

**BARRIER FREE RAMP**  
ALLEY INTERSECTIONS

CITY OF ROCKWALL  
"THE NEW HORIZON"

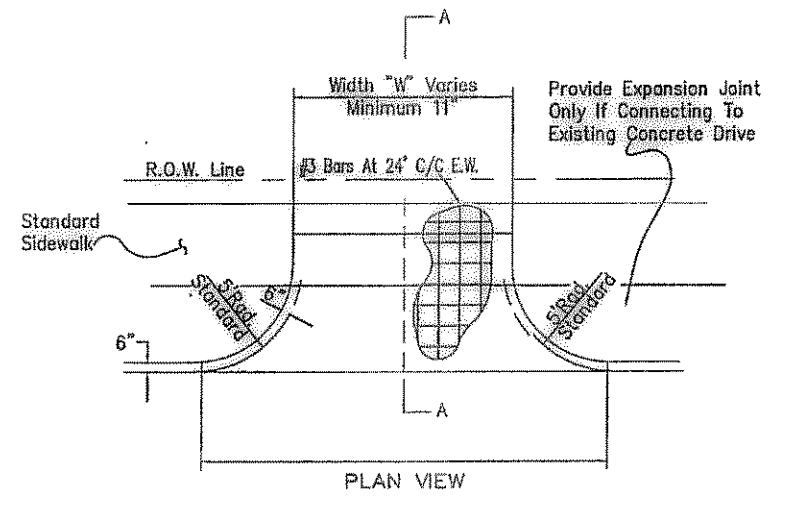
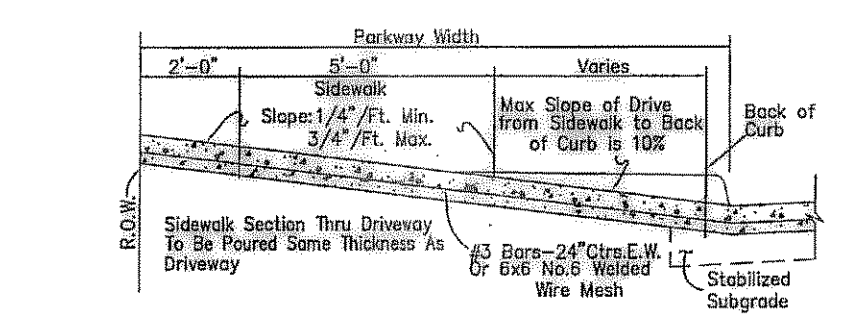
SCALE: NONE  
DATE: 8/03  
DRAWING NAME: dtyhondicarp

- GENERAL NOTES**
1. MAXIMUM SLOPE ON BARRIER FREE RAMPS SHALL NOT EXCEED 1" PER FOOT AT ANY LOCATION.
  2. DESIGNS SHOWN ARE FOR 6" CURBS. FOR CURBS GREATER THAN 6" DIMENSIONS SHALL BE INCREASED PROPORTIONATELY.
  3. STREETS ON STEEP GRADE WILL REQUIRE LONGER CURB TRANSITIONS. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO INSURE THAT THIS DETAIL WILL WORK.
  4. LOCATIONS OF BARRIER FREE RAMPS MAY BE SHIFTED TO CLEAR OBSTRUCTIONS, WITH APPROVAL FROM THE CITY.
  5. CONCRETE TO HAVE A MINIMUM 3000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS.
  6. REINFORCEMENT TO BE #3 BARS AT 24" O.C.E.W.
  7. GROOVES MUST BE CLEAN AND STRAIGHT FOR CLEAR DETECTION BY TOUCH WITH A CANE AND PARALLEL TO CROSSWALKS.
  8. FOR PURPOSES OF WARNING, THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE A LIGHT REFLECTIVE VALUE AND TEXTURE THAT SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES. CITY SHALL APPROVE MATERIALS AND COLOR SHALL BE CHROMIX ADMIXTURES QUARRY RED, C-32 (CHROMIX IS MANUFACTURED BY THE L.M. SCOFIELD CO. (800)800-9900 OR APPROVED EQUAL.

