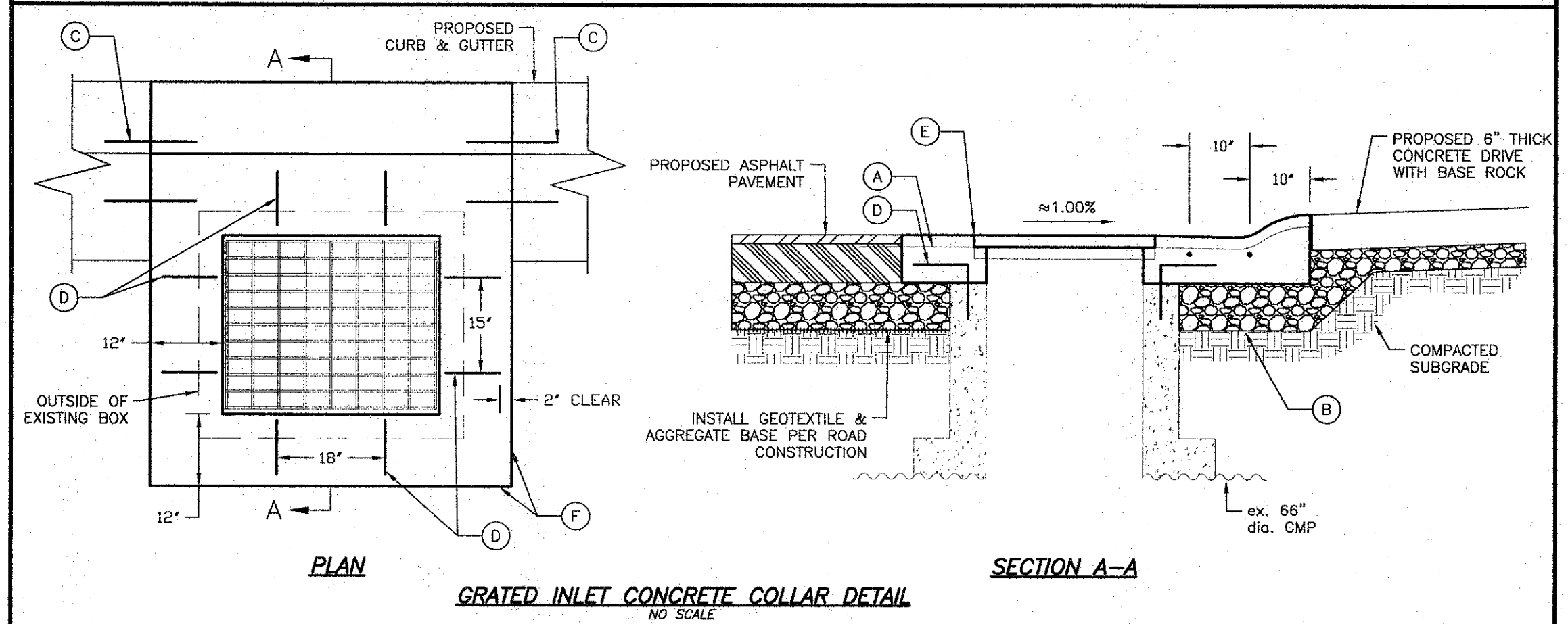
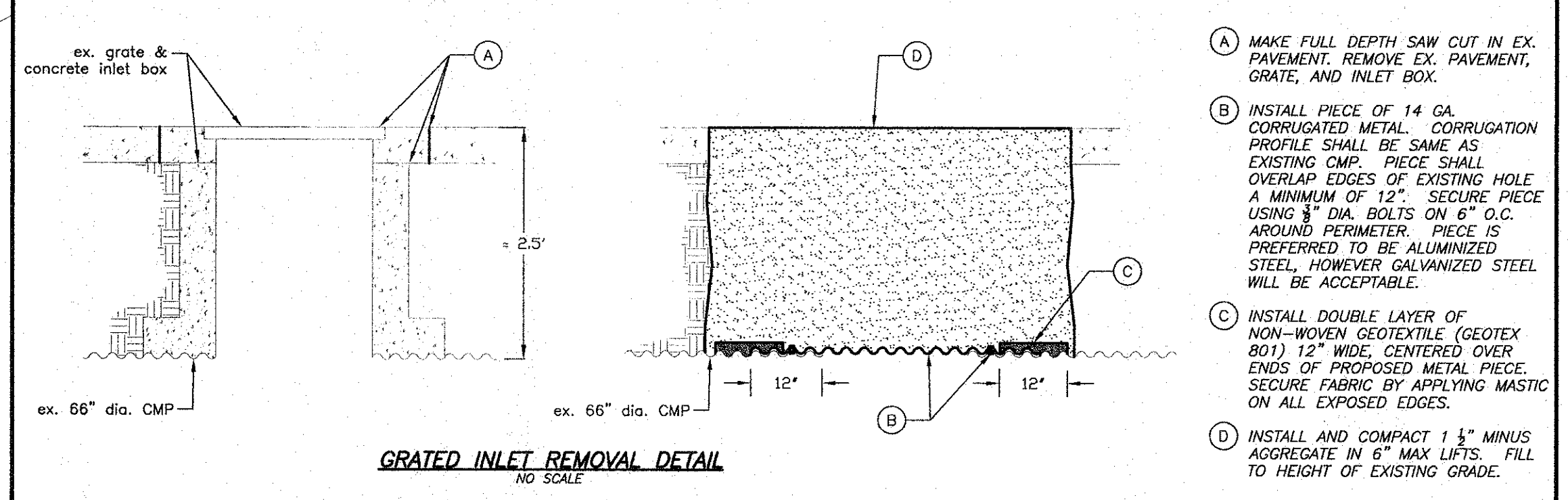


