

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. 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 ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

CONCRETE SURFACE CLEANING

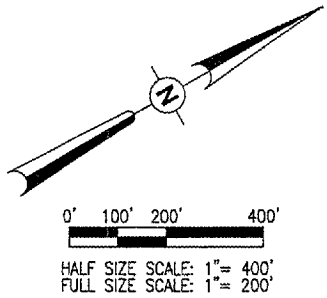
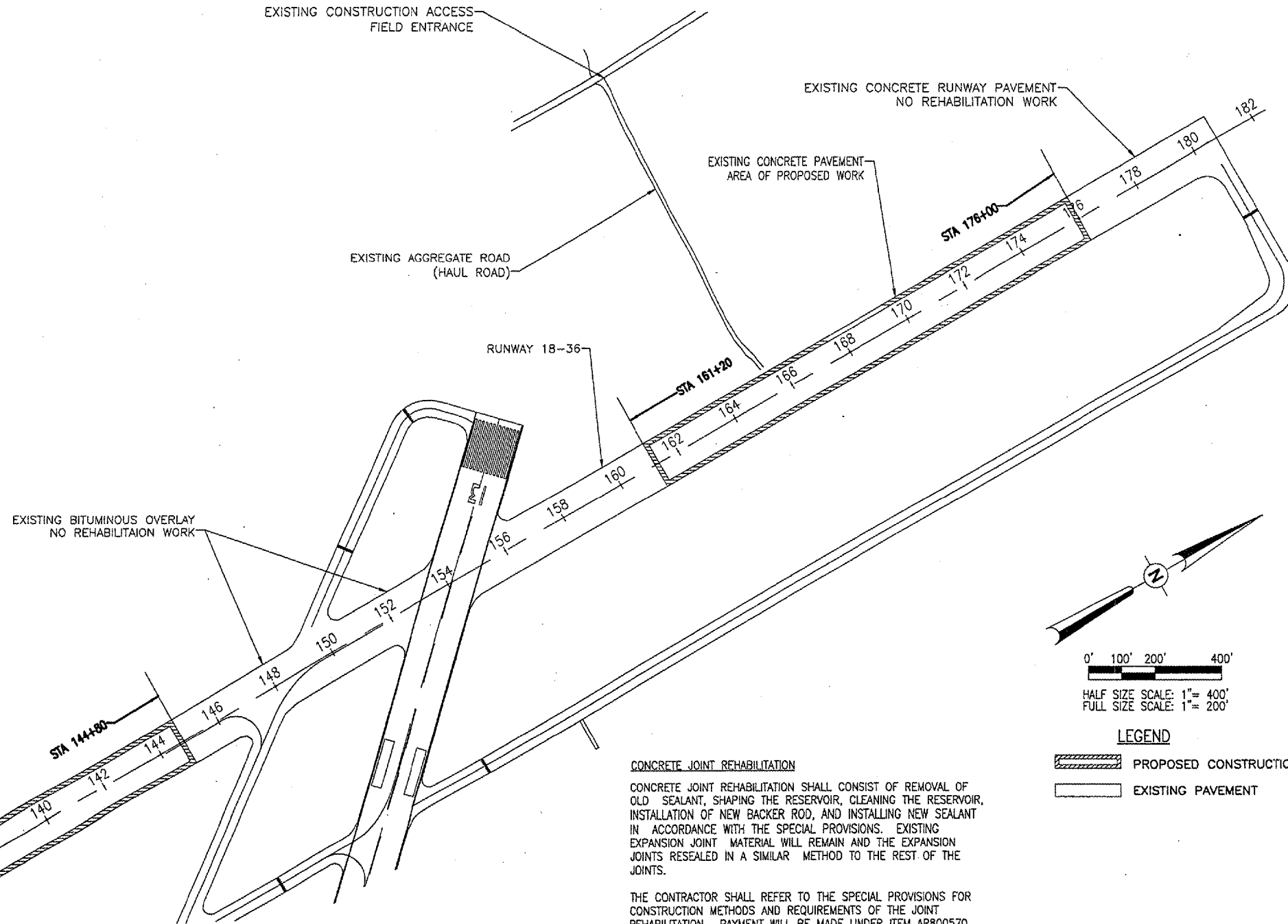
CONCRETE SURFACE CLEANING SHALL CONSIST OF THE REMOVAL OF OLD JOINT SEALANT FROM THE CONCRETE SURFACE ADJACENT TO SOME OF THE EXISTING JOINTS USING A SANDBLASTING OPERATION IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THESE LOCATIONS ARE NOT UNIFORM AND ARE APPROXIMATELY THREE INCHES WIDE ON EITHER SIDE OF THE EXISTING JOINT.

