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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.

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	AS BID	RECORD PAID
AR110501	1-WAY CONC. ENCASED DUCT	LINEAR FOOT	63.0	
AR150510	ENGINEER'S FIELD OFFICE	LUMP SUM	1.0	
AR152410	UNCLASSIFIED EXCAVATION	CUBIC YARD	6,520.0	
AR156510	SILT FENCE	LINEAR FOOT	24.0	
AR156513	SEPARATION FABRIC	SQUARE YARD	6,538.0	
AR156520	INLET PROTECTION	EACH	5.0	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	445.0	
AR209608	CRUSHED AGG. BASE COURSE - 8"	SQUARE YARD	6,538.0	
AR209610	CRUSHED AGG. BASE COURSE - 10"	SQUARE YARD	2,113.0	
AR401613	BIT. SURF. CSE. - METHOD 1, SUPERPAVE	TON	1,375.0	
AR401650	BITUMINOUS PAVEMENT MILLING	SQUARE YARD	4,081.0	
AR401660	SAW & SEAL BIT. JOINTS	LINEAR FOOT	2,115.0	
AR401665	BITUMINOUS PAVEMENT SAWING	LINEAR FOOT	4,440.0	
AR401900	REMOVE BITUMINOUS PAVEMENT	SQUARE YARD	12,596.0	
AR403613	BIT. BASE CSE. - METHOD 1, SUPERPAVE	TON	1,750.0	
AR403620	BITUMINOUS BASE COURSE, LEVELING	TON	664.0	
AR501605	5" PCC SIDEWALK	SQUARE FOOT	3,581.0	
AR501900	REMOVE PCC PAVEMENT	SQUARE YARD	454.0	
AR602510	BITUMINOUS PRIME COAT	GALLON	2,602.0	
AR603510	BITUMINOUS TACK COAT	GALLON	3,148.0	
AR620520	PAVEMENT MARKING - WATERBORNE	SQUARE FOOT	4,600.0	
AR620525	PAVEMENT MARKING - BLACK BORDER	SQUARE FOOT	205.0	
AR701518	18" RCP, CLASS IV	LINEAR FOOT	42.0	
AR705506	6" PERFORATED UNDERDRAIN	LINEAR FOOT	1,781.0	
AR705630	UNDERDRAIN INSPECTION HOLE	EACH	2.0	
AR705640	UNDERDRAIN CLEANOUT	EACH	4.0	
AR751927	REPLACE FRAME & GRATE	EACH	1.0	
AR751943	ADJUST MANHOLE	EACH	4.0	
AR752418	PRECAST REINFORCED CONC. FES 18"	EACH	1.0	
AR752518	GRATING FOR CONC. FES 18"	EACH	1.0	
AR800928	GRAVULAR DRAINAGE SUBBASE - 4"	SQUARE YARD	6,538.0	
AR800967	CRACK CONTROL MATERIAL	SQUARE YARD	6,156.0	
AR901510	SEEDING	ACRE	2.4	
AR905510	TOPSOILING (FROM ON SITE)	CUBIC YARD	1,010.0	
AR908510	MULCHING	ACRE	2.4	

PAYMENT WILL BE MADE UNDER THE ITEM NUMBERS, DESCRIPTIONS AND UNITS NOTED IN THE ABOVE TABLE IN ACCORDANCE WITH THE BASIS OF PAYMENT FOR EACH RESPECTIVE WORK ITEM NOTED IN THE SPECIAL PROVISIONS, COMPLETED AND ACCEPTED BY THE ENGINEER.

DATE	REVISION

LE042

SHEET INDEX AND SUMMARY OF QUANTITIES

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



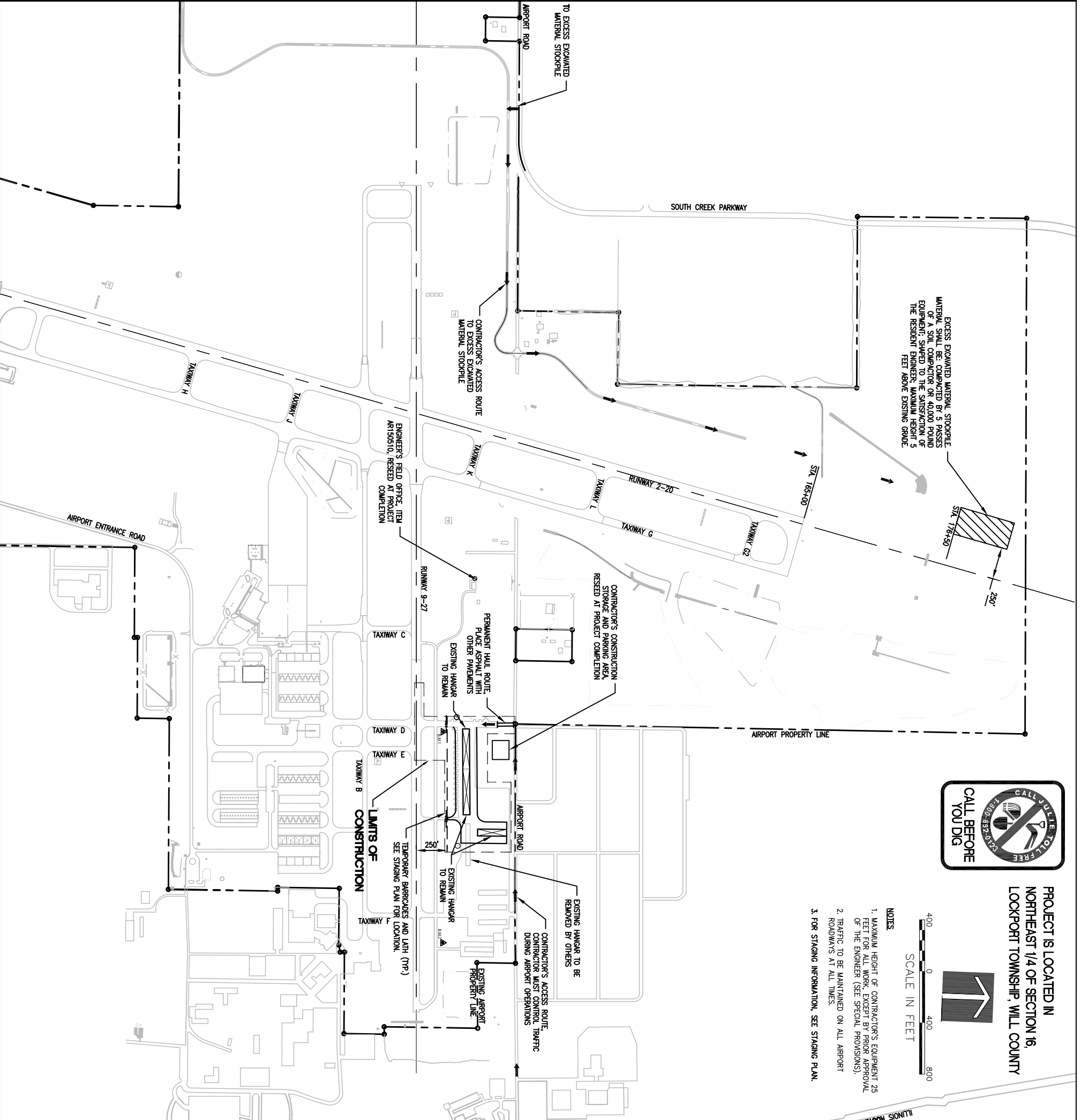
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Hanson Professional Services Inc.
 815 Commerce Drive Suite 200
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Chicago-Romeoville Airport
JOLIET REGIONAL PORT DISTRICT
 1 George Michas Drive
 Romeoville, Illinois 60446
 Telephone: 815.838.9497
 Fax: 815.838.9524



PROJECT IS LOCATED IN
 NORTHEAST 1/4 OF SECTION 16,
 LOCKPORT TOWNSHIP, WILL COUNTY



- NOTES**
1. MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT 25 FEET FOR ALL WORK, EXCEPT BY PRIOR APPROVAL OF THE ENGINEER (SEE SPECIAL PROVISIONS).
 2. TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.
 3. FOR STAGING INFORMATION, SEE STAGING PLAN.

GENERAL NOTES

PROJECT DESCRIPTION
 THIS PROJECT IS TO REHABILITATE PORTIONS OF THE NORTH HANGAR PAVEMENTS AT CHICAGO-ROMEDEVILLE AIRPORT INCLUDING, AMONG OTHER INCIDENTAL WORK, THE FOLLOWING ITEMS:

- PLACEMENT OF TEMPORARY SOIL EROSION CONTROL MEASURES
- REMOVAL OF PORTIONS OF EXISTING PAVEMENTS
- MILLING OF PORTIONS OF EXISTING PAVEMENTS
- INSTALLATION OF UNDERDRAINS AND STORM SEWER, AND UNCLASSIFIED EXCAVATION FOR DRAINAGE SWALES
- CONSTRUCTION OF CONCRETE ENCASED ELECTRICAL DUCTS
- BITUMINOUS ASPHALT CONSTRUCTION OF REPLACEMENT PAVEMENTS
- BITUMINOUS OVERLAY OF EXISTING ASPHALT PAVEMENTS
- CONSTRUCTION OF NEW PAVEMENT AREAS
- PLACEMENT OF PAVEMENT MARKINGS
- TOPSOILING, SEEDING AND MULCHING

PROTECTION OF EXISTING AIRPORT FACILITIES

THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND LIGHTING EQUIPMENT, DRIVEWAY AND ROAD PAVEMENT AND SHOULDERS, RUNWAY, TAXIWAY AND APRON PAVEMENTS AND SHOULDERS, RUNWAY, TAXIWAY AND AIRPORT LIGHTING EQUIPMENT, AND SEEDED AND TURED 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 AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE.

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

CONTRACTOR'S ACCESS AND TEMPORARY FACILITIES

CONTRACTOR'S ACCESS TO THE PROJECT WHEN ON AIRPORT PROPERTY IS SHOWN ON THIS SHEET. CONTRACTOR'S ACCESS TO THE AIRPORT TISLF 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. HEAVY VEHICLES SHALL NOT CROSS EXISTING PAVEMENT SURFACES EXCEPT AS APPROVED BY THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE. 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 OWNER'S REPRESENTATIVE.

THE CONTRACTOR IS TO PROVIDE AN EQUIPMENT, STORAGE AND PARKING AREA AT THE LOCATIONS SHOWN ON THIS SHEET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE ACCESS ROADS AND THE STORAGE AREA DURING CONSTRUCTION AND TO RESTORE THE AREAS AT PROJECT COMPLETION TO CONDITIONS SUITABLE TO THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE. AT THE AIRPORT MANAGER'S DISCRETION, THE TEMPORARY FACILITIES MAY REMAIN, BUT THEY MUST BE LEFT IN CONDITIONS SUITABLE TO THE AIRPORT MANAGER. 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 JOLIET (PHONE 800-692-0231) 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 NOTICED TO BE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE 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 BENCHMARKS

PROJECT BENCHMARKS ARE AS FOLLOWS:

- ▲ N 1,900,236.82
E 1,051,090.54
ELEV. 666.67
B.M.1
- ▲ N 1,900,302.96
E 1,052,719.90
ELEV. 664.18
B.M.2

THIS DATA IS NOT ILLINOIS STATE PLANE COORDINATES

DATE	REVISION

LE042

Chicago-Romeoville Airport
JOLIET REGIONAL PORT DISTRICT
 1 George Michas Drive
 Romeoville, Illinois 60446
 Telephone: 815.838.9497
 Fax: 815.838.9524

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SITE PLAN AND GENERAL NOTES
REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48

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. A CONSTRUCTION STAGING PLAN DETAILING THE SEQUENCING OF THE CONTRACTOR'S WORK THROUGHOUT THE PROJECT IS INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PROVIDE HIS WRITTEN ACCEPTANCE OF THE PROJECT CONSTRUCTION STAGING PLAN AT THE PRE-CONSTRUCTION CONFERENCE. ANY AND ALL CHANGES TO THE CONSTRUCTION STAGING PLAN THAT MAY BE REQUESTED BY THE CONTRACTOR MUST BE APPROVED BY THE PROJECT ENGINEER AND THE AIRPORT OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SUFFICIENT ADVANCE NOTICE OF ANY PROPOSED STAGING CHANGE TO PERMIT CONSIDERATION AND APPROVAL BY THE PROJECT ENGINEER AND THE AIRPORT OWNER. THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY EXTRA COMPENSATION NOR EXTENSION TO THE CONTRACT TIME BECAUSE OF A STAGING CHANGE REQUEST NOR FOR ANY TIME NECESSARY IN RECEIVING THE REQUIRED APPROVALS.

LATHING AND WARNING TAPE

THE PROJECT WILL REQUIRE THE PLACEMENT OF LATHING AND WARNING TAPE TO DELINEATE THE WORK AREA FROM ACTIVE AIRPORT OPERATIONS AREAS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE, PLACE AND MAINTAIN LATHING AND WARNING TAPE SHOWN ON THE STAGING PLAN SHEETS 5 AND 6, AND IN DETAIL A. THIS SHEET, AND AS DIRECTED BY THE AIRPORT OWNER AND THE AIRPORT DIRECTOR, 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 REQUIRE THE PLACEMENT OF BARRICADES TO DELINEATE PORTIONS OF THE CONSTRUCTION AREA AND TO EFFECT TEMPORARY CLOSURES OF ACTIVE RUNWAYS, TAXIWAYS AND APRONS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, PLACE AND MAINTAIN BARRICADES AS SHOWN ON THE STAGING PLAN SHEETS 5 AND 6, AND IN DETAIL B. THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT DIRECTOR, THE COST OF THESE ITEMS, AND THEIR MAINTENANCE, IS TO BE INCIDENTAL TO THE CONTRACT. ANY WORK THAT REQUIRES PORTIONS OF AN ACTIVE TAXIWAY OR APRON TO BE CLOSED MUST BE COMPLETED EXPEDITIOUSLY TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.

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, AND OPEN TRENCHES SHALL BE ALLOWED WITHIN AN ACTIVE RUNWAY SAFETY AREA (RSA) OR AN ACTIVE TAXIWAY SAFETY AREA (TSA) AND/OR WITHIN THE RSA'S DEFINED AS 250 FEET FROM THE ANY CENTERLINE. THE CONTRACTOR WILL HAVE STEEL PLATE TRENCHES TO LOW FROM THE ROAD OPERATOR OF TRENCHES IN AN ACTIVE RSA OR TSA IN THE EVENT OF UNEXPECTED WORK STOPPAGES FOR WEATHER OR AIRPORT EMERGENCIES.

RUNWAY CLOSURE

THE PROJECT WILL REQUIRE THE PLACEMENT OF RUNWAY CLOSURE MARKERS; SEE STAGING PLAN SHEETS 5 AND 6, AND DETAIL C. THIS SHEET, 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.

THE CONTRACTOR WILL INSTALL, OPERATE, MAINTAIN AND REMOVE LIGHTED RUNWAY CLOSURE MARKERS FURNISHED BY THE OWNER AS SPECIFIED ON THIS SHEET AND IN THE SPECIAL PROVISIONS. IF NECESSARY FOR EMERGENCIES OR EXTENDED MAINTENANCE OF THE LIGHTED MARKER EQUIPMENT BY THE CONTRACTOR, THE CONTRACTOR WILL TEMPORARILY USE PRE-MANUFACTURED, VINYL MARKERS TO BE FURNISHED TO THE CONTRACTOR BY THE OWNER. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL, RELOCATE AND MAINTAIN RUNWAY CLOSURE MARKERS AT THE LOCATIONS SHOWN IN THE PLAN, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT OWNER. THE COST OF PLACING AND RELOCATING THESE ITEMS, AND THEIR OPERATION AND MAINTENANCE, IS TO BE INCIDENTAL TO THE CONTRACT.

THE AIRPORT OWNER WILL DE-ENERGIZE AIRPORT/RUNWAY NAVAIDS, AND AIRFIELD LIGHTING POWER AND CONTROL CIRCUITS WHEN THE RUNWAY IS CLOSED.

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 RELOCATE THE ITEMS AS REQUIRED. THE COST OF THIS WORK IS TO BE INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL SECURE ANY PERMITS FOR HAULING ON LOCAL STREET OR STATE HIGHWAYS AS REQUIRED.

CONTRACTOR SHALL PROVIDE, INSTALL AND REMOVE ALL TRAFFIC CONTROL ITEMS WHEN CONSTRUCTION ACTIVITIES ARE WITHIN 15 FEET OF AN ACTIVE ROADWAY EDGE OR AS REQUIRED BY THE SITE PLAN. COST OF THIS WORK 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 SITE PLAN FOR THE CURRENT WORK. CONTRACTOR'S PERSONNEL AND EQUIPMENT MUST REMAIN AT LEAST 250 FEET FROM THE CENTERLINE OF ACTIVE RUNWAYS, 1,000 FEET FROM THE END OF ACTIVE RUNWAYS, 655 FEET FROM THE CENTERLINE OF ACTIVE TAXIWAYS, 44.5 FEET FROM T-HANGAR TAXIWAYS AND 10 FEET FROM THE EDGE OF ACTIVE APRONS.

WHEN IT IS NECESSARY FOR CONSTRUCTION VEHICLES TO OPERATE ON OR WITHIN THESE LIMITS, THE RUNWAY, TAXIWAYS OR APRON MUST BE CLOSED. THE CONTRACTOR WILL PROVIDE POSITIVE CONTROL OF CONSTRUCTION ZONES USING RADIALLY-EMITTED FLASHERS, AS REFERENCED. EQUIPMENT OPERATING IN CONSTRUCTION AREAS SHALL BE EQUIPPED WITH RIGHT-OF-WAY CONSTRUCTION SIGNALS THAT CROSS ANY 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 SITE PLAN, SHEET 3. 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.

ALL CONTRACTOR EQUIPMENT IS LIMITED TO A HEIGHT OF 25 FEET.

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 SCHEDULE DURATION OF THE CLOSING MUST BE APPROVED BY THE RESIDENT ENGINEER AND THE AIRPORT OWNER. 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.

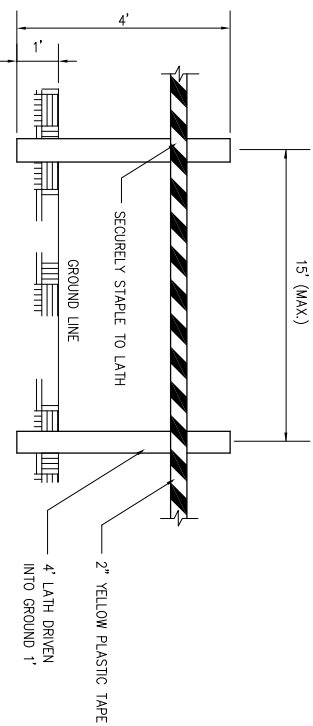
CONTRACTOR'S USE OF SITE

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 MAGINARY SURFACES AS DEFINED IN FEDERAL AVIATION REGULATIONS (FAR) PART 77, "OBJECTS AFFECTING NAVIGABLE AIRSPACE".

THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF THE WORK AREA PRIOR TO BEGINNING WORK AT A NEW LOCATION.

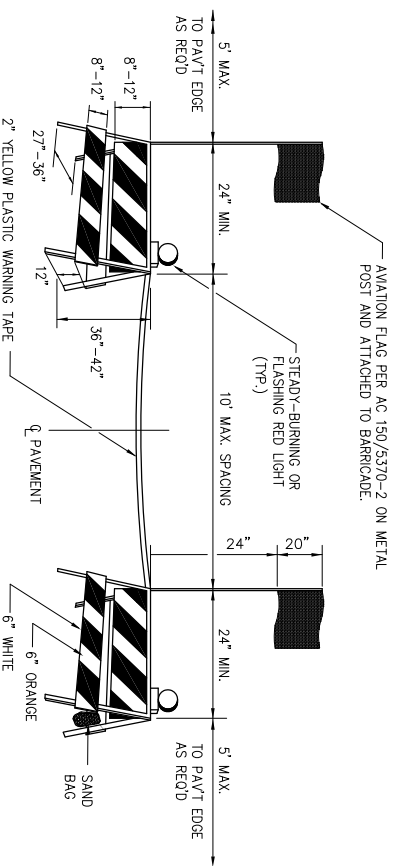
UTILITY OUTAGES AND SHUTDOWNS

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.



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

DETAIL A LATHING AND WARNING TAPE



BARRICADES ARE TO BE OF IDOT TYPE 1. A STEADY-BURNING OR FLASHING RED LIGHT FACING PASSING TRAFFIC IS TO BE MOUNTED ABOVE THE TOP OF EACH BARRICADE FRAME. THE BARRICADE IS TO BE STABILIZED FROM WIND BY SANDBAGS PLACED ON THE FRAME OR OTHER METHODS APPROVED BY THE RESIDENT ENGINEER. NO PART OF THE REFLECTORIZED PORTION OF THE BARRICADE IS TO BE OBSTRUCTED IN ANY MANNER. COST OF FURNISHING, INSTALLING, RELOCATING, MAINTAINING AND REMOVING BARRICADES IS TO BE INCIDENTAL TO THE CONTRACT.

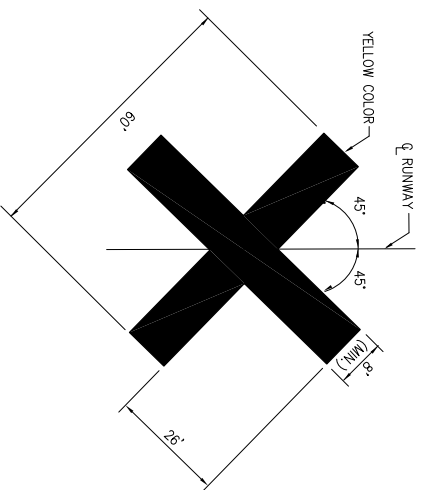
DETAIL B PAVEMENT BARRICADES



NOTES

1. LIGHTED MARKER SHALL BE FURNISHED BY THE OWNER.
2. THE LIGHTED MARKERS SHALL BE PLACED OVER THE RUNWAY NUMERALS AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. LIGHTED MARKERS SHALL BE SECURED FROM WIND EFFECTS BY THE CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.
4. THE LIGHTED MARKERS SHALL BE IN PLACE AND OPERATING WHENEVER THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS BE-OPENED.
5. SHOULD IT BE NECESSARY FOR THE CONTRACTOR TO TEMPORARILY REMOVE THE LIGHTED MARKERS FROM SERVICE, SUCH INTERRUPTION SHALL BE DURING DAYLIGHT CONDITIONS ONLY. THE LIGHTED MARKER SHALL BE REPLACED WITH OWNER-SUPPLIED VINYL MARKERS, WHICH SHALL BE PLACED, SECURED AND REMOVED BY THE CONTRACTOR AS SHOWN IN THE DETAIL, THIS SHEET. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

LIGHTED RUNWAY CLOSURE MARKER



NOTES

1. VINYL MARKERS SHALL BE FURNISHED BY THE OWNER. THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS FOR INSTALLING, RELOCATING AND MAINTAINING THE MARKERS, WHOSE COST SHALL BE INCIDENTAL TO THE CONTRACT.
2. CONTRACTOR SHALL LOCATE THE MARKERS ON TOP OF THE RUNWAY NUMERALS DURING CLOSURE OF THE RUNWAY.
3. MARKERS TO BE SECURED BY CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.

