

## FIRE LANE DESIGN SPECIFICATIONS

### Designated Fire Lanes:

To meet the requirements of the Westlake Fire Department for adequate horizontal emergency access, all parts of ALL buildings must be within one hundred fifty feet (150) feet of a public street or a designated fire lane.

#### 1. FIRE LANE WIDTH:

Minimum fire lane width shall be at least twenty-four (24) feet clear (face to face of curbs) without horizontal obstructions.

#### 2. FIRE LANE VERTICAL CLEARANCE:

Minimum fire lane vertical clearance shall be at least fourteen feet zero inches (14'-0")

#### 3. INTERSECTION:

The fire lane must intersect with a dedicated street r.o.w. In addition if the fire lane exceeds one hundred fifty (150) feet in length, it must intersect with a dedicated street r.o.w. at each end of the lane or terminate in a configuration as detailed in the following standard details.

#### 4. PAVING SURFACE;

The fire lane shall be paved in accordance with the Town of Westlake standards as herein detailed.

#### 5. MARKING;

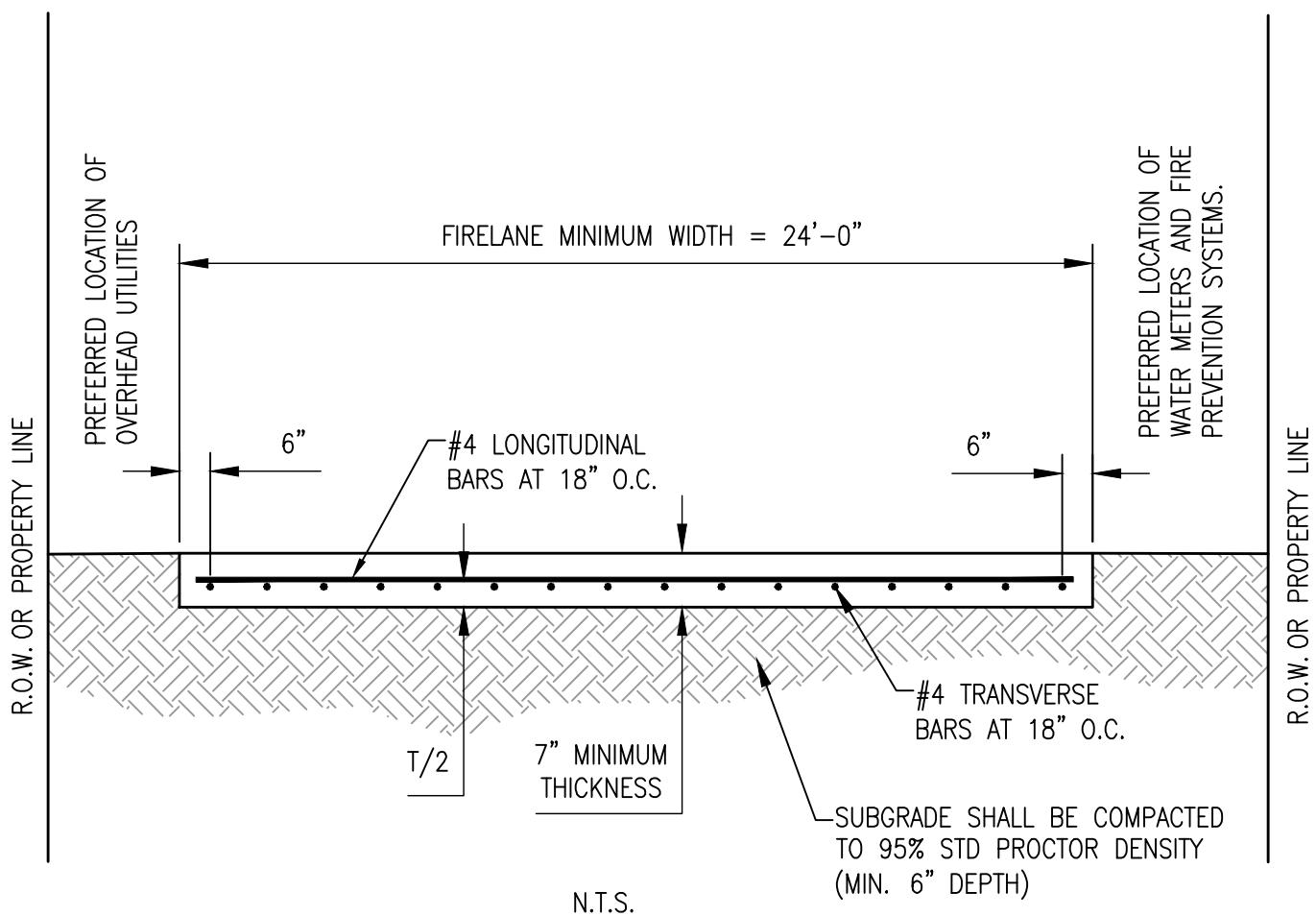
The designated fire lane shall be marked as detailed in the following standard details.

