

Texas Registered Engineering Firm F-19508





February 17, 2023

Introduction

The services of Lambeth Engineering Associates, PLLC, (herein Lambeth Engineering) were retained to conduct a traffic management plan (TMP) for John Lewis Social Justice Academy at Oliver Wendell Holmes Middle School (John Lewis). The purpose of this TMP is to ensure safe vehicular and pedestrian circulation during peak morning drop-off and afternoon pick-up periods. Below is general information about John Lewis.

School:

- Location: 2001 E. Kiest Boulevard, Dallas, TX 75216
- School District: Dallas Independent School District
- School Times: 8:35 AM 3:55 PM
- Principal: Ms. Sharron Evans Jackson

Zoning:

- Existing Zoning: Single Family, R-5(A)
- Proposed Zoning: SUP
- <u>Project</u>: Replacing existing school facility.

Students:

- Existing Student Enrollment: 588 students in 6th- 8th grades (at time of traffic observations)
- Planned Student Capacity: 833 students in 6th- 8th grades

Staff:

• Existing Staff: 49

Planned Staff: 55



School Access:

- Surrounding Roadways:
 - o E. Kiest Boulevard: Principal Arterial M-6-D(A), Six-lane divided
 - o E. Illinois Avenue: Principal Arterial M-6-D(A), Six-lane divided
 - Sunnyvale Street: Community Collector, Two-lane undivided S-4-D south of E. Kiest Blvd and Local Street north of E. Kiest Blvd
 - o Kellogg Avenue: Local Street, Two-lane undivided
- Sidewalks are provided on both sides of E. Kiest Boulevard, adjacent to the school.

Parking Supply:

• Surplus parking is provided for special events.

Traffic Management Plan

Existing and Projected Queue

Lambeth Engineering met with DISD staff, school principal and the architect during the process of developing the TMP. Traffic observations were conducted on the following dates and times:

- Wednesday, January 11, 2023 PM Dismissal
- Friday, January 13, 2023 PM Dismissal
- Tuesday, January 17, 2023 AM Arrival
- Tuesday, January 17, 2023 PM Dismissal
- Thursday, January 19, 2023 PM Dismissal

The peak queue of parent vehicles picking up students was observed to be about 73 vehicles. Parents are currently parking on both sides of E. Kiest Boulevard, and on both sides of Kellogg Avenue. Parents will be able to pick up students on-site when the new school is constructed. A rate of one parent vehicle per 8.5 students is used for this TMP, as parents will be more managed with the new site.

As expected, the peak period of parent vehicles accumulating at the school occurred during the afternoon dismissal period. Most of the traffic clears the campus within 15-20 minutes once school is dismissed. The current traffic pattern is summarized in the **Appendix**.

The projected vehicular accumulations are summarized in **Table 1** below. As shown, the proposed site plan has adequate space to accommodate the parents on-site.



Table 1. TMP Summary

Student Capacity	School Times	Travel N	Modes	Projected Parent Vehicles	Provided Spaces for Parents	Surplus Availability for Parents
833 Students	Beginning: 8:35 AM	Parents	50%	98 Veh.	106 Veh.	8 Veh.
Grades:	Dismissal: 3:55 PM	Walkers	15%	(2,303 Feet)	(2,500 Feet)	(197 Feet)
6th - 8th		Buses	35%			

Double queue lanes accommodate 51 vehicles (1,212 LF). Parent parking on-site accommodates 55 vehicles (1,288 LF).

<u>Recommendations</u>

The TMP recommendations are described below and shown in **Exhibit 1**.

Students

- School is dismissed at 3:55 PM. As needed, school is dismissed in staggered dismissal periods beginning at 3:45 PM.
- Students who are picked up by parents are instructed to walk to their parents' vehicle waiting in the designated pick-up area.
- Students should walk along the sidewalks to enter their parent vehicles.
- Students should not walk to their parent if the parent is still in the "double queue" lane, waiting to reach the on-site parking aera.
- Students waiting for parents to pick them up later than ordinary dismissal period should remain in the designated area and wait for their parents' arrival.
- Students walking home should be instructed to walk along sidewalks and cross at crosswalks. Students should not be permitted to cross at midblock.

