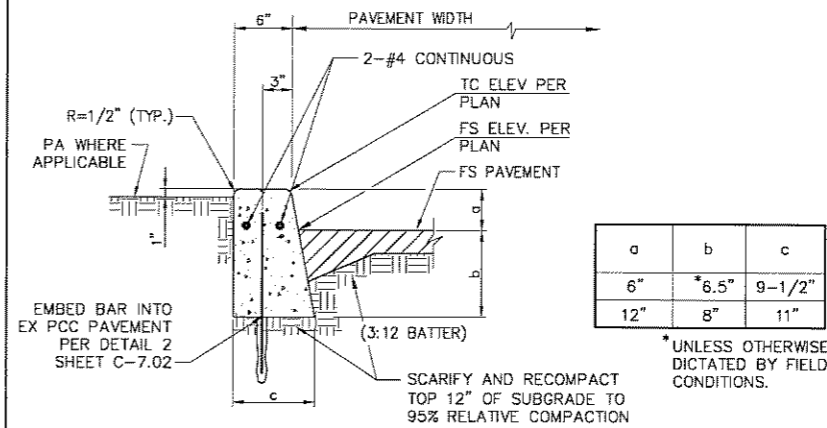
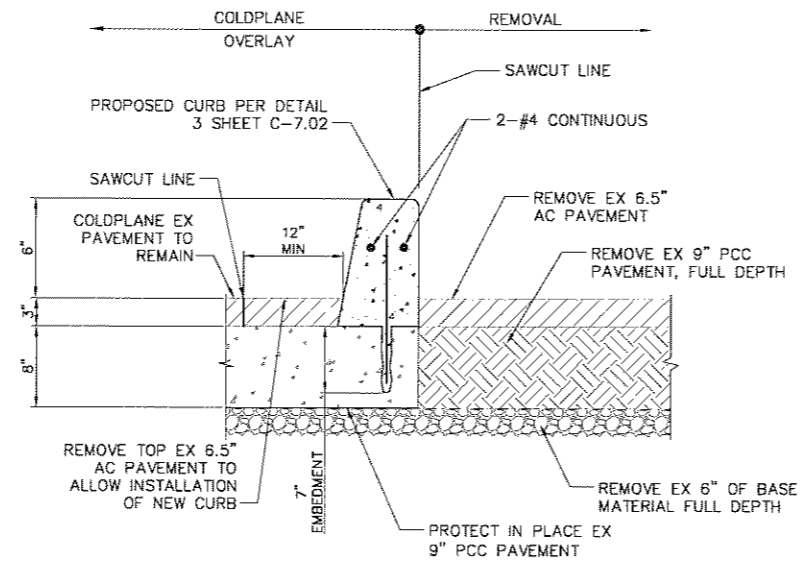


NOTES:

1. CONCRETE, $f_c=4000$ psi @ 28 DAYS (TRAFFIC)
2. REBARS, $f_y=60,000$ psi ASTM AG15.
3. FOR CC JOINTING AND PATTERN, REFER TO ARCHITECTURAL DRAWINGS.
4. PAVING SHALL HAVE A MEDIUM SALT (MEDIUM BROOM) FINISH ON ALL SURFACES LESS THAN 6% AND A SLIP RESISTANT (HEAVY BROOM) FINISH ON ALL SURFACES GREATER THAN 6%. REFER TO ARCHITECTURAL DRAWING FOR PATTERN, COLOR AND TEXTURE.
5. "t"=12" FOR TRAFFIC RATED AREA.
6. FOR PAVEMENT JOINT REFER TO DETAIL 8 AND 6 SHEET C700.



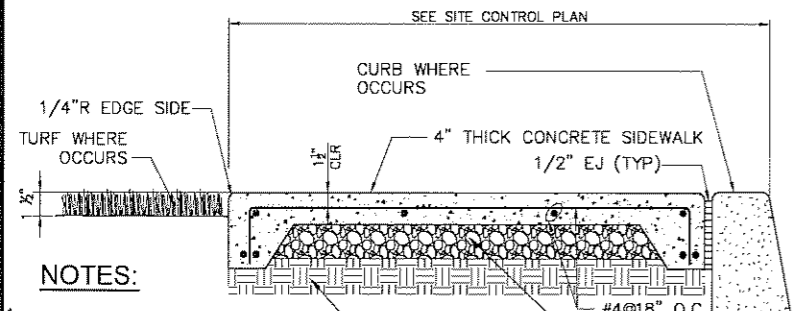
NOTES:

