

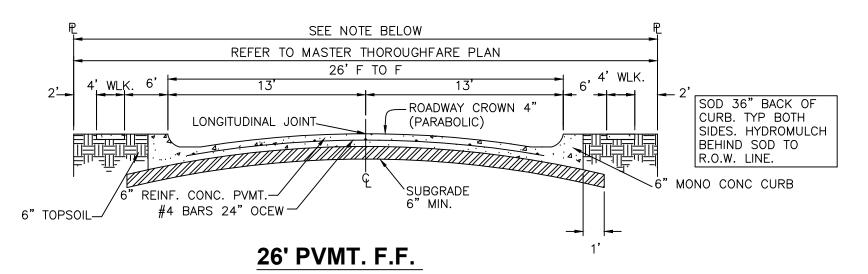
10'-8"

SAW CUT TYP.

36' PVMT. F.F.

6" TOPSOIL—

40' PVMT. F.F. (NORMAL)



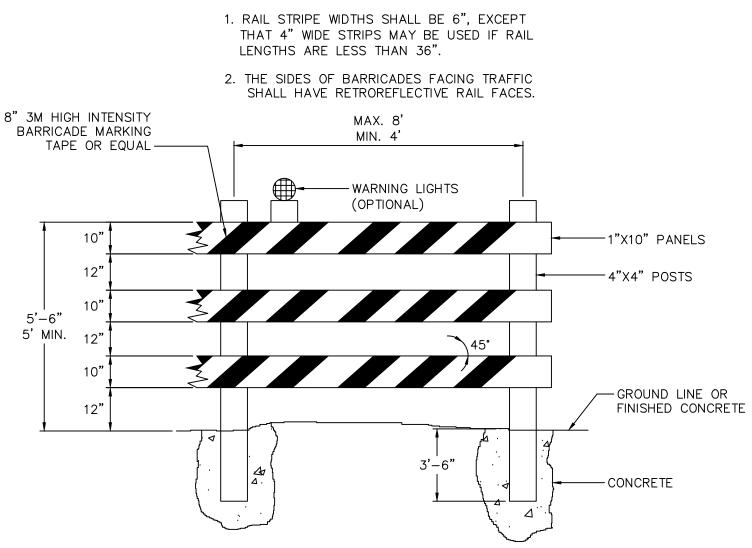
NOTE: 1. ALL R.O.W. SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR @ −2% TO +4% OPTIMUM MOISTURE.

2. SIDEWALK WIDTH VARIES ACCORDING TO ZONING, AND PRESENCE OF SCREENING WALL.

TABLE OF CROWN HEIGHTS

ROADWAY WIDTH	TOTAL CROWN	3/4 POINT	MID- POINT	1/4 POINT
26'	4"	2-1/4"	1"	1/4"
36'	6"	3-3/8"	1 1/2"	3/8"
40'	6"	3-3/8"	1 1/2"	3/8"
44'	6"	3-3/8"	1 1/2"	3/8"
8, ⊥(O ਫ਼ੌੰ WIDE _		JOINT SEA	LING COMPO
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SAWED DUMMY JOINT



24" #6 SMOOTH DOWEL 16" DOWEL COATING - HOT POURED RUBBER 2" MIN. JOINT SEALING COMPOUND CLEARANCE

-DOWEL SLEEVE (CLOSED END)

TO BE INSTALLED 2' C.C.

TO FIT DOWEL AND BE SECURED

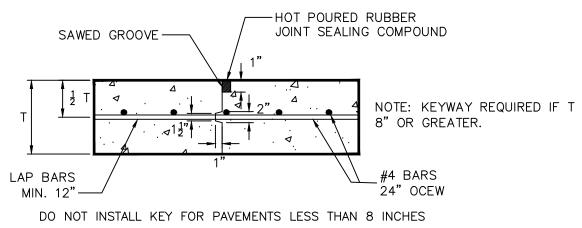
PERMANENT BARRICADE

EXPANSION JOINTS TO BE PLACED ON 500' TO 700' INTERVALS AND RADIUS RETURNS, BOTH MEDIAN & INTERSECTION.