SEPTEMBER 2022



TOWN OF WESTLAKE  
1500 SOLANA BOULEVARD  
BLDG. 7, SUITE 7200  
WESTLAKE, TEXAS 76262

FIRE LANE  
DESIGN  
SPECIFICATIONS  
FD-01



GENERAL NOTES:

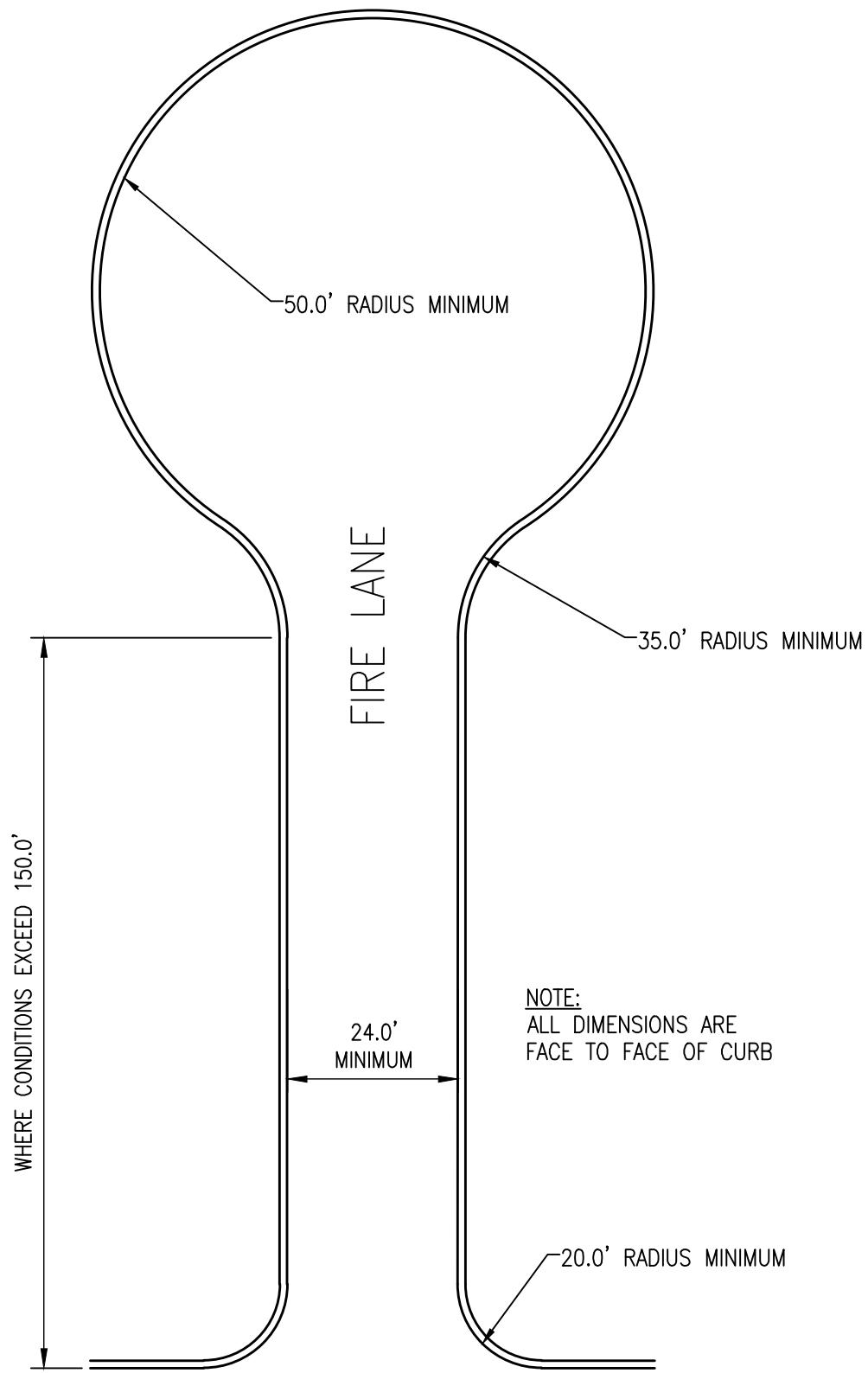
1. CONCRETE PAVING SHALL BE A MINIMUM SOX (6) SACK PER CUBIC YARD MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 P.S.I. AT 28 DAYS AND A MINIMUM SLUMP OF 3 INCHES.
2. REINFORCING SHALL BE NEW BILLET STEEL ASTM A615 GRADE 60 REINFORCING BARS WHICH SHALL BE FREE OF RUST, LOOSE SCALE, PAINT, OIL OR OTHER FOREIGN SUBSTANCES WHICH SHALL PREVENT BONDING OF THE CONCRETE AND REINFORCING BARS.
3. EXPANSION JOINTS SHALL BE PROVIDED AT THE R.O.W. LINE OF THE FIRE LANE APPROACH AND AT A MAXIMUM OF 200 FOOT SPACINGS.
4. WHERE A CURB IS USED, THE REQUIRED CLEARANCE SHALL BE MEASURED FROM THE CURB FACE TO ANY PERMANENT TRAFFIC OBSTACLE.