1. PROVIDE 1/4" EXPANSION JOINT WITH PREFORMED JOINT FILLER AT ALL ANGLE POINTS AND THE BEGINNING AND END OF ALL CURVES.
2. PROVIDE CONTRACTION JOINTS CONSISTING OF ONE INCH DEEP CUT SCORES AT 20' O.C. MAX.
3. WHERE A WALK IS ADJACENT TO THE CURB, THE JOINTS SHALL LINE WITH JOINTS IN THE WALK.
4. CONCRETE, $f_c=2500$ psi @ 28 DAYS PER SSPWC.

1 CONCRETE PAVEMENT SECTION
NOT TO SCALE

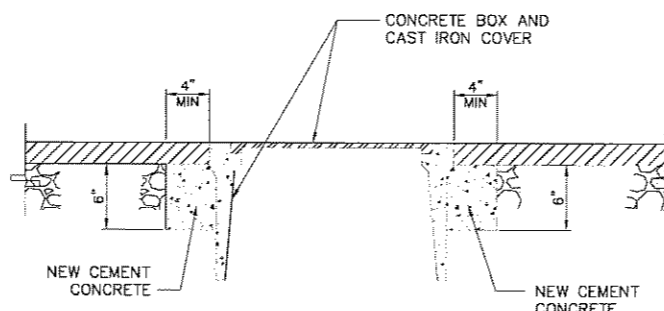
2 REMOVAL OF PCC PAVEMENT/CONCRETE CURB INSTALLATION
NOT TO SCALE

3 CONCRETE CURB DETAIL
NOT TO SCALE



NOTES:

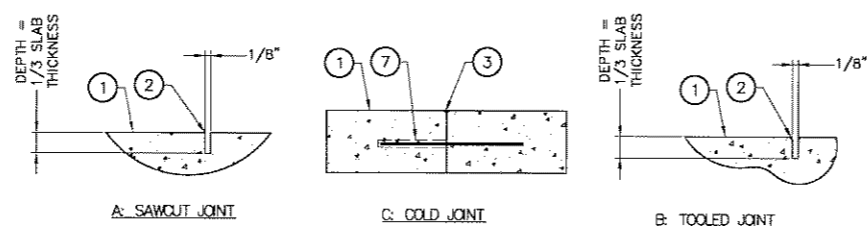
1. PROVIDE EDGED CONTROL JOINTS @ 10' O.C. & EDGED EXPANSION JOINTS @ 30' O.C. SEE PLANS FOR SIDEWALK WIDTHS.
2. PAVING SHALL HAVE A MEDIUM SALT (MEDIUM BROOM) FINISH ON ALL SURFACES LESS THAN 6% AND A SLIP RESISTANT (HEAVY BROOM) FINISH ON ALL SURFACES GREATER THAN 6%. REFER TO ARCHITECTURAL DRAWING FOR PATTERN, COLOR AND TEXTURE.
3. CONCRETE, $f_c=2500$ psi @ 28 DAYS PER SSPWC.
4. PROVIDE 1/2" EXPANSION JOINT WHERE NEW CONCRETE WALK/PAVEMENT ABUTS ANOTHER RIGID STRUCTURE.



NOTES:

1. "BROOKS" YARD BOX OR EQUAL WITH 9-1/2" X 16" I.D. CONCRETE BOX (NO. 3 BODY) WITH 3-TL CAST IRON TRAFFIC COVER, UTILITY NAME (WATER, STORM DRAIN, SANITARY SEWER, POWER SPRINKLER, ETC.) EMBOSSED 1/16" ABOVE SURFACE, 1" HIGH UPPERCASE.
2. ALL METAL PARTS SHALL BE GALVANIZED AFTER FABRICATION.

