CONCRETE PARABOLIC CROWN STREETS

SECTION
MASTER THOROUGHFARE PLAN 2U ROADWAY
TYPICAL CROSS SECTION 37 B-B CONC. PVMT.

SECTION
MASTER THOROUGHFARE PLAN 4U-1 ROADWAY
TYPICAL CROSS SECTION 41 B-B CONC. PVMT.

NOTE:
4" CONC. SIDEWALK

NOTE:
SEE DETAIL SHT. PV-01

NOTE:
SEE DETAIL SHT. PV-11

NOTE:
IRVING SPECIFICATIONS

NOTE:
IRVING SPECIFICATIONS

CONCEMENT PAVEMENT. THE CHAIRS TO BE INSTALLED AND 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
SECTION
CONCRETE STREET

JOIN.
NOTE:
6" MONOLITHIC

NOTE:
8" T=6" MIN. (RESIDENTIAL)

NOTE:
T=8" MIN. (COMMERCIAL)

T + 6"

SYMETRICAL ABOUT

R.O.W.

1.0'

33'-0"

31'-0"

4' - 6"

2'-0"

T=10"

29'-0"

"T"=6"

"T"=8"

52'-0"

5'-0"

4'-6"

20.0'

18.5'

"T" AND REBAR MAY BE REQUIRED TO BE
GREATER BASED ON GEOTECH REPORT AND
CONSTRUCTION JOINT. SEE DETAIL SHT. PV-01

PER CITY OF IRVING

PER CITY OF IRVING

PER CITY OF IRVING SPECIFICATIONS.

(6 SACK MIN. FOR HAND POURED CONC.)

5 SACK MIN. REINF.CONCRETE

5 SACK MIN. REINF.CONCRETE

(6 SACK MIN. FOR HAND POURED CONC.)

5 SACK MIN. REINF.CONCRETE

4:1 MAX.--> 4:1 MAX.--> 4:1 MAX.--> 4:1 MAX.

FIRST POUR

SECOND POUR

SECTION
MASTER THOROUGHFARE PLAN 4U-2 ROADWAY
TYPICAL CROSS SECTION 45 B-B CONC. PVMT.
MASTER THOROUGHPAVE/BROADWAY
TYPICAL CROSS SECTION 4 LANE DIVIDED CONCRETE PAVEMENT

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 AND 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.
NOTE:
ALL EXPOSED WALL SURFACES SHALL RECEIVE A GRADE 1, CLASS C (TWO RUB) FINISH

"T3"

"H"

N.T.S.
FINISHED GRADE
3
4
" CHAMFER

TYPE "A" RETAINING WALL SECTION

TYPE "B" RETAINING WALL SECTION

TYPE "C" RETAINING WALL SECTION

RETAINING WALL EXPANSION JOINT

NOTES:
SLEEVES FOR DOWELS SHALL HAVE AN INSIDE DIA. OF 1/16" GREATER THAN THE DIA. OF THE DOWELS & SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.

"WT" = WALL THICKNESS

"WT" = WALL THICKNESS
**NEW SIDEWALK TRANSITION TO EXISTING FULL CURB DRIVEWAY**

**5. A 2" SAND CUSHION REQUIRED.**

**@ 18" O.C. E.W.**

**3. REINFORCED STEEL TO BE A S.T.M. A615 GRADE 40, OR GRADE 60.**

**No. 3 BARS**

**NOTES:**

1. **CHAMFER ALL OUTSIDE CORNERS 1/2" RADIUS.**

2. **EXPANSION JOINT**

3. **REDWOOD OR PREMOLD EXPANSION JOINT 25'-0" O.C. MAX.**

4. **FOR 6' SIDEWALK ADJACENT TO CURB**

5. **EXPANSION JOINT**

**TYPICAL SIDEWALK**

**ADJACENT TO CURB AT A TAPERED CURB DRIVEWAY**

(NO Curb CUT NEEDED)

**TYPICAL SIDEWALK**

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LIMITS OF NTS

BARRIER FREE RAMP (BFR TY 03)(20'R.) (OPT 2)

COUNTER SLOPE CONDITIONS

EXCEEDS 11%

PROVIDE 24" LEVEL STRIP IF 5 % Max.

STANDARD DETAILS

ADA TRUNCATED DOME DETECTABLE WARNINGS

STREET SIDE

ADA RAMP

24"

GUTTER LINE

2.35"

2% Max.

ADA TRUNCATED DOMES

ADA RAMP

8%

VERTICAL TRANSITION FROM RAMP TO STREET GUTTER SHALL NOT BE

6'

FILL TO BE MINIMUM 95% STANDARD PROCTOR DENSITY AND SHALL BE

5'

1.66"

ALL 8% RAMPS CANNOT EXCEED 6' IN LENGTH.

2 FOOT LONG WIDTH FROM BACK OF CURB. THE REMAINDER OF

BARRIER FREE RAMP SHALL BE 5" REINFORCED CONCRETE (4000 PSI). THE

T (VARIES)

5'-0" MIN.

BARRIER FREE RAMP SHALL BE 8" REINFORCED CONCRETE (4000 PSI) FOR

PAVING DETAILS FOR CONCRETE STREETS SHEET PV-01.

18" O.C.E.W.

DOWEL-ON ANCHOR JOINT DETAIL

PER CITY OF IRVING

BRICK PAVERS w/ ADA TRUNCATED DOMES

SECTION C - C

TRUNCATED DOME PLAN VIEW

SPA TRUNCATED DOMES SHT. PV-01 ON EXISTING STREET PAVEMENT

APPROACH PRODUCTS LISTING

TRUNCATED DOME SPACING

TRUNCATED DOME SECTION

ADA TRUNCATED DOME DETECTABLE WARNINGS

BARRELL RAMP NOTES:

1. LAYOUT CURB LENGTH VARIES (MINIMUM LENGTH AS SHOWN)

2. BARRIER FREE RAMPS SHALL BE BOWED INTO EXISTING STREET

3. BARRIER FREE RAMPS SHALL BE 8" REINFORCED CONCRETE (4000 PSI) FOR A 2 FOOT LONG WIDTH FROM BACK OF CURB. THE REMAINDER OF THE

4. ALL RAMP CANT SURFACES D" W LENGTH.

5. ALL RAMPS SHALL BE 5%-7% PROCTOR DENSITY AND SHALL BE

6. EXPANSION TRANSITION JOINT TO STREET CURB SHALT NOT BE

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

95% STANDARD PROCTOR DENSITY AND SHALL BE

EXPANSION JOINT

REQUIRED

SIDEWALK

6'-0" MIN.

SIDEWALK

3'-5"

SIDEWALK

5'-0"

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5'-0" MIN.

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