## CITY OF COTTLEVILLE GRADING NOTES:

1. Sediment and erosion control shall not be limited to the measures shown on the plans. The contractor, with the approval of the County inspector, shall utilize best management practices to prevent sediment from entering adjacent properties, roadways, storm sewers, and drainageways.

2. All filled places under proposed storm and sanitary sewer lines and/or paved areas including trench backfills within and off the road right-of-way shall be compacted to 95% percent of maximum density as determined by the "Standard Proctor Compaction Test" (ASTM D-698). All tests shall be verified by a Soils Engineer concurrent with grading and backfilling operations. See soils specifications.

3. All filled places shall be compacted from the bottom of the fill up to 95% percent maximum density as determined by the "Standard Proctor Compaction Test" (ASTM D-698). Paved areas in cuts shall meet the same compaction requirements. All tests shall be verified by a Soils Engineer concurrent with grading operations. See soils specifications.

4. All trash and debris on—site, either existing or from construction, must be removed and properly disposed of off-site.

5. Please notify the City of Cottleville 48 hours prior to the commencement of grading and/or prior to the commencement of construction.

6. All excavations, grading or filling shall have a finished grade not to exceed a 3:1 slope (33 %). 7. Temporary siltation control measures (structural) shall be maintained until vegetative cover is

established at a sufficient density to provide erosion control on the site. 8. Upon completion of storm sewers, siltation control shall be provided around all open sewer inlets and shall remain until the disturbed drainage areas have been properly stabilized.

9. Where natural vegetation is removed during grading, vegetation shall be re-established in such a density as to prevent erosion.

10. All finished grades (areas not to be disturbed by future improvement) in excess of 20% slopes (5:1) shall be mulched and tacked at the rate of 100 pounds per 1,000 square feet when seeded.

## GENERAL NOTES:

1. Underground utilities have been plotted from available information and therefore locations shall be considered approximate only. The verifications of the location of all underground utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to any grading or construction improvements.

2. All existing site improvements scheduled to remain that are disturbed, damaged or destroyed shall be repaired or replaced to closely match pre construction conditions.

3. All fill, including places under proposed storm and sanitary sewer lines and paved areas within and off the road right-of-way shall be compacted to 95% of maximum density as determined by the "Standard Proctor Test (ASTM D 698). All tests shall be verified by a Soils Engineer concurrent with grading and back filling operations. The compacted fill shall be free of rutting and shall be non-yielding and non-pumping during proof rolling and compaction.

4. The contractor shall prevent all storm, surface water, mud and construction debris from entering the existing sanitary sewer system.

5. All construction and materials shall conform to the current construction standards of the City of Cottleville.

6. City of Cottleville shall be notified at least 48 hours prior to start of construction for coordination and inspection.

7. Siltation control shall be provided around all open sewer inlet and shall remain until the disturbed drainage areas have been properly stabilized.

8. The contractor is responsible for following the current Unified Development Ordinance Section 412 for the installation of sediment and erosion control devices as well as site inspections and providing all documentation of rainfall inspections as outlined in the ordinance to the County.

9. Design plans and calculations for the proposed retaining walls and any required safety features must still be submitted to the City of Cottleville for their review and permit approval.

10. Portions of the project improvements are located within the 100-year special flood hazard area per FIRM 29183C0244G. The city shall be responsible for meeting all requirements of development and construction within the 100-year flood plain and flood way.



CALL BEFORE YOU DIG! 1-800-DIG-RITE \*FIBER OPTICS MAYBE PRESENT

# A SET OF CONSTRUCTION PLANS FOR PARKING ADDITIONS AT CITY HALL &

LEGACY PARK IN THE CITY OF COTTLEVILLE TRACTS OF LAND BEING PART OF US SURVEYS 1776, 304 AND PART OF VACATED HIGHWAY N AND 1/2 VACATED ANIS STREET TOWNSHIP 46 NORTH, RANGE 3 EAST

CITY OF COTTLEVILLE, ST. CHARLES COUNTY, MISSOURI BID SET

JULY 12, 2022



### CONTROL DATUM NOTES

PROJECT ELEVATIONS UTILIZE THE NAVD 88 VERTICAL DATUM AND WERE GENERATED BY GPS OBSERVATIONS USING A CELLULAR EQUIPPED TRIMBLE R8 GNSS ROVER AND TRIMBLE TSC3 DATA COLLECTOR AND ARE BASED ON THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION GLOBAL NAVIGATION SATELLITE REAL TIME NETWORK FOR CONTINUOUS OPERATING REFERENCE STATIONS.

REFERENCE BENCHMARK: THE OBSERVED VERTICAL CHECK STATION UTILIZED IS LISTED ON WWW.NGS.NOAA.GOV AS DESIGNATION "SC 05" WITH A PID OF AA8596 AND A PUBLISHED ELEVATION OF 526.00 (NAVD88).

