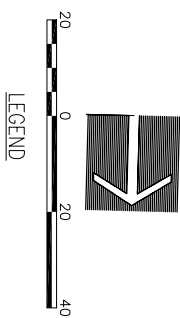
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			NORTHING	EASTING
AREA 1	BEGINNING OF ALIGNMENT 30 END OF ALIGNMENT 30	30+00 32+91.76	1830796.55 1831088.18	1040162.08 1040153.44
AREA 2	BEGINNING OF ALIGNMENT 20 END OF ALIGNMENT 20	20+00 22+42.29	1832542.04 1832784.22	1040107.23 1040100.14
AREA 3	BEGINNING OF ALIGNMENT 10 END OF ALIGNMENT 10	10+00 11+84.63	1833366.42 1833550.90	1040080.92 1040073.45

ALIGNMENT DATA

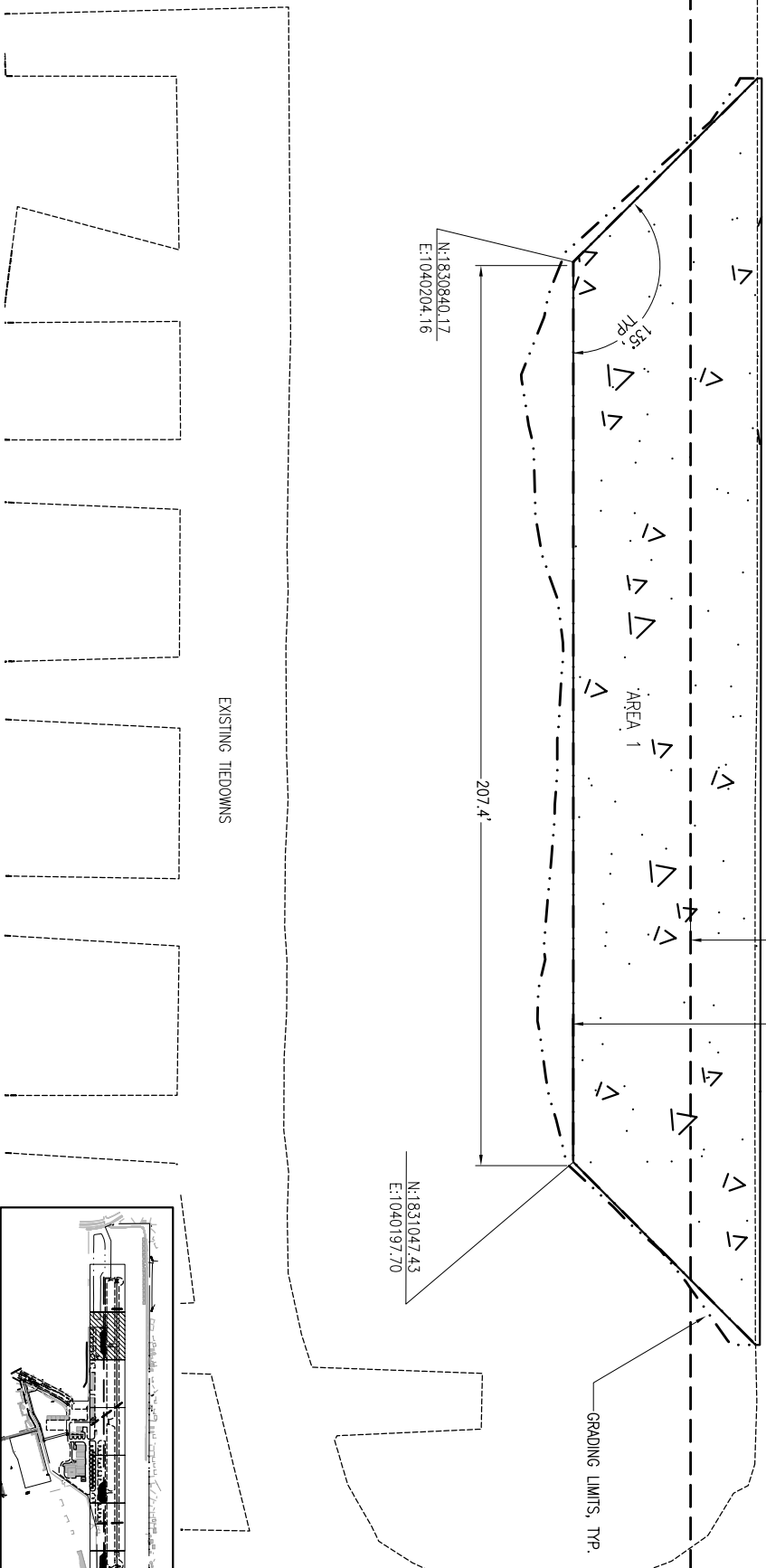
107+00 108+00 109+00

TAXIWAY A1  
 150.00  
 177.00

EXISTING RUNWAY 18/36



A WORK B WORK



DATE REVISION

DATE	REVISION



Bolingbrook's Clow International Airport  
 375 West Briarcliff Road  
 Bolingbrook, Illinois 60440  
 Telephone: 630.226.8400

IL PROJ.: 1C5-3996 A.I.P. PROJ.: 3-17-0135-B3

Hanson No. 08A0181  
 Filename 09 - PAVEMENT EXTENTION SITE PLAN.DWG  
 Scale 1"=20'  
 Date 04/17/09

LAYOUT	BLB	xx/xx/xx
DRAWN	xxx	xx/xx/xx
REVIEWED	xxx	xx/xx/xx

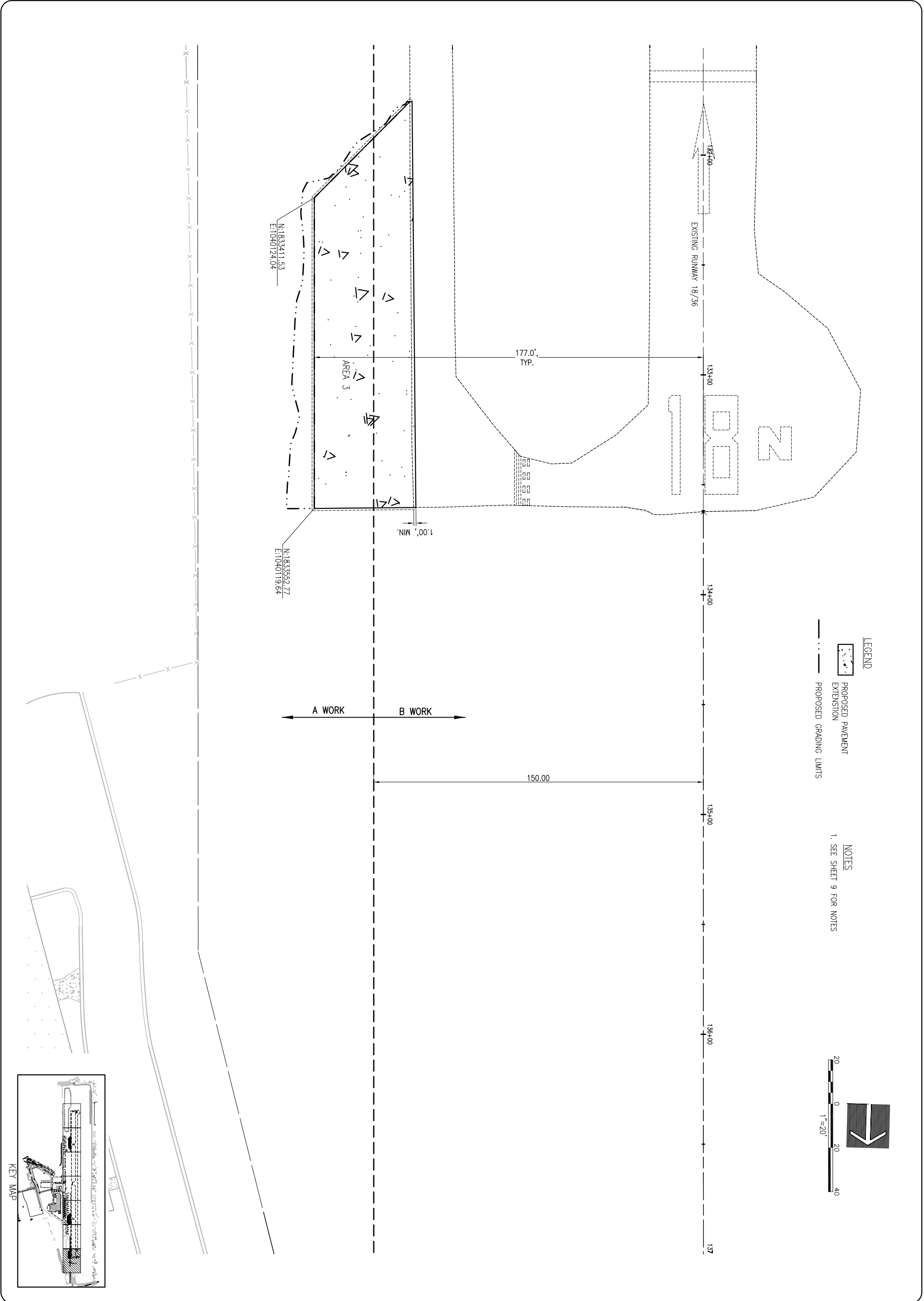



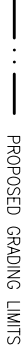
Hanson Professional Services Inc.  
 815 Commerce Drive Suite 200  
 Oak Brook, Illinois 60523