SEPTEMBER 2022



TOWN OF WESTLAKE  
1500 SOLANA BOULEVARD  
BLDG. 7, SUITE 7200  
WESTLAKE, TEXAS 76262

FIRE LANE  
PAVING  
DETAILS  
FD-02



## TURNAROUND GEOMETRY

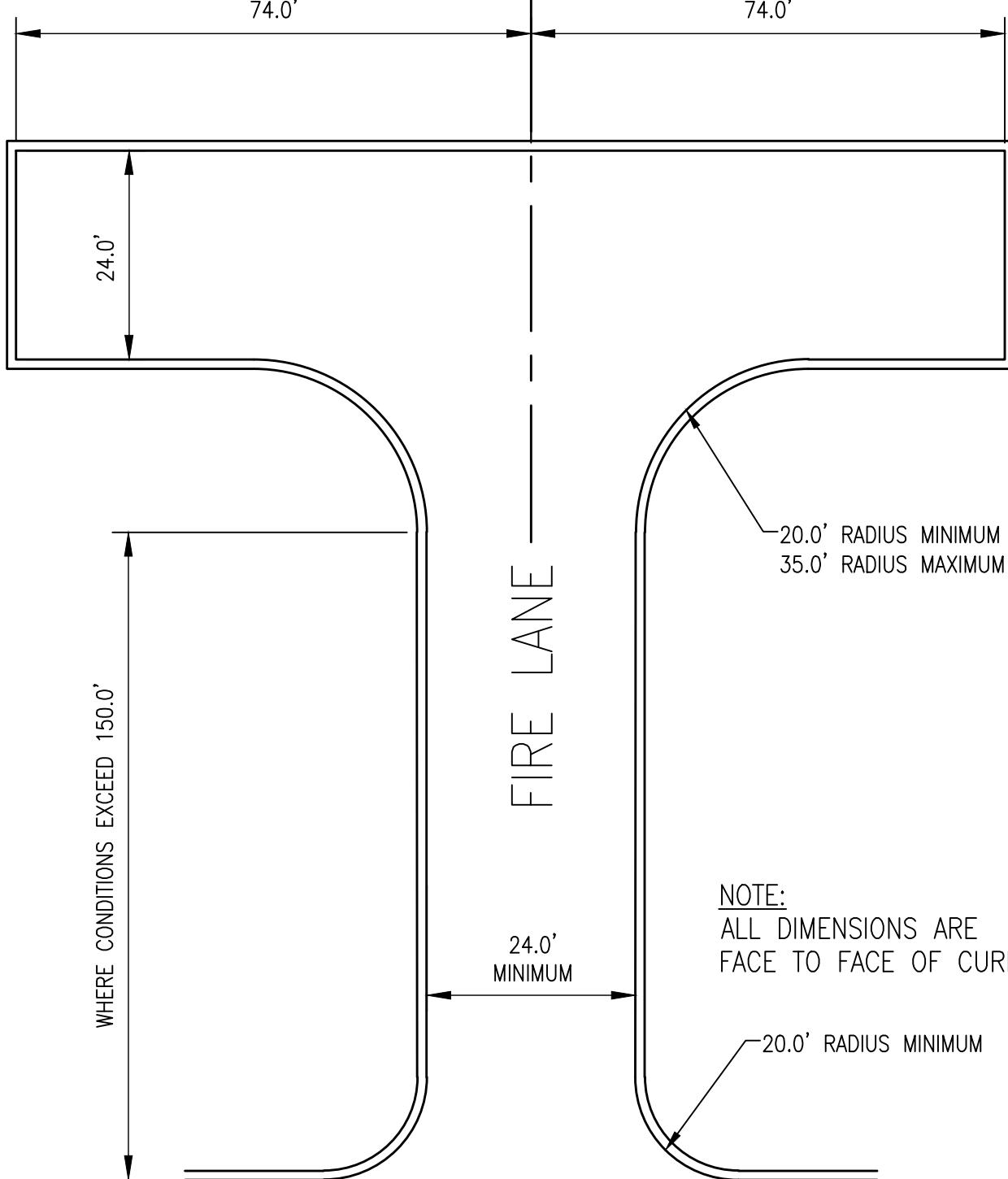
N.T.S.

