

ITEM NO. 9A

IDOT LETTING: MARCH 3, 2017

DK058
TOTAL SHEETS = 42

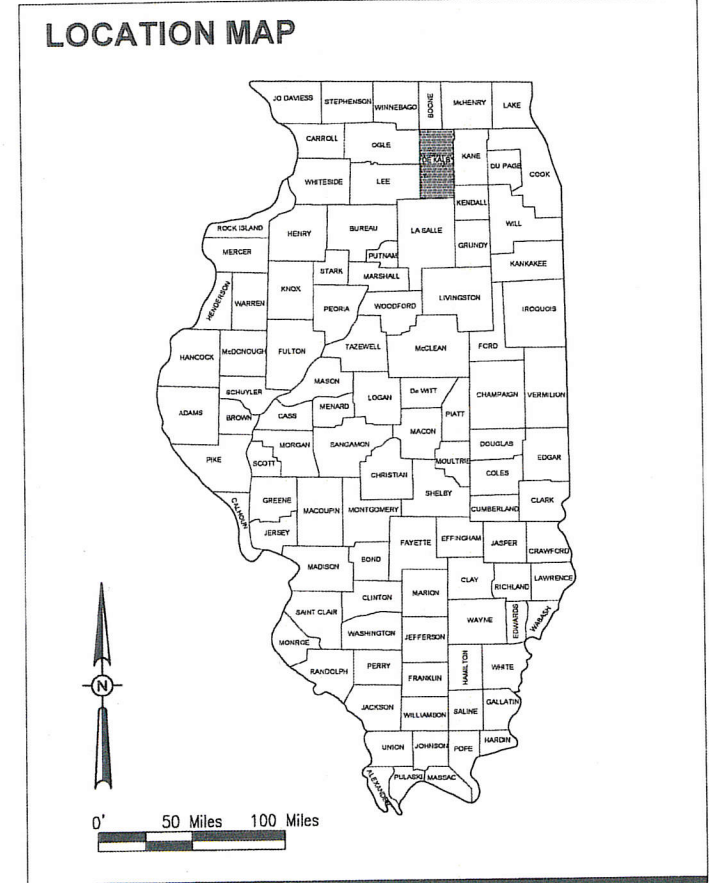
REHABILITATE T-HANGAR PAVEMENTS, AIRPORT ENTRANCE ROAD AND AUTO PARKING LOT

CITY OF DEKALB
DEKALB TAYLOR MUNICIPAL AIRPORT (DKB)
DEKALB, DEKALB COUNTY, ILLINOIS

IDA PROJECT NO. DKB-4431

SBG PROJECT NOS. 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

JANUARY 6, 2017



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.

JAN 24, 2017 9:46 AM HAUSMAN0082
I:\6\JOBS\16A00141\9A00141\DKB\AIRPORT\9A\11-SHEET01-COVER.DWG

No.	Issue/Description	Sheets Changed	Date	By

EXP: 11/30/17

JANUARY 6, 2017
Date

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Project Engineer

HANSON
HANSON PROFESSIONAL SERVICES INC.
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Ronald M. Hudson

Ronald M. Hudson, AICP
Project Manager

JANUARY 6, 2017
Date

CITY OF DEKALB
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Telephone: 815.748.8102

Thomas R. Cleveland

Tom Cleveland
Airport Manager

JANUARY 6, 2017
Date

SUMMARY OF QUANTITIES

INDEX OF SHEETS	
SHEET NO.	TITLE
1	COVER SHEET
2	SHEET INDEX AND SUMMARY OF QUANTITIES
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15	TYPICAL SECTIONS AND PAVEMENT DETAILS
16	STORM WATER POLLUTION PREVENTION PLAN
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19	CRACK REPAIR PLAN-1
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41	BORING LOGS B-1 THROUGH B-4
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ITEM NO.	DESCRIPTION	UNIT	AS-BID QUANTITY	RECORD PAID
AR150510	ENGINEER'S FIELD OFFICE	LUMP SUM	1.0	
AR150530	TRAFFIC MAINTENANCE	LUMP SUM	1.0	
AR150540	HAUL ROUTE	LUMP SUM	1.0	
AR152410	UNCLASSIFIED EXCAVATION	CUBIC YARD	980.0	
AR152540	SOIL STABILIZATION FABRIC	SQUARE YARD	3,911.0	
AR154606	GRANULAR DRAINAGE SUBBASE - 6"	SQUARE YARD	3,911.0	
AR156510	SILT FENCE	LINEAR FOOT	272.0	
AR156520	INLET PROTECTION	EACH	7.0	
AR156533	TEMPORARY SEED AND MULCH	ACRE	0.5	
AR156544	RIPRAP - GRADATION NO. 4	SQUARE YARD	101.0	
AR162570	DETECTOR LOOP	LUMP SUM	1.0	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	LINEAR FOOT	3,924.0	
AR201663	SAND MIX CRACK REPAIR	LINEAR FOOT	843.0	
AR201670	CRACK CONTROL FABRIC	SQUARE YARD	47.0	
AR208606	6" AGGREGATE BASE COURSE	SQUARE YARD	28.0	
AR209606	CRUSHED AGG. BASE COURSE - 6"	SQUARE YARD	3,911.0	
AR401613	BIT. SURF. CSE.-METHOD I, SUPERPAVE	TON	1,385.0	
AR401650	BITUMINOUS PAVEMENT MILLING	SQUARE YARD	1,627.0	
AR401660	SAW & SEAL BIT. JOINTS	LINEAR FOOT	1,304.0	
AR401665	BITUMINOUS PAVEMENT SAWING	LINEAR FOOT	2,156.0	
AR401900	REMOVE BITUMINOUS PAVEMENT	SQUARE YARD	3,855.0	
AR401910	REMOVE AND REPLACE BIT. PAVEMENT	SQUARE YARD	4.0	
AR403613	BIT. BASE CSE.-METHOD I, SUPERPAVE	TON	948.0	
AR501604	4" PCC SIDEWALK	SQUARE FOOT	245.0	
AR501665	PCC PAVEMENT SAWING	LINEAR FOOT	17.0	
AR501690	PCC SIDEWALK REMOVAL	SQUARE FOOT	355.0	
AR602510	BITUMINOUS PRIME COAT	GALLONS	1,158.0	
AR603510	BITUMINOUS TACK COAT	GALLONS	2,036.0	
AR620520	PAVEMENT MARKING-WATERBORNE	SQUARE FOOT	1,950.0	
AR620900	PAVEMENT MARKING REMOVAL	SQUARE FOOT	115.0	
AR705506	6" PERFORATED UNDERDRAIN	LINEAR FOOT	357.0	
AR705640	UNDERDRAIN CLEANOUT	EACH	2.0	
AR754410	COMB CONCRETE CURB & GUTTER	LINEAR FOOT	115.0	
AR754610	PAVED DITCH	LINEAR FOOT	376.0	
AR800918	REMOVE RIPRAP	SQUARE YARD	206.0	
AR800972	BITUMINOUS SAND MIX - 2"	SQUARE YARD	25.0	
AR803049	REMOVE HANDICAP SIGN	EACH	4.0	
AR901510	SEEDING	ACRE	0.7	
AR905520	TOPSOILING (FROM OFF SITE)	CUBIC YARD	343.0	
AR908510	MULCHING	ACRE	0.7	
AR910230	HANDICAP SIGN	EACH	4.0	

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.

REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 02-SOQ.DWG
LAYOUT BY: LDH 10/25/16
DRAWN BY: LDH 10/25/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

SHEET INDEX
AND SUMMARY
OF QUANTITIES

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431
SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
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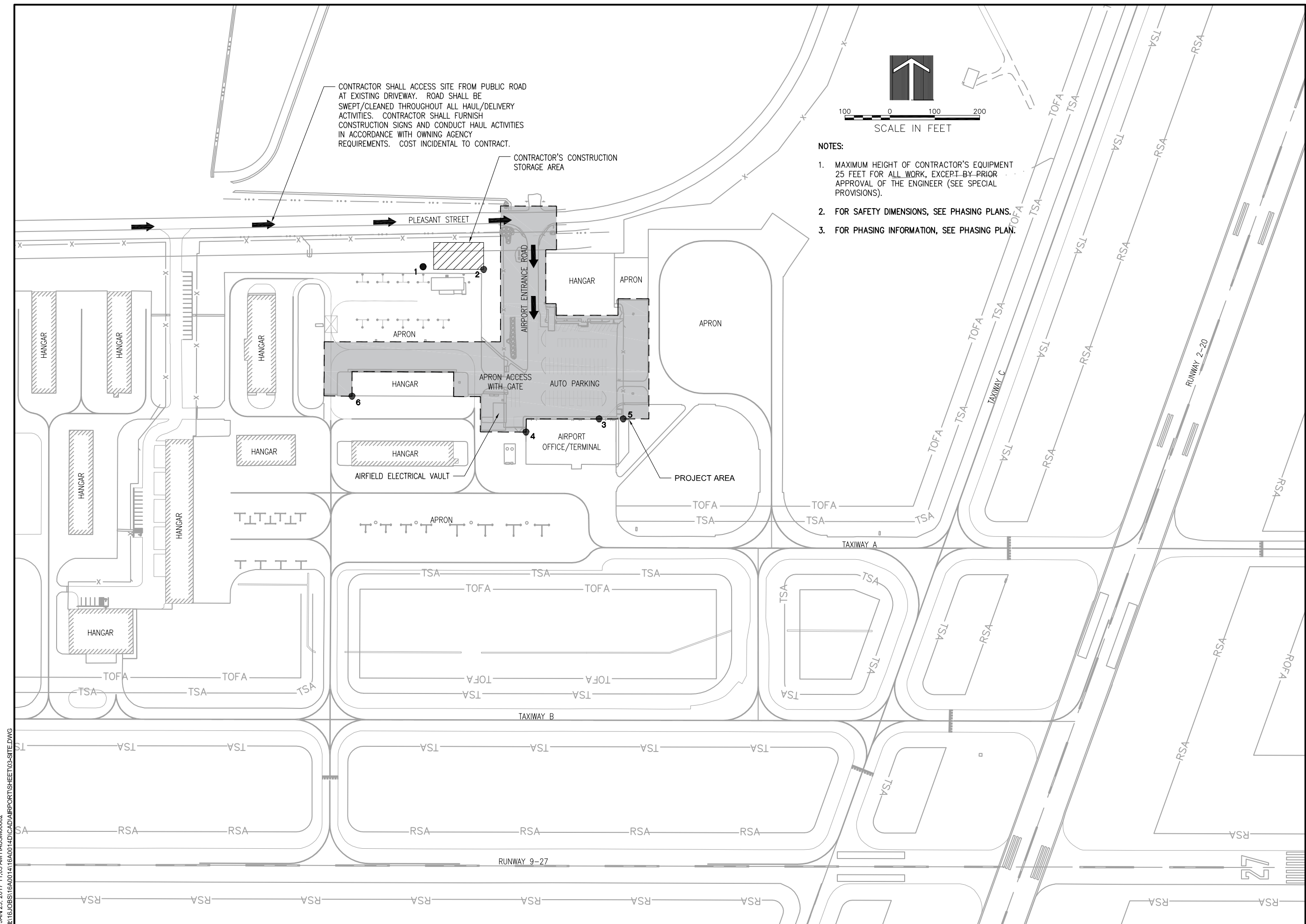
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 03-SITE.DWG
LAYOUT BY: LDH 8/19/16
DRAWN BY: LDH 8/19/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**SITE PLAN AND
GENERAL NOTES**



CONTRACTOR SHALL ACCESS SITE FROM PUBLIC ROAD AT EXISTING DRIVEWAY. ROAD SHALL BE SWEEP/CLEANED THROUGHOUT ALL HAUL/DELIVERY ACTIVITIES. CONTRACTOR SHALL FURNISH CONSTRUCTION SIGNS AND CONDUCT HAUL ACTIVITIES IN ACCORDANCE WITH OWNING AGENCY REQUIREMENTS. COST INCIDENTAL TO CONTRACT.

CONTRACTOR'S CONSTRUCTION STORAGE AREA

- NOTES:**
1. MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT 25 FEET FOR ALL WORK, EXCEPT BY PRIOR APPROVAL OF THE ENGINEER (SEE SPECIAL PROVISIONS).
 2. FOR SAFETY DIMENSIONS, SEE PHASING PLANS.
 3. FOR PHASING INFORMATION, SEE PHASING PLAN.

JAN 23, 2017 11:05 AM HAUSM00682
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GENERAL NOTES

PROJECT DESCRIPTION

THIS PROJECT IS TO REHABILITATE T-HANGAR, ENTRANCE ROAD AND AUTO PARKING PAVEMENTS AT DEKALB TAYLOR MUNICIPAL AIRPORT INCLUDING, AMONG OTHER INCIDENTAL WORK, THE FOLLOWING ITEMS:

- PLACEMENT OF TEMPORARY SOIL EROSION CONTROL MEASURES.
- CRACK REPAIR OF EXISTING PARKING LOT AND ENTRANCE ROAD PAVEMENTS.
- HMA OVERLAY OF EXISTING PARKING LOT AND ENTRANCE ROAD PAVEMENTS.
- REMOVAL OF EXISTING T-HANGAR PAVEMENTS.
- INSTALLATION OF UNDERDRAIN IN T-HANGAR AREA.
- INSTALLATION OF AGGREGATES AND HMA PAVEMENTS IN T-HANGAR AREA.
- INSTALLATION OF RIPRAP, PAVED DITCH AND CURB & GUTTER.
- INSTALLATION OF NEW DETECTOR LOOPS AT EXISTING ELECTRIC GATE.
- PLACEMENT OF PAVEMENT MARKINGS.
- TOPSOILING, SEEDING AND MULCHING IN ALL DISTURBED AREAS, INCLUDING ALONG NEW PAVEMENT EDGES.

PROTECTION OF EXISTING AIRPORT FACILITIES

THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND LIGHTING EQUIPMENT; DRIVEWAY AND ROAD PAVEMENT AND SHOULDERS; RUNWAY, TAXIWAY AND APRON PAVEMENTS AND SHOULDERS; RUNWAY, TAXIWAY AND AIRPORT LIGHTING EQUIPMENT; AND SEEDED AND TURFED AREAS THAT ARE UTILIZED IN OR AFFECTED BY THE CONTRACTOR'S ACTIVITIES. ITEMS DAMAGED BY THE CONTRACTOR ARE TO BE REPAIRED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF 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 SHEET 6. 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. 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. FOR HAUL ROUTES MADE BY CONTRACTOR THROUGH GRASSED AREAS, CONTRACTOR SHALL GRADE, LEVEL, TOPSOIL, SEED AND MULCH AT THE END OF THE PROJECT, COST INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR IS TO PROVIDE AN EQUIPMENT STORAGE AND PARKING AREA AT THE LOCATIONS SHOWN ON SHEET 6. 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 J.U.L.I.E. (PHONE 800-892-0123) TO ASSIST IN THE ABOVE.

THE CONTRACTOR SHALL PROTECT ANY FACILITIES TO THE SATISFACTION OF THE UTILITY OR OWNING-AGENCY WITH THE COST OF ANY REQUIRED PROTECTION TO BE INCIDENTAL TO THE CONTRACT. IN THE EVENT A UTILITY LINE OR SERVICE IS UNEXPECTEDLY ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE 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:

 B.M.1
 MF1787
 N 584,412.494
 E 267,715.019
 APPROX ELEV. 904

 B.M.2
 MF1786
 N 584,424.704
 E 268,186.909
 APPROX ELEV. 908



PROJECT IS LOCATED IN NORTHWEST 1/4 OF SECTION 19, CORTLAND TOWNSHIP, DEKALB COUNTY

NOTES

1. COORDINATES ARE IN NAD 83 FOR HORIZONTAL AND NAVD 88 FOR VERTICAL.
2. STATIONS, OFFSETS AND ELEVATIONS SHOWN ARE IN FEET.
3. THE AIRPORT REFERENCE CODE FOR RUNWAY 9-27 IS B-II WITH NON-PRECISION APPROACHES WITH VISIBILITY 1 MILE OR GREATER ON BOTH RUNWAY 9 AND RUNWAY 27.
4. THE AIRPORT REFERENCE CODE FOR RUNWAY 2-20 IS D-III. RUNWAY 2 HAS A PRECISION APPROACH WITH VISIBILITY MINIMUM OF 1/2 MILE WHILE RUNWAY 20 HAS A NON-PRECISION APPROACH WITH VISIBILITY AS LOW AS 3/4 MILE.

RUNWAY END COORDINATES

DESCRIPTION	LATITUDE	LONGITUDE	RUNWAY STATION	RUNWAY ELEVATION
RUNWAY 9 END	41°55'44.39" N	88°43'07.60" W	96+99	911.4
RUNWAY 27 END	41°55'44.47" N	88°42'12.01" W	139+01	911.7
RUNWAY 2 END	41°55'39.48" N	88°42'24.43" W	100+00	912.6
RUNWAY 20 END	41°56'44.91" N	88°41'53.39" W	172+27	903.7

OBJECT INFORMATION													
ITEM NO.	DESCRIPTION	PHASE	MOBILITY	GROUND ELEVATION	OBJECT ELEVATION	LATITUDE	LONGITUDE	RUNWAY 9-27 STATION	RUNWAY 9-27 OFFSET	RUNWAY 9-27 EXIST EL.	RUNWAY 2-20 STATION	RUNWAY 2-20 OFFSET	RUNWAY 2-20 EXIST EL.
1	ENGINEER'S FIELD OFFICE	ALL	STATIONARY	908.6	923.6	41° 55' 57.6133" N	88° 42' 39.7906" W	118+05.10	1,334.33	908.0	115+43.50	1,706.43	905.5
2	CONTRACTOR'S CONSTRUCTION STORAGE	ALL	STATIONARY	908.1	933.1	41° 55' 57.5599" N	88° 42' 38.0048" W	119+40.06	1,328.63	907.0	115+83.45	1,577.39	905.5
3	CONSTRUCTION EQUIPMENT	PHASE 1	MOVING	909.2	934.2	41° 55' 54.2827" N	88° 42' 34.5854" W	121+97.81	996.35	906.0	113+56.98	1,223.05	905.5
4	CONSTRUCTION EQUIPMENT	PHASE 1 & 3	MOVING	909.1	934.1	41° 55' 53.9860" N	88° 42' 36.7326" W	120+35.45	966.66	906.5	112+74.50	1,366.02	906.0
5	CONSTRUCTION EQUIPMENT	PHASE 2 & 3	MOVING	908.4	933.4	41° 55' 54.2850" N	88° 42' 33.8756" W	122+51.46	996.47	905.5	113+75.11	1,172.55	905.5
6	CONSTRUCTION EQUIPMENT	PHASE 2 & 3	MOVING	910.3	935.3	41° 55' 54.7577" N	88° 42' 41.8674" W	116+47.51	1,045.61	908.5	112+18.63	1,757.95	906.0



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Illinois Licensed
Professional Service Corporation
#184-001084



DeKalb Taylor Municipal Airport
3232 Pleasant Street
DeKalb, IL 60115

REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBG-111
3-17-SBG-120
3-17-SBG-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 04-GENNOTES.DWG
LAYOUT BY: LDH 8/22/16
DRAWN BY: LDH 8/22/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

SITE & SAFETY PLAN NOTES

CONSTRUCTION AND SAFETY NOTES

SAFETY IS REQUIRED

CONSTRUCTION OF THE PROJECT SHALL BE PERFORMED BY THE CONTRACTOR IN ACCORDANCE WITH THE GUIDELINES SPECIFIED IN FAA ADVISORY CIRCULAR 150/5320-2 (CURRENT ISSUE) AND THE AIRPORT RULES AND REGULATIONS. ANY CONTRACTOR ACTIVITIES REQUIRED FOR PROJECT SAFETY SHALL BE PROVIDED BY THE CONTRACTOR AND INCIDENTAL TO THE CONTRACT.

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP) BY THE ILLINOIS DIVISION OF AERONAUTICS, THE CONTRACTOR SHALL PREPARE AND SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2F, PARAGRAPH 204B, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE SPCD SHALL BE REVIEWED AND APPROVED BY THE AIRPORT MANAGER/DIRECTOR/AIRPORT DIRECTOR, WHO WILL THEN SUBMIT THE DOCUMENT TO THE ILLINOIS DIVISION OF AERONAUTICS FOR THEIR APPROVAL PRIOR TO NOTICE TO PROCEED.

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 PHASING 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 PHASING PLAN AT THE PRE-CONSTRUCTION CONFERENCE. ANY AND ALL CHANGES TO THE CONSTRUCTION PHASING 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 PHASING 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 PHASING CHANGE REQUEST NOR FOR ANY TIME NECESSARY IN RECEIVING THE REQUIRED APPROVALS. THE CONTRACTOR SHALL EXPEDITE WORK AT THOSE STAGES WHERE ACTIVE TAXIWAYS, HANGAR ACCESS, APRONS, ROADWAYS OR PARKING LOTS MUST BE CLOSED, TO MINIMIZE THE LENGTH OF TIME THAT AIRPORT OPERATIONS ARE RESTRICTED.

AT THE PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL PROVIDE A CONTRACTOR COORDINATION PLAN THAT COORDINATES HIS WORK WITH THE WORK OF HIS SUBCONTRACTORS AND THE WORK OF OTHER CONTRACTORS OF OTHER ON-GOING AIRPORT PROJECTS.

RUNWAY CLOSURE

NO RUNWAY CLOSURES WILL BE PERMITTED AS PART OF THIS PROJECT.

TEMPORARY BARRICADES

THE CONTRACTOR SHALL FURNISH BARRICADES FOR ANY AIRFIELD OR ROADWAY PAVEMENT TO BE CLOSED BY HIS WORK. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, PLACE AND MAINTAIN BARRICADES AS SHOWN IN THE PHASING PLANS, DETAILS B AND C ON THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT MANAGER. THE COST OF THESE ITEMS, AND THEIR MAINTENANCE, IS TO BE INCIDENTAL TO THE CONTRACT. ANY WORK THAT REQUIRES PORTIONS OF AN ACTIVE RUNWAY, TAXIWAY OR APRON TO BE CLOSED MUST BE COMPLETED EXPEDITIOUSLY TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.

VEHICULAR TRAFFIC CONTROL

THE CONTRACTOR SHALL ERECT AND MAINTAIN, AT NO COST TO THE CONTRACT, DIRECTIONAL AND INFORMATIONAL SIGNS FOR THE CONTRACTOR'S ACCESS ROUTES AT THE EXISTING CONSTRUCTION ENTRANCES AND FOR THE CONTRACTOR'S ROUTE WITHIN THE AIRPORT OPERATIONS AREA, AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. WHERE CONTRACTOR EQUIPMENT IS OPERATING WITHIN ACTIVE AIRCRAFT OPERATIONS AREAS, RADIO-EQUIPPED FLAGGERS SHALL BE FURNISHED BY THE CONTRACTOR. CONTINUOUS PAVEMENT SWEEPING SHALL BE FURNISHED TO REMOVE DEBRIS FROM ACTIVE AIRCRAFT MOVEMENT PATHS. THE COST OF TRAFFIC CONTROL/FLAGGERS AND PAVEMENT SWEEPING SHALL BE INCIDENTAL TO THE CONTRACT.

AIRFIELD OPERATIONAL SAFETY DURING CONSTRUCTION

THE CONTRACTOR SHALL NOT HAVE ACCESS TO ANY PART OF THE ACTIVE AIRFIELD (RUNWAYS, TAXIWAYS OR APRONS) FOR ANY EQUIPMENT OR PERSONNEL WITHOUT THE APPROVAL OF THE RESIDENT ENGINEER AND THE AIRPORT OWNER. ACTIVITIES WITHIN THE AIRPORT OPERATIONS AREA (AOA) ARE SUBJECT TO FEDERAL ACCESS CONTROL. BECAUSE OF THE HIGH REQUIREMENTS FOR AIRPORT SECURITY AND SAFETY, THE FOLLOWING REQUIREMENTS MUST BE ADHERED TO:

- ALL EMPLOYEES OF THE CONTRACTOR SHALL PARK THEIR PERSONAL VEHICLES IN THE DESIGNATED EQUIPMENT PARKING AND STORAGE AREA. EACH PERSON OR VEHICLE ENTERING THE CONTRACTOR AREA SHALL DO SO IN ACCORDANCE WITH THE POLICIES AND PROCEDURES OF THE AIRPORT OWNER. THE CONTRACTOR WILL TRANSPORT THE WORKERS FROM THE PARKING AREAS TO THE WORK AREA. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE OF THE PROPOSED EQUIPMENT STORAGE AND PARKING AREAS.
- SHOULD ANY CONTRACTOR PERSONNEL BE IDENTIFIED AS NONCOMPLIANT WITH ANY VEHICLE DRIVING SAFETY REQUIREMENTS IN THIS PROJECT SAFETY PLAN OR IN THE AIRPORT VEHICLE OPERATIONS REGULATIONS, SUCH DRIVERS SHALL BE PENALIZED BY RESCISSION OF THEIR ON-AIRPORT DRIVING PRIVILEGES, AND THEIR ACCESS TO THE CONSTRUCTION LIMIT AREA WHEN OPERATING VEHICLES SHALL BE REVOKED.
- THE CONTRACTOR WILL BE REQUIRED TO BE IN CONTACT WITH AIRPORT OPERATIONS. THIS WILL KEEP THE CONTRACTOR IN CONTACT WITH AIRPORT PERSONNEL AND ENABLE THE AIRPORT PERSONNEL TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

THE CONTRACTOR SHALL REMAIN WITHIN THE CONSTRUCTION LIMITS LINE SHOWN IN THE PLANS. WHEN OUTSIDE THESE LIMITS, ALL CONTRACTOR ACTIVITIES SHALL REMAIN MORE THAN 200 FEET FROM THE CENTERLINE AND 300 FEET FROM THE END OF ACTIVE RUNWAY 9-27, AND 250 FEET FROM THE CENTERLINE AND 1,000 FEET FROM THE END OF ACTIVE RUNWAY 2-20. FOR WORK NEAR TAXIWAYS AND APRONS, THE CONTRACTOR'S PERSONNEL AND EQUIPMENT MUST REMAIN AT LEAST 44.5 FEET FROM CENTERLINE OF ACTIVE CATEGORY I TAXIWAYS, 65.5 FEET FROM ACTIVE CATEGORY II TAXIWAYS AND 93 FEET FROM ACTIVE CATEGORY III TAXIWAYS, AND TEN (10) FEET FROM ACTIVE APRONS. WHEN CONSTRUCTION OPERATIONS MUST BE CONDUCTED WITHIN THESE SEPARATIONS, THE PAVEMENT MUST BE CLOSED TO AIRCRAFT ACTIVITY BY THE CONTRACTOR BY PROVIDING TEMPORARY BARRICADES AS SHOWN IN THE PLANS, AND IN THE CASE RUNWAY PAVEMENTS, CLOSED RUNWAY MARKERS.

NO CLOSURE OF ANY RUNWAY WILL BE PERMITTED FOR THIS PROJECT.

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 IDOT SPECIFICATIONS (HIGHWAY STANDARDS).

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) WHEN THE RUNWAY OR TAXIWAY IS OPEN TO AIR TRAFFIC (INCLUDING OVERNIGHT). THE RSA IS DEFINED AS 75 FEET FROM THE CENTERLINE AND 300 FEET FROM THE END OF RUNWAY 9-27 AND 250 FEET FROM THE CENTERLINE AND 1,000 FEET FROM THE END OF RUNWAY 2-20. THE TSA IS MEASURED AT 24.5 FEET FROM THE CATEGORY I TAXIWAY CENTERLINE, AND 39.5 FEET FROM THE CATEGORY II TAXIWAY CENTERLINE, AND 59 FEET FROM THE CATEGORY III TAXIWAY CENTERLINE. NO VERTICAL DROP OF GREATER THAN 3-INCHES IN HEIGHT FROM PAVEMENT EDGE TO EARTH GRADE OR EARTH GRADE TO EARTH GRADE WITHIN THE RSA OR TSA WILL BE PERMITTED WHEN THE RUNWAY OR TAXIWAY IS OPEN TO AIR TRAFFIC. THE CONTRACTOR WILL HAVE STEEL PLATES ON-SITE TO ALLOW FOR THE RAPID COVERING OF TRENCHES OR EARTH DROPS IN THE EVENT OF UNEXPECTED WORK STOPPAGES FOR WEATHER OR AIRPORT EMERGENCIES.

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 PHASING PLAN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION ENTRANCES IN GOOD CONDITION. THE COST OF MAINTAINING THE CONSTRUCTION ENTRANCE AND CONTRACTOR AREAS IS TO BE INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL PROTECT ALL EXISTING PAVEMENT EDGES FROM DAMAGE FROM CONSTRUCTION EQUIPMENT AND HAUL VEHICLES.

AT NO TIME SHALL THE CONTRACTOR CONDUCT ANY ACTIVITIES OR OPERATE OR PARK EQUIPMENT SO AS TO OBSTRUCT ACTIVE PART 77 AIRPORT IMAGINARY SURFACES OR THE RUNWAY PROTECTION ZONES (RPZ) AS DELINEATED IN THE PLANS. CONTRACTOR'S EQUIPMENT SHALL EXTEND NO HIGHER THAN 25 FEET. CRANES SHALL NOT BE USED DURING INSTRUMENT WEATHER CONDITIONS OR AT NIGHT. CRANES SHALL BE LOWERED WHEN NOT IN USE.