EL CHAPARRAL AVE. LOW SPOT SITE PLAN NOTES:

- ① INSTALL SEDIMENT CONTROL DEVICE IN EXISTING FLUME PRIOR TO ANY WORK TAKING PLACE. DEVICE MAY INCLUDE, BUT IS NOT LIMITED TO, STRAW BALES OR FILTER FABRIC WRAPPED ROCK CHECK DAM. MAINTAIN SEDIMENT CONTROL PER SPECIAL PROVISIONS.
- ② REMOVE AND REPLACE EXISTING SANITARY SEWER SERVICE LATERALS FOR 1722 & 1742 EL CHAPARRAL AVE. WORK SHALL BE DONE PER "EL CHAPARRAL AVE. SEWER LATERAL PLAN & DETAILS."
- ③ FULL DEPTH SAW CUT 30" FROM BACK OF CURB
- ④ REMOVE EXISTING GRATED INLET PER "GRATED INLET REMOVAL DETAIL."
- ⑤ REMOVE AND REPLACE EXISTING ROLLBACK CURB AND GUTTER. CONSTRUCT NEW ROLLBACK CURB PER "ROLLBACK CURB AND GUTTER DETAIL." PROPOSED CURB AND GUTTER SHALL BE PLACED TO NEW GRADE AS PER THE LISTED FINISHED GRADE POINTS. GUTTER PAN SHALL BE TILTED TOWARD THE ROAD CENTERLINE (TILT OUT).
- ⑥ REMOVE AND REPLACE EXISTING ROLLBACK CURB AND GUTTER. CONSTRUCT NEW ROLLBACK CURB PER "ROLLBACK CURB AND GUTTER DETAIL." PROPOSED CURB AND GUTTER SHALL BE PLACED TO NEW GRADE AS PER THE LISTED FINISHED GRADE POINTS. GUTTER PAN SHALL BE TILTED AWAY FROM THE ROAD CENTERLINE (TILT IN).
- ⑦ REMOVE EXISTING CONCRETE PAVEMENT AROUND GRATED INLET. CONSTRUCT NEW CONCRETE COLLAR PER "GRATED INLET CONCRETE COLLAR DETAIL."
- ⑧ REMOVE AND REPLACE CONCRETE DRIVEWAY APPROACH PER "1722 EL CHAPARRAL DRIVEWAY DETAIL."
- ⑨ PORTION OF EXISTING DRIVEWAY WILL BE REMOVED AND REPLACED AT THE RESPONSIBILITY OF THE HOMEOWNER. THIS PORTION SHALL NOT BE INCLUDED FOR PAYMENT IN THE PROJECT. HOWEVER, THE CONTRACTOR SHALL COORDINATE WITH THE HOMEOWNER TO PREVENT ANY CONSTRUCTION CONFLICTS.
- ⑩ REMOVE AND REPLACE PORTIONS OF EXISTING CONCRETE FLUME. NEW FLUME SHALL BE CONSTRUCTED PER "CONCRETE FLUME PLAN & DETAILS."
- ⑪ REMOVE EXISTING CONCRETE STREET AND EXCAVATE SUBGRADE TO DESIGN DEPTH. COMPACT SUBGRADE, INSTALL HIGH STRENGTH WOVEN GEOTEXTILE, INSTALL AND COMPACT AGGREGATE BASE COURSE, AND INSTALL PROPOSED FULL DEPTH ASPHALT PAVEMENT. WORK SHALL TAKE PLACE AS TO ASSURE FINISHED ELEVATIONS ARE PER FINISHED GRADE ELEVATIONS AS PRESENTED BELOW. WORK SHALL ALSO TAKE PLACE IN A MANNER WHICH LEAVES A MINIMUM OF ONE LANE OPEN TO TRAFFIC AT ALL TIMES.



