### **OHIO TURNPIKE COMMISSION**

### ADDENDUM NO. 3

# **CONTRACT NO. 39-12-01** PART A

EASTBOUND AND WESTBOUND LEFT LANE RESURFACING MILEPOST 101.2 TO MILEPOST 109.2 SANDUSKY AND ERIE COUNTIES

# PART B EASTBOUND RIGHT TWO (2) LANES AND SHOULDER RECONSTRUCTION MILEPOST 95.9 TO MILEPOST 101.2 SANDUSKY COUNTY

OPENING DATE: 2:00 P.M. (E.S.T.), JANUARY 12, 2012

## ATTENTION OF BIDDERS IS DIRECTED TO:

### ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M., JANUARY 6, 2012

### MODIFICATIONS TO THE CONTRACT DOCUMENTS

MODIFICATIONS TO THE BID FORM Page OTC BF-5

MODIFICATIONS TO THE PLAN SHEETS AND DRAWINGS Plan Sheets 5, 6, 9 and 59 of 136

Issued by the Ohio Turnpike Commission January 6, 2012. Issuance authorized by Daniel Castrigano, Chief Engineer, and Kathleen Weiss, Director, Contracts Administration,

Never 1/6/12 Kathleen Weiss 1/6/12

Kathleen Weiss Date

# OHIO TURNPIKE COMMISSION ADDENDUM NO. 3 CONTRACT NO. 39-12-01

### ANSWERS TO QUESTIONS RECEIVED THROUGH 12:00 P.M., JANUARY 6, 2012

Q#23 (Question not answered from Second Addendum):

Part B – Page 5 of 136. The Pavement Joint Detail

The pavement planning after the item 452 on the previous project showed a 3.25" mill out. The typical plan on this portion indicates, page 5 of 136 in the pavement joint detail, shows an approx 5.00" mill out which would be an additional 1.75" depth in the 1' area. This will be very difficult to perform with the standard milling machines due to the 1' width and the 5.00" depth in the confined area. Is the additional depth correct or is it a plan oversight?

- A#23 Yes, the five (5) inch milling depth is correct as shown in the Plans. NOTE 1 on Plan Sheets 5 and 6 of 136 has been revised to further clarify the intent of the Plans. (See changes outlined below in this Addendum No. 3 and the attached replacement Plan Sheets).
- Q#24 (Question not answered from Second Addendum):

  Bid items 70,71: show quantities in the proposal of 48,589 s.y. (12") and 60,811 s.y. (16"). The table on plan sheet 9 gives the following totals: 25,200 s.y. (12") and 84,200 s.y. (16"). Please revise the table or the proposal quantities in an addendum.
- A#24 The quantities on OTC-BF-5 for Ref. Nos. 70 and 71 have been revised. The table on Plan Sheet 9 of 136 has been revised to reflect the STABILIZATION DEPTH of twelve (12) inches for all SHOULDER areas. The quantities under ITEM 206 LIME STABILIZED SUBGRADE, AS PER PLAN have been adjusted as well. The quantities on Plan Sheet 59 of 136 have been revised. (See changes outlined below in this Addendum No. 3, and the attached replacement Bid Form page and Plan Sheets).
- Q#37 In addendum 2, question 21 stated that the sawcutting of the joint between new and existing asphalt is to be considered incidental to the milling item. Are both sides of the milling joints to be sawcut? There is joint sealing set up only for one joint, lengthwise but the detail on plan sheet 136 shows an asterisk noting the sawcut on both sides. Please clarify this in an addendum.
- A#37: Yes, both longitudinal milling joints are required to be sawcut. However, the sawcut may be waived by the Chief Engineer if the Contractor demonstrates the ability to provide a straight, vertical face with no damage to the adjacent pavement. The Plans are correct and only the longitudinal paving joint between lanes of traffic will be sealed with Item SP404A Joint Sealer.