VINYL RUNWAY CLOSURE MARKER

(DAYLIGHT USE ONLY)

DETAIL C RUNWAY CLOSURE MARKERS

DETAILS SHOWN ARE NOT TO SCALE

DATE	REVISION

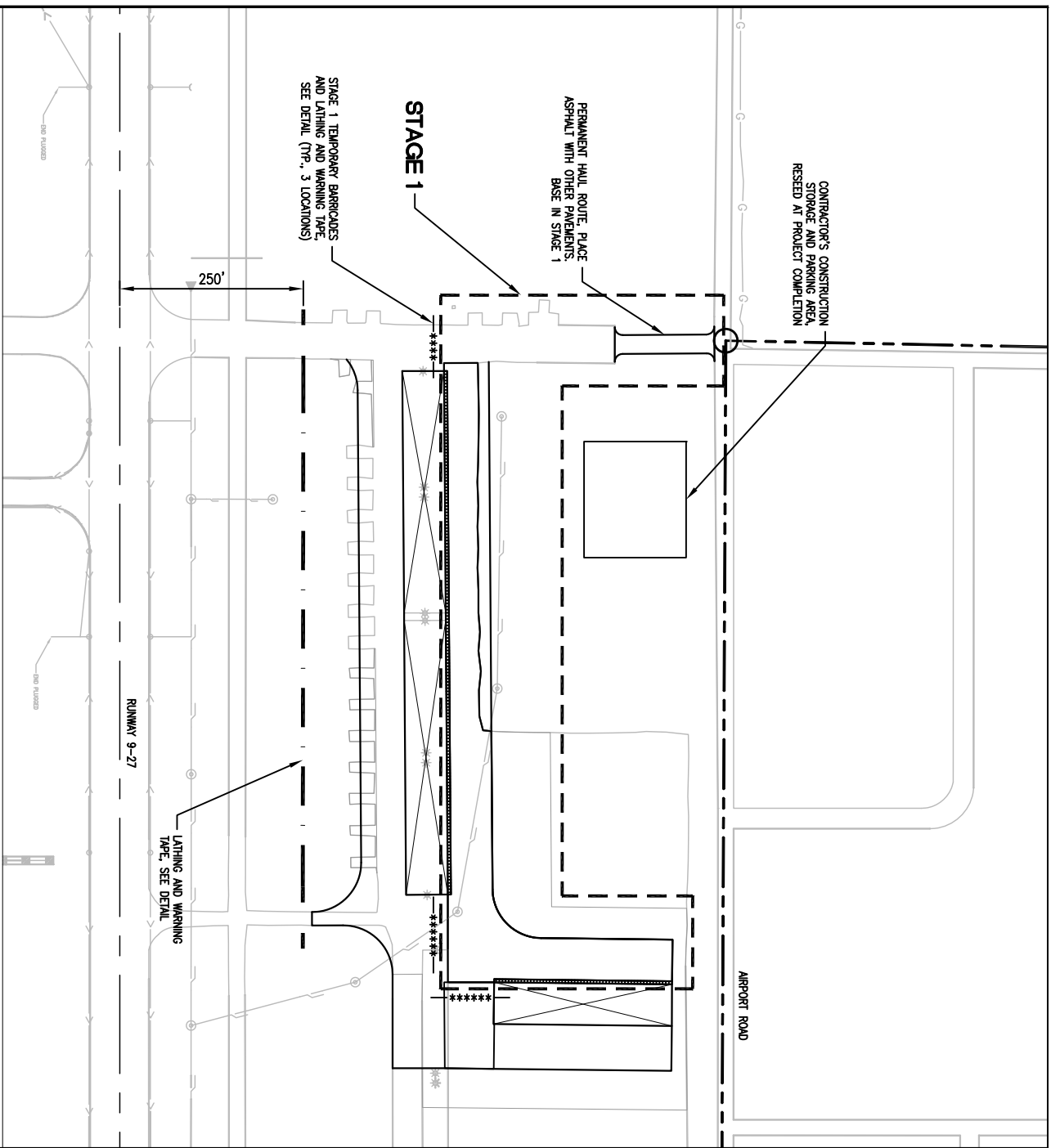
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Chicago-Romeoville Airport
JOLIET REGIONAL PORT DISTRICT
1 George Michas Drive
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

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REVIEWED	RMH 4/22/11

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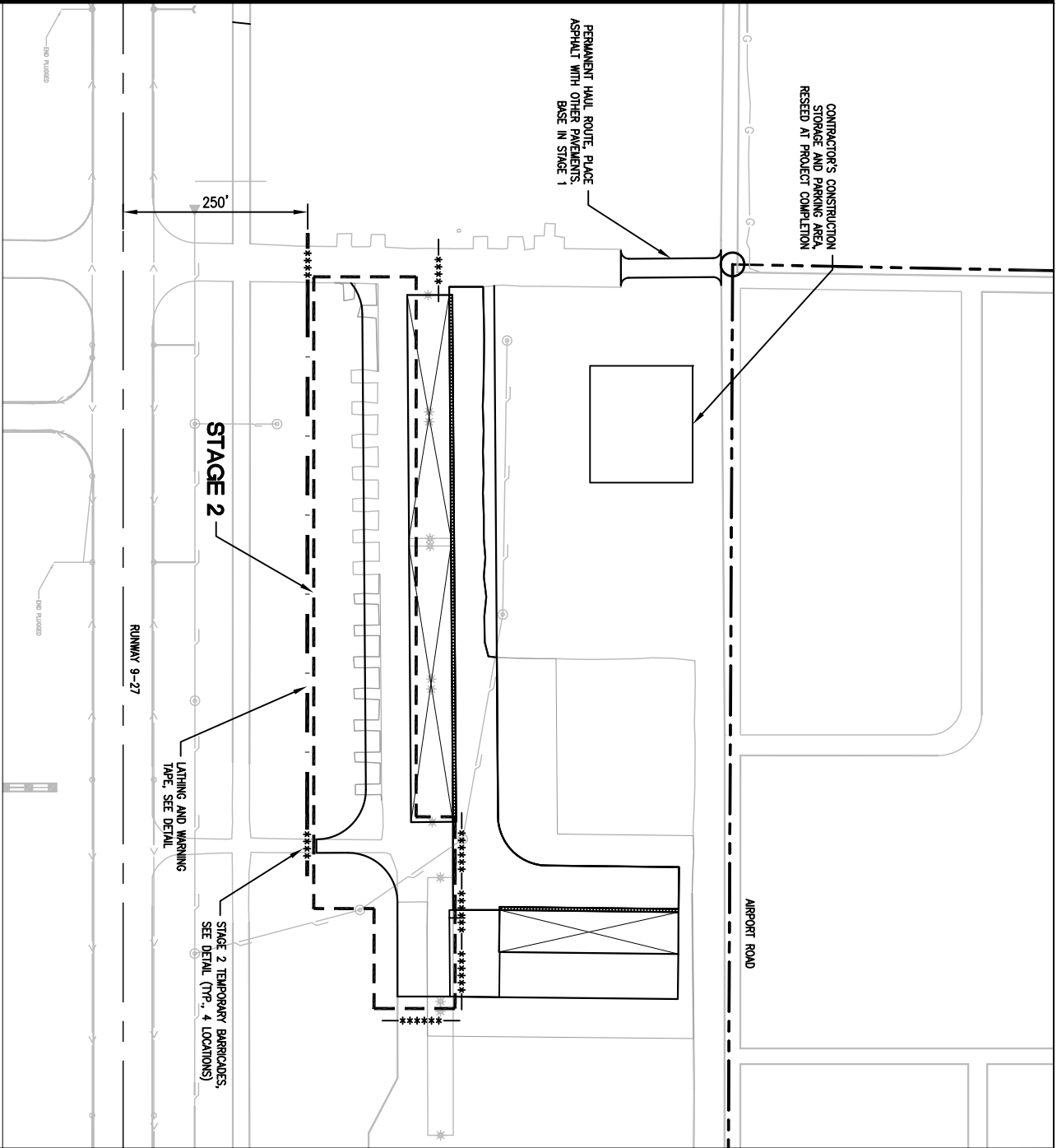
CONSTRUCTION AND SAFETY NOTES AND DETAILS	
REHABILITATE NORTH HANGAR PAVEMENTS,	AIP No. 3-17-0140-B48
IDA No. LOT-4020	



STAGE 1

NOTES:

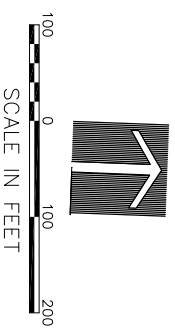
- ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
 - ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 25 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER.
 - CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 9-27 AT ANY TIME.
 - SEE CONSTRUCTION AND SAFETY NOTES, SHEET 4.
- THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 1:**
- INSTALL EROSION CONTROL MEASURES FOR ENTIRE PROJECT AREA.
 - REMOVE EXISTING PAVEMENTS WITHIN STAGE 1 LIMITS.
 - INSTALL AGGREGATE AND BASE COURSE WITHIN STAGE 1 LIMITS.
 - INSTALL SIDEWALK WITHIN STAGE 1 LIMITS.
 - INSTALL UNDERDRAIN AND STORM SEWER WITHIN STAGE 1 LIMITS.
 - TOPSOIL, SEEDING AND MULCHING WITHIN STAGE 1 LIMITS.



STAGE 2

NOTES:

- ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
 - ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 25 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER.
 - CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 9-27 AT ANY TIME.
 - SEE CONSTRUCTION AND SAFETY NOTES, SHEET 4.
- THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 2:**
- REMOVE EXISTING ASPHALT AND PCC PAVEMENTS WITHIN STAGE 2 LIMITS.
 - MILL EXISTING PAVEMENTS WITHIN STAGE 2 LIMITS.
 - INSTALL AGGREGATE AND BASE COURSE WITHIN STAGE 2 LIMITS.
 - INSTALL UNDERDRAIN AND STORM SEWER WITHIN STAGE 2 LIMITS.
 - TOPSOIL, SEEDING AND MULCHING WITHIN STAGE 2 LIMITS.



CONSTRUCTION STAGING PLAN - STAGE 1 AND 2

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



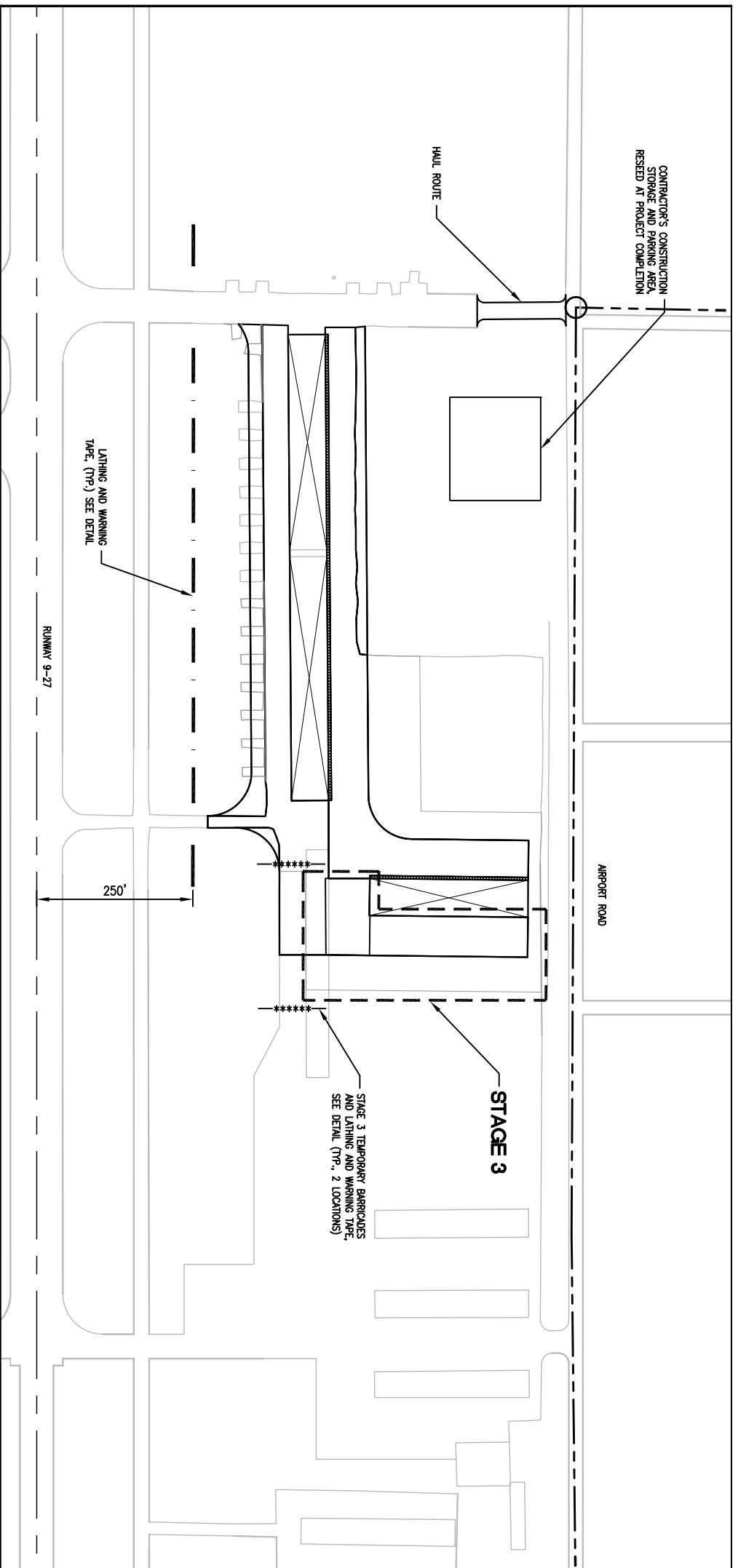
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Hanson No. 10A0072
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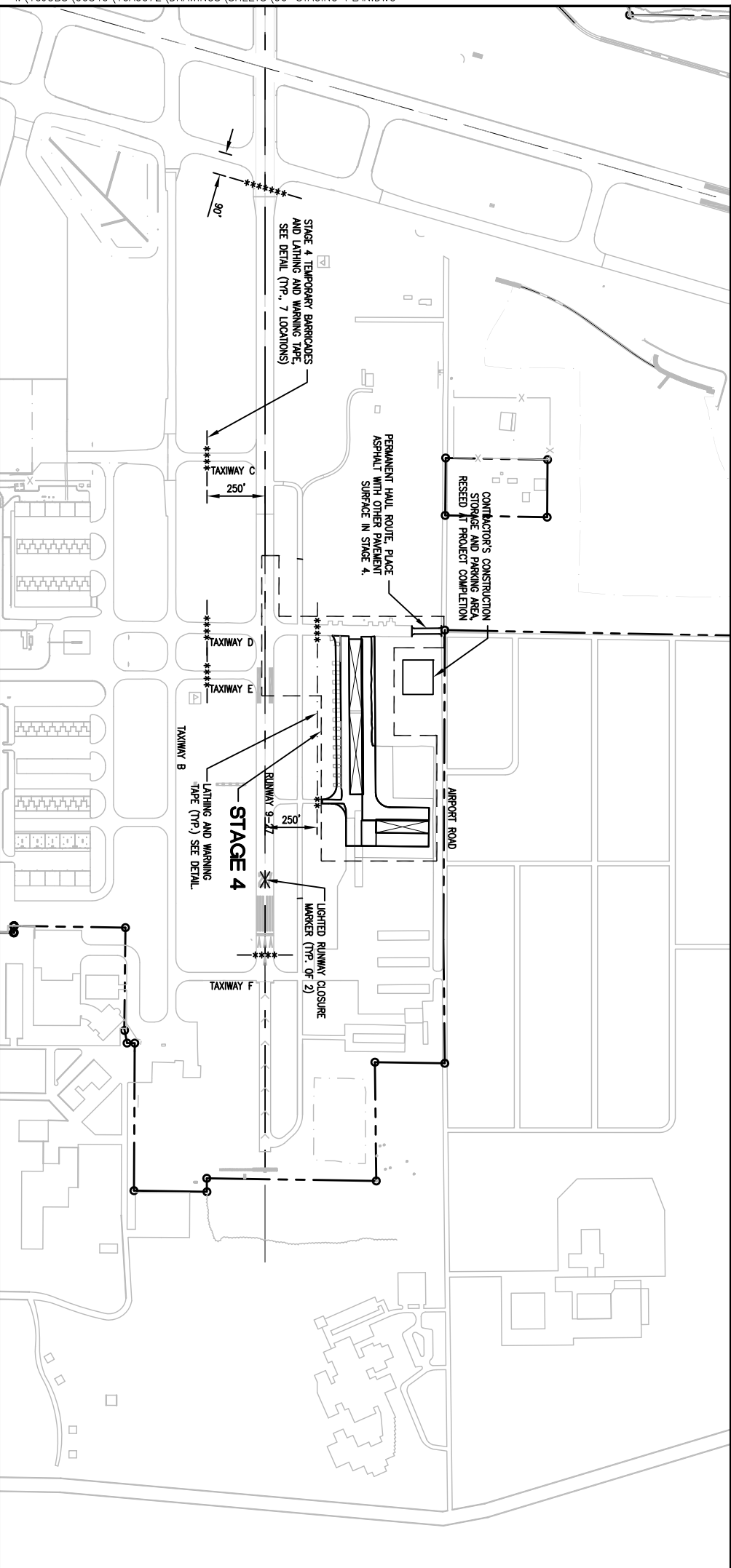
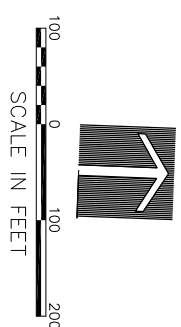
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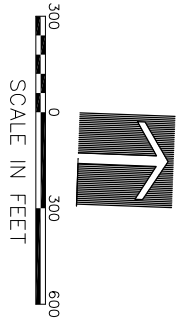
STAGE 3

- NOTES:**
- ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
 - ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 29 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER.
 - CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 9-27 AT ANY TIME.
 - SEE CONSTRUCTION AND SAFETY NOTES, SHEET 4.
 - **THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 3:**
 - MILL EXISTING PAVEMENTS WITHIN STAGE 3 LIMITS.
 - REMOVE EXISTING PAVEMENTS WITHIN STAGE 3 LIMITS.
 - INSTALL AGGREGATE BASE COURSE WITHIN STAGE 3 LIMITS.
 - TOPSOIL, SEEDING AND MULCHING WITHIN STAGE 3 LIMITS.

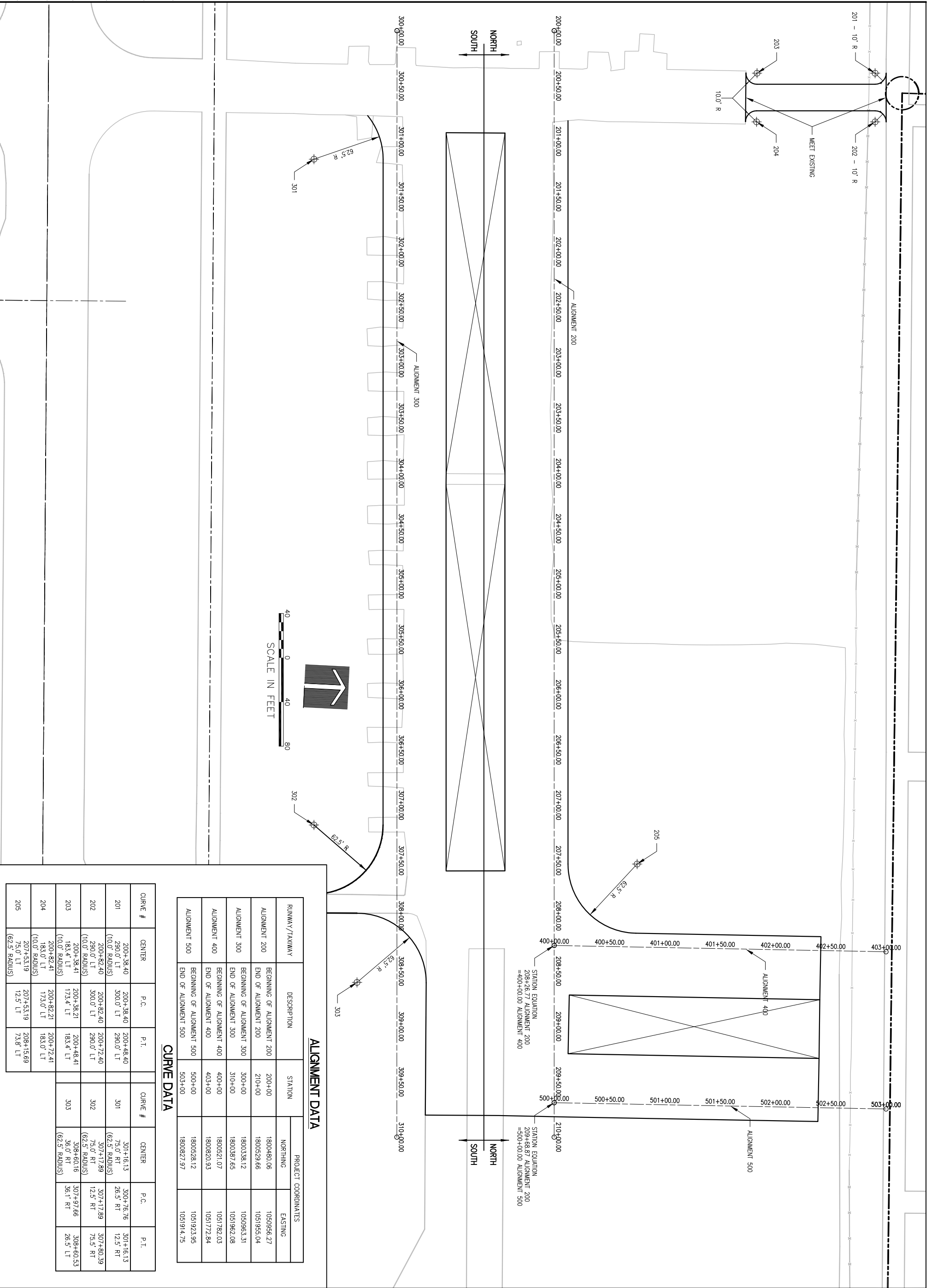


STAGE 4

- NOTES:**
- ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
 - ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 29 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER.
 - **RUNWAY 9-27 WILL HAVE TO BE CLOSED TO COMPLETE THE MARKING. ALL MARKING THAT REQUIRES THE RUNWAY CLOSURE (WITHIN 250 FEET) SHALL BE COMPLETED WITHIN ONE DAY.**
 - SEE CONSTRUCTION AND SAFETY NOTES, SHEET 4.
 - **THE FOLLOWING ITEMS ARE TO BE COMPLETED IN STAGE 4:**
 - INSTALL SURFACE COURSE WITHIN STAGE 4 LIMITS.
 - MARKING WITHIN STAGE 4 LIMITS.



