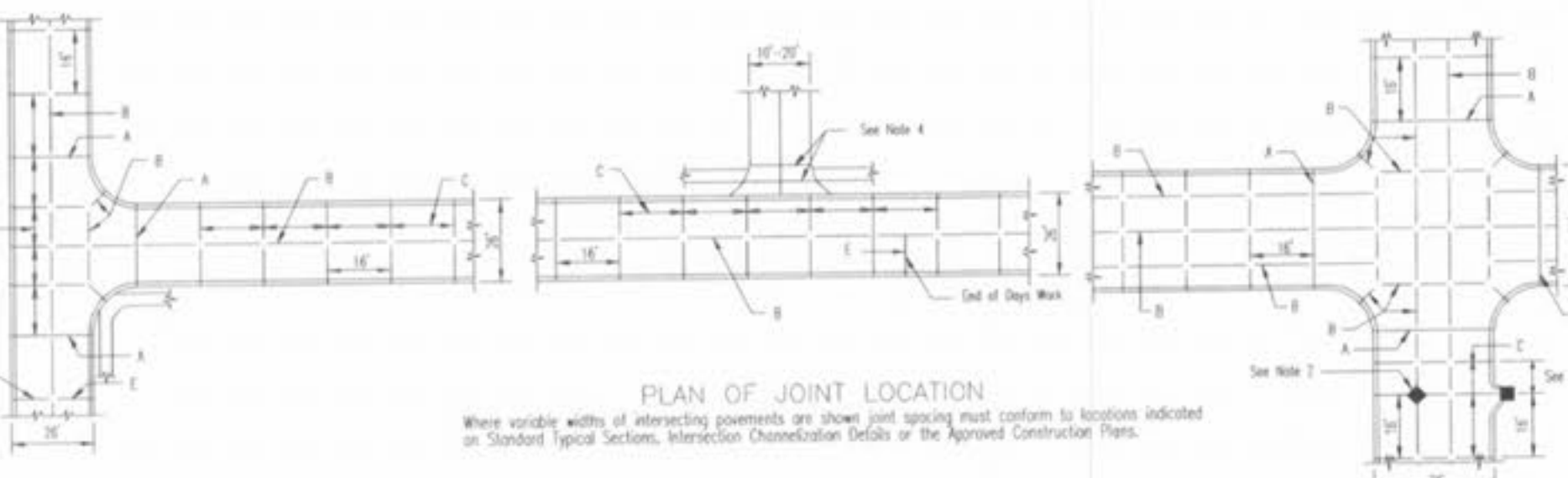
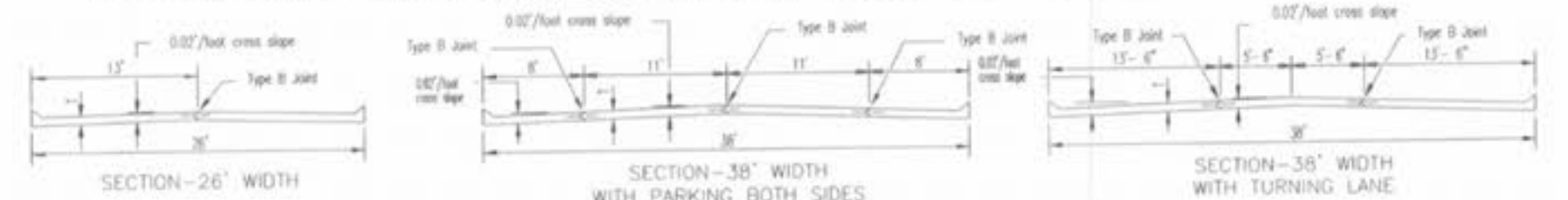


NOTES:

