

CONSTRUCTION DETAILS

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Additional straw bales may be required as directed by the Department.
- Siltation control devices to remain in place until adequate vegetative growth occurs to further stabilize the soil.
- Straw bales shall be inspected periodically for deterioration. Bales which have rotted or failed shall be replaced as directed by the Department.
- Straw bales shall be inspected periodically for deterioration. Bales which have rotted or failed shall be replaced as directed by the Department.
- Attachment of Wire Ties and Geotextile Fabric to be in accordance with the manufacturer's recommendation.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

SILTATION CONTROL DEVICES

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C107.11

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- May be varied with Street Design Approval only by the Department of Highways and Traffic. Special design may be required.
- See "Design Control for Vertical Curves" for details of vertical curves. Refer to page 20.50-1 of the Design Criteria for the Preparation of Improved Plans.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

TYPICAL DETAILS UNDERGRADING

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C203.54

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- May be varied with Street Design Approval only by the Department of Highways and Traffic. Special design may be required.
- See "Design Control for Vertical Curves" for details of vertical curves. Refer to page 20.50-1 of the Design Criteria for the Preparation of Improved Plans.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

STREET INTERSECTION PLATFORM

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C203.54

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- Pavement Lugs shall be required on all street grades of 0.5% or greater.
- Pavement Lugs shall be located at a point of which the street grade first exceeds 0.5% and then discontinued at the following opening 200' intervals on longest runs. 60' intervals on horizontal curve sections or at other intervals as directed by the Department.
- Pavement Lugs shall be for 4.5" depth. When required on pavements narrower than 20' width, details are as noted.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

JOINTS AND CURBS

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C203.54

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- Pavement Lugs shall be required on all street grades of 0.5% or greater.
- Pavement Lugs shall be located at a point of which the street grade first exceeds 0.5% and then discontinued at the following opening 200' intervals on longest runs. 60' intervals on horizontal curve sections or at other intervals as directed by the Department.
- Pavement Lugs shall be for 4.5" depth. When required on pavements narrower than 20' width, details are as noted.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

INTEGRAL VERTICAL CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C502.04

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- Pavement Lugs shall be required on all street grades of 0.5% or greater.
- Pavement Lugs shall be located at a point of which the street grade first exceeds 0.5% and then discontinued at the following opening 200' intervals on longest runs. 60' intervals on horizontal curve sections or at other intervals as directed by the Department.
- Pavement Lugs shall be for 4.5" depth. When required on pavements narrower than 20' width, details are as noted.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

INTEGRAL ROLLED CURB AND CONCRETE PAVEMENT TYPICAL SECTIONS AND DETAILS

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C502.04

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- Pavement Lugs shall be required on all street grades of 0.5% or greater.
- Pavement Lugs shall be located at a point of which the street grade first exceeds 0.5% and then discontinued at the following opening 200' intervals on longest runs. 60' intervals on horizontal curve sections or at other intervals as directed by the Department.
- Pavement Lugs shall be for 4.5" depth. When required on pavements narrower than 20' width, details are as noted.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

PAVEMENT LUG

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C502.04

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- Pavement Lugs shall be required on all street grades of 0.5% or greater.
- Pavement Lugs shall be located at a point of which the street grade first exceeds 0.5% and then discontinued at the following opening 200' intervals on longest runs. 60' intervals on horizontal curve sections or at other intervals as directed by the Department.
- Pavement Lugs shall be for 4.5" depth. When required on pavements narrower than 20' width, details are as noted.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

PROFILE IN TRANSIT SECTION

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C502.04

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- For construction details for 3' Paved Shoulder refer to the Pavement Construction Details for "3' Paved Shoulder" Standard Drawing C502.03.
- All necessary pavement markings by St. Louis County.
- Shoulder width increases to 6" Private Driveway and 7" City Concrete Driveway per Pavement Construction Detail.
- For outside curb, shoulder, pavement types and thickness refer to Standard "Typical Sections".
- For concrete or individual developments refer to the Pavement Construction Details for "25' Right-of-Way Turnaround Configuration Without Island" Standard Drawing C502.03.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS CUL-DE-SAC AND TURN AROUND CONFIGURATIONS

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C502.07

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- For construction details for 3' Paved Shoulder refer to the Pavement Construction Details for "3' Paved Shoulder" Standard Drawing C502.03.
- All necessary pavement markings by St. Louis County.
- Shoulder width increases to 6" Private Driveway and 7" City Concrete Driveway per Pavement Construction Detail.
- For outside curb, shoulder, pavement types and thickness refer to Standard "Typical Sections".
- For concrete or individual developments refer to the Pavement Construction Details for "25' Right-of-Way Turnaround Configuration Without Island" Standard Drawing C502.03.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

PAVEMENT CONSTRUCTION DETAILS CUL-DE-SAC AND TURN AROUND CONFIGURATIONS

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C502.08

NEW REVISIONS

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GENERAL NOTES:

- Do not scale drawing. Follow dimensions.
- Sections are symmetrical about construction centerline.
- For longitudinal and transverse joints, steel and tie bar requirements and curb dimensions refer to the Pavement Construction Details for "Joints and Curbs" Standard Drawing C502.03.
- All necessary pavement markings by St. Louis County.
- For outside curb, shoulder, pavement types and thickness refer to Standard "Typical Sections".

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

STANDARD RESIDENTIAL STREET ENTRANCE

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C608.33

NEW REVISIONS

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GENERAL NOTES:

- Street name sign posts shall be 8 1/2 inches with extruded aluminum panels in 24, 30, 36 and 42 inch lengths per drawing shown on this detail.
- Sign Legend shall be 4 inch Series C Reflective White Letters for the Street Name and 2 1/2 inch Series B letters for the suffix on Green Reflective background. All reflective lettering shall be Type 1 - Extruded and meet Federal Specification FF-70-107 Section 03.31.00 Street Reflective Material.
- Sign Posts shall have a 2 1/2 inch outside diameter and be 10 feet in height. They shall be either Schedule 40 Aluminum Pipe or Galvanized Steel with a wall thickness of 0.085 inches. The double wall shall be galvanized or have a hot zinc based organic coating in accordance with ASTM-A513 to obtain a weight of 0.0538 Street Reflective Material.
- Signs are to be mounted a minimum of 4.5 feet from the back of curb with a minimum clearance from the sidewalk of 15 feet.
- Additional information relating to fabrication, field fittings and quality of street name signs, supports and posts is in file at the Traffic Office, 9505 Forsyth Boulevard, Clayton, Missouri 63105.
- Sign Posts shall be mounted 18-24 inches in the ground and set in a concrete base.
- For additional information refer to the Typical Intersection Details for "Sidewalk, Street Name Signs and Mounting" Standard Drawing C608.21.
- The contractor shall be responsible for verification of underground utility and structures offset or interference in the placement of sign posts.

ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC CLAYTON, MISSOURI

STREET NAME SIGNS, DETAILS AND LOCATIONS

APPROVED: [Signature] DIRECTOR

DATE: JUN 11 1998 DRAWING: C903.10