

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
DORRL	TWO	DORRL2.DORRL	ONE	05/19/2022	21 Mar 2024

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

This is a corrected copy of the procedure published in NFDD 001.
** See page 5 for details. **

DP ROUTE DESCRIPTION:

FORT LAUDERDALE/HOLLYWOOD INTL:

TAKEOFF RWY 10L: CLIMB ON HEADING 096.36 TO 580, THEN CLIMBING LEFT TURN HEADING 060.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 10R: CLIMB ON HEADING 096.37 TO 580, THEN CLIMBING LEFT TURN HEADING 060.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 28L: CLIMB ON HEADING 276.38 TO 580, THEN CLIMBING RIGHT TURN HEADING 305.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 28R: CLIMB ON HEADING 276.37 TO 580, THEN CLIMBING RIGHT TURN HEADING 305.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

MIAMI INTL:

TAKEOFF RWY 8L: CLIMB ON HEADING 092.38 TO 520, THEN CLIMBING LEFT TURN HEADING 060.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 8R: CLIMB ON HEADING 092.38 TO 520, THEN CLIMBING LEFT TURN HEADING 060.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 9: CLIMB ON HEADING 092.37 TO 520, THEN CLIMBING LEFT TURN HEADING 060.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 12: CLIMB ON HEADING 124.46 TO 520, THEN CLIMBING LEFT TURN HEADING 060.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 26L: CLIMB ON HEADING 272.39 TO 520, THEN CLIMBING RIGHT TURN HEADING 320.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 26R: CLIMB ON HEADING 272.39 TO 520, THEN CLIMBING RIGHT TURN HEADING 320.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27: CLIMB ON HEADING 272.39 TO 520, THEN CLIMBING RIGHT TURN HEADING 320.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 30: CLIMB ON HEADING 304.47 TO 520, THEN CLIMBING RIGHT TURN HEADING 320.00 OR AS ASSIGNED BY ATC FOR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

FORT LAUDERDALE EXEC:

TAKEOFF RWY 9: CLIMB ON HEADING 090.78 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 13: CLIMB ON HEADING 135.80 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27: CLIMB ON HEADING 270.79 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 31: CLIMB ON HEADING 315.80 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

HOMESTEAD ARB:

TAKEOFF RWY 6: CLIMB ON HEADING 055.32 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 24: CLIMB ON HEADING 235.33 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

MIAMI EXEC:

TAKEOFF RWY 9L: CLIMB ON HEADING 093.31 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 9R: CLIMB ON HEADING 093.31 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 13: CLIMB ON HEADING 133.34 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27L: CLIMB ON HEADING 273.32 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27R: CLIMB ON HEADING 273.32 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 31: CLIMB ON HEADING 313.35 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

MIAMI HOMESTEAD GENERAL AVIATION:

TAKEOFF RWY 10: CLIMB ON HEADING 095.69 TO 2000, OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 18: CLIMB ON HEADING 185.49 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 28: CLIMB ON HEADING 275.69 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 36: CLIMB ON HEADING 005.49 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

MIAMI-OPA LOCKA EXEC:

TAKEOFF RWY 9L: CLIMB ON HEADING 092.94 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 9R: CLIMB ON HEADING 092.96 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

QUALITY
20
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
DORRL	TWO	DORRL2.DORRL	ONE	05/19/2022	21 Mar 2024

TAKEOFF RWY 12: CLIMB ON HEADING 127.84 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27L: CLIMB ON HEADING 272.97 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 27R: CLIMB ON HEADING 272.95 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 30: CLIMB ON HEADING 307.84 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

POMPANO BEACH AIRPARK:

TAKEOFF RWY 6: CLIMB ON HEADING 059.66 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 10: CLIMB ON HEADING 104.64 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 15: CLIMB ON HEADING 149.65 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 24: CLIMB ON HEADING 239.67 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 28: CLIMB ON HEADING 284.64 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...
TAKEOFF RWY 33: CLIMB ON HEADING 329.65 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS LIFRR AT OR ABOVE 4000, THENCE...

...ON TRACK 001.81 TO BOGY, THEN ON TRACK 004.68 TO DORRL THEN ON (TRANSITION), MAINTAIN ALTITUDE AS ASSIGNED BY ATC, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
MATLK	DORRL2.MATLK	DORRL	BENNS	TRACK 345.35	33.73	10000	1600	
		BENNS	FUNNR	TRACK 345.63	26.08	12000	1500	
		FUNNR	MATLK	TRACK 325.25	15.22	FL 180	1500	
ONEWY	DORRL2.ONEWY	DORRL	BENNS	TRACK 345.35	33.73	10000	1600	
		BENNS	FUNNR	TRACK 345.63	26.08	12000	1500	
		FUNNR	ONEWY	TRACK 346.58	46.38	FL 180	3000	

PBN REQUIREMENT NOTES:
RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:
RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: FOR TURBO-PROPS/PROPS FILED AT OR ABOVE 13000.