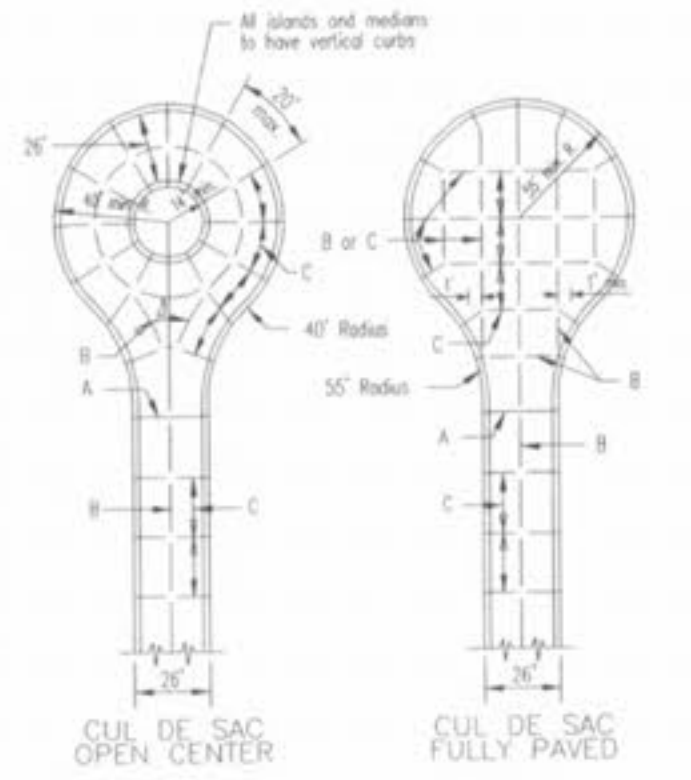
1. A 1" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON THE OUTER EDGE OF CURVED PAVEMENT, UNLESS GROOVED JOINTS ARE USED AT SIDEWALK. THEN A 2" JOINT IS REQUIRED AT CURB.
2. A 1/2" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON TANGENT SECTIONS OF PAVEMENT OR ON THE INNER EDGE OF CURVED PAVEMENT.
3. EXPANSION JOINT MATERIAL MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.
4. SIDEWALK THICKNESS SHALL BE A MINIMUM OF 7" THROUGH COMMERCIAL DRIVEWAYS.

SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
Integral Curb Detail "B" of Driveways
DATE: May, 2002 DRAWING: C502.08

INTEGRAL ROLLED CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS

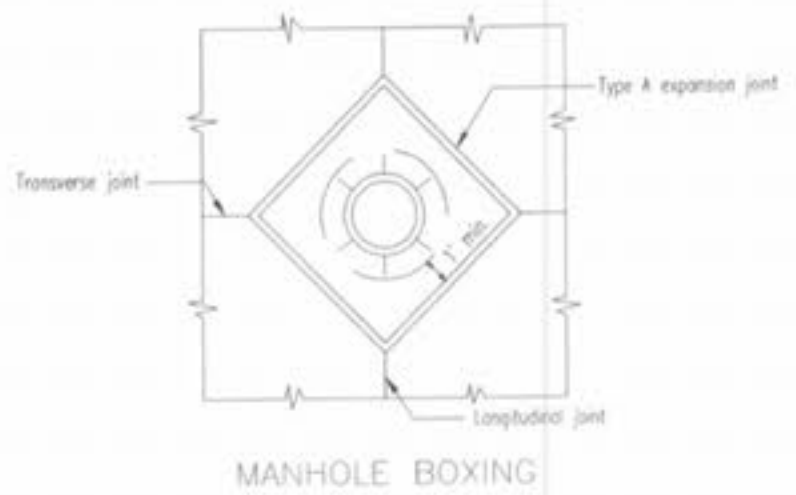


JOINT REQUIREMENTS FOR CONCRETE PAVEMENT		
STREET	JOINT TYPE	JOINT AND BAR REQUIREMENTS
RESIDENTIAL 3 LANE 36' wide pavement	Transverse	TYPE C no steel bars
	Longitudinal	Within a paved section and at the edge between two paved sections: TYPE B 5/8" x 4' deformed tie bars @ 30' cts.
7" thick concrete RESIDENTIAL 2 LANE 26' wide pavement	Expansion	TYPE A no steel bars
	Transverse	TYPE C no steel bars
6" thick concrete	Longitudinal	Full Width Construction TYPE B 5/8" x 6' deformed tie bars @ 30' cts.
	Expansion	TYPE A no steel bars
	Longitudinal	Full Width Construction TYPE B modified with 1/2" x 6' deformed tie bars @ 30' cts.