- A MAKE FULL DEPTH SAW CUT IN EX. PAVEMENT. REMOVE EX. PAVEMENT, GRATE, AND INLET BOX.
 - B INSTALL PIECE OF 14 GA CORRUGATED METAL. CORRUGATION PROFILE SHALL BE SAME AS EXISTING CMP. PIECE SHALL OVERLAP EDGES OF EXISTING HOLE A MINIMUM OF 12". SECURE PIECE USING 3/8" DIA. BOLTS ON 6" O.C. AROUND PERIMETER. PIECE IS PREFERRED TO BE ALUMINIZED STEEL, HOWEVER GALVANIZED STEEL WILL BE ACCEPTABLE.
 - C INSTALL DOUBLE LAYER OF NON-WOVEN GEOTEXTILE (GEOTEX 801) 12" WIDE, CENTERED OVER ENDS OF PROPOSED METAL PIECE. SECURE FABRIC BY APPLYING MASTIC ON ALL EXPOSED EDGES.
 - D INSTALL AND COMPACT 1 1/2" MINUS AGGREGATE IN 6" MAX LIFTS. FILL TO HEIGHT OF EXISTING GRADE.
- A REMOVE EXISTING CONCRETE PAVEMENT. SALVAGE EXISTING INLET GRATE AND FRAME. LEAVE EXISTING STORMWATER BOX IN PLACE.
 - B COMPACT SUBGRADE AROUND STORMWATER BOX. INSTALL 8" THICK, 1 1/2" MINUS AGGREGATE BASE.
 - C DRILL AND EPOXY INTO PROPOSED CURB AND GUTTER, #4 BARS, 15" LONG, 10" O.C.
 - D DRILL AND EPOXY INTO EXISTING STORMWATER BOX, 9"x9" BENT #4 BARS. BARS SHALL HAVE A MINIMUM OF 2" CLEAR FROM PROPOSED OUTSIDE OF CONCRETE COLLAR.
 - E SET SALVAGED INLET GRATE AND FRAME. POUR NEW 1" WIDE, APPROXIMATELY 8" THICK CONCRETE COLLAR. COLLAR SHALL BE PLACED PER FINISHED GRADE ELEVATIONS. ROLLBACK CURB SHALL CONSTRUCTED TO MATCH PROPOSED CURB AND GUTTER.
 - F APPLY TACK COAT TO EXPOSED FACES OF CONCRETE COLLAR PRIOR TO PLACING ASPHALT PAVEMENT.

