

PLANS
FOR CONSTRUCTION OF
WESTBROOK STORM DRAINAGE IMPROVEMENTS
FOR THE
CITY OF O'FALLON, MISSOURI

A37

GBA Project No. 7137

INDEX OF SHEETS

TITLE SHEET	1
PLAN & PROFILE	2
STORM DRAINAGE DETAILS	3



LOCATION MAP

UTILITY COMPANIES

UTILITY COMPANY	LINE LOC. NO.	EMERGENCY NO.
Union Electric	327-6203	327-6203
GTE Telephone Operations	1-800-344-7483	639-3600
Southwestern Bell Telephone	1-800-344-7483	1-800-344-7483
Laclede Gas Company	535-7700	621-6960
TCl Cablevision	441-6048	429-3548
Cuivre River Electric	1-800-392-3709	1-800-392-3709
	411-7410	
	327-5282	
Alliance Water Resources (O'Fallon Water & Sewer)	281-2858	240-3200 (O'Fallon P.D.)

GENERAL NOTES

1. All construction shall be done in accordance with the standards set forth by the City of O'Fallon. Construction shall be done under the supervision of the Engineer.
2. All surface and subsurface conditions disturbed during construction shall be restored to equal or better condition by the Contractor. This includes but is not limited to, pavement, utilities, and grass areas.
3. Known underground structures, telephone conduits, gas, water, sewer pipes, etc, close enough to be affected by the work, are shown on the plans, although others may exist. The locations shown are believed to be reasonably correct, but do not purport to be absolutely so. Before starting work, the Contractor shall notify all utilities involved, and shall request them for cooperation in locating lines in advance of the work. The Contractor shall make a reasonable effort to avoid breaking utility lines. The utility shall be notified immediately should a break occur in a line during construction under this Contract. Any lines so broken by the Contractor shall be repaired, according to the utility companies standards, at the contractors expense.
4. During construction, access shall be maintained for emergency vehicles and local traffic. All construction signs and traffic controls shall be in accordance with the "Manual on Uniform Traffic Control Devices" (DOT-FHWA). The fire, police, and ambulance departments, school bus companies, and the post office are to be notified 48 hours prior to any street blockages.
5. The Contractor shall do all necessary clearing preparatory to excavation for the proposed construction. The Contractor shall not allow the site of the work to become littered with trash and waste material but shall continually maintain same in a neat and orderly condition during the process of the work to completion. The Contractor shall not place any excavation material on roadways and shall continually clean all dirt from roadways so to not allow same to pack on roadways or create a driving nuisance.
6. No area shall be cleared without permission of the Engineer unless specified on the plans.
7. All property monuments disturbed during construction are to be replaced at the expense of the Contractor.
8. Removal, relocation, and grade adjustment on fences, mailboxes, signs, irrigation systems, and other miscellaneous structures shall be subsidiary to other costs.
9. The Contractor shall erect and maintain such barricades, construction signs, lanterns, guards as may be required to protect persons from injury and to avoid property damage during the construction period and until it is safe for vehicles to use the facilities. All excavated material shall be stored in a manner that will not endanger the work and that will avoid obstructing neighboring roadways.
10. All finish grades shall be within 0.2 feet of those shown on the plans. No slopes shall be greater than 3:1. All disturbed soil shall be sodded following grading activities.
11. All filled areas shall be compacted to 90% maximum density as determined by the "Modified AASHTO Compaction Test", (A.S.T.M.-D-1557). All fill areas within public roadways shall be compacted to 95% maximum density as determined by the "Standard Proctor Test AASHTO A.S.T.M. D-698), or as directed by the soils report for this project.
12. All trench backfills under paved areas shall be granular backfill and shall be compacted to 90% maximum density as determined by the "Modified AASHTO T-180 Compaction Test", (A.S.T.M. D-1557), or as directed by the soils report for this project. All other trench backfills may be earth material (free of large soil components and stones). All trench backfills shall be water jetted or compacted to 85% maximum density as determined by the "Modified AASHTO T-180 Compaction Test", (A.S.T.M. D-1557).
13. Siltation control devices shall be placed as shown on these plans and approved by the local governing authority. Additional siltation control, if required, will be placed at the direction of the Engineer, and or the local governing authority prior to placement.
14. Storm sewers 18" in diameter or smaller shall be A.S.T.M. C-14.
15. Storm sewer 21" in diameter or larger shall be A.S.T.M. C-76, Class II.
16. All storm sewer pipe under pavement, regardless of size shall be reinforced concrete pipe (A.S.T.M. C-76, Class III).
17. All standard street curb inlets shall have the front face of the inlet stone set 2 feet behind the back of the curb.
18. The price of all curb inlets and area inlets shall include a 5/8 inch diameter bar in each opening.
19. All street construction shall meet the specifications and the installation requirements of the City of O'Fallon.
20. Ponding water will not be permitted in any area disturbed by the construction of this project.
21. All trees, stumps and shrubs removed during construction shall be hauled from the site.

17

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