<p style="font-size: 2em; font-weight: bold;">6</p> <p>6 of 38 sheets</p>	<p>CONSTRUCTION STAGING PLAN - STAGE 3 AND 4</p>	<p>HANSON Copyright Hanson Professional Services Inc. 2011</p>	Hanson No. 10A0072 Filename 06-STAGING PLAN.DWG Scale 1"=150' Date APRIL 22, 2011	<p>Chicago-Romeoville Airport JOLIET REGIONAL PORT DISTRICT</p>	1 George Michas Drive Romeoville, Illinois 60446 Telephone: 815.838.9497 Fax: 815.838.9524	<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> </tbody> </table>	DATE	REVISION														
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<p>REHABILITATE NORTH HANGAR PAVEMENTS, IDA No. LOT-4020 AIP No. 3-17-0140-B48</p>	<p>Hanson Professional Services Inc. 815 Commerce Drive Suite 200 Oak Brook, Illinois 60523</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>LAYOUT</td> <td>LDH</td> <td>1/4/11</td> </tr> <tr> <td>DRAWN</td> <td>LDH</td> <td>1/4/11</td> </tr> <tr> <td>REVIEWED</td> <td>RMH</td> <td>4/22/11</td> </tr> </table>	LAYOUT	LDH	1/4/11	DRAWN	LDH	1/4/11	REVIEWED	RMH	4/22/11	<p style="text-align: center; font-weight: bold;">LE042</p>										
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DRAWN	LDH	1/4/11																				
REVIEWED	RMH	4/22/11																				



ALIGNMENT DATA

RUNWAY/TAXIWAY	DESCRIPTION	STATION	PROJECT COORDINATES	
			NORTHING	EASTING
ALIGNMENT 200	BEGINNING OF ALIGNMENT 200	200+00	1800480.06	1050956.27
	END OF ALIGNMENT 200	210+00	1800529.66	1051955.04
ALIGNMENT 300	BEGINNING OF ALIGNMENT 300	300+00	1800338.12	1050963.31
	END OF ALIGNMENT 300	310+00	1800387.65	1051962.08
ALIGNMENT 400	BEGINNING OF ALIGNMENT 400	400+00	1800521.07	1051782.03
	END OF ALIGNMENT 400	403+00	1800820.93	1051722.84
ALIGNMENT 500	BEGINNING OF ALIGNMENT 500	500+00	1800528.12	1051923.95
	END OF ALIGNMENT 500	503+00	1800827.97	1051914.75

CURVE DATA

CURVE #	CENTER	P.C.	P.T.	CURVE #	CENTER	P.C.	P.T.
201	200+38.40 (100.0' RADIUS)	200+38.40 290.0' LT	200+48.40 290.0' LT	301	301+16.13 (62.5' RADIUS)	300+76.76 26.5' RT	301+16.13 12.5' RT
202	200+82.40 (100.0' RADIUS)	200+82.40 300.0' LT	200+72.40 290.0' LT	302	307+17.89 (62.5' RADIUS)	307+17.89 12.5' RT	307+80.39 75.5' RT
203	200+38.41 (100.0' RADIUS)	200+38.21 183.4' LT	200+48.41 183.4' LT	303	308+60.16 (62.5' RADIUS)	307+97.66 36.1' RT	308+60.53 26.5' LT
204	200+82.41 (100.0' RADIUS)	200+82.21 183.0' LT	200+72.41 183.0' LT				
205	207+53.19 (62.5' RADIUS)	207+53.19 75.0' LT	208+15.69 73.8' LT				

ALIGNMENT AND CURVE DATA

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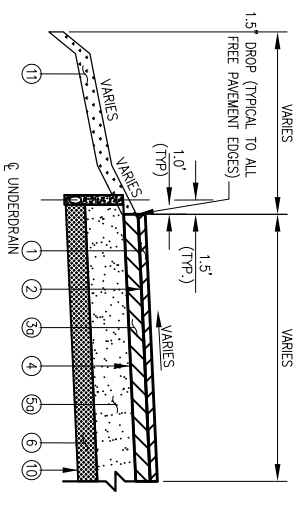
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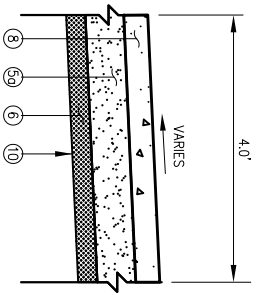
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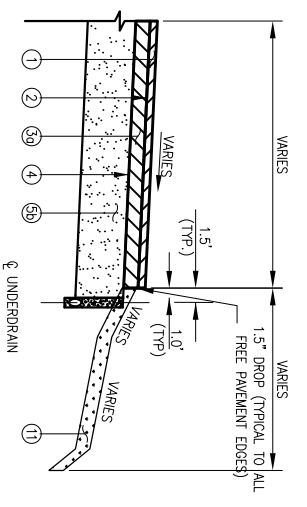
TYPICAL SECTION - NEW PAVEMENT NORTH AND REMOVE/REPLACE SECTION

- ① PROPOSED 1 1/2 INCH BITUMINOUS SURFACE COURSE, ITEM AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED 2 1/4 INCH BITUMINOUS BASE COURSE, ITEM AR403613
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑤ PROPOSED 8 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209608
- ⑥ PROPOSED 4 INCH DRAINAGE LAYER, ITEM AR800928
- ⑩ PROPOSED SEPARATION FABRIC, ITEM AR156513
- ⑪ PROPOSED 3 INCH TOPSOIL, ITEM 905510



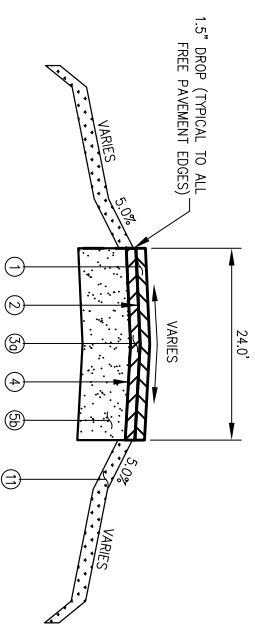
TYPICAL SECTION - SIDEWALK

- ⑤ PROPOSED 8 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209608
- ⑥ PROPOSED 4 INCH DRAINAGE LAYER, ITEM AR800928
- ⑨ PROPOSED 5 INCH PCC SIDEWALK, ITEM AR501605
- ⑩ PROPOSED SEPARATION FABRIC, ITEM AR156513



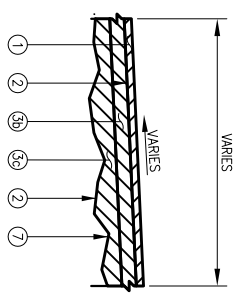
TYPICAL SECTION - NEW PAVEMENT SOUTH

- ① PROPOSED 1 1/2 INCH BITUMINOUS SURFACE COURSE, ITEM AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED 2 1/4 INCH BITUMINOUS BASE COURSE, ITEM AR403613
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑤ PROPOSED 10 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209610
- ⑪ PROPOSED 3 INCH TOPSOIL, ITEM AR905510



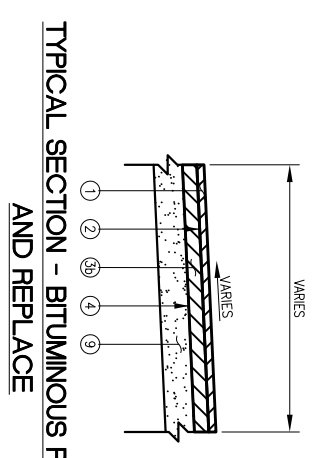
TYPICAL SECTION - HAUL ROAD

- ① PROPOSED 1 1/2 INCH BITUMINOUS SURFACE COURSE, ITEM AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED 2 1/4 INCH BITUMINOUS BASE COURSE, ITEM AR403613
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑤ PROPOSED 10 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209610
- ⑪ PROPOSED 3 INCH TOPSOIL, ITEM AR905510



TYPICAL SECTION - OVERLAY

- ① PROPOSED 1 1/2 INCH BITUMINOUS SURFACE COURSE, ITEM AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED 1 1/2 INCH BITUMINOUS BASE COURSE, ITEM AR403613
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑤ PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ⑦ PROPOSED PROPOSED CRACK CONTROL MATERIAL, ITEM AR800967



TYPICAL SECTION - BITUMINOUS REMOVAL AND REPLACE

- ① PROPOSED 1 1/2 INCH BITUMINOUS SURFACE COURSE, ITEM AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED 1 1/2 INCH BITUMINOUS BASE COURSE, ITEM AR403613
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑤ PROPOSED CRUSHED AGGREGATE BASE COURSE, DEPTH VARIES, ITEM AR209510

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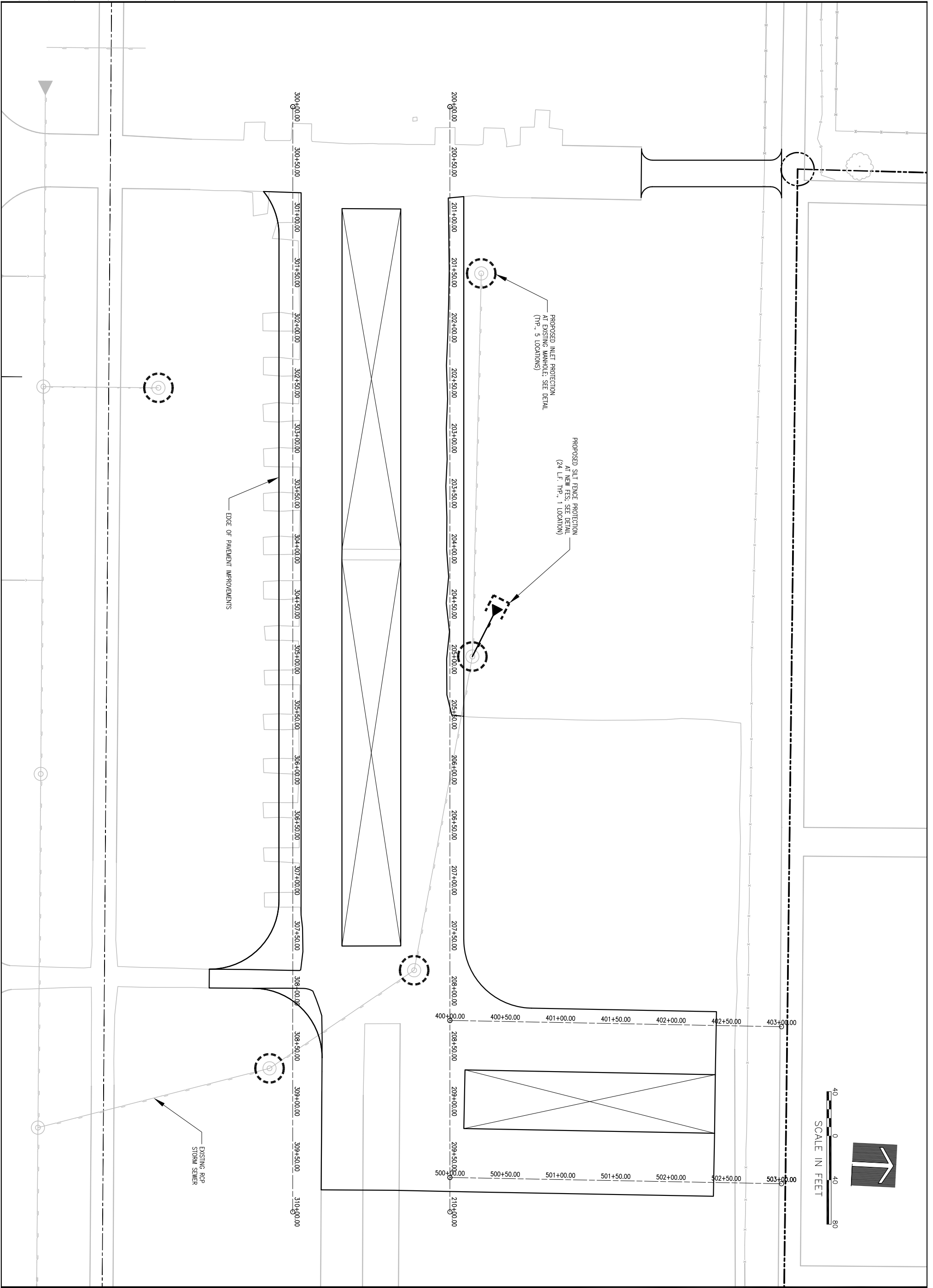
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TYPICAL PAVEMENT SECTIONS
REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



STORM WATER POLLUTION PREVENTION PLAN

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



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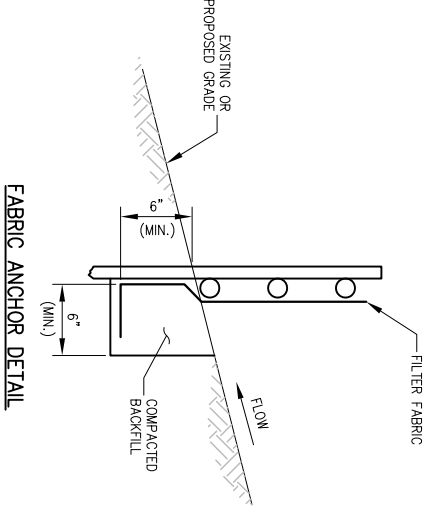
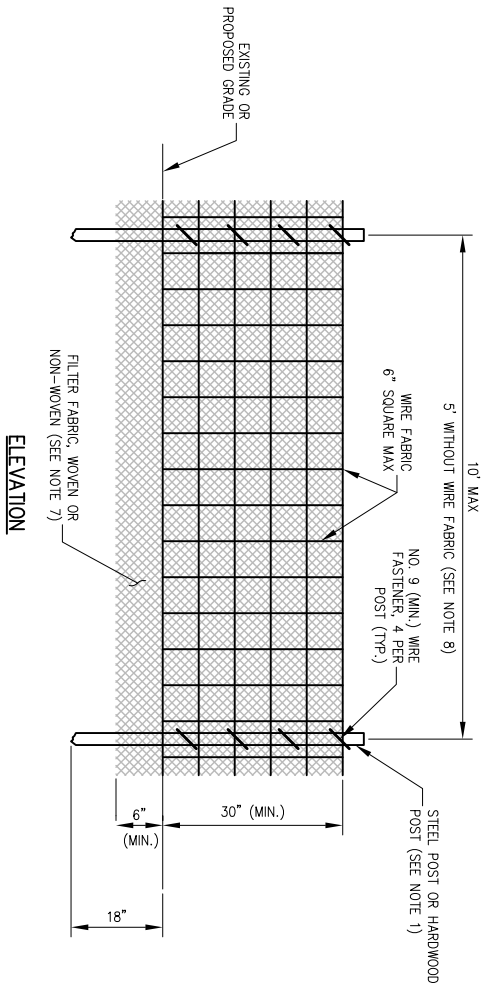
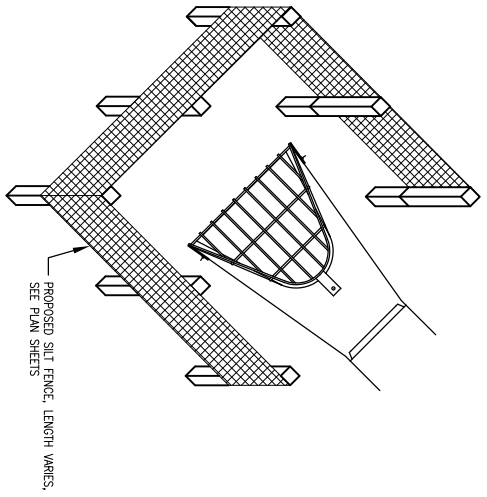
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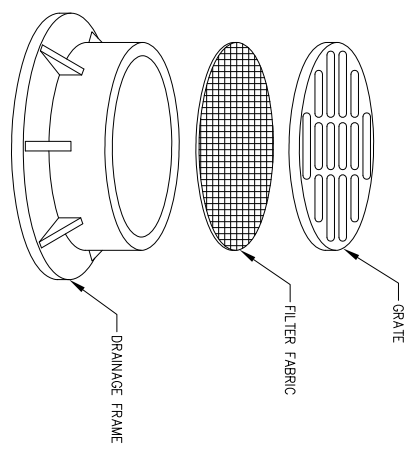
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NOTES:

1. FENCE POST SHALL BE EITHER STEEL, 1" 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. FILTER FABRIC SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
7. WIRE FABRIC MAY BE OMITTED IF A MAXIMUM OF 5 FEET IS USED FOR POST-TO-POST SPACING.
8. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
9. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
10. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. FENCING INSPECTION SHALL BE PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
11. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN THE SILT FENCE.
12. IF DEMATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
13. FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.
14. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.



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.

INLET PROTECTION – DRAINAGE STRUCTURE FILTER WRAP

STORM WATER POLLUTION PREVENTION NOTES

GENERAL

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

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

POLLUTION PREVENTION MEASURES

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

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

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

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

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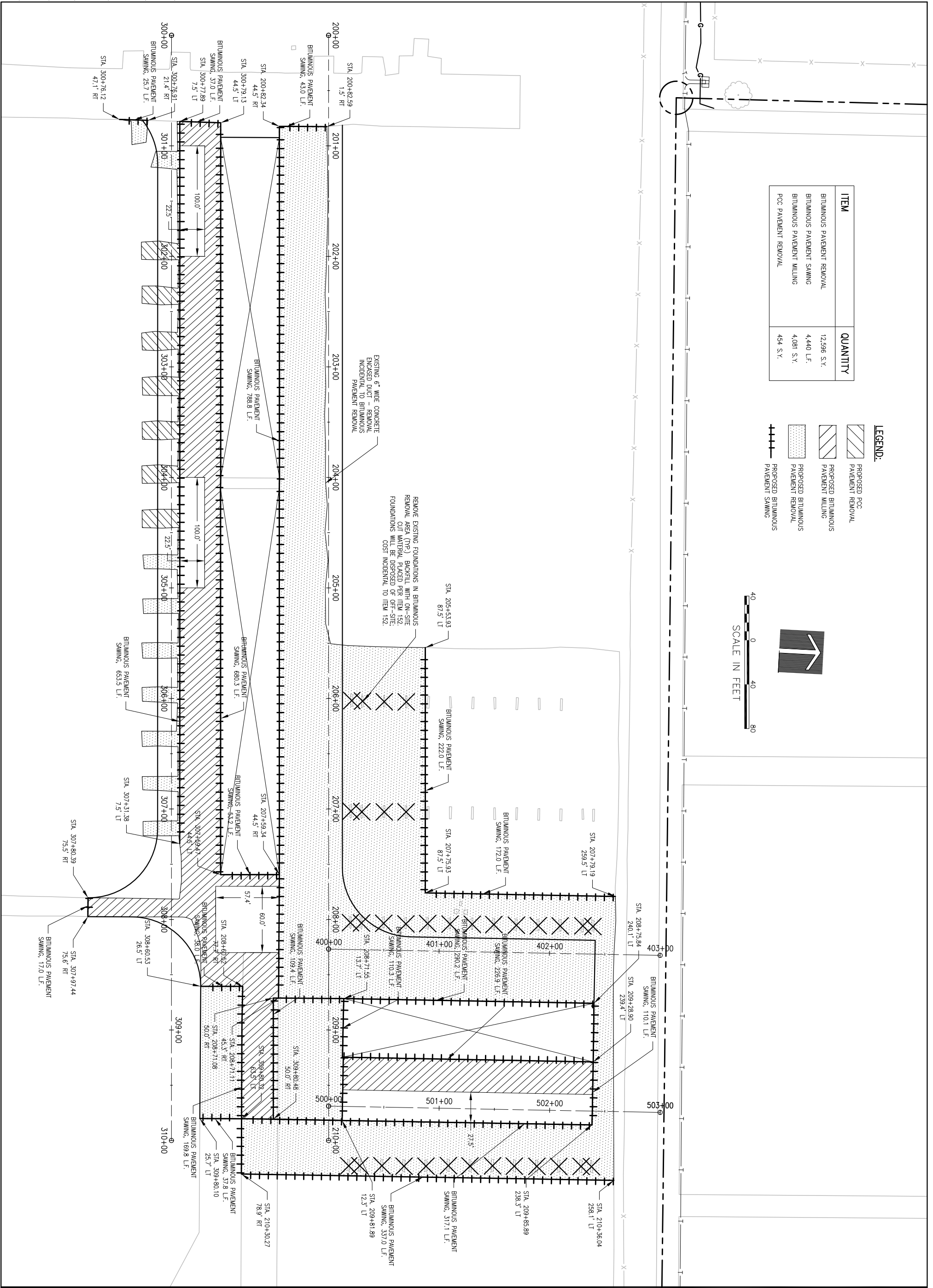
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STORM WATER POLLUTION PREVENTION DETAILS

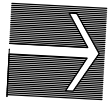
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 IDA No. LOT-4020 AIP No. 3-17-0140-B48



ITEM	QUANTITY
BITUMINOUS PAVEMENT REMOVAL	12,596 S.Y.
BITUMINOUS PAVEMENT SAWING	4,440 L.F.
BITUMINOUS PAVEMENT MILLING	4,081 S.Y.
PCC PAVEMENT REMOVAL	454 S.Y.

LEGEND:

	PROPOSED PCC PAVEMENT REMOVAL
	PROPOSED BITUMINOUS PAVEMENT MILLING
	PROPOSED BITUMINOUS PAVEMENT REMOVAL
	PROPOSED BITUMINOUS PAVEMENT SAWING



REMOVAL PLAN



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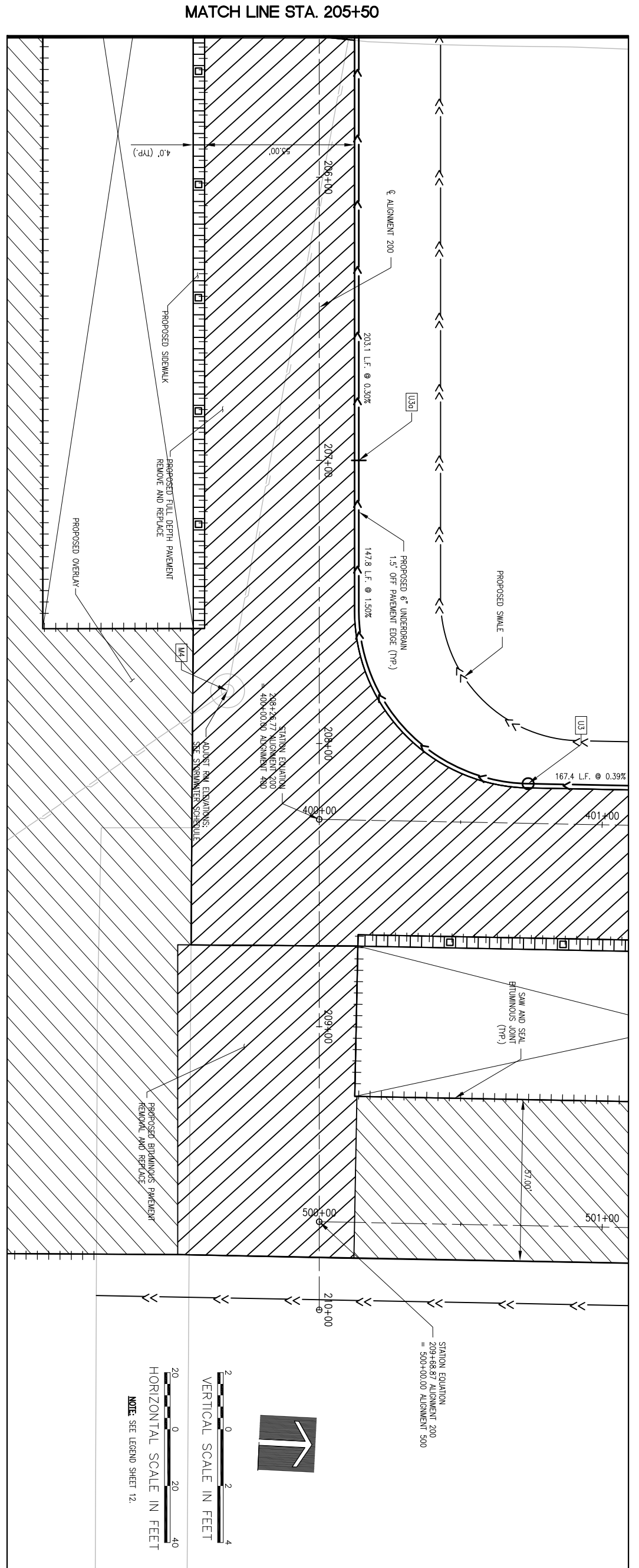
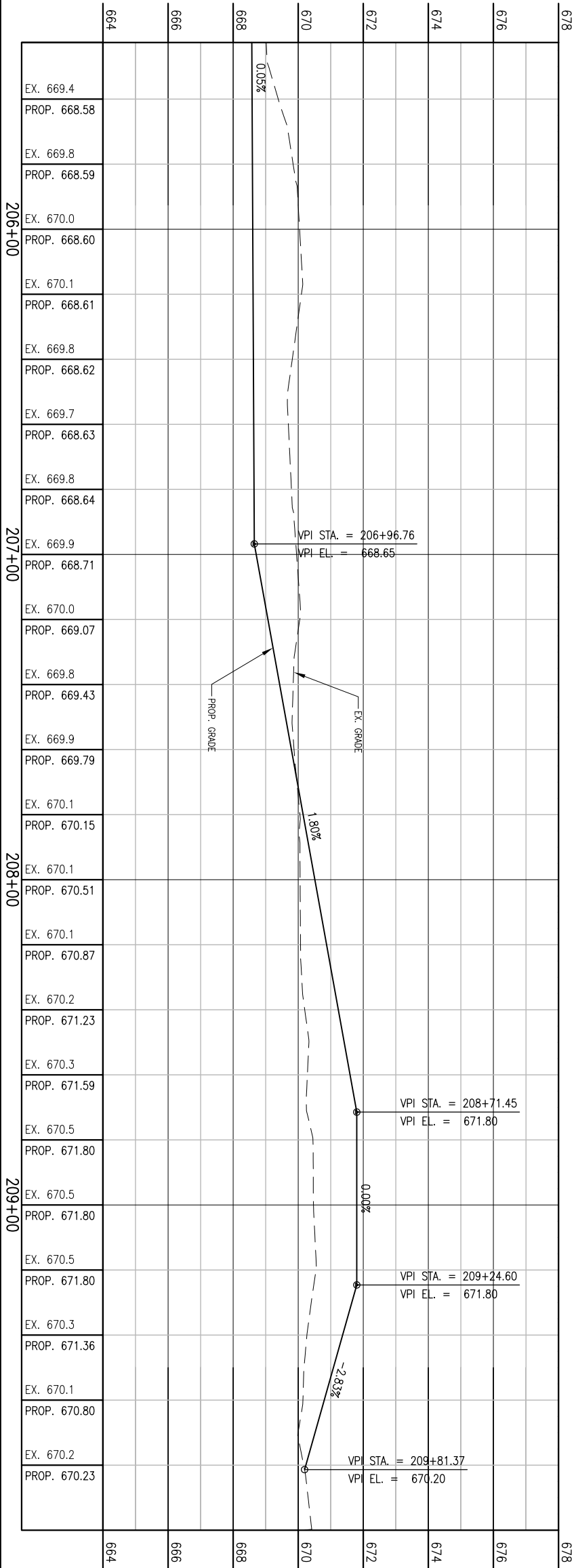