Parents

- Parents must wait inside their vehicle in the queue line(s) extending around the visitor parking lot to pick up their student in the designated pick-up area, as shown in the TMP exhibit.
- When parents arrive on-site, they should pull all the way forward to the end of the on-site parking area.
- Parents should not pick up their student in the double queue lines leading up to the visitor/admin parking lot. Parents should wait to pick up their student in the designated parent parking areas adjacent to the sidewalk in single parking line.
- After the student arrives to the parent vehicle, the parent may leave via the by-pass lane.
- Parents should continually pull forward to allow room for additional vehicles on-site.
- It is recommended that parents not arrive more than 15 minutes before school dismissal.
- Parents may not park in the events parking spaces since they will be blocked in by queuing vehicles. These spaces may be used outside peak arrival and dismissal periods.
- Parents may not park on-street, adjacent to the school, as shown in the TMP exhibit.



Staff

- During the first week of school, staff should monitor parents as they arrive to direct them to pull forward and not stop early.
- After the first week of school, staff should check parents 10 minutes before dismissal and ensure all parents are pulled forward and not blocking by-pass lanes.
- Staff should monitor students at each area where parents are picking up students until all students are dismissed.
- Staff should continue monitoring pedestrians as they leave the school and ensure they are crossing E. Kiest Boulevard at crosswalk, not mid-block, and cross in groups.
- Staff should not direct traffic on E. Kiest Boulevard if they are not a licensed peace officer.

Buses

- A total of 12 school buses, including special education buses, is planned to use the designated bus driveway on the east side of the campus.
- Based on site visit, 40% of buses turned right onto E. Kiest Boulevard, and 60% of buses turned left onto E. Kiest Boulevard. With the new site plan, buses will no longer be able to turn left onto E. Kiest Boulevard. Alternative routes are provided in the **Appendix**.

Licensed Peace Officers

A licensed peace officer is not assigned to John Lewis to assist with traffic, and one is not recommended.

Crossing Guards

There are currently no official crossing guards assigned to the surrounding intersections near John Lewis. City of Dallas does not typically provide crossing guards for middle schools. However, pedestrian safety should be monitored due to E. Kiest Boulevard being a six-lane, divided roadway, a crossing guard in front of the school or at the intersection of E. Kiest Boulevard/Kellogg Avenue may be beneficial.

Parking Restrictions

Currently, there is a small section of restricted parking in front of the school on the north side of E. Kiest Boulevard. Parking should be prohibited on both sides of E. Kiest Boulevard between Sunnyvale Street and Kellogg Avenue, especially around the driveway openings, as illustrated in the TMP exhibit.

School Zones

There is currently a school zone on E. Kiest Boulevard adjacent to the school. It is recommended this school zone remain.

Off-Site Improvements

- Update school-related signs to satisfy current TxMUTCD criteria. Detailed description will be provided with the engineering plan submittal.
- Install additional No Parking during school zone hours signs along both sides of E. Kiest Boulevard in front of the school between Kellogg Avenue and Sunnyvale Street, as shown on the TMP.



Summary

The John Lewis Traffic Management Plan is designed to provide safe vehicular and pedestrian movement to and from school and can accommodate the projected vehicular queues on campus.

If traffic congestion or unsafe movements are noticed, the plan should be reviewed and updated promptly.

REVIEW AND COMMITMENT

The John Lewis Social Justice Academy at Oliver Wendell Holmes Middle School traffic management plan (TMP) for was developed with the intent of optimizing safety and accommodating vehicular traffic queues generated during school peak hours. A concerted effort and full participation by the school administration are essential to maintain safe and efficient traffic operations.