BEFORE REOPENING TEMPORARILY CLOSED PAVEMENTS, 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 WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPROVED PROJECT SAFETY PLAN, ISSUED BY THE ILLINOIS DIVISION OF AERONAUTICS.

FAILURE TO USE THESE PRESCRIBED PROCEDURES OR ADHERE TO THE SAFETY REQUIREMENTS WILL RESULT IN THE SUSPENSION OF WORK.

NOTIFICATIONS BY CONTRACTOR

THE CONTRACTOR MUST NOTIFY THE RESIDENT ENGINEER AND THE AIRPORT OWNER 3 DAYS IN ADVANCE OF ANY REQUIRED PARTIAL OR COMPLETE CLOSING OF ANY RUNWAY, TAXIWAY OR APRON. THE DATE, TIME AND SCHEDULED 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 3 DAYS 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

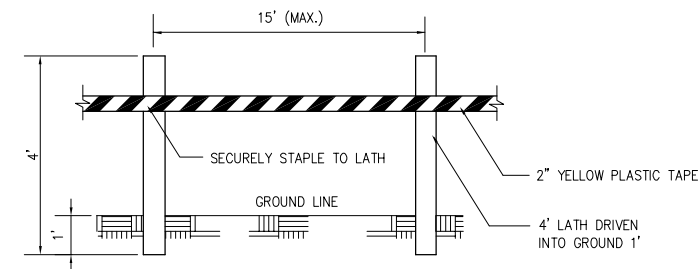
CONTRACTOR'S ACCESS TO THE PROJECT WHEN ON AIRPORT PROPERTY IS SHOWN IN THE PLANS. CONTRACTOR'S ACCESS TO THE AIRPORT ITSELF IS TO BE PROVIDED BY PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR IS TO SECURE ALL NECESSARY PERMITS FOR THE USE OF ANY PUBLIC RIGHTS-OF-WAY AND IS TO MAINTAIN TRAFFIC ON THESE PUBLIC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

THE CONTRACTOR IS TO PROVIDE TEMPORARY CONSTRUCTION ROADS WITHIN THE CONSTRUCTION LIMIT LINES AS MAY BE REQUIRED BY HIS ACTIVITIES. HEAVY VEHICLES SHALL NOT CROSS EXISTING PAVEMENT SURFACES EXCEPT AS APPROVED BY THE AIRPORT OWNER AND THE RESIDENT ENGINEER. ANY DAMAGE TO PAVEMENTS THAT MAY OCCUR BY THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE AIRPORT OWNER AND THE RESIDENT ENGINEER. FOR HAUL ROUTES MADE BY CONTRACTOR THROUGH GRASSSED AREAS, CONTRACTOR SHALL GRADE, LEVEL, TOPSOIL, SEED AND MULCH AT THE END OF THE PROJECT, COST INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR IS TO PROVIDE AN EQUIPMENT STORAGE AND PARKING AREA AT THE LOCATIONS SHOWN IN THE PLANS. 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 OWNER AND THE RESIDENT ENGINEER. AT THE AIRPORT OWNER'S DISCRETION, THE TEMPORARY FACILITIES MAY REMAIN, BUT THEY MUST BE LEFT IN CONDITIONS SUITABLE TO THE AIRPORT OWNER. THE COST OF PROVIDING, MAINTAINING AND RESTORING THE TEMPORARY FACILITIES IS INCIDENTAL TO THE CONTRACT.

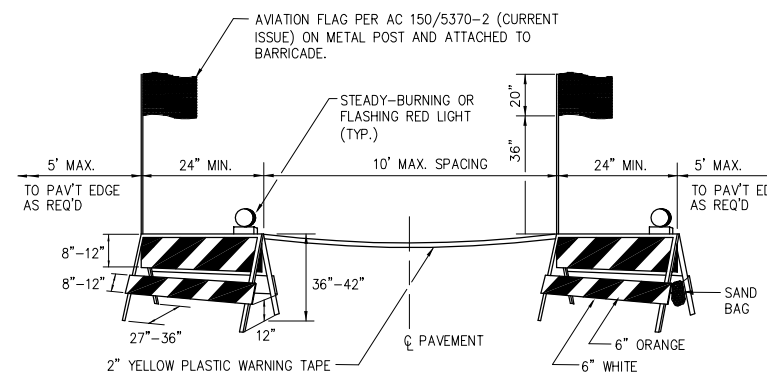
UTILITY OUTAGES AND SHUTDOWNS

THE CONTRACTOR SHALL PROVIDE 3 DAYS 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.



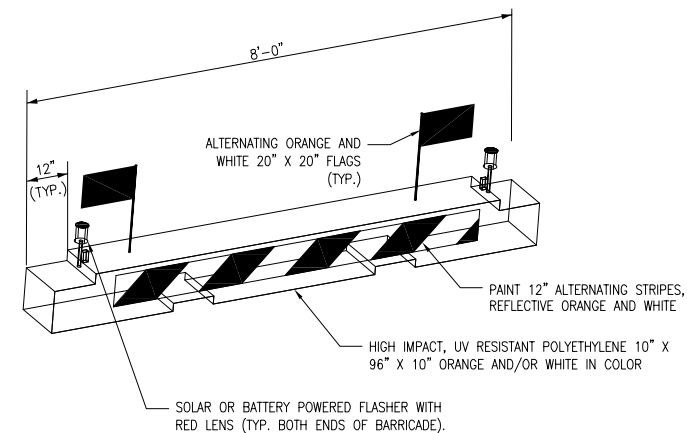
MATERIALS ARE TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION. COST OF MATERIALS, INSTALLATION, RELOCATION AND MAINTENANCE OF LATHING AND WARNING TAPE IS TO BE INCIDENTAL TO THE CONTRACT.

**DETAIL A
LATHING AND WARNING TAPE**



BARRICADES ARE TO BE OF IDOT TYPE II. 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
STANDARD PAVEMENT BARRICADES**



NOTES:

- INTENDED USE FOR THE FOLLOWING:
 - MARKING/LIGHTING OF TEMPORARY HAZARDS WITHIN THE AOA.
 - LONGTERM CLOSURE OF AIRCRAFT ROUTES.
- INSTALL AT 12' CENTER TO CENTER SPACING ALONG FULL WIDTH OF PAVEMENT.
- USE IN AREAS SUBJECT TO JET BLAST.
- BARRICADE SHALL BE EQUIPPED WITH ALTERNATING ORANGE AND WHITE 20" X 20" FLAGS.
- BARRICADES SHALL BE WATER-FILLED AND MODULAR TO ASSEMBLE/DISASSEMBLE AND NEST FOR COMPACT STORAGE.
- CONTRACTOR MAY SUBMIT ALTERNATIVE BARRICADE FOR APPROVAL BY ENGINEER. ALTERNATIVE MUST MEET MINIMUM REQUIREMENTS OF FAA AC 150/5370-2 (LATEST EDITION).
- FURNISHING, INSTALLING, MAINTAINING AND REMOVING BARRICADES SHALL BE INCIDENTAL TO THE CONTRACT.
- CONTRACTOR SHALL MAINTAIN THE BARRICADES. ANY DAMAGED BARRICADES SHALL BE REPLACED AND NEW BARRICADES PROVIDED.

**DETAIL C
LOW PROFILE AIRCRAFT BARRICADE DETAIL**

DETAILS SHOWN ARE NOT TO SCALE



**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 05-SAFETYNOTES.DWG
LAYOUT BY: LDH 8/30/16
DRAWN BY: LDH 8/30/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**CONSTRUCTION
SAFETY NOTES
& DETAILS**

JAN 23, 2017 11:06 AM HAUSM00682 R16:JOBS\16A001\16A0014D\CAD\AIRPORT\SHEET\05-SAFETYNOTES.DWG

PHASE 1

NOTES

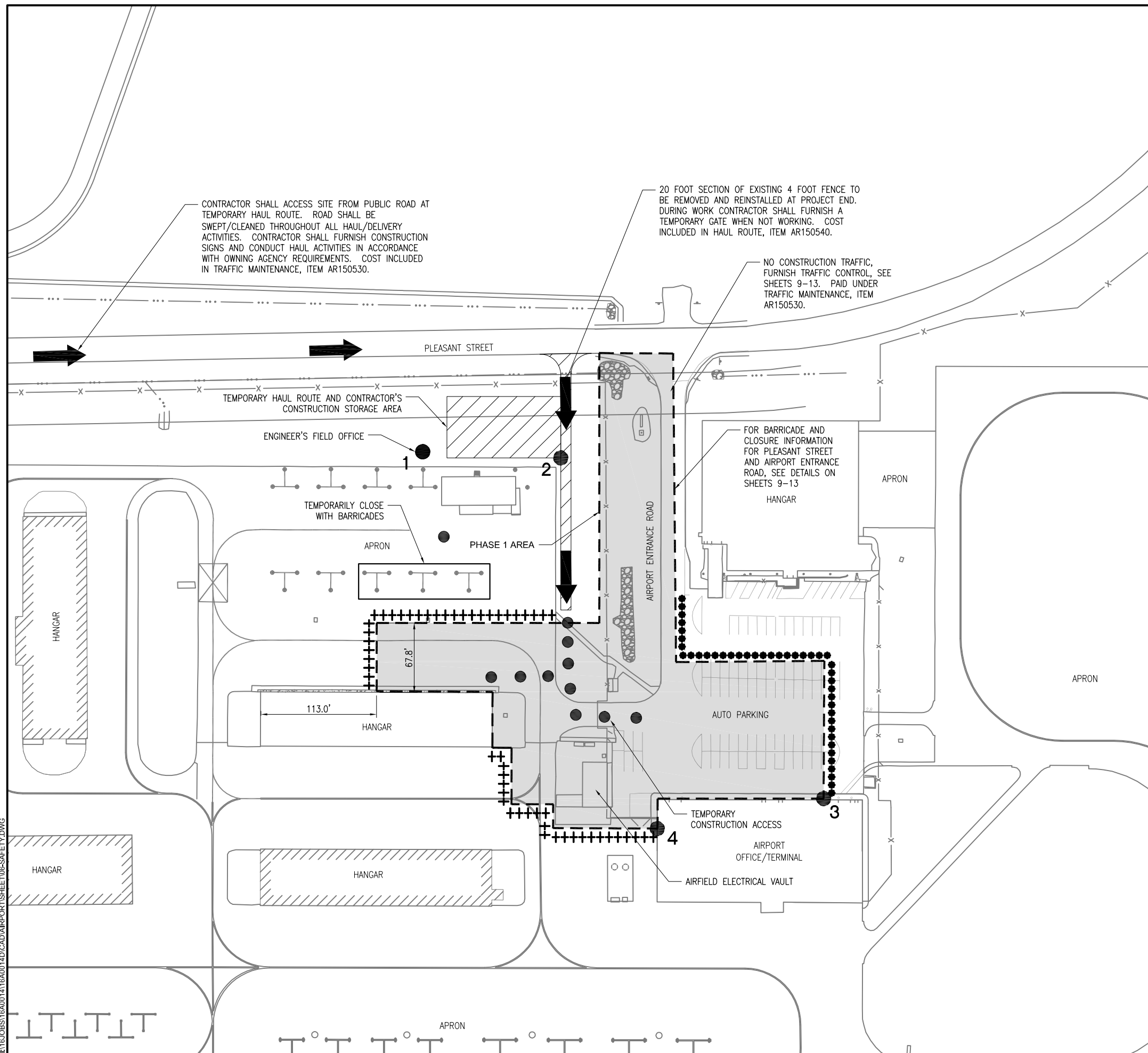
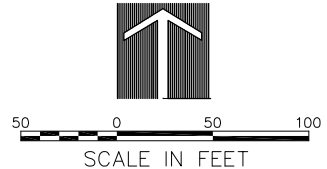
1. ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
2. ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 25 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER (SEE SPECIAL PROVISIONS).
3. CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 2-20 OR 9-27 AT ANY TIME DURING PHASE 1.
4. TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.
5. SEE CONSTRUCTION SITE PLAN ON SHEET 3, GENERAL NOTES ON SHEET 4 AND SAFETY NOTES ON SHEET 5.

THE FOLLOWING ITEMS ARE TO BE COMPLETED IN PHASE 1:

1. INSTALL EROSION CONTROL MEASURES.
2. PAVEMENT REMOVAL WITHIN PHASE 1 LIMITS.
3. INSTALL UNDERDRAIN WITHIN PHASE 1 LIMITS.
4. INSTALL AGGREGATES AND HMA BASE COURSE WITHIN PHASE 1 LIMITS.
5. REMOVE AND INSTALL NEW SIDEWALK WITHIN PHASE 1 LIMITS.
6. INSTALL CURB AND GUTTER, PAVED DITCH AND RIPRAP WITHIN PHASE 1 LIMITS.
7. CRACK REPAIR WITHIN PHASE 1 LIMITS.
8. MARKING REMOVAL WITHIN PHASE 1 LIMITS.
9. GRADE AND LANDSCAPE WITHIN PHASE 1 LIMITS.

LEGEND

- ***** STANDARD BARICADES
- +++++ LOW-PROFILE BARICADES



CONTRACTOR SHALL ACCESS SITE FROM PUBLIC ROAD AT TEMPORARY HAUL ROUTE. ROAD SHALL BE SWEEP/CLEANED THROUGHOUT ALL HAUL/DELIVERY ACTIVITIES. CONTRACTOR SHALL FURNISH CONSTRUCTION SIGNS AND CONDUCT HAUL ACTIVITIES IN ACCORDANCE WITH OWNING AGENCY REQUIREMENTS. COST INCLUDED IN TRAFFIC MAINTENANCE, ITEM AR150530.

20 FOOT SECTION OF EXISTING 4 FOOT FENCE TO BE REMOVED AND REINSTALLED AT PROJECT END. DURING WORK CONTRACTOR SHALL FURNISH A TEMPORARY GATE WHEN NOT WORKING. COST INCLUDED IN HAUL ROUTE, ITEM AR150540.

NO CONSTRUCTION TRAFFIC, FURNISH TRAFFIC CONTROL, SEE SHEETS 9-13. PAID UNDER TRAFFIC MAINTENANCE, ITEM AR150530.

FOR BARRICADE AND CLOSURE INFORMATION FOR PLEASANT STREET AND AIRPORT ENTRANCE ROAD, SEE DETAILS ON SHEETS 9-13

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REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 06- SAFETY.DWG
LAYOUT BY: LDH 8/30/16
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REVIEWED BY: SJM 11/30/16

SHEET TITLE

PHASING PLAN PHASE 1

PHASE 2

NOTES

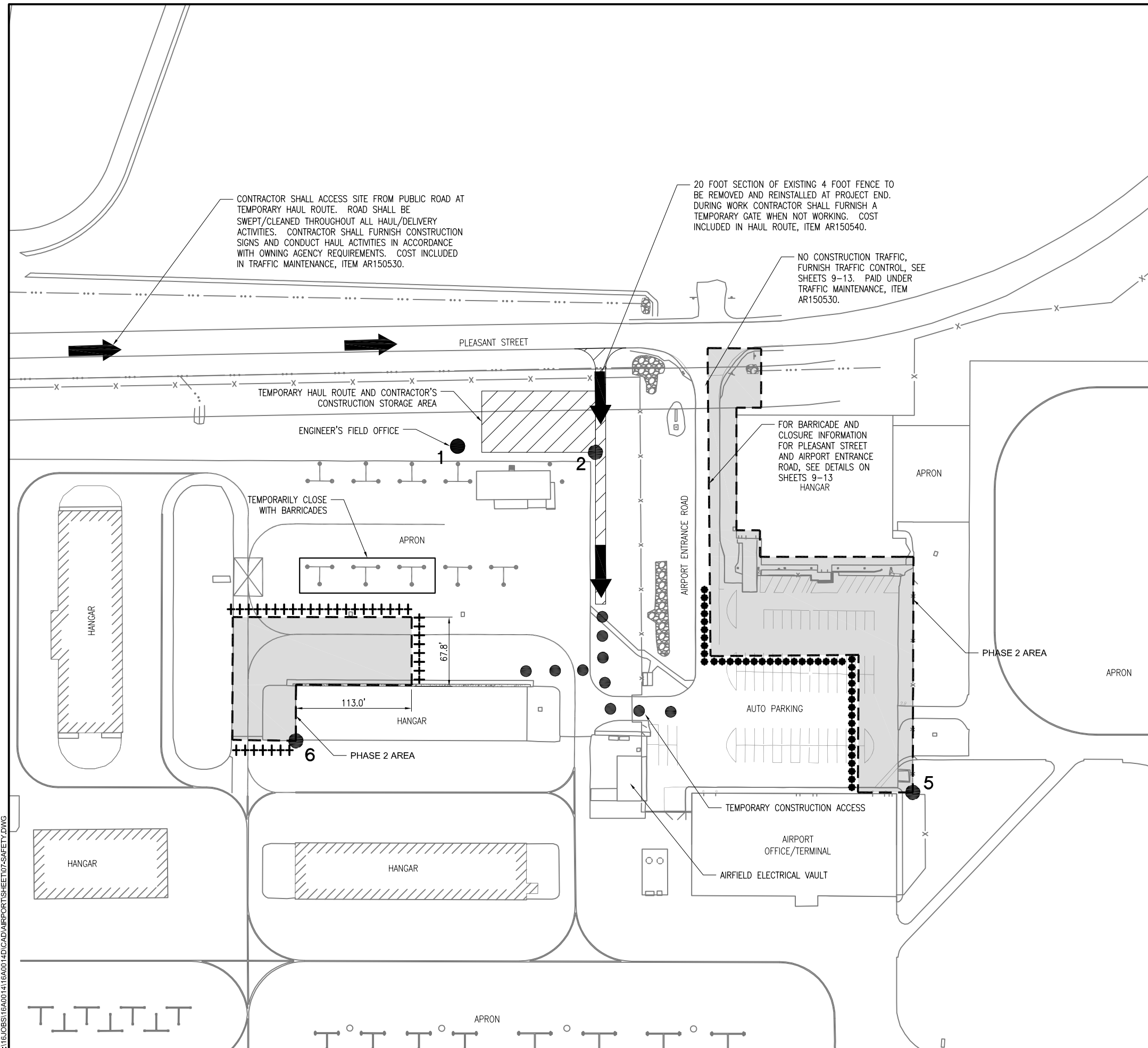
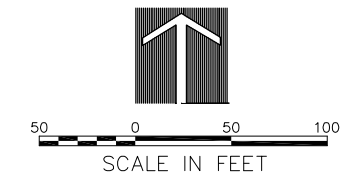
1. ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
2. ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 25 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER (SEE SPECIAL PROVISIONS).
3. CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 2-20 OR 9-27 AT ANY TIME DURING PHASE 2.
4. TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.
5. SEE CONSTRUCTION SITE PLAN ON SHEET 3, GENERAL NOTES ON SHEET 4 AND SAFETY NOTES ON SHEET 5.

THE FOLLOWING ITEMS ARE TO BE COMPLETED IN PHASE 2:

1. INSTALL EROSION CONTROL MEASURES.
2. PAVEMENT REMOVAL WITHIN PHASE 2 LIMITS.
3. INSTALL UNDERDRAIN WITHIN PHASE 2 LIMITS.
4. INSTALL AGGREGATES AND HMA BASE COURSE WITHIN PHASE 2 LIMITS.
5. CRACK REPAIR WITHIN PHASE 2 LIMITS.
6. GRADE AND LANDSCAPE WITHIN PHASE 2 LIMITS.

LEGEND

- ***** STANDARD BARCADES
- +++++ LOW-PROFILE BARCADES



REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBG-111
3-17-SBG-120
3-17-SBG-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
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SHEET TITLE

PHASING PLAN PHASE 2

PHASE 3

NOTES

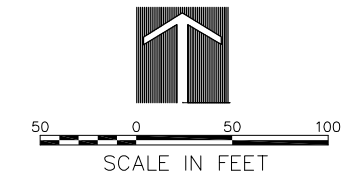
- ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
- ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 25 FEET UNLESS PRIOR APPROVAL GIVEN BY THE ENGINEER (SEE SPECIAL PROVISIONS).
- CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 2-20 OR 9-27 AT ANY TIME DURING PHASE 2.
- TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.
- SEE CONSTRUCTION SITE PLAN ON SHEET 3, GENERAL NOTES ON SHEET 4 AND SAFETY NOTES ON SHEET 5.

THE FOLLOWING ITEMS ARE TO BE COMPLETED IN PHASE 3:

- INSTALL HMA SURFACE COURSE WITHIN PHASE 3 LIMITS.
- INSTALL ELECTRIC GATE SENSORS WITHIN PHASE 3 LIMITS.
- PROVISION OF MARKING WITHIN PHASE 3 LIMITS.
- GRADE AND LANDSCAPE WITHIN PHASE 3 LIMITS.

LEGEND

- ***** STANDARD BARCADES
- +++++ LOW-PROFILE BARCADES



REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

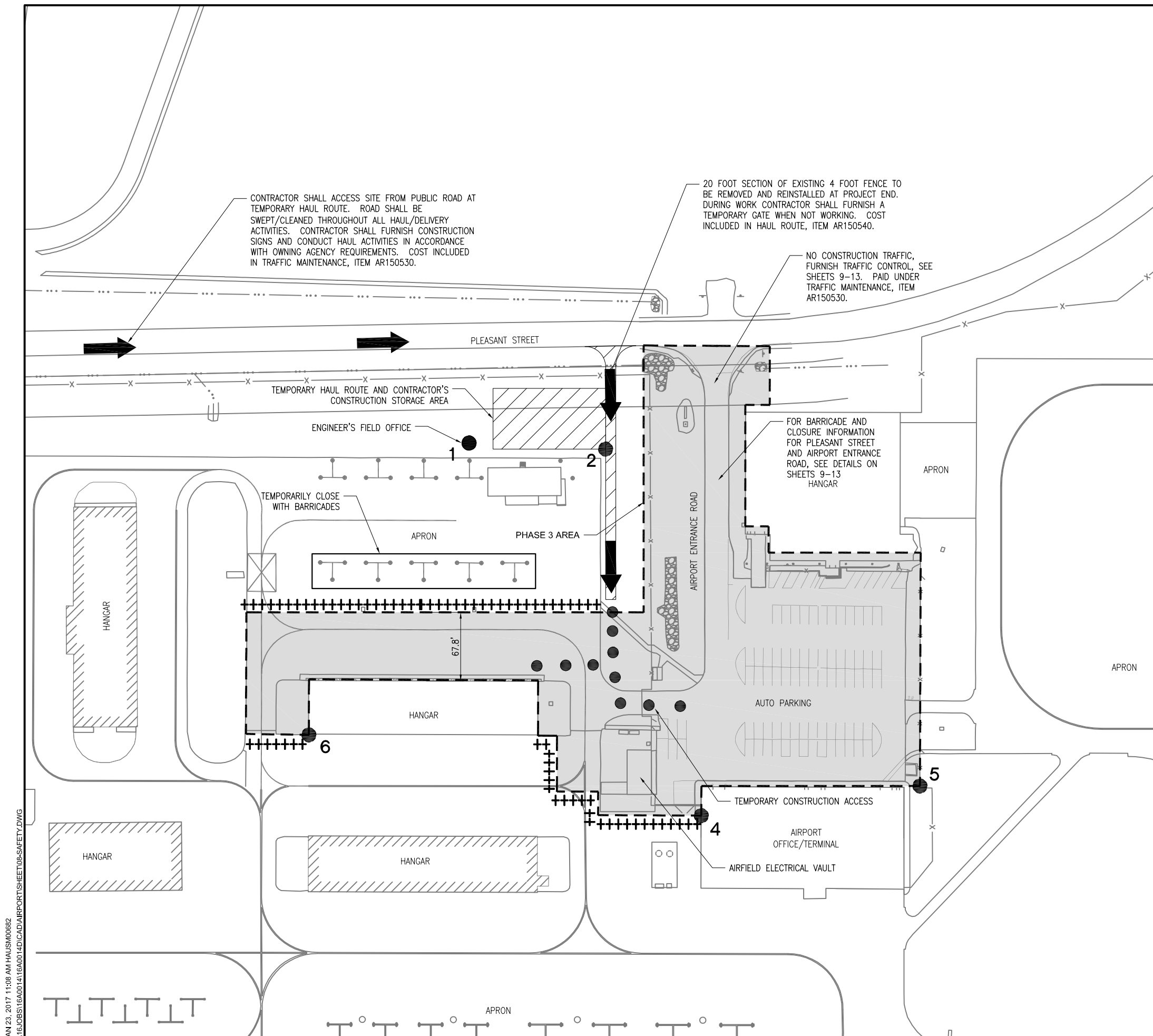
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 08-SAFETY.DWG
LAYOUT BY: LDH 8/30/16
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REVIEWED BY: SJM 11/30/16

SHEET TITLE

PHASING PLAN PHASE 3



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**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

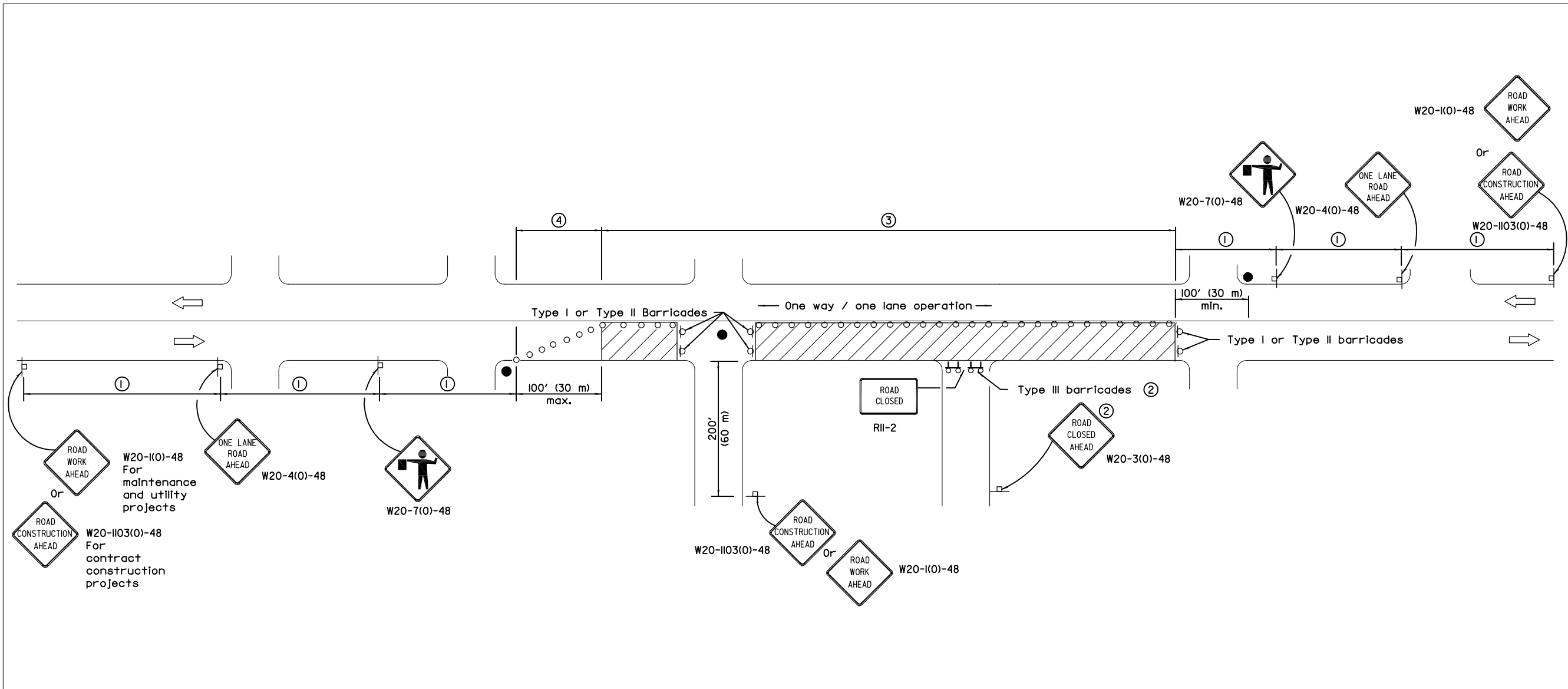
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 09-TRAFFIC.DWG
LAYOUT BY: LDH 12/2/16
DRAWN BY: LDH 12/2/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**TRAFFIC CONTROL
STANDARDS**



Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

DATE	REVISIONS
I-I-II	Revised flagger sign.
I-I-09	Switched units to English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE,
2L, 2W, UNDIVIDED

STANDARD 701501-06

Illinois Department of Transportation

APPROVED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

JAN 23, 2017 11:08 AM HAUSM00682 R:\16\JOBS\16A0014\16A0014D\CAD\AIRPORT\16A0014D-TRAFFIC.DWG



**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

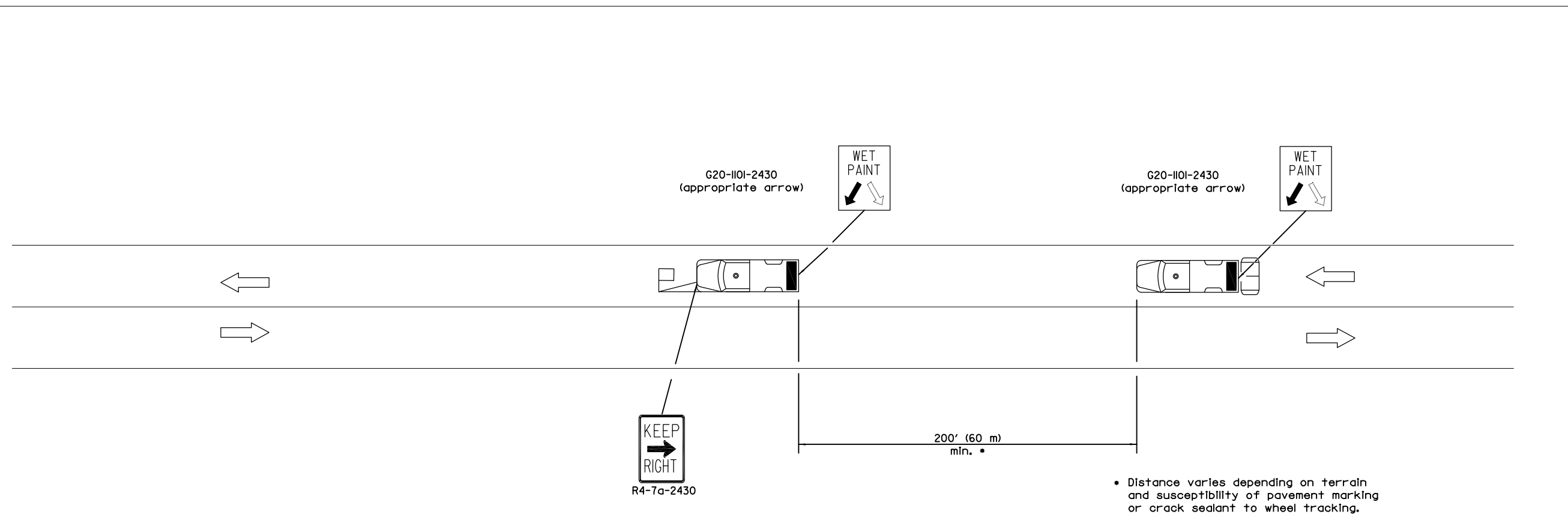
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 11-TRAFFIC.DWG
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REVIEWED BY: SJM 11/30/16

SHEET TITLE

**TRAFFIC CONTROL
STANDARDS**



• Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Pavement marking
- Weed spraying
- Roadometer measurements
- Debris cleanup
- Crack pouring

SYMBOLS

- Arrow board (Hazard Mode only)
- Truck with headlights, emergency flashers and flashing amber light. (visible from all directions)
- 18x18 (450x450) min. orange flag (use when guide wheel is used)
- Truck mounted attenuator

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426.