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**PLAN AND PROFILE
 ALIGNMENT 200
 STA 205+50 - 210+00**

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48

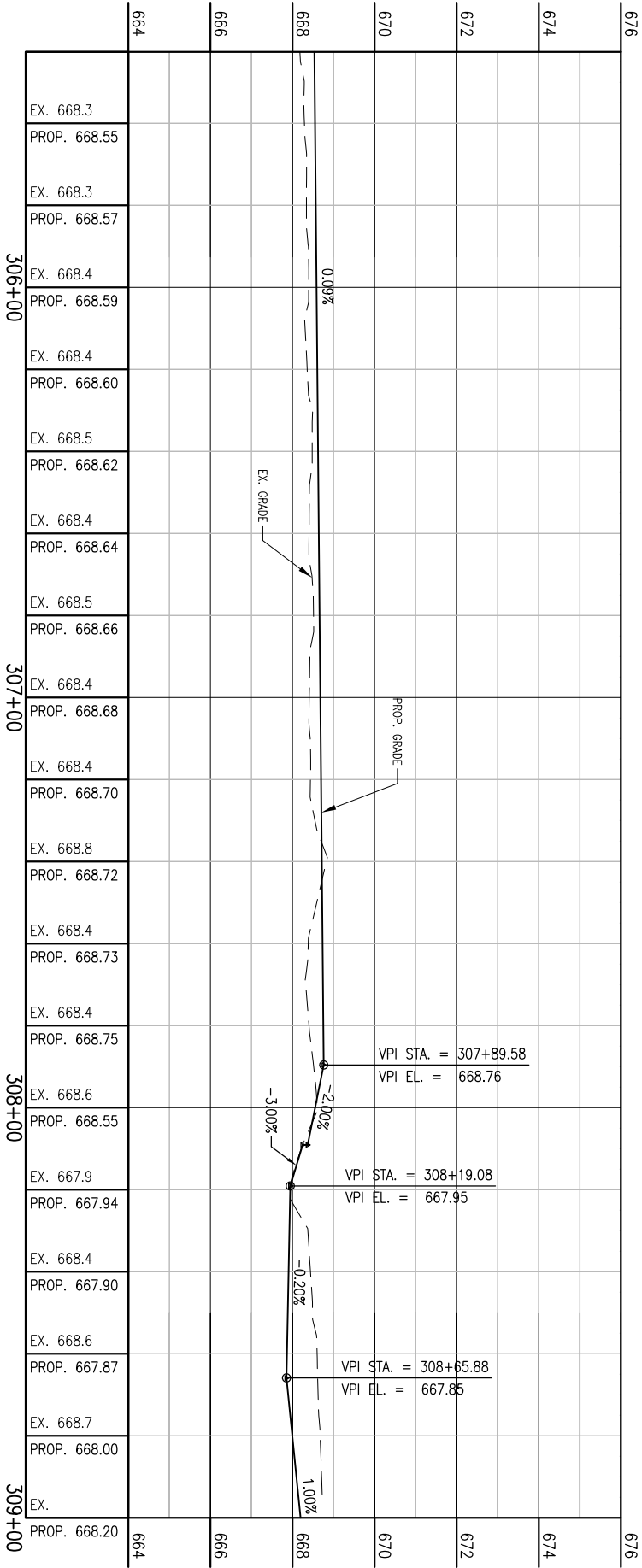
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Hanson No.	10A0072
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Date	APRIL 22, 2011
LAYOUT	KMS 02/18/11
DRAWN	KMS 02/18/11
REVIEWED	RMH 4/22/11

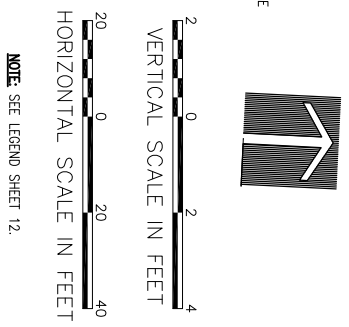
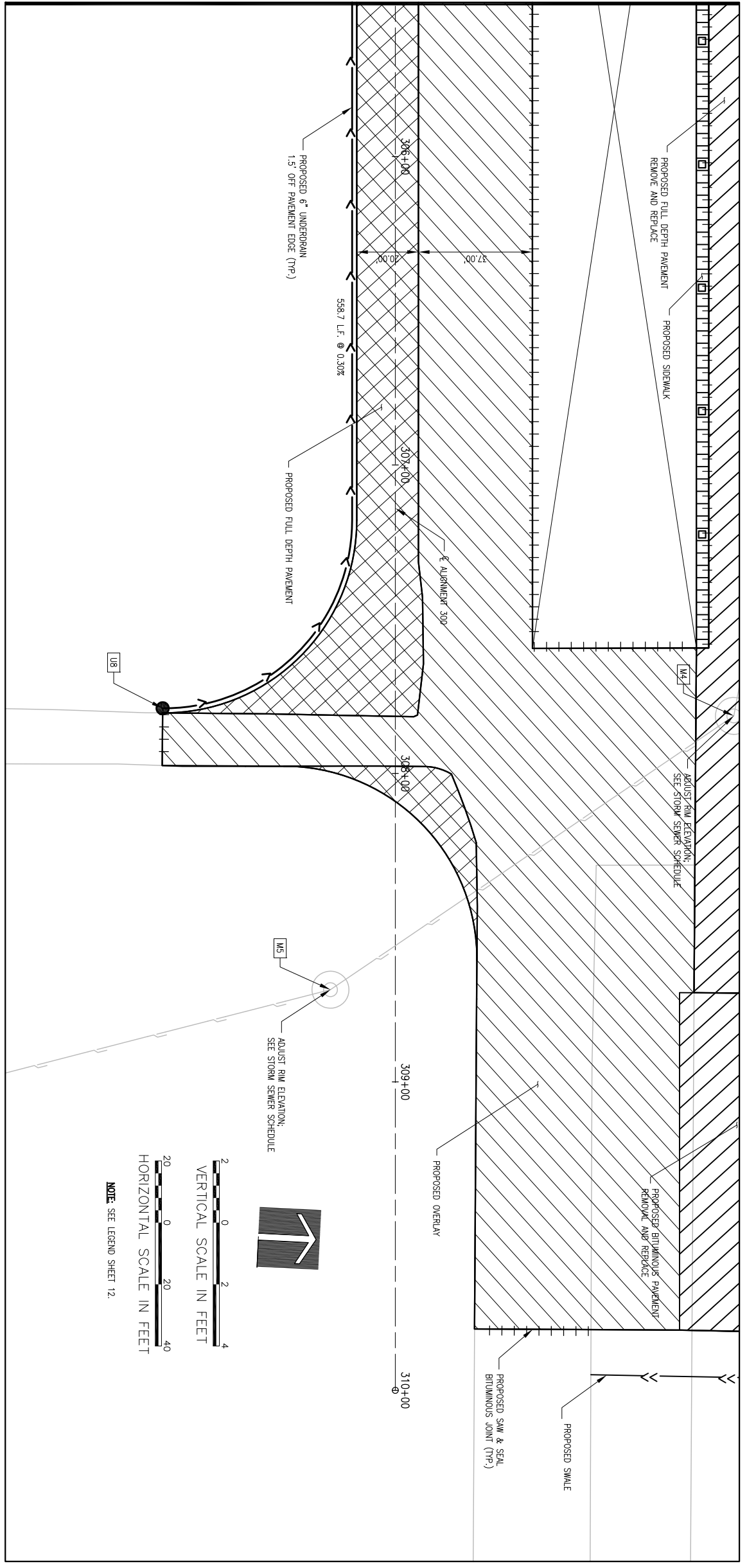
Chicago-Romeoville Airport
JOLIET REGIONAL PORT DISTRICT
 1 George Michas Drive
 Romeoville, Illinois 60446
 Telephone: 815.838.9497
 Fax: 815.838.9524

DATE	REVISION

LE042



MATCH LINE STA. 305+50



NOTE: SEE LEGEND SHEET 12.

PLAN AND PROFILE
 ALIGNMENT 300
 305+50 - 308+98

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



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Hanson No. 10A0072
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 Date APRIL 22, 2011

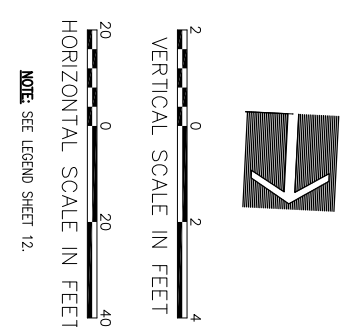
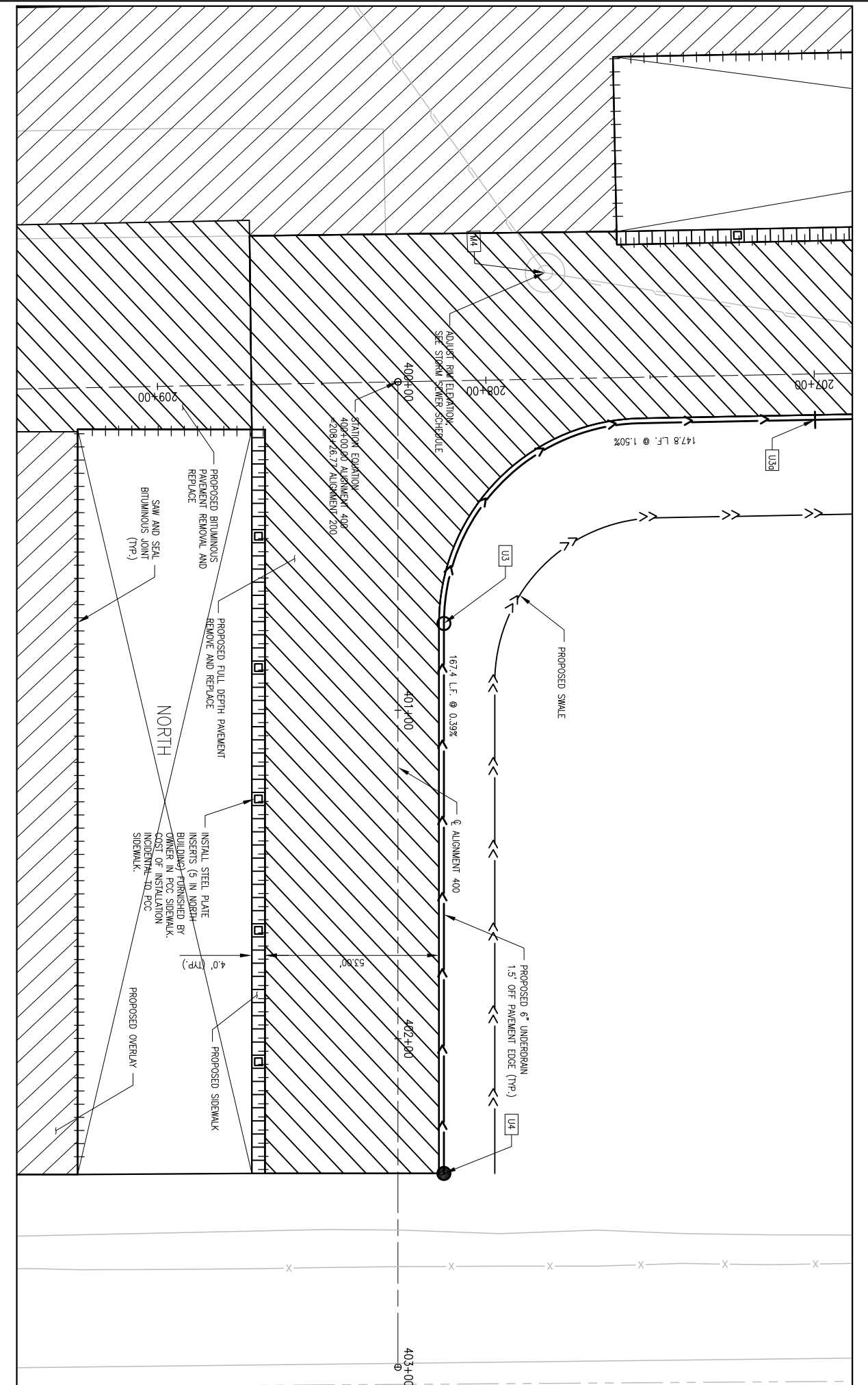
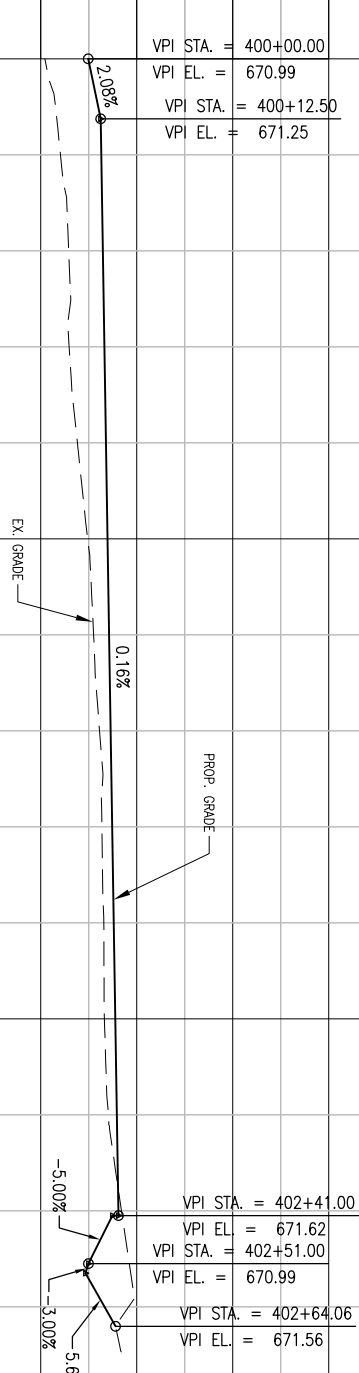
LAYOUT	KMS	02/18/11
DRAWN	KMS	02/18/11
REVIEWED	RMH	4/22/11



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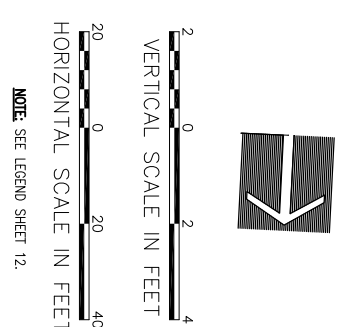
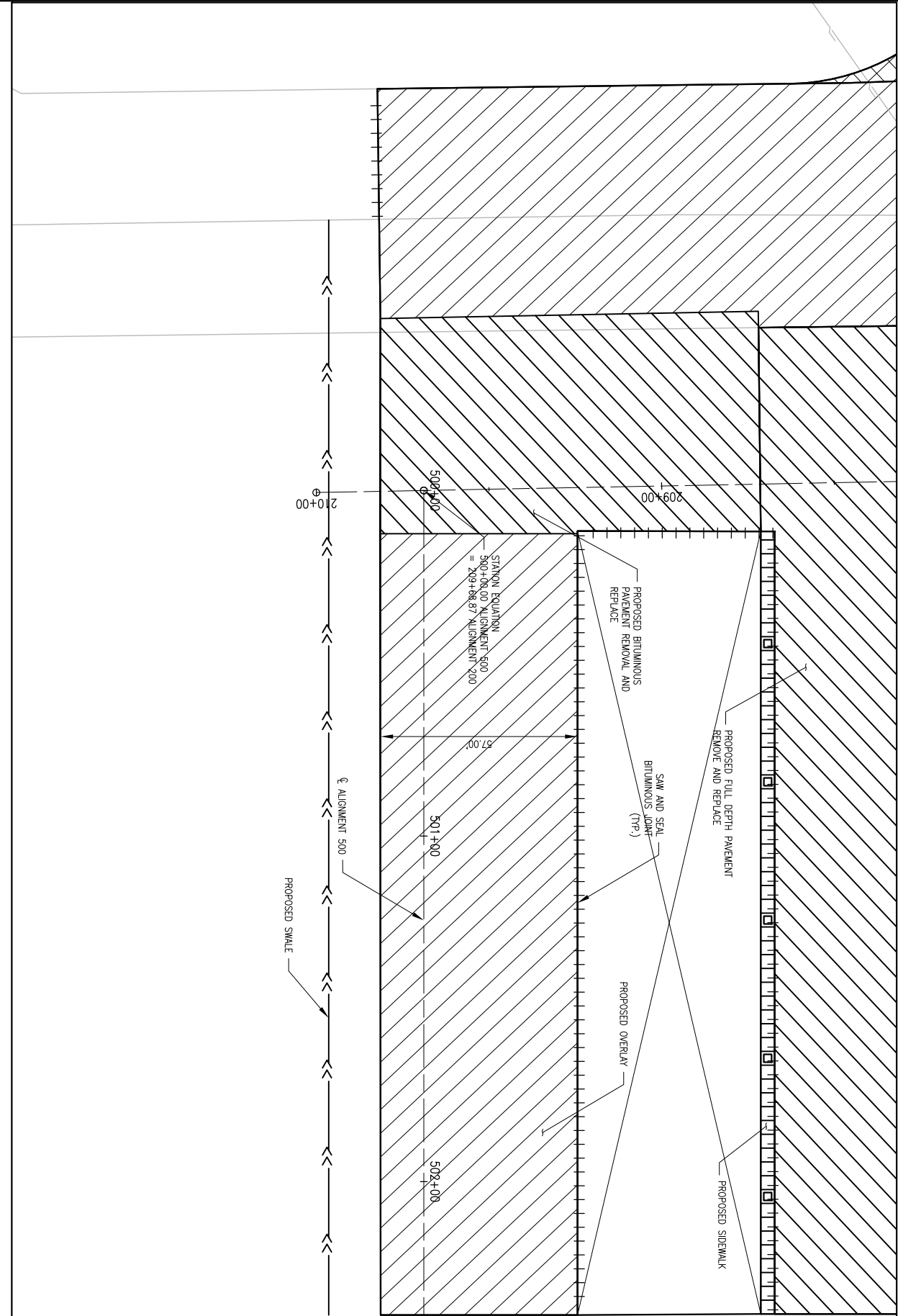
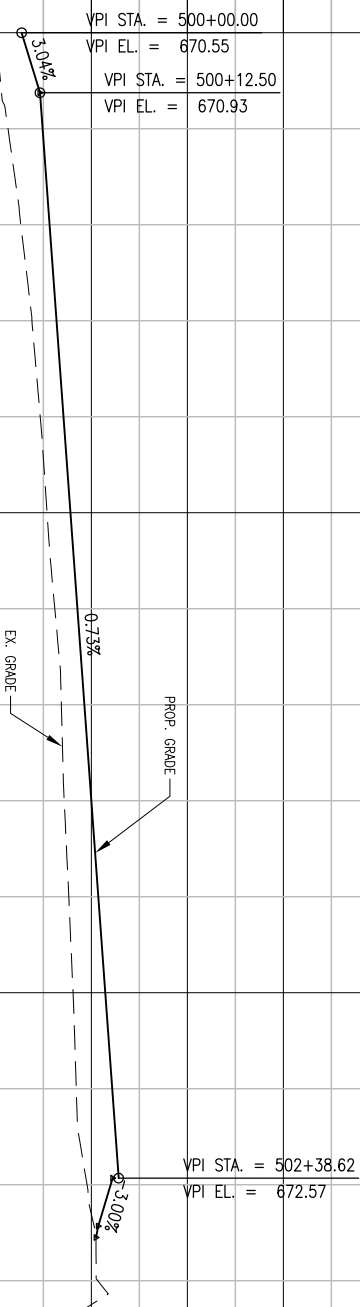
DATE	REVISION

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403+50	PROP.	676	674	672	670	668



<p>16 of 38 sheets</p> <p style="font-size: 2em; font-weight: bold;">16</p>	<p>PLAN AND PROFILE</p> <p>ALIGNMENT 400</p> <p>STA. 400+00 - 403+00</p>	<p>HANSON</p> <p>© Copyright Hanson Professional Services Inc. 2011</p>	<p>Hanson No. 10A0072</p> <p>Filename 16- PLAN & PROFILE 400.DWG</p> <p>Scale 1"=20'</p> <p>Date APRIL 22, 2011</p>	<p>Chicago-Romeoville Airport</p> <p>JOLIET REGIONAL PORT DISTRICT</p> <p>1 George Michas Drive Romeoville, Illinois 60446 Telephone: 815.838.9497 Fax: 815.838.9524</p>	<table border="1"> <thead> <tr> <th>DATE</th> <th>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> </tbody> </table>	DATE	REVISION											<p style="font-size: 1.5em; font-weight: bold;">LE042</p>
	DATE		REVISION															
<p>REHABILITATE NORTH HANGAR PAVEMENTS,</p> <p>IDA No. LOT-4020 AIP No. 3-17-0140-B48</p>	<p>Hanson Professional Services Inc.</p> <p>815 Commerce Drive Suite 200 Oak Brook, Illinois 60523</p>	<table border="1"> <tr> <td>LAYOUT</td> <td>KMS</td> <td>02/18/11</td> </tr> <tr> <td>DRAWN</td> <td>KMS</td> <td>02/18/11</td> </tr> <tr> <td>REVIEWED</td> <td>RMH</td> <td>4/22/11</td> </tr> </table>	LAYOUT	KMS	02/18/11	DRAWN	KMS	02/18/11	REVIEWED	RMH	4/22/11	<p> </p>						
LAYOUT	KMS	02/18/11																
DRAWN	KMS	02/18/11																
REVIEWED	RMH	4/22/11																

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500+00	EX. 670.0					
500+00	PROP. 670.55					
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503+00	PROP.					
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678	PROP.	676	674	672	670	668



NOTE: SEE LEGEND SHEET 12.