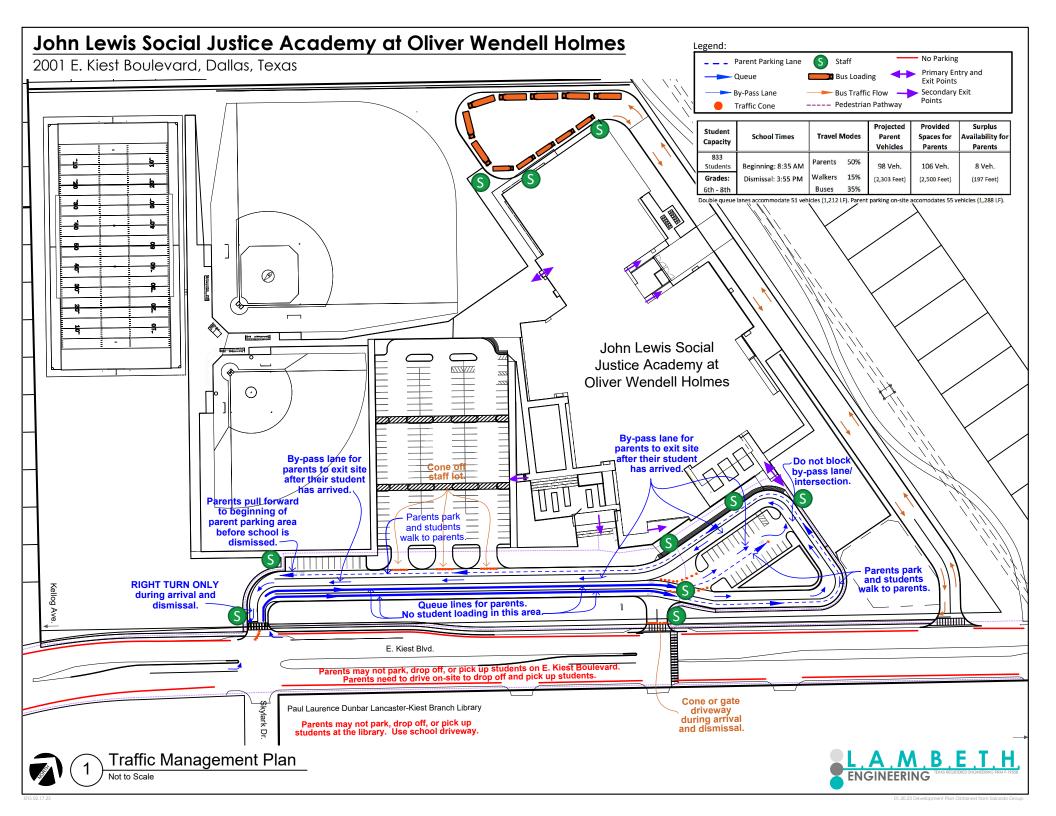
By consent of this TMP submittal, the school administration agrees to the strategies presented herein for which the school is held responsible unless the City of Dallas deems further measures are appropriate.

The school-is-also committed to continually-review and assess the effectiveness of this plan and if warranted, implement changes in the interest of increasing safety and minimizing impacts on the surrounding community.