**GENERAL NOTES**  
FOR BARRIER FREE RAMPS

CITY OF ROCKWALL  
"THE NEW HORIZON"

SCALE: NONE  
DATE: AUG. '03  
DRAWING NAME: HANDICAP\_2

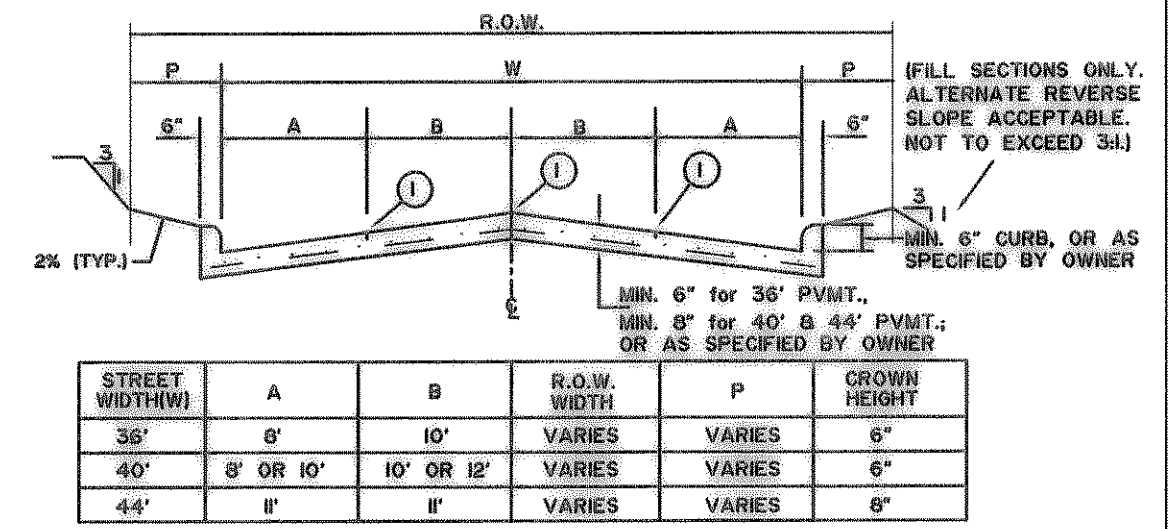


**DRIVEWAY**  
DETAIL  
Not To Scale

**DRIVEWAY**  
DETAIL

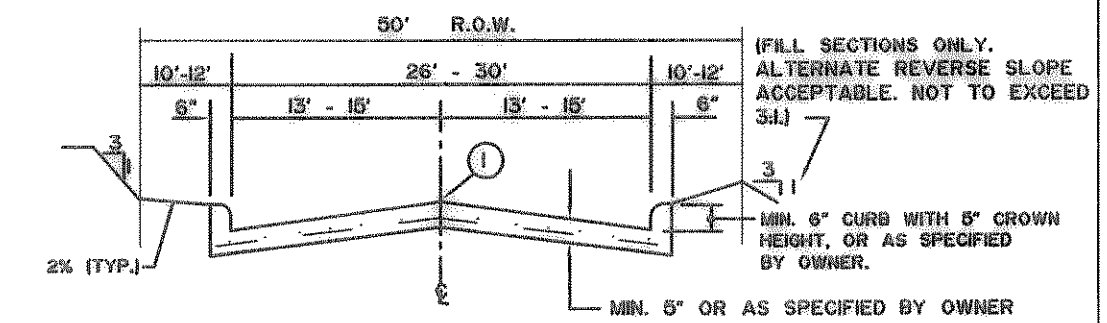
CITY OF ROCKWALL  
"THE NEW HORIZON"

Replaces NCTDGS Std. Drawing No. 2150A and 2150B  
DATE: AUG. '03  
DRAWING NAME: DRW7



STREET WIDTH (ft)	A	B	R.O.W. WIDTH	P	GROWTH HEIGHT
36'	6'	10'	VARIES	VARIES	6"
40'	8' OR 10'	10' OR 12'	VARIES	VARIES	6"
44'	8'	10'	VARIES	VARIES	6"