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

DATE	REVISIONS
1-1-09	Switched units to English (metric). Omitted
	Pass With Care sign.
1-1-00	Elim. speed restrictions in Standard title.

**LANE CLOSURE 2L, 2W
MOVING OPERATIONS-
DAY ONLY**

STANDARD 701311-03

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF OPERATIONS

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

JAN 23, 2017 11:09 AM HAUSM00882 R16:JOBS\16A0014\16A0014D\CAD\AIRPORT\11-TRAFFIC.DWG



REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

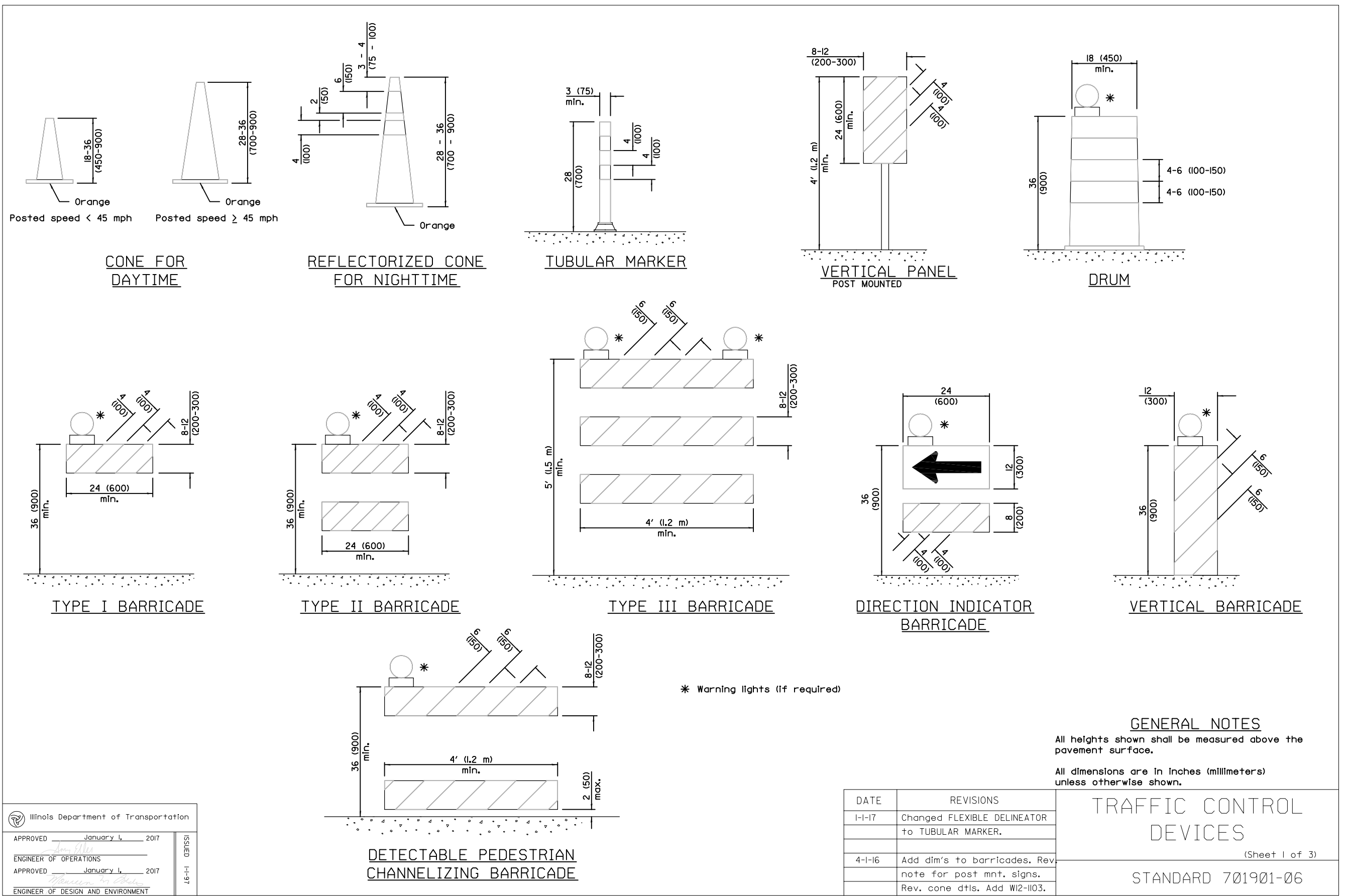
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 12-TRAFFIC.DWG
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DRAWN BY: LDH 12/2/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

TRAFFIC CONTROL
STANDARDS



GENERAL NOTES
All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-17	Changed FLEXIBLE DELINEATOR to TUBULAR MARKER.
4-1-16	Add dim's to barricades. Rev note for post mnt. signs.
	Rev. cone d'ts. Add W12-1103.

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-06

Illinois Department of Transportation

APPROVED January 1, 2017
ENGINEER OF OPERATIONS

APPROVED January 1, 2017
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-17

JAN 23, 2017 11:10 AM HAUSM00682 R:\16\JOBS\16A001\4\16A001\4\CAD\AIRPORT\12-TRAFFIC.DWG

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

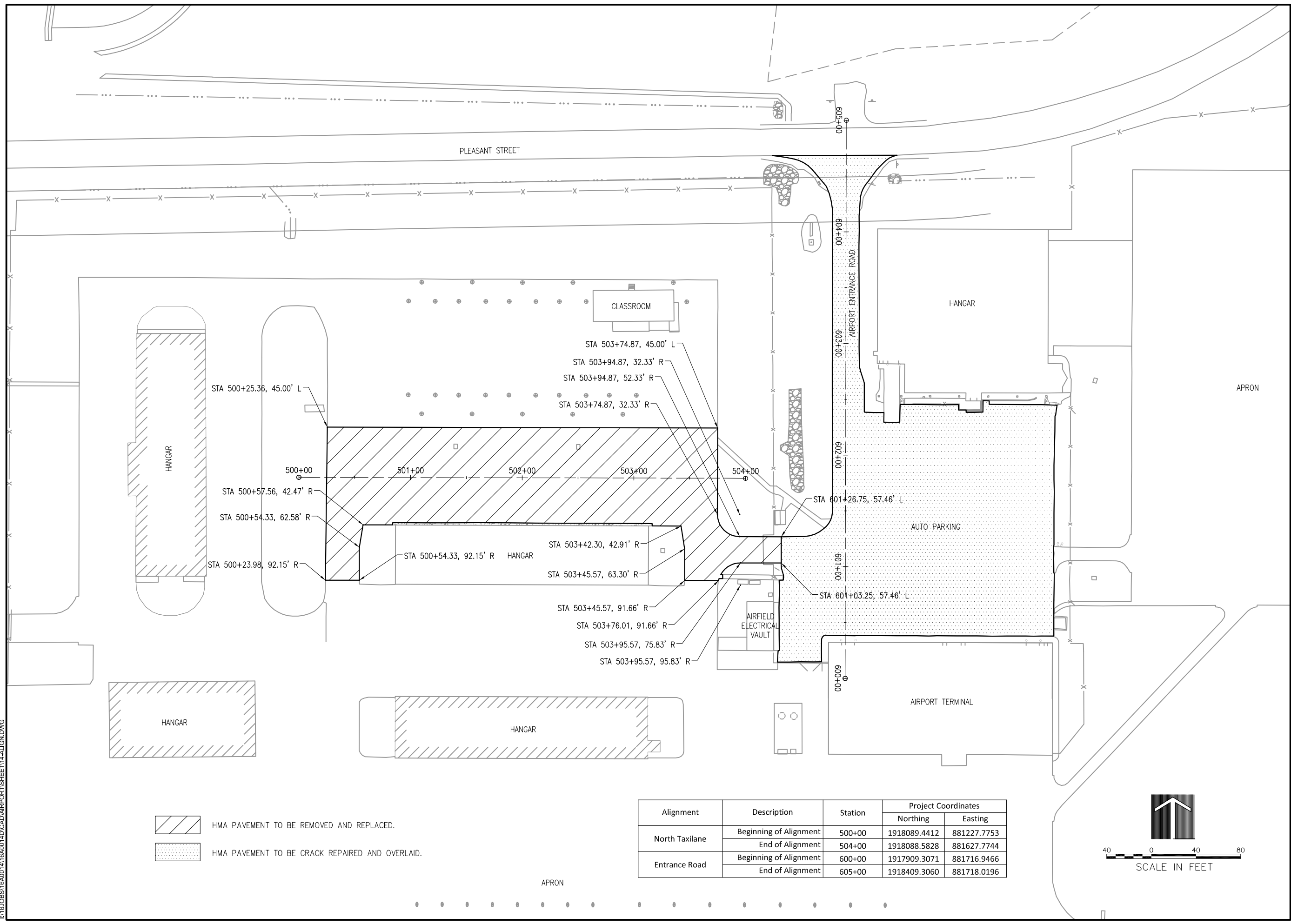
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 14-ALIGN.DWG
LAYOUT BY: LDH 8/24/16
DRAWN BY: LDH 8/24/16
REVIEWED BY: SJM 11/30/16

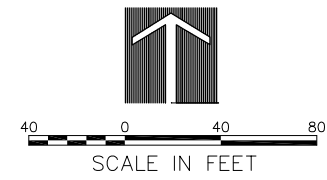
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**PAVEMENT
LAYOUT AND
ALIGNMENT DATA**

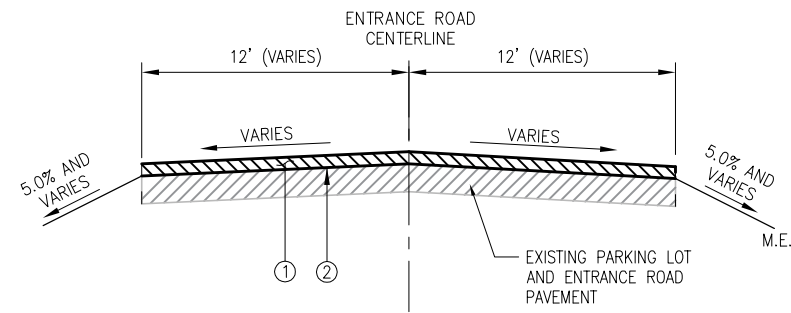


- HMA PAVEMENT TO BE REMOVED AND REPLACED.
- HMA PAVEMENT TO BE CRACK REPAIRED AND OVERLAID.

Alignment	Description	Station	Project Coordinates	
			Northing	Easting
North Taxilane	Beginning of Alignment	500+00	1918089.4412	881227.7753
	End of Alignment	504+00	1918088.5828	881627.7744
Entrance Road	Beginning of Alignment	600+00	1917909.3071	881716.9466
	End of Alignment	605+00	1918409.3060	881718.0196



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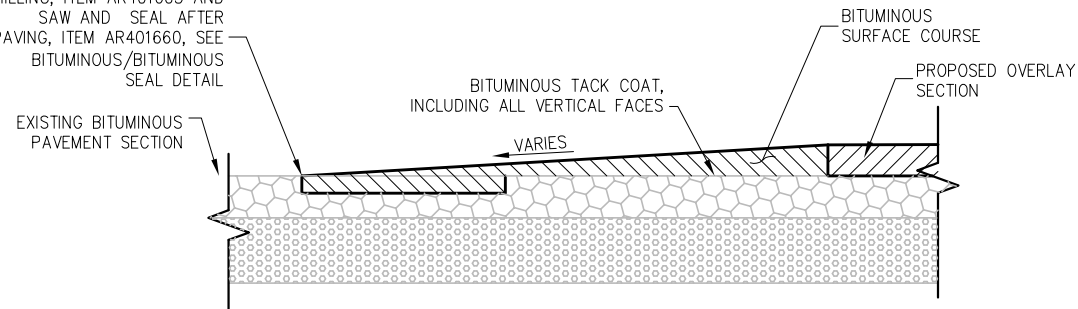


TYPICAL SECTION - ENTRANCE ROAD AND PARKING LOT

(SECTION SHOWN LOOKING NORTH)

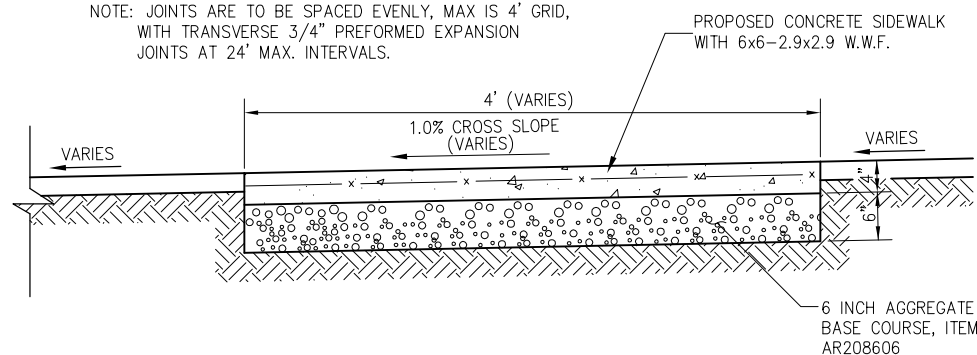
- ① 2 INCH NOMINAL OVERLAY
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510

2.0" DEEP SAWCUT PRIOR TO MILLING, ITEM AR401665 AND SAW AND SEAL AFTER PAVING, ITEM AR401660, SEE BITUMINOUS/BITUMINOUS SEAL DETAIL



BITUMINOUS TAPER DETAIL

NOTE: JOINTS ARE TO BE SPACED EVENLY, MAX IS 4' GRID, WITH TRANSVERSE 3/4" PREFORMED EXPANSION JOINTS AT 24' MAX. INTERVALS.



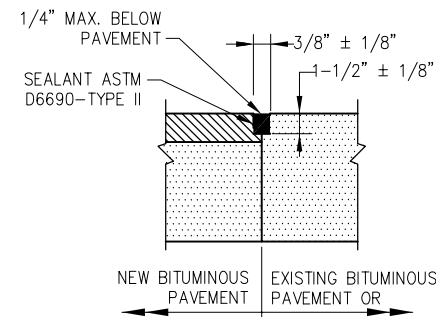
NOTES

3/4" PREFORMED JOINT FILLER TO BE USED IN ALL LOCATIONS WHERE SIDEWALK IS ADJACENT TO EXISTING PAVEMENT.

SIDEWALK CROSS SECTION DETAIL

* BITUMINOUS TACK COAT SHALL BE APPLIED BETWEEN EACH LIFT OF BITUMINOUS BASE COURSE AND BETWEEN THE BITUMINOUS BASE COURSE TOP LIFT AND THE BITUMINOUS SURFACE COURSE - NO EXCEPTIONS.

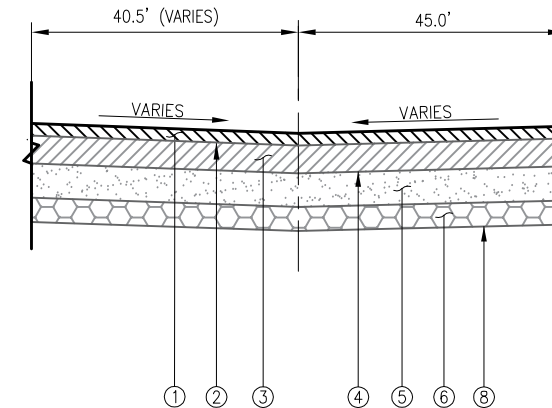
BITUMINOUS PRIME AND BITUMINOUS TACK COAT SHALL BE REQUIRED AS SPECIFIED. SEE SPECIAL PROVISIONS AND STANDARD PROVISIONS.



NOTE:

ALL BITUMINOUS/BITUMINOUS JOINT SEALING TO BE PAID UNDER SAW AND SEAL BITUMINOUS JOINTS, ITEM AR401660.

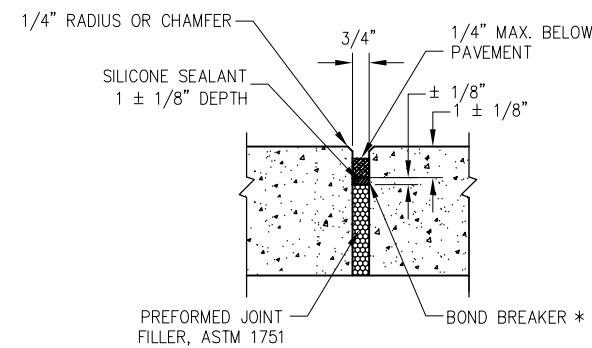
BITUMINOUS/BITUMINOUS SEAL



TYPICAL SECTION - HANGAR AREA

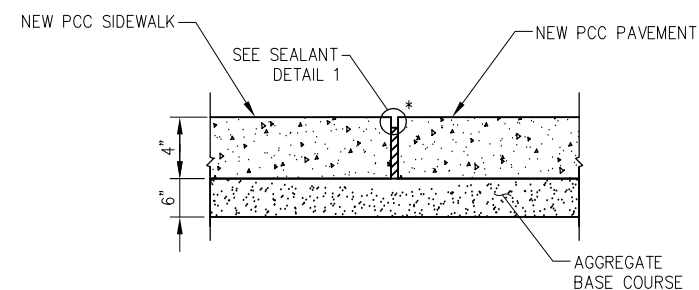
(SECTION SHOWN LOOKING WEST)

- ① PROPOSED 2.0 INCH BITUMINOUS SURFACE COURSE, ITEM AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED 4.0 INCH BITUMINOUS BASE COURSE, ITEM AR403613
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510 *
- ⑤ PROPOSED 6 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209606
- ⑥ PROPOSED 6 INCH GRANULAR DRAINAGE SUBBASE, ITEM AR154606
- ⑦ PROPOSED 4 INCH TOPSOIL, ITEM AR905520
- ⑧ PROPOSED STABILIZATION FABRIC, ITEM AR152540

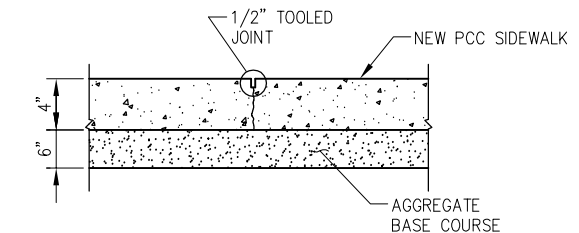


* POLYETHYLENE OR POLYESTER TAPE (3 MIL. MIN.) OR MARKING TAPE, RUBBER TAPE, 1/8" WIDER THAN WIDTH OF JOINT.

DETAIL 1 - SEALANT



EXPANSION JOINT



TOOLED CONTRACTION JOINT

REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

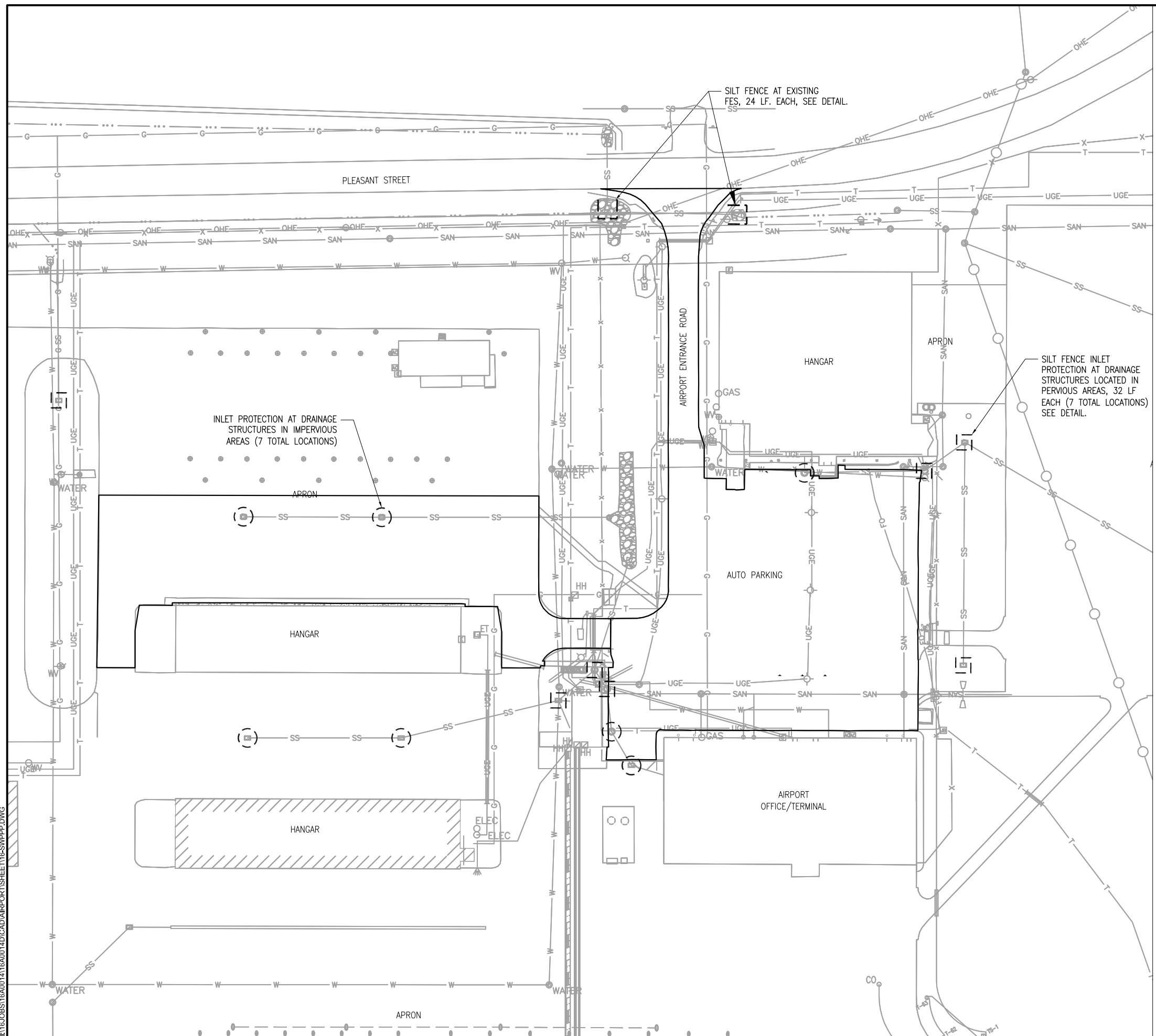
NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 15-TYPSECTION.DWG
LAYOUT BY: LDH 8/30/16
DRAWN BY: LDH 8/30/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

TYPICAL SECTIONS AND PAVEMENT DETAILS

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CONSTRUCTION SEQUENCING:

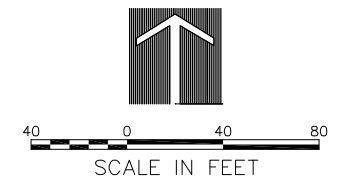
1. INSTALLATION OF SOIL EROSION AND SEDIMENT CONTROL SE/SC MEASURES INCLUDING SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
2. SILT FENCE INSTALLATION
3. SITE WORK INCLUDING EXCAVATION, PAVING AND DRAINAGE ITEMS
4. GRADE AS SHOWN IN PLANS
5. PERMANENT SEED AND MULCH AREAS AFTER GRADING AS COMPLETED
6. PERMANENTLY STABILIZE AREAS
7. REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION

NOTES:
 SOIL EROSION AND SEDIMENT CONTROL MAINTENANCE MUST OCCUR, AT A MINIMUM, EVERY WEEK OR AFTER EVERY 1/2 INCH OR GREATER RAINFALL EVENT.

CONTRACTOR IS RESPONSIBLE FOR ALL SITE MAINTENANCE UNTIL THE SITE IS TURNED OVER. THIS INCLUDES MOWING WHERE VEGETATION HAS BEGUN TO GROW BEFORE SUBSTANTIAL COMPLETION.