CONSTRUCT HOLDLINE PAVEMENTS

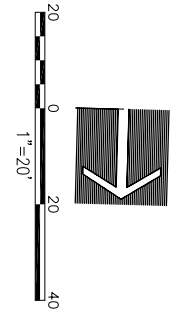
SITE AND GRADING PLAN WITH TYPICAL SECTION AND DETAILS





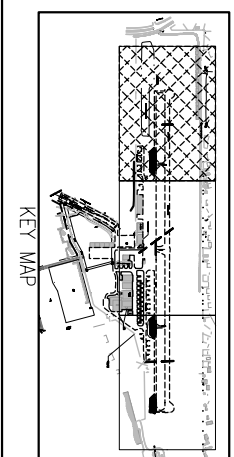
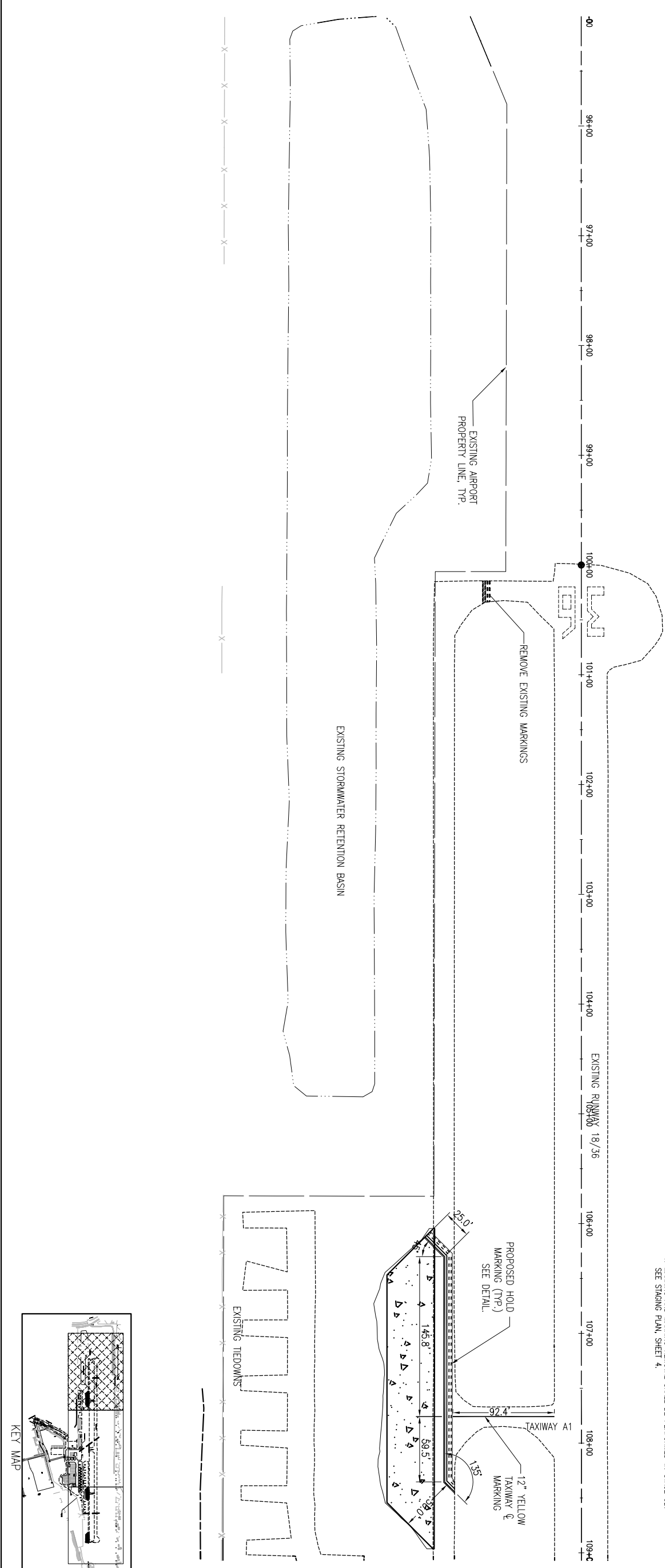
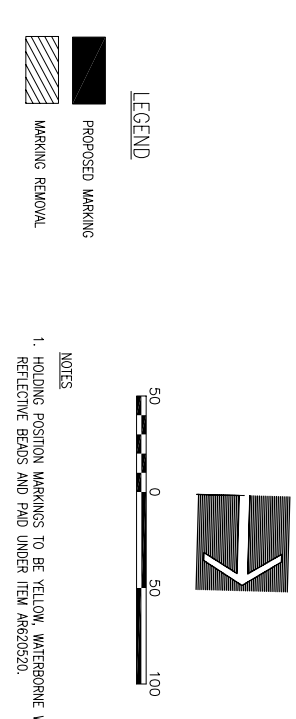
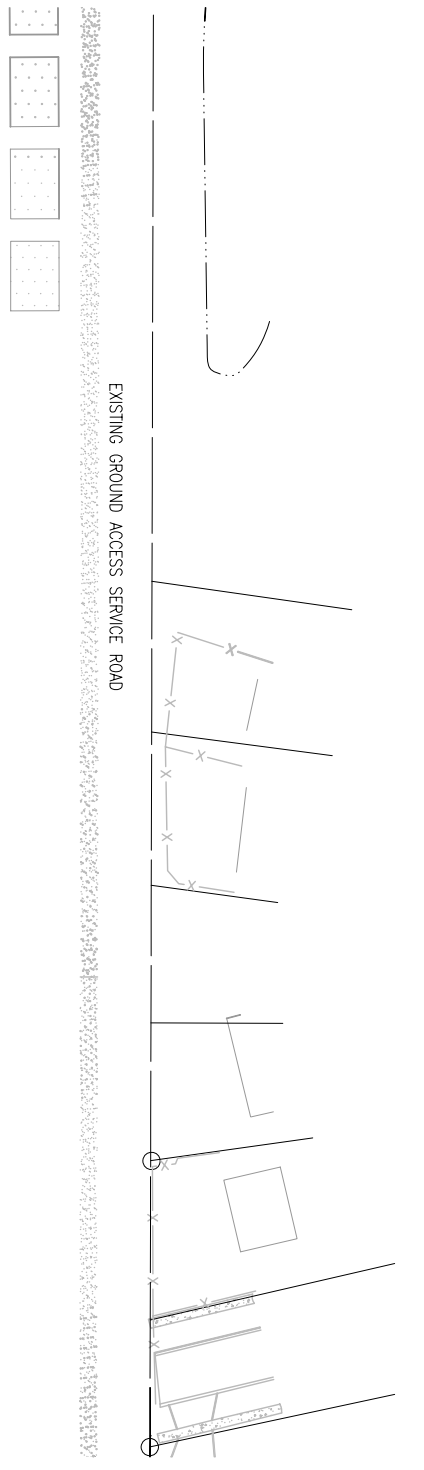
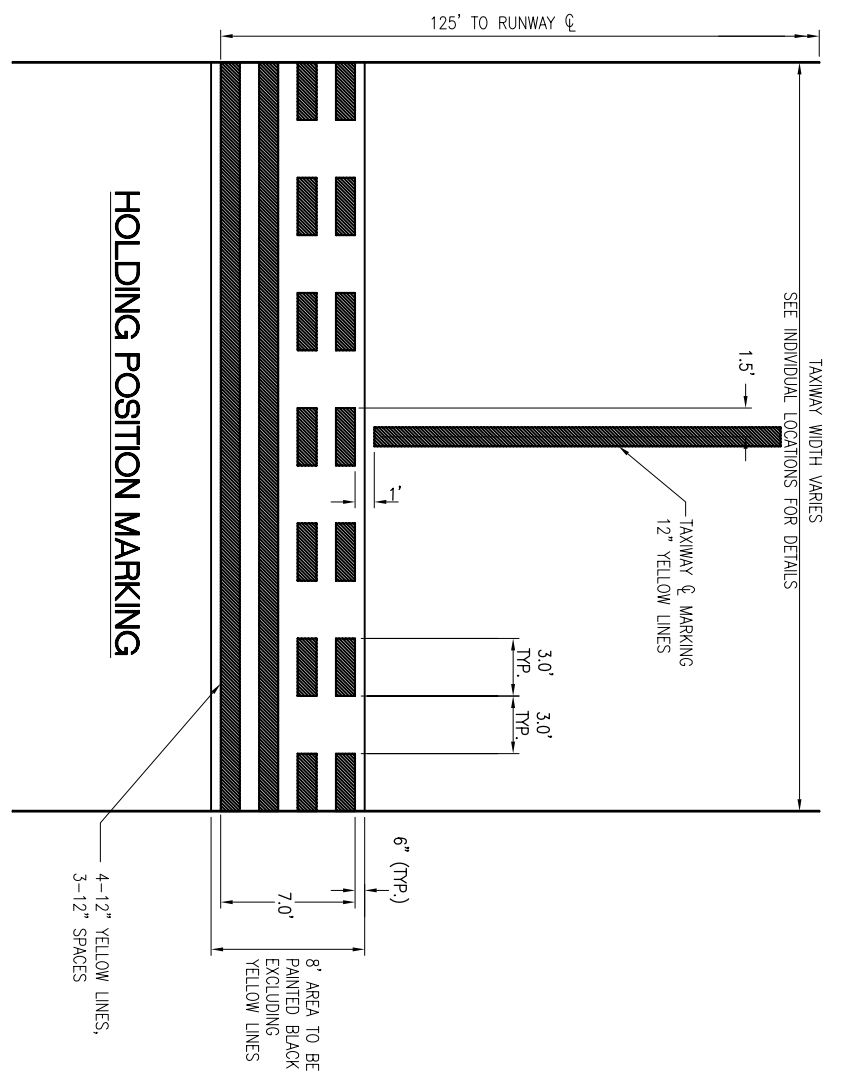