EL CHAPARRAL AVE. LOW SPOT CONTROL POINTS

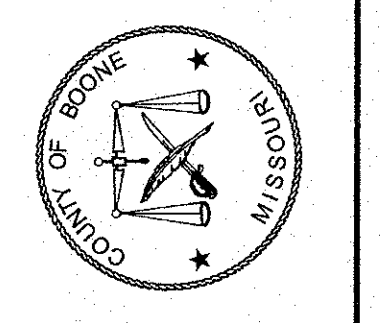
POINT #	NORTHING	EASTING	ELEV.
9	1127600.9345	1703838.3588	748.327
12	1127933.6478	1703733.9847	726.058
14	1128107.8792	1703632.7824	737.000
2047	1127901.3243	1703714.6751	724.371
2048	1127999.4643	1703770.1484	726.691
2084	1127897.8353	1703671.6040	725.104
2085	1127857.6848	1703757.9466	730.300

EL CHAPARRAL AVE. LOW POINT PROPOSED FINISHED GRADE POINTS

POINT	WEST BACK OF CURB			WEST GUTTERLIP			ROAD CENTERLINE			EAST GUTTERLIP			EAST BACK OF CURB		
	NORTHING	EASTING	ELEV.	NORTHING	EASTING	ELEV.	NORTHING	EASTING	ELEV.	NORTHING	EASTING	ELEV.	NORTHING	EASTING	ELEV.
A	EXISTING	EXISTING	EXISTING	1127866.7649	1703772.6486	729.56	1127873.0881	1703784.2757	729.77	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
B	1127874.3270	1703765.6225	729.36	1127875.5214	1703767.8188	729.06	1127881.8730	1703779.4982	729.30	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
C	1127882.9996	1703760.8151	728.86	1127884.2148	1703763.0217	728.55	1127890.6575	1703774.7199	728.82	1127897.1701	1703786.5451	729.03	EXISTING	EXISTING	EXISTING
D	1127891.8855	1703755.6651	728.36	1127893.0968	1703757.9537	728.06	1127899.4188	1703769.8991	728.35	1127905.7390	1703781.8413	728.59	1127906.9214	1703784.0754	728.96
E	1127900.3816	1703750.7870	727.89	1127901.5795	1703752.9826	727.59	1127908.2544	1703765.2161	727.88	1127914.7204	1703777.0668	728.14	1127915.9089	1703779.2451	728.50
F	1127909.2211	1703745.6968	727.41	1127910.3641	1703747.8522	727.11	1127917.0353	1703760.4312	727.41	1127923.3604	1703772.3578	727.68	1127924.5318	1703774.5664	728.04
G	-	-	-	1127918.8944	1703743.0253	726.66	1127925.8669	1703755.7405	726.94	1127932.3578	1703767.5777	727.20	1127933.5598	1703769.7697	727.57
H	-	-	-	1127927.5040	1703738.1346	726.36	1127934.6349	1703750.9320	726.62	1127941.2060	1703762.7248	726.78	1127942.4111	1703764.8876	727.14
I	-	-	-	1127936.4407	1703733.1251	726.29	1127943.3717	1703746.0671	726.49	1127949.7451	1703757.9679	726.51	1127950.9254	1703760.1718	726.81
J	-	-	-	1127945.2437	1703728.3808	726.37	1127952.1871	1703741.3460	726.56	-	-	-	1127959.7740	1703755.5128	726.71
K	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1127961.0484	1703736.7147	726.83	1127967.5478	1703748.5472	726.63	1127968.7176	1703750.6768	726.90
L	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1127969.8132	1703731.9003	727.26	1127976.3126	1703743.7328	727.01	1127977.5162	1703745.9240	727.32
M	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1127978.5786	1703727.0870	727.75	1127985.0254	1703738.9482	727.49	1127986.2281	1703741.1611	727.80
N	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1127987.3647	1703722.3116	728.25	1127993.8115	1703734.1728	727.97	1127995.0258	1703736.4071	728.28
O	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1127996.1508	1703717.5362	728.75	1128002.5976	1703729.3975	728.47	1128003.8460	1703731.6944	728.76
P	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1128004.9369	1703712.7608	729.25	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING
Q	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1128013.7839	1703708.0991	729.74	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING

STREET REHAB - 2019
EL CHAPARRAL SUBDIVISION
EL CHAPARRAL LOW SPOT PLAN

Boone County Resource Management Department
Engineering Division
 801 E. Walnut, Room 315
 Columbia, Missouri 65201
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 Fax: 572-886-4540



REVISIONS
 DATE
 DATE
 JOB NUMBER
 SCALE
 1" = 10'
SHEET
 8 OF 24