# **MODIFICATIONS TO THE CONTRACT DOCUMENTS**

The following changes are made to the Contract Documents for Contract No. 39-12-01:

Deletions are shown with strikethrough text.

Changes/Additions are shown with **bold italicized** text

(Bidders are advised to make sure to utilize the attached replacement Bid Form page OTC-BF-5).

### Modifications to the Bid Form Via Addendum No. 3

<u>Page BF-5</u>: Under Ref. No. 70, Item 206 - LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN, the Approx. Quantity has been revised from 48,589 SQ YD to 48,588 SQ YD.

<u>Page BF-5</u>: Under Ref. No. 71, Item 206 - LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN, the Approx. Quantity has been revised from 60,811 SQ YD to 60,812 SQ YD.

## Modifications to the Plan Sheets Via Addendum No. 3

(Bidders are advised to make sure to utilize the attached replacement Plan Sheets 5, 6, 9 and 59 of 136).

Changes to the Plan Sheets:

Additions and deletions are indicated with a cloud and revision triangle as follows:





Plan Sheet 5 of 136: The text for NOTE 1: has been replaced to read: "ASPHALT PAVEMENT PLANING OPERATION WITHIN THIS ONE-FOOT AREA MAY OCCUR BEFORE OR AFTER PLACEMENT OF ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT (T=13"). REQUIREMENTS FOR ASPHALT PLACED WITHIN THIS ONE-FOOT AREA SHALL BE IN STRICT COMPLIANCE WITH SP 400."

Plan Sheet 6 of 136: The text for NOTE 1: has been replaced to read: "ASPHALT PAVEMENT PLANING OPERATION WITHIN THIS ONE-FOOT AREA MAY OCCUR BEFORE OR AFTER PLACEMENT OF ITEM 452 - NON-REINFORCED CONCRETE PAVEMENT (T=13"). REQUIREMENTS FOR ASPHALT PLACED WITHIN THIS ONE-FOOT AREA SHALL BE IN STRICT COMPLIANCE WITH SP 400."

<u>Plan Sheet 9 of 136:</u> The table in the Plan Note for ITEM 206 – CHEMICALLY STABILIZED SUBGRADE, AS PER PLAN has been revised to show the STABILIZATION DEPTH (INCHES) for all SHOULDER areas to be **12** rather than <del>16.</del> Also, the quantity for ITEM 206 – LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN has been revised from <del>48,589</del> to

**48,588** SQ. YD., and the quantity for ITEM 206 – LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN has been revised from 60,811 to 60,812 SQ. YD.

Plan Sheet 59 of 136: ITEM 206 – LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN, the quantity for SHEET NUMBER 9 has been revised from 48589 SQ YD to 48588 SQ YD, and the GRAND TOTAL PART B quantity has been revised from 48589 SQ YD to 48588 SQ YD. Also, ITEM 206 – LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN, the quantity for SHEET NUMBER 9 has been revised from 60811 SQ YD to 60812 SQ YD and the GRAND TOTAL PART B quantity has been revised from 60811–SQ YD to 60812 SQ YD.

Recei	pt of Addendum No. 3	to Contract No. 39-12-01 is hereby acknowledged:
	(Firm Name)	
····	(Signature)	
	(Printed Name)	
Date.		