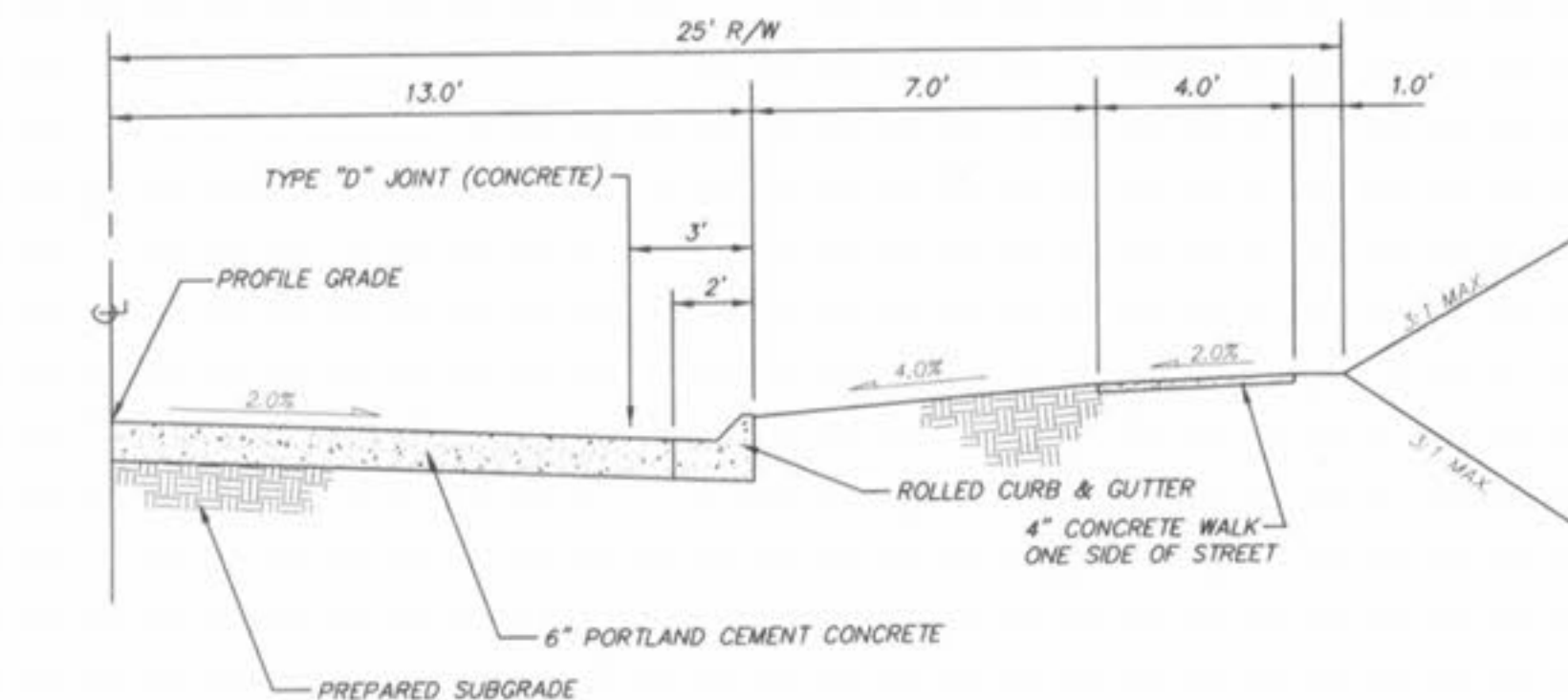


GENERAL NOTES

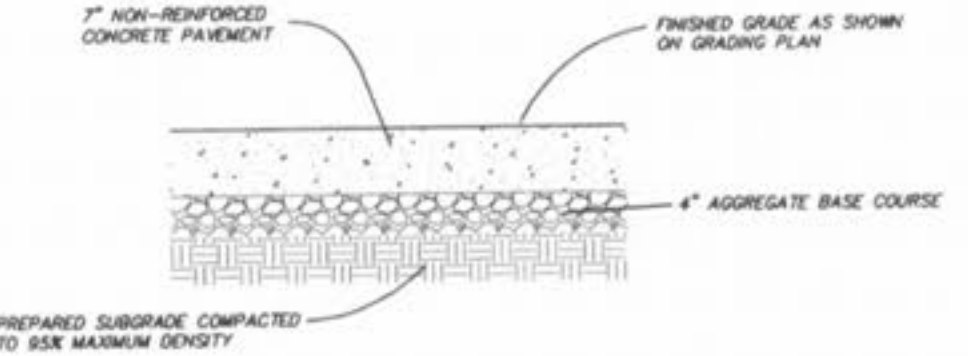
1. Do not scale drawing. Follow dimensions.
2. All street alleys shall be separated from the pavement and curb by expansion joint material extending completely through curb and slab. Manhole coating within the pavement limits shall be based on sheet.
3. When a joint falls within 5ft. of, or contacts inlets, manholes, or other structures, shorten one or more points either side of opening to permit joint to fall on round structures and at or between corners of rectangular structures.
4. Driveway configurations are shown in the 'Entrance Construction Details'.
5. Construction joints and tie bars may be omitted when curb is poured monolithic with pavement.
6. Minimum thickness for Pavement is:
Residential 26' wide Streets 6"