**LEGEND**  
 PROPOSED PAVEMENT EXTENSION  
 PROPOSED GRADING LIMITS

**NOTES**  
 1. SEE SHEET 9 FOR NOTES



11 11 of 25 sheets	<b>CONSTRUCT HOLDLINE PAVEMENTS</b>  SITE AND GRADING PLAN	 © Copyright Hanson Professional Services Inc. 2010	Hanson No. 08A0181 Filename 11 - PAVEMENT EXTENTION SITE PLAN.DWG Scale 1"=20' Date 04/17/09	 Bolingbrook's Clow International Airport 375 West Briarcliff Road Bolingbrook, Illinois 60440 Telephone: 630.226.8400	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">DATE</th> <th style="width: 50%;">REVISION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	DATE	REVISION																		
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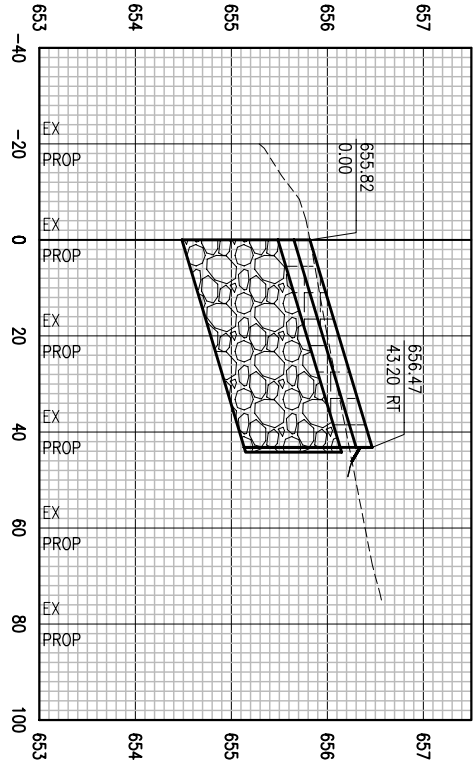
<p>12</p> <p>12 of 25 sheets</p>	<p><b>CONSTRUCT HOLDLINE PAVEMENTS</b></p> <p>REMOVAL AND PROPOSED RUNWAY MARKING PLAN AND DETAIL</p>	<p><b>HANSON</b>                  Copyright Hanson Professional Services Inc. 2010</p> <p><b>Hanson Professional Services Inc.</b>                  815 Commerce Drive Suite 200                  Oak Brook, Illinois 60523</p>	<p>Hanson No. 08A0181</p> <p>Filename 12 - RUNWAY PROP REMOVE AND MARK PLAN_SE.DWG</p> <p>Scale 1"=50'</p> <p>Date 04/17/09</p>	<p><b>Bolingbrook</b>                  a place to grow</p> <p>Bolingbrook's Clow International Airport                  375 West Briarcliff Road                  Bolingbrook, Illinois 60440                  Telephone: 630.226.8400</p>	<p>DATE</p> <p>REVISION</p>
	<p>LAYOUT BLB xx/xx/xx</p> <p>DRAWN xxx xx/xx/xx</p> <p>REVIEWED xxx xx/xx/xx</p>		<p>IL PROJ.: 1C5-3996</p> <p>A.I.P. PROJ.: 3-17-0135-B3</p>		
	<p>12 - RUNWAY PROP REMOVE AND MARK PLAN_SE.DWG</p>				





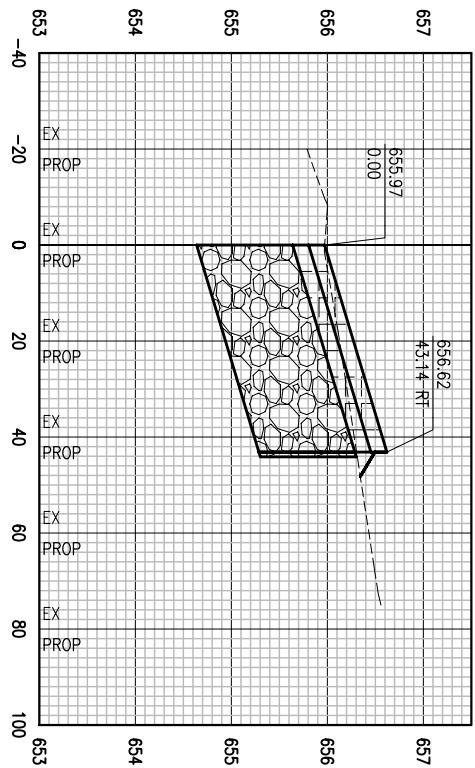


31+40



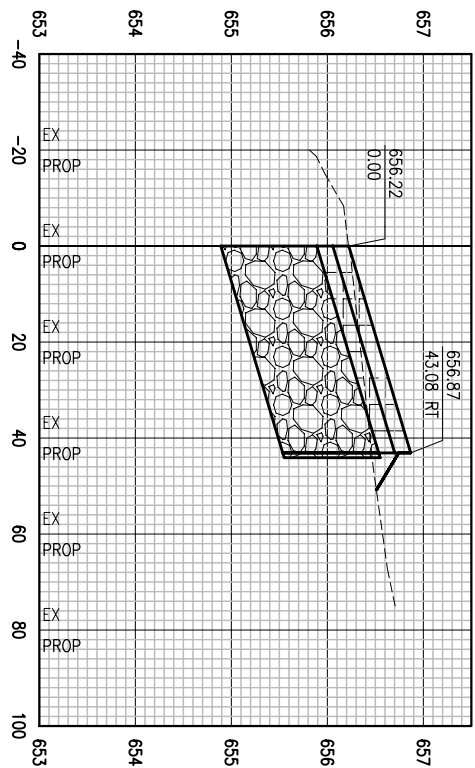
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Material Name	Area	Volume	Cumulative Volume
Fill	0.16	0.17	5.23
Cut	52.39	37.57	202.06

31+80



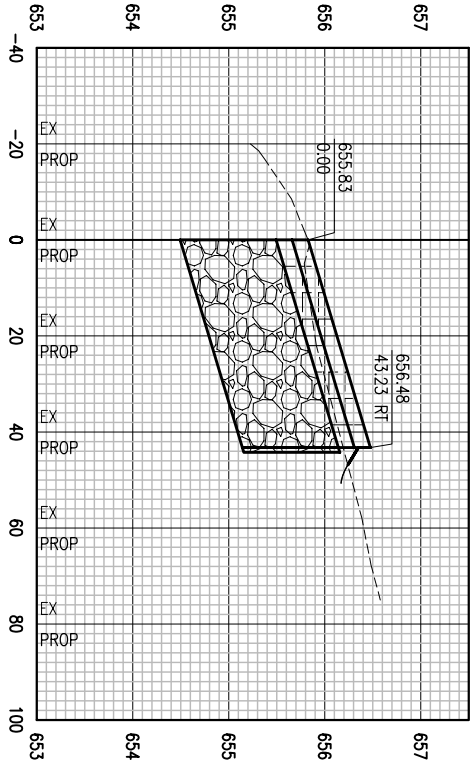
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Material Name	Area	Volume	Cumulative Volume
Fill	0.48	0.28	5.66
Cut	50.61	37.84	278.40

32+20



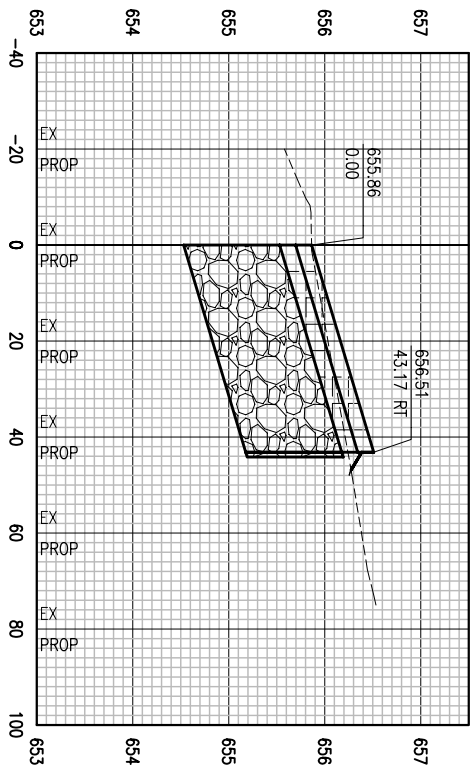
Material(s) at Station 32+20.00			
Material Name	Area	Volume	Cumulative Volume
Fill	1.11	0.72	6.88
Cut	48.81	36.27	351.61