**PLAN AND PROFILE
 ALIGNMENT 500
 STA 500+00 - 503+00**



Hanson No. 10A0072
 Filename 17- PLAN & PROFILE 500
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 Date APRIL 22, 2011



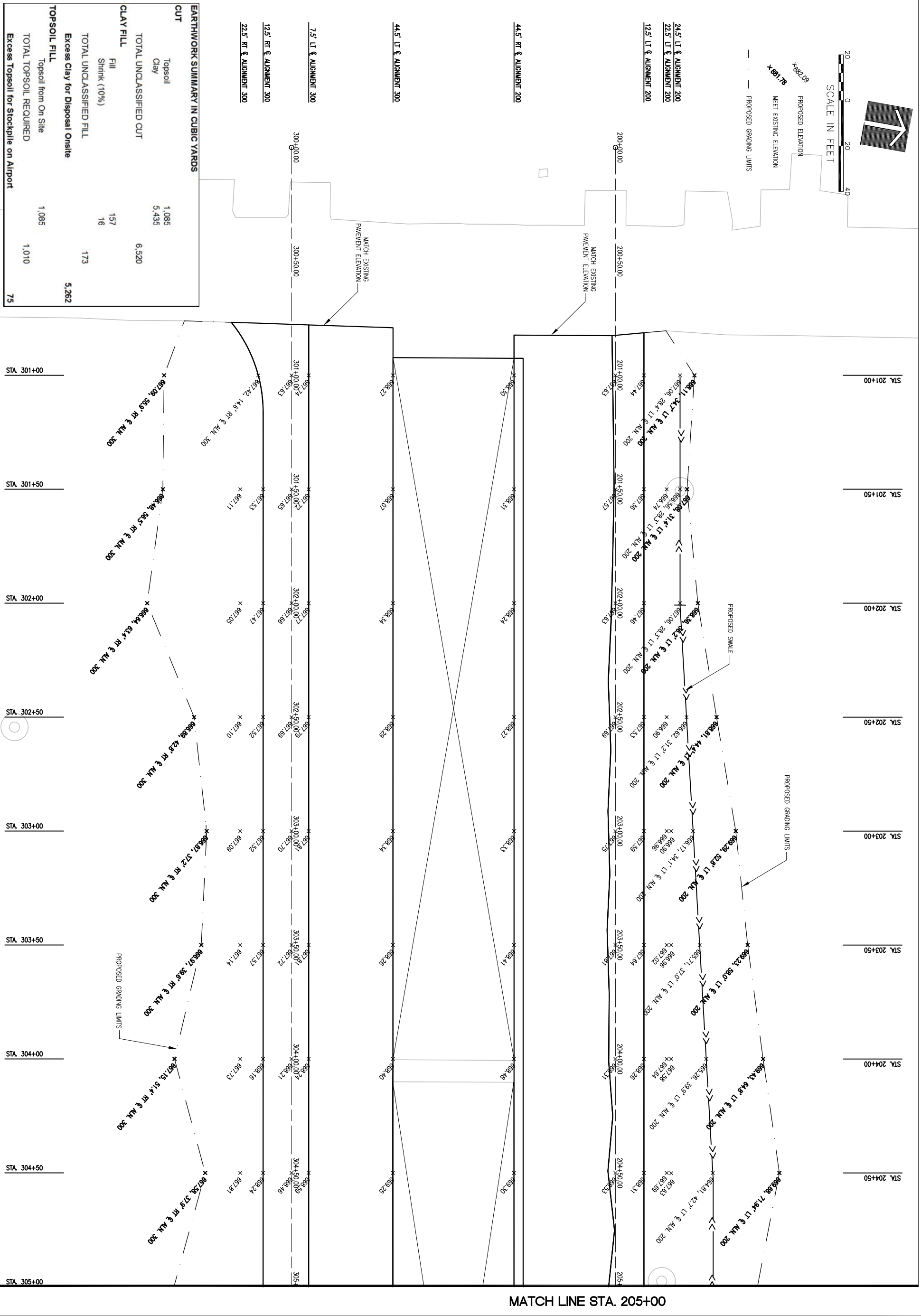
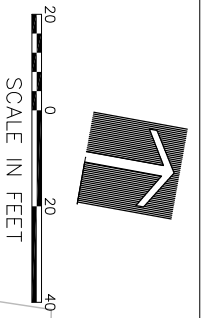
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DATE	REVISION

REHABILITATE NORTH HANGAR PAVEMENTS,
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LAYOUT	KMS	02/18/11
DRAWN	KMS	02/18/11
REVIEWED	RMH	4/22/11



EARTHWORK SUMMARY IN CUBIC YARDS

CUT		
Topsail	1,085	
Clay	5,435	
TOTAL UNCLASSIFIED CUT	6,520	
CLAY FILL		
Fill	157	
Shrink (10%)	16	
TOTAL UNCLASSIFIED FILL	173	
Excess Clay for Disposal Onsite		5,262
TOPSOIL FILL		
Topsail from On Site	1,085	
TOTAL TOPSOIL REQUIRED	1,010	
Excess Topsoil for Stockpile on Airport		75

MATCH LINE STA. 205+00

**STAKING PLAN
ALIGNMENT 200/300**

REHABILITATE NORTH HANGAR PAVEMENTS,
IDA No. LOT-4020 AIP No. 3-17-0140-B48



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Hanson No. 10A0072
 Filename 18-STAKING PLAN 1.DWG
 Scale 1"=20'
 Date APRIL 22, 2011

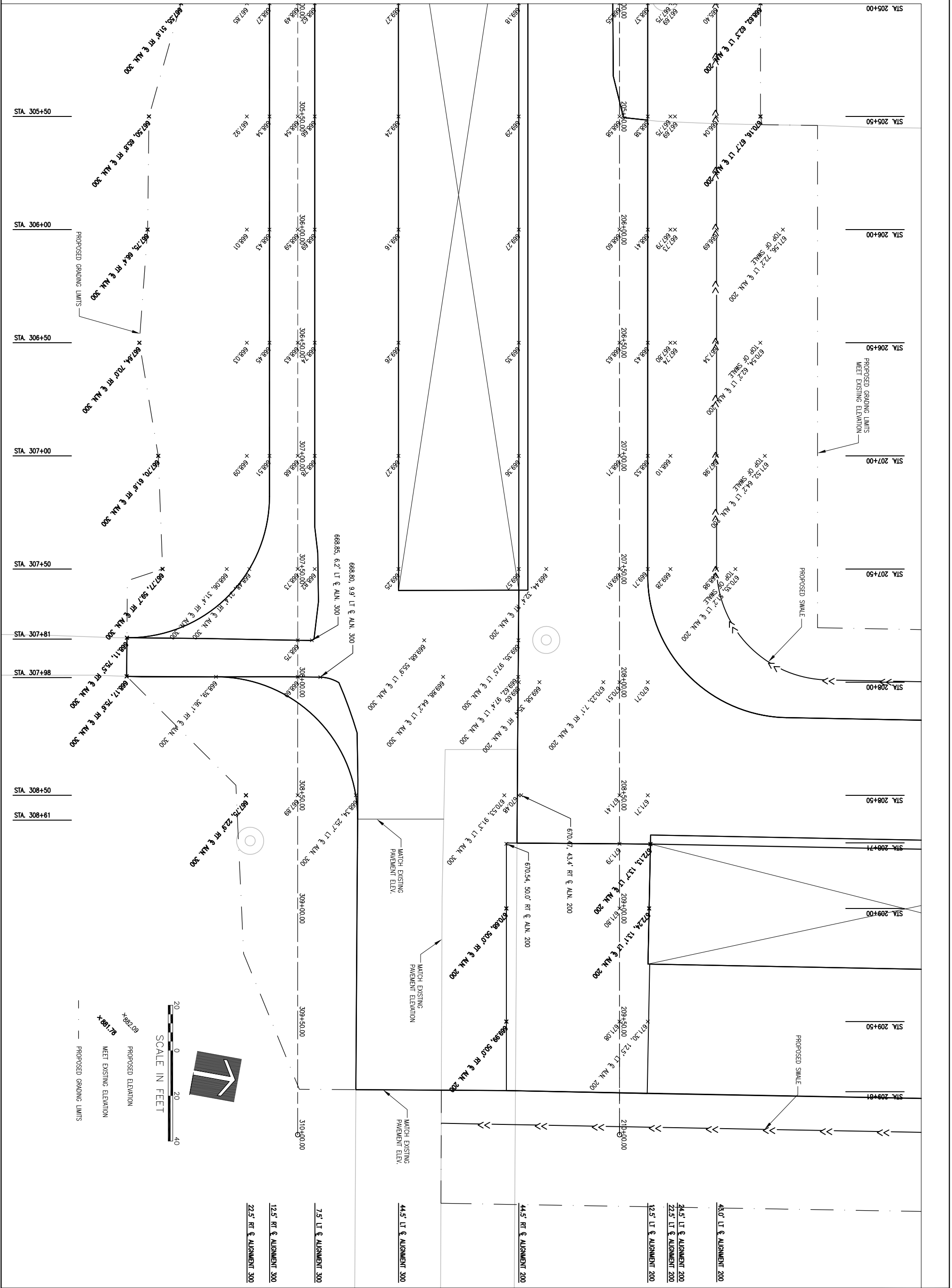
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REVIEWED	RMH	4/22/11



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MATCH LINE STA. 205+00



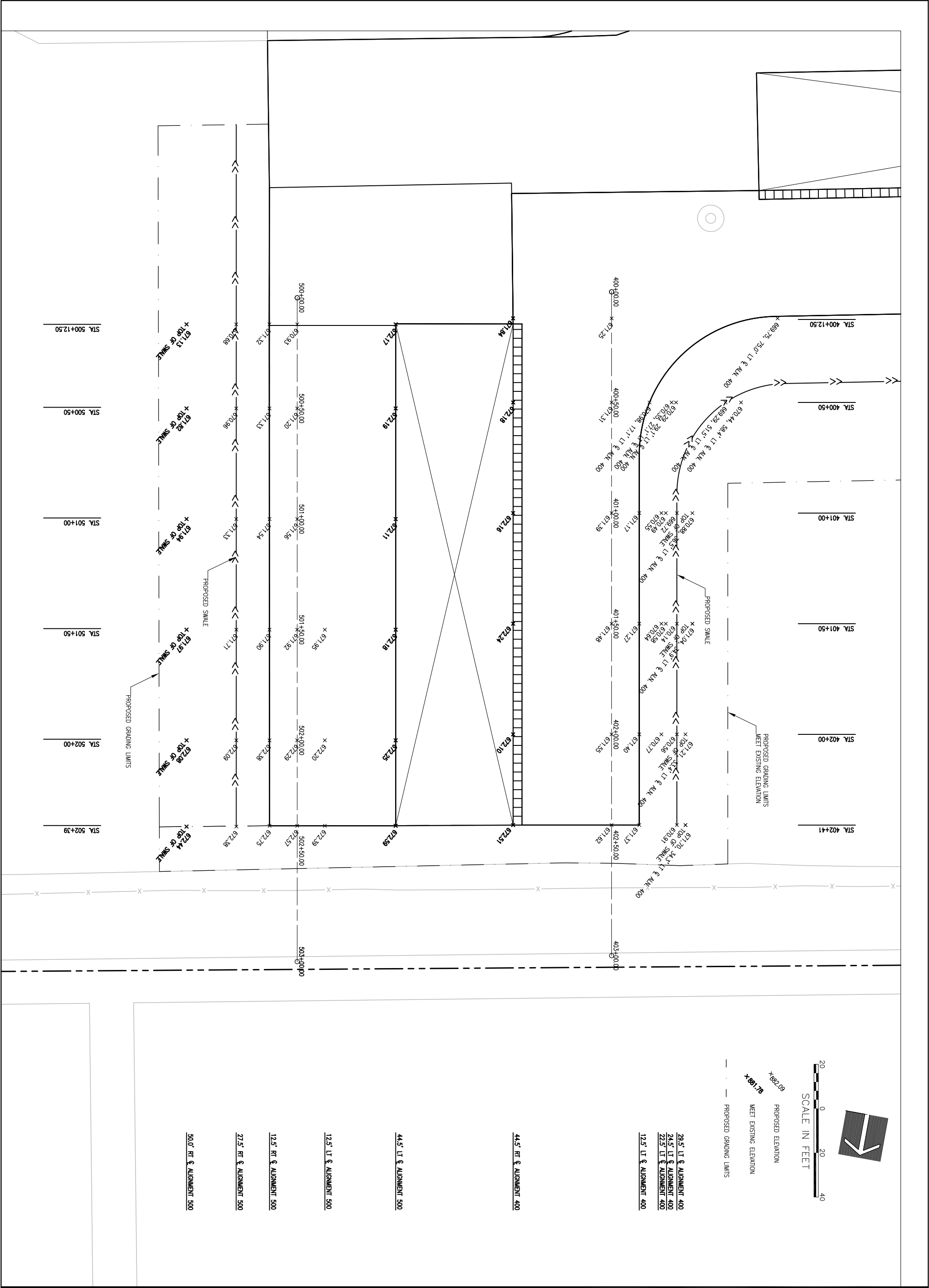
STAKING PLAN
ALIGNMENT 200/300



Hanson No. 10A0072
 Filename 19-STAKING PLAN 2.DWG
 Scale 1"=20'
 Date APRIL 22, 2011

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STAKING PLAN
ALIGNMENT 400/500

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



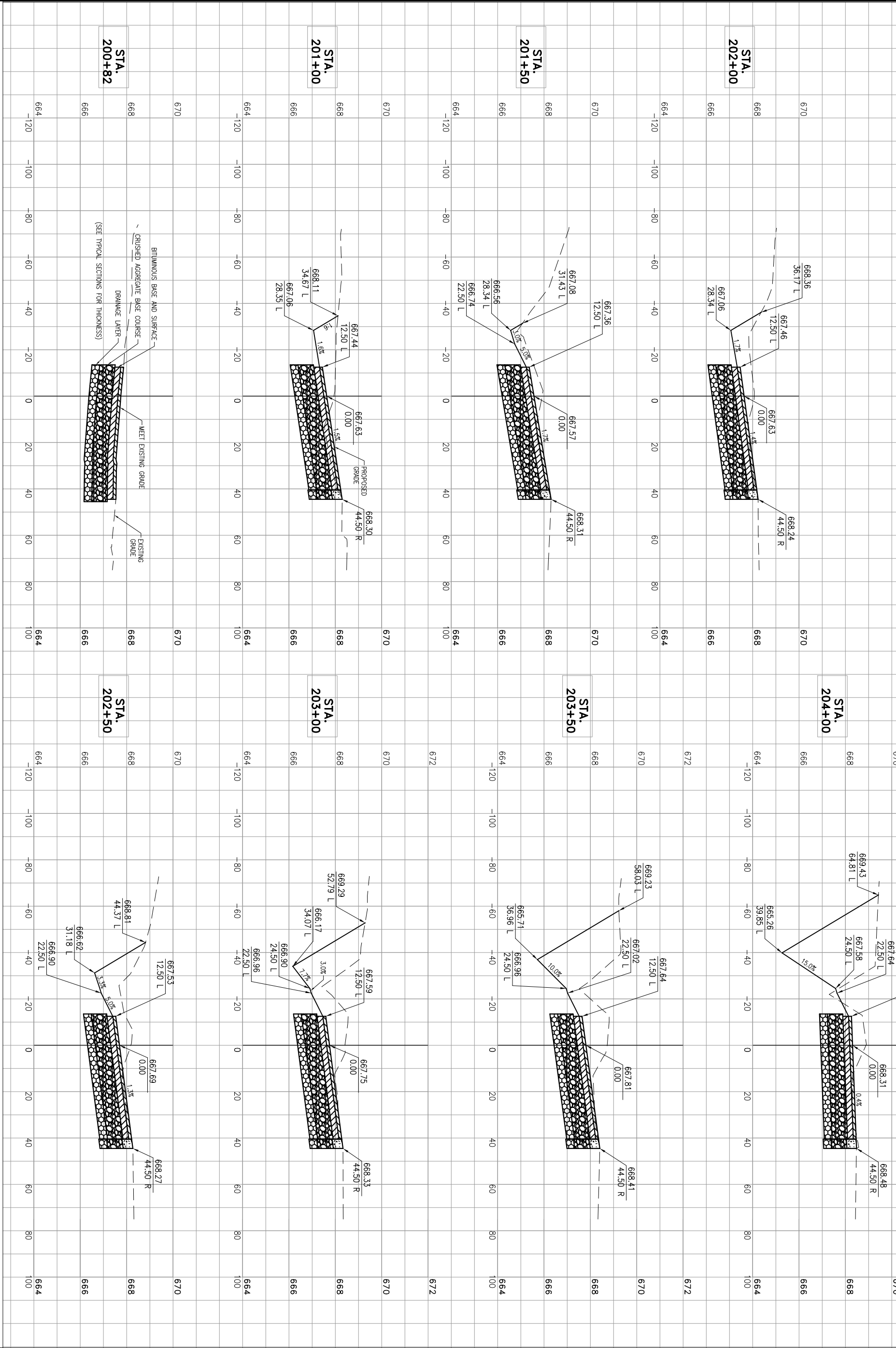
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Date	APRIL 22, 2011	
LAYOUT	KMS	02/24/11
DRAWN	KMS	02/24/11
REVIEWED	RMH	4/22/11

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FOR EARTHWORK SUMMARY, SEE SHEET 18.



DATE	REVISION

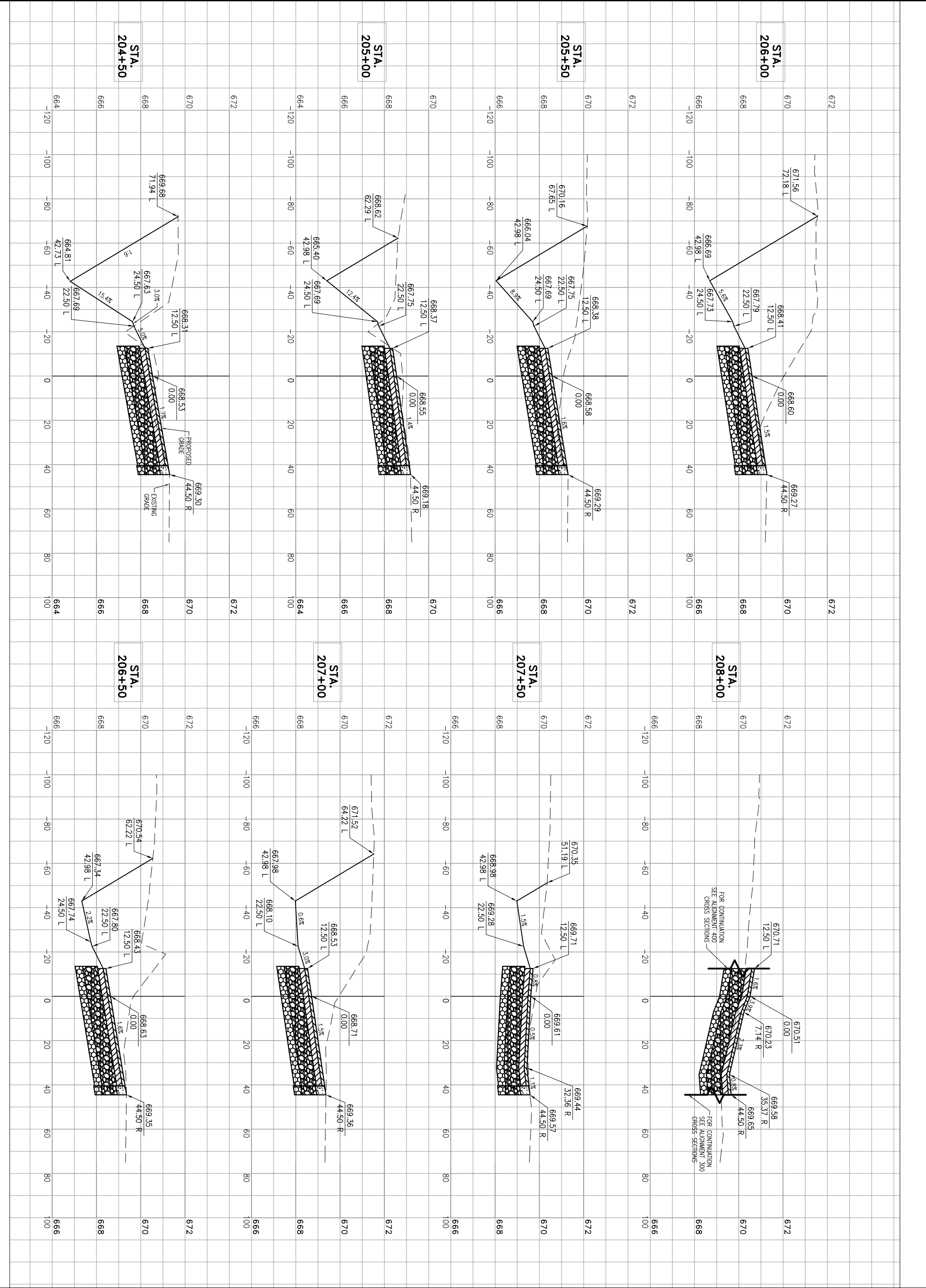
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Date	APRIL 22, 2011
LAYOUT	KMS 02/22/11
DRAWN	KMS 02/22/11
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CROSS SECTIONS
ALIGNMENT 200
200+82 - 204+00
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 IDA No. LOT-4020 AIP No. 3-17-0140-B48



**CROSS SECTIONS
 ALIGNMENT 200
 204+50 - 208+00**

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48

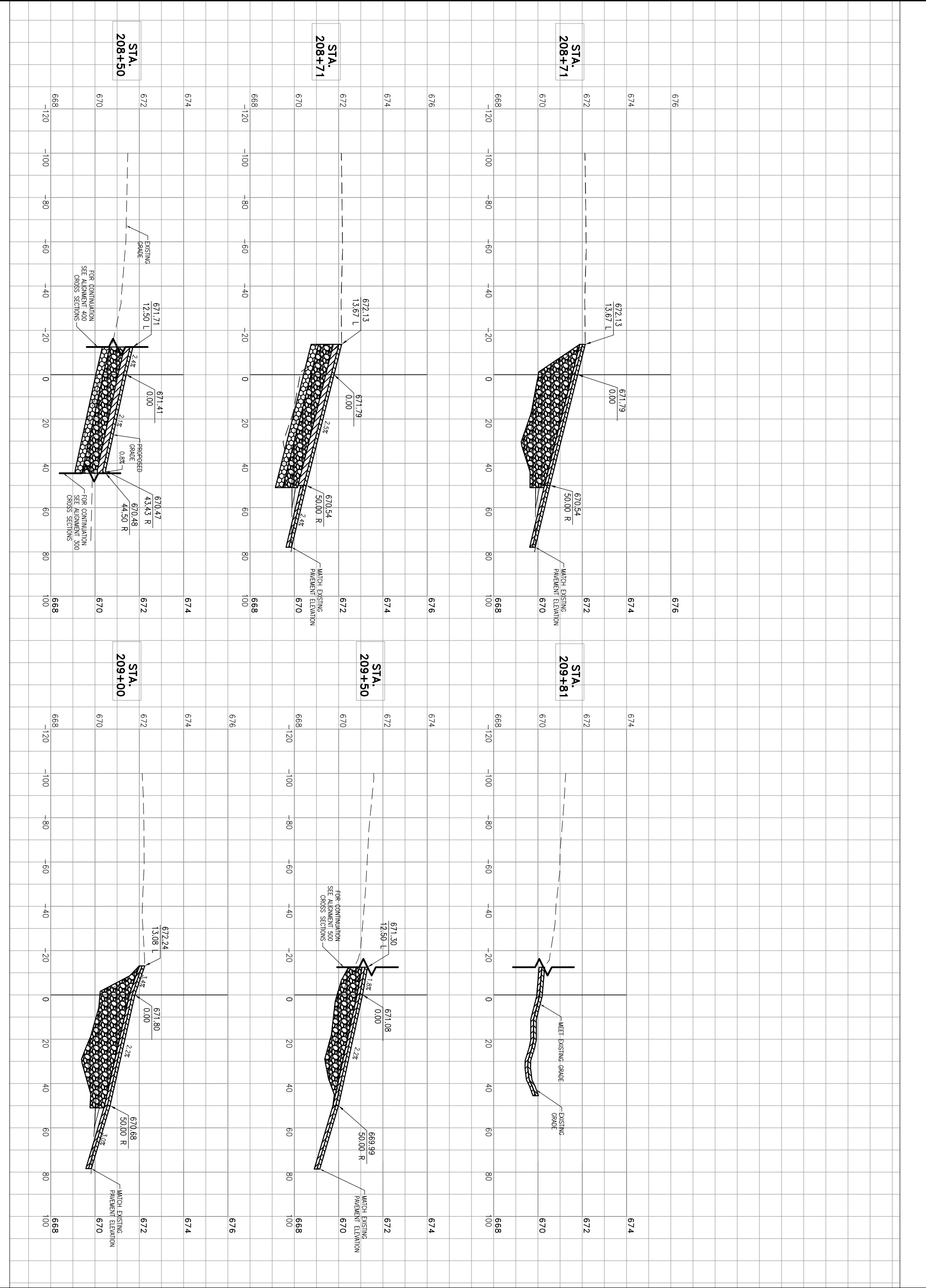


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**CROSS SECTIONS
 ALIGNMENT 200
 208+50 - 209+81**

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 IDA No. LOT-4020 AIP No. 3-17-0140-B48



