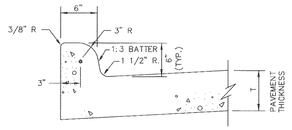
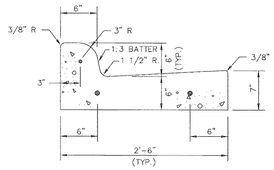


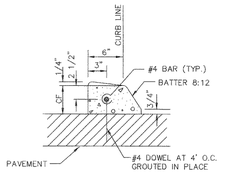
INTEGRAL CURB & GUTTER

N.T.S.



SEPARATE CURB & GUTTER

N.T.S.



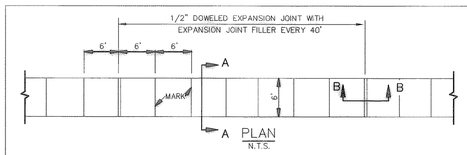
DOWELED CURB

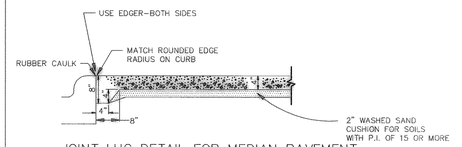
N.T.S.

NOTES:

1. REINFORCEMENT SHALL BE NO. 4 BARS.
2. CONCRETE SHALL BE CLASS "C".
3. "D" IS 6" UNLESS OTHERWISE SPECIFIED.
4. ALL CURBS ARE CONSTRUCTED OF PORTLAND CEMENT CONCRETE UNLESS OTHERWISE SHOWN.
5. GRADE SHALL BE MEASURED AT BACK OF CURB.

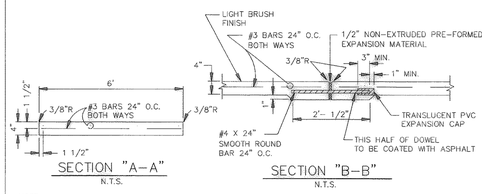
CONCRETE CURB & GUTTER INTEGRAL, SEPARATE, & DOWELED	North Central Texas Council of Governments	STANDARD SPECIFICATION REFERENCE 8.2.	DATE NOV. '96	STANDARD DRAWING NO. 2120





JOINT LUG DETAIL FOR MEDIAN PAVEMENT OR SIDEWALK ADJACENT TO CURB

N.T.S.



SECTION "A-A"

N.T.S.

SECTION "B-B"

N.T.S.

NOTE:

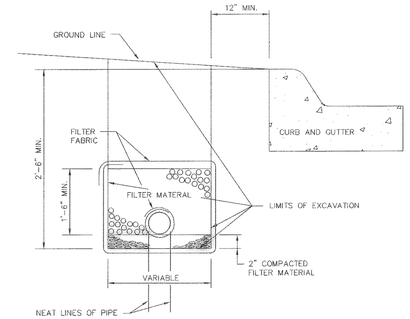
1. REFER TO STANDARD SPECIFICATION ITEM 8.3. FOR ALTERNATE REINFORCEMENT.
2. CROSS SLOPE OF SIDEWALK SHALL BE ± 1/4" PER FT. MIN. TO ± 3/8" PER FT. MAX.
3. OTHER THAN 6'-0" SIDEWALK WIDTH MAY BE SPECIFIED BY OWNER.
4. SIDEWALK SHALL BE CLASS "A" CONCRETE UNLESS OTHERWISE SPECIFIED BY OWNER.
5. ALL HONEYCOMB IN BACK OF CURB TO BE TROWEL-PLASTERED BEFORE POURING SIDEWALK.
6. LUG MAY BE FORMED BY SHAPING SUBGRADE TO APPROXIMATE DIMENSIONS SHOWN.

