

CITY OF O'FALLON DEPARTMENT OF PUBLIC WORKS

ABBREVIATIONS

AI	AREA INLET	M.O.	MIDDLE ORDINATE
ASPH.	ASPHALT	NO.	NUMBER
ATG	ADJUST TO GRADE	NTS	NOT TO SCALE
ATGBO	ADJUST TO GRADE BY OTHERS	OF	OUTFALL
B	BASELINE	PB	PULL BOX
B.C.	BACK OF CURB	PC	POINT OF CURVATURE
BEG.	BEGINNING	PCC	PORTLAND CEMENT CONCRETE
BLD.	BUILD	PDE	PERMANENT DRAINAGE EASEMENT
BM	BENCHMARK	P.E.	PRIVATE ENTRANCE
C or C	CENTERLINE	PI	POINT OF INTERSECTION
C.E.	COMMERCIAL ENTRANCE	PP	POWER POLE
CHIS.	CHISELED	PROP.	PROPOSED
CI	CURB INLET	PS	PRIVATE SIGN
C.L.	CONSTRUCTION LIMIT	PT	POINT OF TANGENT
CLF	CHAIN LINK FENCE	PV	POINT OF VERTICAL CURVATURE
CMP	CORRUGATED METAL PIPE	PVC	OR POLYVINYL CHLORIDE
CONC.	CONCRETE	PVI	POINT OF VERTICAL INTERSECTION
CONST.	CONSTRUCTION/CONSTRUCT	PVMT.	PAVEMENT
COR.	CORNER	PVT	POINT OF VERTICAL TANGENT
CSB	CABLE SPLICE BOX	R	RADIUS
CT.	COURT	R/W	RIGHT-OF-WAY
DCI	DOUBLE CURB INLET	RCP	REINFORCED CONCRETE PIPE
DR.	DRIVE	RD.	ROAD
EL.	ELEVATION	RET	RETAINING
EP	EDGE OF PAVEMENT	RT	RIGHT
ELEV.	ELEVATION	SDWK.	SIDEWALK
EX	EXISTING	SGI	SPECIAL GRATE INLET
EXIST.	EXISTING	SHLDR.	SHOULDER
FC	FACE OF CURB	SS	STREET SIGN
FES	FLARED END SECTION	S.S.D.	STOPPING SIGHT DISTANCE
F	FLOWLINE	STA.	STATION
GD	GAS DRIP	SURF.	SURFACE
GDP	GUARD POST	TBA	TO BE ABANDONED
GI	GRATE INLET	TBADJ	TO BE ADJUSTED
GM	GAS METER	TBM	TEMPORARY BENCHMARK
GT	GRATED TROUGH	TBR	TO BE REMOVED
GV	GAS VALVE	TBR&R	TO BE REMOVED AND REPLACED
GWA	GUY WIRE ANCHOR	TBR&RBO	TO BE REMOVED AND REPLACED BY OTHERS
GWS/OWS	GAS/OIL WARNING SIGN	T.C.E.	TEMPORARY CONSTRUCTION EASEMENT
HOR	HORIZONTAL	TEMP.	TEMPORARY
INV.	INVERT	TSB	TELEPHONE SPLICE BOX
IP	IRON PIN	TL	TRAFFIC LIGHT
K	RATE OF VERTICAL CURVE	TYP.	TYPICAL
LN.	LANE	UIP	USE IN PLACE
LS	LIGHT STANDARD	VC	VERTICAL CURVE
LT	LEFT	VCP	VITRIFIED CLAY PIPE
m	METER	WM	WATER METER
MB	MAIL BOX	WV	WATER VALVE
MH	MANHOLE		
MISC.	MISCELLANEOUS		
mm	MILLIMETER		

CONSTRUCTION PLANS



113-6796
Utility status
woodlawn
have not received

DESIGN DESIGNATION

A.D.T = 10,000 to 40,000 vpd (Estimated)
DESIGN SPEED = 40 mph (Cool Springs Road)
DESIGN SPEED = 30 mph (Pearl Drive)
DESIGN SPEED = 60 mph (Route 79)