# CONTRACT NO. 39-12-01 BID FORM

No.         No.         Inen Description         Apart B. PADEMENT (FIG. 180-797)         Country         Unit         Country         Count	Ref.	Item		Approx.			Extended
206         LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN           206         LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN           206         LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN           206         LIME           206         WATER FOR CURING           206         TEST ROLLING           206         TEST ROLLING           206         TEST ROLLING           206         TEST ROLLING           207         TEST ROLLING           208         FULL DEPTH PAVEMENT SAWING           209         TEST ROLLING           205         FULL DEPTH PAVEMENT SAWING           206         FULL DEPTH PAVEMENT SAWING           207         FULL DEPTH PAVEMENT SAWING           208         FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT           209         BROAD AGGREGATE BASE COURSE, POG4-22           SPROAD         AGGREGATE BASE COURSE OF RECYCLED ASPHALT CONCRETE BASE COURSE, PG4-22           SPA04         AGGREGATE BASE COURSE OF RECYCLED ASPHALT CONCRETE BASE COURSE, PG4-22           SPA04         ASPHALT CONCRETE SUBFACE COURSE, USING CRUSHED SLAG, PG6-22 (FR)           SPA04         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SPA04         ASPA04           ASPA04	No.	No.	Item Description	Quantity	Unit	Cost	Bid Amount
206         LIME STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN           206         LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN           206         LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN           206         LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN           206         LIME DEPTH PAUL           206         TEST ROLLING           206         TEST ROLLING           255         FULL DEPTH PAURMENT RAWING           265         FULL DEPTH PAURMENT SAMING           265         FULL DEPTH PAURMENT SAMING           SP304         AGGREGATE BASE GOURSE, PG64-22           SP305         BITUMINGOUS AGGREGATE BASE COURSE, PG64-22           SP306         AGGREGATE BASE (SHOULDER)           SP307         AGGREGATE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG64-22           SP404         ASPHALT CONCRETE BASE COURSE USING GRUSHED SLAG, PG64-22           SP404         ASPHALT CONCRETE SURFACE COURSE, USING GRUSHED SLAG, PG64-22           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22			PART B, PAVEMENT (Ref. Nos. 70 - 97)	100			i.
206         LIME STABILIZED SUBGRADE, 16 INCHES DEEP, AS PER PLAN           206         LIME           206         WATER FOULING           206         TEST ROLLING           206         TEST ROLLING           226         TEDTH PAVEMENT REPAIR           225         FULL DEPTH PAVEMENT SAWING           226         SEP SECOLULE DEPTH PAVEMENT SAWING           226         SET DEPTH PAVEMENT SAWING           226         SITUMINOUS AGGREGATE BASE COURSE, PG64-22           SP304         AGGREGATE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE           SP304         AGGREGATE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE           SP402         ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE           SP404         ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22           SP404         ASPHALT CONCRETE SURFACE COURSE           SP404         ASPHALT CONCRETE SURFACE COURSE           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP404         ASPHALT CONCRETE COURSE	70	206	DEEP, AS	48,589 <b>48,588</b>	SQ YD		