31+20



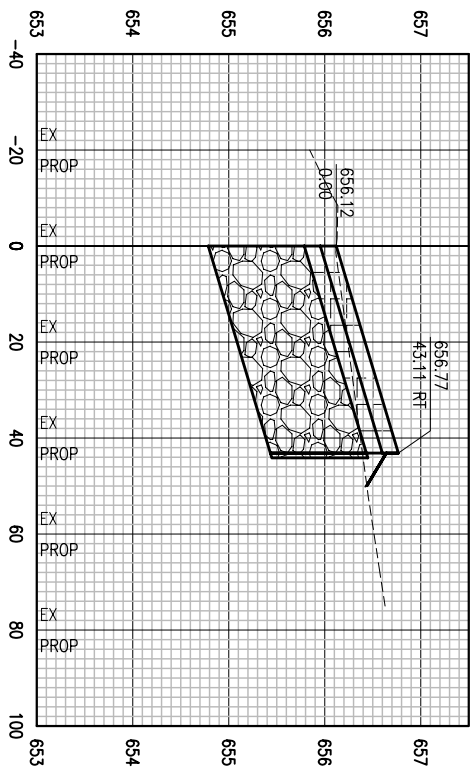
Material(s) at Station 31+20.00			
Material Name	Area	Volume	Cumulative Volume
Fill	0.29	0.83	5.06
Cut	49.04	34.08	164.49

31+60



Material(s) at Station 31+60.00			
Material Name	Area	Volume	Cumulative Volume
Fill	0.27	0.16	5.38
Cut	51.56	38.50	240.56

32+00



Material(s) at Station 32+00.00			
Material Name	Area	Volume	Cumulative Volume
Fill	0.85	0.49	6.15
Cut	49.12	36.94	315.34

DATE	REVISION

**Bolingbrook**  
 a place to grow

Bolingbrook's Clow International Airport  
 375 West Briarcliff Road  
 Bolingbrook, Illinois 60440  
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IL PROJ.: 1C5-3996 A.I.P. PROJ.: 3-17-0135-B3

Hanson No.	08A0181	
Filename	15-22 - CROSS SECTIONS.DWG	
Scale	1"=xx'	
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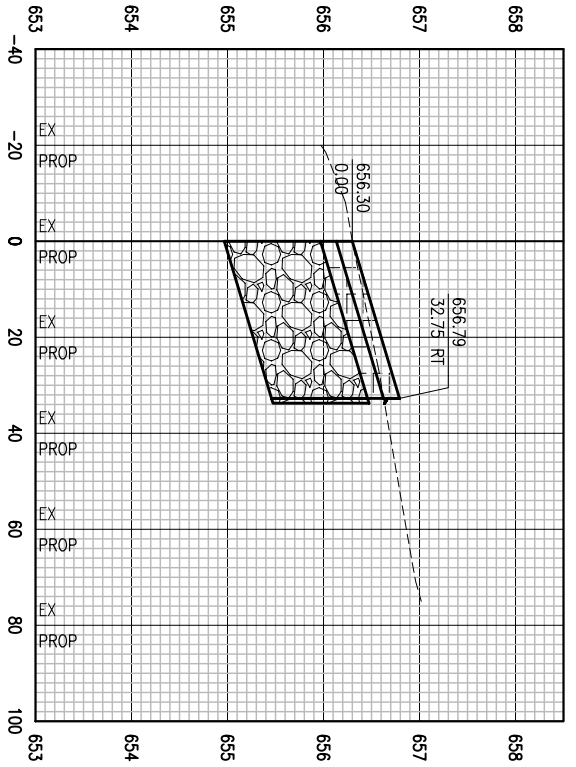
**Hanson Professional Services Inc.**  
 815 Commerce Drive Suite 200  
 Oak Brook, Illinois 60523

**CONSTRUCT HOLDLINE PAVEMENTS**

**CROSS SECTIONS AREA 1**

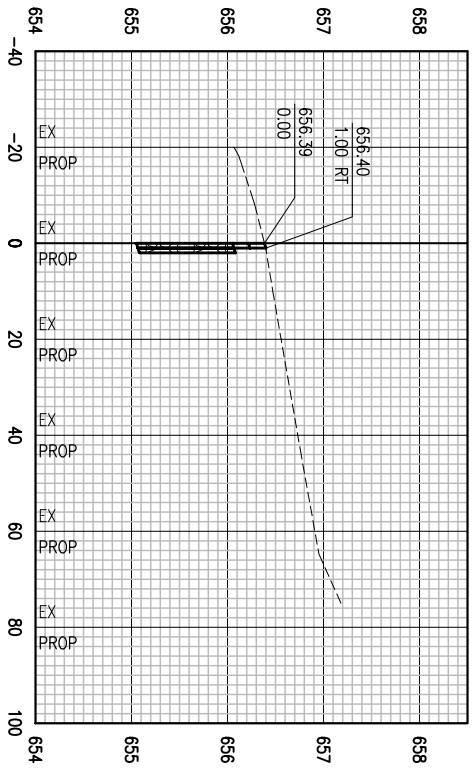


**32+60**



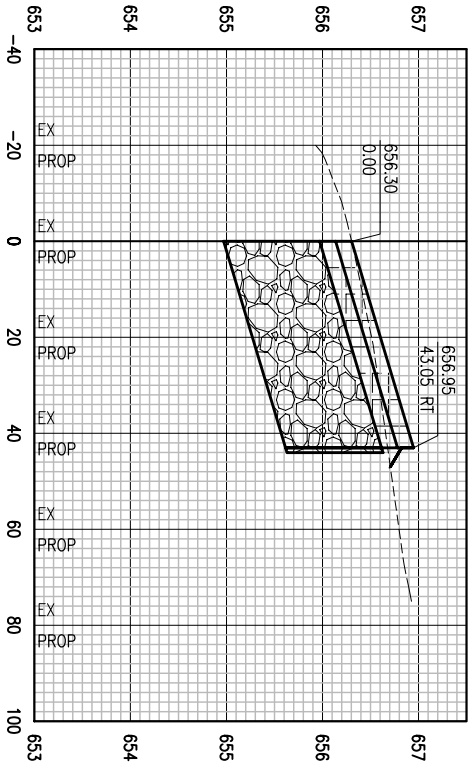
Material(s) at Station 32+60.00			
Material Name	Area	Volume	Cumulative Volume
Fill	0.02	0.11	7.51
Cut	41.05	34.60	423.69

**32+92**



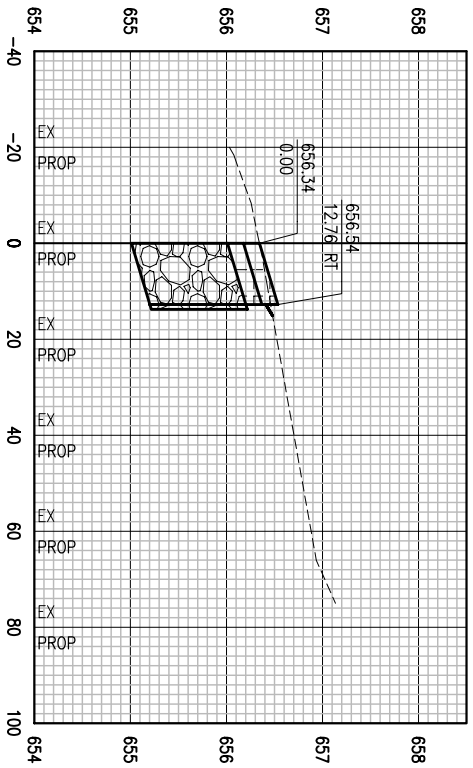
Material(s) at Station 32+91.76			
Material Name	Area	Volume	Cumulative Volume
Fill	0.00	0.00	7.52
Cut	1.33	3.91	448.95

**32+40**



Material(s) at Station 32+40.00			
Material Name	Area	Volume	Cumulative Volume
Fill	0.28	0.52	7.40
Cut	52.38	37.48	389.09

**32+80**



Material(s) at Station 32+80.00			
Material Name	Area	Volume	Cumulative Volume
Fill	0.00	0.01	7.52
Cut	16.61	21.35	445.04

DATE	REVISION

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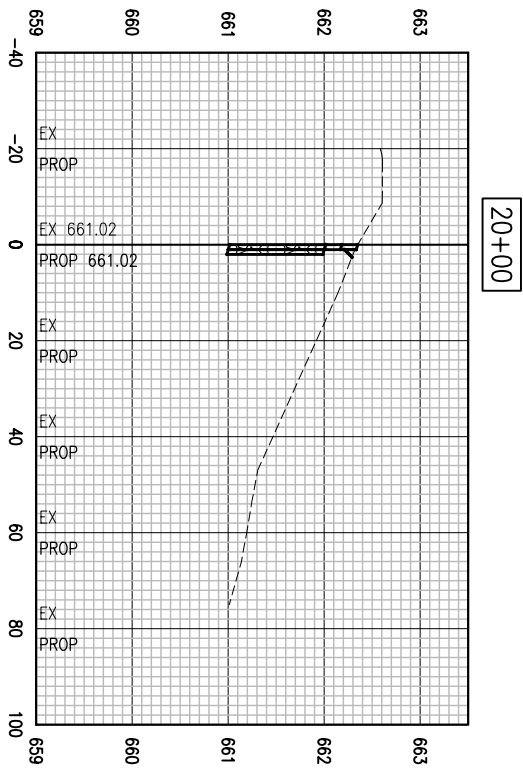
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REVIEWED	xxx	xx/xx/xx