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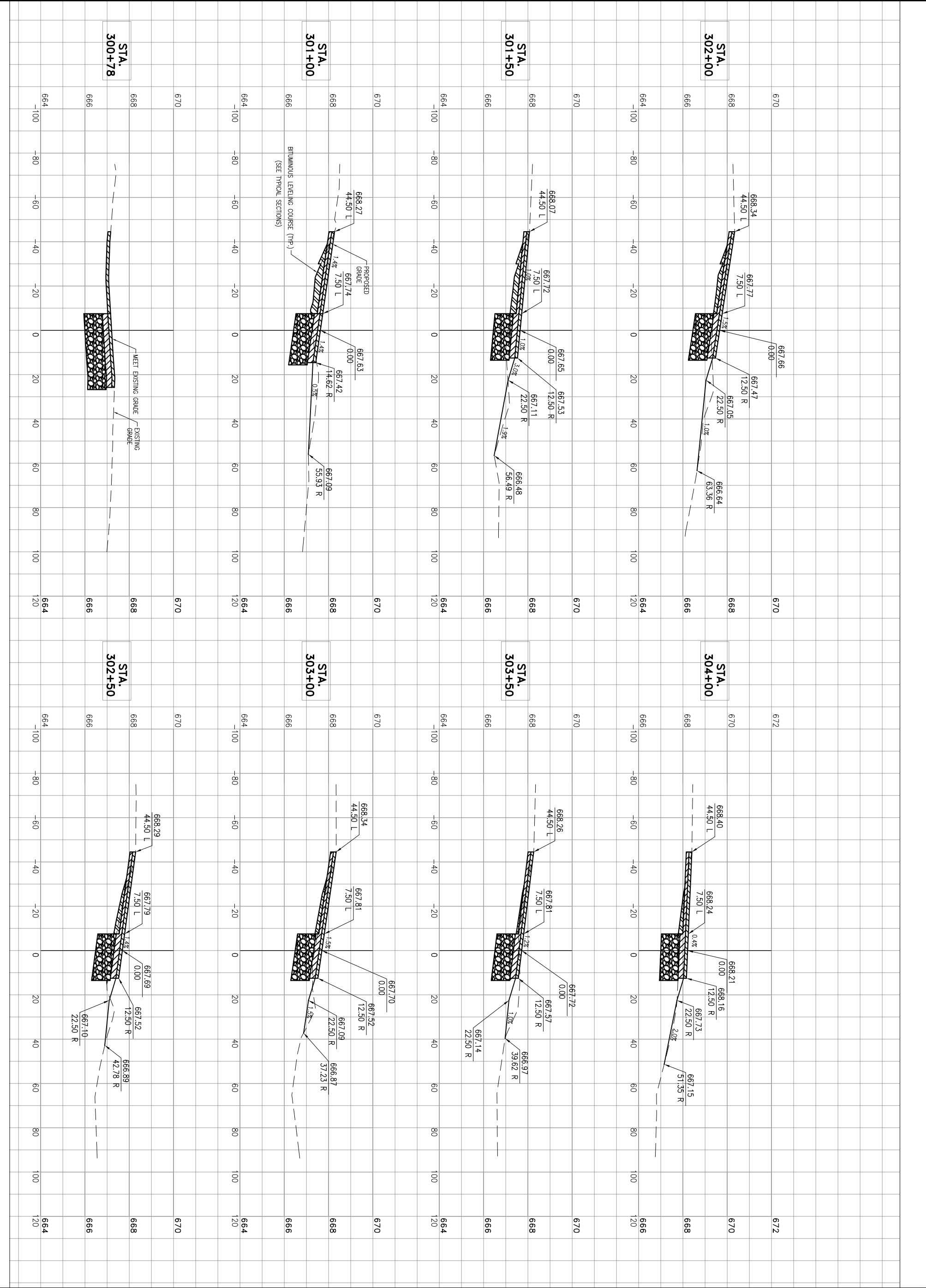
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REVIEWED	RMH	4/22/11



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CROSS SECTIONS
 ALIGNMENT 300
 300+78 - 304+00

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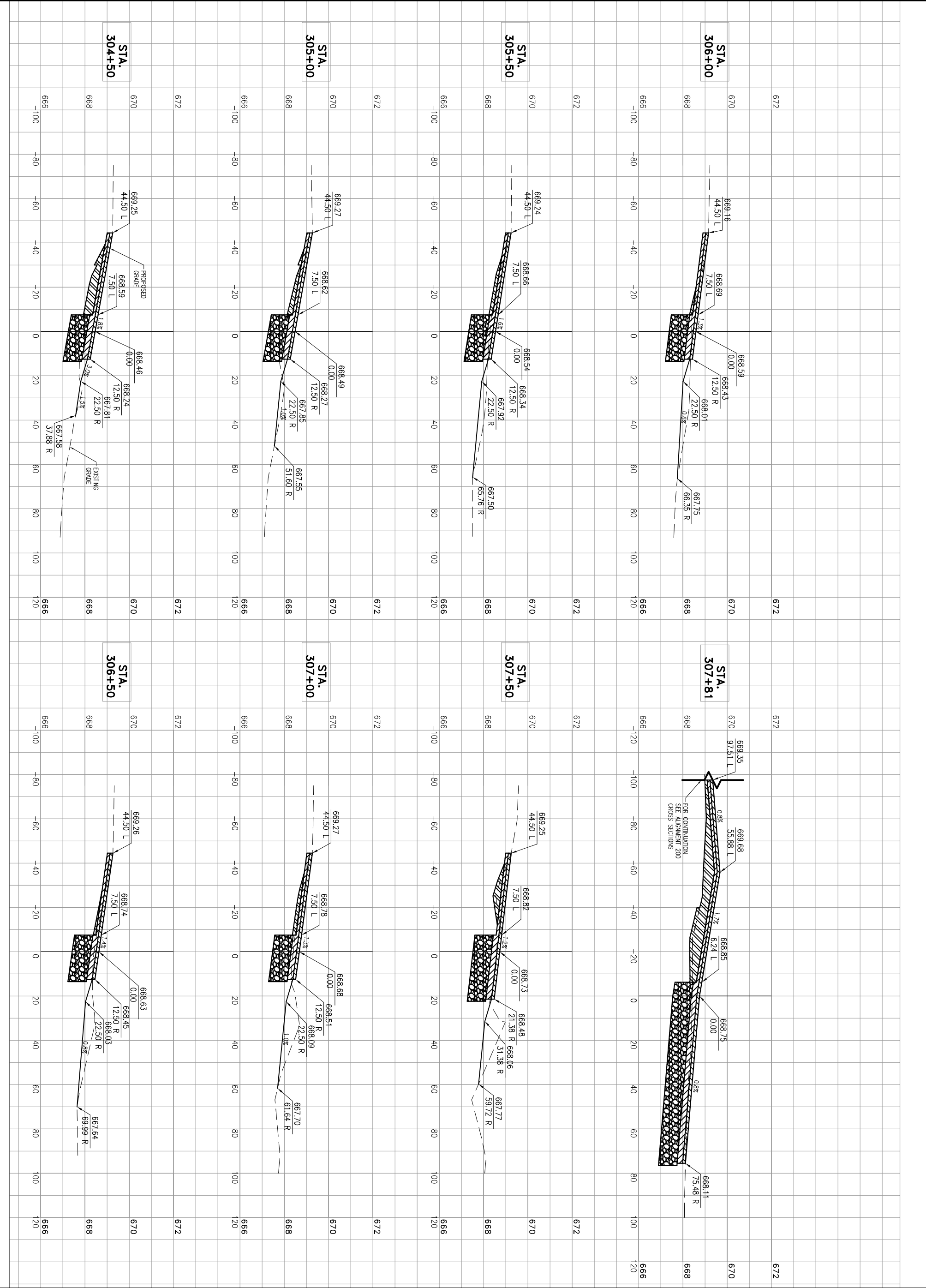
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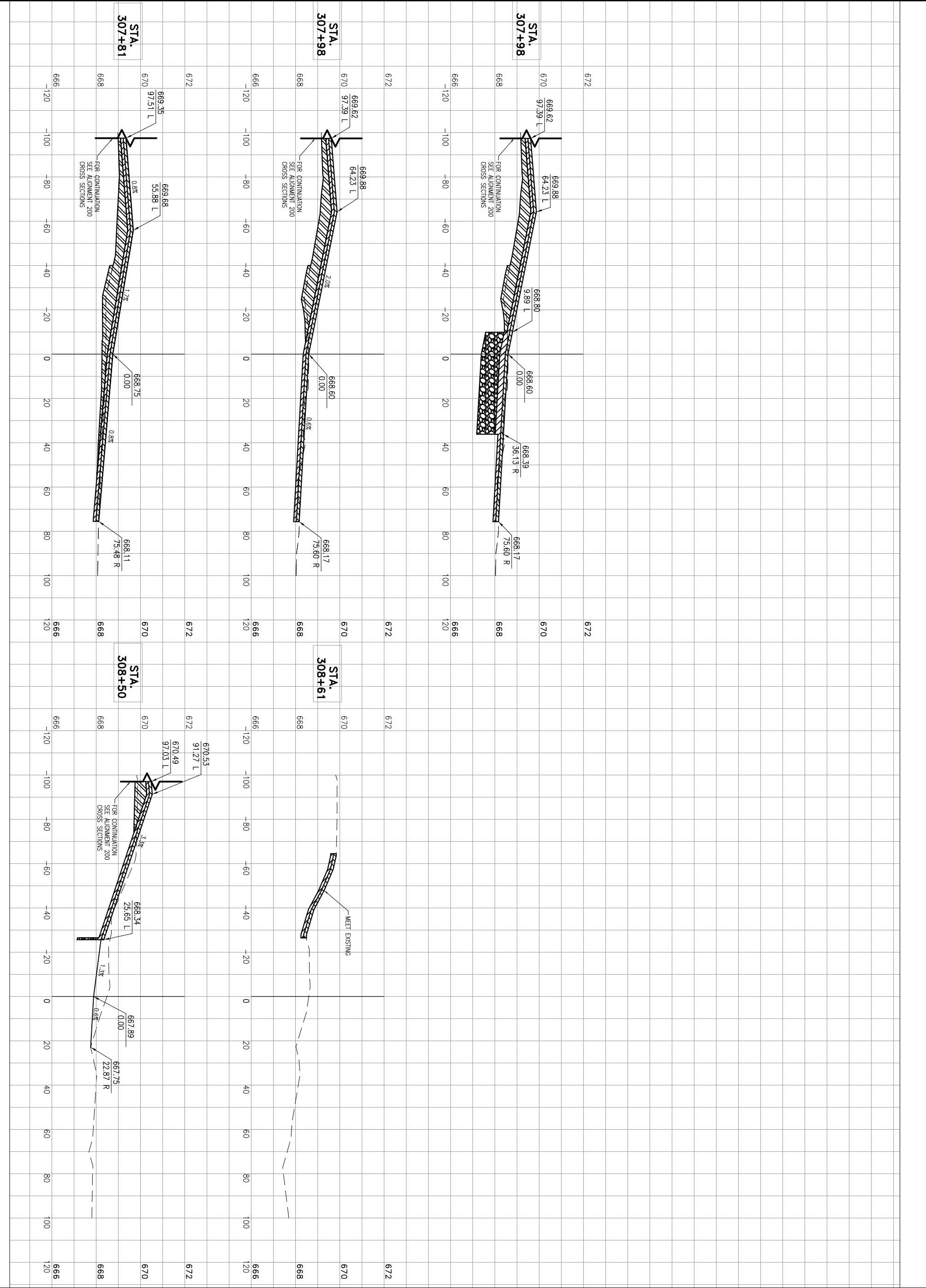
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DRAWN	KMS	02/22/11
REVIEWED	RMH	4/22/11

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**CROSS SECTIONS
 ALIGNMENT 300
 307+81 - 308+61**

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



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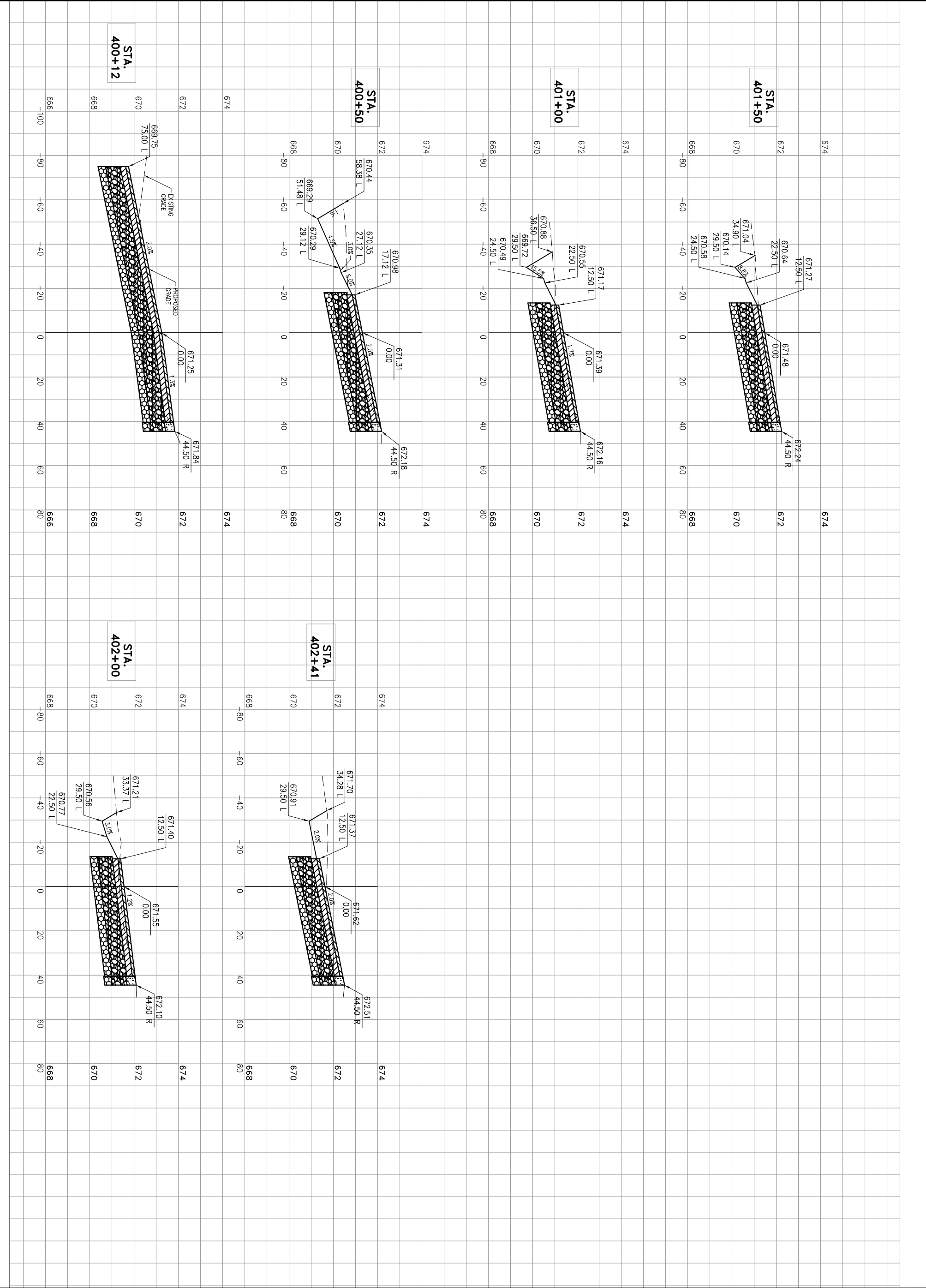
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DRAWN	KMS	02/22/11
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DATE	REVISION



CROSS SECTIONS
 ALIGNMENT 400
 400+12 - 402+41

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



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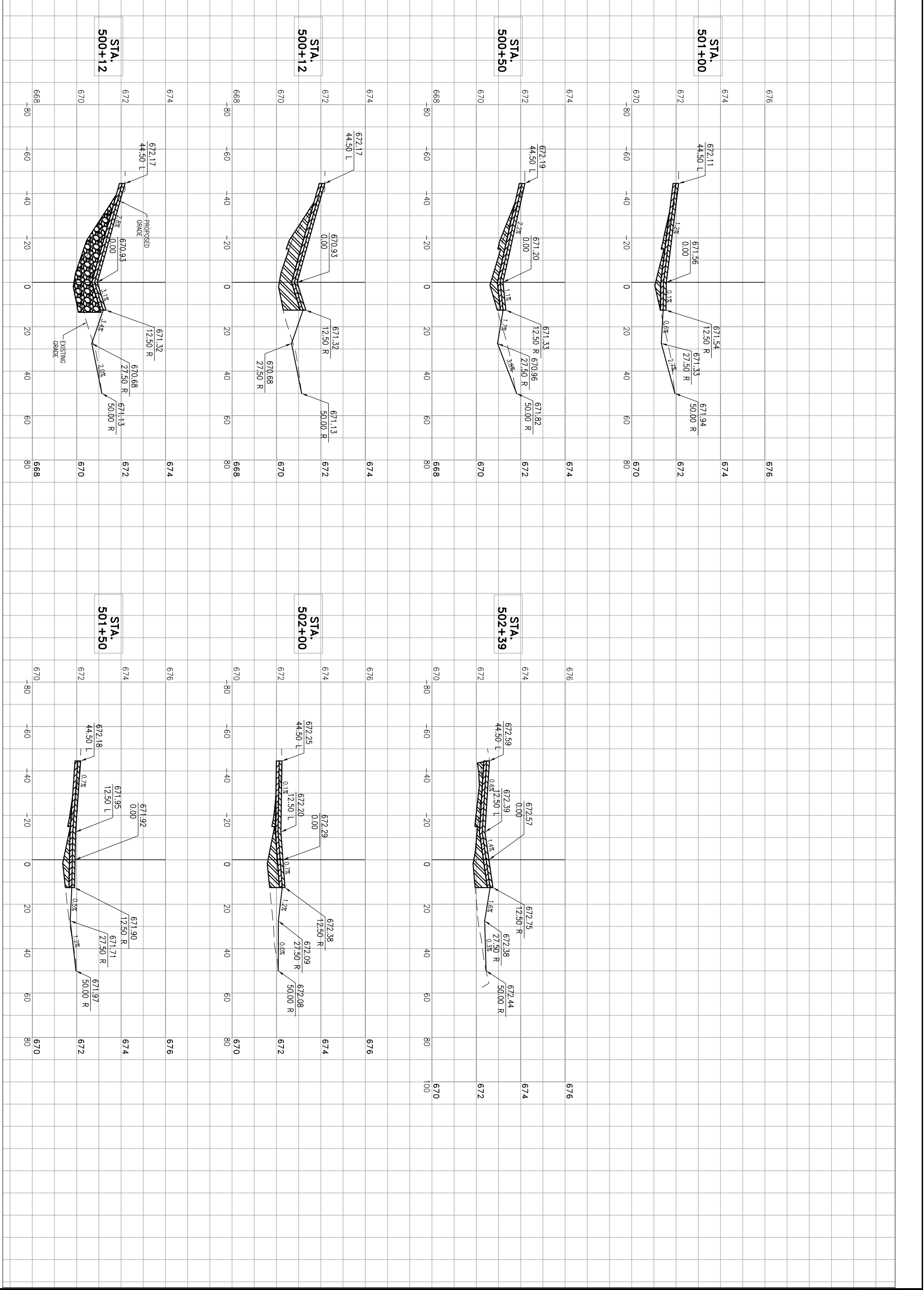
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REVIEWED	RMH	4/22/11



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CROSS SECTIONS
 ALIGNMENT 500
 500+12 - 502+39

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 Scale 1"=20'
 Date APRIL 22, 2011

LAYOUT	KMS	02/22/11
DRAWN	KMS	02/22/11
REVIEWED	RMH	4/22/11



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DATE	REVISION

UNDERDRAIN SCHEDULE

Structure	Station	Offset	Type	Rim E.	Invert E.	Pay Length	Slope %
U1	200+82.70	14.00 LT	Clean Out	667.68	665.68	415.3	0.26
U2a	204+95.92	18.36 LT	Connect to Manhole	---	664.60		
U2b	204+99.03	18.36 LT	Connect to Manhole	---	665.40	203.1	0.30
U3a	207+00.00	14.00 LT	Slope Break	---	666.00	147.8	1.50
U3	208+14.18	73.83 LT	Inspection Hole	670.88	668.22	167.4	0.39
U4	208+17.35	241.22 LT	Clean Out	671.17	668.87		
U5	300+77.70	27.63 RT	Clean Out	667.16	664.97	180.9	0.30
U6	302+55.48	14.00 RT	Inspection Hole	667.32	664.43	107.6	0.30
U7	302+54.37	121.58 RT	Meet Existing	---	664.11		
U8	307+78.89	75.46 RT	Clean Out	667.99	666.11	558.7	0.3
U6	302+55.48	14.00 RT	Inspection Hole	667.32	664.43		

STORM SEWER SCHEDULE

Structure	Station	Offset	Type	Rim E.	Invert E.	Pay Length	Size	Type	Slope %
M1	204+52.87	42.9' LT	FES	---	664.79	42.0	18.0	RCP	0.42
M2	204+97.48	20.3' LT	Existing MH+	667.80 (NEW) 667.18 (OLD)	664.58				
M3	201+50.83	28.35' LT	Existing MH+	666.56 (NEW) 666.83 (OLD)	Existing				
M4	207+81.35	32.37' RT	Existing MH+	669.25 (NEW) 668.94 (OLD)	Existing				
M5	308+70.12	21.03' RT	Existing MH+	667.64 (NEW) 668.29 (OLD)	Existing				

* EXISTING MANHOLE TO BE ADJUSTED

NOTE
 MANHOLES AND INLETS ARE LOCATED TO THE ϕ OF THE FRAME AND GRATE. THE CONTRACTOR IS RESPONSIBLE FOR FABRICATING AND OFFSETTING THE STRUCTURES AS NEEDED TO ALLOW FOR PROPER PLACEMENT OF THE FRAME AND GRATE.

DATE	REVISION

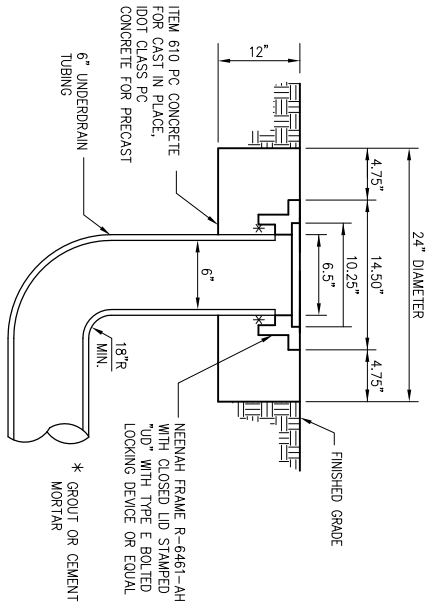
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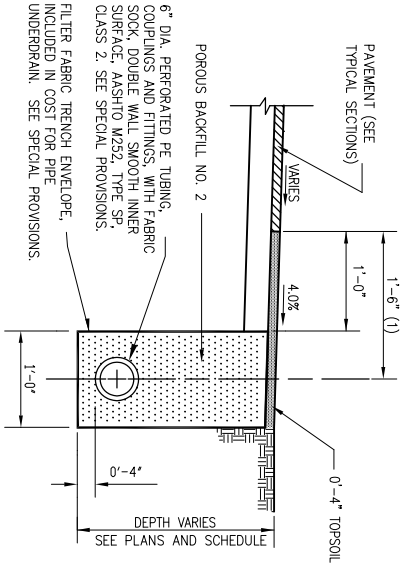
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DRAWN	KMS 02/28/11
REVIEWED	RMH 4/22/11

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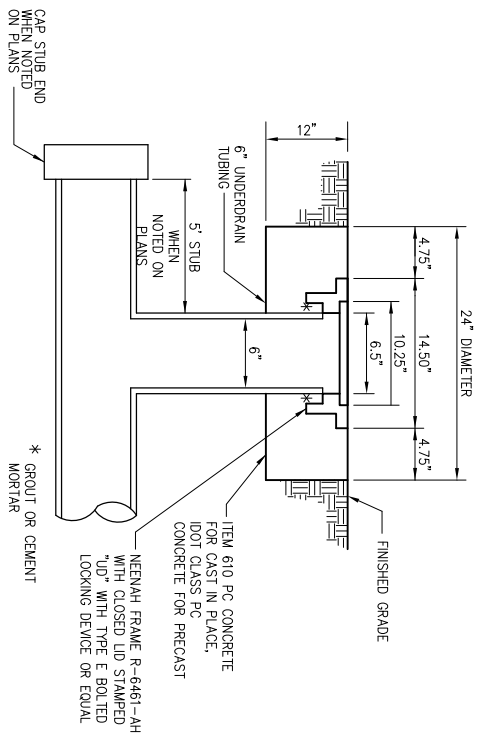
STORM SEWER AND UNDERDRAIN SCHEDULE
REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