Residential 38' wide Streets 7"
7. For joint and bar requirements refer to the Pavement Construction Details for 'Joints and Curb'. Std. Dwg. C502.03. Note that the width and location may change the type of joint required.
8. Transverse or longitudinal construction joints in slip formed pavements may be made with a groover or tool, if such device has been approved in advance by the Department.
9. The locations of the Type B longitudinal construction joints in the sections may be interchanged for the different widths of construction if approved by the Department.



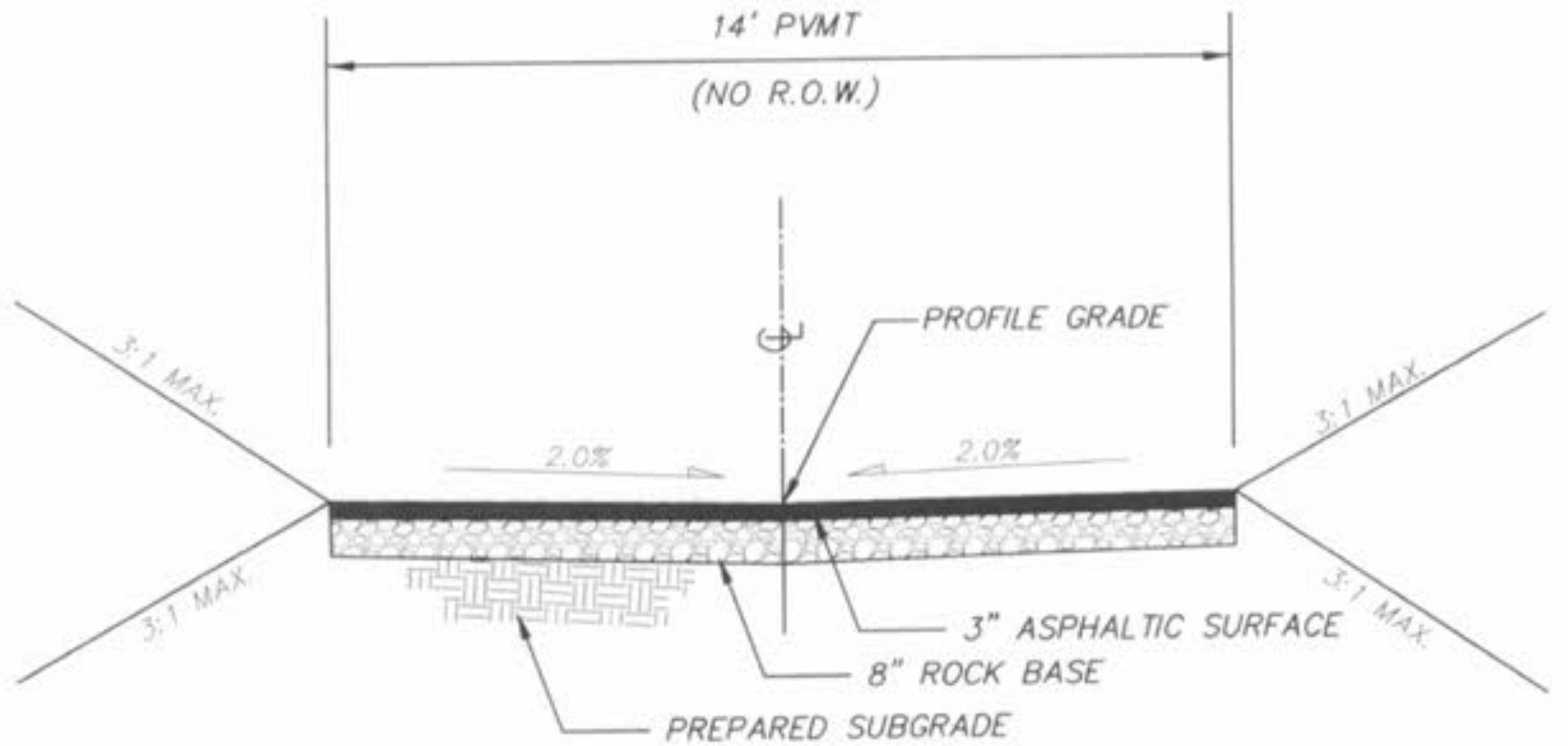
SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
PAVEMENT CONSTRUCTION DETAILS
INTEGRAL ROLLED CURB AND
CONCRETE PAVEMENT
TYPICAL SECTIONS AND DETAILS
DATE: December, 2002 DRAWING: C502.02