LEGEND:

- PROPOSED INLET PROTECTION AT EXISTING STRUCTURES LOCATED IN PERVIOUS AREAS
- PROPOSED INLET PROTECTION AT EXISTING STRUCTURES LOCATED IN IMPERVIOUS AREAS
- PROPOSED INLET PROTECTION AT FES



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DeKalb Taylor Municipal Airport
 3232 Pleasant Street
 DeKalb, IL 60115

REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431
 SBG Nos.: 3-17-SBGP-111
 3-17-SBGP-120
 3-17-SBGP-133

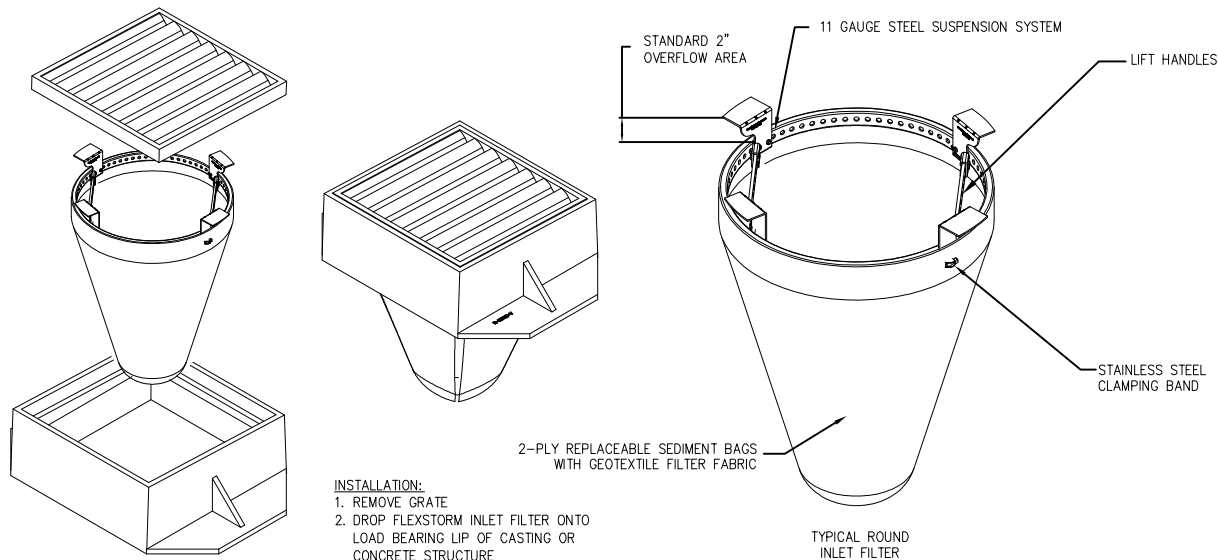
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
 PROJECT NO: 16A0014D
 CAD FILE: 16-SWPPP.DWG
 LAYOUT BY: LDH 9/8/2016
 DRAWN BY: LDH 9/8/2016
 REVIEWED BY: ~~SM~~ ~~KB~~ ~~XXX~~

SHEET TITLE

STORM WATER POLLUTION PREVENTION PLAN

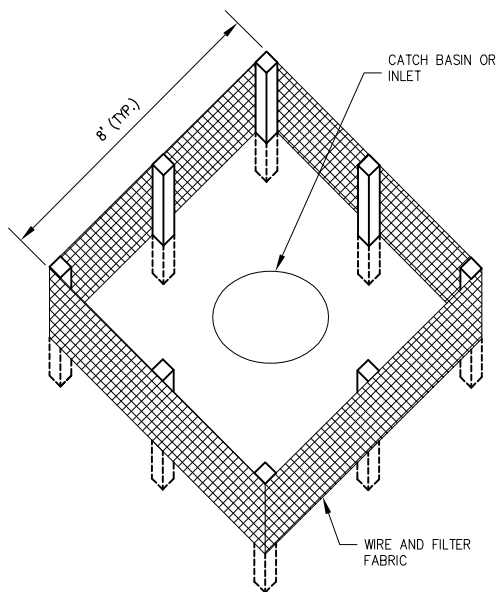


- INSTALLATION:**
1. REMOVE GRATE
 2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
 3. REPLACE GRATE

NOTES:

1. FILTER FABRIC INLET PROTECTION SHALL CONSIST OF INLET BASKET AND FABRIC INSERT, FLEXSTORM CATCH-IT BY ADVANCED DRAINAGE SYSTEMS, FLOGARD TEMPORARY INLET FILTER BY OLDCASTLE, OR APPROVED EQUAL.
2. DEVICE SHALL BE EQUIPPED WITH AN OVERFLOW FEATURE SO DRAINAGE TO INLET IS NOT COMPLETELY BLOCKED IF DEVICE IS FULL OF SILT.
3. INLET BASKET IS AVAILABLE TO FIT ROUND, RECTANGULAR, BEEHIVE OR CURB INLET CASTINGS.
4. FILTER FABRIC SHALL HAVE AN APPARENT OPENING SIZE (AOS) OF AT LEAST 70 SIEVE FOR NONWOVEN.
5. FILTER FABRIC SHALL HAVE A GRAB TENSILE STRENGTH OF A LEAST 100 LBS FOR NON WOVEN.
6. POLYESTER OUTER REINFORCEMENT BAG SHALL HAVE FABRIC WITH A WEIGHT OF 4.55 OZ/SQYD +/- 15 PERCENT.
7. FRAME CONSTRUCTION SHALL HAVE A TENSILE STRENGTH OF AT LEAST 58,000 PSI AND A YIELD STRENGTH OF AT LEAST 36,000 PSI.
8. MAINTENANCE SHALL BE PERFORMED AS NEEDED. REMOVE SILT FROM FABRIC INSERT WHEN 50% OF CAPACITY IS REACHED. REMOVE SILT FROM INTERIOR AND EXTERIOR OF INLET DAM WHEN 50% OF DAM HEIGHT IS REACHED.
9. PAYMENT FOR INLET PROTECTION MAINTENANCE SHALL BE INCIDENTAL TO INLET PROTECTION.

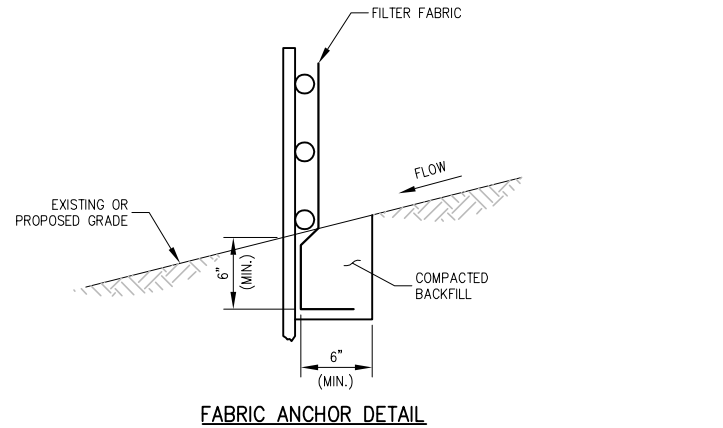
INLET PROTECTION



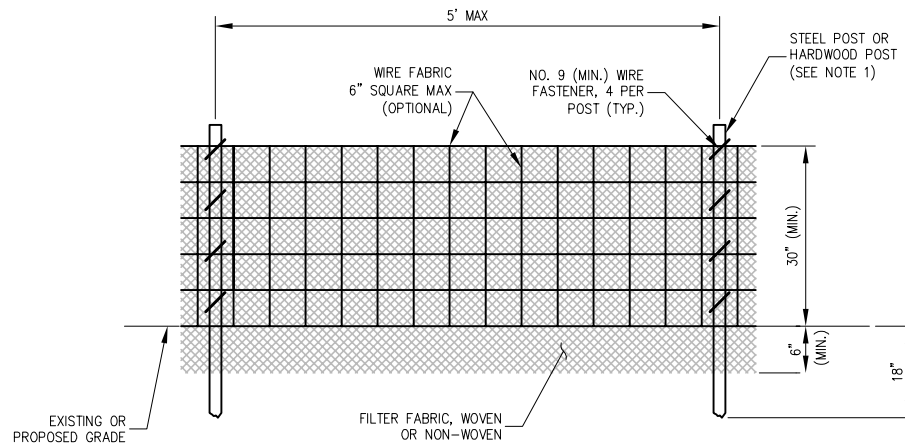
SILT FENCE PLACEMENT AT MANHOLES

NOTES:

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



FABRIC ANCHOR DETAIL

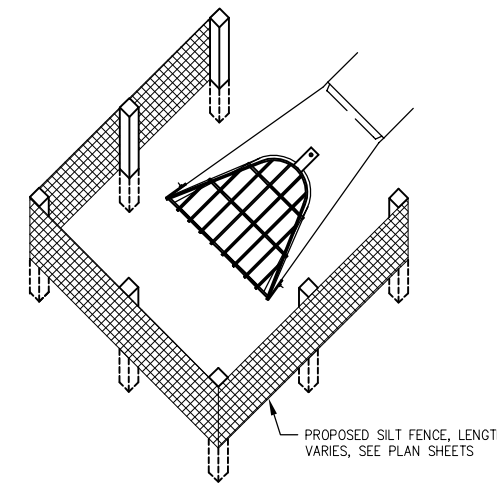


ELEVATION

NOTES:

1. FENCE POST SHALL BE EITHER STEEL "1" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 2.0 SQUARE INCHES. A CARPENTER'S (NOMINAL) 2"x2" POST WILL MEET SPECIFICATIONS.
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 APPARENT OPENING SIZE (AOS) OF AT LEAST 40 FOR NONWOVEN AND WOVEN (OR MAXIMUM OF 0.60mm).
7. 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.
8. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
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. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN THE SILT FENCE.
11. IF DEWATERING 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).
12. FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.
13. 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.

SILT FENCE



SILT FENCE PLACEMENT AT FLARED END SECTIONS (FES)

SEDIMENTATION AND EROSION CONTROL NOTES:

- A. 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.
- B. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- C. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE.
- D. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 8H:1V SHALL BE STABILIZED WITH SOD, MAT OR BLANKET IN COMBINATION WITH SEEDING.
- E. EROSION CONTROL BLANKET SHALL BE REQUIRED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- F. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- G. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- H. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- I. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURE) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- J. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD PRONE AREA OR A DESIGNATED BUFFER. NO STOCKPILES SHALL BE LOCATED WITHIN AN ACTIVE RUNWAY SAFETY AREA, RUNWAY OBJECT FREE AREA, RUNWAY OBSTACLE FREE ZONE, OR ACTIVE TAXIWAY OBJECT FREE AREA.
- K. IF DEWATERING 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).
- L. 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.

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 WHEREVER 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.

REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017

PROJECT NO: 16A0014D

CAD FILE: 17-SWPPP DET.DWG

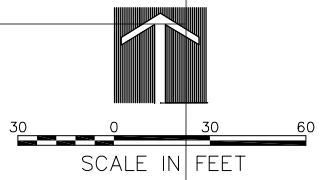
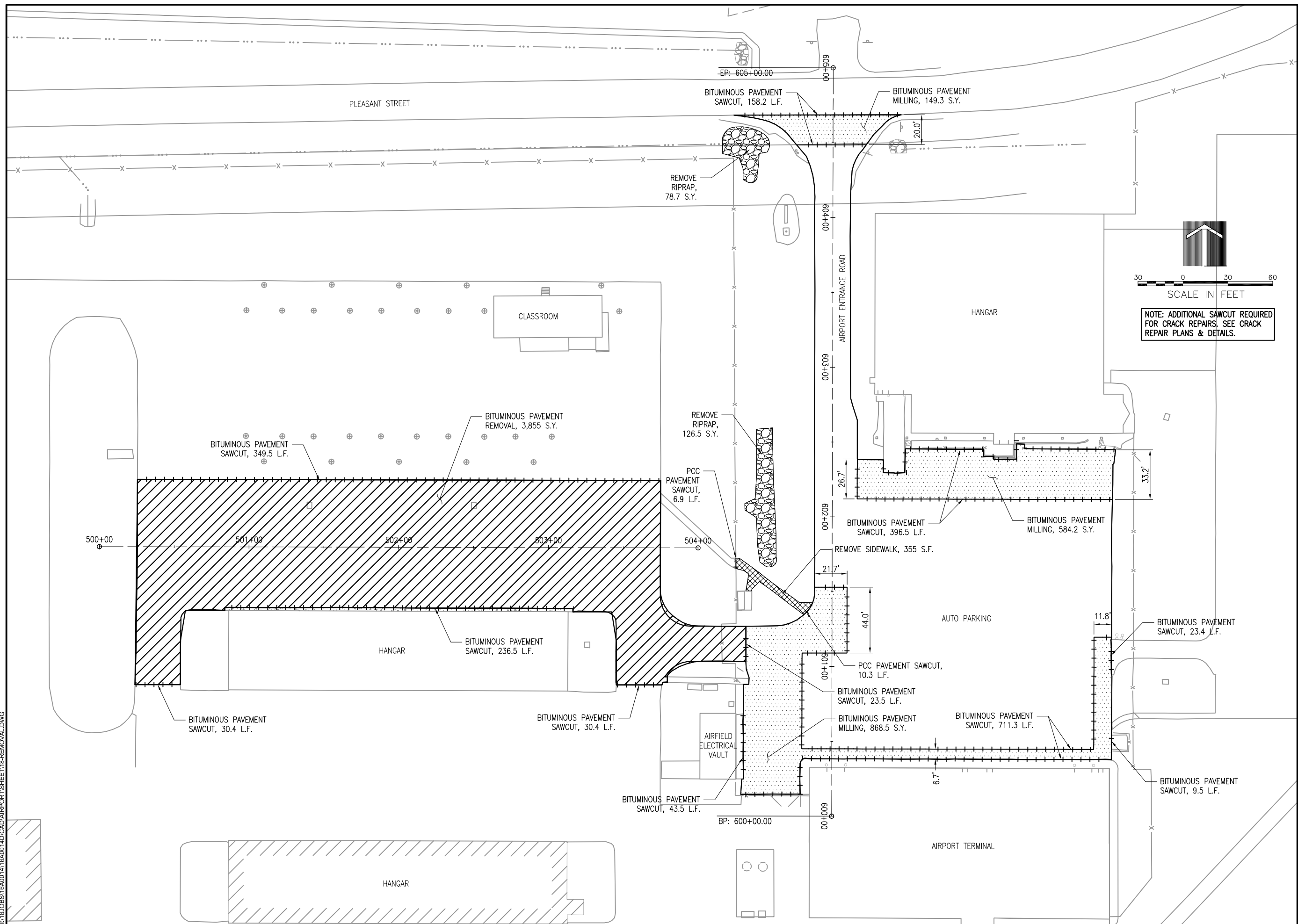
LAYOUT BY: LDH 7/22/16

DRAWN BY: LDH 7/22/16

REVIEWED BY: SJM 11/30/16

SHEET TITLE

SWPPP
DETAILS



NOTE: ADDITIONAL SAWCUT REQUIRED FOR CRACK REPAIRS. SEE CRACK REPAIR PLANS & DETAILS.

REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017

PROJECT NO: 16A0014D

CAD FILE: 18-REMOVAL.DWG

LAYOUT BY: LDH 9/28/16

DRAWN BY: LDH 9/28/16

REVIEWED BY: SJM 11/30/16

SHEET TITLE

REMOVAL PLAN

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**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

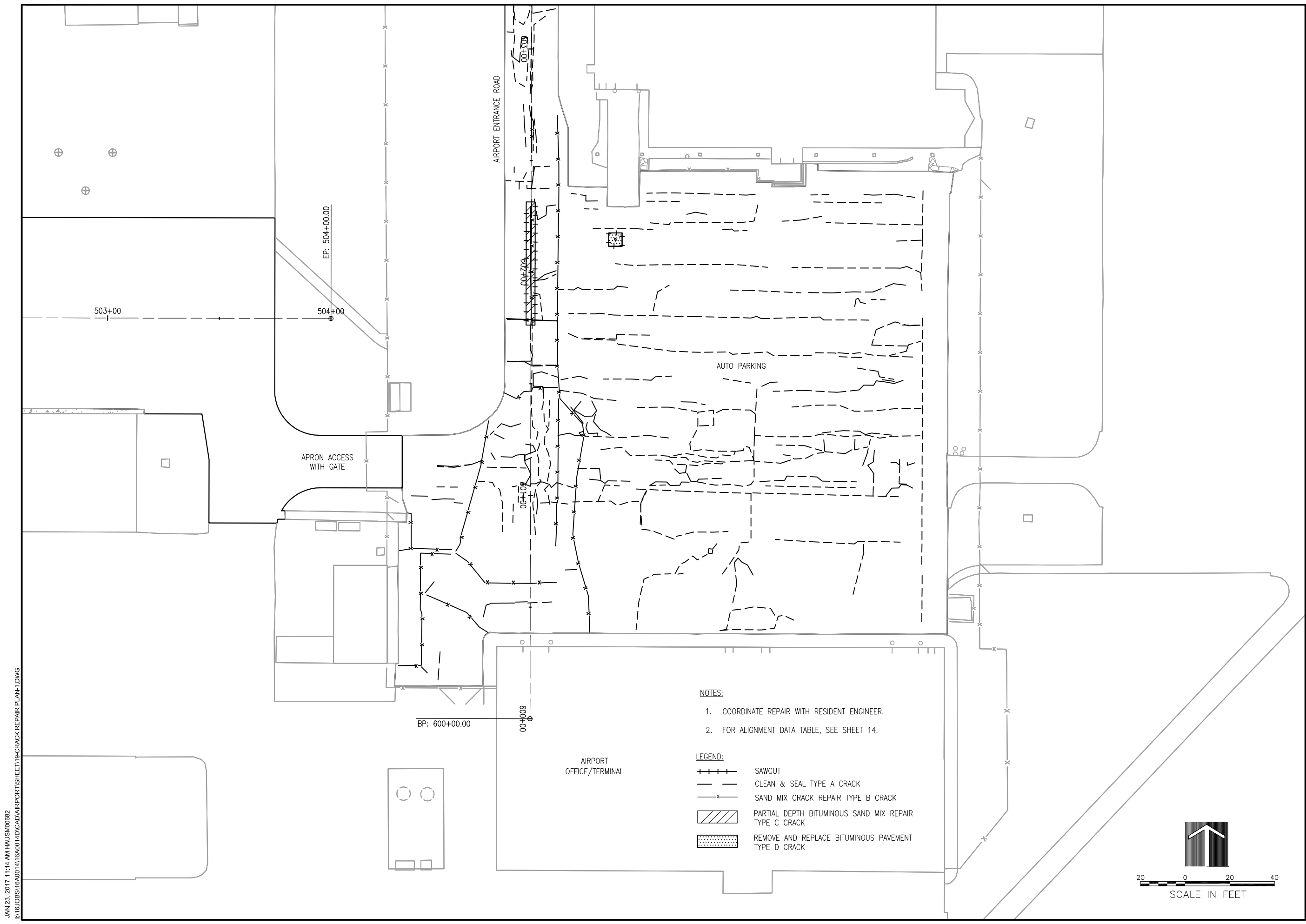
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		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 19-CRACK REPAIR PLAN-1.DWG
LAYOUT BY: LDH 9/8/2016
DRAWN BY: LDH 9/8/2016
REVIEWED BY: SJM 11/30/16

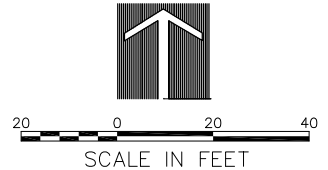
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**CRACK REPAIR
PLAN-1**

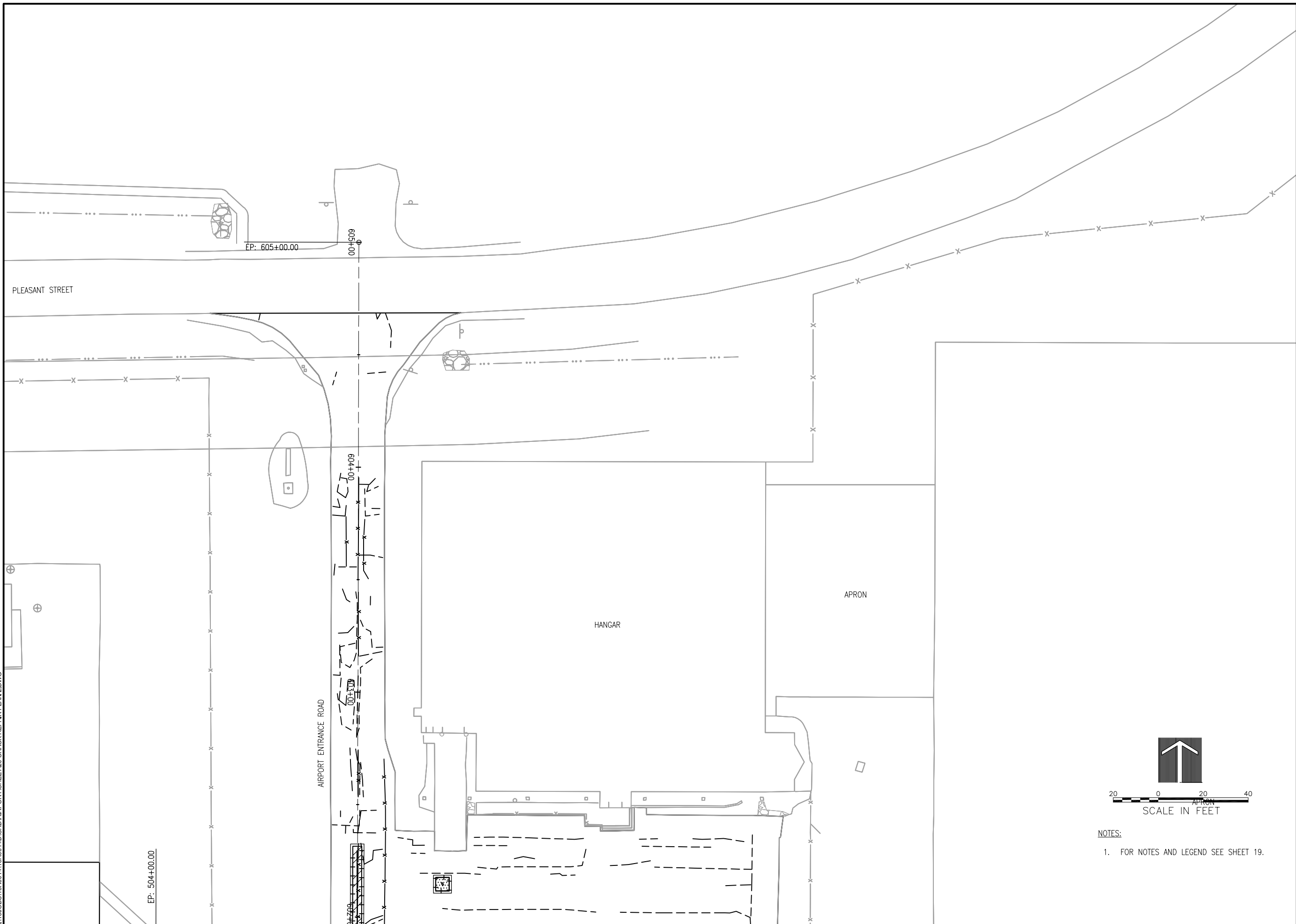


- NOTES:**
- COORDINATE REPAIR WITH RESIDENT ENGINEER.
 - FOR ALIGNMENT DATA TABLE, SEE SHEET 14.

- LEGEND:**
- ++++ SAWCUT
 - CLEAN & SEAL TYPE A CRACK
 - x- SAND MIX CRACK REPAIR TYPE B CRACK
 - ▨ PARTIAL DEPTH BITUMINOUS SAND MIX REPAIR TYPE C CRACK
 - ▤ REMOVE AND REPLACE BITUMINOUS PAVEMENT TYPE D CRACK



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**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

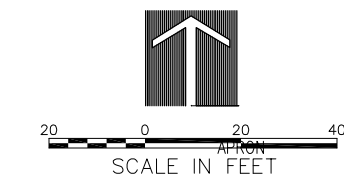
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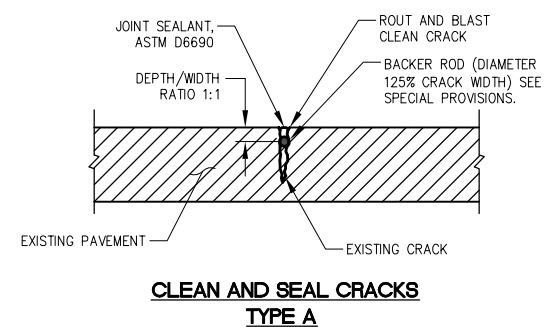
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PROJECT NO: 16A0014D
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REVIEWED BY: SJM 11/30/16

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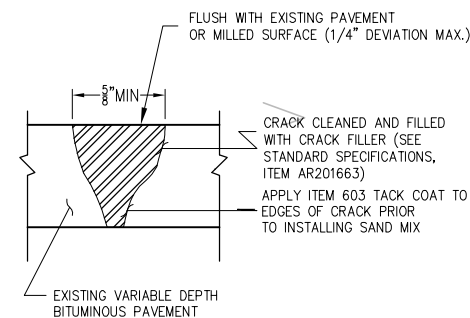
**CRACK REPAIR
PLAN-2**



- NOTES:
1. FOR NOTES AND LEGEND SEE SHEET 19.

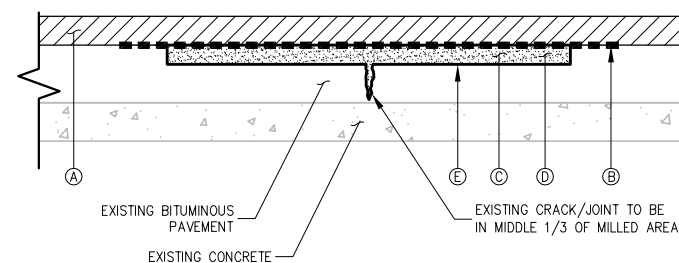


**CLEAN AND SEAL CRACKS
TYPE A**



- NOTES:**
- CRACKS TO BE FILLED WITH SAND MIX SHALL BE AS SHOWN IN PLANS OR AS DESIGNATED BY THE RESIDENT ENGINEER.
 - SAND MIX CRACK REPAIR SHALL BE USED ON ALL TYPE C CRACKS GREATER THAN 5/8" WIDE NOT DESIGNATED FOR PARTIAL DEPTH BITUMINOUS REPAIR, OR AS DESIGNATED BY THE RESIDENT ENGINEER.
 - CONTRACTOR SHALL ROUT, CRACK PLOW AND REMOVE LOOSE FILLER, LOOSE AGGREGATE AND LAITANCE WITH COMPRESSED AIR AS SPECIFIED PRIOR TO TACK COAT AND SEALING.

**SAND MIX CRACK REPAIR DETAIL
TYPE B**

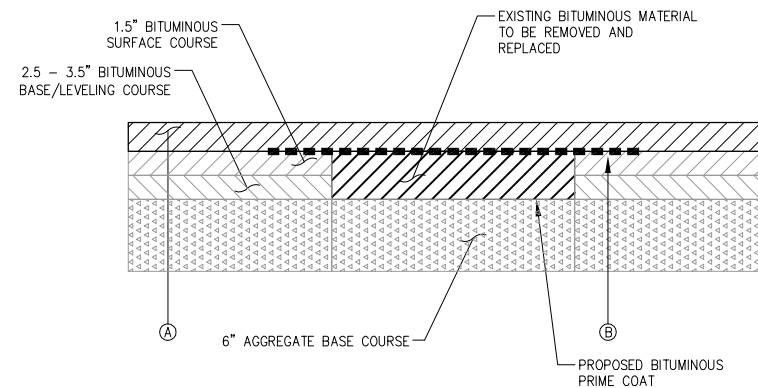


- NOTES:**
- TACK COAT SHALL BE APPLIED TO MILLED SURFACE OUTSIDE OF CRACK CONTROL MATERIAL.
 - CRACK CONTROL MATERIAL SHALL OVERLAP BITUMINOUS SAND MIX 6" EACH SIDE.