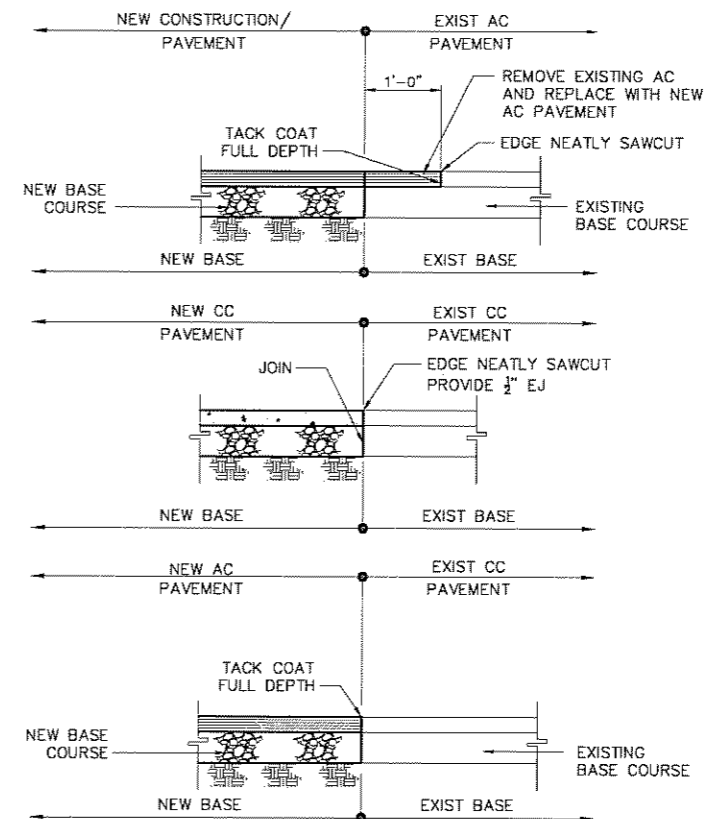
5 YARD BOX DETAIL
NOT TO SCALE



LEGEND

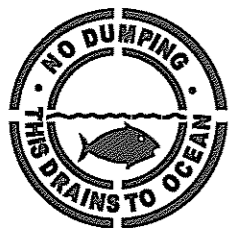
1. PAVING FINISH SURFACE.
2. SAWCUT.
3. 1/4" R. @ EDGES. TYP.
4. PREMOLDED E.J. FILLER.
5. JOINT SEALANT. COLOR TO BE SELECTED BY LANDSCAPE ARCHITECT. SUBMIT COLOR SAMPLES PRIOR TO INSTALLATION.
6. BACKER ROD.
7. 18" #4 REBAR W/ 'SPEED DOWEL' @ 36" OC, CENTER IN CONC. AT COLD JOINTS & E.J.'S

8 CONCRETE JOINT DETAIL
NOT TO SCALE



6 TYP PAVEMENT JOINT DETAIL
NOT TO SCALE

4 CONCRETE WALK
NOT TO SCALE



1. ALL CATCH BASINS AND INLETS THAT DISCHARGE INTO AN EXISTING OR PROPOSED STORM DRAIN MUST BE STENCILED TO DISCOURAGE ILLEGAL DUMPING OF POLLUTANTS. THIS STENCIL SHALL HAVE A MINIMUM DIAMETER OF 30 INCHES.
2. PROVIDE 30" MIN DIAMETER FOR STENCIL.
3. STENCIL IN BLUE PAINT NEAR ALL CATCH BASIN DRAINS TO READ "NO DUMPING, THIS DRAINS TO OCEAN".
4. STENCILS MAY BE PURCHASED AT THE LOCAL COUNTY BUILDING AND SAFETY OFFICE AT (626) 458-6390.

7 CATCH BASIN STENCIL DETAIL
NOT TO SCALE



TEMPLE CITY CALIFORNIA
ROSEMEAD BOULEVARD SAFETY ENHANCEMENTS AND BEAUTIFICATION PROJECT

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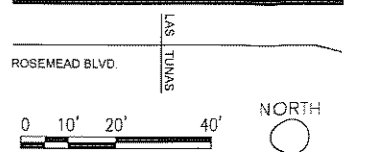