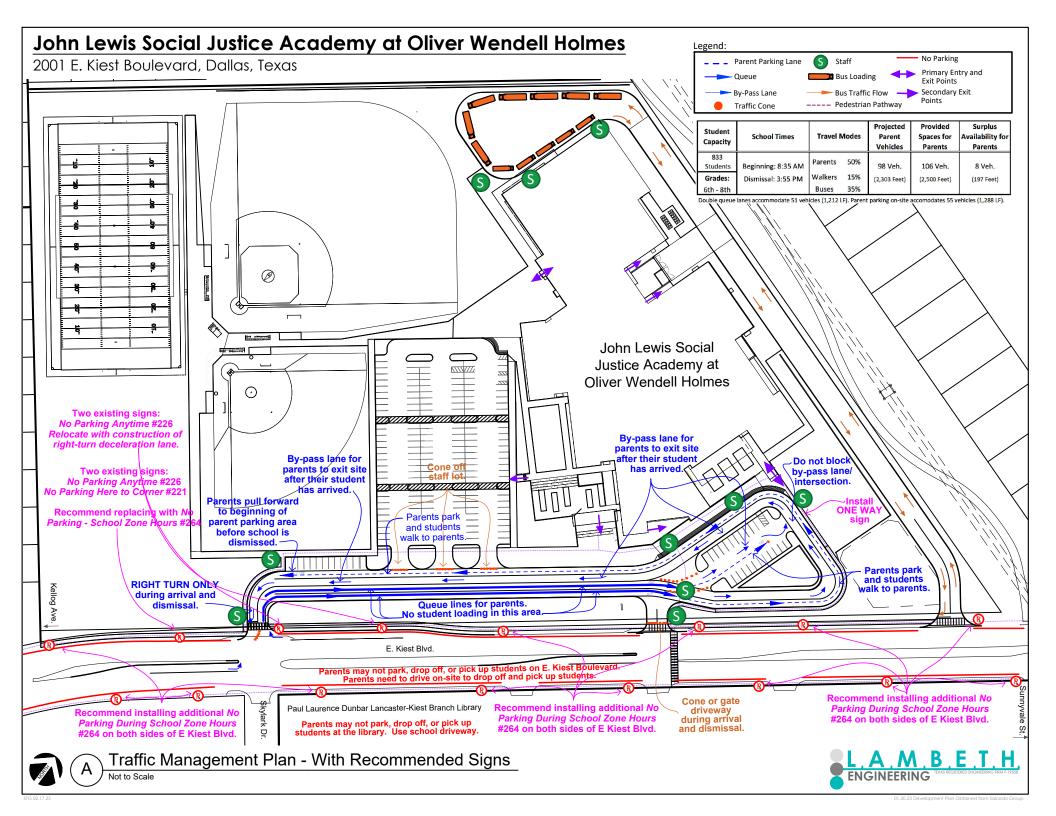
Signature

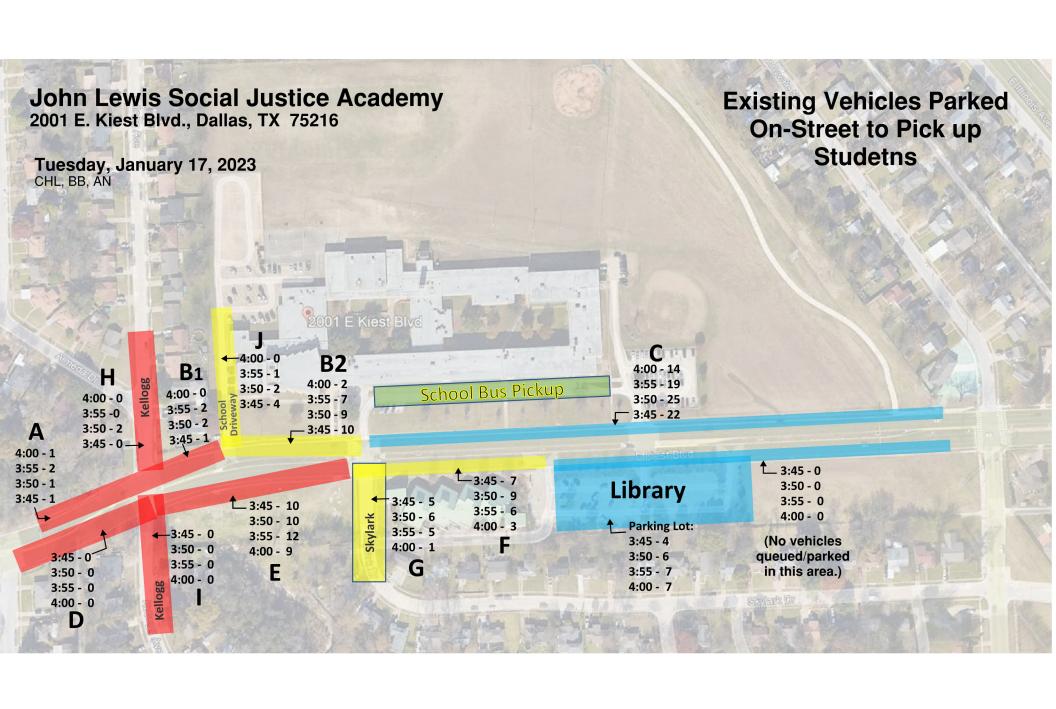
Name

END



Appendix





Current Bus Routes Alternative Routes with No Left-Turn onto E. Kiest Boulevard from School