**TYPICAL SECTION - PARTIAL DEPTH BITUMINOUS REPAIR
TYPE C**

REPAIR LEGEND

- (A) PROPOSED OVERLAY
- (B) CRACK CONTROL FABRIC (60" WIDE), ITEM AR201670.
- (C) BITUMINOUS SAND MIX - 2 INCH, ITEM AR800972.
- (D) PAVEMENT MILLING, ITEM AR401650.
- (E) PROPOSED BIT. TACK COAT, ITEM AR603510



- NOTES:**
- CRACK CONTROL MATERIAL SHALL OVERLAP BITUMINOUS PATCH 6" EACH SIDE.
 - BITUMINOUS PAVEMENT SAWING TO BE PAID UNDER ITEM AR401665.
 - WHERE WIDTH IS GREATER THAN 60-INCHES, THE CRACK CONTROL MATERIAL SHALL BE OVERLAPED BY 12-INCHES. THE OVERLAP SHALL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN THE COST FOR CRACK CONTROL MATERIAL

**BITUMINOUS PAVEMENT REMOVAL/REPLACEMENT/REPAIR
TYPE D**

REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

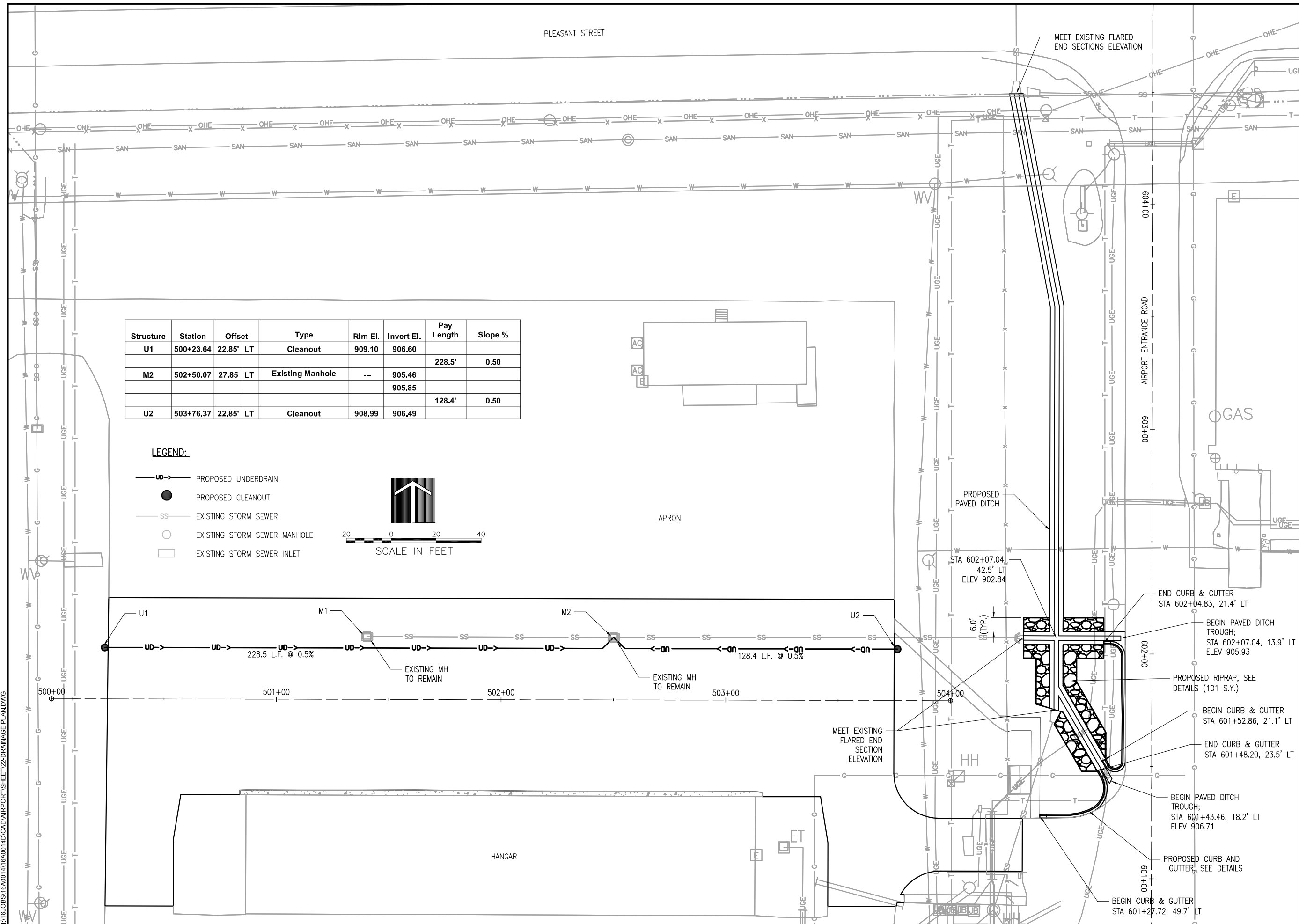
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 21-CRACK REPAIR PLAN DET.DWG
LAYOUT BY: LDH 7/22/16
DRAWN BY: LDH 7/22/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

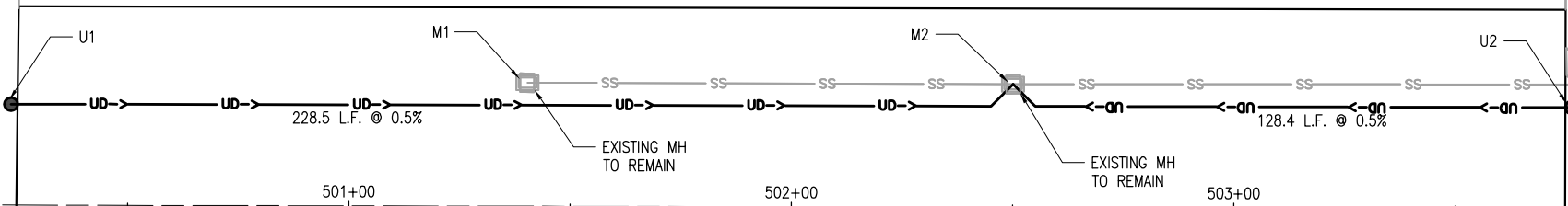
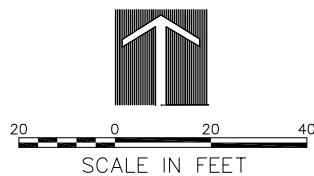
**CRACK REPAIR
DETAILS**



Structure	Station	Offset	Type	Rim EL.	Invert EL.	Pay Length	Slope %
U1	500+23.64	22.85' LT	Cleanout	909.10	906.60	228.5'	0.50
M2	502+50.07	27.85 LT	Existing Manhole	--	905.46		
					905.85	128.4'	0.50
U2	503+76.37	22.85' LT	Cleanout	908.99	906.49		

LEGEND:

- PROPOSED UNDERDRAIN
- PROPOSED CLEANOUT
- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER INLET



REHABILITATE T-HANGAR PAVEMENTS, MAIN ENTRANCE ROAD AND AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

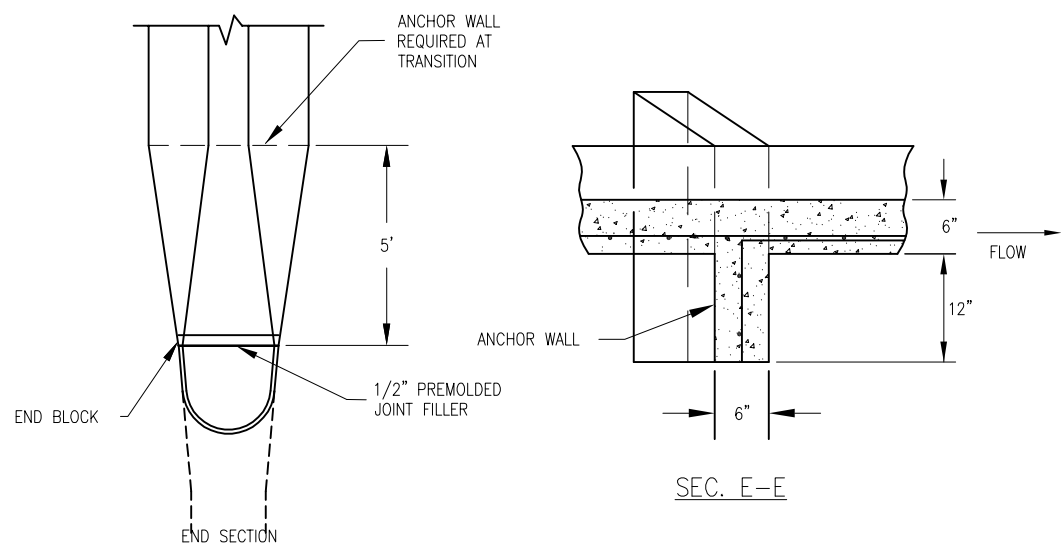
Contract No. DK058

NO.	DATE	DESCRIPTION	LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 22-DRAINAGE PLAN.DWG
LAYOUT BY: LDH 9/8/2016
DRAWN BY: LDH 9/8/2016
REVIEWED BY: SJM 11/30/16

SHEET TITLE

DRAINAGE PLAN AND SCHEDULE

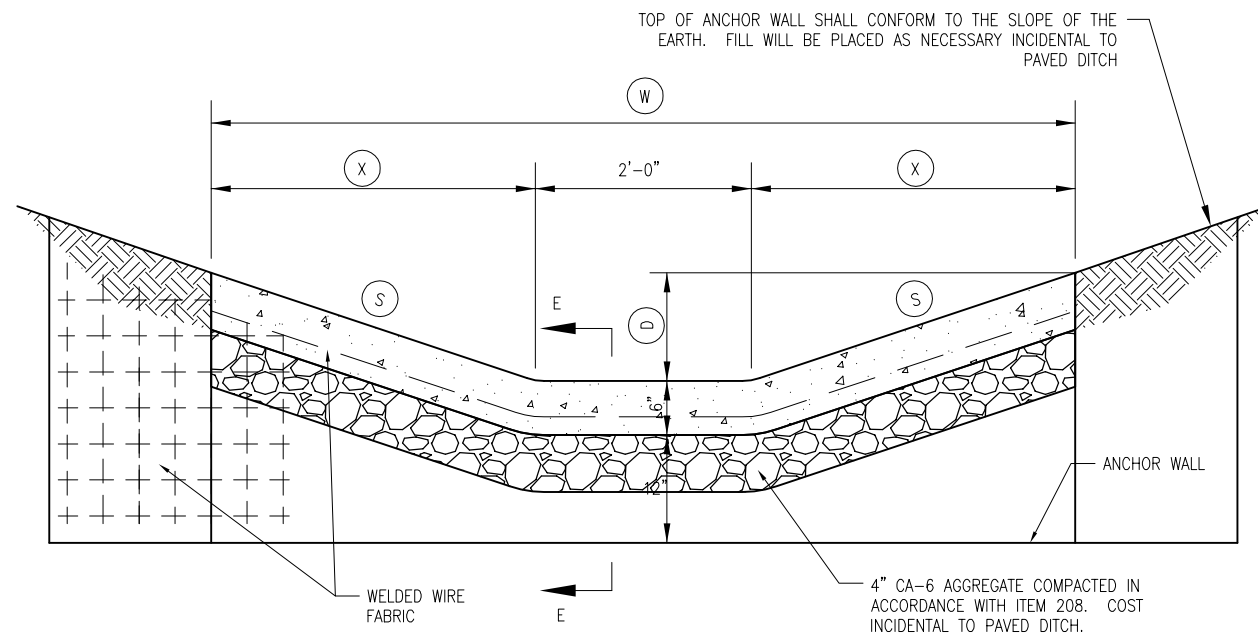


**PAVED DITCH
TRANSITION TO END SECTION**

ANCHOR WALL

NOTES

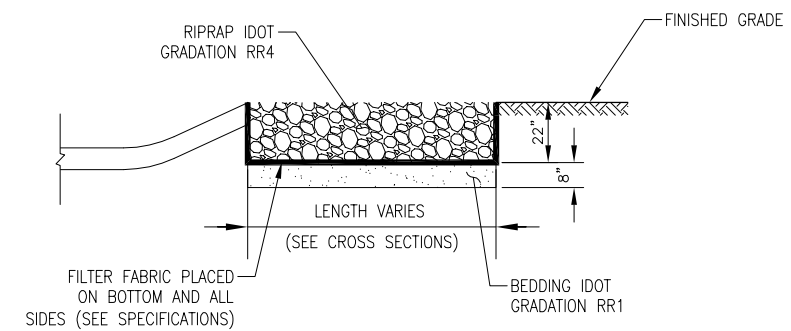
1. ITEM 610 PC CONCRETE SHALL BE USED THROUGHOUT.
2. WELDED WIRE FABRIC SHALL BE 6"x6" MESH, #4 GAGE, 58 LBS. PER 100 SQ. FT., CONFORMING TO THE REQUIREMENTS OF AASHTO M-55.
3. 1/2 INCH PREMOULDED JOINT FILLER SHALL BE PLACED AT THE JUNCTION OF PAVED DITCH WITH ANY OTHER STRUCTURE.
4. ANCHOR WALLS SHALL BE SPACED AT NOT MORE THAN 50 FOOT INTERVALS.
5. ANCHOR WALLS SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE PAVED DITCH.
6. AT THE OPTION OF THE CONTRACTOR, #3 REINFORCING BARS PLACED AT 12 INCH CENTERS LONGITUDINALLY IN PAVED DITCH AND VERTICALLY IN ANCHOR AND CUT-OFF WALLS MAY BE USED IN LIEU OF THE WELDED WIRE FABRIC.
7. THE COST OF FURNISHING AND PLACING THE JOINT FILLER AND WELDED WIRE FABRIC OR THE #3 REINFORCING BARS WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE PAVED DITCH.
8. TOOLED OR SAWED CONTROL JOINTS ARE TO BE PLACED AT A SPACING NOT TO EXCEED 15' APART. NO SECTION IS TO BE SHORTER THAT 4'.
9. EXPANSION JOINTS WITH 1/2" PREMOLDED JOINT FILLER TO BE PLACED AT A SPACING NO GREATER THAN 30'.
10. CONSTRUCTION/CONTRACTION JOINTS AND EXPANSION JOINTS SHALL BE SEALED WITH JOINT SEALER SUITABLE FOR THIS APPLICATION. (SEE SPECIAL PROVISIONS)
11. C.I.P. = CAST-IN-PLACE
12. ALL JOINTS AND JOINT SEALING IS INCIDENTAL TO PAVED DITCH.



CROSS SECTION

TYPE	D	W	X	S
B-15	6"	6'-0"	2'-0"	1:4

**PAVED DITCH AND ANCHOR WALL
(IDOT STANDARD 606401-01)**



RIPRAP SECTION

NOTES

1. COST OF FILTER FABRIC IS INCIDENTAL TO RIPRAP.
2. CENTERLINE OF FLARED END SECTION WILL BE CALLED OUT IN SCHEDULE. THE WIDTH OF THE RIPRAP WILL BE CENTERED ON THIS LOCATION. THE PLACEMENT OF THE RIPRAP CAN BE DETERMINED FROM THIS LOCATION.

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

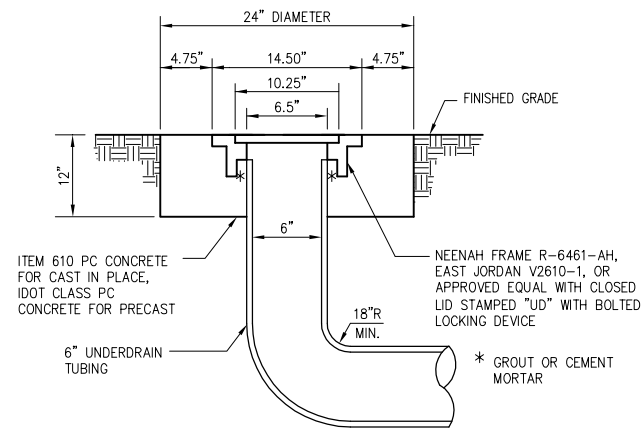
NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 23-DRAINAGEDET.DWG
LAYOUT BY: LDH 7/22/16
DRAWN BY: LDH 7/22/16
REVIEWED BY: SJM 11/30/16

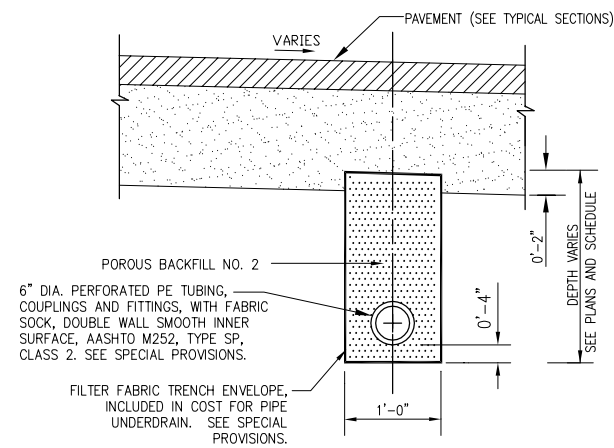
SHEET TITLE

**DRAINAGE
DETAILS**

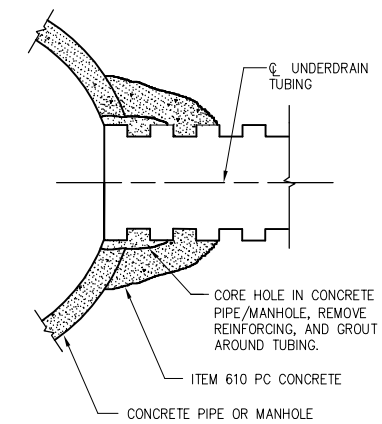
JAN 23, 2017 11:17 AM HAUSM00882 R16.JOBS\16A001\416A001\41\CAD\AIRPORT\16A001\DRAINAGEDET.DWG



UNDERDRAIN CLEANOUT



UNDERDRAIN UNDER PAVEMENT



STORM SEWER CONCRETE COLLAR AND GROUT CONNECTION

REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 24-UD DETAILS.DWG
LAYOUT BY: LDH 1/8/15
DRAWN BY: LDH 1/8/15
REVIEWED BY: SJM 11/30/16

SHEET TITLE

UNDERDRAIN
DETAILS

DETAILS SHOWN ARE NOT TO SCALE

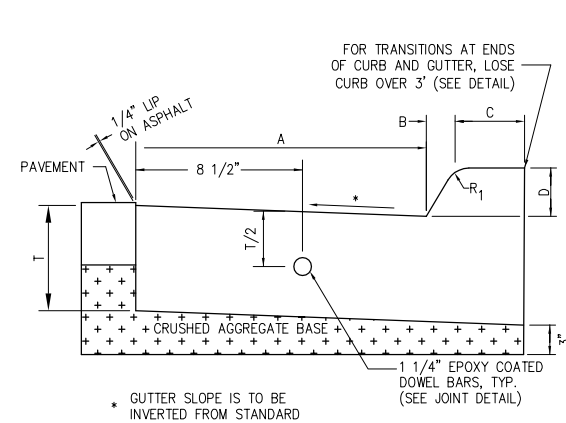
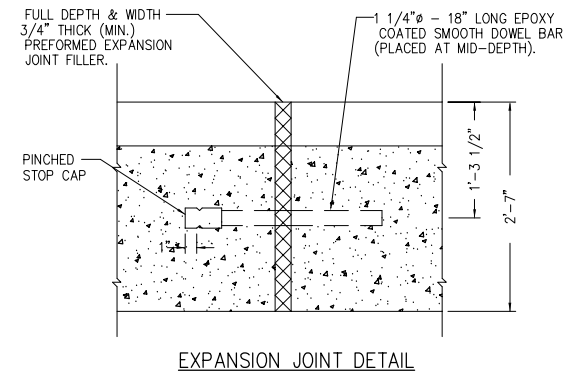


TABLE OF DIMENSIONS BARRIER CURB (IN)						
TYPE	A	B	C	D	R ₁	T
B-6.12	12	1	6	6	1	9

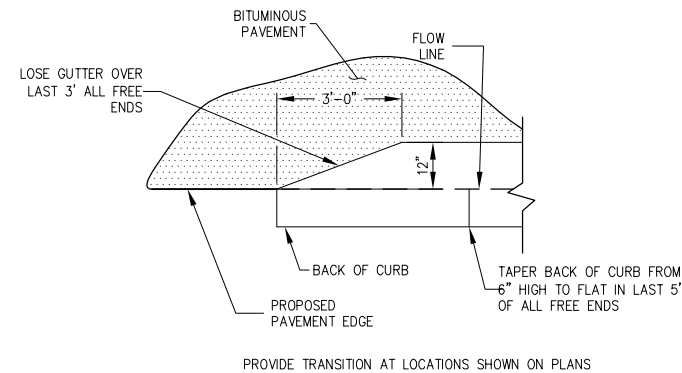
SECTION

COMBINATION CONCRETE CURB AND GUTTER
(DOT STANDARD 606001 - MODIFIED)



NOTES

1. CONTRACTION JOINTS TO BE LOCATED AT NO GREATER THAN 12.5' ON CENTER. CONTRACTION JOINTS ARE TO BE EITHER 3/4" THICK PREFORMED JOINT FILLER, SAWED 2" DEEP AT 4 TO 24 HOURS OR FORMED WITH A 1/8" THICK STEEL TEMPLATE 2" DEEP.
2. EXPANSION JOINTS TO BE LOCATED 5' FROM EACH SIDE OF AN INLET STRUCTURE AND AT 50' MAX SPACING.
3. ALL EXPANSION AND SAWED CONTRACTION JOINTS SHALL BE SEALED WITH HOT-POURED SEALANT, ASTM D6690, TYPE II, COST INCIDENTAL TO CURB AND GUTTER.
4. COST OF CRUSHED AGGREGATE BASE UNDER CURB AND GUTTER INCIDENTAL TO ITEM 754.



PROVIDE TRANSITION AT LOCATIONS SHOWN ON PLANS

PLAN VIEW OF CURB TRANSITION

REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBG-111
3-17-SBG-120
3-17-SBG-133

Contract No. DK058

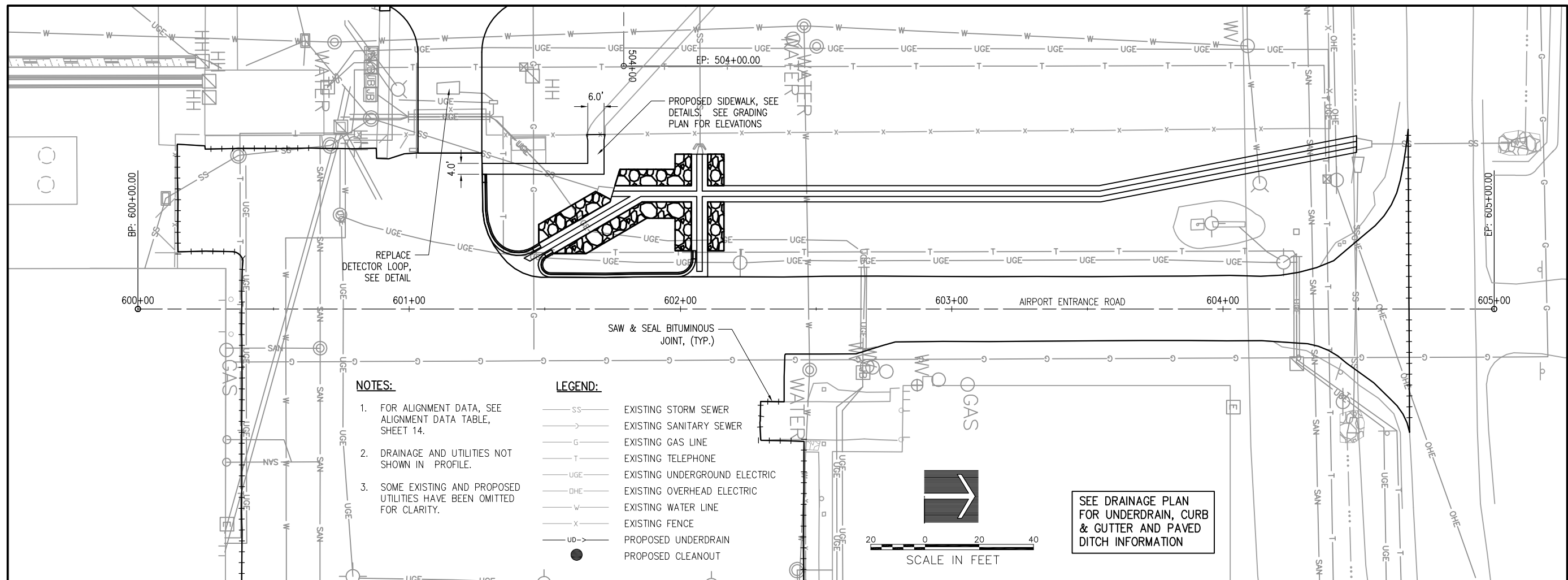
NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 25-CURB DET.DWG
LAYOUT BY: LDH 7/22/16
DRAWN BY: LDH 7/22/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

CURB & GUTTER
DETAILS

DETAILS SHOWN ARE NOT TO SCALE



REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

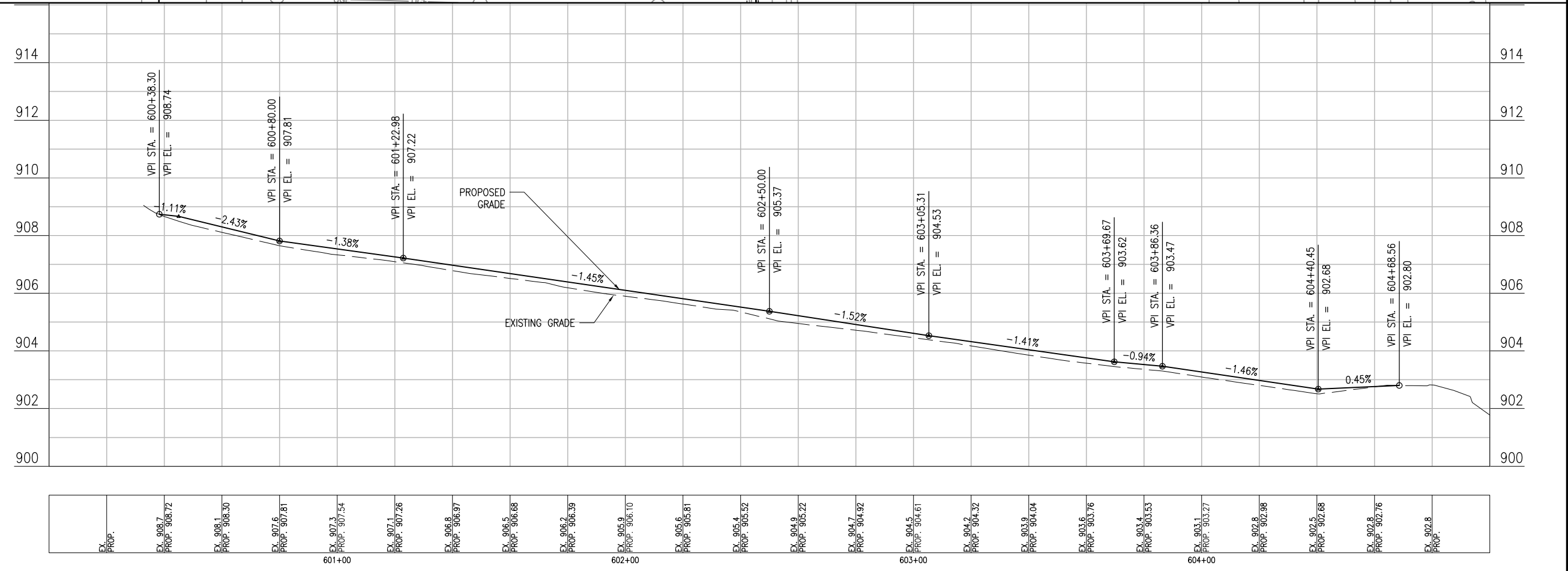
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 26-P&P-ENT RD - (1).DWG
LAYOUT BY: LDH 09/23/16
DRAWN BY: LDH 09/23/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

PLAN AND PROFILE
ENTRANCE ROAD



EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.	EX. PROP.				
906.7	908.1	907.6	907.3	907.1	906.8	906.5	906.2	905.9	905.6	905.4	904.9	904.7	904.5	904.2	903.9	903.6	903.4	903.1	902.8	902.5	902.2	901.8	
PROP. 906.72	PROP. 906.30	PROP. 907.81	PROP. 907.54	PROP. 907.26	PROP. 906.97	PROP. 906.68	PROP. 906.39	PROP. 906.10	PROP. 905.81	PROP. 905.52	PROP. 905.22	PROP. 904.92	PROP. 904.61	PROP. 904.32	PROP. 904.04	PROP. 903.76	PROP. 903.53	PROP. 903.27	PROP. 902.98	PROP. 902.68	PROP. 902.76	PROP. 902.8	
601+00								602+00															604+00

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

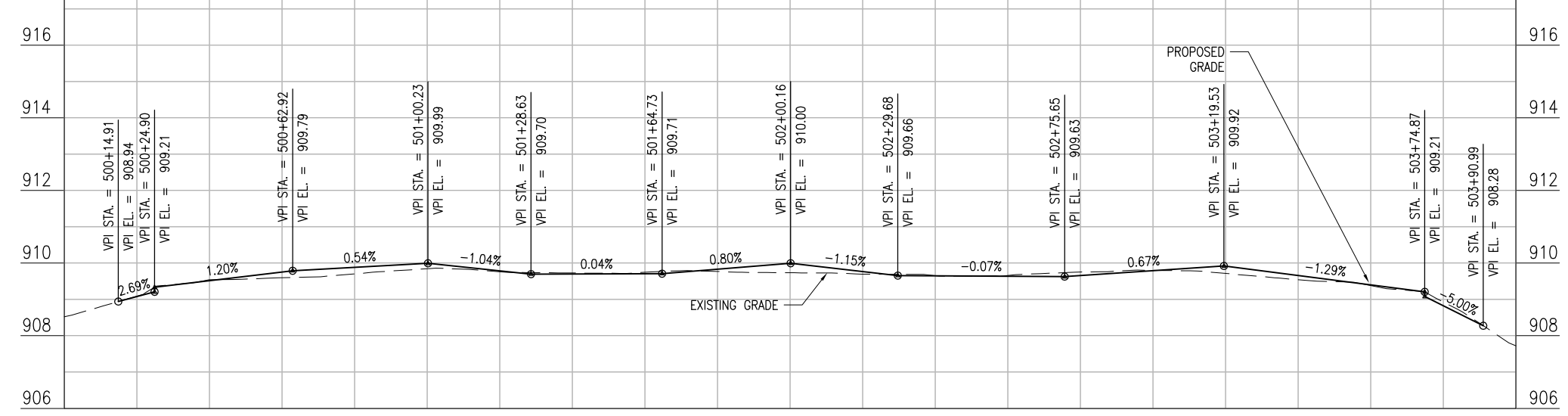
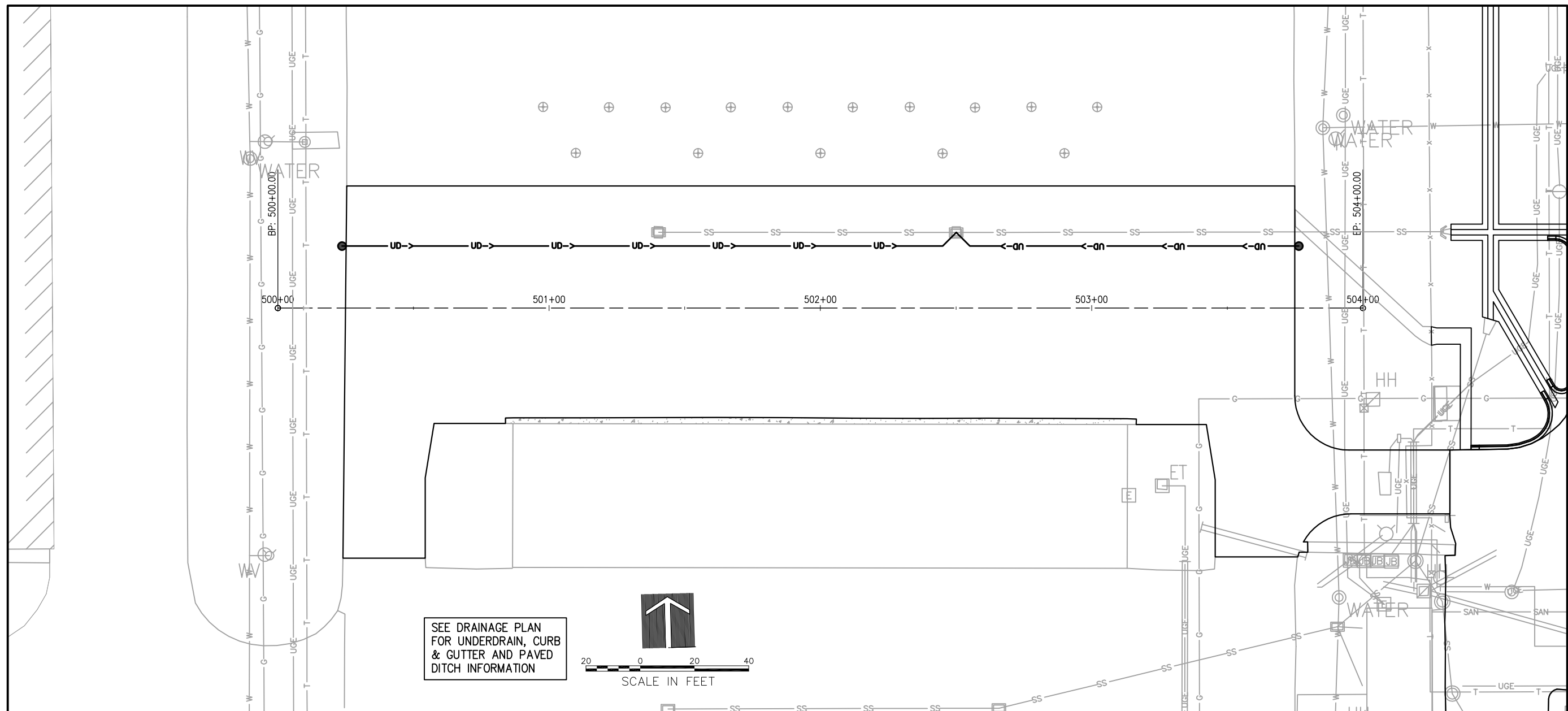
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 27-P&P-TAXILANE - (2).DWG
LAYOUT BY: LDH 09/23/16
DRAWN BY: LDH 09/23/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**PLAN AND PROFILE
TAXILANE**



