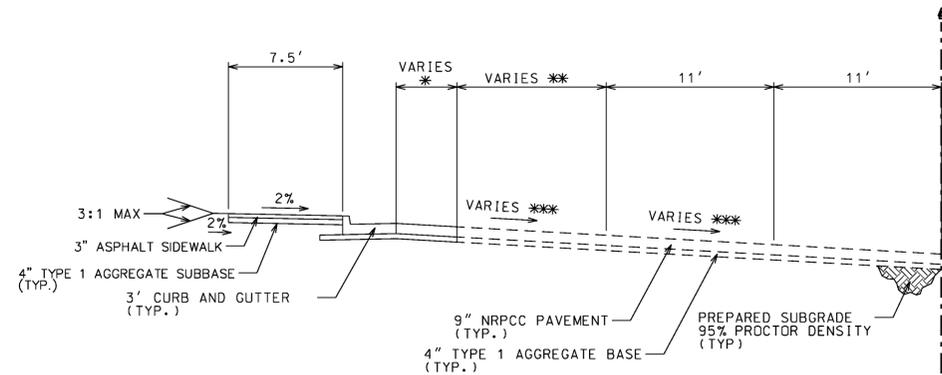


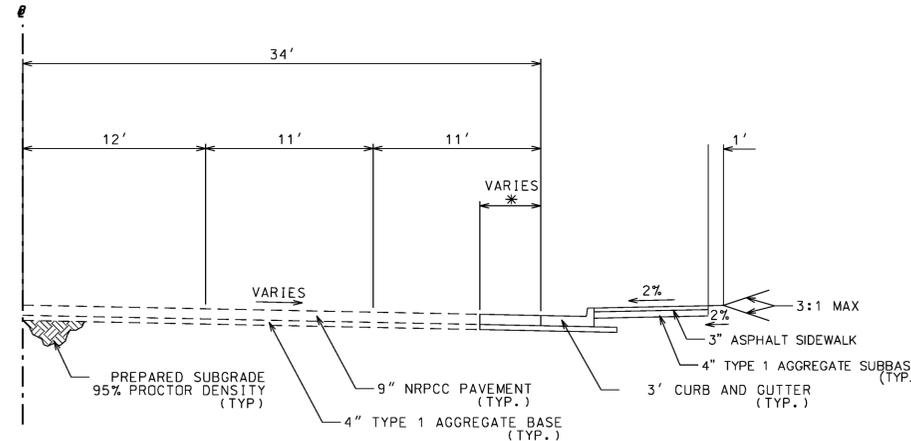
**GENERAL NOTES**

- All improvements constructed herein shall comply with the Code of Ordinances of the City of O'Fallon.
- If property is greater than 1 acre, a Land Disturbance permit from the Missouri Department of Natural Resources is required prior to commencing any demolition, clearing or construction on site. Provide copy of approval from the Department of Natural Resources to the Public Works Department. (Permit #-----)
- Siltation control shall be the responsibility of the contractor and shall be in accordance with the SWPPP plan. Additional siltation control may be required as directed by the City Engineer. (Code Section 510.090.B)
- When grading operations are completed or suspended for more than 30 days, permanent grass must be established to control erosion. (Code Section 510.090.D.1)
- All mud and debris from construction site to be kept off of City maintained streets. Streets shall be swept twice daily. (Code Section 510.090.E)
- Handicap spaces cannot have a grade in excess of 2% in any direction. (Code Section 400.705.B.4)
- Handicap accessible routes and ramps cannot have a cross slope in excess of 2%. (Code Section 400.705.B.4)
- All water main construction including valves, sleeves, meters, hydrants and fittings must conform to City of O'Fallon Water Specifications.
- When a sanitary sewer lateral crosses over a water line, a minimum vertical clearance of 18 inches shall be provided. If this clearance is not possible, then both the water line and the sewer line will be encased in concrete until there is a 10 feet horizontal clearance between the two lines.
- All sanitary sewer construction must conform to the latest version of the Metropolitan St. Louis Sewer District's standards and specifications.
- All street and sidewalk construction is to be per the latest St. Charles City standards.
- Flowable fill backfill shall be used for all backfill on sewer trenches that are under City streets, from the top of the bedding material (6 inches above the pipe) to the surface, or to within one foot of grade in landscaped areas. (Code Section 510.280.D.1.a)
- Earth backfill (meeting MSD standards) may be used outside of paved areas, from the top of the bedding material to the surface. Earth backfill should be placed in a maximum 8-inch loose lifts and shall be mechanically compacted to a minimum density of 85% maximum density as determined by the Modified AASHTO T-180 Compaction Test or 90% of maximum density as determined by the Standard Proctor Test AASHTO T-99.
- All storm sewer design is to conform to the Metropolitan St. Louis Sewer District's design requirements.
- All storm sewer construction is to be per the Latest Edition of the Metropolitan St. Louis Sewer District (MSD) Standard Construction Specifications for Sewers and Drainage Facilities. (Code Section 510.280)
- All pipe joints and joints on new structures shall use City approved rubber compression type joints. Water stops are required at all points of connection not using rubber compression type joints such as connections to existing structures. (Code Section 510.280.F)
- Concrete covers on structures will not be allowed. Only cast iron covers are permitted. (Code Section 510.280.E)
- Brick storm and sanitary structures will not be allowed.
- It shall be the responsibility of the contractor/developer to provide traffic control per the latest edition of the Manual of Uniform Traffic Control Devices.
- All utilities shall be located underground.
- All filled places under proposed storm and sanitary sewer and/or paved areas shall be compacted to 90% of maximum density as determined by the Modified AASHTO T-180 Compaction Test or 95% of maximum density as determined by the Standard Proctor Test AASHTO T-99.
- All filled places in proposed roads shall be compacted from the bottom of the fill up to 90% maximum density as determined by the Modified AASHTO T180 Compaction Test or 95% of maximum density as determined by the Standard Proctor Test AASHTO T-99. All tests shall be verified by a soils engineer concurrent with grading and backfilling operations.
- Grades cannot exceed a 3:1 slope. (Code Section 510.090.A)
- Construction activities shall abide by the noise restrictions as outlines in Code Section 230.