		2022-2023		Early Release				
lohn	Lowie So	cial Justice Academy @ Oliver V	Vondoll	December 16 - December 21				
Joini	Lewis 300	Tail Justice Academy @ Onver v	venuen	December 21				
	AM PICK-UP		PM DROP-					
ROUTE	TIME	STOP(s) PICK-UP & DROP-OFF LOCATION	OFF					
	6:55 AM	RICE ES	5:25 PM	3:05 PM	WH.	Wymencod Wage		18
	7:15 AM	RUNYON	5:04 PM	2:44 PM	W Secondar	A Street Associated	Cedar Crest Golf Course O	1 1000
1232	7:26 AM	CUELLAR	4:58 PM	2:38 PM		WYNNEWOOD IN	Si se	no 1 /
1202	7:46 AM	W. HUTCHINS ES	4:36 PM	2:16 PM	70	a town to	1 Humanibe	
	8:05 AM	ARRIVE @ ATWELL (INTERSESSION)	4:19 PM	1:59 PM	Sed Park		Q and a Chicken	\\\ <u></u>
	8:20 AM	ARRIVE @ OW HOLMES	4:05 PM	1:45 PM		Christ For The Nation		and _
Notes:	No change nee	eded			- ()	STATION OF STIVE MILE CREEK	Physical School	North Texas
					- 0	BOTHANO O	all min	Sweet Georga Brow
							And Annual Annua	· •
						All min	TRI SOUTH JACK II TO	-
					- 7	James Company	r Geroue ka	
					WH Atme	do l		- July -
	7.54 004	CTELLA AVE 75246 9 C DENILEY DD 75246	4:11 PM	1:55 PM			§ Goodle	
	7:51 AM 7:52 AM	STELLA AVE 75216 & S DENLEY DR 75216 LYNN HAVEN AVE 75216 & S DENLEY DR 75216	4:11 PM 4:13 PM	1:55 PM 1:54 PM			773	-
4019	7:54 AM	STRICKLAND ST 75216 & S DENLEY DR 75216	4:15 PM	1:52 PM	-111			1-15-
4013	7:55 AM	HENDRICKS AVE 75216 & S DENLEY DR 75216	4:16 PM	1:51 PM		Cedar Crest Golf Course	5	
	8:05 AM	ARRIVE @ OW HOLMES	4:05 PM	1:35/1:45 PN		Te Car		
Notes:		ernate route as shown in grey on map	4.00 1 111	1.00/1.401.1	Slingis Aret	GEDARICREST 28 mil		
NOICS.	may roquiro un	mon and	R.Zer	21	end for	N	Contraction of the Contraction o	
		Secret Bridge Communication Co	0 0		-		Oliver W. Holmes	E Sinois Ave
		to by CS, Pipers V	-11-11	X 2 4000		and the last		COMPAN
		AUDITOR ALID POR QUE	Antic Energy Decric P				*****	
		ones Called Church		Coult Sendy Sapply		8 min 3 miles		
		And Res	Protein Service Qualification Service Service Service Demonstray School Service Septial Service Servic	-	g.	V		
		*				Commend		
		100 A 100 A		3				
	7:51 AM	S EWING AVE 75216 & WINTERS ST 75216 (17)	4:13 PM	1:52 PM	Ave Dallas Fire	Station 23	90	dar(Glen South artments
	7:52 AM	HARLANDALE AVE 75216 & MORRELL AVE 75203	4:15 PM	1:54 PM			Taj's Snow Cone Shack	Wonderview Park
4025	7:58 AM	HUTCHINS RD & HULSE BLVD (20)	4:20 PM	1:59 PM	O Office	ar Crest Golf Course 👰	Miz. G's House of Pies 🕡	Ore
	8:05 AM	ARRIVE @ OW HOLMES	4:05 PM	1:35/1:45 PM				Magne Vista Dr
Notes:	May require alt	ernate route as shown below	MI STA		CEDAR CREST	New Comforter Church of God	Church, ELCA	liam B. Miller P
				X —	- 1	the land of the la	S November 1	Williams Chicken 11
			Birth Birth	1		Marie St. Marie Co.	1 1	E Illinois Ass
		-0	-11/	Harm New Case Sander	Parts Parts	Amont overgy Electric O		topica
			Angel Image Gener (P	1	alic Church	Tape Cod Dr	tening NA Oprah Beauty Su	Greater Harvest Church of God
		Maria Sanish		Cycle Street, Target	esta Mart #34 🔾	0	Christ Memorial	Baptist Church
	7.40 414	MICHICANIANE TEGAC & CEODOLA ANE TEGAC	4.05 DM	0:04 DM		India Mashi Basia	SESOTITO EQUIEN	9
	7:42 AM 7:46 AM	MICHIGAN AVE 75216 & GEORGIA AVE 75216	4:25 PM	2:04 PM	CEDAR	CREST New Com Church o	forter Church, ELCA	William- Elementar
4026	7:46 AM 7:52 AM	W. LOUISIANA AVE & ARGENTA DR (18) 2400 MICHIGAN AVE 75216	4:21 PM 4:17 PM	2:00 PM 1:56 PM		C E Missouri Ave	The same of	Minois Ave
4020	7:58 AM	E OVERTON RD & S EWING AVE 75216	4:10 PM	1:50 PM	Plasma 🔾	Almeda Or	D. W.	- W-
	8:05 AM	ARRIVE @ OW HOLMES	4:10 PM	1:35/1:45 PN	-	Madrid St Atoll Dr Ambit Energy	Oliver W Humanit	Holm s
Notes:	No change nee		4.00 F W		o Parts 😜	Harbor Rd Company C		
140103.	140 Change nee				Catholic Churi	Cape Cod Dr	topogo Nie	Oprah Beauty Supply
					iesta Mart #3	40	Christ Memorial	Lea Crest Or B
					Rudy's Chicker	John Ne Elementa	christ Memorial Baptist Church Baptist Church	od Maria Ave
					dďst	DISCOUNTS CO	E Overton	Hudspeth A.
					-100	and a	and the same of th	Aolds W.
					E KIEST BIVE	an Crest Or	3 4	Jennikov
	1			1			·4/0. W	. RO

