

Drive Thru

25'-1/4"
37'-13/16"
2"x2"x1/8" TUBULAR POST

Enter

Exit

ENTER AND EXIT DIRECTIONAL SIGNS

CHECK BOX NEXT TO THE FACES YOU NEED AND STATE QUANTITY
NOTE: If face has a directional arrow right, opposite side will need an arrow left

Drive Thru: A1, A2, A3
Enter: A4, A5, A6
Exit: A7, A8, A9

NOTES:
1. THIS DETAIL IS PROVIDED BY TACO BELL AND IS FOR REFERENCE PURPOSES ONLY.
2. CONTRACTOR TO COORDINATE WITH SIGN VENDOR FOR FINAL EQUIPMENT, SIGNAGE DETAILS AND SPECIFICATIONS.

NOTE: Custom face layouts are also available, pending approval by Taco Bell Corporate. All face copy must be indicated at time of order.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
PAVEMENT JOINT RT 7.1

ASPHALT DRIVEWAY APRON

24" LONG SMOOTH DOWEL @ 18" O.C.
DOWEL DIAMETER = 1/8" (IN)

VERTICAL SAW-CUT 1/4" MIN.

POURED JOINT SEALING COMPOUND

SECTION A-A
NOT TO SCALE

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CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
ASPHALT DRIVEWAY APRON RT 9.2

CONCRETE JOINT DETAILS

24" LONG SMOOTH DOWEL @ 18" O.C.
DOWEL DIAMETER = 1/8" (IN)

VERTICAL SAW-CUT 1/4" MIN.

POURED JOINT SEALING COMPOUND

CONTRACTION JOINT

TRANSVERSE EXPANSION JOINT

CONSTRUCTION JOINT

NOTES:
1. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.
2. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
CONCRETE JOINT DETAILS RT 9.2

PAVEMENT JOINT DETAIL

NEW CONSTRUCTION PAVEMENT JOINT

NEW OVERLAY PAVEMENT JOINT

NOTE: THIS METHOD OF PAVEMENT JOINT SHALL BE USED FOR ANY APPLICATION OR CONSTRUCTION WHERE PROPOSED PAVEMENT AND BASE WILL BE CONNECTED TO EXISTING PAVEMENT AND BASE.

NOTE: THIS METHOD OF PAVEMENT JOINT SHALL BE USED FOR ANY APPLICATION OR CONSTRUCTION WHERE PROPOSED PAVEMENT WILL BE CONNECTED TO EXISTING PAVEMENT.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
PAVEMENT JOINT RT 7.1

ASPHALT PAVING DETAIL

ASPHALT TYPE	LAYER DEPTH
HEAVY DUTY	ASPHALT LOCATION
DRIVE THRU	ASPHALT SURFACE COURSE
2.0"	BASE COURSE
8.0"	COMPACTED SUBGRADE
12.0"	

TYPE 5' ASPHALTIC CONCRETE SURFACE COURSE (OR TYPE SP-9.5) PER FDOT DIVISION 334 IN TWO LIFTS

COMPACTED SUBGRADE TO 98% OR GREATER OF MAXIMUM DRY DENSITY PER ASTM D-1557

AGGREGATE BASE COURSE PER FDOT SEC. 204, 285

DETAIL NOTES:
1. AGGREGATE BASE COURSE CAN BE LIMEROCK OR CRUSHED CONCRETE (LBR = 100). COMPACT BASE COURSE TO 98% OF THE MATERIALS MAXIMUM DRY DENSITY PER ASTM D-1557.
2. COMPACTED SUBGRADE TO ACHIEVE A MINIMUM LBR OF 40.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
ASPHALT PAVING DETAIL RT 7.1

CONCRETE SLAB DETAIL

SLAB COMPONENT	CONCRETE SLAB LOCATION
DUMPSTER	DRIVE-THRU
7.0"	5.0"
12.0"	12.0"
4000 PSI	4000 PSI

4X4-W4.0 X W4.0 WELDED WIRE MESH

REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT PER FDOT STANDARD SPECIFICATIONS SECTION 350

PREPARED SUBGRADE PER FDOT STANDARD SPECIFICATIONS SECTION 180, TYPE B

NOTE: THESE ARE MINIMUM SPECIFICATIONS. REFER TO GEOTECHNICAL REPORT FOR FINAL SPECIFICATIONS.

DETAIL NOTES:
1. SUBGRADE MATERIALS SHALL MEET FDOT REQUIREMENTS INCLUDING COMPACTION TO 98% OF ITS MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557.
2. CONCRETE PAVEMENT SHALL MEET THE MORE STRINGENT REQUIREMENT OF EITHER THE SPECIFICATIONS PROVIDED BY THE OWNER, LOCAL CITY/COUNTY REQUIREMENTS, OR FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. CONTRACTOR TO CONSTRUCT CONCRETE PAVEMENT WITH TRANSVERSE JOINTS AT 10' O.C. JOINTS TO BE CONSTRUCTED PER DETAIL ON THIS PAGE.
4. CONTRACTOR TO DOWEL AND JOINT BETWEEN CONCRETE SLAB AND CURB.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
CONCRETE SLAB DETAIL RT 9.2

CONCRETE SIDEWALK DETAIL

CLEAN AND GRADE SUBGRADE MIN. 95% MAX DENSITY PER AASHTO T-99

1/4" PER FT. SLOPE

MEET G GRADE UNLESS OTHERWISE SHOWN

SECTION A-A

CLASS 1 CONCRETE PER SECTION 345, F.D.O.T. STD SPECIFICATIONS 3000 PSI MIN.