**FOUR TRAVEL LANES OR TWO TRAVEL LANES & TWO PARKING LANES**  
N.T.S.

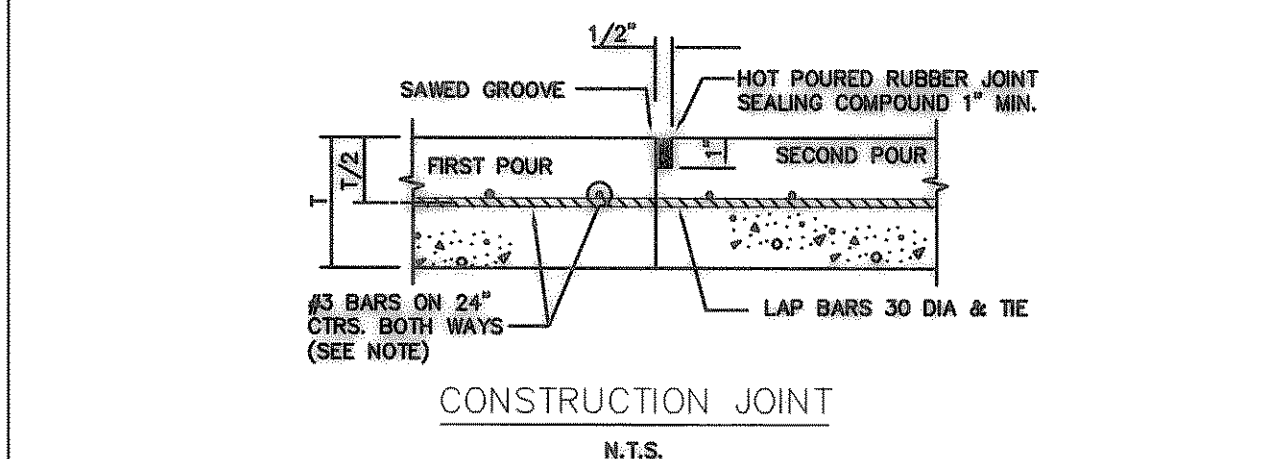


**ONE TRAVEL LANE & TWO PARKING LANES**  
N.T.S.

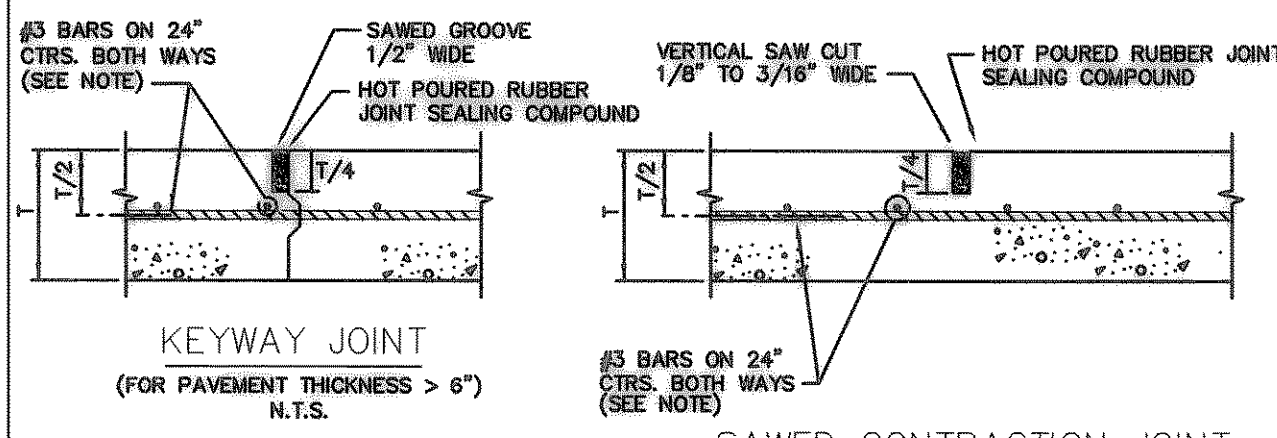
- ① INDICATES SAWED LONGITUDINAL CONTRACTION OR CONSTRUCTION JOINT.
- NOTES:**
1. ALL REINFORCEMENT SHALL BE #3 BARS ON 24" CENTERS BOTH WAYS, EXCEPT WHERE NOTED.
  2. ALTERNATE REINFORCEMENT SHALL BE #4 BARS ON 30" CENTERS BOTH WAYS.
  3. PAVEMENT STRENGTH SHALL CONFORM TO CLASS "C" CONCRETE, OR AS SPECIFIED BY THE OWNER.