TAKEOFF MINIMUMS:
FORT LAUDERDALE/HOLLYWOOD INTL:
RWY 10L, 10R, 28L, 28R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 580.

MIAMI INTL:
RWY 8L, 8R, 9, 12, 26L, 26R, 27, 30: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 520.

FORT LAUDERDALE EXEC:
RWY 9, 13, 27, 31: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 520.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
DORRL	TWO	DORRL2.DORRL	ONE	05/19/2022	21 Mar 2024

HOMESTEAD ARB:

RWY 6: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1800.

RWY 24: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 2200.

MIAMI EXEC:

RWY 9L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1300.

RWY 9R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1500.

RWY 13: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1800.

RWY 27L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1900.

RWY 27R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1700.

RWY 31: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1400.

MIAMI HOMESTEAD GENERAL AVIATION:

RWY 10: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 2500.

RWY 18: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1900.

RWY 28: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1900.

RWY 36: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 2200.

MIAMI-OPA LOCKA EXEC:

RWY 27L, 30: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 520.

RWY 9L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1000.

RWY 9R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 700.

RWY 12, 27R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 600.

POMPANO BEACH AIRPARK:

RWY 6, 10, 15, 24, 28, 33: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 520.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PREOCEDURES (ODP).

CONTROLLING OBSTACLES:

MIAMI INTL:

RWY 8L: 164 FT MSL TOWER 254832.18N/0801527.90W.

RWY 12: 1049 FT MSL BUILDING 254542.37N/0801135.45W.

FORT LAUDERDALE EXEC:

RWY 27: 411 FT MSL TOWER 261047.32N/0801314.71W.

HOMESTEAD ARB:

RWY 6, 24: 1849 FT MSL TOWER 253223.94N/0802806.43W.

MIAMI EXEC:

RWY 9L, 9R, 13, 27L, 27R, 31: 1849 FT MSL TOWER 253223.94N/0802806.43W.

MIAMI HOMESTEAD GENERAL AVIATION:

RWY 10, 18, 28, 36: 1849 FT MSL TOWER 253223.94N/0802806.43W.

MIAMI-OPA LOCKA EXEC:

RWY 9L, 9R, 12, 27R: 1050 FT MSL ANTENNA 255730.91N/0801243.24W.

POMPANO BEACH AIRPARK:

RWY 10: 213 FT MSL BUILDING 261438.31N/0800513.80W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 174 FT MSL BUILDING 261449.54N/0800511.19W (VISIBILITY).

RWY 15: 308 FT MSL BUILDING 261351.00N/0800526.00W (CLIMB GRADIENT, CLIMB TO ALTITUDE, CEILING), 265 FT MSL BUILDING 261309.79N/0800527.07W (VISIBILITY).



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DORRL	TWO	DORRL2.DORRL	ONE	05/19/2022	21 Mar 2024

MSA:

KFLL: MSA FROM KFLL, 2100
KMIA: MSA FROM KMIA, 2900
KHST: MSA FROM KHST, 2900
KOPF: MSA FROM KOPF, 2900
KTMB: MSA FROM KTMB, 2900
KX51: MSA FROM KX51, 2900
KFXE: MSA FROM KFXE, 2600
KPMP: MSA FROM KPMP, 2600

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

AIRPORT MV: FLL (P) 6W/2015, MIA 5W/2000, FXE 7W/2015, HST 6W/2015, TMB 6W/2010, X51 6W/2010, OPF 6W/2010, PMP 7W/2015.
DME/DME ASSESSMENT: SAT (RNP 2.0).
ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KFLL	FORT LAUDERDALE	FL
KMIA	MIAMI	FL
KFXE	FORT LAUDERDALE	FL
KHST	HOMESTEAD	FL
KTMB	MIAMI	FL
KX51	HOMESTEAD	FL
KOPF	MIAMI	FL
KPMP	POMPANO BEACH	FL

COMMUNICATIONS:

CHART: ATIS, AWOS, CLNC DEL, GND CON, KFLL ATCT, KFXE ATCT, KMIA ATCT, KTMB ATCT, KOPF ATCT, KHST ATCT, KPMP ATCT, CPDLC.

FIXES AND/OR NAVAIDS:**REMARKS:**

ABBREVIATED AMENDMENT.
THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.
KPMP RWY 10, 15 AND KFXE RWY 27 CG AND CGTA REQUIREMENTS ARE MITIGATED BY LNAV ENGAGEMENT CG 500 FT/NM TO 520 FT.
CHART NOTE: MIAMI INTL, FORT LAUDERDALE/HOLLYWOOD INTL ONLY: SEE ADDITIONAL REQUIREMENTS ON AAUP.