PAYMENT WILL BE MADE UNDER ITEM AR800571 CONCRETE SURFACE CLEANING PER LINEAR FOOT.

SURFACE POPOUT REPAIR

SURFACE POPOUT REPAIR SHALL CONSIST OF THE CLEANING AND FILLING OF SMALL HOLES OR CAVITIES IN THE CONCRETE SURFACE THAT HAVE RESULTED FROM ENTRAPMENT OF AIR BUBBLES, UNSOUND AGGREGATE OR A CONTAMINATING MATERIAL SUCH AS MUD, WOOD OR GLASS. REPAIR METHODS SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE HOLES TYPICALLY DO NOT EXCEED 3/4 INCH IN DIAMETER AND ARE LOCATED SPORADICALLY THROUGHOUT THE PROJECT LIMITS.

PAYMENT WILL BE MADE UNDER ITEM AR800572 SURFACE POPOUT REPAIR PER EACH.



LEGEND

	PROPOSED CONSTRUCTION LIMITS
	EXISTING PAVEMENT

CONCRETE JOINT REHABILITATION
 CONCRETE JOINT REHABILITATION SHALL CONSIST OF REMOVAL OF OLD SEALANT, SHAPING THE RESERVOIR, CLEANING THE RESERVOIR, INSTALLATION OF NEW BACKER ROD, AND INSTALLING NEW SEALANT IN ACCORDANCE WITH THE SPECIAL PROVISIONS. EXISTING EXPANSION JOINT MATERIAL WILL REMAIN AND THE EXPANSION JOINTS RESEALED IN A SIMILAR METHOD TO THE REST OF THE JOINTS.

THE CONTRACTOR SHALL REFER TO THE SPECIAL PROVISIONS FOR CONSTRUCTION METHODS AND REQUIREMENTS OF THE JOINT REHABILITATION. PAYMENT WILL BE MADE UNDER ITEM AR800570 CONCRETE JOINT REHABILITATION PER LINEAR FOOT.

FULL DEPTH SPALL REPAIR
 REPAIR OF EXISTING SLABS THAT BEGAN AS PARTIAL DEPTH REPAIR BUT WERE FOUND TO HAVE SPALLING OR CRACKS DEEPER THAN FOUR INCHES AND A PARTIAL-DEPTH REPAIR WAS NOT ADEQUATE SHALL BE ESCALATED TO A FULL DEPTH REPAIR AS DESCRIBED IN THE SPECIAL PROVISIONS. FULL-DEPTH REPAIRS WILL REQUIRE ADDITIONAL SAWING AND THE REMOVAL AND REPLACEMENT OF PORTIONS OF CONCRETE SLABS TO THE BOTTOM OF THE PAVEMENT TO RESTORE THE DETERIORATED AREAS. THE DETERIORATED CONCRETE WILL BE REMOVED, THE PATCH AREA PREPARED, LOAD TRANSFER DOWELS INSTALLED, PATCH MATERIAL PLACED AND THE JOINT SYSTEM REFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE EXTENT OF THE DETERIORATION WILL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AND THE RESIDENT ENGINEER.

THE CONTRACTOR SHALL REFER TO THE SPECIAL PROVISIONS FOR CONSTRUCTION METHODS AND REQUIREMENTS OF THE FULL DEPTH SPALL REPAIR. PAVEMENT AREAS THAT REQUIRE FULL DEPTH SPALL REPAIR SHALL BE PAID UNDER ITEM AR800568 FULL DEPTH SPALL REPAIR PER SQUARE FOOT.

PAVEMENT REMOVAL & REPLACEMENT
 PAVEMENT REMOVAL AND REPLACEMENT SHALL CONSIST OF THE REMOVAL AND REPLACEMENT OF SHATTERED SLABS, PAVEMENT SLABS THAT HAVE STRUCTURAL FAILURE, JOINT DETERIORATION, CORNER BREAKS, AND RANDOM TRANSVERSE OR LONGITUDINAL CRACKS THAT EXTEND THROUGH THE DEPTH OF THE CONCRETE PAVEMENT. THE PAVEMENTS SHALL BE REMOVED FULL-DEPTH AND REPLACED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE REPAIR METHOD WILL REQUIRE REMOVAL AND REPLACING COMPLETE AND PORTIONS OF CONCRETE SLABS TO THE BOTTOM OF THE PAVEMENT TO RESTORE THE DETERIORATED AREAS. THE DETERIORATED CONCRETE WILL BE REMOVED, THE PATCH AREA PREPARED, PATCH MATERIAL PLACED, DOWELS INSTALLED AND THE JOINT SYSTEM WILL BE REFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RESIDENT ENGINEER WILL IDENTIFY THE PAVEMENTS REQUIRING REMOVAL AND REPLACEMENT IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.

