LEGEND

- NEW 18" PCC PAVEMENT, 8" AGGREGATE BASE AND FULL DEPTH PAVEMENT MILLING REMOVAL
- NEW 15" PCC PAVEMENT INLAY AND 3" BITUMINOUS PAVEMENT MILLING REMOVAL
- NEW BITUMINOUS SHOULDER PAVEMENT (4" BITUMINOUS/11" AGGREGATE BASE)
- NEW VARIABLE DEPTH BITUMINOUS PAVEMENT AND TRANSITION PAVEMENTS

EARTHWORK SUMMARY TABLE

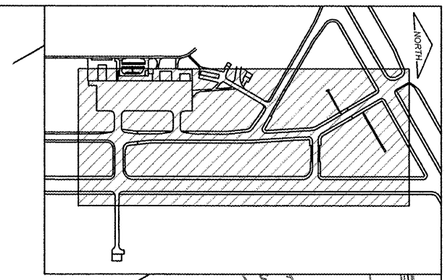
	CUT		FILL		
LOCATION	TOPSOIL STRIPPING (INITIAL POSITION)	UNCLASSIFIED EXCAVATION (INITIAL POSITION)	EMBANKMENT FILL (FINAL POSITION) (BIT. MILLINGS)	SHOULDER FILL (FINAL POSITION)	TOPSOIL PLACEMENT (FINAL POSITION)
PHASE 1	3188 CY	1115 CY	1514 CY	8510 CY	2959 CY
PHASE 3	1525 CY	5639 CY	418 CY	827 CY	1024 CY
UNSUITABLE MATERIAL		500 CY			
TOTAL	4713 CY	7254 CY	1932 CY	9337 CY	3983 CY

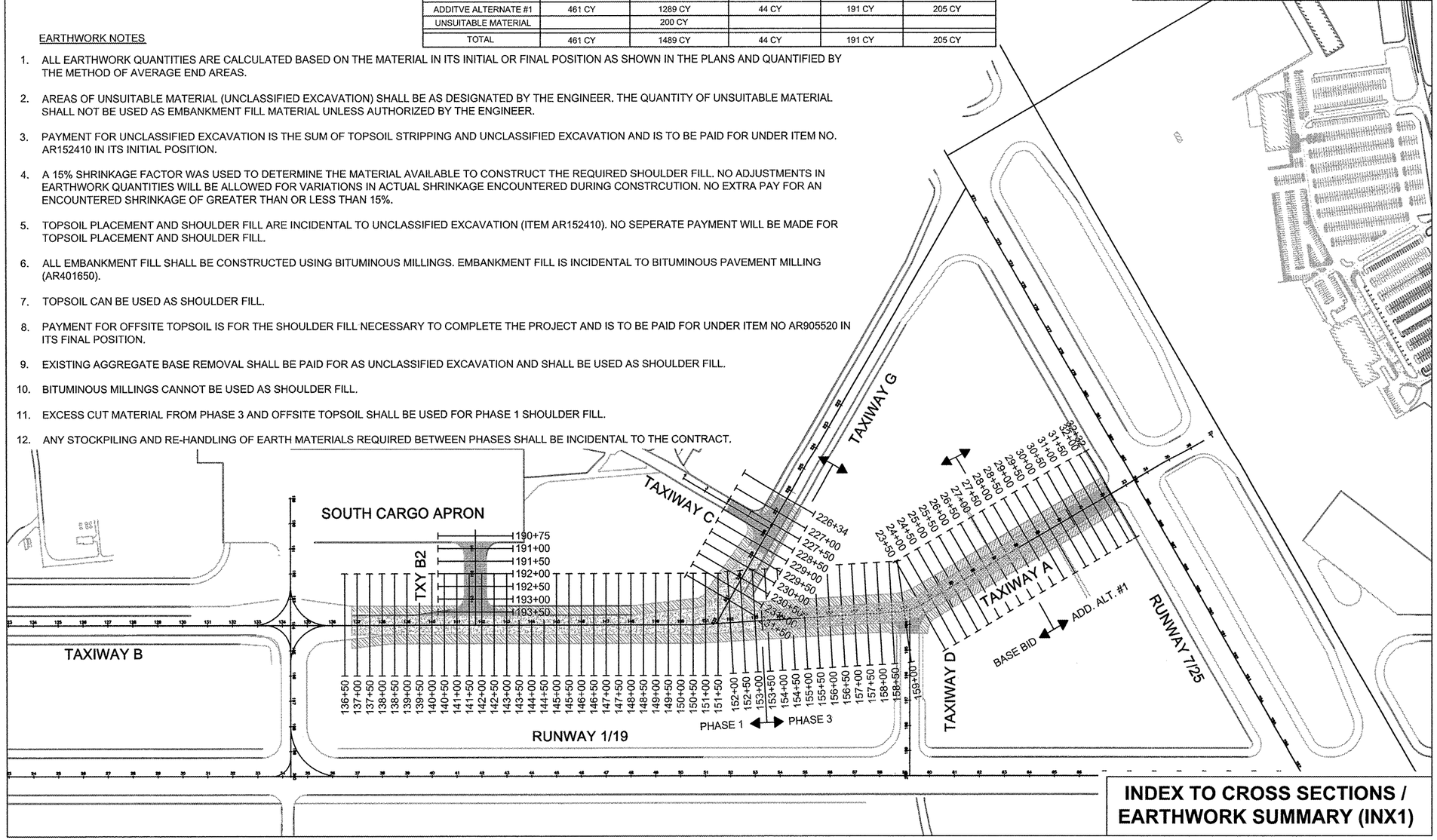
ADDITIVE ALTERNATE #1 EARTHWORK SUMMARY TABLE