**REINFORCED CONCRETE PAVEMENT**  
2- & 4-LANE UNDIVIDED THOROUGHFARE

North Central Texas Council of Engineers  
DATE: NOV. '96  
STANDARD DRAWING NO.: 2030



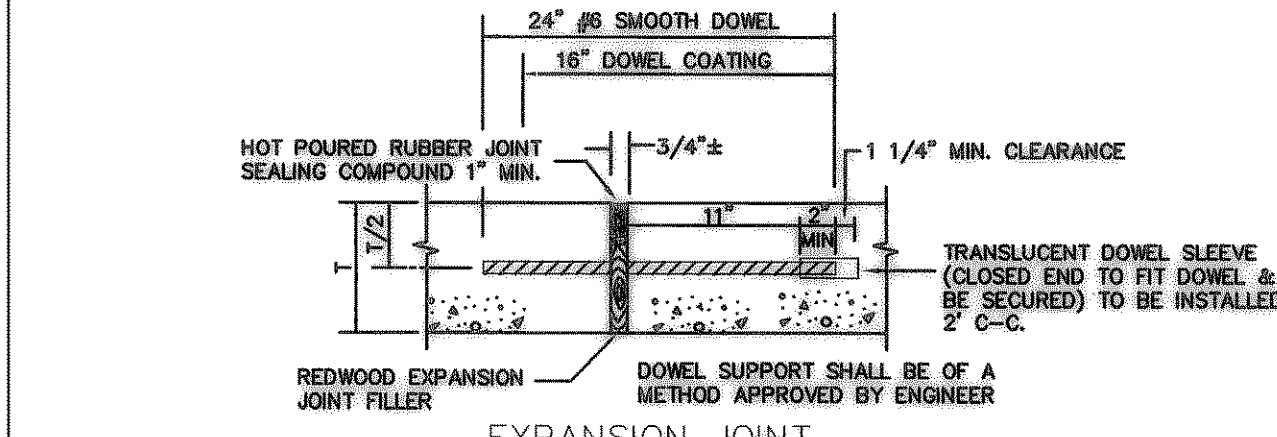
**CONSTRUCTION JOINT**  
N.T.S.