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-5	TYPICAL SECTIONS
6-13	PLAN AND PROFILE-COOL SPRINGS ROAD
14	PLAN AND PROFILE-PEARL DRIVE
15	GEOMETRIC LAYOUT (WARPING)
16-29	TRAFFIC CONTROL PLANS
30-33	TEMPORARY EROSION CONTROL PLANS
34-39	STRIPING AND SIGNAGE PLANS
40-46	SIGNAL PLANS
47-57	PIPE PROFILES
57	BOX CULVERT PROFILES
58	BOX CULVERT STRUCTURAL DETAILS
59-91	CROSS SECTIONS-COOL SPRINGS ROAD
92-96	CROSS SECTIONS-PEARL DRIVE
97-105	CROSS SECTIONS-STATE ROUTE 79
106-107	DRIVEWAY PROFILES

CONVENTIONAL SIGNS

EXISTING	DESCRIPTION	PROPOSED
	CONCRETE	
	ASPHALT	
	SOD	
LS	LIGHT CONDUIT	
	LIGHT STANDARD (250 WATT HIGH PRESSURE SODIUM LUMINAIRE)	
PP	POWER POLE	
SMH	SEWER MANHOLE	
WMH	WATER MANHOLE	
SV	SEWER VENT	
FH	FIRE HYDRANT	
	INLET	
	GRATED INLET	
	TREE	
	DOUBLE INLET	
GD, GV	GAS DRIP, GAS VALVE	
GWA	GUY ANCHOR, WIRE	
WV, WM	WATER VALVE, WATER METER	
	FENCE	
2.360	ELEVATION	
	EXISTING	
	PROPERTY OR RIGHT-OF-WAY LINE	
	CENTER OR SURVEY LINE	
	SEWER PIPE	
	GAS PIPE	
	WATER PIPE	
	UNDERGROUND TELEPHONE	
	ELECTRICAL CABLE	
	TEMPORARY CONSTRUCTION EASEMENT	
	CONSTRUCTION LIMITS	
	DITCH	
	WHEEL CHAIR RAMP	

COOL SPRINGS ROAD EXTENSION

HORIZONTAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY ADOPTING CONTROL POINTS 6 & 10 FROM THE COOL SPRINGS ROAD/1-70 INTERCHANGE PLANS PREPARED BY BURNS & McDONNELL.

POINT 6-80d WITH CROSS ON NORTH ASPHALT SHOULDER OF EAST TERRA LANE AT GOLDEN TRIANGLE CONCRETE COMPANY.
N 1081421.885
E 771275.0315

POINT 10-SET NAIL AT @ DIAGONALS OF GRATE INLET AT ENTRANCE TO 84 LUMBER COMPANY.
N 1081450.428
E 768816.4406

VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY ADOPTING BENCH MARK R-2 FROM THE COOL SPRINGS ROAD/1-70 INTERCHANGE PREPARED BY BURNS & McDONNELL.
R-2 CHISELED 'D' OUT 4 FEET EAST OF THE WALL AT EAST TERRA LANE BRIDGE.
ELEV. 480.51

DISCLAIMER:

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND, THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS THE EXISTENCE OF WHICH IS AT PRESENT NOT KNOWN. VERIFICATION OF THE LOCATIONS OF UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

SCALES:
PLAN.....1"=50'
PROFILE1"=50' HOR. & 1"=10' VER.
CROSS SECTION.....1"=10' HOR. & VER.

LENGTH OF PROJECT

COOL SPRINGS ROAD	
END OF PROJECT	STA. 220+65
BEGINNING OF PROJECT	STA. 139+50
APPARENT LENGTH	8,115 FEET
EQUATIONS AND EXCEPTIONS	0 FEET
TOTAL CORRECTIONS	0 FEET
NET LENGTH OF PROJECT	8,115 FEET

NOTE: CONSTRUCTION OF STORM AND SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE 1992 METROPOLITAN ST. LOUIS SEWER DISTRICT SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES AND STANDARD CONSTRUCTION DETAILS.



PB PARSONS
BRINCKERHOFF



CITY OF O'FALLON
DEPARTMENT OF PUBLIC WORKS
O'FALLON, MISSOURI

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Plus Mobil
220
3872

7511
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