REINFORCED CONCRETE SIDEWALKS JOINTS AND SPACING	North Central Texas Council of Governments	STANDARD SPECIFICATION REFERENCE 8.3.	DATE NOV. '96	STANDARD DRAWING NO. 2170

GENERAL NOTES:

1. REINFORCED CONCRETE PAVEMENT:
   A. ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT UNLESS OTHERWISE APPROVED BY THE OWNER.
   B. CURBS SHALL MEET THE SAME COMPRESSIVE STRENGTH AS SPECIFIED FOR THE PAVEMENT.
   C. BAR LAPS SHALL BE 30 DIAMETERS.
   D. REINFORCING BARS SHALL BE SUPPORTED BY CHAIRS OR OTHER DEVICES APPROVED BY THE OWNER.
2. SUBGRADE: (UNLESS OTHERWISE SPECIFIED BY OWNER)
   A. SUBGRADE UNDER ALL PAVEMENTS SHALL BE STABILIZED TO A MINIMUM DEPTH OF 6" WITH HYDRATED LIME OR CEMENT WHEN THE P.I. OF THE INPLACE MATERIAL IS GREATER THAN 15. LABORATORY TESTS MUST BE PERFORMED TO DETERMINE THE AMOUNT OF LIME OR CEMENT REQUIRED TO LOWER THE P.I. TO 15 OR BELOW.
   B. WHERE THE INPLACE MATERIAL HAS A P.I. OF LESS THAN 15, THE SUBGRADE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 6" AND RECOMPACTED.
3. IF THE ROADWAY IS A DESIGNATED BIKE ROUTE OR BIKE USAGE IS ANTICIPATED, REFER TO NCTCOG'S REGIONAL BICYCLE AND PEDESTRIAN FACILITIES DESIGN MANUAL.

PAVEMENT SYSTEMS GENERAL NOTES	North Central Texas Council of Governments	STANDARD SPECIFICATION REFERENCE	DATE NOV. '96	STANDARD DRAWING NO. 2190



SECTION

N.T.S.

LIMITS OF EXCAVATION

DEPTH OF TRENCH (FT.)	DIST. IN FT. OUTSIDE NEAT LINES OF PIPE SUBDRAIN
0 TO 6	1.00
6 TO 10	1.50
10 TO 15	2.00
OVER 15	2.50

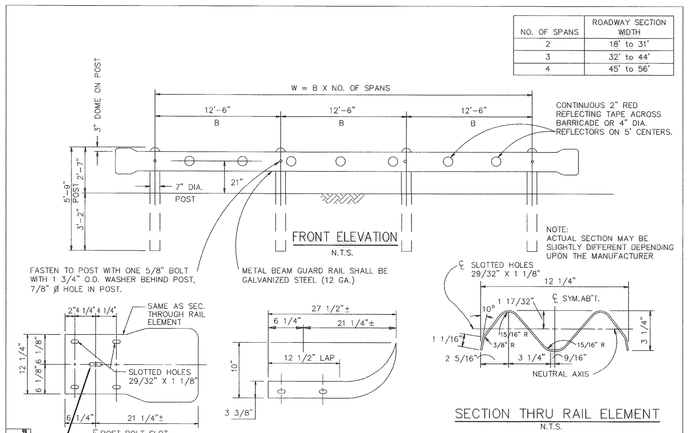
FILTER MATERIAL SPECIFICATIONS

SIEVE SIZE	PERCENTAGE RETAINED ON SIEVE TYPE A	TYPE B
1 1/2	---	0 - 10
3/4	0 - 10	20 - 40
3/8	15 - 35	---
NO. 4	35 - 55	40 - 60
MATERIAL FINER THAN NO. 4 SIEVE		
4	---	
20	35 - 65	
50	75 - 100	

TYPES OF PIPE ACCEPTABLE FOR USE AS SUBDRAIN

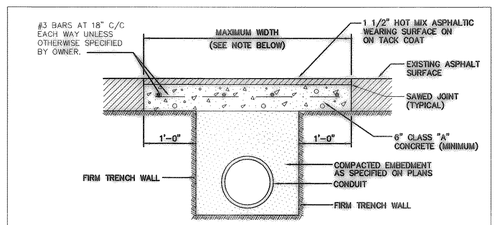
1. PERFORATED CORRUGATED METAL PIPE.
2. PERFORATED PVC PIPE.
3. PERFORATED POLYETHYLENE PIPE.