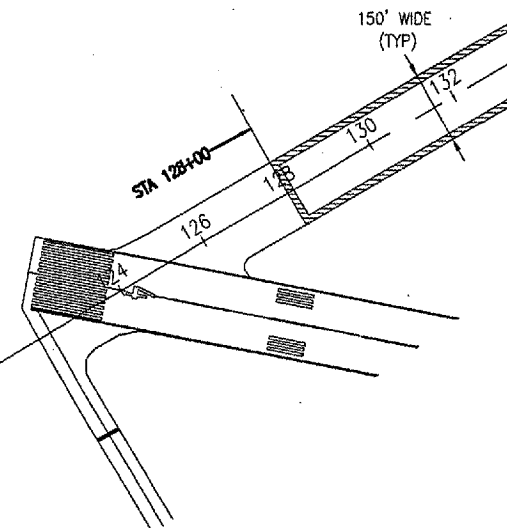
THE CONTRACTOR SHALL REFER TO THE SPECIAL PROVISIONS FOR CONSTRUCTION METHODS AND REQUIREMENTS OF THE PAVEMENT REMOVAL AND REPLACEMENT. THESE PAVEMENT AREAS SHALL BE PAID UNDER ITEM AR800569 PAVEMENT REMOVAL & REPLACEMENT PER SQUARE YARD.

PARTIAL DEPTH SPALL REPAIR
 PARTIAL DEPTH REPAIR SHALL CONSIST OF THE REPAIR OF MINOR CRACKS AND SPALLING AT SLAB CORNERS AND JOINTS IN THE CONCRETE PAVEMENT. THIS METHOD WILL BE USED WHERE THE SPALLING OR CRACK IS LOCALIZED TO THE UPPER ONE-THIRD TO ONE-HALF OF THE CONCRETE THICKNESS. THE DETERIORATED CONCRETE WILL BE REMOVED, THE PATCH AREA CLEANED, PATCH MATERIAL PLACED AND THE JOINT SYSTEM WILL BE REFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

THE RESIDENT ENGINEER, WITH THE ASSISTANCE OF THE CONTRACTOR, WILL IDENTIFY WHAT THEY BELIEVE TO BE PARTIAL DEPTH SPALL REPAIR AREAS USING VISUAL INSPECTION AND SOUNDING TECHNIQUES. THE RESIDENT ENGINEER WILL LAYOUT THE REPAIR LIMITS BY PAINTING A SQUARE OR TRIANGULAR BOUNDARY OF THE AREA TO BE REPAIRED.

THE EXTENT OF THE DETERIORATION WILL BE DETERMINED IN THE FIELD BY THE CONTRACTOR AND THE RESIDENT ENGINEER. DURING THE REPAIR PROCEDURE, IF DETERIORATION DEPTH OF AN AREA IS FOUND TO EXCEED FOUR (4) INCHES, THE RESIDENT ENGINEER SHALL DIRECT THE CONTRACTOR TO CONTINUE REMOVING THE PAVEMENT FULL DEPTH WITHIN THIS REPAIR AREA IN ACCORDANCE WITH ITEM AR800568 - FULL DEPTH SPALL REPAIR. ALL WORK ASSOCIATED WITH THAT RESPECTIVE REPAIR AREA WILL BE PAID UNDER ITEM AR800568 PER SQUARE FOOT.

THE CONTRACTOR SHALL REFER TO THE SPECIAL PROVISIONS FOR CONSTRUCTION METHODS AND REQUIREMENTS OF THE PARTIAL DEPTH SPALL REPAIR. PARTIAL DEPTH SPALL REPAIR WILL BE PAID PER SQUARE FOOT UNDER ITEM AR800567.



QUINCY REGIONAL AIRPORT
 BALDWIN FIELD
 ADAMS COUNTY, ILLINOIS



A.I.P. PROJ.: 3-17-0085-XX
 I.L. PROJ.: UNI-3336

HEL Project No. 82405CRKD	DATE	1/17/05
File Name: HEL.F.S.	DATE	1/17/05
Scale: 1"=200'	DATE	1/17/05
Date	DATE	3/2/05
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HANSON
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 Offices Nationwide

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