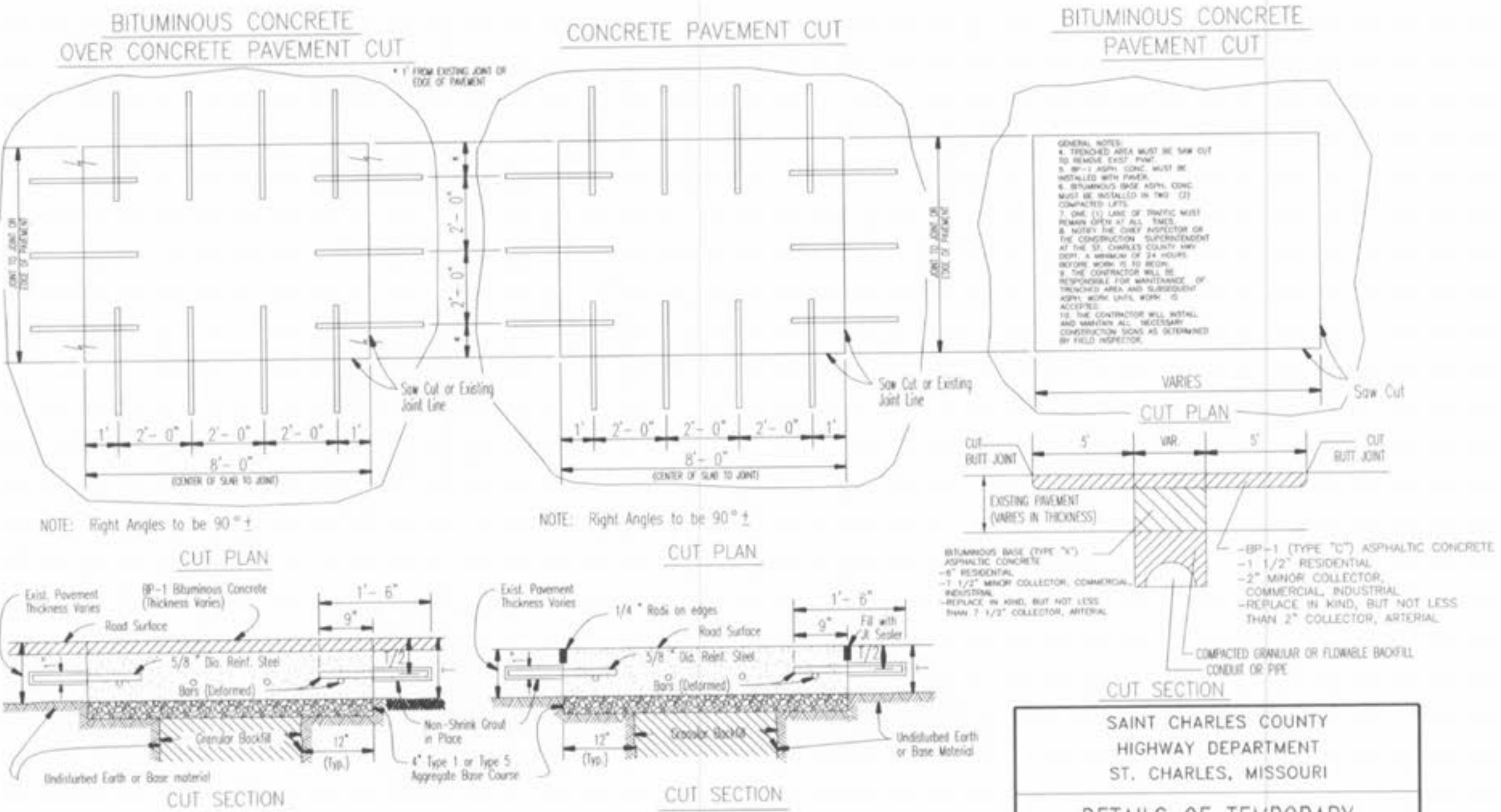
TYPICAL PAVEMENT 1/2 SECTION (26' W. PVMT)
NOT TO SCALE