SEPTEMBER 2022



TOWN OF WESTLAKE  
1500 SOLANA BOULEVARD  
BLDG. 7, SUITE 7200  
WESTLAKE, TEXAS 76262

FIRE LANE  
TURNAROUND  
FD-03



## TURNAROUND GEOMETRY TYPE "A"

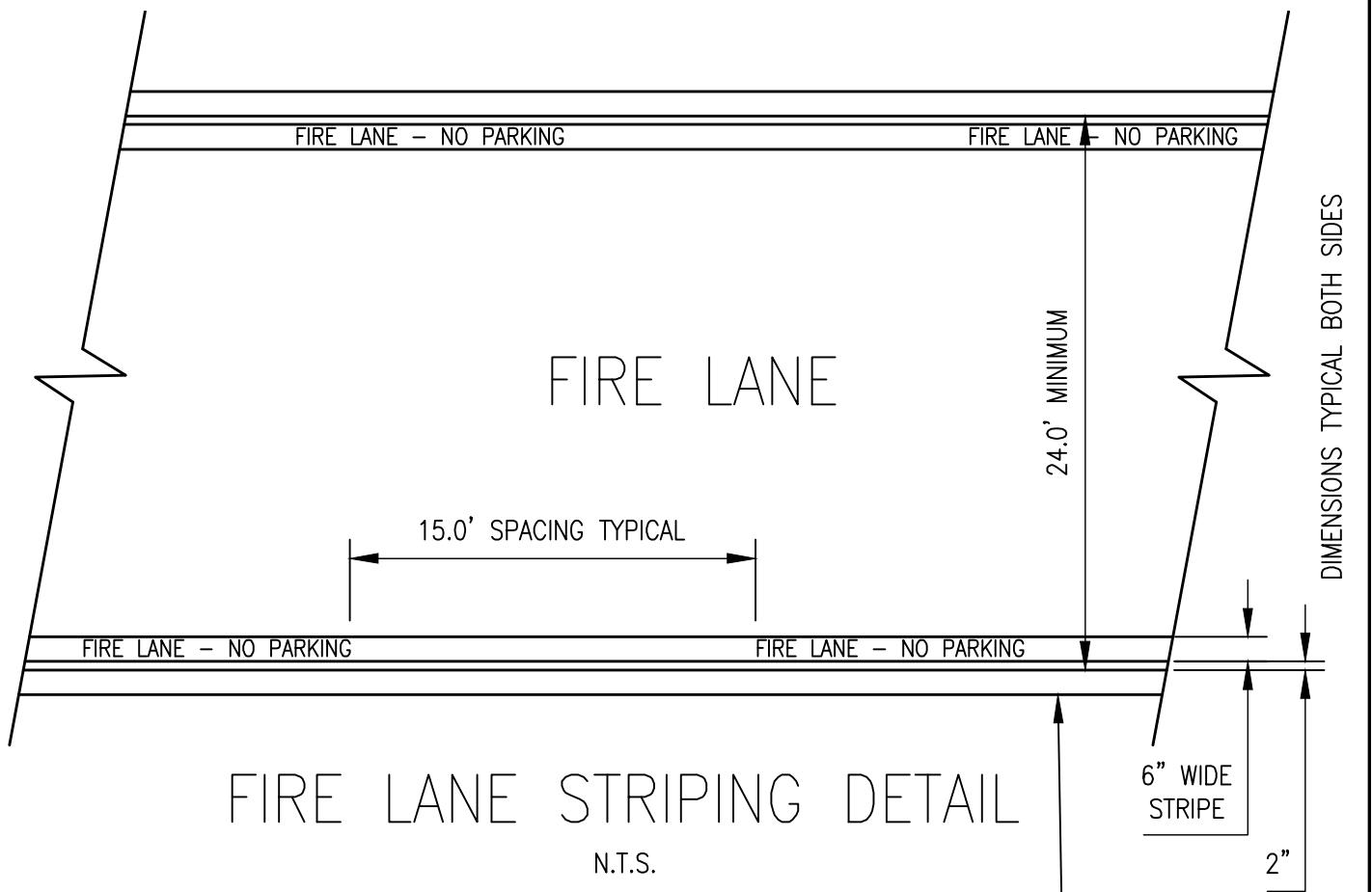
N.T.S.

SEPTEMBER 2022



TOWN OF WESTLAKE  
1500 SOLANA BOULEVARD  
BLDG. 7, SUITE 7200  
WESTLAKE, TEXAS 76262

FIRE LANE  
TURNAROUND  
TYPE "A"  
FD-04



## FIRE LANE STRIPING DETAIL

N.T.S.

SUBGRADE SHALL BE COMPACTED  
TO 95% STD PROCTOR DENSITY  
(MIN. 6" DEPTH)

### STRIPING DETAILS AND SPECIFICATIONS

#### PAINT:

1. STRIPE SHALL BE SIX (6) INCHES WIDE PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT.
2. LETTERS SHALL BE FOUR (4) INCHES HIGH PAINTED WITH AN EXTERIOR ACRYLIC LATEX PAINT. COLOR SHALL BE "TRAFFIC WHITE" GLIDDEN No. 563245 OR EQUAL.

#### APPLICATION:

1. PAVEMENT SHALL BE PREPARED BY SAND BLASTING OR GRINDING FOLLOWED BY HIGH PRESSURE AIR TO BLOW OFF DEBRIS. ALL CURE SHALL BE REMOVED FROM NEW PAVEMENT TO ALLOW PROPER BONDING OF PAINT.
2. STRIPE MAY BE BRUSHED OR SPRAYED, ONE COAT TO FINISH.
3. LETTERS SHALL BE STENCIL FORMED, BRUSH APPLIED AND SPACES AS DETAILED ON THIS SHEET.

SEPTEMBER 2022



TOWN OF WESTLAKE  
1500 SOLANA BOULEVARD  
BLDG. 7, SUITE 7200  
WESTLAKE, TEXAS 76262

FIRE LANE  
STRIPING  
FD-05