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KEY PLAN

NO.	DATE	ISSUED FOR	BY

10/04/11	60%
09/12/11	DESIGN DEVELOPMENT #2
05/20/11	DESIGN DEVELOPMENT
04/03/11	SCHEMATIC DESIGN

BASE FILE NAMES

DRAWN BY VV

CHECKED BY MC

SCALE AS SHOWN

DATE 09-12-2011

PROJECT NO 876-410

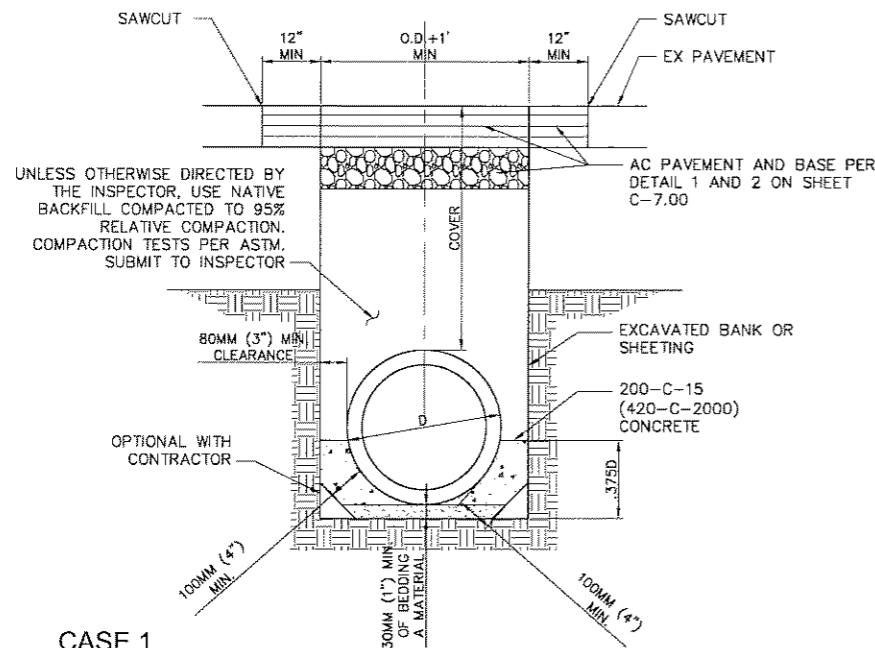
MISCELLANEOUS DETAILS

SHEET TITLE

C700

SHEET NO.

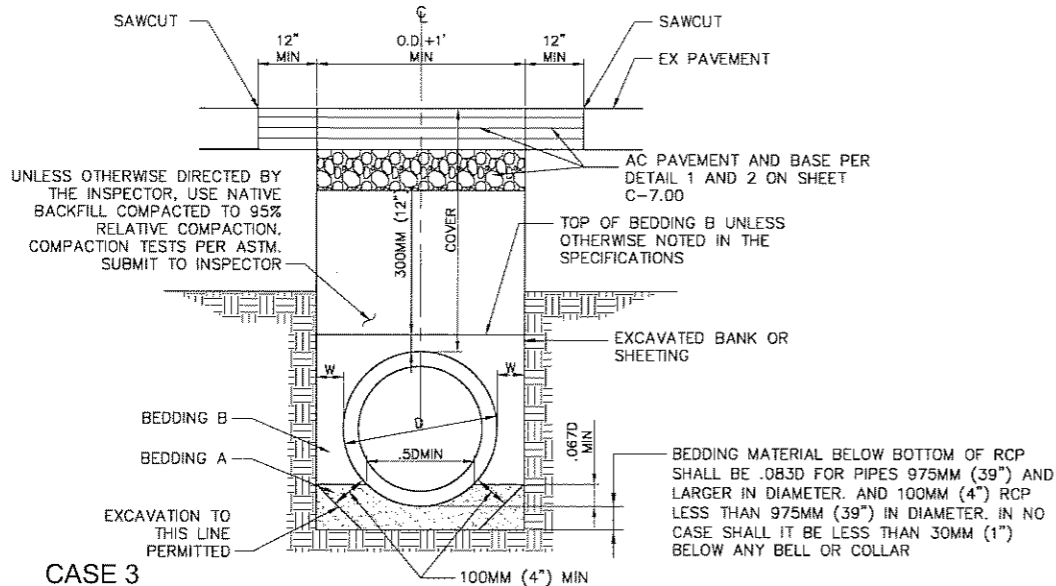
PROGRESS PRINT - NOT FOR CONSTRUCTION



**CASE 1
NOTES:**

CASE 1 BEDDING (LOAD FACTOR 2.1)