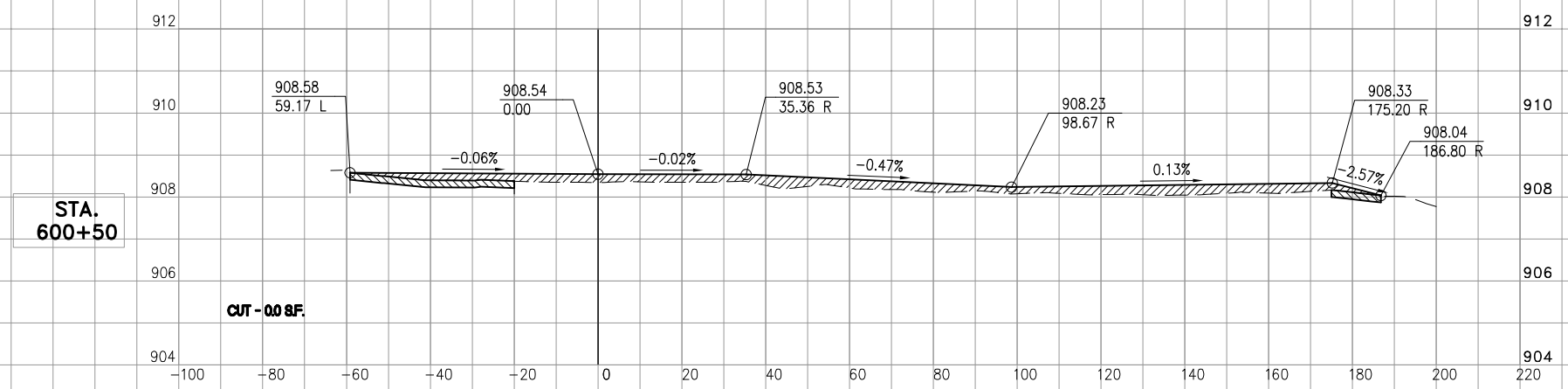
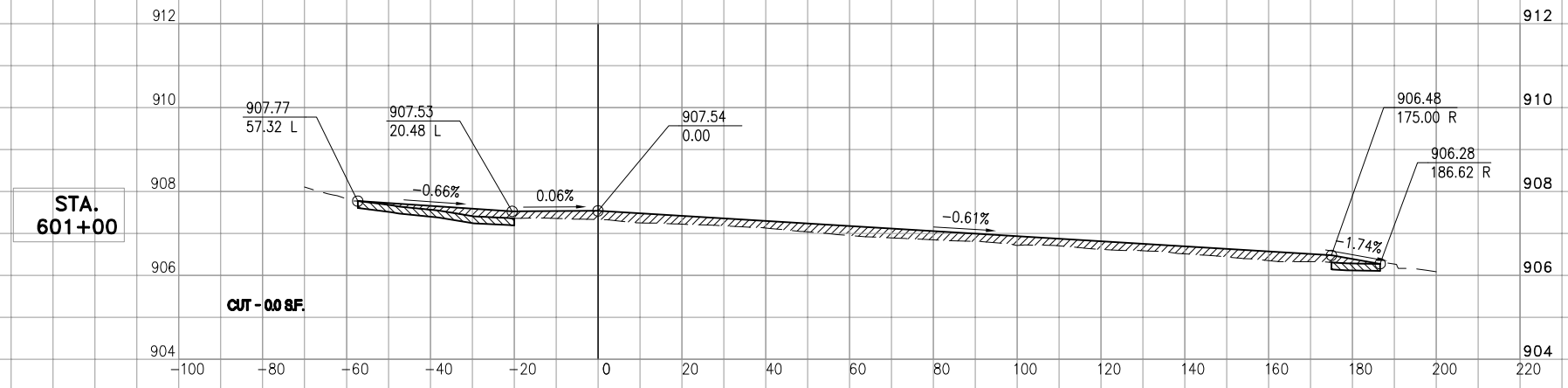
Station	Existing Elevation	Proposed Elevation
500+14.91	908.94	908.94
500+24.90	909.21	909.21
500+62.92	909.79	909.79
501+00.23	909.99	909.99
501+28.63	909.70	909.70
501+64.73	909.71	909.71
502+00.16	910.00	910.00
502+29.68	909.66	909.66
502+75.65	909.63	909.63
503+19.53	909.92	909.92
503+74.87	909.21	909.21
503+90.99	908.28	908.28

JAN 23, 2017 11:19 AM HAUSM00682 R16:JOBS\16A0014\16A0014D\CAD\AIRPORT\TAXILANE- (2).DWG



EARTHWORK SUMMARY IN CUBIC YARDS

	CUT	FILL
UNCLASSIFIED EXCAVATION	980	
TOPSOIL PLACEMENT		343
* Topsoil quantity based on 4" over grading area.		



MEET EXISTING PAVEMENT ELEVATION AT EXISTING
SIDEWALK EDGE AT STATION 600+38.30

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431
SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 28-CROSS SECTION-1.DWG
LAYOUT BY: LDH 8/24/16
DRAWN BY: LDH 8/24/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**CROSS SECTIONS
PARKING LOT AND
ENTRANCE ROAD**



DeKalb Taylor Municipal Airport
3232 Pleasant Street
DeKalb, IL 60115

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017

PROJECT NO: 16A0014D

CAD FILE: 29-CROSS SECTION-2.DWG

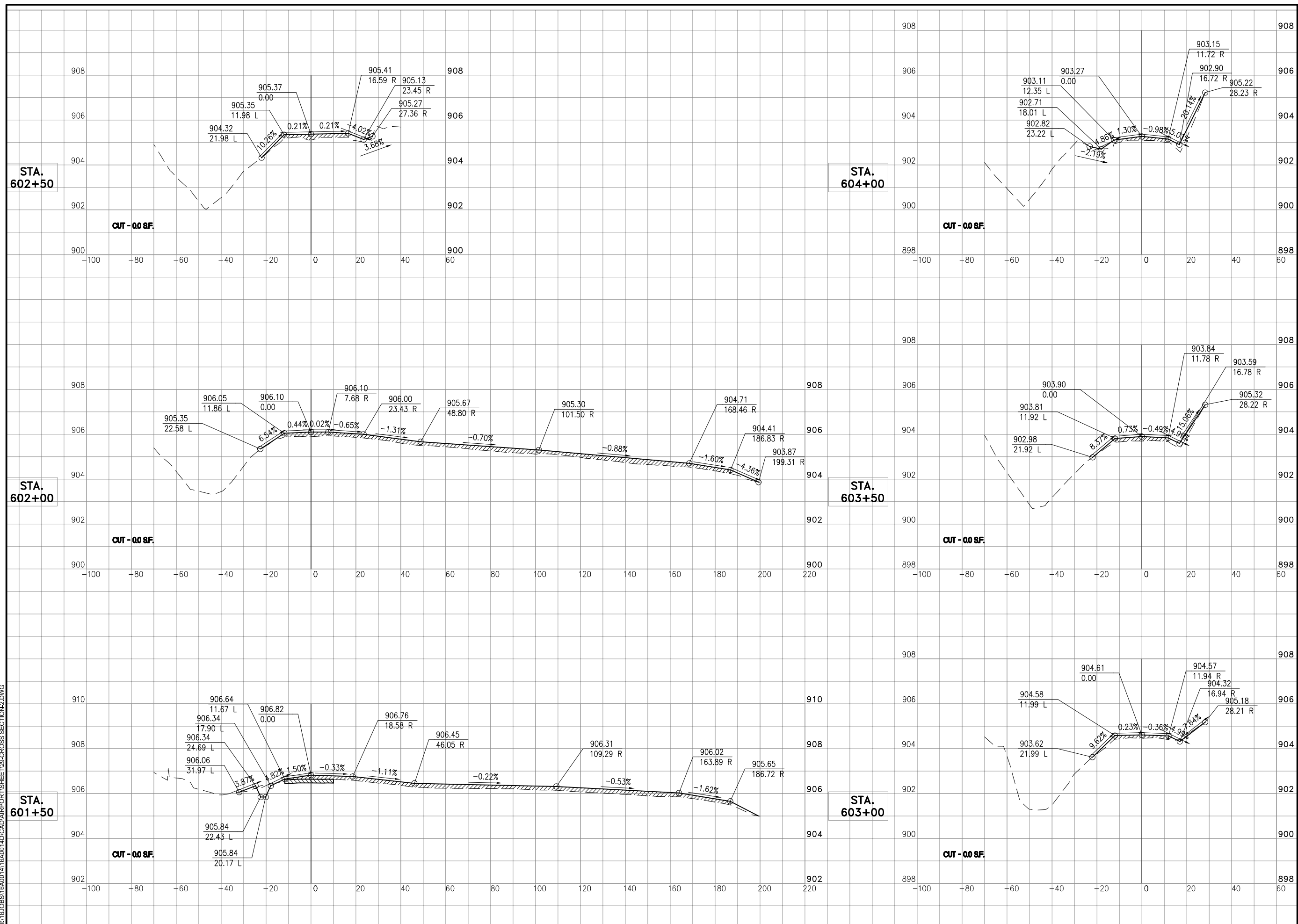
LAYOUT BY: LDH 8/24/16

DRAWN BY: LDH 8/24/16

REVIEWED BY: SJM 11/30/16

SHEET TITLE

**CROSS SECTIONS
PARKING LOT AND
ENTRANCE ROAD**



JAN 23, 2017 11:21 AM HAUSM00682
R16:JOBS\16A001\16A001\4D\CAD\AIRPORT\16A001\29-CROSS SECTION-2.DWG



**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

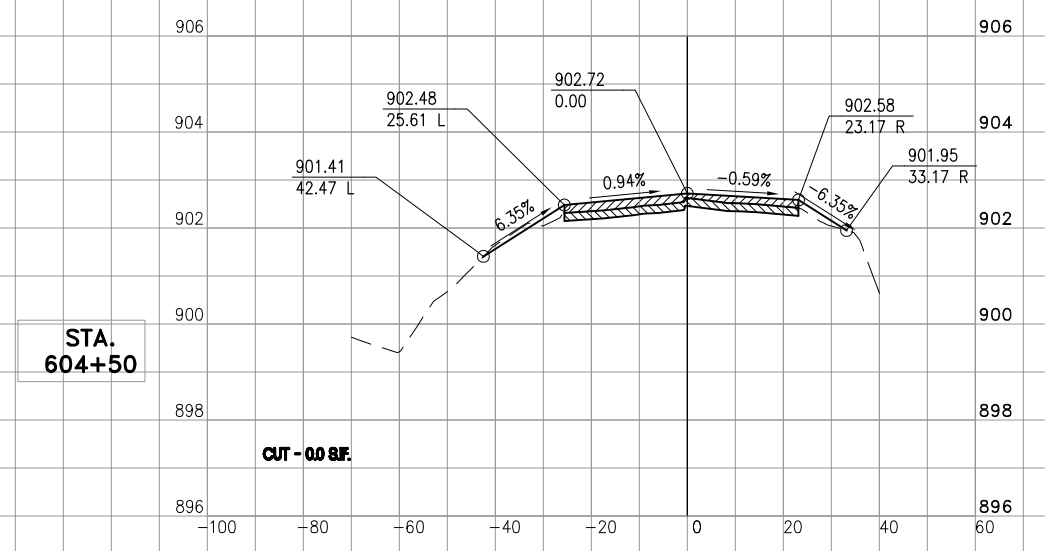
NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 30-CROSS SECTION-3.DWG
LAYOUT BY: LDH 8/24/16
DRAWN BY: LDH 8/24/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**CROSS SECTIONS
PARKING LOT AND
ENTRANCE ROAD**

MEET EXISTING PLEASANT STREET
EDGE AT STATION 604+68.56



JAN 23, 2017 11:22 AM HAUSM00682
R:\16\JOBS\16A0014\16A0014D\CAD\AIRPORT\30-CROSS SECTION-3.DWG



DeKalb Taylor Municipal Airport
3232 Pleasant Street
DeKalb, IL 60115

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

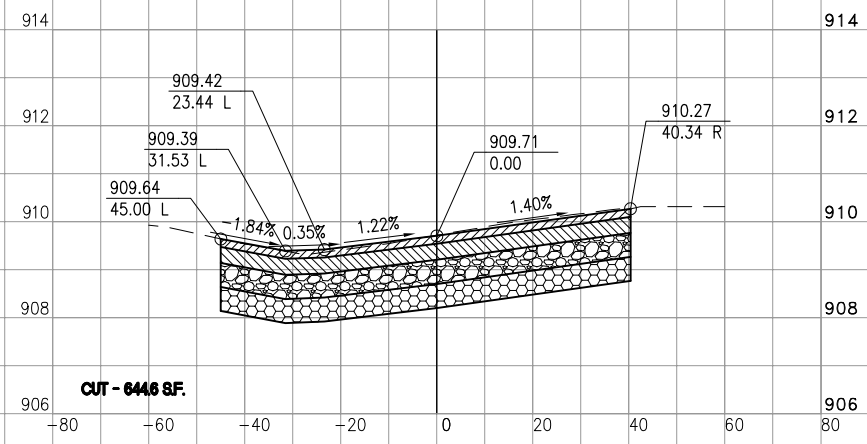
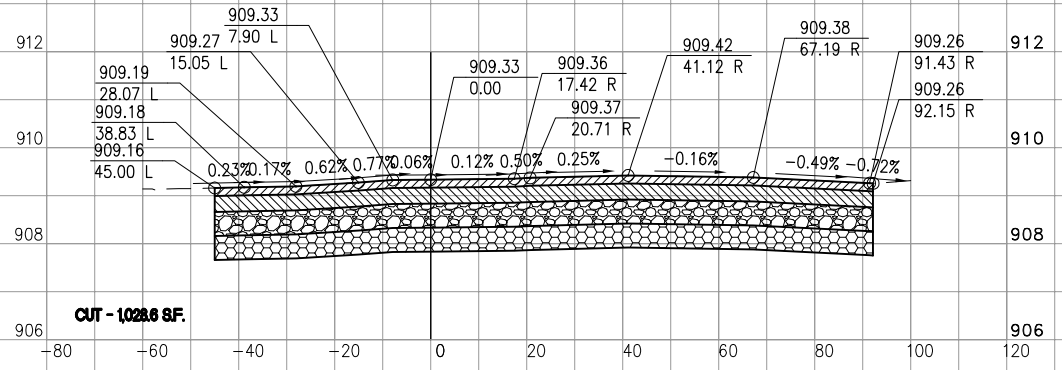
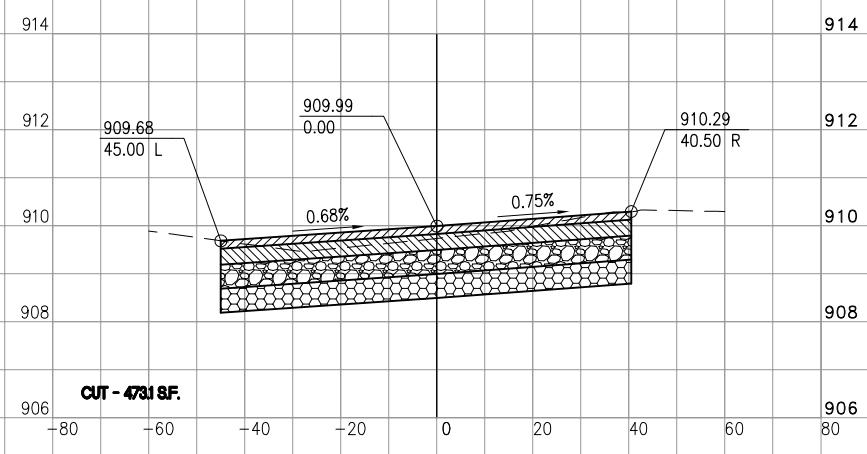
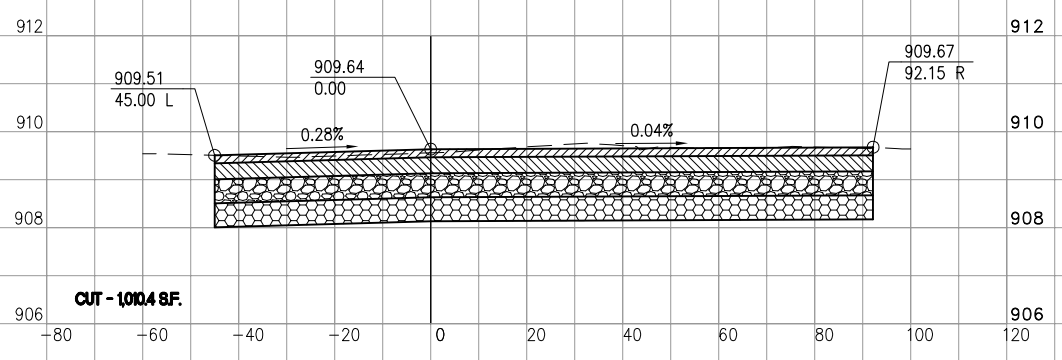
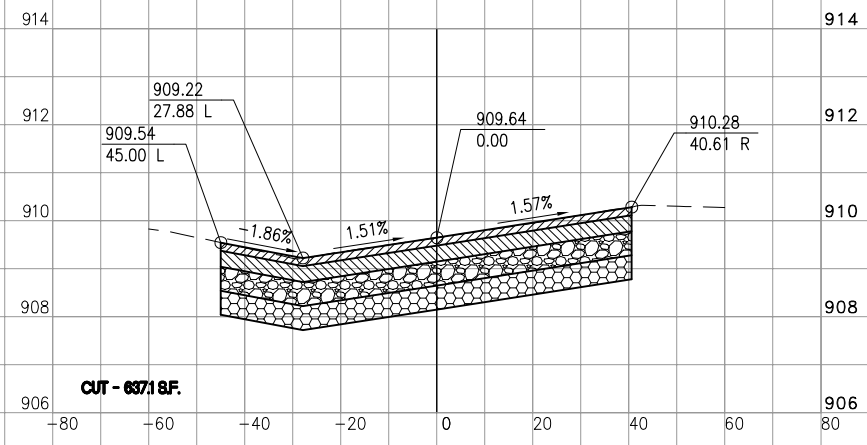
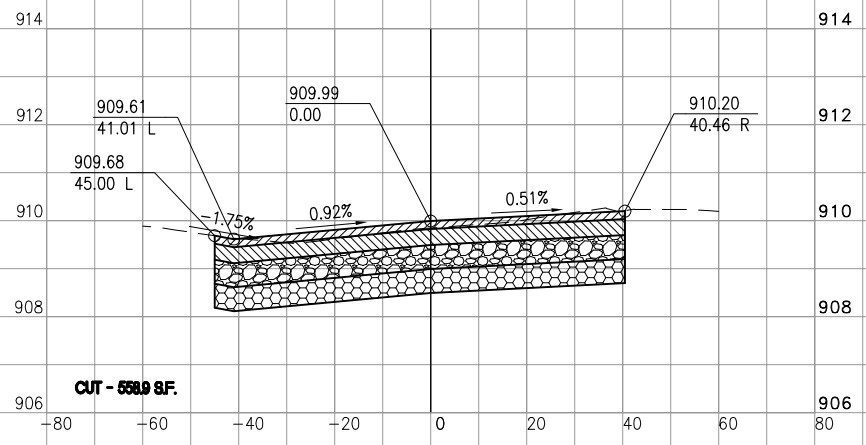
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

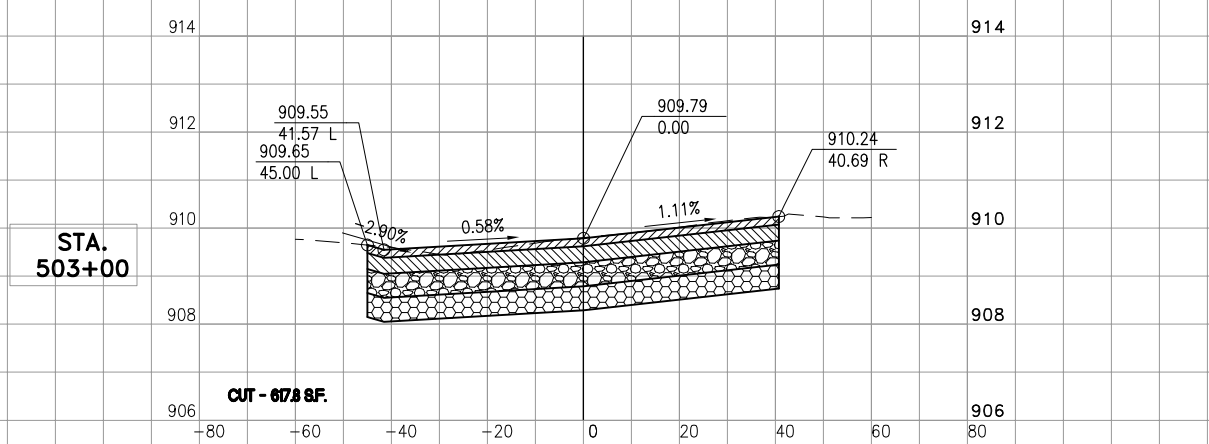
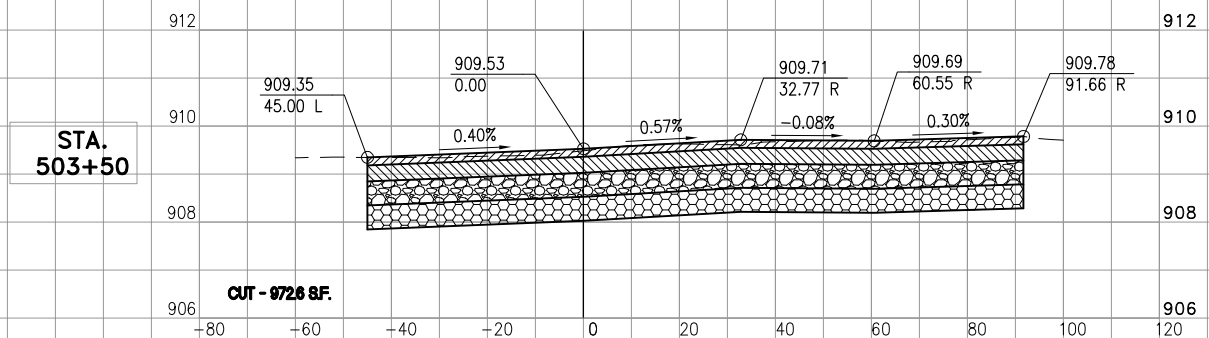
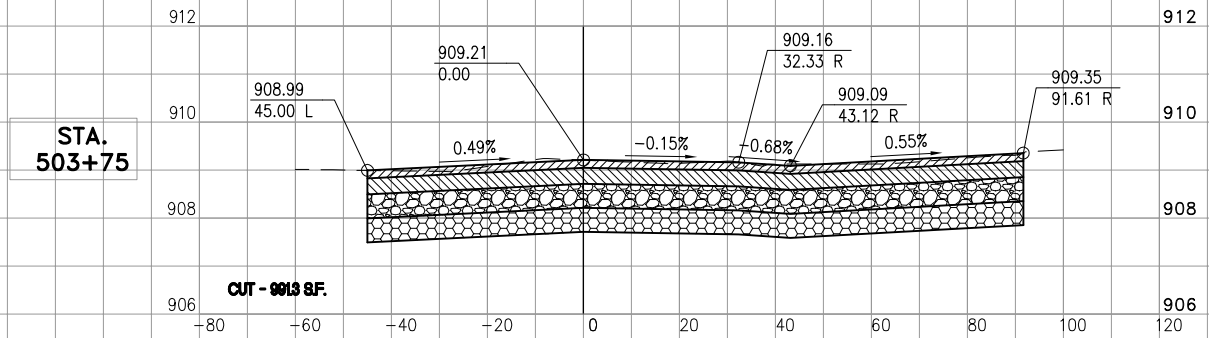
ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 31-CROSS SECTION-4.DWG
LAYOUT BY: LDH 8/24/16
DRAWN BY: LDH 8/24/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**CROSS SECTIONS
TAXILANE**



JAN 23, 2017 11:22 AM HAUSM00682 R:\16\JOBS\16A001\416A001\416A001\416A001\CAD\AIRPORT\31-CROSS SECTION-4.DWG



**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 32-CROSS SECTION-5.DWG
LAYOUT BY: LDH 8/24/16
DRAWN BY: LDH 8/24/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**CROSS SECTIONS
TAXILANE**

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

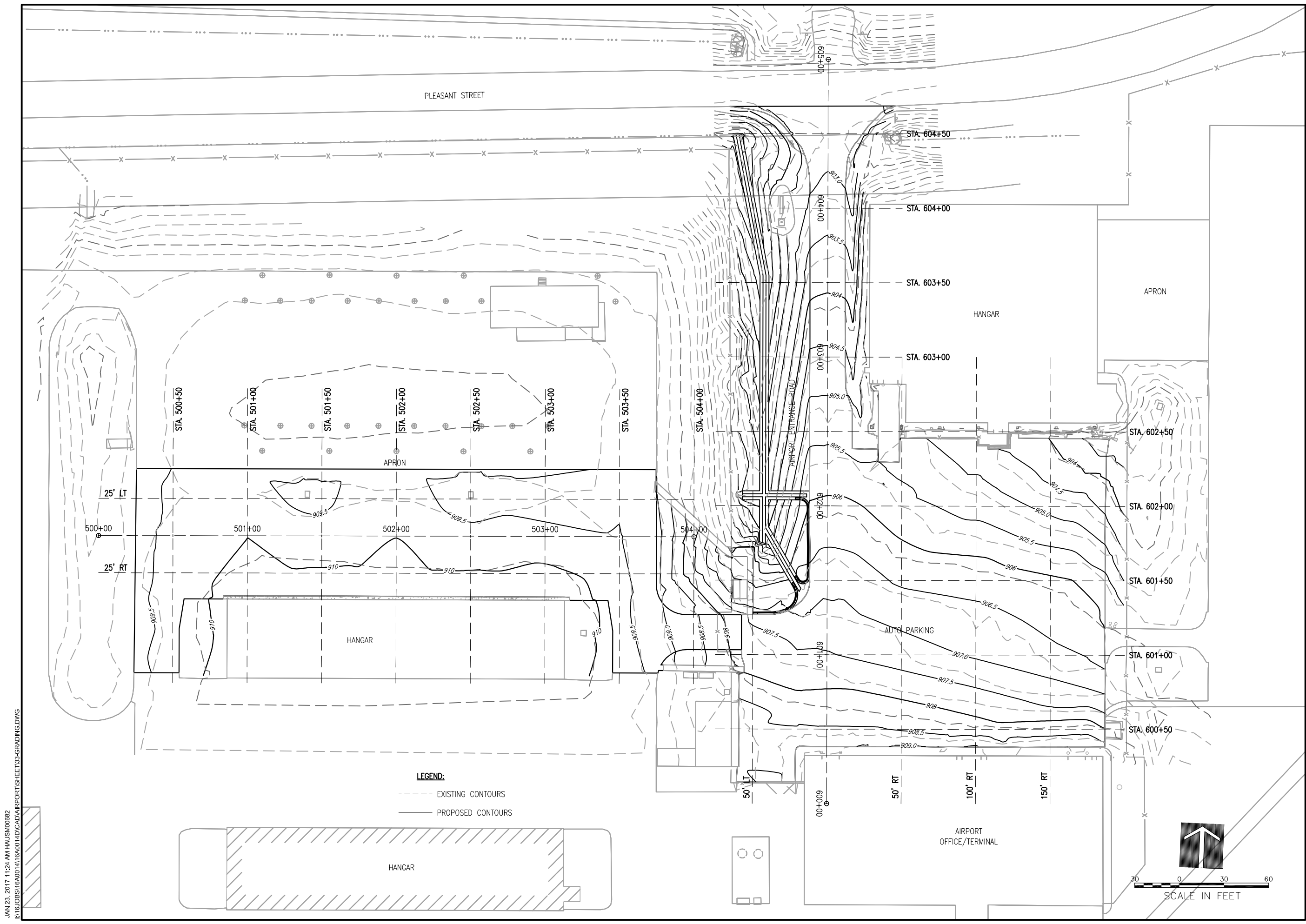
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 33-GRADING.DWG
LAYOUT BY: LDH 10/19/16
DRAWN BY: LDH 10/19/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