TYPE "A" JOINT

TYPE "B" JOINT

NOTE: 1. ALL SIDEWALKS SHALL BE CONSTRUCTED THRU DRIVEWAYS.
2. ALL SIDEWALKS SHALL INCLUDE ADA COMPLIANT RAMPS @ INTERSECTIONS.
3. ALL SIDEWALKS SHALL INCLUDE CROSS SLOPE AND RUNNING SLOPE IN ACCORDANCE WITH ADA REQUIREMENTS.
4. CURB RAMP DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE RAMP AND 3' DEEP.

RESIDENTIAL AREAS	TYPE	LOCATION
WITHIN 10' OF CROSS-STREETS, AT DRIVEWAYS & OTHER AREAS	"A"	P.C. AND P.T. OF CURVES JUNCTION OF EXISTING & NEW SIDEWALKS & EVERY 30'
SINGLE-FAMILY AREAS	"B"	5'-0" CENTER TO CENTER ON SIDEWALKS SCRIBED DURING PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT.
MULTI-FAMILY AREAS	"A"	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
CONCRETE SIDEWALK DETAIL RT 5.1

TURNED DOWN CONCRETE WALK DETAIL

VARIES REFER TO SITE PLAN

FINISH WITH 1/2" RADIUS TOOL

#4 BAR AT 48" O.C VERTICAL

COLD JOINT WITH BOND BREAKER, TOOLED

4" THICK CONCRETE SIDEWALK WITH 6X6-W1.2XW1.2 WELDED WIRE MESH REINFORCEMENT. 4000 PSI @ 28 DAYS

#5 BAR HORIZONTAL AT TOP AND BOTTOM (STOP REINFORCING AT JOINTS)

DETAIL NOTES:
1. PROVIDE 1/2" PREMOULDED EXPANSION JOINT FILLER AT 60" CENTERS, CHANGES IN DIRECTION, AND ABUTTING SEPARATE POURS.
2. PROVIDE TOOLED CONTRACTION JOINTS AT 10' CENTERS.
3. SUBGRADE TO BE COMPACTED TO 95% OR GREATER OF MAX. DRY DENSITY PER ASTM D-1557

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
TURNED DOWN CONCRETE WALK DETAIL RT 5.1

CURB TRANSITION DETAIL

EDGE OF PAVT.

PLAN

TOP OF CURB

3" TRANS.

GUTTER

PROFILE

STRAIGHT END

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
CURB TRANSITION DETAIL RT 6.2

FLARED END FOR CURB AND GUTTER DETAIL

3'

END OF CURB

1'±

2'±

EDGE OF PAVT.

PLAN

TOP OF CURB

3" TRANS.

GUTTER

PROFILE

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
FLARED END FOR CURB AND GUTTER DETAIL RT 6.2

CONCRETE CURB DETAILS

2 NO. 4 BAR PLACED ON PAVEMENT SIDE

WEARING SURFACE

12"

CONCRETE HEADER CURB

NOT TO SCALE

VALLEY GUTTER

NOT TO SCALE

NOTE: SAWCUTS REQUIRED AT 10' CENTERS.

F.D.O.T. TYPE "D"

CONCRETE CURB

NOT TO SCALE

F.D.O.T. TYPE "F"

CONCRETE CURB AND GUTTER

NOT TO SCALE

NOTE: WHEN USED ON HIGH SIDE OF ROADWAYS, CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LP SHALL BE 6" MIN.

NOTES:
1. ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
2. SAWCUTS AT 10' CENTERS SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
CURB AND GUTTER SECTIONS RT 6.1

BIKE RACK DETAIL

ONE RACK ELEMENTS SUPPORTS TWO BIKES

INVERTED "U" "A" POST AND LOOP

THE LOCATION OF THE BICYCLE RACK SHOULD BE SUCH THAT IT IS VISIBLE AND IS COMPLIANT WITH "ADA" STANDARDS. PREFERABLY ON THE APPROACH SIDE OF THE BUILDING OR STRUCTURE PARKING IS EXPECTED. AT LEAST 50% OF THE BICYCLE PARKING SPOTS SHOULD BE COVERED BY AN OVERHANG OR ACTUAL STORAGE FACILITY. UPPER ELEMENTS OF THE BICYCLE RACK SHOULD NOT PROTRUDE, CREATING AN OBSTACLE FOR A BLIND TRAVELER.

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
BIKE RACK RT 13.1

BOLLARD DETAIL

4" STD. WT. STEEL PIPE FILLED WITH CONCRETE. COLOR OF FINISH COAT SHALL BE OSHA SAFETY YELLOW

6" GRAVEL FILL

CLASS "A" CONCRETE (3000 PSI MIN.)

36" TO 48"

2'-0"

CITY OF DELRAY BEACH ENVIRONMENTAL SERVICES DEPARTMENT
BOLLARD DETAIL RT 5.2

GROUP

CKE GROUP INCORPORATED

engineering • architecture • planning

15500 NEW BARN ROAD
SUITE 106
MIAMI LAKES, FLORIDA 33014

PHONE: (305) 558-4124
FAX: (305) 826-0619
EB#0004432

SEAL

EDUARDO L. CARCACHE
CIVIL ENGINEER-PE 31914
ANA A. GONZALEZ VALDEZ
ARCHITECT-AR 97769

NO.	DATE	DESCRIPTION
1	03-02-18	
2		
3		
4		
5		
6		
7		
8		
9		
10		

CONTRACT DATE: -----
BUILDING TYPE: CUSTOM
PLAN VERSION: 1
SITE NUMBER: 309797
STORE NUMBER: 420630

TACO BELL

5070 W. Atlantic Blvd.
Delray Bch., FL

TACO BELL

T-40 OPEN KITCHEN
DELRAY BEACH SOL
CONSTRUCTION
DETAILS

CD-2

PLOT DATE: 07-26-2018