TYPICAL PAVEMENT SECTION FOR ENTRANCE APPROACH
Per St. Charles County N.T.S.



TYPICAL ALLEY PAVEMENT SECTION (PRIVATE)
NOT TO SCALE



GENERAL NOTES

1. If a permit is issued to replace the existing asphaltic concrete pavement with full depth bituminous concrete pavement and concrete pavement is found under the existing asphaltic concrete pavement, the applicant will be required to follow the detail for Bituminous Concrete over Concrete Pavement Cut. The applicant will use Granular or equivalent to replace the existing concrete and use 4" Type 1 or Type 5 Aggregate over Granular Backfill or Puyfill as a subbase. Granular sets up in approximately 4 hours at which time the 8"-1" Bituminous Concrete Overlay can be applied to the base course.
2. If Bituminous Concrete over Concrete Pavement or Concrete Pavement is broken before sawcutting the pavement full concrete slab replacement will be required.
3. Minimum Thickness for Pavement Replacement to CONCRETE (T) BITUMINOUS (T)

All Residential Minor and Local Streets	6"	7 1/2"
Residential Collector, All County and Non-Residential Streets	7"	9 1/2"
All Arterial Streets	8"	12"

 Pavement replacement will require 4" Type 1 or Type 5 Aggregate Base Course, Granular Backfill and Base will be compacted by mechanical tamping methods in lifts no greater than 6 inches.

SAINT CHARLES COUNTY
HIGHWAY DEPARTMENT
ST. CHARLES, MISSOURI
DETAILS OF TEMPORARY OPENINGS IN ROADWAY PAVEMENT
DRAWING: C613.00
DATE: October, 2002

PICKETT RAY & SILVER
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St. Peters, MO 65276
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Fax (636) 397-1104
CIVIL ENGINEERS
PLANNERS
LAND SURVEYORS

Prepared For:
THE JONES COMPANY
Building Heroes Since 1927
16441 CHESTERFIELD GROVE BLVD
CHESTERFIELD, MO 63005
0130 285787
WELLINGTON PARK
CONSTRUCTION DETAILS

REVISIONS	DATE	REV. BY	ST. CHARLES CO. HWY.
1	05/13/03		

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.
PICKETT, RAY & SILVER, INC.

DRAWN: E.J.S. DATE: 03-04-03
CHECKED: DATE:
PROJECT # 02077.JCCH.00R
TASK # 6 FIELD 1997B
BOOK 821

WELLINGTON PARK
CONSTRUCTION DETAILS
SHEET 15 OF 23
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