**KEYWAY JOINT**  
(FOR PAVEMENT THICKNESS > 6")  
N.T.S.

**SAWED CONTRACTION JOINT**  
N.T.S.

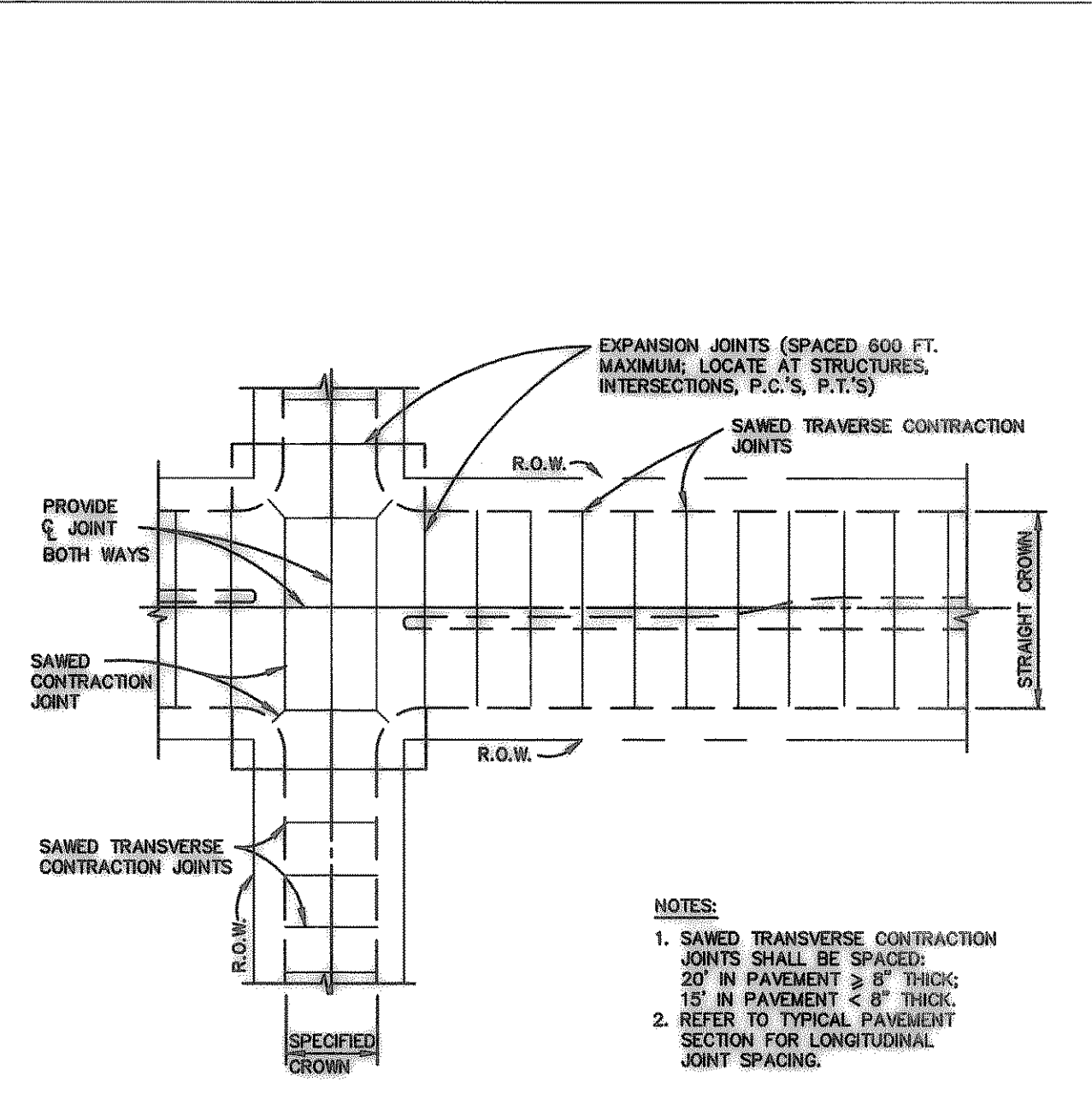
**NOTE:**  
ALTERNATE REINFORCEMENT #4 BARS ON 30" CENTERS BOTH WAYS.



**EXPANSION JOINT**  
(SPACED 600 FT. MAXIMUM; LOCATE AT STRUCTURES AND AT INTERSECTION P.C.'S & P.T.'S)  
N.T.S.

**REINFORCED CONCRETE PAVEMENT**  
JOINTS

North Central Texas Council of Engineers  
DATE: NOV. '96  
STANDARD DRAWING NO.: 2050