SUBDRAINS PAVEMENT SUBGRADE	North Central Texas Council of Governments	STANDARD SPECIFICATION REFERENCE	DATE NOV. '96	STANDARD DRAWING NO. 2200



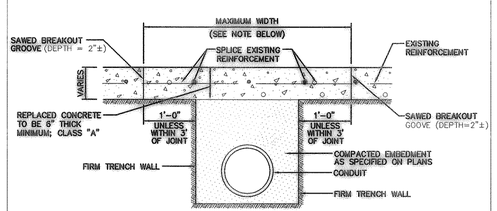
2290

METAL BEAM BARRICADE END OF ROAD	North Central Texas Council of Governments	STANDARD SPECIFICATION REFERENCE	DATE NOV. '96	STANDARD DRAWING NO. 2290



ASPHALT PAVEMENT

N.T.S.



CONCRETE PAVEMENT

N.T.S.

NOTES:

1. PAYMENT TO THE CONTRACTOR FOR REPLACEMENT OF PAVEMENT AND/OR DRIVEWAYS WILL BE BASED ON ACTUAL MEASUREMENTS UP TO A MAXIMUM WIDTH EQUAL TO THE SPECIFIED MAXIMUM TRENCH WIDTH (PER STD. SPEC. ITEM 6.2.) PLUS 2 FEET. ANY EXISTING PAVEMENT DAMAGED OR REMOVED IN EXCESS OF THE MAXIMUM LIMITS SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
2. WHEN REMOVING CONCRETE PAVEMENT THE CONTRACTOR SHALL ENDEAVOR TO LIMIT DAMAGE TO EXISTING REINFORCEMENT SO IT MAY BE EMPLOYED IN THE REPLACEMENT OPERATION. IF ORIGINAL REINFORCEMENT IS CUT OR BROKEN, REPLACEMENT BARS OF THE SAME SIZE SHALL BE INSTALLED BY DRILLING AND DOWELLING AS DIRECTED BY THE OWNER.

PAVEMENT CUTS REMOVAL AND REPLACEMENT	North Central Texas Council of Governments	STANDARD SPECIFICATION REFERENCE 6.5.	DATE NOV '96	STANDARD DRAWING NO. 3070

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. 2170 –

1. MAXIMUM 1-1/2" COMPACTED SAND CUSHION.

2. NO SIDEWALK ADJACENT TO CURB WITHOUT CITY APPROVAL. SIDEWALK AGAINST CURB IS FIVE (5) FEET WIDE.

STANDARD DRAWING NO. 2190 –

1. NUMBER 2, SUBGRADE – REPLACE "A" WITH REVISED "A". REVISED "A" TO READ: SUBGRADE UNDER ALL PAVEMENTS SHALL BE STABILIZED TO A MINIMUM DEPTH OF SIX INCHES (6") WITH HYDRATED LIME OR CEMENT. LABORATORY TESTS WILL BE PERFORMED TO DETERMINE THE AMOUNT OF LIME OR CEMENT TO BE USED.

2. NUMBER 2, SUBGRADE, DELETE "B".

3. DELETE NUMBER 3.

No.	Date	Revisions	App.

RECORD DRAWING
THIS RECORD DRAWING HEREIN REFLECTS TO THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE AND BELIEF, THE ACTUAL CONDITION OF THE CONSTRUCTED WORK, USING INFORMATION AS PROVIDED BY THE CONTRACTORS.

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

STATE OF TEXAS
NICHOLAS E. SULKOWSKI
PROFESSIONAL ENGINEER

ALLIANCE
ROCKWALL COUNTY
CITY OF ROCKWALL, TEXAS

CITY OF ROCKWALL
STANDARD DETAILS
PAVING - 2

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

SHEET
C-22

Images:

File: P:\DWG\MUNICIPAL\CITY-PAVING.dwg [Layout1] 9/14/2005 10:36am
Xrefs: xJ36 XOTL-2170 XOTL-2190 XOTL-2200 XOTL-2290 XOTL-3070