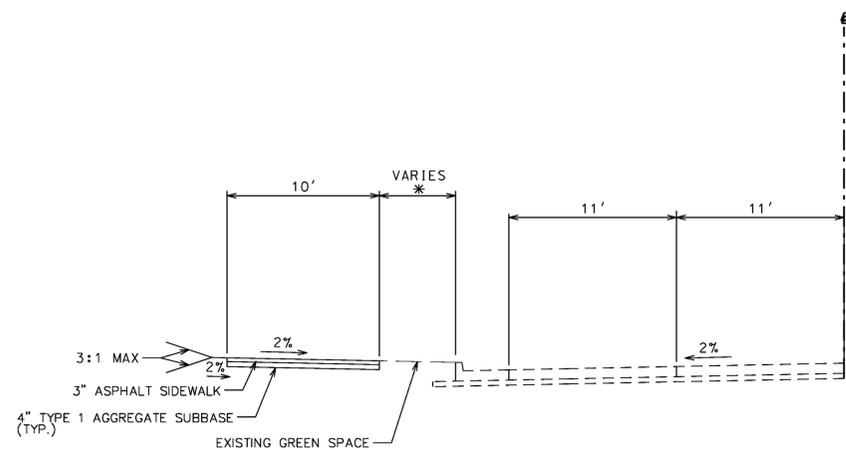
**TYPICAL SECTION  
BRYAN ROAD**

- \* STA 106+12.73 TO STA 106+72.80  
WIDENING VARIES FROM 0' TO 6.05' LT  
THEN STA 106+72.80 TO 107+39.63  
WIDENING VARIES FROM 6.05' TO 0' LT
- \*\* STA 106+12.73 TO STA 107+39.63  
VARIES FROM 9.5' TO 1.2' LT
- \*\*\* STA 106+12.73 TO STA 107+39.63  
SUPERELEVATION VARIES FROM 5.6% TO 4.2%



**TYPICAL SECTION  
BRYAN ROAD**

- \* STA 101+95.85 TO STA 105+81.65  
WIDENING VARIES FROM 0' TO 8.8' RT



**TYPICAL SECTION  
BRYAN ROAD**

- STA 100+36.88 TO STA 104+27.37
- \* STA 100+36.88 TO STA 104+27.37  
GREENSPACE VARIES FROM 7' TO 0'

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DRAWN BY \$UCSERNAME\$\$

REVISION
PER CITY COMMENTS 03/10/16
PER CITY COMMENTS 04/19/16
PROJECT NUMBER
GBA PROJECT NUMBER 13226.00
DATE 4/20/2016
DESIGNED: DSB
DRAWN: MLG
REVIEWED
SHEET TITLE TYPICAL SECTION SHEET 1 OF 1
SHEET NUMBER 2