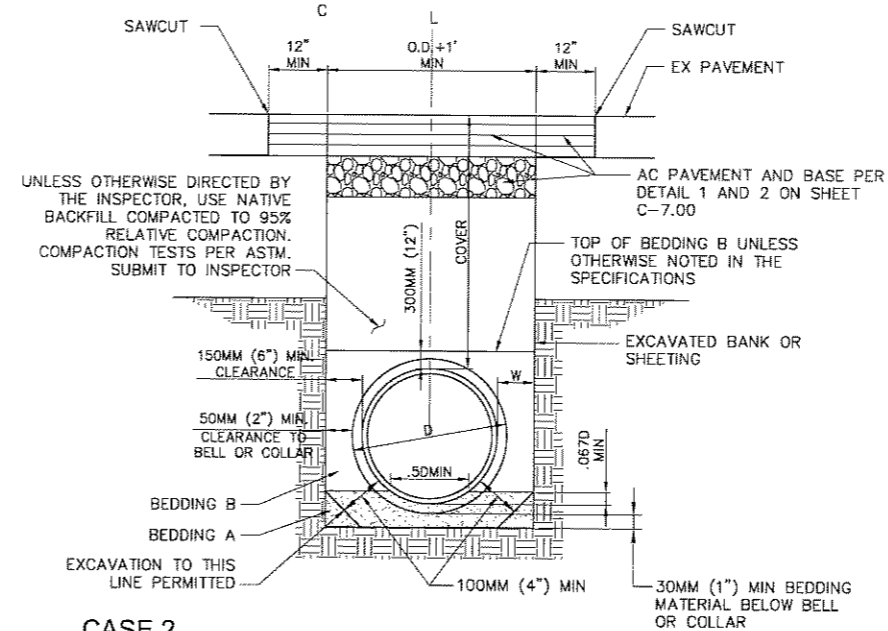
- A. SHALL BE USED WHERE SPECIFIED ON PROJECT DRAWINGS OR WHERE REQUIRED AS AN ALTERNATIVE TO CASE 2 OR CASE 3 BEDDING AS PROVIDED HEREON AND ON SH. 2. CASE 4 BEDDING SHALL BE USED INSTEAD OF CASE 1 AGAINST SHEETING OR UNSTABLE TRENCH SIDES IF SO REQUIRED BY THE ENGINEER.



**CASE 3
NOTES:**

CASE 3 BEDDING AND BACKFILL AROUND RCP (LOAD FACTOR 1.8)

- A. W AT SPRING LINE SHALL NOT BE LESS THAN THE FOLLOWING: 150MM (6") FOR RCP 150MM (6") OR LESS IN DIAMETER, 250MM (10") FOR RCP 157.5MM (6.3") TO 2700MM (108") INCLUSIVE IN DIAMETER AND 300MM (12") FOR PIPE LARGER THAN 2700MM (108") IN DIAMETER. THESE DIMENSIONS MAY INCLUDE THE THICKNESS OF ANY SHEETING.
- B. WHERE COVER IS 3M (10'-0") OR LESS, W MEASURED AT THE TOP OF THE RCP MAY BE ANY DIMENSION GREATER THAN THE ABOVE SPECIFIED MINIMUM UNLESS OTHERWISE SPECIFIED ON THE PROJECT DRAWINGS.
- C. WHERE COVER IS GREATER THAN 3M (10'-0"), W MEASURED AT TOP OF PIPE SHALL NOT BE GREATER THAN 250MM (10") FOR RCP 2700MM (108") IN DIAMETER OR LESS, OR 300MM (12") FOR RCP OVER 2700MM (108") IN DIAMETER UNLESS THE CONTRACTOR AT HIS OWN EXPENSE PROVIDES CASE 1 BEDDING OR STRONGER RCP. THESE DIMENSIONS INCLUDE THE THICKNESS OF ANY SHEETING.
- D. SCREED BEDDING A TO FIT CURVATURE AND GRADE OF RCP. TYPE OF SCREED AND THE METHOD OF USE TO BE APPROVED BY THE ENGINEER.



**CASE 2
NOTES:**

CASE 2 BEDDING AND BACKFILL AROUND PIPE (LOAD FACTOR 1.8)

- A. W AT SPRING LINE SHALL NOT BE LESS THAN 150MM (6") FOR ANY DEPTH OF TRENCH. THIS DIMENSION MAY INCLUDE THE THICKNESS OF ANY SHEETING.
- B. WHERE COVER IS 2.5M (8'-0") OR LESS, W MEASURED AT TOP OF PIPE MAY BE ANY DIMENSION GREATER THAN 150MM (6").
- C. WHERE COVER IS GREATER THAN 2.5M (8'-0"), W MEASURED AT TOP OF PIPE SHALL NOT BE GREATER THAN 200MM (8") UNLESS THE CONTRACTOR AT HIS OWN EXPENSE PROVIDES CASE 1 BEDDING OR STRONGER PIPE. THE STATED 200MM (8") INCLUDES THE THICKNESS OF ANY SHEETING.
- D. SCREED BEDDING A TO FIT CURVATURE AND GRADE OF PIPE. TYPE OF SCREED AND THE METHOD OF USE TO BE APPROVED BY THE ENGINEER.