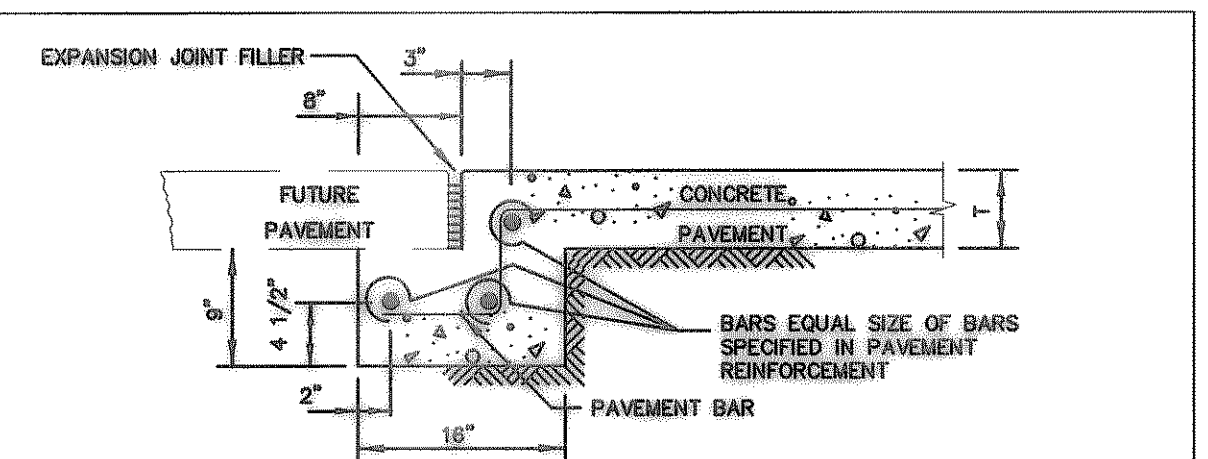


**SPACING DIAGRAM FOR TRANSVERSE JOINTS**  
N.T.S.

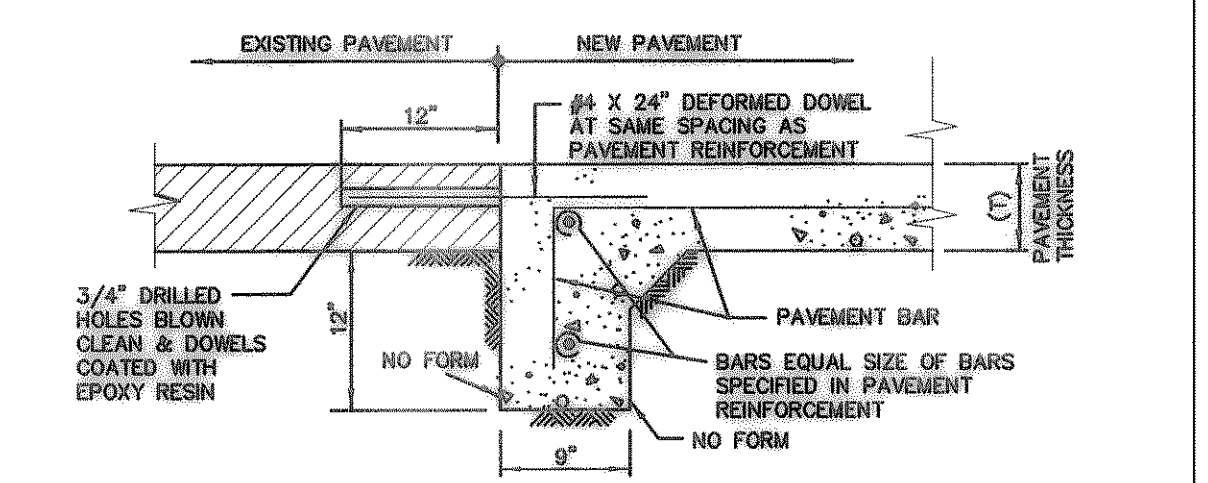
- NOTES:**
1. SAWED TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED: 20' IN PAVEMENT > 8" THICK; 15' IN PAVEMENT < 8" THICK.
  2. REFER TO TYPICAL PAVEMENT SECTION FOR LONGITUDINAL JOINT SPACING.