LOCATED IN COTTLEVILLE, MO JUST NORTH OF THE ENTRANCE TO THE ST JOSEPH CATHOLIC CHURCH AND SCHOOL PARKING LOT ON THE WEST R/W OF MOTHERSHEAD RD. IT IS 44.94 FT (13.70 M) NE OF A NAIL AND SHINER ON THE SE SIDE OF A POWER POLE IN THE ISLAND BETWEEN THE ENTRANCE AND EXIT DRIVES FOR THE LOT, 65.67 FT (20.02 M) SOUTH OF A NAIL AND SHINER IN THE EAST SIDE OF A POWER POLE, 46.61 FT (14.21 M) NW OF A FIRE HYDRANT ON THE EAST SIDE OF MOTHERSHEAD RD., 20.3 FT (6.2 M) NE OF THE CENTER OF THE ENTRANCE DRIVE, 3.8 FT (1.2 M) NW OF THE BACK OF THE ASPHALT CURB AND 2 FT (0.6'M) NE OF A CARSONITE WITNESS POST THE AZIMUTH MARK IS ABOUT 0.3 MILES (0.5 KM) EAST OF THE STATION ON THE NORTH R/W OF HWY N AT THE ENTRANCE TO THE ARCHIE OBERLAG RESIDENCE.

SITE BENCHMARK (NAVD 88) - "X" CUT IN SQUARE ON NORTHWEST CORNER OF CONCRETE TRANSFORMER PAD LOCATED SOUTH OF THE NORTH PARKING LOT OF SUBJECT PROPERTY, WEST OF PLAYGROUND EQUIPMENT, LOCATED AS SHOWN HEREON. (ELEVATION=473.15')



Mark E. Collins Survevor MO PLS 2006000173





SUMMARY OF QUANTITIES								
ITEM NO	ITEM	UNIT	CITY HALL WEST LOT	CITY HALL EAST LOT A	CITY HALL EAST LOT B	LEGACY PARK LOT	SOCCER FIELD LOT AND ENTRANCE DRIVE	TOTAL
1	MOBILIZATION	L.S.	1	1	1	1	1	1
2	SOD	S.Y.	1386	70	310	0	0	1766
3	SEED AND MULCH	S.Y.	0	0	0	882	502	1384
4	EARTHWORK/FINISH GRADING	L.S.	1	1	1	1	1	1
5	TREE REMOVALS & GRUBBING	L.S.	1	1	1	1	1	1
6	REMOVAL OF EXISTING IMPROVEMENTS AND STRUCTURES	L.S.	1	1	1	1	1	1
7	3" ASPHALT PAVEMENT	S.Y.	1696	214	398	1274	5148	8730
8	4" CONCRETE SIDEWALK	S.Y.	339	80	0	0	0	419
9	6" CONCRETE APRON	S.Y.	0	0	0	112	0	112
10	8" TYPE 5 ROCK BASE	S.Y.	1696	214	398	1386	5148	8842
11	4" TYPE 5 ROCK BASE	S.Y.	0	0	0	85	0	85
12	SAWCUT	L.F.	43	111	173	62	0	389
13	6" CONCRETE CURB	L.F.	96	0	0	0	0	96
14	ACRYLIC PAVEMENT MARKING - 4" SOLID WHITE	L.F.	826	140	298	591	3606	5461
15	ACRYLIC PAVEMENT SYMBOL	S.F.	0	0	0	12	199	211
16	CONCRETE WHEELSTOP	EA.	26	10	18	29	53	136
17	SIGN AND POST	EA.	0	0	0	2	4	6
18	15" RCP (IN PLACE)	L.F.	48	0	0	0	0	48
19	18" RCP (IN PLACE)	L.F.	185	0	0	0	0	185
20	PRECAST CURB INLET	EA.	1	0	0	0	0	1
21	PRECAST AREA INLET	EA.	2	0	0	0	0	2
22	PRECAST STORM MANHOLE W/ 48" DIA. BASE (IN PLACE)	EA.	1	0	0	0	0	1
23	CONCRETE HEADWALL	EA.	0	0	0	1	0	1
24	MODULAR BLOCK RETAINING WALL	S.F.	442	0	0	0	0	442
25	3-RAIL WOOD SPLIT RAIL FENCE	L.F.	45	0	0	0	0	45
26	REMOVE AND RELOCATE WATER FAUCET AND WATER VALVE	EA.	1	0	0	0	0	1
27	3" PVC ELECTRICAL CONDUIT W/ PULL STRING	L.F.	0	51	0	0	0	51
28	SILTATION CONTROL	L.F.	110	48	258	158	0	574
29	CONTRACTOR SURVEYING AND STAKING	L.S.	1	1	1	1	1	1
30	CONSTRUCTION AS-BUILT PLANS PER CITY OF COTTLEVILLE	L.S.	1	1	1	1	1	1













	2.1.20030
nd other	5 days
cal	7 days
50 feet.	14 days
	End of workday
	30 days
ent soil	30 days