206         LIME           206         WATER FOR CURING           206         WATER FOR CURING           206         TEST ROLLING           251         PARTIAL DEPTH PAVEMENT REARING           252         FULL DEPTH PAVEMENT SAWING           253         FULL DEPTH PAVEMENT SAWING           256         FULL DEPTH PAVEMENT SAWING           257         FULL DEPTH PAVEMENT SAWING           258         FULL DEPTH PAVEMENT SAWING           259         BITUMINOUS AGGIREGATE BASE COURSE, PG64-22           SP304         AGGREGATE BASE (SHOULDER)           SP402         ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG64-22           SP404         ASPHALT CONCRETE BASE COURSE, USING CHUSHED SLAG, PG64-22           SP404         ASPHALT CONCRETE SURFACE COURSE, USING CHUSHED SLAG, PG64-22           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP404         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP405         TACK COAT           SP406         ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22           SP607         TACK COAT FOR INTERMEDIATE COURSE           SP607         TA	7.1	206	SUBGRADE, 16 INCHES DEEP, AS	60,811 <b>60,81</b> 2	SQ YD		μ
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SP402 ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG64-22  SP404 ASPHALT CONCRETE BASE COURSE, USING CRUSHED SLAG, PG64-22  SP404 ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22  SP404 ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22  SP404 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22  SP404 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22  SP404 JOINT SEALER  SP407 TACK COAT  SP407 TACK COAT  SP617 SHOULDER PREPARATION  SP617 SHOULDER PREPARATION  SP617 SP617 SHOULDER PROTECTION  SP617 SP617 STONE SHOULDER PROTECTION  SP614 ASPHALT PAVEMENT REINFORCEMENT  SP614 SP614 SPCIAL SONIC NAP ALERT PATTERN (SNAP)  SP61AL SAW CUT JOINT  SP61AL SAW CUT JOINT	80	SP304	AGGREGATE BASE (SHOULDER)	7,762	CU YD		
SP402 ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG70-22 (FR)  SP404 ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22  SP404 ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22  SP404 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22  SP404 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22  SP407 TACK COAT  SP407 TACK COAT  SP407 TACK COAT FOR INTERMEDIATE COURSE  452 NON-REINFORCED CONCRETE (SHOULDER, T = 9")  SP617 SHOULDER PREPARATION  SP617 SHOULDER PROTECTION  SP617 SP617 SHOULDER PROTECTION  SP617 SP614 ASPHALT PAVEMENT REINFORCEMENT  SP61A SP61AL PAVEMENT REINFORCEMENT  SP61A SONIC NAP ALERT PATTERN (SNAP)  SP6CIAL SAW CUT JOINT	81	SP402	ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG64-22	252 1,514	CU YD		
SP404 ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG64-22  SP404 ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG70-22 (FR)  SP404 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22  SP407 TACK COAT  SP407 TACK COAT  SP407 TACK COAT FOR INTERMEDIATE COURSE  A52 NON-REINFORCED CONCRETE (SHOULDER, T = 9")  SPECIAL ROLLER COMPACTED CONCRETE (SHOULDER, T = 9")  SP617 SHOULDER PREPARATION  SP617 SHOULDER PROTECTION  SP617 STONE SHOULDER PROTECTION  SP618 SPCIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SAW CUT JOINT	82	SP402	ASPHALT CONCRETE BASE COURSE OR RECYCLED ASPHALT CONCRETE BASE COURSE, PG70-22 (FR)	4,130	CU YD		
SP404 ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG70-22 (FR)  SP404 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22  SP407 ACK COAT  SP407 TACK COAT  SP407 TACK COAT FOR INTERMEDIATE COURSE  452 NON-REINFORCED CONCRETE PAVEMENT (T = 13")  SPECIAL ROLLER COMPACTED CONCRETE (SHOULDER, T = 9")  SP617 SHOULDER PREPARATION  SP617 COMPACTED AGGREGATE  SP617 COMPACTED AGGREGATE  SP627 STONE SHOULDER PROTECTION  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SONIC NAP ALERT PATTERN (SNAP)	83	SP404		1,082	CU YD		