GRADING PLAN



JAN 23, 2017 11:24 AM HAUSM00682
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**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
			LAY	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 34-DETL00P.DWG
LAYOUT BY: KNL 12/6/16
DRAWN BY: LDH 12/6/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**DETECTOR LOOP
DETAILS**

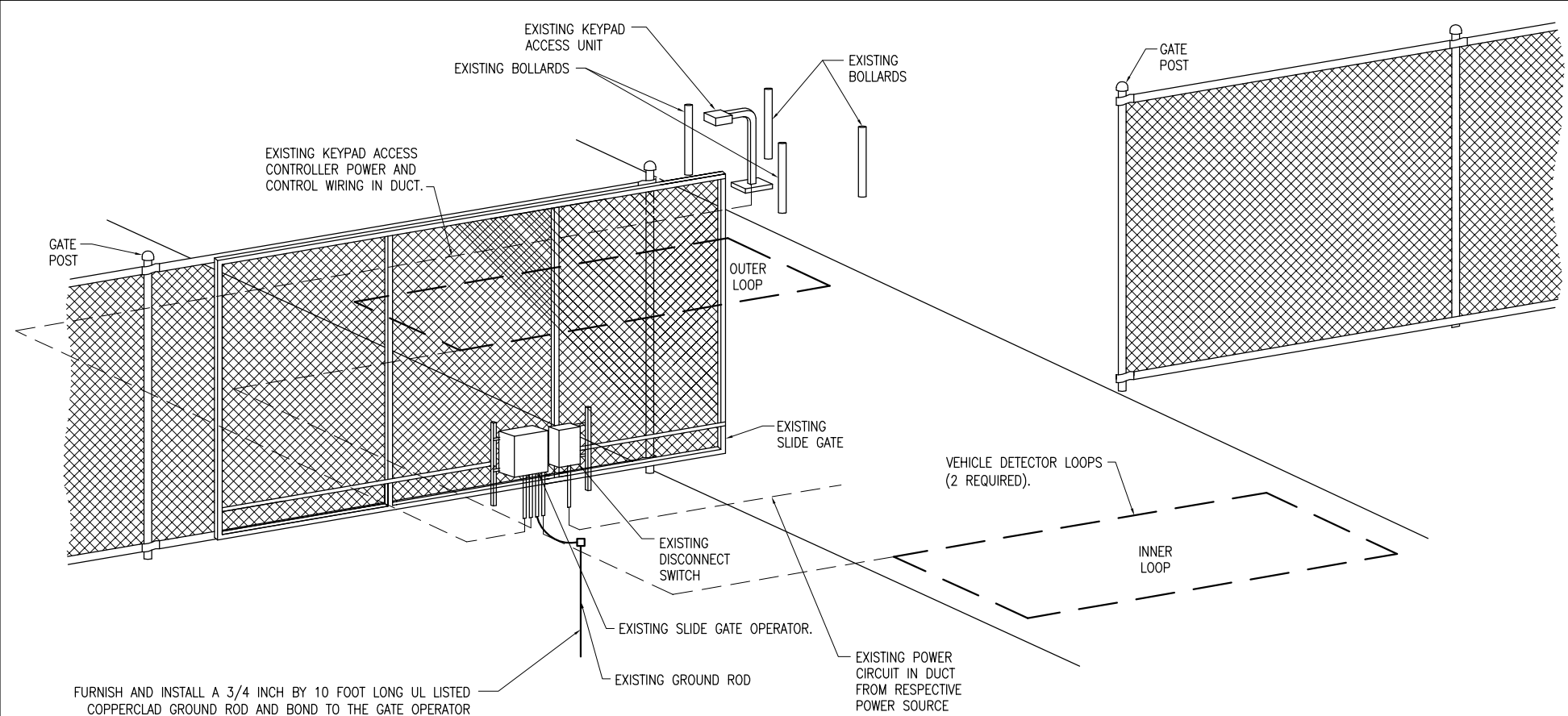
DETECTOR LOOP
DETAILS

NOTES

- ALL WORK, POWER OUTAGES, AND/OR SHUT DOWN OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE AIRPORT DIRECTOR/MANAGER. ONCE SHUT DOWN, THE CIRCUITS SHALL BE LABELED AS SUCH TO PREVENT ACCIDENTAL ENERGIZING OF THE RESPECTIVE CIRCUITS. ALL PERSONNEL SHALL FOLLOW U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) 29 CFR PART 1910 OCCUPATIONAL SAFETY & HEALTH STANDARDS FOR ELECTRICAL SAFETY AND LOCKOUT/TAGOUT PROCEDURES INCLUDING, BUT NOT LIMITED TO, 29 CFR SECTION 1910.147 THE CONTROL OF HAZARDOUS ENERGY (LOCKOUT/TAGOUT).
- CONTRACTOR SHALL EXAMINE THE SITE TO CONFIRM AND FIELD VERIFY EXISTING SITE CONDITIONS. CONTRACTOR SHALL FIELD VERIFY RESPECTIVE CIRCUITS AND POWER SOURCES PRIOR TO WORKING ON, REMOVING, DISCONNECTING, AND/OR MODIFYING THE RESPECTIVE EQUIPMENT OR DEVICE. THE WEST APRON ACCESS GATE OPERATOR LOCATED NEAR THE AIRPORT ELECTRICAL VAULT IS UNDERSTOOD TO BE POWERED FROM THE AIRPORT ELECTRICAL VAULT.
- ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70 - NATIONAL ELECTRIC CODE (NEC) MOST CURRENT ISSUE IN FORCE, THE RESPECTIVE EQUIPMENT MANUFACTURER'S DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES, AND REQUIREMENTS IN FORCE. ANY INSTALLATIONS WHICH VOID THE U.L. LISTING, INTERTEK TESTING SERVICES VERIFICATION/ETL LISTING (OR OTHER THIRD PARTY LISTING) AND/OR MANUFACTURER'S WARRANTY OF A DEVICE WILL NOT BE PERMITTED.
- CONTRACTOR SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE NFPA 70E - STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE.
- TEST EXISTING GATE OPERATOR SYSTEM IN PRESENCE OF AIRPORT MANAGER AND/OR RESIDENT ENGINEER/RESIDENT TECHNICIAN TO CONFIRM PROPER OPERATION PRIOR TO REMOVAL, MODIFICATIONS AND WORK AFFECTING THE ELECTRIC SLIDE GATE INSTALLATION. TEST AGAIN AFTER MODIFICATIONS, REPLACEMENTS, AND/OR IMPROVEMENTS ARE COMPLETED.
- EXISTING SAFETY/DETECTOR LOOPS FOR THE GATE SHALL BE REMOVED AND REPLACED WITH NEW DETECTOR LOOPS TO ACCOMMODATE THE ASSOCIATED PAVING WORK. REPLACEMENT OF DETECTOR LOOPS WILL BE PAID FOR UNDER ITEM AR162570 DETECTOR LOOP PER LUMP SUM. PAYMENT FOR REPLACEMENT OF THE DETECTOR LOOPS SHALL BE FULL COMPENSATION FOR ALL MATERIALS, EQUIPMENT, CABLE, WIRING IN CONDUIT, DUCT, OR UNIT DUCT, GROUNDING, LABOR, TOOLS, COORDINATION, TESTING, AND INCIDENTALS REQUIRED TO INSTALL THE DETECTOR LOOPS COMPLETE AND IN OPERATING CONDITION.

UTILITY NOTE

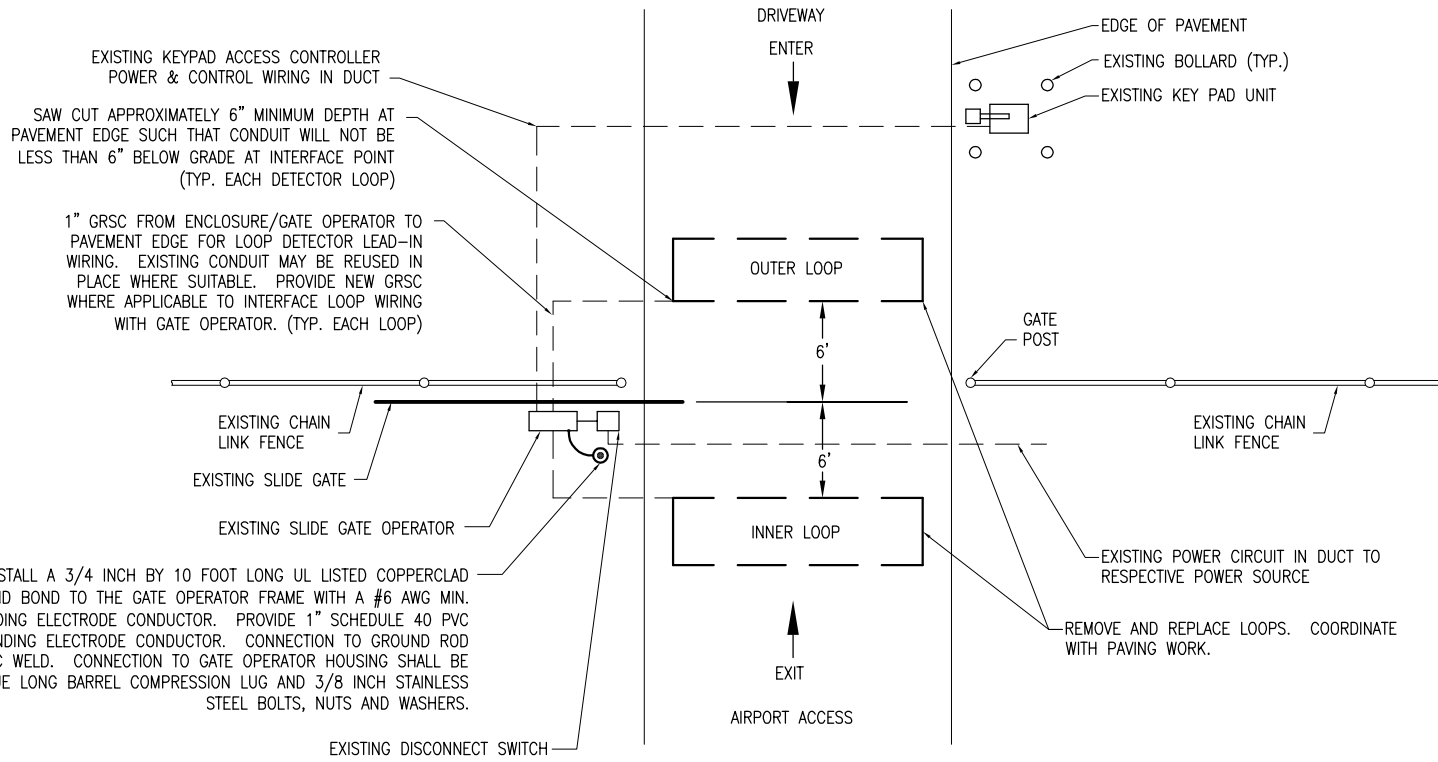
THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. **CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123.** CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.



GATE DETAIL (ISOMETRIC)
"NOT TO SCALE"

FURNISH AND INSTALL A 3/4 INCH BY 10 FOOT LONG UL LISTED COPPERCLAD GROUND ROD AND BOND TO THE GATE OPERATOR FRAME WITH A #6 AWG MIN. COPPER GROUNDING ELECTRODE CONDUCTOR. PROVIDE 1" SCHEDULE 40 PVC CONDUIT FOR GROUNDING ELECTRODE CONDUCTOR. CONNECTION TO GROUND ROD SHALL BE EXOTHERMIC WELD. CONNECTION TO GATE OPERATOR HOUSING SHALL BE WITH TWO HOLE TONGUE LONG BARREL COMPRESSION LUG AND 3/8 INCH STAINLESS STEEL BOLTS, NUTS AND WASHERS.

VEHICLE DETECTOR LOOPS		
GATE SIZE	LOOP SIZE	NO. OF TURNS
8' TO 12'	4' X 6'	3 TURNS
12' TO 16'	4' X 10'	2 TURNS
16' TO 20'	4' X 14'	2 TURNS
20' TO 24'	4' X 18'	2 TURNS
24' TO 30'	6' X 22'	2 TURNS
30' TO 34'	6' X 26'	2 TURNS



ELECTRIC GATE PLAN
"NOT TO SCALE"

FURNISH AND INSTALL A 3/4 INCH BY 10 FOOT LONG UL LISTED COPPERCLAD GROUND ROD AND BOND TO THE GATE OPERATOR FRAME WITH A #6 AWG MIN. COPPER GROUNDING ELECTRODE CONDUCTOR. PROVIDE 1" SCHEDULE 40 PVC CONDUIT FOR GROUNDING ELECTRODE CONDUCTOR. CONNECTION TO GROUND ROD SHALL BE EXOTHERMIC WELD. CONNECTION TO GATE OPERATOR HOUSING SHALL BE WITH TWO HOLE TONGUE LONG BARREL COMPRESSION LUG AND 3/8 INCH STAINLESS STEEL BOLTS, NUTS AND WASHERS.

**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

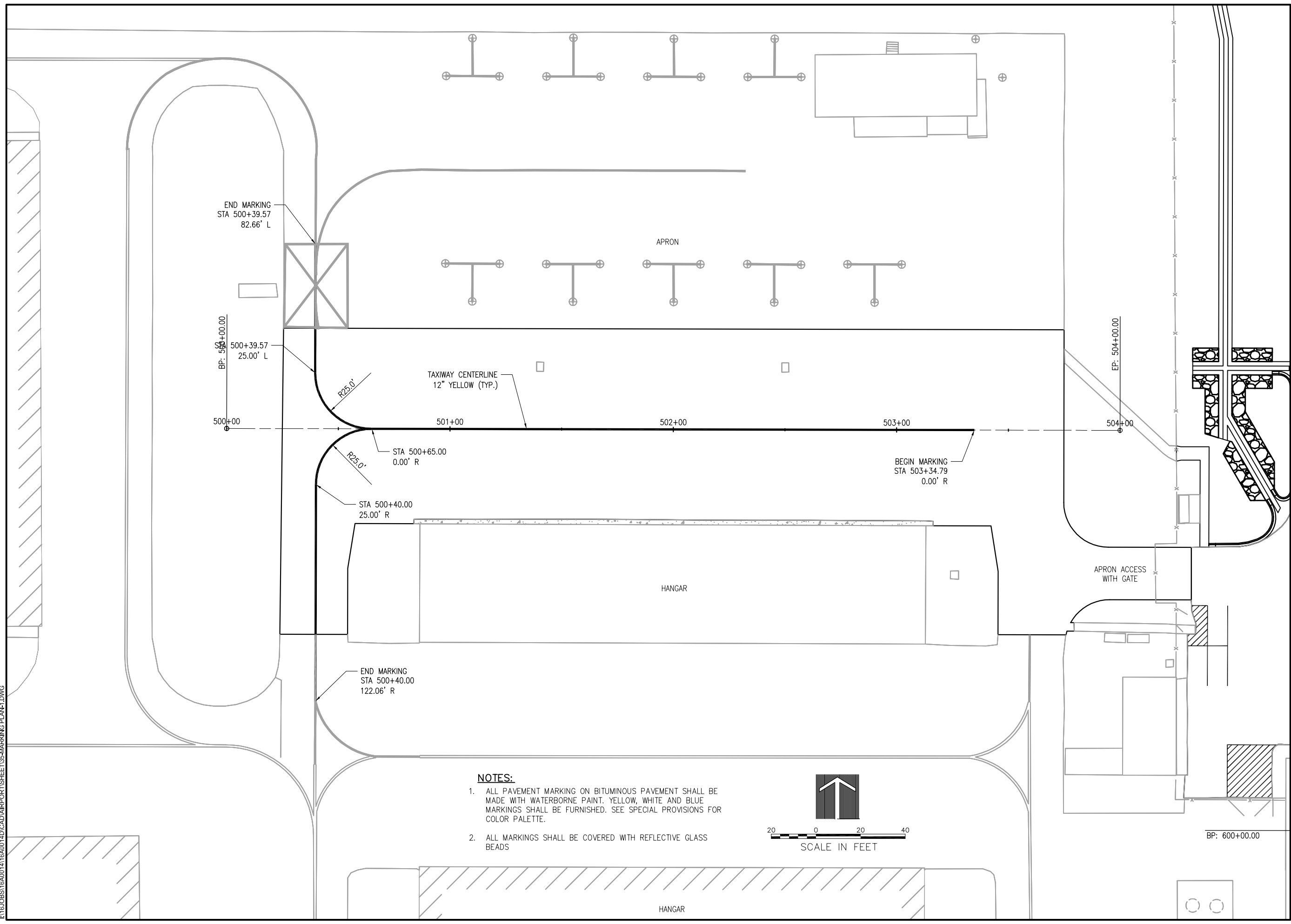
NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 35-MARKING PLAN-1.DWG
LAYOUT BY: LDH 9/8/2016
DRAWN BY: LDH 9/8/2016
REVIEWED BY: SJM 11/30/16

SHEET TITLE

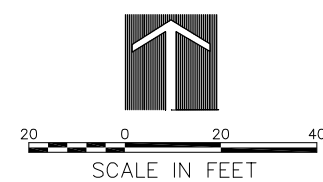
MARKING PLAN-1

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NOTES:

1. ALL PAVEMENT MARKING ON BITUMINOUS PAVEMENT SHALL BE MADE WITH WATERBORNE PAINT. YELLOW, WHITE AND BLUE MARKINGS SHALL BE FURNISHED. SEE SPECIAL PROVISIONS FOR COLOR PALETTE.
2. ALL MARKINGS SHALL BE COVERED WITH REFLECTIVE GLASS BEADS



**REHABILITATE
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3-17-SBGP-120
3-17-SBGP-133

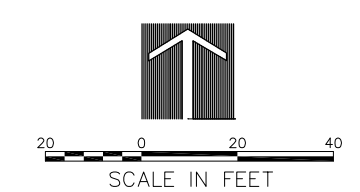
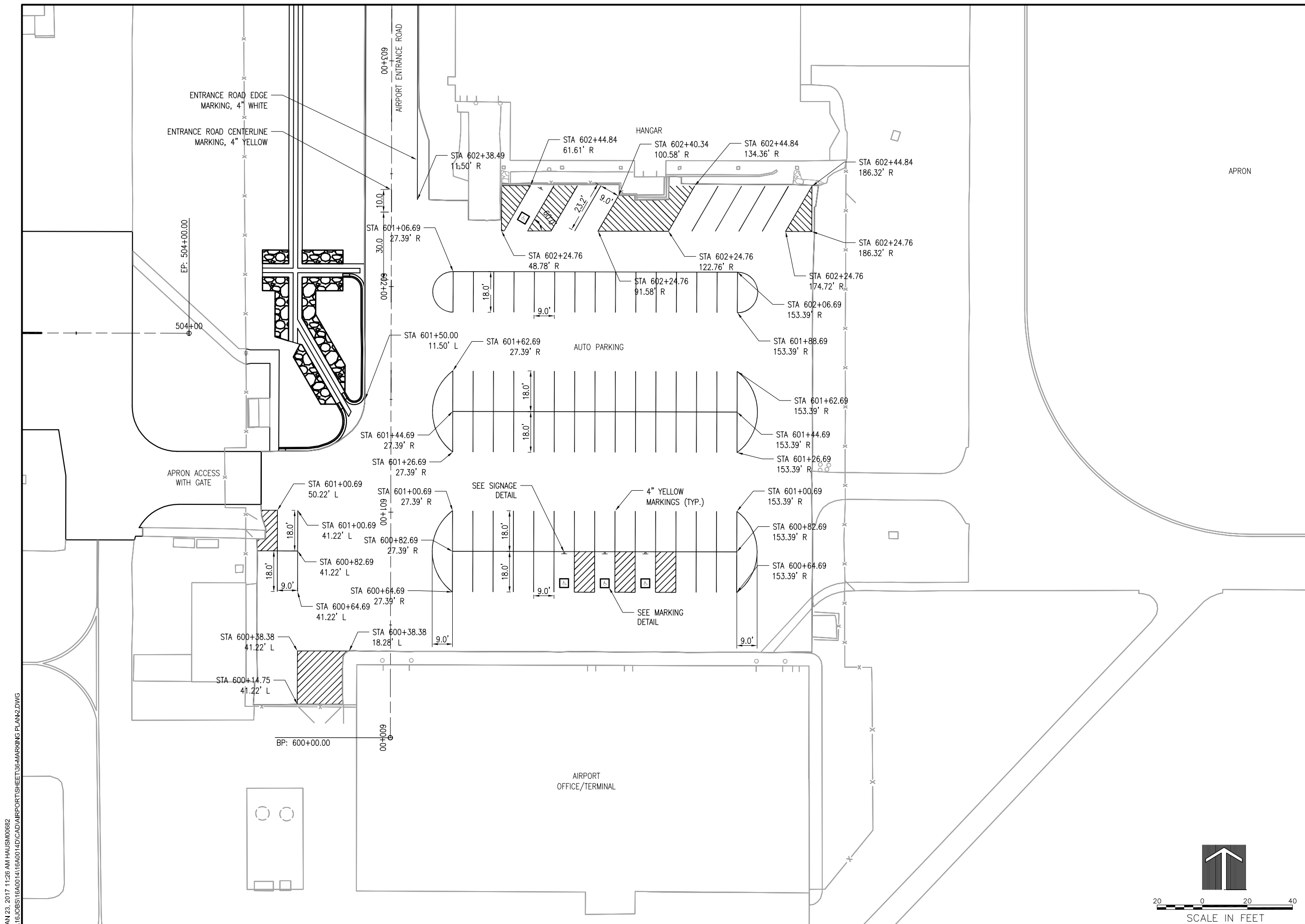
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 36-MARKING PLAN-2.DWG
LAYOUT BY: LDH 9/8/2016
DRAWN BY: LDH 9/8/2016
REVIEWED BY: SJM 11/30/16

SHEET TITLE

MARKING PLAN-2



JAN 23, 2017 11:26 AM HAUSM00682
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**REHABILITATE
T-HANGAR
PAVEMENTS, MAIN
ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

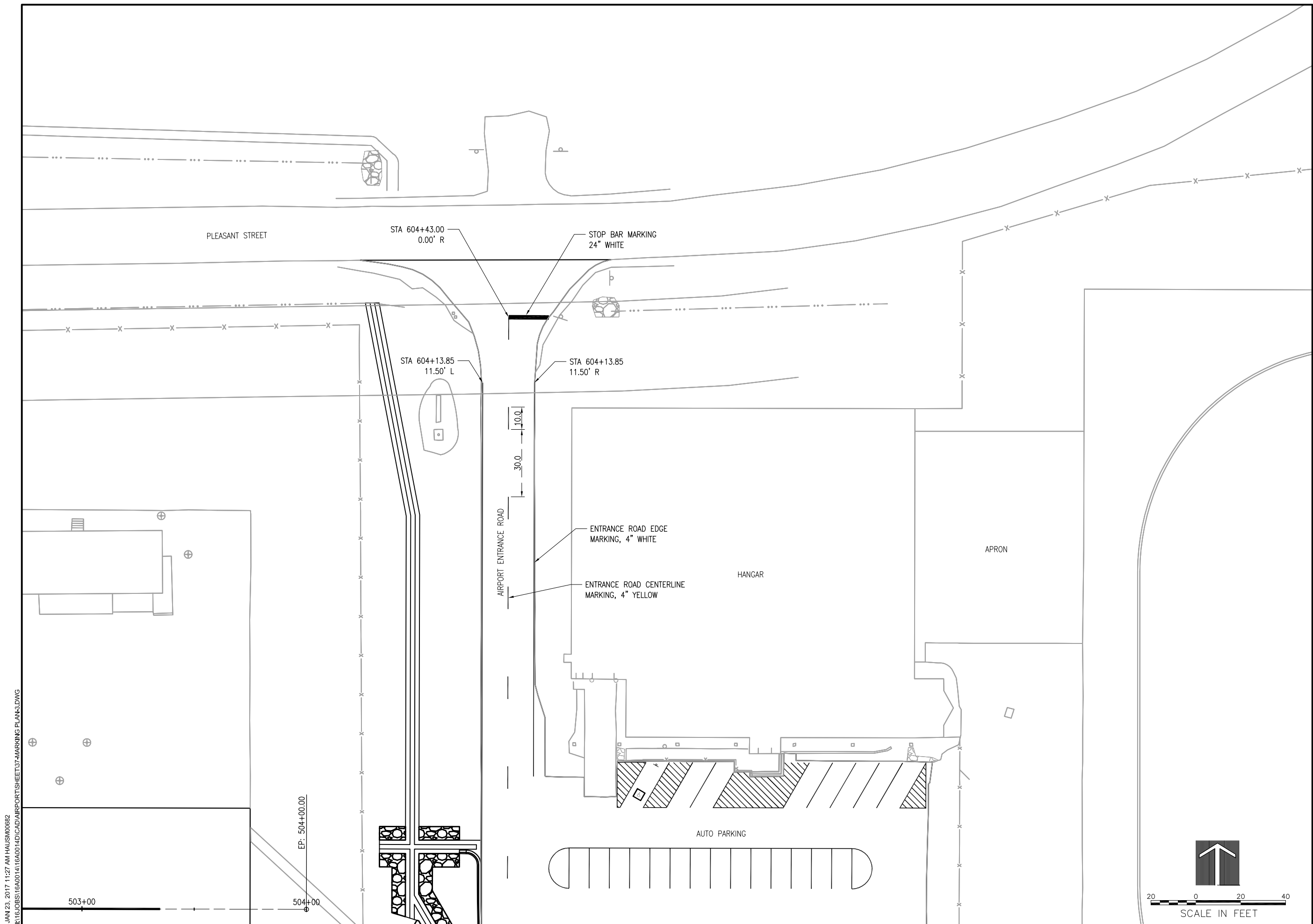
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

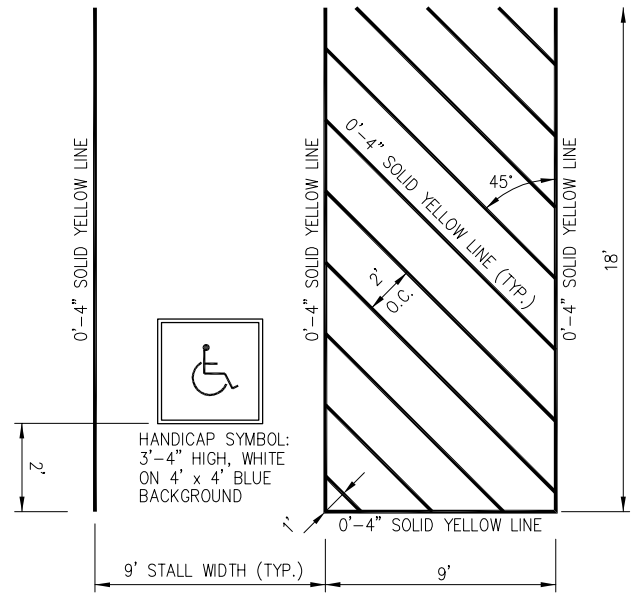
ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 37-MARKING PLAN-3.DWG
LAYOUT BY: LDH 9/8/2016
DRAWN BY: LDH 9/8/2016
REVIEWED BY: SJM 11/30/16

SHEET TITLE

MARKING PLAN-3



JAN 23, 2017 11:27 AM HAUSM00682
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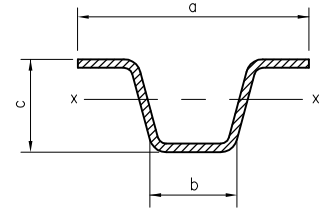
ACCESSIBLE SPACE DETAIL

MARKING NOTES:

1. ALL WHITE AND YELLOW PAVEMENT MARKINGS TO INCLUDE REFLECTIVE GLASS SPHERES.
2. ALL MARKINGS TO BE WATERBORNE PAINT.
3. DIMENSIONS GIVEN TO CENTERLINE OF MARKING.