<u>DP NAME</u> DORRL	<u>NUMBER</u> TWO	<u>DP COMPUTER CODE</u> DORRL2.DORRL	<u>SUPERSEDED NUMBER</u> ONE	<u>DATED</u> 05/19/2022	<u>ACTUAL EFFECTIVE DATE</u> 21 Mar 2024
<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>		<u>OFFICE</u>	<u>DATE</u>	
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.	<i>Digitally signed by</i> CASIMIR L TABAKA Oct 31, 2023				
<u>DEVELOPED BY</u>	<u>SIGNATURE</u>		<u>OFFICE</u>	<u>DATE</u>	
WILLIAM HANBY	<i>Digitally signed by</i> WILLIAM HANBY Oct 17, 2023		AJV-A432	10/17/2023	
<u>APPROVED BY</u>	<u>SIGNATURE</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
BEVERLY BORDY	<i>Digitally signed by</i> CASIMIR L TABAKA Oct 31, 2023		AJV-A430		MANAGER
<u>REQUIRED EFFECTIVE DATE</u> ROUTINE					
<u>COORDINATED WITH:</u>					

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZMA, MIA DEP CON, AMGR, KFLL ATCT, KFXE ATCT, KTMB ATCT, KOPF ATCT, KHST ATCT, KMIA ATCT, KPMP ATCT.

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION: ALL AIRPORTS AND ALL RUNWAYS CHANGED FROM "CROSS LIFRR AT 4000" TO "CROSS LIFRR AT OR ABOVE 4000" - PER ATC REQUEST.
2. TRANSITION ROUTES: UPDATED TRANSITION COMPUTER CODES NUMBER TO REFLECT CURRENT AMENDMENT - REQUIRED DOCUMENTATION PER FAAO 8260.46J, PARA 3-1-5C CRITERIA.
3. MSA: ADDED "KFLL: MSA FROM KFLL, 2100
KMIA: MSA FROM KMIA, 2900
KHST: MSA FROM KHST, 2900
KOPF: MSA FROM KOPF, 2900
KTMB: MSA FROM KTMB, 2900
KX51: MSA FROM KX51, 2900
KFXE: MSA FROM KFXE, 2600
KPMP: MSA FROM KPMP, 2600 - PER FAAO 8260.46J, APPENDIX E.
4. ADDITIONAL FLIGHT DATA: ADDED "AIRPORT MV: FLL (P) 6W/2015, MIA 5W/2000, FXE 7W/2015, HST 6W/2015, TMB 6W/2010, X51 6W/2010, OPF 6W/2010, PMP 7W/2015." - PER ATC REQUEST AND IAW CRITERIA CLARIFICATION MEMO (7/15/2022) TO MEMO 283 (6/2/2022).
5. REMARKS: CHANGED FROM "CHART NOTE: MIAMI INTL, FORT LAUDERDALE/HOLLYWOOD INTL ONLY SEE ADDITIONAL REQUIREMENTS ON AAUP." TO "CHART NOTE: MIAMI INTL, FORT LAUDERDALE/HOLLYWOOD INTL ONLY: SEE ADDITIONAL REQUIREMENTS ON AAUP." AND ADDED "ABBREVIATED AMENDMENT" - PER ATC REQUEST, IAW FAA 8260.46J, APPENDIX E.

2/06/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/31/23.

1. TRANSITION ROUTES: CHANGED MEAS FROM "18000" TO "FL 180" IN TRANSITION SEGMENTS FROM FUNNR TO MATLK AND FUNNR TO ON EWY - CORRECT DOCUMENTATION ERROR FROM ORIGINALLY PUBLISHED DEPARTURE OF FLIGHT LEVEL 180 (FL 180) VICE 18,000 FT MSL.

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
DORRL					TWO	DORRL2.DORRL	ONE	05/19/2022	21 Mar 2024
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
LIFRR	262157.23N/0802117.94W	Y	-	IF	-	-	AT/ABOVE 4000		
BOGY	263050.13N/0802201.48W	Y	FB	TF	355.81	8.88			
DORRL	264153.97N/0802218.39W	Y	FB	TF	358.68	11.03			
DORRL	264153.97N/0802218.39W	Y	-	IF	-	-			DORRL2.MATLK
BENNS	271332.46N/0803538.78W	Y	FB	TF	339.35	33.73			
FUNNR	273803.41N/0804552.10W	Y	FB	TF	339.63	26.08			
MATLK	274936.54N/0805704.27W	Y	FB	TF	319.25	15.22			
DORRL	264153.97N/0802218.39W	Y	-	IF	-	-			DORRL2.ONEWY
BENNS	271332.46N/0803538.78W	Y	FB	TF	339.35	33.73			
FUNNR	273803.41N/0804552.10W	Y	FB	TF	339.63	26.08			
ONEWY	282153.66N/0810321.04W	Y	FB	TF	340.58	46.38			