

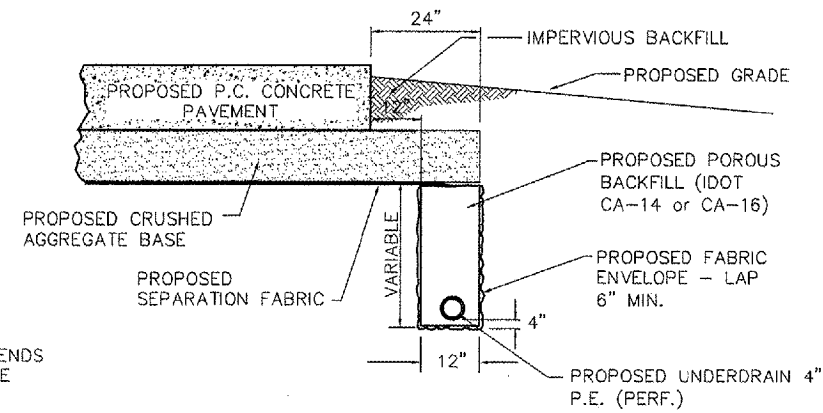
# SUMMARY OF QUANTITIES

QU094

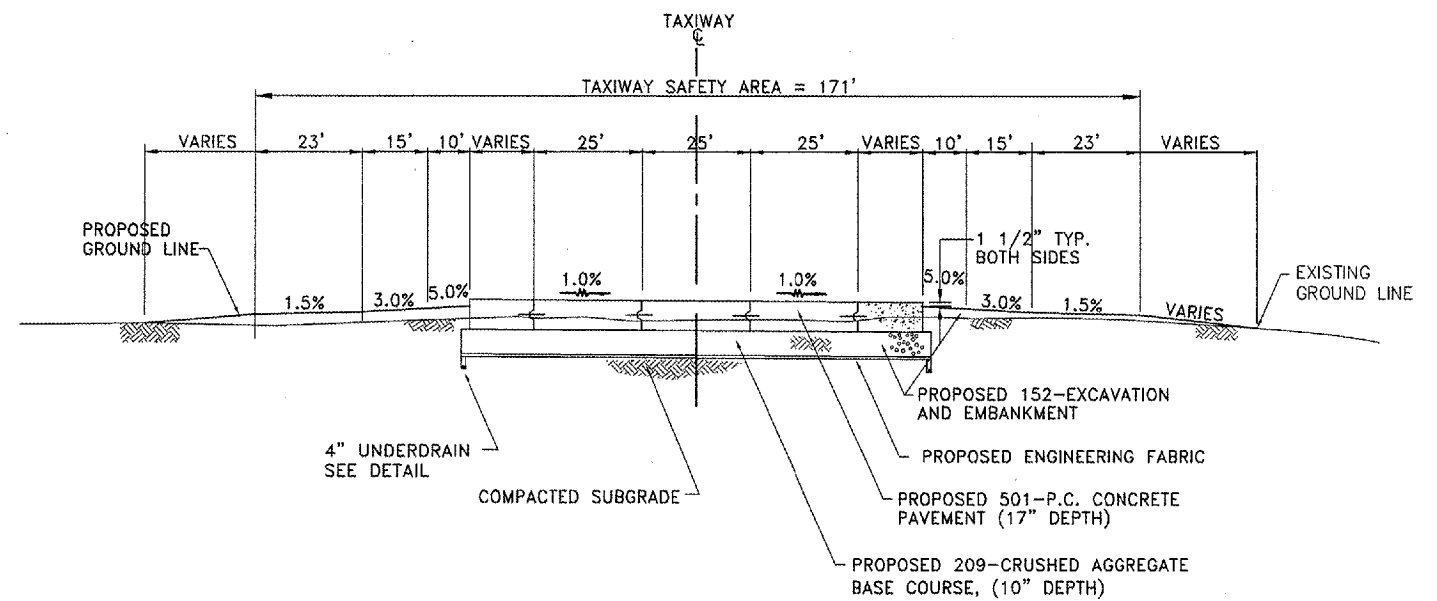
ITEM NO.	ITEM DESCRIPTION	UNIT	BID QUANTITY	FINAL QUANTITY
AR108158	1/C #8 5KV UG CABLE IN UD	LF	3,700	
AR108258	2/C #8 5KV UG CABLE IN UD	LF	800	
AR109341	20 KW REGULATOR, STYLE 1	EA	1	
AR110502	2-WAY CONCRETE ENCASED DUCT	LF	315	
AR125415	MITL-BASE MOUNTED	EA	52	
AR125442	TAXI GUIDANCE SIGN, 2 CHARACTER	EA	1	
AR125443	TAXI GUIDANCE SIGN, 3 CHARACTER	EA	4	
AR125444	TAXI GUIDANCE SIGN, 4 CHARACTER	EA	2	
AR125445	TAXI GUIDANCE SIGN, 5 CHARACTER	EA	4	
AR125446	TAXI GUIDANCE SIGN, 6 CHARACTER	EA	1	
AR125448	TAXI GUIDANCE SIGN, 8 CHARACTER	EA	1	
AR125470	MODIFY EXISTING SIGN PANEL	EA	49	
AR125525	HURL, INPAVEMENT	EA	2	
AR125565	SPLICE CAN	EA	2	
AR125902	REMOVE BASE MOUNTED LIGHT	EA	26	
AR125903	REMOVE INPAVEMENT LIGHT	EA	1	
AR125904	REMOVE TAXI GUIDANCE SIGN	EA	10	
AR125906	REMOVE SPLICE CAN	EA	4	
AR150530	TRAFFIC MAINTENANCE	LS	1	
AR152410	UNCLASSIFIED EXCAVATION	CY	9,037	
AR156500	TEMPORARY EROSION CONTROL	LS	1	
AR156513	SEPARATION FABRIC	SY	14,050	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	8,640	
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	4,192	
AR501517	17" PCC PAVEMENT	SY	13,738	
AR501530	PCC TEST BATCH	EA	1	
AR501900	REMOVE PCC PAVEMENT	SY	8,841	
AR620520	PAVEMENT MARKING-WATERBORNE	SF	3,776	
AR620525	PAVEMENT MARKING-BLACK BORDER	SF	1,775	
AR620900	PAVEMENT MARKING REMOVAL	SF	965	
AR701415	15" RCP, CLASS III	LF	318	
AR705504	4" PERFORATED UNDERDRAIN	LF	1,273	
AR751410	INLET	EA	2	
AR751940	ADJUST INLET	EA	2	
AR751943	ADJUST MANHOLE	EA	6	
AR801922	ABANDON MANHOLE	EA	4	
AR801923	REMOVE AGGREGATE BASE	CY	1,315	
AR901510	SEEDING	AC	9.25	
AR908510	MULCHING	AC	9.25	

## GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE METROPOLITAN AIRPORT AUTHORITY (MAA) AND ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION. MAA SHALL BE NOTIFIED 72 HOURS PRIOR TO CLOSING ANY PAVEMENTS TO AIRCRAFT OPERATIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES AND PAVED AREAS, INCLUDING ANY NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER IF ANY CONFLICTS WITH THE DRAWINGS OCCUR. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY TRENCHING AND GRADING OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. EXISTING UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE.
- THE CONTRACTOR MUST SUBMIT A SCHEDULE OF WORK PRIOR TO BEGINNING ANY CONSTRUCTION.
- ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE PROPERLY DISPOSED OF OFF-SITE. SUITABLE EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF ON AIRPORT PROPERTY (WITHIN 3.0 MILES) AS DIRECTED BY THE ENGINEER.
- PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS.
- EROSION CONTROL FEATURES AS NEEDED SHALL BE INCORPORATED INTO THE CONSTRUCTION AT THE EARLIEST POSSIBLE TIME TO LIMIT EROSION AND STREAM POLLUTION AND SHALL BE MAINTAINED UNTIL ACCEPTANCE OF THE PROJECT BY THE AIRPORT.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE ENCOUNTERED BETWEEN THE PLANS AND SPECIFICATIONS AND THE EXISTING FIELD CONDITIONS.
- THE FINAL TOP 6" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR THAT IS NOT PAVED AS PART OF THIS PROJECT SHALL BE CAPABLE OF SUPPORTING VEGETATION.
- CROSS SECTION SLOPES SUBJECT TO CHANGE AS DIRECTED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.
- MAXIMUM PAV WIDTH FOR 209 GRANULAR BASE SHALL BE 12 INCHES BEYOND THE EDGE OF PAVEMENT. IF THE CONTRACTOR REQUIRES ADDITIONAL WIDTH FOR PAVING, THE ADDITIONAL MATERIALS SHALL MEET THE SAME SPECIFICATION BUT WILL BE CONSIDERED INCIDENTAL.
- THE CONTRACTOR SHALL SALVAGE EXISTING AIRFIELD LIGHTING AND SIGNING EQUIPMENT AS DETAILED IN THE CONSTRUCTION PLANS AND SPECIAL PROVISIONS PRIOR TO THE START OF EARTHWORK AND/OR PAVING ACTIVITIES. SALVAGED EQUIPMENT SHALL BE DELIVERED TO THE METROPOLITAN AIRPORT AUTHORITY.
- AFTER CONSTRUCTION HAS BEEN COMPLETED, THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS PER SPECIAL PROVISION 901. ONLY SEED AREAS WITHIN THE LIMITS OF CONSTRUCTION/SEEDING WILL BE ELIGIBLE FOR PAYMENT UNDER THE CONTRACT PAY ITEM. AREAS OUTSIDE THE LIMITS OF CONSTRUCTION/SEEDING SHALL BE SEED BY THE CONTRACTOR PER SPECIAL PROVISION 901, BUT SHALL NOT BE MEASURED FOR PAYMENT.



**UNDERDRAIN TRENCH DETAIL**  
NOT TO SCALE



**PROPOSED TYPICAL SECTION - TAXIWAY B AND B2**  
NO SCALE

**NOTES:**

- COST OF POROUS BACKFILL, FABRIC ENVELOPE, BENDS AND FITTINGS SHALL BE INCLUDED IN THE UNIT PRICE FOR UNDERDRAINS.
- UNDERDRAINS TO BE INSTALLED PRIOR TO PAVEMENT AND CRUSHED AGGREGATE BASE.



REVISIONS		
NO.	ITEM	DATE

PLOTTING SCALE:	1:1
DRAWN BY:	MJK
CHECKED BY:	
DATE:	MAY 2005

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