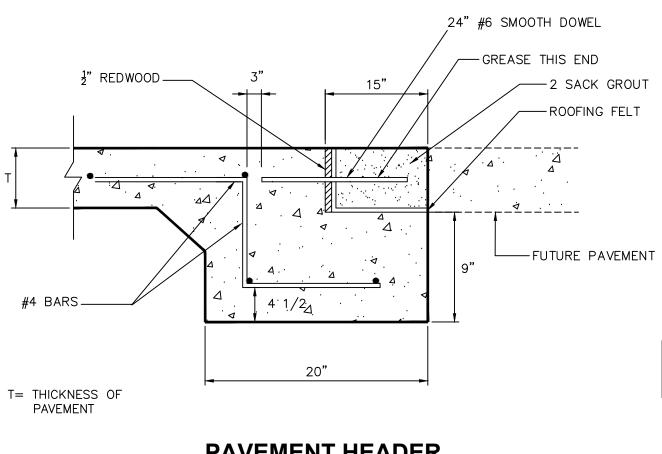
TRANSVERSE EXPANSION JOINT

REDWOOD EXPANSION

JOINT FILLER -

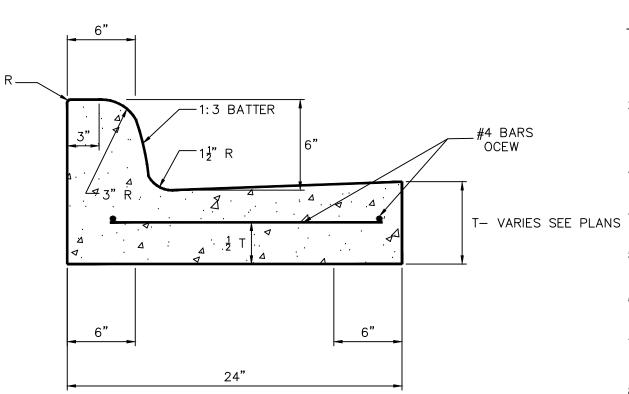


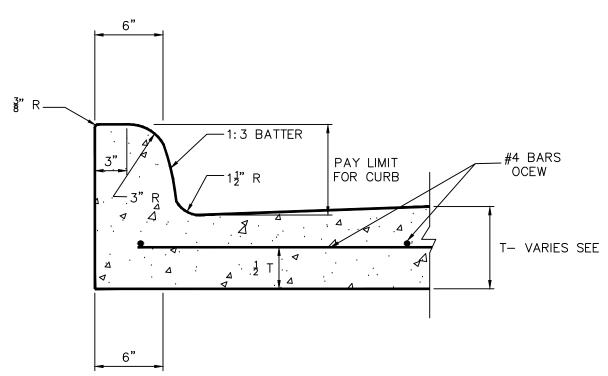
CONSTRUCTION JOINT



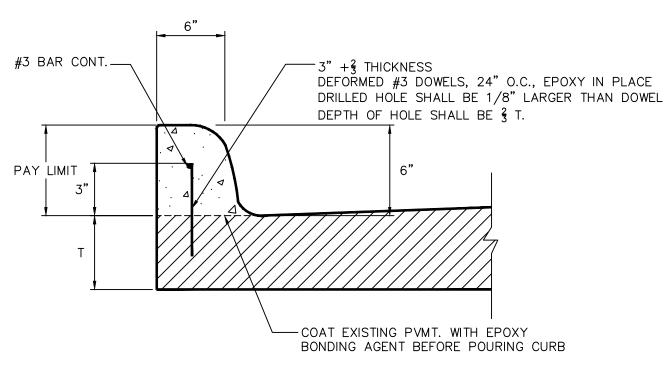
PAVEMENT HEADER

THIS SECTION TO BE USED FOR CONTINUATION OF FUTURE PAVEMENT

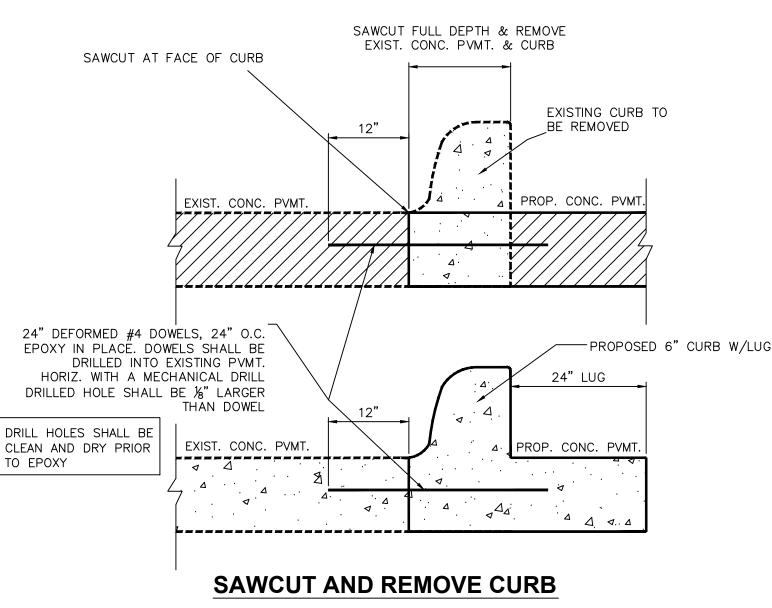




INTEGRAL CURB AND GUTTER



DOWEL ON CURB



CONNECTION TO EXISTING PAVEMENT

1. STREET CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION NORTH CENTRAL TEXAS." FOR THE DESIGN OF WATER AND SEWER LINES AND WATER DEPARTMENT STANDARDS.

2. ALL STREET PAVEMENT SHALL BE CLASS "C" CONCRETE PER NCTCOG ITEM 303.3.4.2(a), REINFORCED WITH #4 BARS, GRADE 60 SHOWN BOTH SPACED 24" O.C.E.W. HAND FINISHING WILL BE AS PER ITEM 303.5.6.2

3. ALL PARKWAYS SHALL SLOPE A MIN. OF 1/4" PER FOOT UP FROM THE CURB

TO THE RIGHT-OF-WAY LINE, THEN AT A MAX 3:1 SLOPE TO MATCH EXISTING GRADE. 4. SAWING AND SEALING OF ALL LONGITUDINAL AND TRANSVERSE PAVEMENT JOINTS

SHALL BE CONSIDERED SUBSIDIARY TO ALL PAVING ITEMS. 5. FOR PLACING OF CONCRETE PAVEMENT REFER TO ITEM 303.5.5 OF "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION NORTH CENTRAL TEXAS."

6. FOR MAXIMUM SLUMP OF CONCRETE FOR PAVEMENT REFER TO ITEM 303.3.4.4 OF "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION NORTH CENTRAL TEXAS."

7. ALL NONRESIDENTIAL PAVEMENT SHALL BE A MINIMUM OF 8" THICK, REINFORCED WITH #4 BARS, GRADE 60.