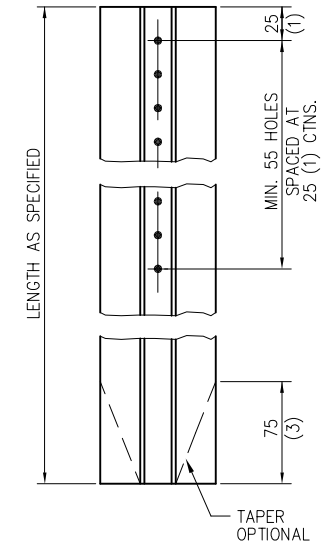
NOTES:

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

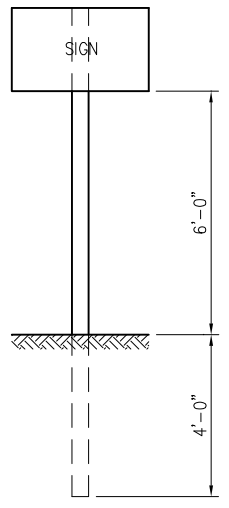


SECTION

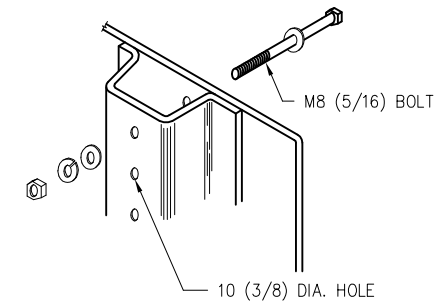
	a	b	c	S_x-x mm ³ (in. ³)	kg/m (lbs./ft.)
TYPE B	STEEL (3 3/16)	32 (1 1/4)	38 (1 1/2)	5,588 (0.341)	4.46 (3.00)
	ALUMINUM	118 (4 5/8)	57 (2 1/4)	60 (2 3/8)	14,552 (0.888)



TYPE B



ONE POST INSTALLATION



NOTE: MINIMUM OF 2 BOLTS PER POST REQUIRED
DETAIL OF MOUNTING SIGN TO POST

ROADWAY SIGN POST

(IDOT STANDARD 720011, 720006, & 729001)

DETAILS SHOWN ARE NOT TO SCALE

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IDA No: DKB-4431

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3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 38-PARKING LOT DET.DWG
LAYOUT BY: LDH 10/20/16
DRAWN BY: LDH 10/20/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

PARKING LOT
DETAILS

**REHABILITATE
T-HANGAR
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ENTRANCE ROAD AND
AUTO PARKING LOT**

IDA No: DKB-4431
SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

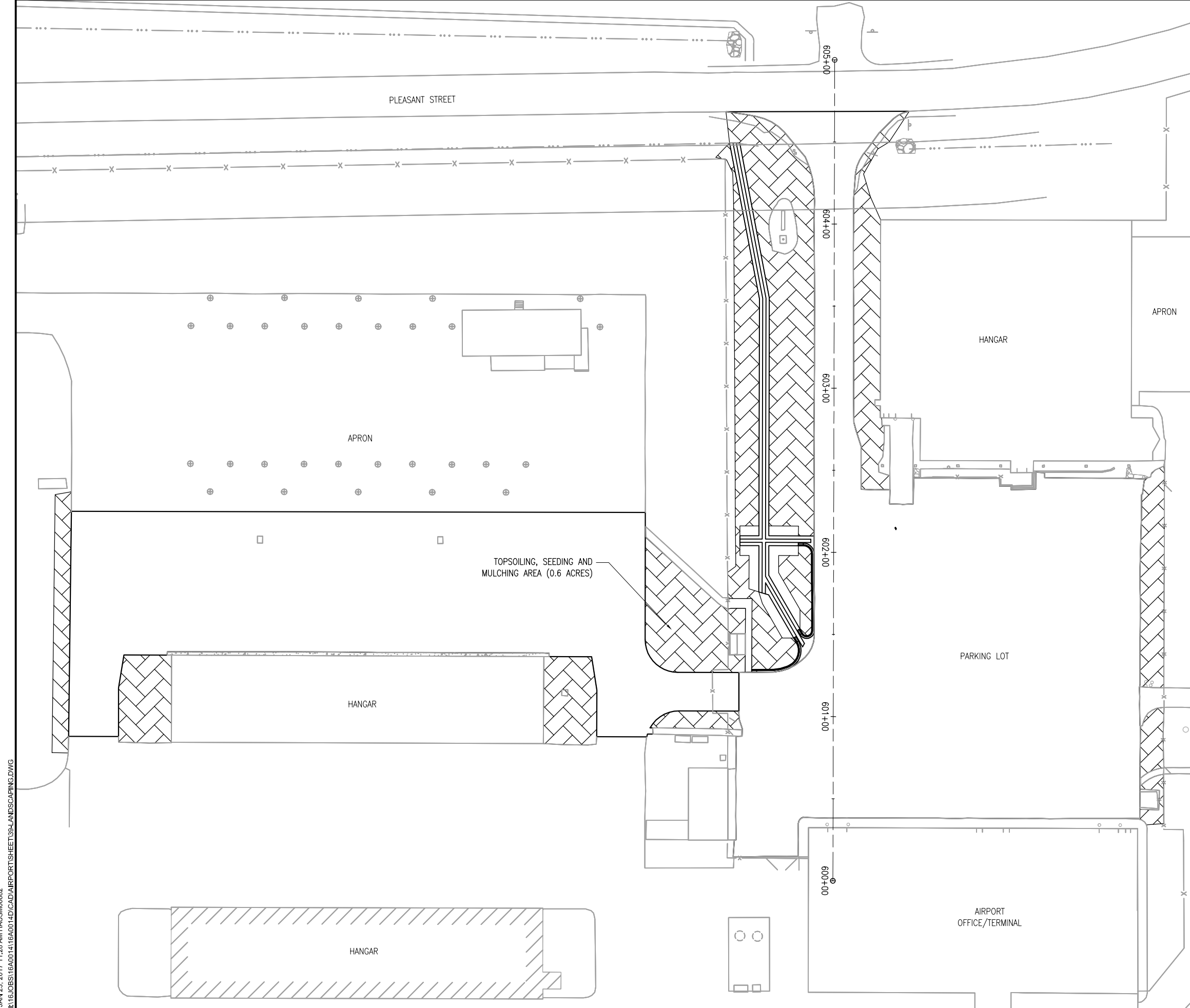
Contract No. DK058

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 39-LANDSCAPING.DWG
LAYOUT BY: LDH 10/19/16
DRAWN BY: LDH 10/19/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

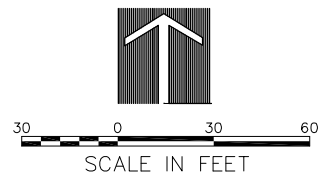
**LANDSCAPING
PLAN**



NOTES:

THE CONTRACTOR SHALL LIMIT THE ACREAGE OF DISTURBED GROUND TO ONLY THAT NECESSARY FOR THE CONDUCT OF AN EFFICIENT CONSTRUCTION PROCESS WITHOUT OVER-EXPOSING NON-VEGETATED AREAS. ANY DISTURBED AREA OF CONSTRUCTION THAT WILL NOT BE REWORKED FOR A PERIOD LONGER THAN 14 DAYS MUST BE SEED OR MULCHED, WITH EITHER PERMANENT SEEDING, OR TEMPORARY SEEDING AND MULCHING, ITEM AR156533, AFTER APPROVAL BY THE RESIDENT ENGINEER OF THIS PROPOSED ACTION. THE CONTRACTOR SHALL MAKE BEST EFFORT TO REDUCE THE NEED FOR TEMPORARY COVERING BY SCHEDULING HIS EARTHWORK ACTIVITIES IN A PROPER SEQUENCE AND APPLY PERMANENT COVERING AT THE EARLIEST POSSIBLE DATE, WITHIN 14 DAYS, AFTER REACHING FINAL GRADE. OUTSIDE THE REGULAR PLANTING SEASON, TEMPORARY SEED AND MULCH SHALL BE PLACED AS STATED HERE. HOWEVER, NO PAYMENT FOR TEMPORARY SEEDING AND MULCHING WILL BE MADE IF THE TIME OF APPLICATION IS WITHIN THE REGULAR PLANTING SEASON(S) STATED IN THE SPECIAL PROVISIONS. DURING THE REGULAR PLANTING SEASON(S), ONLY PERMANENT COVERING SHALL BE PAID.

THE QUANTITIES SHOWN INCLUDE THE ESTIMATED TEMPORARY SEEDING AND MULCHING, ITEM AR156533, THAT MAY BE PLACED OUTSIDE THE REGULAR PLANTING SEASON. TEMPORARY SEEDING AND MULCHING PLACED DURING THE REGULAR PLANTING SEASON IS INCIDENTAL TO THE CONTRACT.



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**REHABILITATE
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PAVEMENTS, MAIN
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AUTO PARKING LOT**

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
3-17-SBGP-120
3-17-SBGP-133

Contract No. DK058

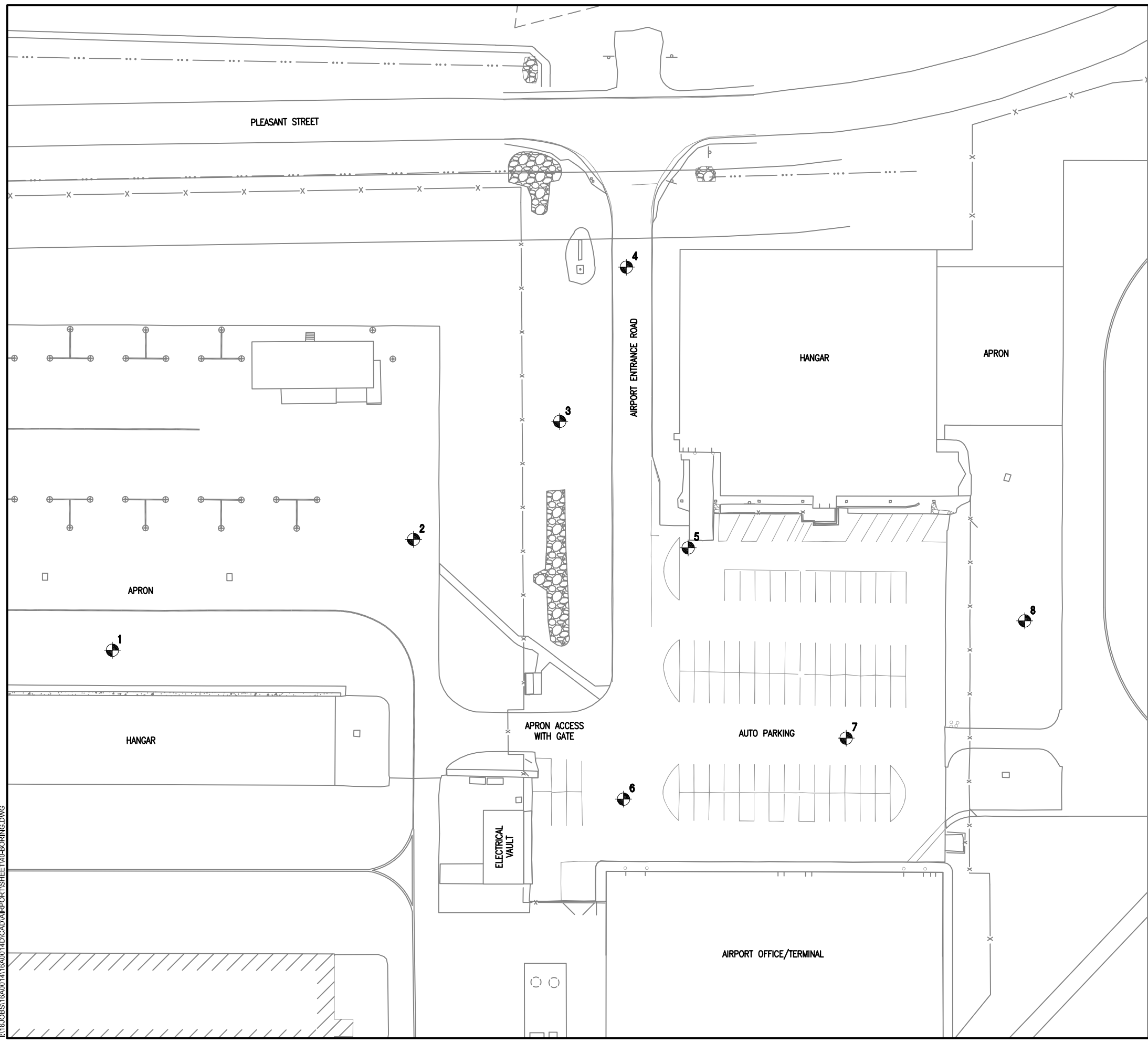
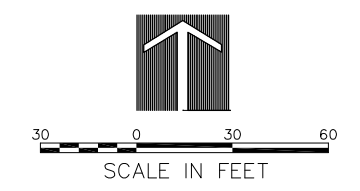
NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
PROJECT NO: 16A0014D
CAD FILE: 40-BORING.DWG
LAYOUT BY: LDH 10/19/16
DRAWN BY: LDH 10/19/16
REVIEWED BY: SJM 11/30/16

SHEET TITLE

**BORING
LOCATION PLAN**

Boring Number	Northing	Easting	Elevation
1	1918073.28	881408.18	909.95
2	1918139.29	881587.40	909.14
3	1918209.51	881674.40	901.35
4	1918301.29	881714.08	903.16
5	1918134.24	881750.87	905.48
6	1917984.68	881712.34	907.77
7	1918020.97	881844.91	906.51
8	1918090.77	881951.20	905.1



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BORING LOG B-01												
SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
wawang@wawang.com WEI Job No.: 410-23-01 Datum: NAD 83 1145 N Main Street Client: Hanson Professional Services, Inc. Elevation: 909.95 ft Lombard, IL 60148 North: 1918073.28 ft Telephone: 630 953-9928 Project: DeKalb-Taylor Municipal Airport East: 881408.18 ft Fax: 630 953-9936 Location: DeKalb County, Illinois Station: NA Offset: NA												
8-inch thick, ASPHALT	--PAVEMENT--											
GRAVEL <<R>>	--BASE COURSE--											
Stiff, brown and gray LEAN CLAY (CL)	--FILL--		1	2	1.58	28						
Medium stiff, yellowish brown SANDY SILTY CLAY (CL-ML)			2	3	0.82	20						
Loose, brown SILT (ML); moist			3	3		22						
Medium stiff (0.82B), brown SILTY CLAY (CL-ML)			4	3		21						
Loose, brown to gray SILT (ML); wet			5	2		21						
Very loose, brown and gray SILT with SAND (ML); wet			6	1		18						
Very soft, gray SILTY CLAY (CL-ML)	--fine sand lenses; wet--		7	2	0.08	21						
Boring terminated at 17.50 ft												
GENERAL NOTES						WATER LEVEL DATA						
Begin Drilling 09-26-2016 Complete Drilling 09-26-2016						While Drilling <input checked="" type="checkbox"/> DRY						
Drilling Contractor Wang Testing Services Drill Rig TMR CME-55						At Completion of Drilling <input checked="" type="checkbox"/> DRY						
Driller N & J Logger J. Rowells Checked by C. Marin						Time After Drilling NA						
Drilling Method 2.25" ID HSA; boring backfilled upon completion						Depth to Water <input checked="" type="checkbox"/> NA						
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.												

BORING LOG B-03												
SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
wawang@wawang.com WEI Job No.: 410-23-01 Datum: NAD 83 1145 N Main Street Client: Hanson Professional Services, Inc. Elevation: 901.35 ft Lombard, IL 60148 North: 1918209.51 ft Telephone: 630 953-9928 Project: DeKalb-Taylor Municipal Airport East: 881674.40 ft Fax: 630 953-9936 Location: DeKalb County, Illinois Station: NA Offset: NA												
7-inch thick, dark brown SILTY CLAY (CL-ML)	--TOPSOIL--											
Very stiff, black and brown LEAN CLAY with SAND (CL)	--FILL--		1	3	2.00	27						
Medium stiff, light gray LEAN CLAY (CL)			2	2	0.57	28						
Medium stiff, brown and gray SANDY SILTY CLAY (CL-ML)	--LI(X)=24, PL(X)=19-- --XGravel=1.5-- --XSand=32.6-- --XSilt=53.0-- --XClay=12.9--		3	3	0.57	24						
Reddish brown SILT (ML); moist			4	5		14						
Medium dense, brown poorly-graded SAND (SP); saturated			5	8		10						
Boring terminated at 10.00 ft												
GENERAL NOTES						WATER LEVEL DATA						
Begin Drilling 09-26-2016 Complete Drilling 09-26-2016						While Drilling <input checked="" type="checkbox"/> 9.00 ft						
Drilling Contractor Wang Testing Services Drill Rig TMR CME-55						At Completion of Drilling <input checked="" type="checkbox"/> 10.00 ft						
Driller N & J Logger J. Rowells Checked by C. Marin						Time After Drilling NA						
Drilling Method 2.25" ID HSA; boring backfilled upon completion						Depth to Water <input checked="" type="checkbox"/> NA						
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.												

BORING LOG B-02												
SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
wawang@wawang.com WEI Job No.: 410-23-01 Datum: NAD 83 1145 N Main Street Client: Hanson Professional Services, Inc. Elevation: 909.14 ft Lombard, IL 60148 North: 1918139.29 ft Telephone: 630 953-9928 Project: DeKalb-Taylor Municipal Airport East: 881587.40 ft Fax: 630 953-9936 Location: DeKalb County, Illinois Station: NA Offset: NA												
9-inch thick, ASPHALT	--PAVEMENT--											
Stiff, brown and gray LEAN CLAY with SAND, trace glass fragments (CL)	--FILL--		1	5	1.64	11						
--thin sand lenses; moist-- --LI(X)=45, PL(X)=20-- --XGravel=1.3-- --XSand=14.4-- --XSilt=52.9-- --XClay=31.4--			2	3	1.31	20						
Loose, brown SILT (ML); moist			3	3		18						
Loose, brown and gray SANDY SILTY CLAY (CL-ML); wet			4	3		21						
Boring terminated at 10.00 ft												
GENERAL NOTES						WATER LEVEL DATA						
Begin Drilling 09-26-2016 Complete Drilling 09-26-2016						While Drilling <input checked="" type="checkbox"/> DRY						
Drilling Contractor Wang Testing Services Drill Rig TMR CME-55						At Completion of Drilling <input checked="" type="checkbox"/> DRY						
Driller N & J Logger J. Rowells Checked by C. Marin						Time After Drilling NA						
Drilling Method 2.25" ID HSA; boring backfilled upon completion						Depth to Water <input checked="" type="checkbox"/> NA						
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.												

BORING LOG B-04												
SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION		Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
wawang@wawang.com WEI Job No.: 410-23-01 Datum: NAD 83 1145 N Main Street Client: Hanson Professional Services, Inc. Elevation: 903.16 ft Lombard, IL 60148 North: 1918301.29 ft Telephone: 630 953-9928 Project: DeKalb-Taylor Municipal Airport East: 881714.03 ft Fax: 630 953-9936 Location: DeKalb County, Illinois Station: NA Offset: NA												
7-inch thick, ASPHALT	--PAVEMENT--											
Very stiff, black, brown, and gray LEAN CLAY (CL)	--FILL--		1	4	2.30	23						
--trace wood fragments--			2	4	3.85	23						
Medium stiff, gray LEAN CLAY (CL)			3	3	2.87	28						
Medium stiff, gray LEAN CLAY (CL)			4	2	0.50	31						
Stiff, pinkish brown SANDY LEAN CLAY (CL)			5	3	1.72	16						
Boring terminated at 12.50 ft												
GENERAL NOTES						WATER LEVEL DATA						
Begin Drilling 09-26-2016 Complete Drilling 09-26-2016						While Drilling <input checked="" type="checkbox"/> DRY						
Drilling Contractor Wang Testing Services Drill Rig TMR CME-55						At Completion of Drilling <input checked="" type="checkbox"/> DRY						
Driller N & J Logger J. Rowells Checked by C. Marin						Time After Drilling NA						
Drilling Method 2.25" ID HSA; boring backfilled upon completion						Depth to Water <input checked="" type="checkbox"/> NA						
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.												



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 1525 S. 6th Street
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 fax: 217-788-2503

Illinois Licensed
 Professional Service Corporation
 #184-001084



DeKalb Taylor Municipal Airport
 3232 Pleasant Street
 DeKalb, IL 60115

REHABILITATE
 T-HANGAR
 PAVEMENTS, MAIN
 ENTRANCE ROAD AND
 AUTO PARKING LOT

IDA No: DKB-4431

SBG Nos.: 3-17-SBGP-111
 3-17-SBGP-120
 3-17-SBGP-133

Contract No. DK058

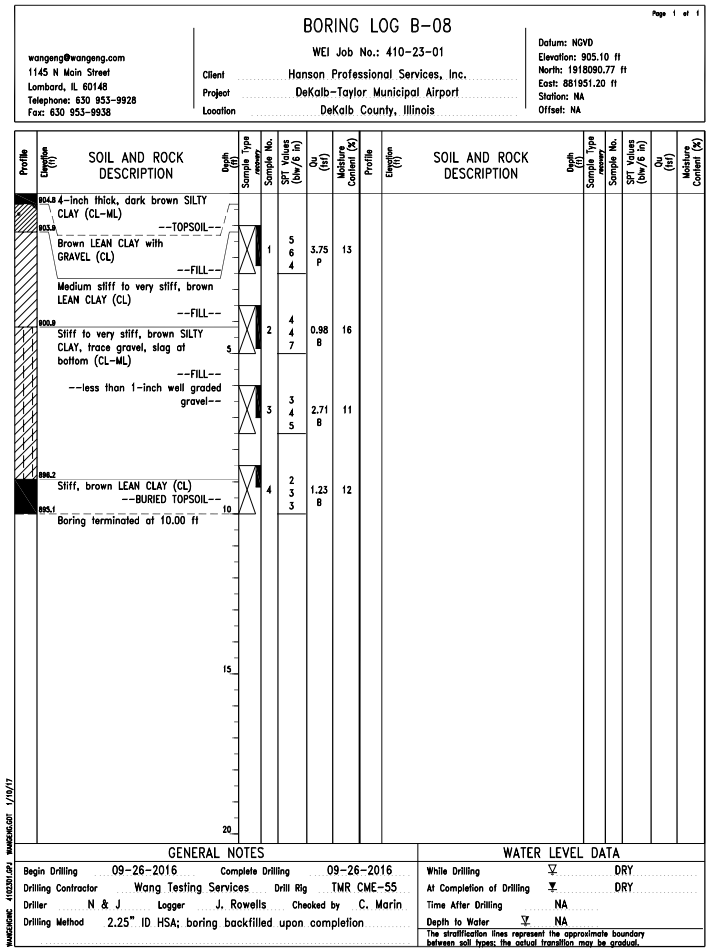
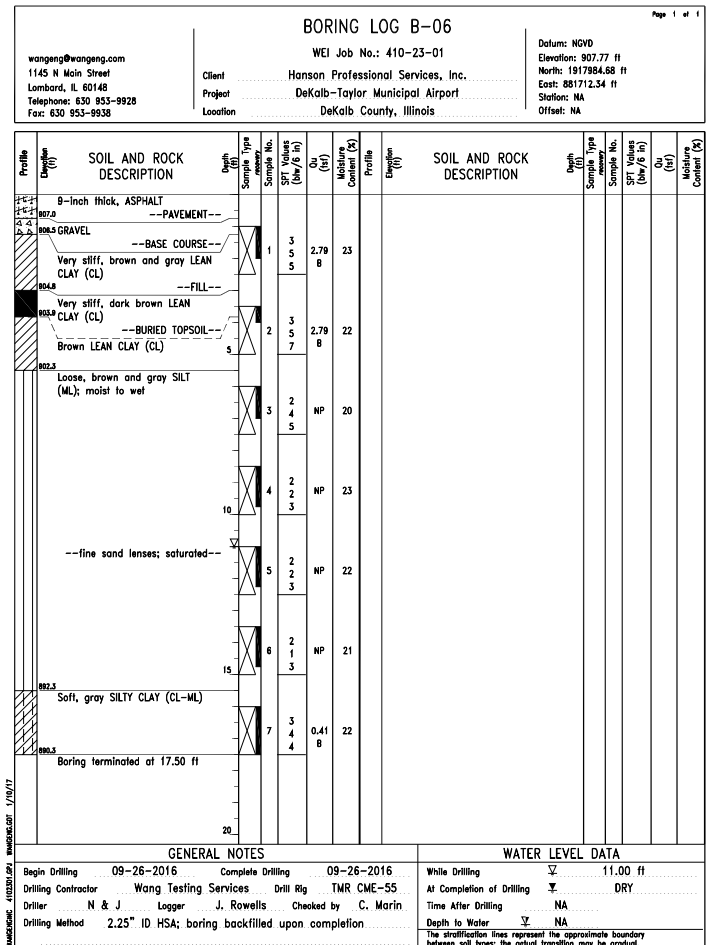
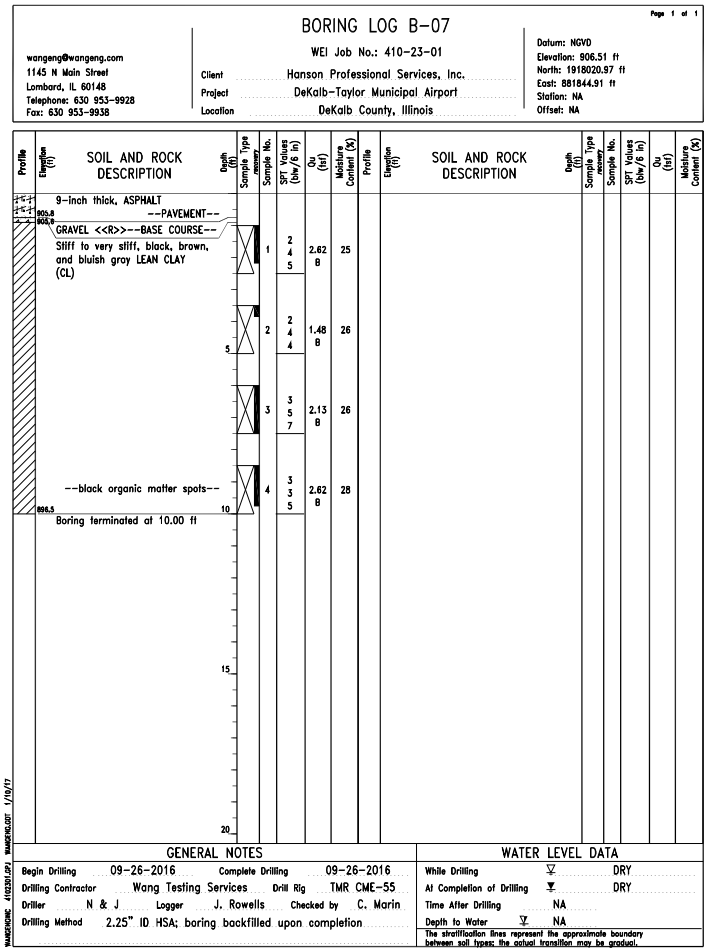
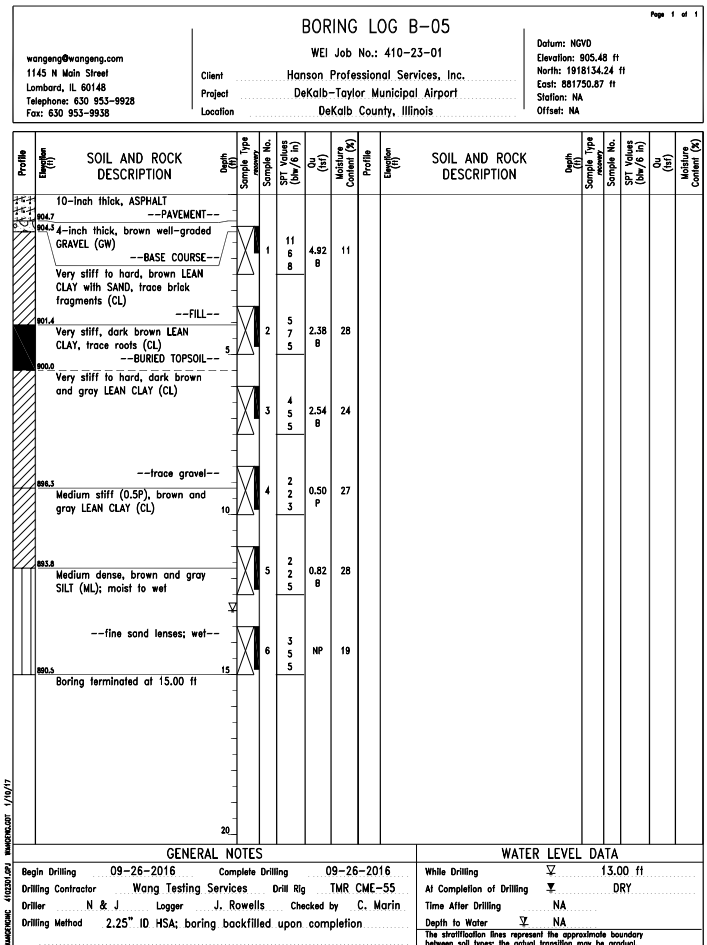
NO.	DATE	DESCRIPTION
		LAY
		DWN
		REV

ISSUE: January 6, 2017
 PROJECT NO: 16A0014D
 CAD FILE: 41-B1-B4.DWG
 LAYOUT BY: LDH 11/8/16
 DRAWN BY: LDH 11/8/16
 REVIEWED BY: SJM 11/30/16

SHEET TITLE

BORING LOGS
 B-1 THRU B-4

JAN 23, 2017 11:29 AM HAUSM00682
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NO.	DATE	DESCRIPTION		
		LAY	DWN	REV

ISSUE: January 6, 2017
 PROJECT NO: 16A0014D
 CAD FILE: 42-85-B8.DWG
 LAYOUT BY: LDH 11/8/16
 DRAWN BY: LDH 11/8/16
 REVIEWED BY: SJM 11/30/16

SHEET TITLE

BORING LOGS
 B-5 THRU B-8