Current Bus Routes Alternative Routes with No Left-Turn onto E. Kiest Boulevard from School

		2022-2023		Early Release December 16 -	
John	Lewis Soc	cial Justice Academy @ Oliver V	Vendell	December 21	
	AM PICK-UP		PM DROP-		
ROUTE	TIME	STOP(s) PICK-UP & DROP-OFF LOCATION	OFF		
	7:39 AM	E 10TH ST & N CLIFF ST 75203	4:33 PM	2:09 PM	
	7:41 AM	MONAGHAN CT 75203 & STATE HWY 180 75203	4:27 PM	2:06 PM	
4038	7:48 AM	CHILDS ST 75203 & AVENUE G 75203	4:20 PM	1:58 PM	
	7:59 AM	VOLARA APTS 3550 E OVERTON RD 752216	4:10 PM	1:50 PM	st Golf Course O Robert Oren Park
	8:05 AM	ARRIVE @ OW HOLMES	4:05 PM	1:35/1:45 PM	
Notes:	May require alt	ernate route as shown below			EST R 1 ft 47 min
		The Section of Contract of Con	1		
		to be a second of the second o			Oliver W. Molmes O. Humanities/ Pedros Tire Sho
		Total Control		111	
		The state of the s	0		Red 5 min 13 mies
		Comment of the Commen	0	9	Rudy's Chicken
		And the state of t	1 12 21	Outline -	
	7:05 AM	TOURERT	4 50 514	0.04.014	
		TOLBERT	4:58 PM	2:34 PM	the W
	7:21 AM	MCNAIR ES	4:58 PM 4:45 PM	2:34 PM 2:23 PM	CSL Plasma Almeda D. Madrid St. Madrid S
4200	7:21 AM 7:39 AM			_	CSL Plasma W Mored to More of the Company Section W Holmes More Auto Parts W More Company Chesper W More More Company Chesper W More Ches
4200		MCNAIR ES	4:45 PM	2:23 PM	Amand is *Amand is *
4200	7:39 AM	MCNAIR ES THORNTON	4:45 PM 4:31 PM	2:23 PM 2:09 PM	Model 3 Model 4 Mod
4200	7:39 AM 7:49 AM	MCNAIR ES THORNTON PEASE	4:45 PM 4:31 PM 4:18 PM	2:23 PM 2:09 PM 1:59 PM	Model 3 Model 3 Model 4 Mod
4200 Notes:	7:39 AM 7:49 AM 7:57 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	Mode 32 Mode 448 Perf Company Despire Auto Entry Electric Company Despire Auto Entry Stock Humanites Other Auto Entry Electric Company Despire Company Despi
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	Model 3 Model 3 Model 4 Mod
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	More W. Monites Audio E. Anthol Energy Bectic St James Calfolic Church Love Out D Period Mark 24 Company Chapter Chapter Chapter But Chapter Company Chapter Company Chapter Chapter Chapter Company Chapter Chapter Chapter Company Chapter Chapter Chapter Company Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Chapter Cha
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	Audo B Andre Farty Becht, Manager Humanites/ Audo B Andre Farty Becht, Manager Humanites/ St. James Carbolic Church Core out 5 Fiesta Mart 8.1 Core out 5 Fiesta Mart 8.1 Core out 5 Core out
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	Mode 2 Mode W. Notices Audio Exercise Auto Energy Eache First Americ Catholic Church Company Chalce John New Broom Budy's Chicke Surviva Chicke Company Chalce Company
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	More Burner And Fact Company Checker Control New Properties Control New Properties Control Control New Properties Control Control New Properties Control Control New Properties Control
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	More Brown And Farth Company Change Carbon Council Service C
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	Mode 2 Mo
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	More B. Mor
	7:39 AM 7:49 AM 7:57 AM 8:05 AM	MCNAIR ES THORNTON PEASE HOLLAND ES ARRIVE @ OW HOLMES	4:45 PM 4:31 PM 4:18 PM 4:12 PM	2:23 PM 2:09 PM 1:59 PM 1:51 PM	More B. More W. Holmer W. Holmer B. More Manual M. Company Chesper Part James C. Strack C. Control P. Sont New Print Sont New Print Sont Memorial C. Sont New Print Sont New