8. ALL COMMERCIAL AND RESIDENTIAL DRIVEWAYS SHALL BE CLASS "C" CONCRETE WITH #4 BARS GRADE 60 SPACED AT 24" OCEW.

PORTLAND CEMENT CONCRETE PAVEMENT:

1. STANDARD SPECIFICATIONS ITEM 303.2.1.3 - 'COARSE AGGREGATES' SHALL BE AMENDED THE FIRST SENTENCE IS DELETED AND REPLACED AS FOLLOWS "COARSE AGGREGATES SHALL BE 100% CRUSHED STONE"

2. STANDARD SPECIFICATIONS ITEM 303 SHALL BE AMENDED AS FOLLOWS: A. ITEM 303.2.4. FLY ASH IS ALLOWED: MAX 20% BY WEIGHT

B. ITEM 303.2.5 SHALL BE DELETED. NO MINERAL FILLER IS ALLOWED C. ITEM 303.2.6 SHALL BE DELETED. NO FIBROUS REINFORCEMENT ALLOWED

3. STANDARD SPECIFICATIONS ITEM 303 SHALL BE AMENDED TO INCLUDE THE FOLLOWING:

A. ALL EQUIPMENT NECESSARY TO CONSTRUCT CONCRETE PAVEMENT SHALL BE APPROVED BY THE OWNER PRIOR TO STARTING THE PAVING OPERATION. PAVING EQUIPMENT REQUIREMENTS ARE

T- VARIES SEE PLANS 1. <u>SIDEWALKS LESS THAN 8' IN WIDTH</u>

NO PAVING MACHINE REQUIRED. STINGER VIBRATORS AND METAL STRAIGHT EDGES SHALL BE USED TO CONSOLIDATE THE CONCRETE.

2. SIDEWALKS 8' IN WIDTH OR WIDER

VIBRATING SCREED WITH TWO HAND HELD STINGER VIBRATORS SHALL BE USED TO CONSOLIDATE THE CONCRETE.

3. PARKING LOTS AND TURN LANES

VIBRATING SCREED WITH TWO HAND HELD STINGER VIBRATORS SHALL BE USED TO CONSOLIDATE THE CONCRETE.

4. NEW STREET AND ALLEY PAVEMENT

SLIPFORM PAVING EQUIPMENT AS DESCRIBED IN ITEM 303.4.3 OF THE STANDARD SPECIFICATIONS SHALL BE USED.