GENERAL TRENCHING AND BEDDING NOTES:

- USE CASE 3 FOR RCP, CASE 2 FOR VITRIFIED CLAY, PLASTIC AND PLAIN CONCRETE PIPE UNLESS OTHERWISE SPECIFIED OR SHOWN ON THE PROJECT DRAWINGS.
- FOR RCP 675mm (27") IN DIAMETER AND LARGER, BEDDING A SHALL BE COMPOSED OF SAND, 20mm (3/4") OR 15mm (1/2") CRUSHED ROCK, 5mm (NO. 3 OR 4) CONCRETE AGGREGATE OR GRAVEL OR OTHER GRANULAR MATERIAL AS SPECIFIED AND SHALL HAVE A SAND EQUIVALENT VALUE OF NOT LESS THAN 20 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- WHERE RCP SMALLER THAN 675mm (27") IN DIAMETER IS USED, THE REQUIREMENTS IN NOTE 2 SHALL BE MET EXCEPT THAT A GRADATION COARSER THAN 4.75mm (NO. 4) CONCRETE AGGREGATE OR NO COARSER THAN 15mm (1/2") CRUSHED ROCK SHALL BE USED.
- BEDDING B SHALL BE COMPOSED OF SAND OR OTHER GRANULAR MATERIAL AND SHALL HAVE A SAND EQUIVALENT VALUE NOT LESS THAN 20 AS SPECIFIED IN THE APWA SUBSECTION 306-1.2.1 AS AMENDED UNLESS OTHERWISE APPROVED BY THE ENGINEER AND SHALL BE COMPLETED PRIOR TO PLACING THE BALANCE OF THE BACKFILL. THE MAXIMUM ROCK SIZE FOR BEDDING B SHALL BE 100mm (4") IN THE GREATEST DIMENSION. NESTING OF ROCKS WILL NOT BE PERMITTED.
- UNLESS SPECIFIED ON THE PROJECT DRAWINGS, CONCRETE SHALL BE 200-C-15 (420-C-2000).
- CONCRETE BACKFILL SHALL BE POURED FROM WALL TO WALL OF THE TRENCH AND FROM THE BOTTOM OF THE TRENCH TO A MINIMUM DEPTH OF 100mm (4") OVER THE TOP OF THE PIPE.
- CONCRETE BACKFILL SHALL BE PROVIDED FOR RCP 525mm (21") IN DIAMETER OR LESS WHERE THE COVER IS EQUAL TO OR LESS THAN 600mm (24"), FOR RCP GREATER THAN 525mm (21") IN DIAMETER BUT LESS THAN 975mm (39") WHERE THE COVER IS LESS THAN 375mm (15") AND FOR RCP 975mm (39") OR GREATER WHERE THE COVER IS LESS THAN 300mm (12"). CONCRETE BACKFILL SHALL BE IN ACCORDANCE WITH NOTES 5 AND 6.
- 3-EDGE BEARING TEST LOAD FACTOR = 1.0.
- DIMENSIONS SHOWN ON THIS PLAN FOR METRIC AND ENGLISH UNITS ARE NOT EXACT EQUAL VALUES. IF METRIC VALUES ARE USED, ALL VALUES USED FOR CONSTRUCTION SHALL BE METRIC VALUES. IF ENGLISH UNITS ARE USED, ALL VALUES USED FOR CONSTRUCTION SHALL BE ENGLISH UNITS.
- CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL/TRAFFIC MANAGEMENT PLAN TO THE CITY ENGINEER FOR APPROVAL PRIOR TO THE START OF DEMOLITION.



ROSEMEAD BOULEVARD SAFETY ENHANCEMENTS AND BEAUTIFICATION PROJECT

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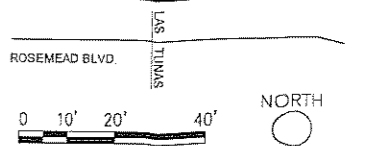


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DRAWN BY	VV
CHECKED BY	MC
SCALE	AS SHOWN
DATE	09-12-2011
PROJECT NO.	876-410

MISCELLANEOUS DETAILS

SHEET TITLE

C701

SHEET NO.

