CONCRETE PARABOLIC CROWN STREETS

TYPICAL CROSS SECTION 45' B-B CONC. PVMT.

SECTION

FINISH SHALL BE DONE WITH A BAKER BROOM.

THE CONTRACTOR SHALL INSTALL SUPPORTING CHAIRS FOR REINFORCING STEEL ON A ONE SQUARE YARD SPACING IN ALL JOINTS. SEE DETAIL SHT. PV-01

PER CITY OF IRVING SPECIFICATIONS.

EXPECTED TRAFFIC LOADING AS APPROVED BY THE CITY.

NOTE:

THE CONTRACTOR SHALL INSTALL SUPPORTING CHAIRS FOR REINFORCING STEEL ON A ONE SQUARE YARD SPACING IN ALL JOINTS. SEE DETAIL SHT. PV-01

# 5 BARS -- 2% --> 4:1 MAX. --> 5 SACK MIN. REINF. CONCRETE

PER CITY OF IRVING SPECIFICATIONS.

T=6" MIN. (RESIDENTIAL)

T=8" MIN. (COMMERCIAL)

8" CONCRETE CURB

6" MONOLITHIC CONCRETE SIDEWALK

4" CONCRETE SIDEWALK

18" O.C.E.W.

10'-6"

5'-0"

5 SACK MIN. REINF. CONCRETE

6'-0"

4'-6"

2'-0"

FIRST POUR

SECOND POUR

N.T.S.

SYMETRICAL ABOUT

R.O.W.

R.O.W.

SURFACE OF PAVEMENT

PAVEMENT

SECTION

SECTION

SECTION

SECTION

THE CITY OF IRVING

825 West Irving Boulevard

www.cityofirving.org

Irving, Texas 75060

972.721.2611
NOTES:

** "T" AND REBAR MAY BE REQUIRED TO BE GREATER BASED ON GEOTECH REPORT AND EXPECTED TRAFFIC LOADING AS APPROVED BY THE CITY.

THE CONTRACTOR SHALL INSTALL SUPPORTING CHAIRS FOR REINFORCING STEEL ON A ONE SQUARE YARD SPACING IN ALL CONCRETE PAVEMENT. THE CHAIRS, TO BE INSTALLED, SHALL HAVE BASES OR PLATES ON BOTTOM. THE CHAIRS SHALL CONFORM TO WEIGHTS, WIRE SIZES, AND DIMENSIONS AS SPECIFIED BY THE TEXAS DOT FOR DIFFERENT PAVEMENT THICKNESSES.

A CONSTRUCTION JOINT SHALL BE USED IN ALL BLOCK-CUTS FOR DRIVEWAYS, INLETS, ETC. CONCRETE STREET FINISH SHALL BE DONE WITH A BAKER BROOM.

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**T** 10" MIN.**

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5'-0" to 10'-6"

---

10'-6"

---

25'-0" B-B

---

4' 6" to 10' 6"

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HALF-SECTION w/ LEFT TURN LANE

---

4' 6" to 10' 6"

---

HALF-SECTION w/ RIGHT TURN LANE

---

4' 6" to 10' 6"

---

MASTER THOROUGHFARE/BROADWAY

TYPICAL CROSS SECTION 4 LANE DIVIDED CONCRETE PAVEMENT

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4" CONC. SIDEWALK

PER CITY OF IRVING SPECIFICATIONS

SEE DETAIL PV-11

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6" MONOLITHIC CONC. CURB

SEE DETAIL PV-01

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SAWED LONGITUDINAL JOINT OR PERMISSIBLE CONSTRUCTION JOINT. SEE DETAIL SHT. PV-01
EXPANSION JOINT
REFER TO CITY OF IRVING SPECIFICATION SECTIONS:
01005 - APPROVED PRODUCTS LISTING
PVMT - PAVEMENT MAPPING

NTS EXCEEDS 11%
ALGEBRAIC DIFFERENCE
PROVIDE 24" LEVEL STRIP IF 25' RADIUS CURB RETURNS
2% Max.

STANDARD DETAILS
ADA TRUNCATED DOME DETECTABLE WARNINGS
BARRIER FREE RAMPS
ADA RAMP
24" TRUNCATED DOME SECTION
0.2" 2.35"

ALGEBRAIC DIFFERENCE GREATER THAN 11% NOT PERMITTED
FOR APPROVED PRODUCTS LISTING SPECIFICATIONS SECTION 01005

ADA TRUNCATED DOMES SHALL BE PER CITY OF IRVING CONSTRUCTION
PER CITY OF IRVING
ADA TRUNCATED DOMES

2% Max.
ALL 8% RAMPS CANNOT EXCEED 6' IN LENGTH.
ENTIRE BARRIER FREE RAMP SHALL HAVE A 1" SAND CUSHION.

TRUNCATED DOME PLAN VIEW
SECTION C - C

A 2 FOOT LONG WIDTH FROM BACK OF CURB. THE REMAINDER OF THE
BRICK PAVERS w/ CAST IN PLACE TILES
BARRIER FREE RAMPS SHALL BE 8" REINFORCED CONCRETE (4000 PSI) FOR
PAVING DETAILS FOR CONCRETE STREETS SHEET PV-01.

BARRIER FREE RAMPS SHALL BE DOWELED INTO EXISTING STREET
EXAMPLE STREET PVMT.

T (VARIES)
2'-0" 18" O.C.E.W.
No. 3 BARS @ No. 4 BARS @ T=8"

MATCH Ex. PVMT.
18" O.C.E.W.
T (VARIES) 2'-0"

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825 West Irving Boulevard

SIDEWALK EASEMENT)
SIDEWALK EASEMENT)
SIDEWALK EASEMENT)

SIDEWALK
SIDEWALK
SIDEWALK

1'-0" 3'-6"±
10'-0" SHOWN (8'-0" TO 10'-0"
2% Max.

EXPANSION JOINT
EXPANSION JOINT
EXPANSION JOINT

STOP BAR IF STOP BAR IF STOP BAR IF

SIDEWALK EASEMENT)
SIDEWALK EASEMENT)
SIDEWALK EASEMENT)

WHEEL CHAIR
WHEEL CHAIR
WHEEL CHAIR

2% Max.
2% Max.
2% Max.

LIMITS OF LIMITS OF LIMITS OF
JOINT JOINT JOINT

8% Max.
8% Max.
8% Max.

RAMP PAY-ITEM
RAMP PAY-ITEM
RAMP PAY-ITEM

CURB TRANSITION
CURB TRANSITION
CURB TRANSITION

7 8 5'-0"± 5'-0"± 5'-0"±
5'-1"
3'-6"± 8" REINF. CONC. PAVEMENT
8" REINF. CONC. PAVEMENT
8" REINF. CONC. PAVEMENT

5'-4" 5'-1"
1'-6" 1'-6" 1'-6"

SIDEWALK EASEMENT)
SIDEWALK EASEMENT)
SIDEWALK EASEMENT)

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