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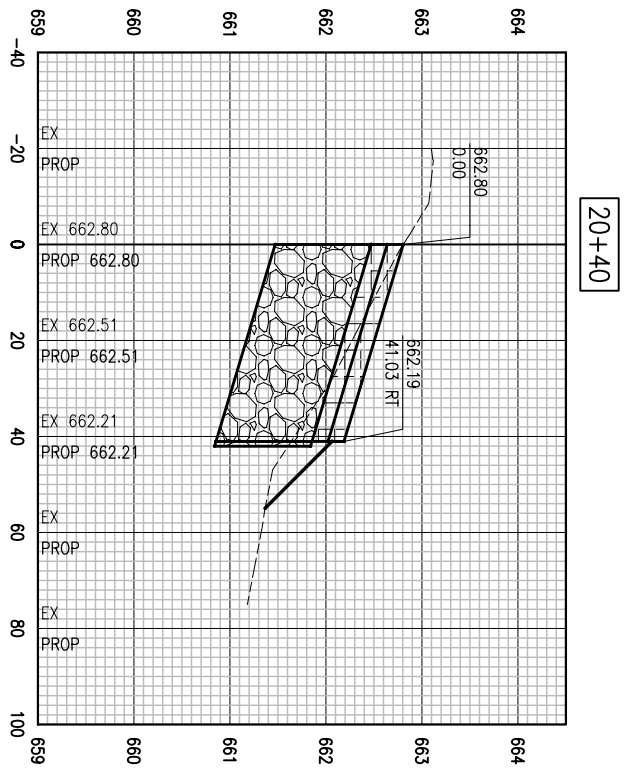
**Hanson Professional Services Inc.**  
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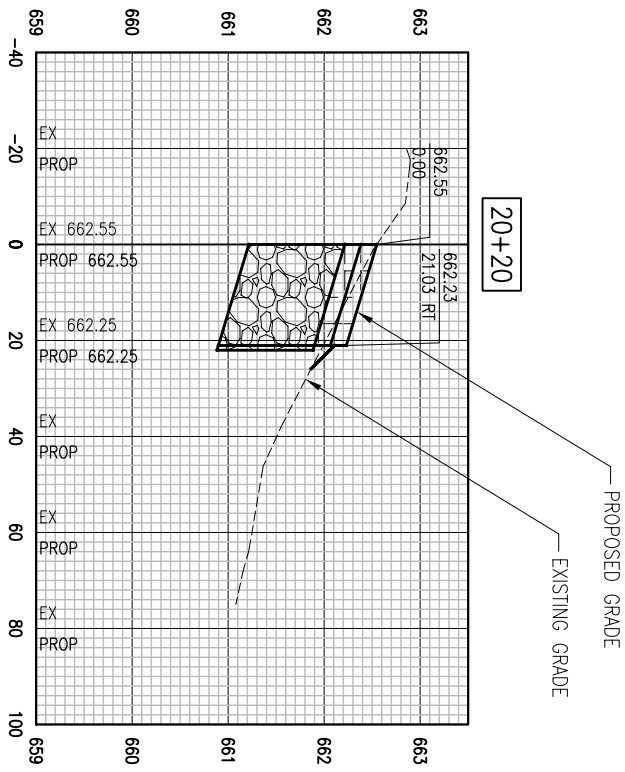
**CROSS SECTIONS AREA 1**



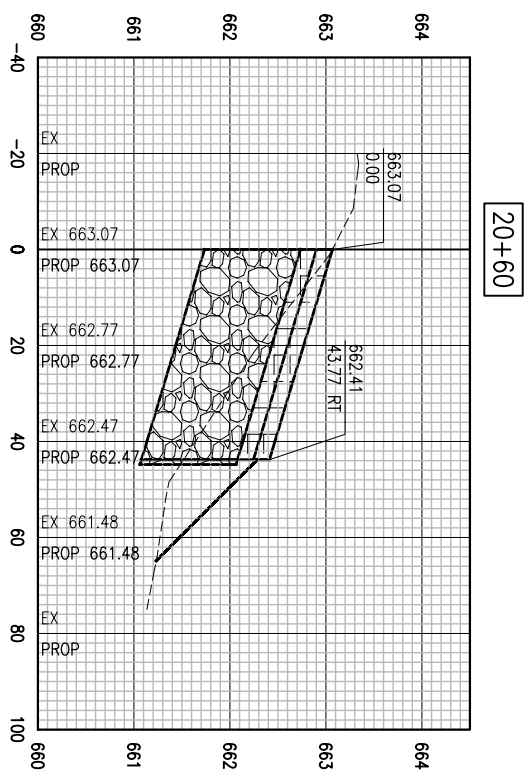
Material(s) at Station 20+00.00			
Material Name	Area	Volume	Cumulative Volume
Cut	1.45	0.00	0.00
Fill	0.00	0.00	0.00



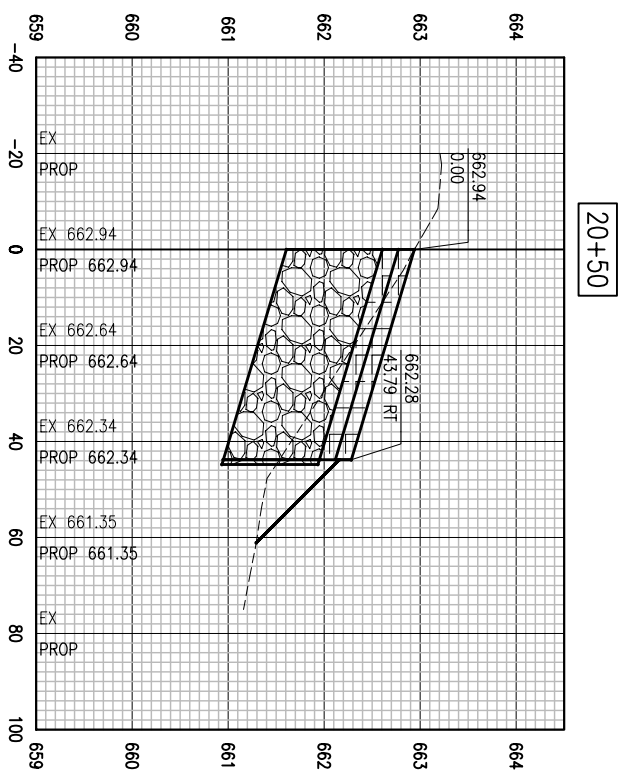
Material(s) at Station 20+40.00			
Material Name	Area	Volume	Cumulative Volume
Cut	44.36	25.83	35.78
Fill	3.44	1.38	1.48



Material(s) at Station 20+20.00			
Material Name	Area	Volume	Cumulative Volume
Cut	25.39	9.94	9.94
Fill	0.28	0.10	0.10



Material(s) at Station 20+60.00			
Material Name	Area	Volume	Cumulative Volume
Cut	37.60	14.82	66.66
Fill	9.07	2.81	6.06



Material(s) at Station 20+50.00			
Material Name	Area	Volume	Cumulative Volume
Cut	42.42	16.07	51.85
Fill	6.09	1.77	3.25

**CONSTRUCT HOLDLINE PAVEMENTS**  
 CROSS SECTIONS  
 AREA 2



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 Filename 15-22 - CROSS SECTIONS.DWG  
 Scale 1"=20'  
 Date xx/xx/xx

LAYOUT xxx xx/xx/xx  
 DRAWN xxx xx/xx/xx  
 REVIEWED xxx xx/xx/xx

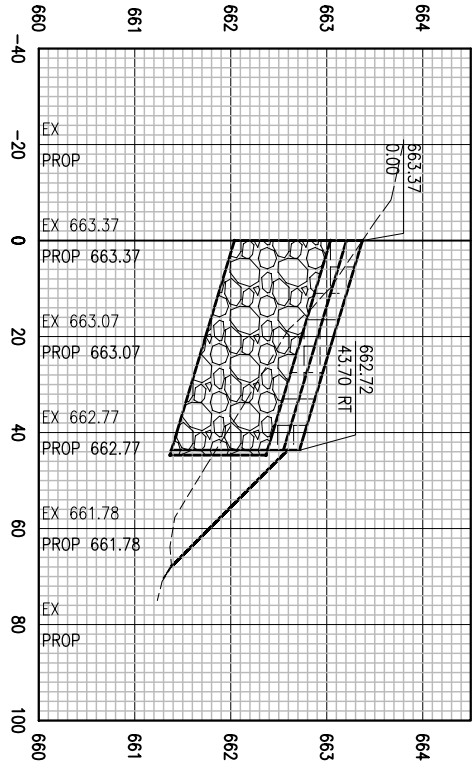


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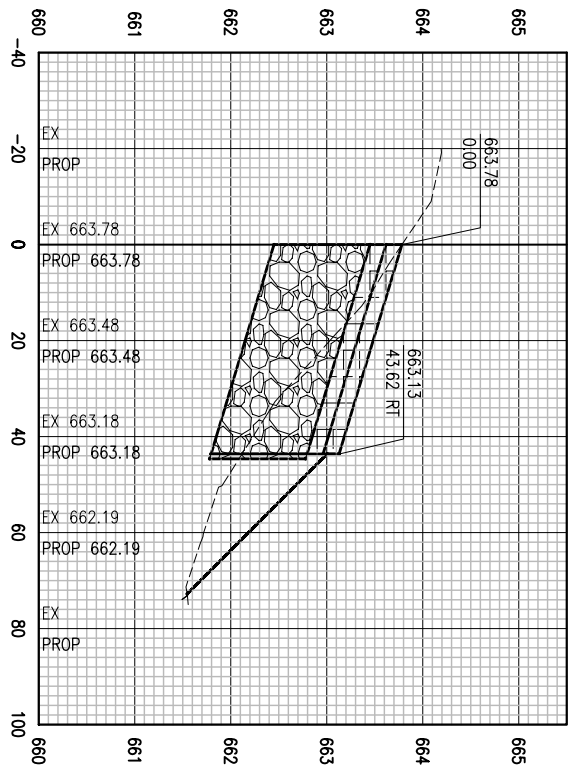
DATE	REVISION