**REINFORCED CONCRETE PAVEMENT**  
TRANSVERSE JOINT SPACING

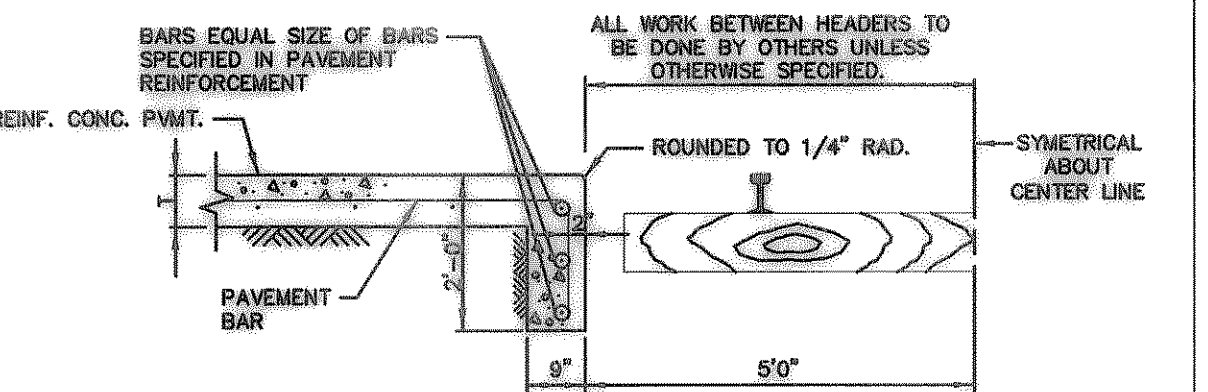
North Central Texas Council of Engineers  
DATE: NOV. '96  
STANDARD DRAWING NO.: 2060



**STREET HEADER FOR FUTURE PAVEMENT**  
N.T.S.



**STREET HEADER AT EXISTING PAVEMENT**  
N.T.S.



**STREET HEADER AT RAILROAD**  
N.T.S.

- NOTES:**
1. PAVEMENT BARS TO BE BENT DOWN INTO HEADER.
  2. HEADER AND PAVEMENT TO BE MONOLITHIC.

**REINFORCED CONCRETE PAVEMENT**  
STREET HEADERS

North Central Texas Council of Engineers  
DATE: NOV. '96  
STANDARD DRAWING NO.: 2070

STANDARD DRAWINGS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTING NORTH CENTRAL TEXAS, THIRD EDITION, DATED 1998

(CITY'S REVISIONS - AUGUST 2003)  
DRAWINGS TO BE MODIFIED AS FOLLOWS:

- STANDARD DRAWING NO. 2030 -**
1. STREET CROWN HEIGHT FOR FORTY-FOUR (44) FOOT STREET IS SIX (6) INCHES.
- STANDARD DRAWING NO. 2050 -**
1. CONSTRUCTION JOINT DOWEL BARS TO BE TWELVE (12) INCHES ON CENTER.
  2. DELETE NOTE RE: ALTERNATE REINFORCEMENT - NO. 4 BARS ON 30" CENTERS BOTH WAYS.
- STANDARD DRAWING NO. 2070 -**
1. THE RAILROAD HEADER IS TO HAVE A TWO (2) INCH NOTCH INTO THE CONCRETE PAVEMENT FOR THE INSTALLATION OF A HMA OVERLAY. THE CONCRETE UNDER THE HMA IS TO BE THE FULL STREET THICKNESS. THE NOTCH SHOULD START AT THE END OF THE PAVEMENT AND GO TWENTY (20) FEET UP THE ROAD AWAY FROM THE CROSSING.

**ALLIANCE**  
ROCKWALL COUNTY  
CITY OF ROCKWALL, TEXAS

**STANDARD DRAWINGS**  
CITY OF ROCKWALL  
STANDARD DETAILS  
PAVING - 1

Scale: N/A  
Designed by: KHA  
Drawn by: KHA  
Checked by: NES  
Date: SEPTEMBER 2005  
Project No. 064015000

Kimley-Horn and Associates, Inc.  
Tel. No. (972) 770-1300  
Fax No. (972) 239-3820  
12700 Park Central Drive, Suite 1800  
Dallas, Texas 75251

RECORD DRAWING  
THIS RECORD DRAWING REFLECTS THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE, THE APPROXIMATE LOCATION OF ALL CONSTRUCTION USING INFORMATION PROVIDED BY THE CONTRACTORS.

No. 1 Date Revisions App.

STATE OF TEXAS  
NICHOLAS SILVERSON  
COUNTY CLERK

8/16/2005 10:28am  
imgae: cdi-rwcvwy.tif xdr-gem-notes.tif xdr-rwmp2.tif  
Xref: x235c NOT-2030-2050-2070-2080-2090-2095-2096-2097-2098-2099

SHEET  
C-21