5. STREET AND ALLEY REPAIRS

PAVING EQUIPMENT WILL BE DETERMINED BY THE OWNER.

6. FULL WIDTH ALLEY REPLACEMENT

VIBRATING SCREED WITH TWO HAND HELD STINGER VIBRATORS SHALL BE USED TO CONSOLIDATE THE CONCRETE.

B. CONCRETE FINISH

NEW PAVEMENT: STREET AND ALLEY PAVEMENT SHALL BE TEXTURED WITH A NYLON BAKER BROOM THAT IS CLEAN AND FREE OF GROUT BUILDUP. DRAG BROOM LONGITUDINALLY OVER THE PAVEMENT AFTER BLEED WATER HAS EVAPORATED (CONCRETE WILL APPEAR DULL) BUT BEFORE CONCRETE HAS ATTAINED ITS INITIAL SET.

NEW SIDEWALK: SHALL BE TEXTURED WITH A TRANSVERSELY WITH A LIGHT BROOM FINISH. HAND FINISHING SHALL BE PER ITEM 303.5.6.2

PAVEMENT PATCHING: STREET AND ALLEY PAVEMENT SHALL BE TEXTURED LONGITUDINALLY WITH A HORSEHAIR BROOM OR A BURLAP DRAG FINISH.

C. CONCRETE TEMPERATURES

MAY 1 THROUGH SEPTEMBER 30

1. ALL MIXES AND MIX DESIGNS SHALL INCLUDE A RETARDING AGENT.

2. CONCRETE TEMPERATURE PRIOR TO PLACEMENT SHALL NOT EXCEED 95°F, (35°C). 3. THE TIME INTERVAL (FROM ADDITION OF INITIAL WATER):

	AGITATED CONCRETE	
90°F OR ABOVE	(32.2°C)	45 MINUTES
75°F TO 89°F	(23.9° TO 31.6°C)	60 MINUTES
35°F TO 74°F	(1.6° TO 23.3°C)	90 MINUTES

NON AGITATED CONCRETE

80°F OR ABOVE	(26.6°C)	15 MINUTE
35°F TO 79°F	(1.6° TO 26.1°C)	30 MINUTE

OCTOBER 1 THROUGH APRIL 30

1. CONCRETE TEMPERATURE PRIOR TO PLACEMENT SHALL NOT EXCEED 95°F, (35°C). 2. THE TIME INTERVAL (FROM ADDITION OF INITIAL WATER):

	AGITATED CONCRETE	
90°F OR ABOVE	(32.2°C)	45 MINUTES
75°F TO 89°F	(23.9° TO 31.6°C)	60 MINUTES
35°F TO 74°F	(1.6° TO 23.3°C)	90 MINUTES
	NON ACITATED CONODETE	
	NON AGITATED CONCRETE	
80°F OR ABOVE	(26.6°C)	15 MINUTES

(26.6°C) 15 MINUTES (1.6° TO 26.1°C) 35°F TO 79°F 30 MINUTES Sheet Title: STREET

Issue Date: 01 MAY 14

NO ADDITIONS OR CHANGES

SHEETS UNLESS APPROVED

BY CITY OF RICHARDSON

TO STANDARD DETAIL

24"x36" Scale:

11"x17" Scale:

Vertical Scale:

Project Number:

Rich

City

Sheet No.:

Revisions:

City of Richardson

Richardson, Texas 75080

972 744-4280

972 744-5804

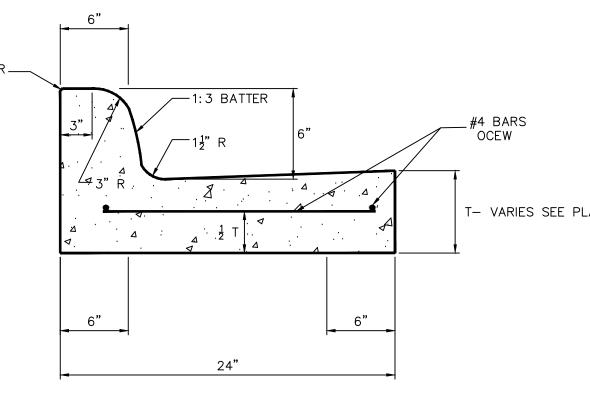
411 W. Arapaho Road

Suite 204

Drawn By:

Checked By:

voice:



SEPARATE CURB AND GUTTER