21+00



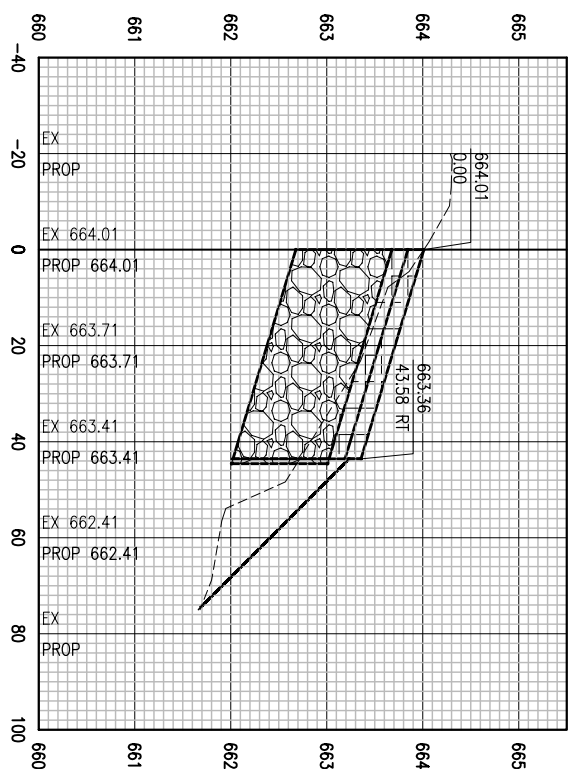
Material(s) at Station 21+00.00			
Material Name	Area	Volume	Cumulative Volume
Cut	37.41	26.13	119.00
Fill	11.11	8.23	21.76

21+40



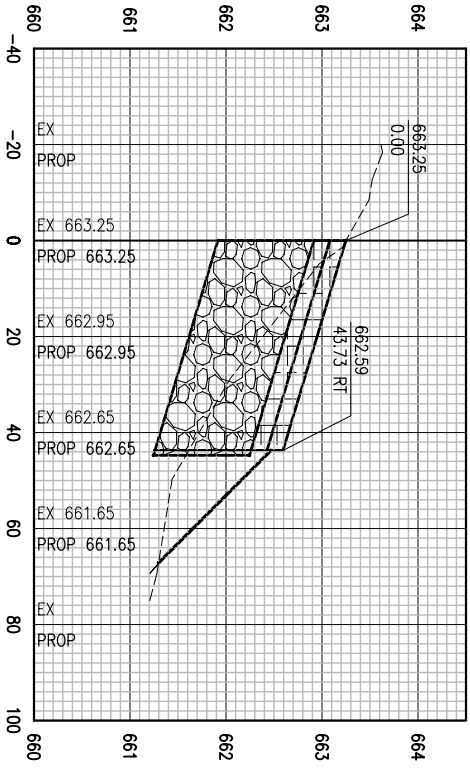
Material(s) at Station 21+40.00			
Material Name	Area	Volume	Cumulative Volume
Cut	36.10	27.71	174.90
Fill	14.80	9.61	39.60

21+60



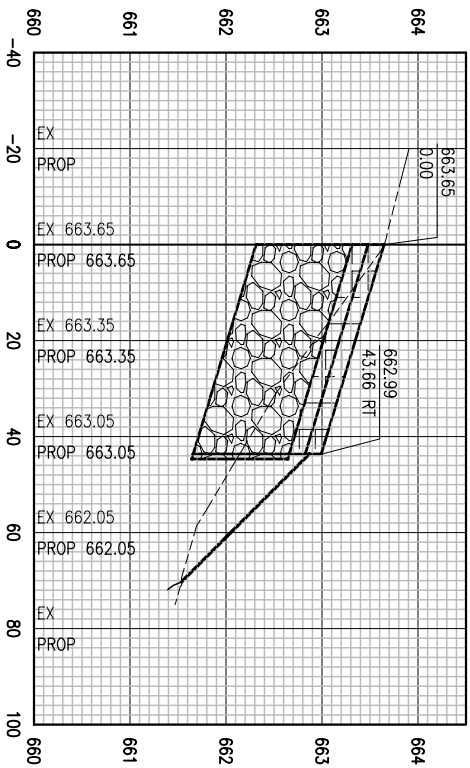
Material(s) at Station 21+60.00			
Material Name	Area	Volume	Cumulative Volume
Cut	43.34	15.24	204.04
Fill	13.11	5.04	50.00

20+80



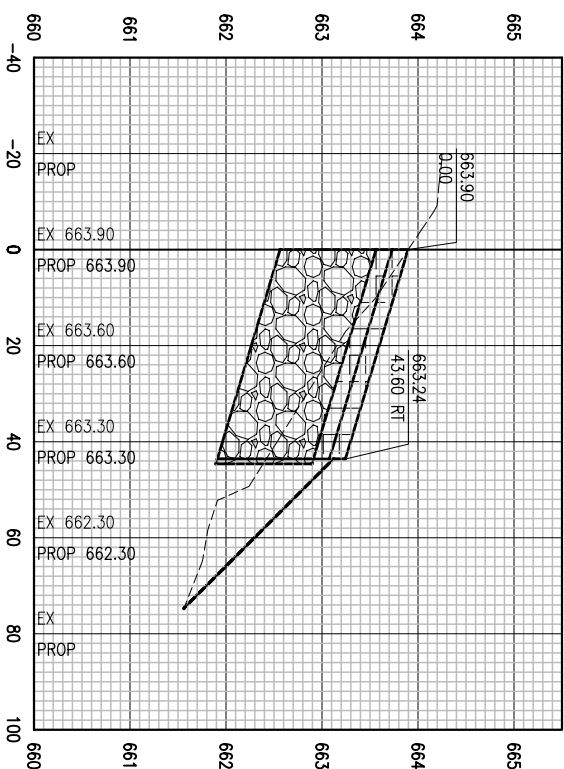
Material(s) at Station 20+80.00			
Material Name	Area	Volume	Cumulative Volume
Cut	33.15	26.20	92.87
Fill	11.10	7.47	13.53

21+20



Material(s) at Station 21+20.00			
Material Name	Area	Volume	Cumulative Volume
Cut	38.71	28.19	147.19
Fill	11.14	8.24	30.00

21+50



Material(s) at Station 21+50.00			
Material Name	Area	Volume	Cumulative Volume
Cut	38.97	13.90	188.80
Fill	14.11	5.35	44.96