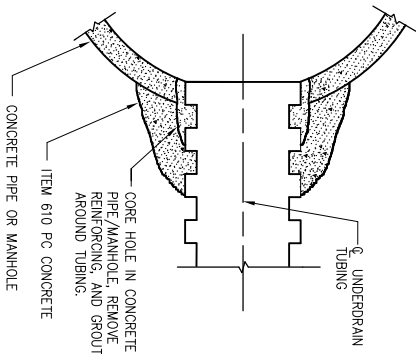
UNDERDRAIN CLEANOUT



UNDERDRAIN ALONG PAVEMENT EDGE



UNDERDRAIN INSPECTION HOLE



STORM SEWER CONCRETE COLLAR AND GROUT CONNECTION

DETAILS SHOWN ARE NOT TO SCALE

UNDERDRAIN DETAILS

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



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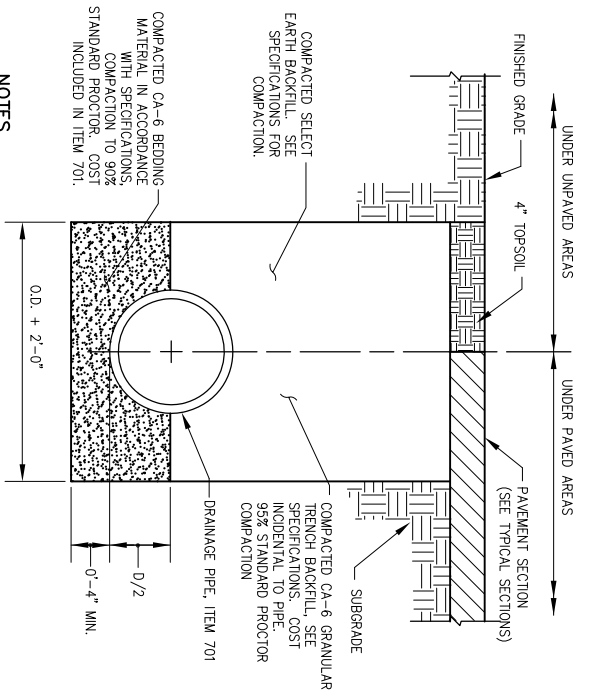
Hanson Professional Services Inc.
 815 Commerce Drive Suite 200
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Hanson No. 10A0072
 Filename 30-UNDERDRAIN DETAILS.DWG
 Scale
 Date APRIL 22, 2011

LAYOUT	KMS	02/28/11
DRAWN	KMS	02/28/11
REVIEWED	RMH	4/22/11

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DATE	REVISION



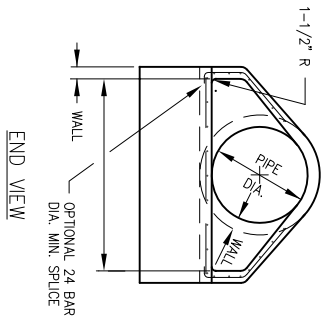
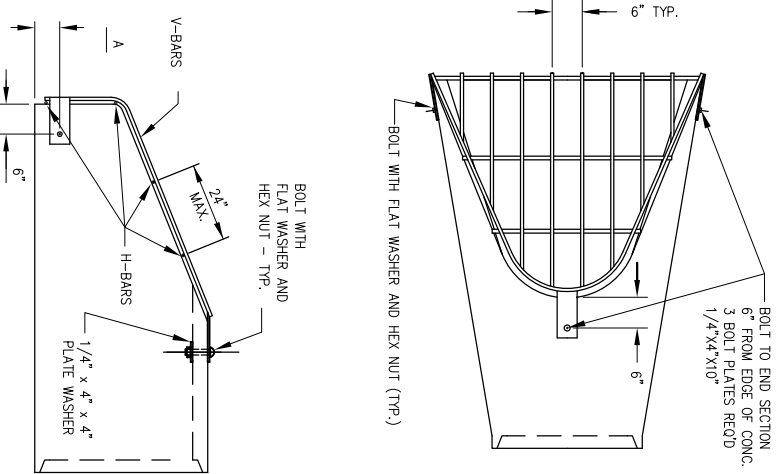
- NOTES**
1. UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND REPLACED.
 2. WITHIN 3 FEET OF PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.
 3. AT CONTRACTOR'S OPTION (DOT CONTROLLED LOW STRENGTH MATERIAL WITH A HIGH EARLY STRENGTH, "FLASH FILL,"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

PIPE TRENCH

DIA. INCHES	V-BAR SIZE INCHES	H-BAR SIZE	No. OF H-BARS REQ'D.	BOLT DIA. INCHES	"A" DIM. INCHES
12	1/20	5/8	3	1/2	4
15	1/20	5/8	3	1/2	4 1/2
18	1/20	5/8	4	1/2	4 1/2
21	1/20	5/8	4	1/2	5
24	5/8	3/4	4	1/2	5
27	5/8	3/4	4	1/2	5 1/2
30	5/8	3/4	4	1/2	5 1/2
36	3/4	10	4	3/4	8
42	3/4	10	4	3/4	8
48	3/4	10	5	3/4	8
54	3/4	1-1/2 PIPE	5	3/4	8
24 X 38 ELLIPTICAL	3/4	10	5	3/4	8

- NOTES**
1. BARS AND PLATES ARE HOT ROLLED STEEL.
 2. BARS, PLATES, PIPE AND BOLTS ARE GALVANIZED.

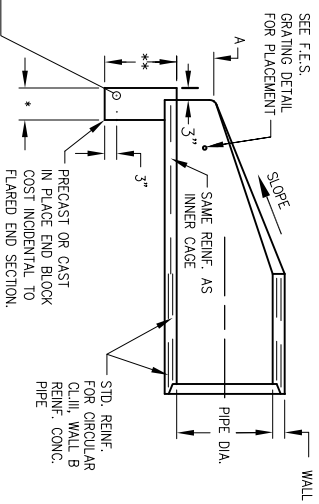
GRATING FOR FLARED END SECTION



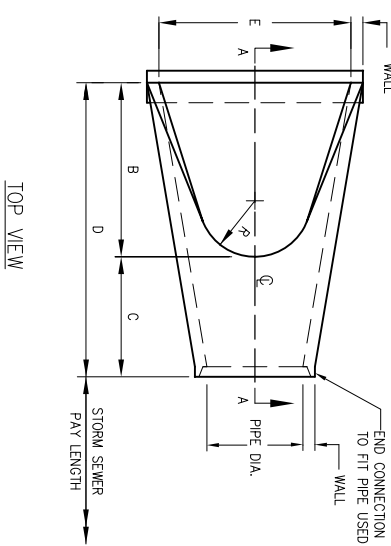
END VIEW

- * 8" - 36" DIA. PIPE OR LESS
- 10" - GREATER THAN 36" DIA. PIPE
- ** 18" - 36" DIA. PIPE OR LESS
- 24" - GREATER THAN 36" DIA. PIPE
- 2 - NO. 4 BARS

SECTION A-A



- NOTES**
1. GRATING SHALL BE PAID FOR UNDER ITEM AR752518.
 2. THE END BLOCK SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE FLARED END SECTION. THE END BLOCK SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 502.10 OF IDOT SPECIFICATIONS, WITH COST INCIDENTAL TO FLARED END SECTION.
 3. PRECAST CONCRETE FLARED END SECTIONS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-170 CLASS III, WALL B REINFORCED CONCRETE PIPE.
 4. MODIFICATION IS DUE TO THE RELOCATION OF THE CONNECTION POINT BETWEEN THE GRATE AND THE FLARED END SECTION.



TOP VIEW

PIPE DIA.	WALL	A	B	C	D	E	R	SLOPE
12"	2"	4"	2'-0"	4'-0 7/8"	6'-0 7/8"	2'-0"	9"	3:1
15"	2 1/4"	6"	2'-3"	3'-10"	6'-1"	2'-6"	11"	3:1
18"	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	12"	3:1
21"	2 3/4"	9"	2'-11"	3'-2"	6'-1"	3'-6"	13"	3:1
24"	3"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	14"	3:1
27"	3 1/4"	10 1/2"	4'-0"	2'-1 1/2"	6'-1 1/2"	4'-6"	14 1/2"	3:1
30"	3 1/2"	1'-0"	4'-6 1/2"	1'-7 3/4"	6'-1 3/4"	5'-0"	15"	3:1
33"	3 3/4"	1'-1 1/2"	4'-10 1/2"	3'-3 1/4"	6'-1 3/4"	5'-6"	17 1/2"	3:1
36"	4"	1'-3"	5'-3"	2'-10 3/4"	8'-1 3/4"	6'-0"	20"	3:1
42"	4 1/2"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	22"	3:1
48"	5"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	22"	3:1
54"	5 1/2"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	24"	2.4:1

PRECAST CONCRETE FLARED END SECTION

(IDOT STANDARD 542301-MODIFIED)

DETAILS SHOWN ARE NOT TO SCALE

STORM SEWER DETAILS

REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48



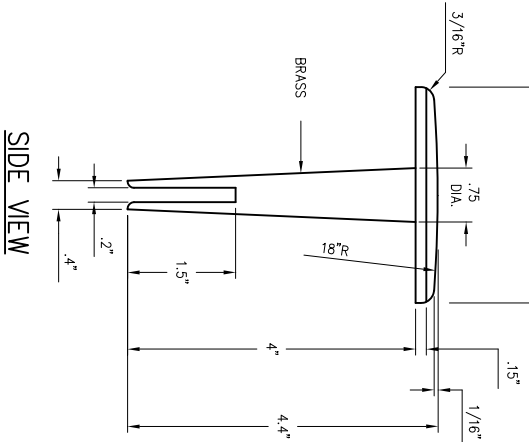
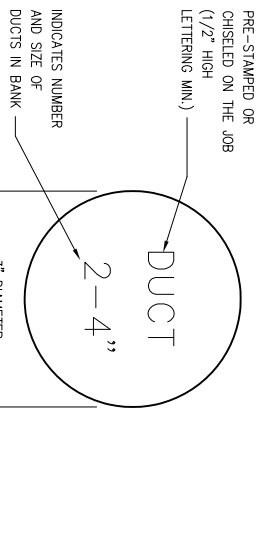
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 Filename 31-SEWER DETAILS.DWG
 Scale N/A
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LAYOUT	KMS	02/28/11
DRAWN	KMS	02/28/11
REVIEWED	RMH	4/22/11

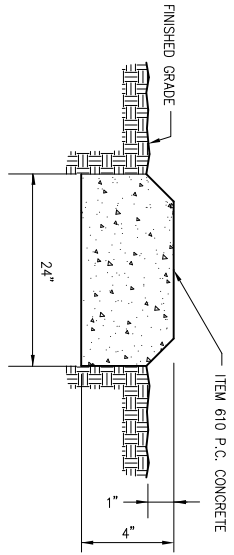
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DATE	REVISION

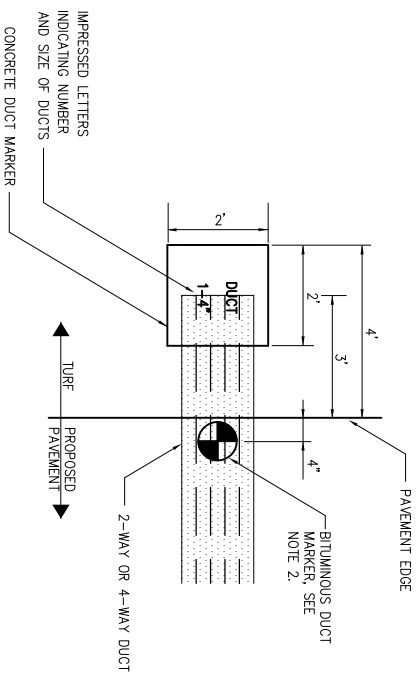


NOTE: TOP OF MARKER SHALL BE FLUSH WITH FINISHED PAVEMENT SURFACE. MARKER MAY BE INSTALLED IN A DRILLED HOLE AND SECURED WITH EPOXY GLE.

BITUMINOUS PAVEMENT MARKER

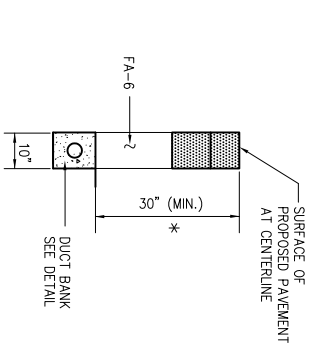


CONCRETE MARKER



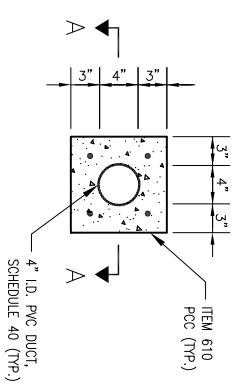
LOCATION PLAN

TURF AND PAVEMENT DUCT MARKERS



ENCASED DUCT CROSSING UNDER PAVEMENT

* DEPTH TO BE ADJUSTED SO THAT TOP OF DUCT ENCASMENT TO BE 12\"/>



CONCRETE ENCASED DUCTS

NOTES:

1. THE COSTS OF ALL TURF AND PAVEMENT DUCT MARKERS SHALL BE INCIDENTAL TO THE DUCT. THE COST OF ALL CABLE MARKERS SHALL BE INCIDENTAL TO THE CABLE.
2. BITUMINOUS PAVEMENT MARKER TO BE PROVIDED AT EACH END OF EACH DUCT AS SHOWN ON THE LOCATION PLAN. CONCRETE DUCT MARKER SHALL BE PLACED AT NORTH END OF DUCT.
3. CABLE MARKERS SHALL BE PLACED AT CHANGES OF DIRECTION AND EVERY 200' ALONG CABLE RUNS.
4. LETTERS 4" HIGH, 3" WIDE WITH WIDTH OF STROKE 1/2" AND 1/4" DEEP. ALL LETTERS, NUMBERS AND ARROWS TO BE IMPRESSED.

DATE	REVISION

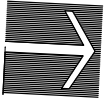
LE042

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Hanson No.	10A0072		
Filename	32-ELECTRICAL DETAILS.DWG		
Scale	N/A		
Date	APRIL 22, 2011		
LAYOUT	KMS	03/02/11	
DRAWN	KMS	03/02/11	
REVIEWED	RMH	4/22/11	

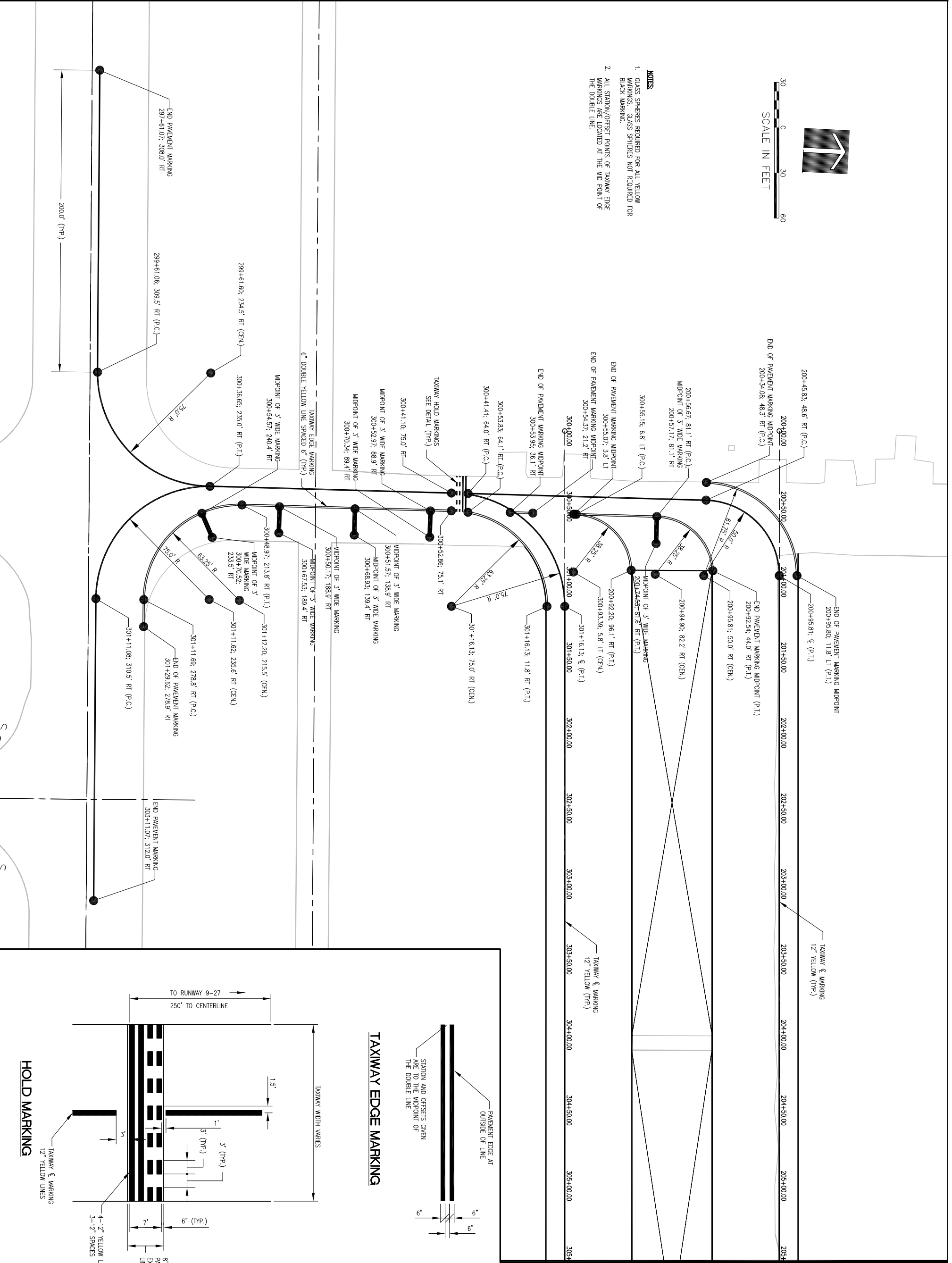
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ELECTRICAL DETAILS
REHABILITATE NORTH HANGAR PAVEMENTS,
 IDA No. LOT-4020 AIP No. 3-17-0140-B48

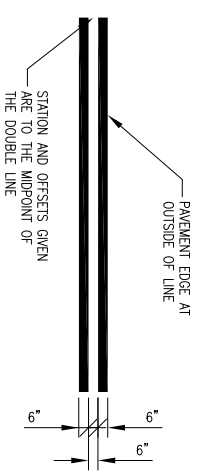


SCALE IN FEET
 0 30 60

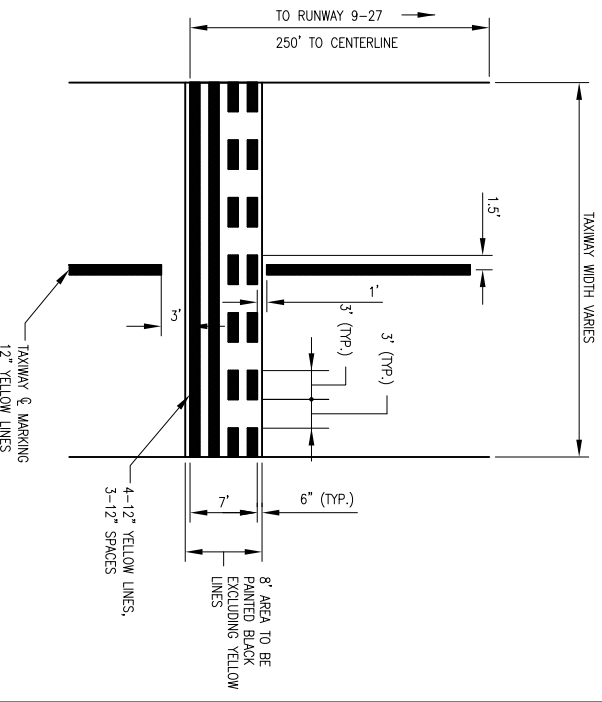
- NOTES**
- GLASS SPHERES REQUIRED FOR ALL YELLOW MARKINGS. GLASS SPHERES NOT REQUIRED FOR BLACK MARKINGS.
 - ALL STATION/OFFSET POINTS OF TAXIWAY EDGE MARKINGS ARE LOCATED AT THE MID POINT OF THE DOUBLE LINE.



MATCH LINE STA. 205+50



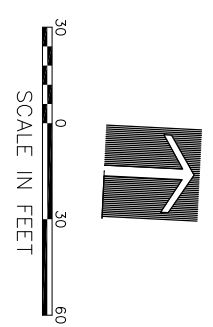
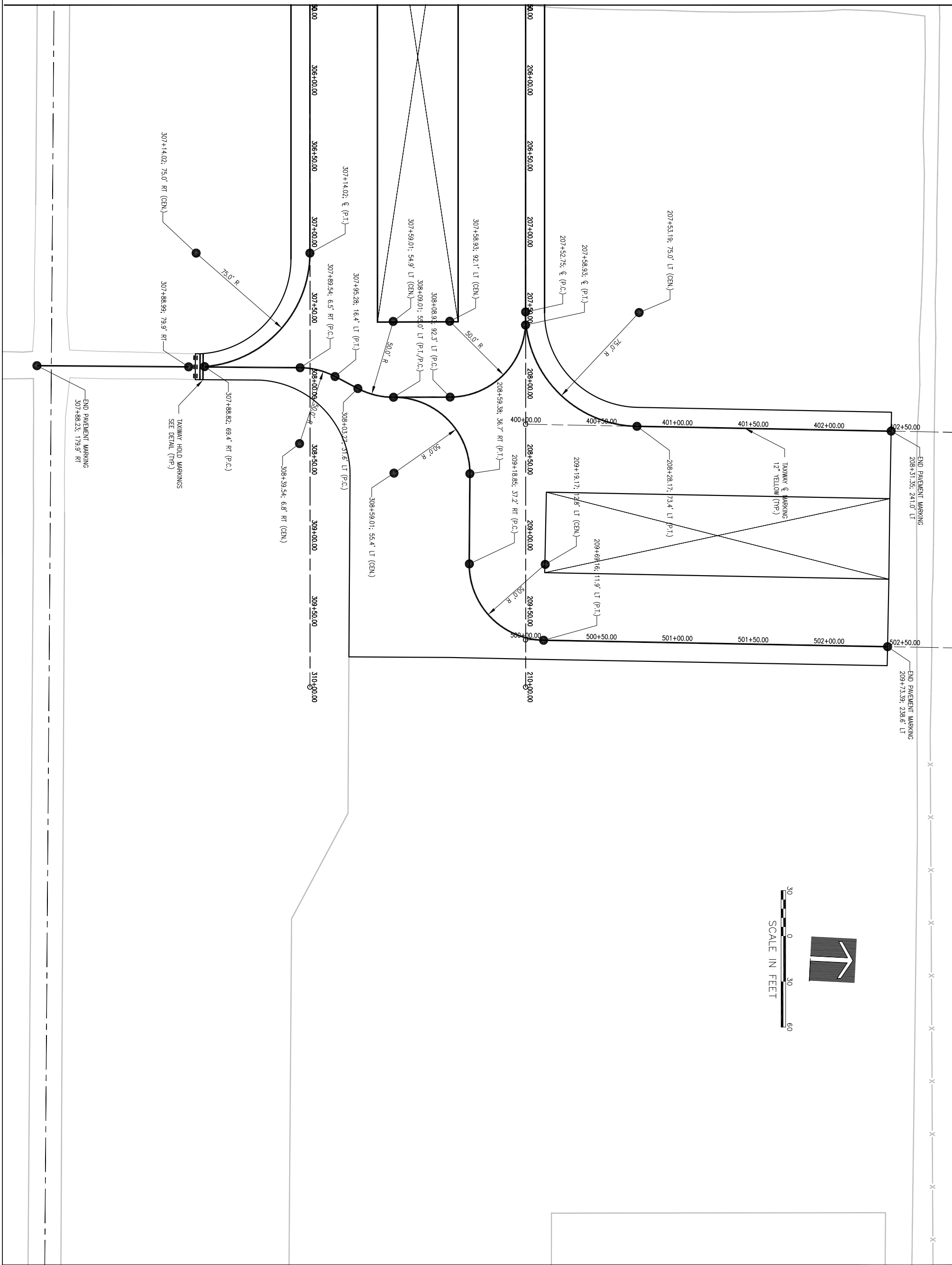
TAXIWAY EDGE MARKING