	CUT		FILL		
LOCATION	TOPSOIL STRIPPING (INITIAL POSITION)	UNCLASSIFIED EXCAVATION (INITIAL POSITION)	EMBANKMENT FILL (FINAL POSITION) (BIT. MILLINGS)	SHOULDER FILL (FINAL POSITION)	TOPSOIL PLACEMENT (FINAL POSITION)
ADDITVE ALTERNATE #1	461 CY	1289 CY	44 CY	191 CY	205 CY
UNSUITABLE MATERIAL		200 CY			
TOTAL	461 CY	1489 CY	44 CY	191 CY	205 CY

EARTHWORK NOTES

1. ALL EARTHWORK QUANTITIES ARE CALCULATED BASED ON THE MATERIAL IN ITS INITIAL OR FINAL POSITION AS SHOWN IN THE PLANS AND QUANTIFIED BY THE METHOD OF AVERAGE END AREAS.
2. AREAS OF UNSUITABLE MATERIAL (UNCLASSIFIED EXCAVATION) SHALL BE AS DESIGNATED BY THE ENGINEER. THE QUANTITY OF UNSUITABLE MATERIAL SHALL NOT BE USED AS EMBANKMENT FILL MATERIAL UNLESS AUTHORIZED BY THE ENGINEER.
3. PAYMENT FOR UNCLASSIFIED EXCAVATION IS THE SUM OF TOPSOIL STRIPPING AND UNCLASSIFIED EXCAVATION AND IS TO BE PAID FOR UNDER ITEM NO. AR152410 IN ITS INITIAL POSITION.
4. A 15% SHRINKAGE FACTOR WAS USED TO DETERMINE THE MATERIAL AVAILABLE TO CONSTRUCT THE REQUIRED SHOULDER FILL. NO ADJUSTMENTS IN EARTHWORK QUANTITIES WILL BE ALLOWED FOR VARIATIONS IN ACTUAL SHRINKAGE ENCOUNTERED DURING CONSTRCUTION. NO EXTRA PAY FOR AN ENCOUNTERED SHRINKAGE OF GREATER THAN OR LESS THAN 15%.
5. TOPSOIL PLACEMENT AND SHOULDER FILL ARE INCIDENTAL TO UNCLASSIFIED EXCAVATION (ITEM AR152410). NO SEPERATE PAYMENT WILL BE MADE FOR TOPSOIL PLACEMENT AND SHOULDER FILL.
6. ALL EMBANKMENT FILL SHALL BE CONSTRUCTED USING BITUMINOUS MILLINGS. EMBANKMENT FILL IS INCIDENTAL TO BITUMINOUS PAVEMENT MILLING (AR401650).
7. TOPSOIL CAN BE USED AS SHOULDER FILL.
8. PAYMENT FOR OFFSITE TOPSOIL IS FOR THE SHOULDER FILL NECESSARY TO COMPLETE THE PROJECT AND IS TO BE PAID FOR UNDER ITEM NO AR905520 IN ITS FINAL POSITION.
9. EXISTING AGGREGATE BASE REMOVAL SHALL BE PAID FOR AS UNCLASSIFIED EXCAVATION AND SHALL BE USED AS SHOULDER FILL.
10. BITUMINOUS MILLINGS CANNOT BE USED AS SHOULDER FILL.
11. EXCESS CUT MATERIAL FROM PHASE 3 AND OFFSITE TOPSOIL SHALL BE USED FOR PHASE 1 SHOULDER FILL.
12. ANY STOCKPILING AND RE-HANDLING OF EARTH MATERIALS REQUIRED BETWEEN PHASES SHALL BE INCIDENTAL TO THE CONTRACT.





INDEX TO CROSS SECTIONS / EARTHWORK SUMMARY (INX1)

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5A

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3-17-0088-XX
RFD-3909

REHAB. TWY B SOUTH PHASE 2

Revisions

Date	Description

0 — 1
THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).

DESIGN BY:	CMT-ARR
DRAWN BY:	CMT-ARR
CHECKED BY:	CMT-ARR
APPROVED BY:	CMT-RFD
DATE:	5/8/2009
JOB No:	09258-04-00

INDEX TO X-SEC.-EARTHOWRK SUMMARY (INX1)

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SHEET 35 OF 59 SHEETS

XREF DWG: tbclnt.dwg
X01_Etape.DWG
IMAGE FILES: 101-rfd_logo.jpg
UPDATE BY: Jeremy Linke
LAYOUT: 35-INX1
DATE: Monday, May 11, 2009 4:00:37 PM
FILE: K:\Rockford\09258D4 Rehab Twy B South Ph2\Dwg\Sheets\35-INX1.dwg