CONSTRUCT HOLDLINE  
 PAVEMENTS  
 CROSS SECTIONS  
 AREA 2



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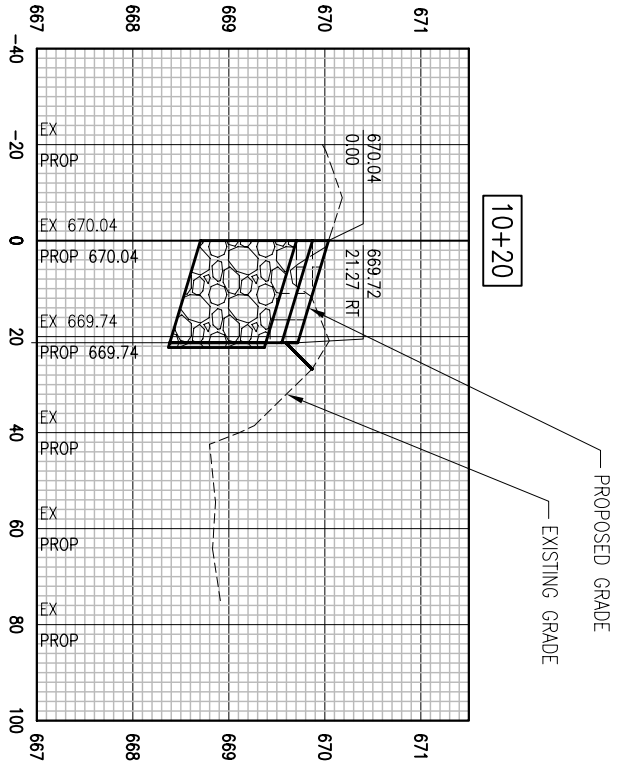
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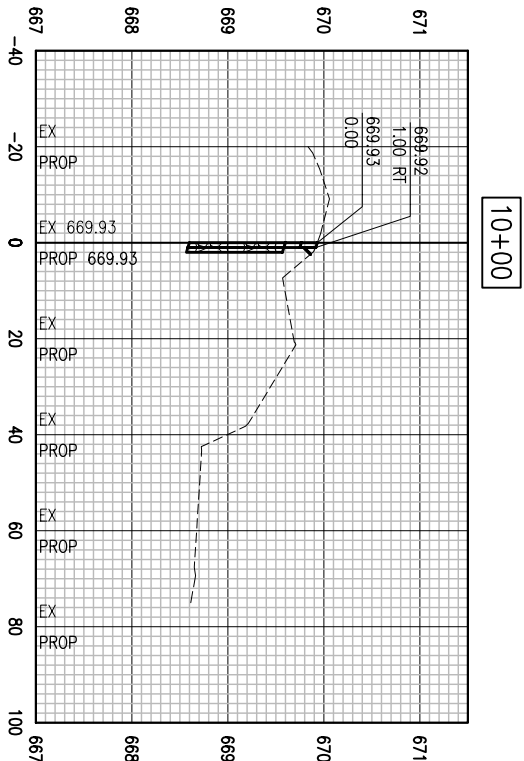
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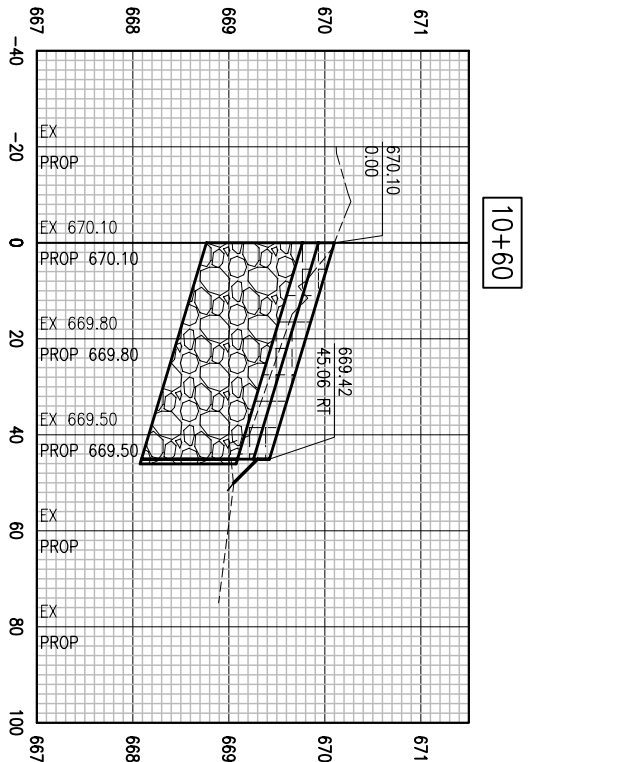




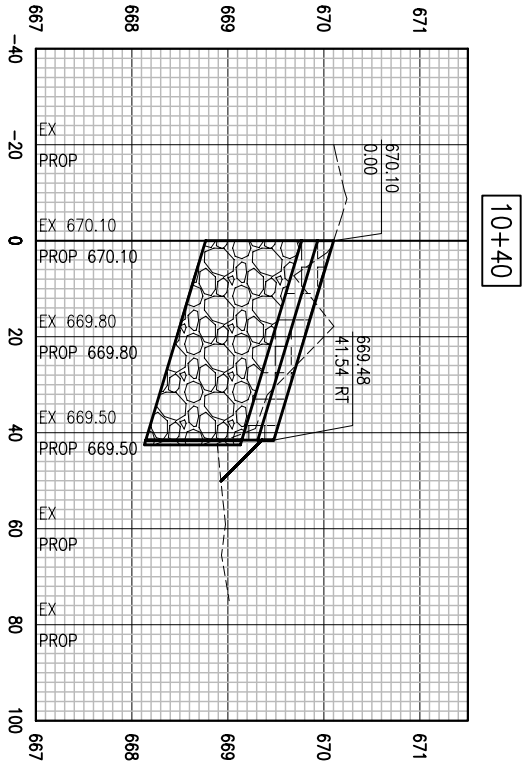
Material(s) at Station 10+20.00			
Material Name	Area	Volume	Cumulative Volume
Cut	29.30	11.38	11.38
Fill	0.00	0.00	0.00



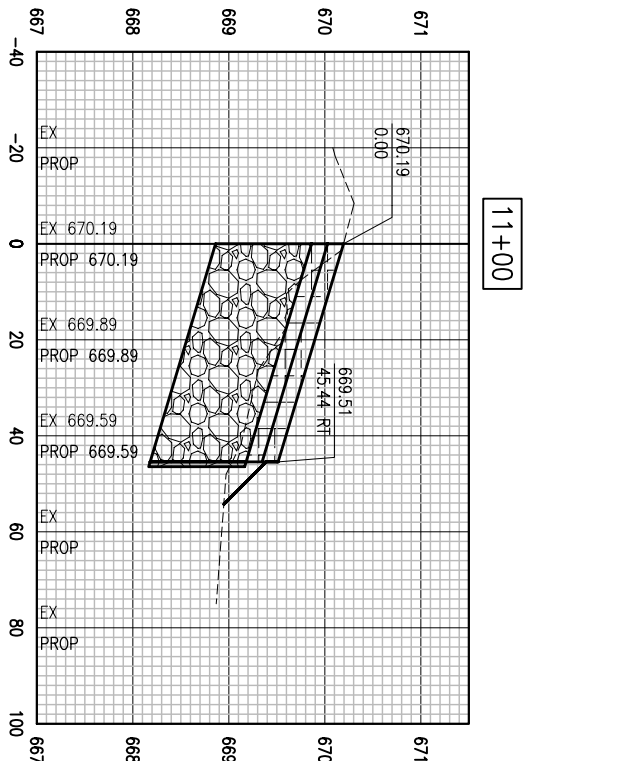
Material(s) at Station 10+00.00			
Material Name	Area	Volume	Cumulative Volume
Cut	1.43	0.00	0.00
Fill	0.00	0.00	0.00



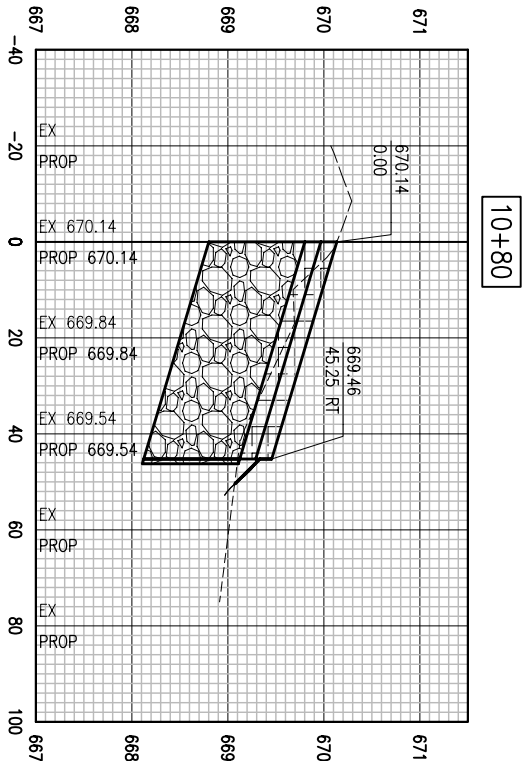
Material(s) at Station 10+60.00			
Material Name	Area	Volume	Cumulative Volume
Cut	49.93	37.94	79.63
Fill	0.69	0.98	1.71



Material(s) at Station 10+40.00			
Material Name	Area	Volume	Cumulative Volume
Cut	52.52	30.31	41.69
Fill	1.96	0.73	0.73



Material(s) at Station 11+00.00			
Material Name	Area	Volume	Cumulative Volume
Cut	43.19	34.11	150.35
Fill	1.73	0.86	3.05



Material(s) at Station 10+80.00			
Material Name	Area	Volume	Cumulative Volume
Cut	48.91	36.61	116.24
Fill	0.60	0.48	2.19