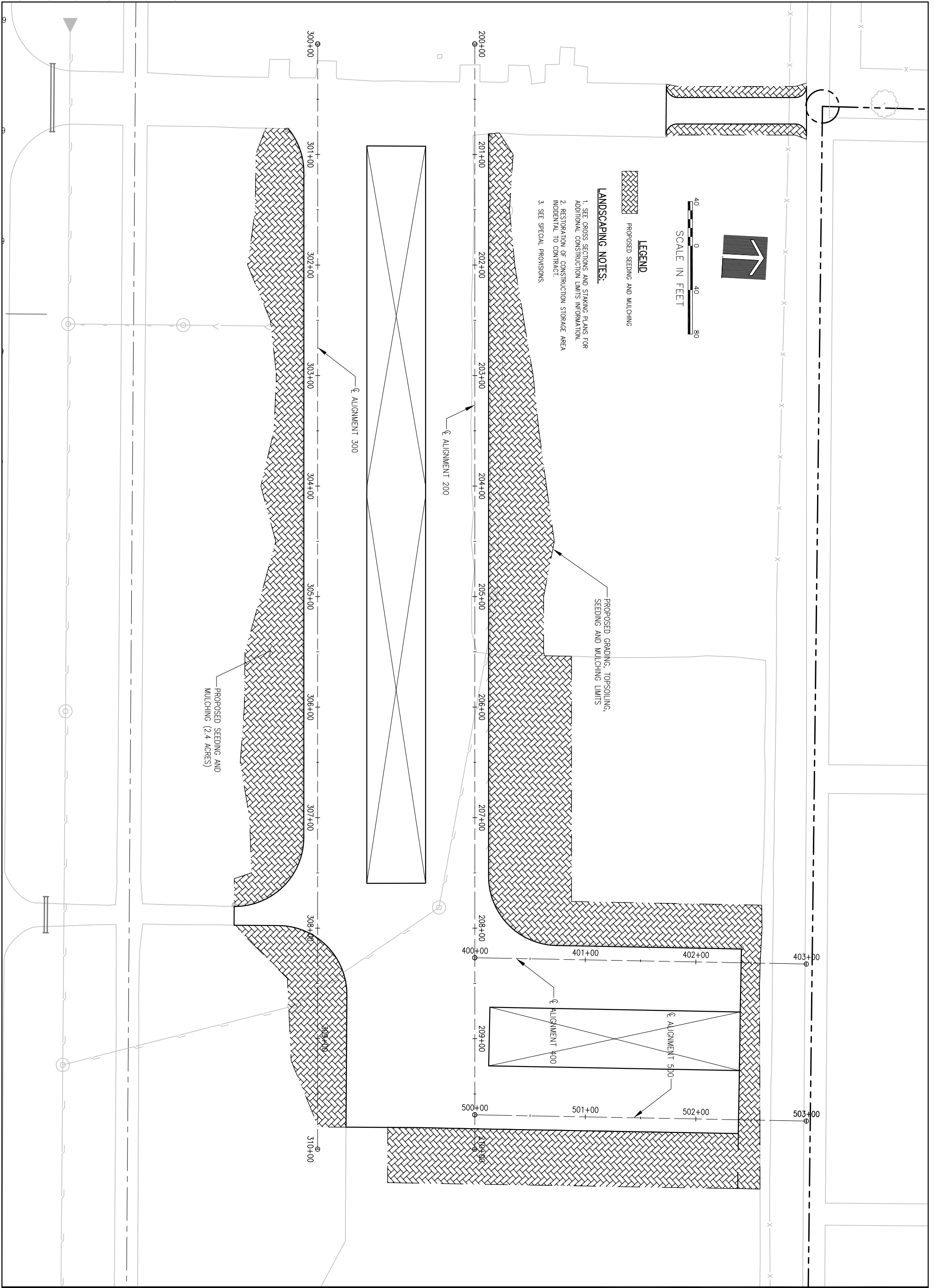
HOLD MARKING

<p style="font-size: 24pt; font-weight: bold;">33</p> <p>33 of 38 sheets</p>	<p>MARKING PLAN</p>	<p>HANSON Copyright Hanson Professional Services Inc. 2011</p>	Hanson No. 10A0072 Filename 33-MARKING PLAN STA. 200+00 THRU STA. 205+50.DWG Scale 1"=20' Date APRIL 22, 2011	<p>Chicago-Romeoville Airport JOLIET REGIONAL PORT DISTRICT 1 George Michas Drive Romeoville, Illinois 60446 Telephone: 815.838.9497 Fax: 815.838.9524</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>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																			<p style="font-size: 18pt; font-weight: bold;">LE042</p>
	DATE		REVISION																							
<p>REHABILITATE NORTH HANGAR PAVEMENTS, IDA No. LOT-4020 AIP No. 3-17-0140-B48</p>	<p>Hanson Professional Services Inc. 815 Commerce Drive Suite 200 Oak Brook, Illinois 60523</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>LAYOUT</td> <td>KMS</td> <td>02/17/11</td> </tr> <tr> <td>DRAWN</td> <td>KMS</td> <td>02/17/11</td> </tr> <tr> <td>REVIEWED</td> <td>RMH</td> <td>4/22/11</td> </tr> </table>	LAYOUT	KMS	02/17/11	DRAWN	KMS	02/17/11	REVIEWED	RMH	4/22/11	<p>Chicago-Romeoville Airport JOLIET REGIONAL PORT DISTRICT</p>														
LAYOUT	KMS	02/17/11																								
DRAWN	KMS	02/17/11																								
REVIEWED	RMH	4/22/11																								

MATCH LINE STA. 205+50



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REHABILITATE NORTH HANGAR PAVEMENTS, IDA No. LOT-4020 AIP No. 3-17-0140-B48	Hanson Professional Services Inc. 815 Commerce Drive Suite 200 Oak Brook, Illinois 60523	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>LAYOUT</td> <td>KMS</td> <td>02/17/11</td> </tr> <tr> <td>DRAWN</td> <td>KMS</td> <td>02/17/11</td> </tr> <tr> <td>REVIEWED</td> <td>RMH</td> <td>4/22/11</td> </tr> </table>	LAYOUT	KMS	02/17/11	DRAWN	KMS	02/17/11	REVIEWED	RMH	4/22/11	<p>LE042</p>					
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REVIEWED	RMH	4/22/11															



LANDSCAPING PLAN

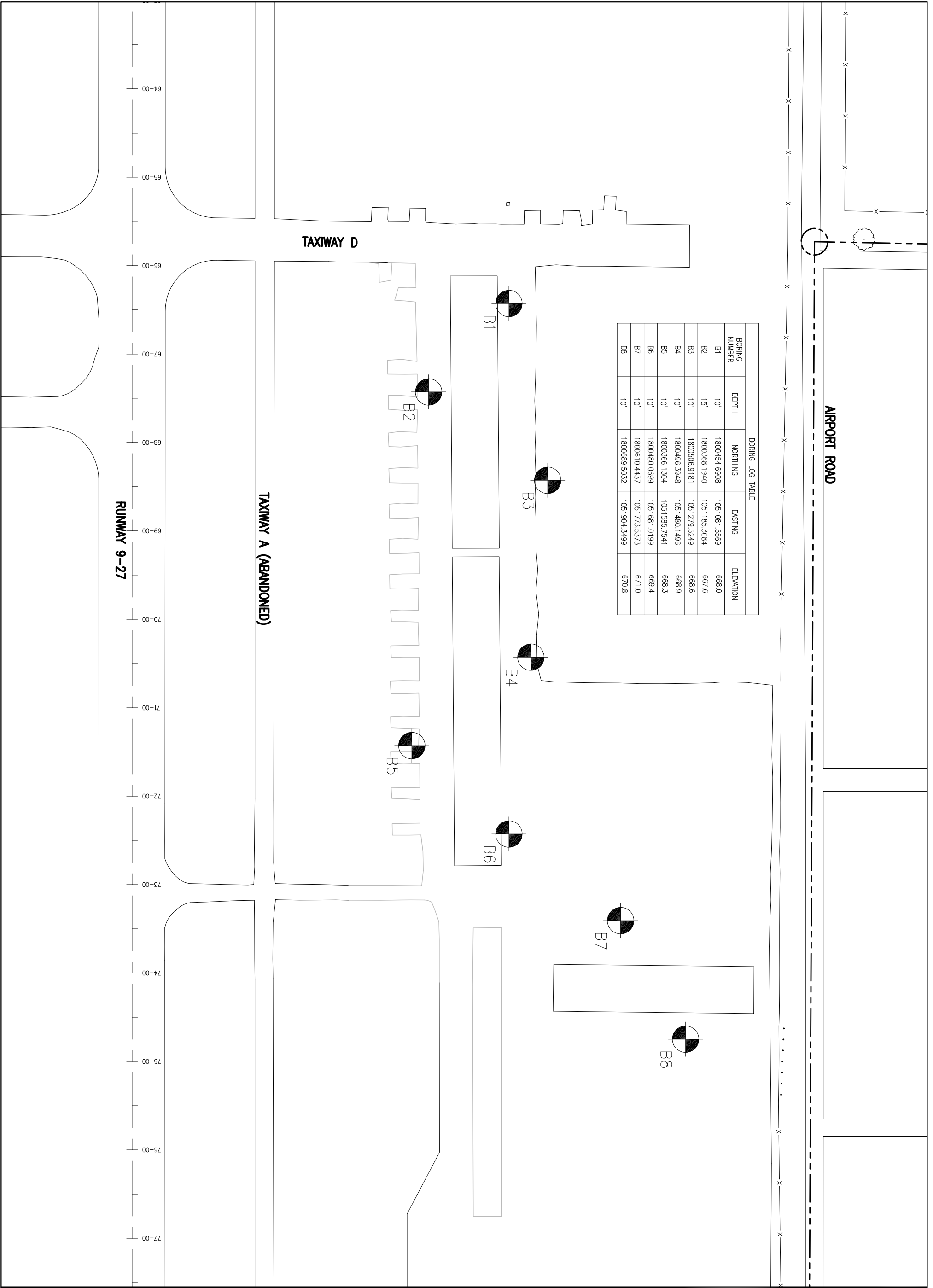
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Hanson No.	10A0072	
Filename	35--LANDSCAPING PLAN.DWG	
Scale	1"=40'	
Date	APRIL 22, 2011	
LAYOUT	KMS	02/25/11
DRAWN	KMS	02/25/11
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BORING LOCATION MAP

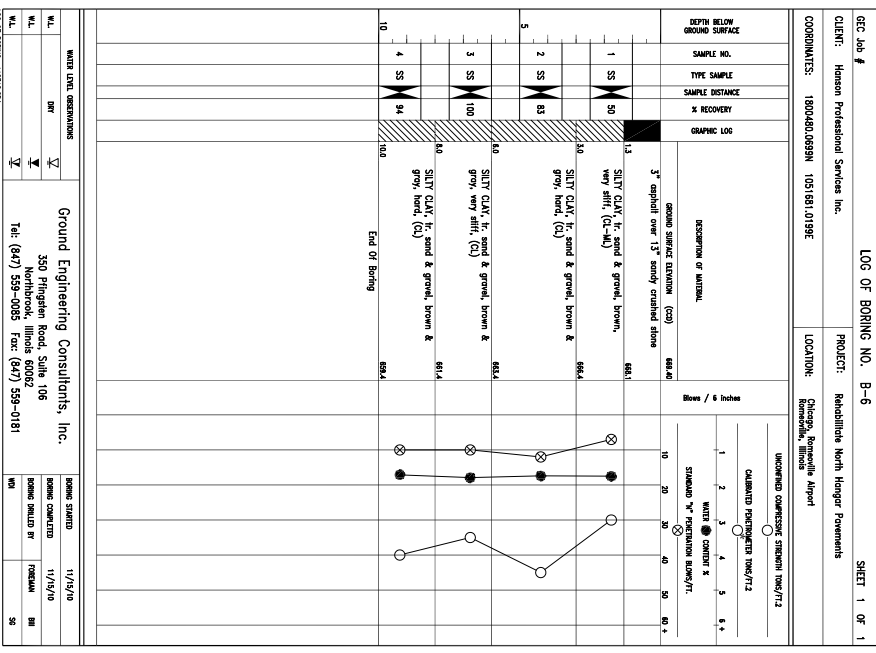
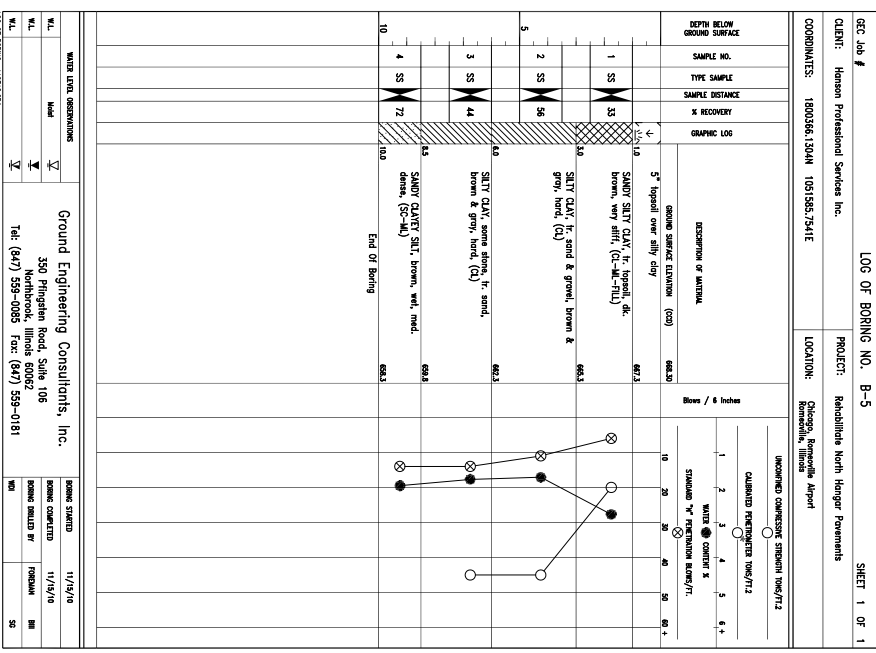
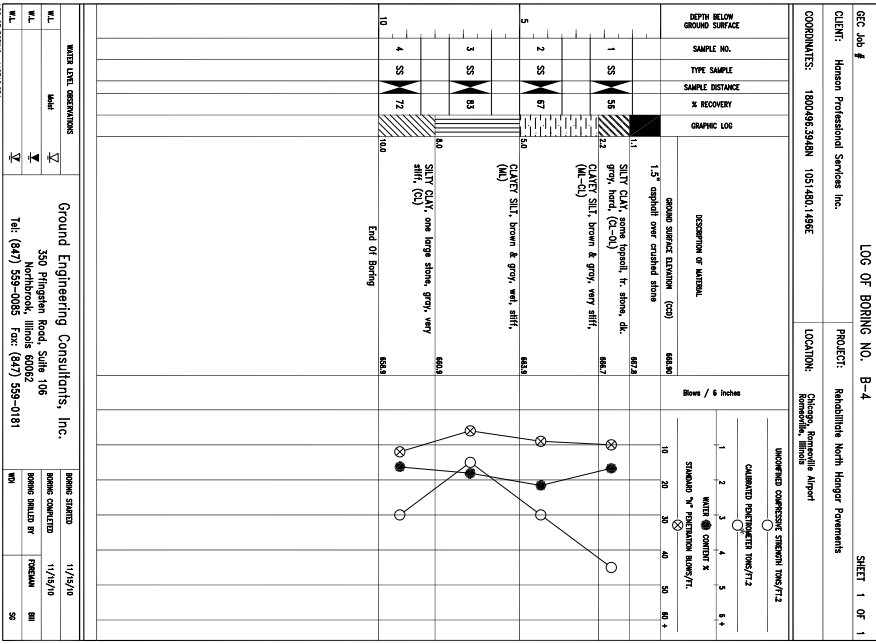
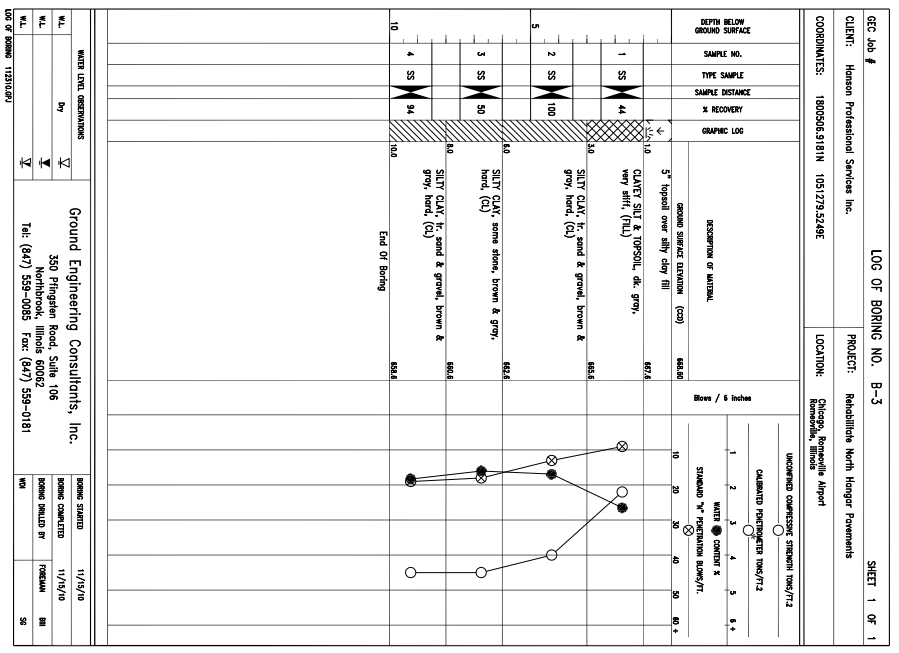
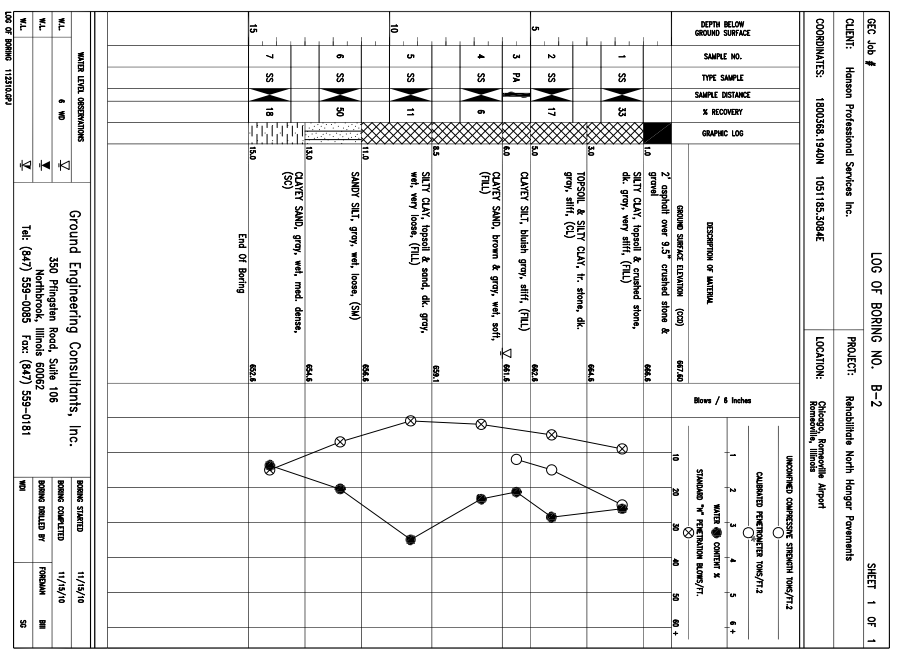
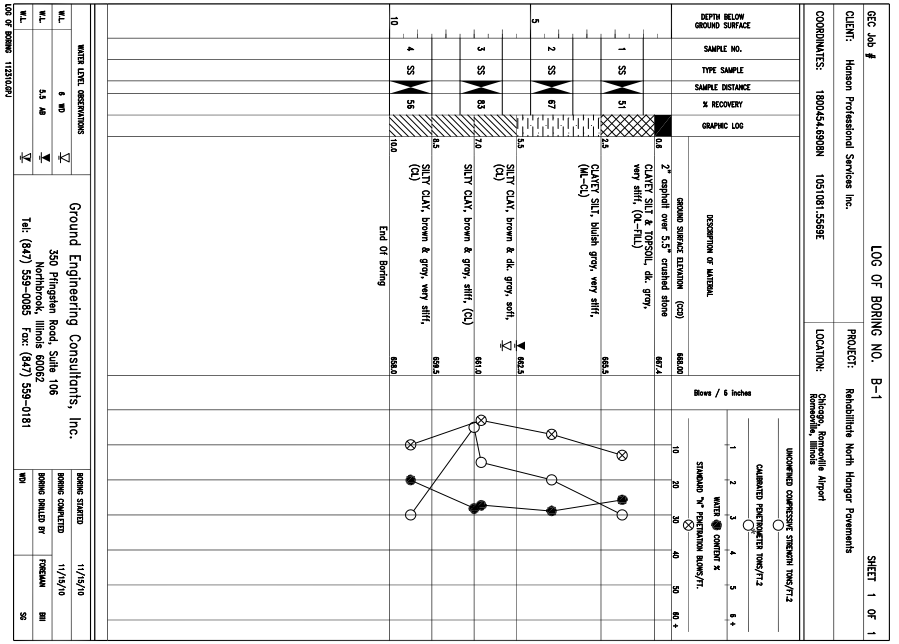
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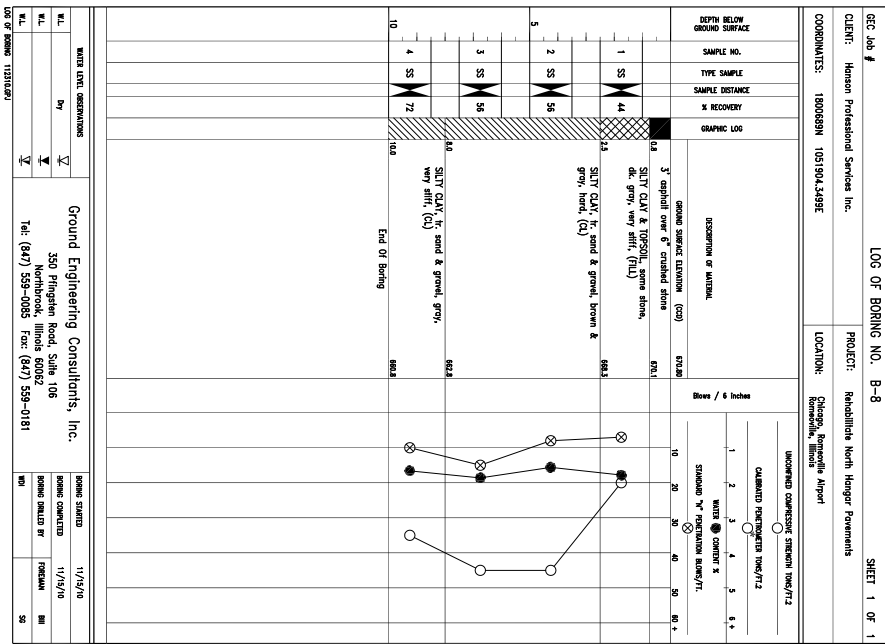
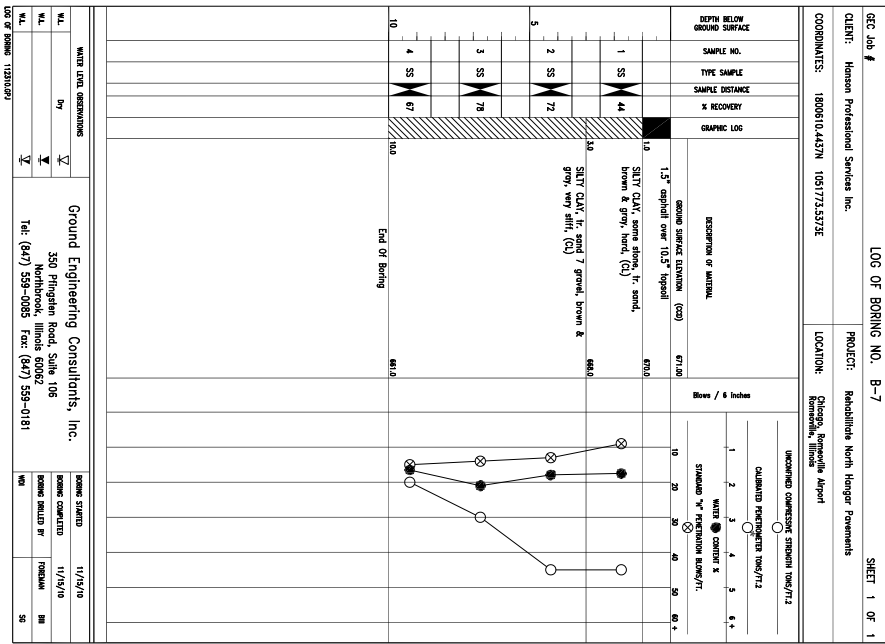
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REVIEWED	RMH	4/22/11

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**BORING LOGS
 B-7 THRU B-8**



Hanson No.	10A0072
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Scale	N/A
Date	APRIL 22, 2011

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DRAWN	LDH	12/29/10
REVIEWED	RMH	4/22/11

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