SP404 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22  SP404A JOINT SEALER  SP407 TACK COAT  SP407 TACK COAT FOR INTERMEDIATE COURSE  452 NON-REINFORCED CONCRETE PAVEMENT (T = 13")  SPECIAL ROLLER COMPACTED CONCRETE (SHOULDER, T = 9")  SP617 SHOULDER PREPARATION  SP617 COMPACTED AGGREGATE  SP627 STONE SHOULDER PROTECTION  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SONIC NAP ALERT PATTERN (SNAP)	84	SP404		3,569	CU YD		
SP404AJOINT SEALERSP407TACK COATSP407TACK COAT FOR INTERMEDIATE COURSE452NON-REINFORCED CONCRETE (SHOULDER, T = 9")SPECIALROLLER COMPACTED CONCRETE (SHOULDER, T = 9")SP617SHOULDER PREPARATIONSP617COMPACTED AGGREGATESP627STONE SHOULDER PROTECTIONSPECIALASPHALT PAVEMENT REINFORCEMENTSPECIALASPECIALSPECIALSONIC NAP ALERT PATTERN (SNAP)SPECIALSAW CUT JOINT	85	SP404	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC ON CROSSOVER, PG64-22	81	CU YD		
SP407TACK COATSP407TACK COAT FOR INTERMEDIATE COURSE452NON-REINFORCED CONCRETE PAVEMENT (T = 13")SPECIALROLLER COMPACTED CONCRETE (SHOULDER, T = 9")SP617SHOULDER PREPARATIONSP617COMPACTED AGGREGATESP627STONE SHOULDER PROTECTIONSPECIALASPHALT PAVEMENT REINFORCEMENTSPECIALPRESSURE RELIEF JOINT, TYPE ASPECIALSONIC NAP ALERT PATTERN (SNAP)SPECIALSAW CUT JOINT	98	SP404A	JOINT SEALER	32,187	L		
SP407 TACK COAT FOR INTERMEDIATE COURSE  452 NON-REINFORCED CONCRETE PAVEMENT (T = 13")  SPECIAL ROLLER COMPACTED CONCRETE (SHOULDER, T = 9")  SP617 SHOULDER PREPARATION  SP617 COMPACTED AGGREGATE  SP627 STONE SHOULDER PROTECTION  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL PAVEMENT REINFORCEMENT  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SAW CUT JOINT	87	SP407	TACK COAT	6,675 8,078	GALLON		
452 NON-REINFORCED CONCRETE PAVEMENT (T = 13")  SPECIAL ROLLER COMPACTED CONCRETE (SHOULDER, T = 9")  SP617 SHOULDER PREPARATION  SP617 COMPACTED AGGREGATE  SP627 STONE SHOULDER PROTECTION  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL PASSURE RELIEF JOINT, TYPE A  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SAW CUT JOINT	88	SP407	TACK COAT FOR INTERMEDIATE COURSE	1,596 6,836	GALLON		
SPECIAL ROLLER COMPACTED CONCRETE (SHOULDER, T = 9")  SP617 SHOULDER PREPARATION  SP627 STONE SHOULDER PROTECTION  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SAW CUT JOINT	88	452	1	79,449	SQ YD		
SP617 SHOULDER PREPARATION SP617 COMPACTED AGGREGATE SP627 STONE SHOULDER PROTECTION SPECIAL ASPHALT PAVEMENT REINFORCEMENT SPECIAL PRESSURE RELIEF JOINT, TYPE A SPECIAL SONIC NAP ALERT PATTERN (SNAP) SPECIAL SAW CUT JOINT	06	SPECIAL	_DER, T =	26,462	SQ YD		
SP617 COMPACTED AGGREGATE  SP627 STONE SHOULDER PROTECTION  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL PRESSURE RELIEF JOINT, TYPE A  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SAW CUT JOINT	91	SP617	SHOULDER PREPARATION	4,615	SQ YD		
SP627 STONE SHOULDER PROTECTION  SPECIAL ASPHALT PAVEMENT REINFORCEMENT  SPECIAL PRESSURE RELIEF JOINT, TYPE A  SPECIAL SONIC NAP ALERT PATTERN (SNAP)  SPECIAL SAW CUT JOINT	92	SP617	COMPACTED AGGREGATE	385	CU YD		
SPECIAL ASPHALT PAVEMENT REINFORCEMENT SPECIAL PRESSURE RELIEF JOINT, TYPE A SPECIAL SONIC NAP ALERT PATTERN (SNAP) SPECIAL SAW CUT JOINT	93	SP627	STONE SHOULDER PROTECTION	426	CU YD		
SPECIAL PRESSURE RELIEF JOINT, TYPE A SPECIAL SONIC NAP ALERT PATTERN (SNAP) SPECIAL SAW CUT JOINT	94	SPECIAL	ASPHALT PAVEMENT REINFORCEMENT	14,806	SQ YD		
SPECIAL SONIC NAP ALERT PATTERN (SNAP) SPECIAL SAW CUT JOINT	95	SPECIAL	PRESSURE RELIEF JOINT, TYPE A	765	FT		
SPECIAL SAW CUT JOINT	96	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)		MILE		
	97	SPECIAL		31,076	FT		