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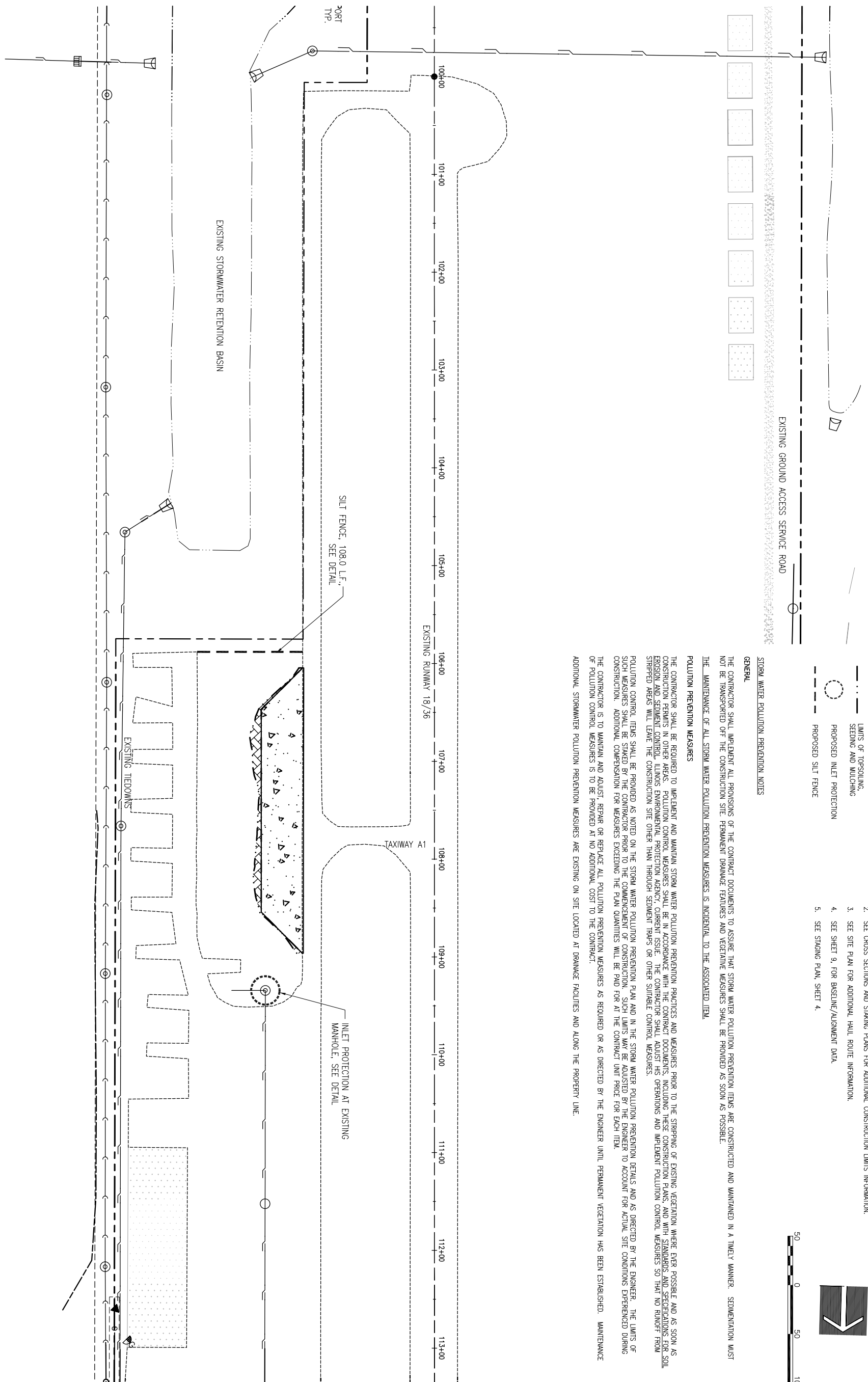
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**CONSTRUCT HOLDLINE  
 PAVEMENTS**

CROSS SECTIONS  
 AREA 3





- LEGEND**
- PROPOSED TOPSOILING, SEEDING AND MULCHING
  - LIMITS OF TOPSOILING, SEEDING AND MULCHING
  - PROPOSED INLET PROTECTION
  - PROPOSED SILT FENCE

- LANDSCAPING NOTES:**
1. OUTER LIMITS OF TOPSOILING, 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 SITE PLAN FOR ADDITIONAL HAUL ROUTE INFORMATION.
  4. SEE SHEET 9, FOR BASELINE/ALIGNMENT DATA.
  5. SEE STAGING PLAN, SHEET 4.



**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 BEGINS 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 EDITION. THE CONTRACTOR SHALL MAINTAIN 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 ACCOMMODATE 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.

**CONSTRUCT HOLDLINE PAVEMENTS**

LANDSCAPING AND STORMWATER POLLUTION PREVENTION PLAN

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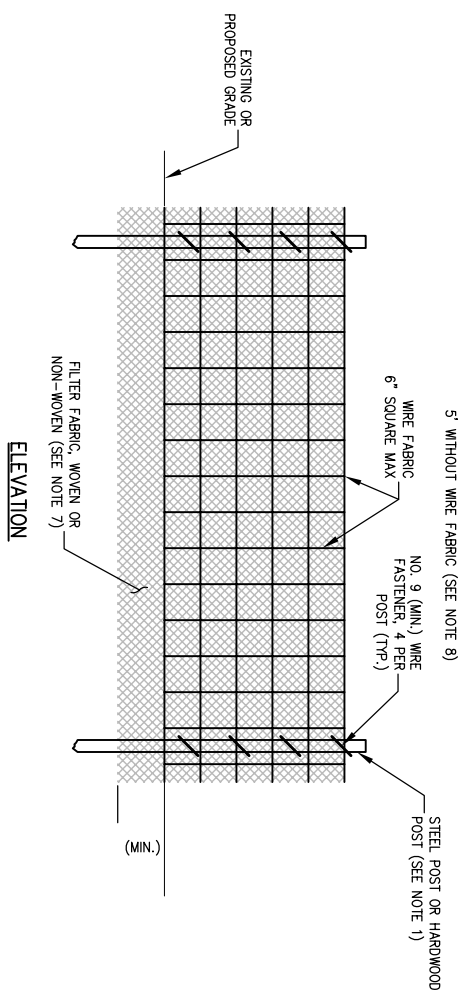
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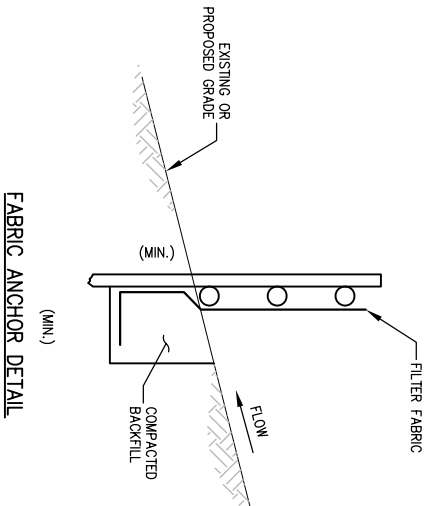
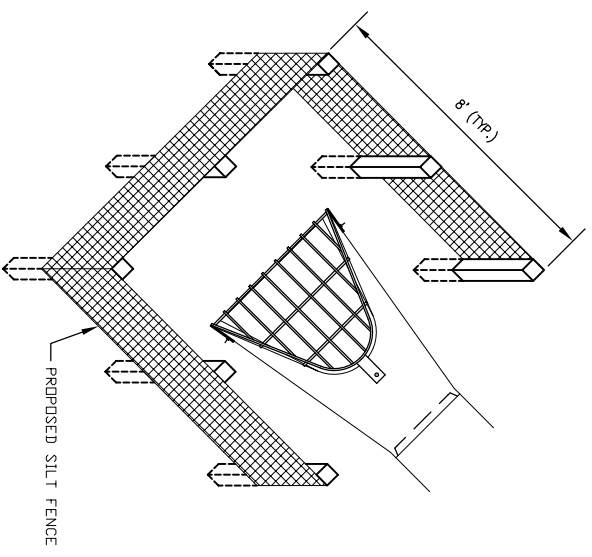
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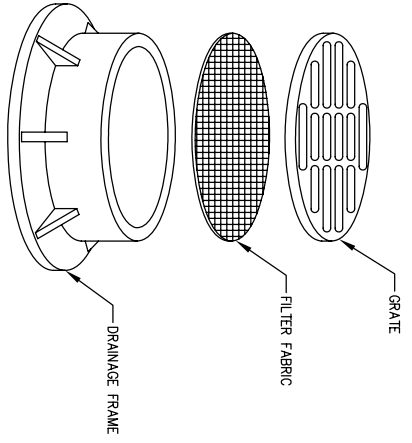


SILT FENCE PLACEMENT AT FLARED END SECTIONS (FES)



FABRIC ANCHOR DETAIL

- NOTES:**
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 MEET, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED AND ATTACHED TO THE WIRE FABRIC AT A POST.
  6. 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.



INLET PROTECTION - DRAINAGE STRUCTURE FILTER WRAP

- NOTES:**
1. FILTER WRAP TO BE PLACED IN ALL MANHOLES AS SHOWN.
  2. FABRIC SHALL BE IN CONFORMANCE WITH MATERIALS SPECIFIED FOR SILT FENCE.
  3. FABRIC SHALL OVERLAY FRAME BY 2 INCHES (MINIMUM).
  4. CONTRACTOR SHALL CLEAR DEBRIS AND SILT AS REQUIRED FROM FABRIC TO MAINTAIN DRAINAGE THROUGH THE STRUCTURE.
  5. FABRIC SHALL REMAIN IN PLACE UNTIL TURNED AREAS HAVE DEVELOPED A MINIMUM OF 80% OF COVERAGE.
  6. COST OF FILTER WRAP SHALL BE INCIDENTAL TO INLET PROTECTION.

CONSTRUCT HOLDLINE PAVEMENTS  
 STORM WATER POLLUTION PREVENTION PLAN DETAILS

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