

April 16, 2019

Ms. Nina Ruiz
El Paso County Community Services Department
Planning Division
2880 International Circle, Suite 110
Colorado Springs, CO 80910

Subject: Widefield Construction Drawings – Response to EPC Comments

Dear Ms. Ruiz,

With regards to the comments provided on the construction drawings, AECOM will make the following revisions / additions to the project:

- AECOM will implement relevant EPC standards for areas impacted within EPC ROW. Attached are the highlighted standards from Appendix F that are applicable to the construction of the Widefield Drinking Water Mitigation System. The drawing standards will be provided to the contractor prior to the start of construction.

Sincerely,



Bill Wemmert, PE

Attachment

Attachment A – Annotated Appendix F

APPENDIX F STANDARD DRAWINGS

Note: Drawings are listed by chapter and then sequential (intentional gaps in the numbering have been placed to allow for future additions). These Standard Drawings remain products in progress and will continue to be updated as necessary through an administrative process. Only those with listed Approval Dates shall be considered a standard and all others are presented for "reference" purposes only until such date that they are fully accepted by the ECM Administrator.

File Name	Detail/Description	Approval Date
SD_2-1	Urban Local Roadway (low volume)	12/31/2005
SD_2-2	Urban Local Roadway	12/31/2005
SD_2-3	Urban NonResidential Collector Roadway	12/31/2005
SD_2-4	Urban Residential Collector Roadway	12/31/2005
SD_2-5	Urban Minor Arterial Roadway	12/31/2005
SD_2-6	Urban Principal 4-Lane Arterial Roadway	12/31/2005
SD_2-7	Urban Principal 6-Lane Arterial Roadway	12/31/2005
SD_2-8	Urban Expressway 4-Lane Roadway	08/11/2011
SD_2-9	Urban Expressway 6-Lane Roadway	08/11/2011
SD-2-10	Rural Gravel Local Roadway	12/31/2005
SD_2-11	Rural Local Roadway	12/31/2005
SD-2-12	Rural Minor Collector Roadway	12/31/2005
SD_2-13	Rural Major Collector Roadway	12/31/2005
SD_2-14	Rural Minor Arterial Roadway	12/31/2005
SD_2-15	Rural Principal 4-Lane Arterial Roadway	12/31/2005
SD_2-16	Rural Principal 6-Lane Arterial Roadway	12/31/2005
SD_2-17	Rural Expressway 4-Lane Roadway	12/31/2005
SD_2-18	Rural Expressway 6-Lane Roadway	12/31/2005
SD_2-20	Typical Curb and Gutter Details	08/11/2011
SD_2-21	Patterned Concrete Median Paving	01/18/2011
SD_2-22	Plowable Median Nose Detail	1/12/2016
SD-2-23	Driveway Cut Detail	08/11/2011
SD-2-24	Driveway Detail w/ Attached Sidewalk	08/11/2011
SD_2-25	Driveway Detail w/ Detached Sidewalk	08/11/2011
SD_2-26	Typical Cross Pan Layout Detail	08/11/2011
SD_2-40	Pedestrian Intersection Ramp Detail	09/16/2010
SD_2-41	Pedestrian Intersection Ramp Detail	01/18/2011
SD_2-42	Truncated Dome Detail	01/01/2008
SD_2-50	Parallel Pedestrian Ramp Detail	08/11/2011
SD_2-70	Type C Aluminum Bridge Railing	08/11/2011
SD_2-71	Oklahoma TR-1 Bridge Railing	08/11/2011
SD_2-72	Nevada Concrete Safety Bridge Railing	08/11/2011
SD_2-73	Safety Shaped Concrete Bridge Railing	08/11/2011
SD_2-74	Texas Type TT Bridge Railing	08/11/2011
SD_2-75	Urban Cul-de-Sac Details	01/01/2008
SD_2-76	Rural Cul-de-Sac Details	01/01/2008
SD_2-77	Urban Knuckle	07/09/2009
SD_2-78	Urban Local Low-Volume Knuckle	07/09/2009
SD_3-1	Storm Sewer Manhole Detail Type I	07/09/2009
SD-3-2	Storm Sewer Manhole Detail Type II	11/10/2004
SD_3-3	Storm Sewer Manhole Detail Type III	08/11/2011

File Name	Detail/Description	Approval Date
SD_3-5	Storm Sewer Manhole Lid Detail	09/16/2010
SD_3-7	Storm Sewer Manhole Riser and Cover Detail	08/11/2011
SD-3-8	Grate Inlet for Common Areas (guidance)	08/11/2011
SD_3-14	Driveway Access on Rural Local Roadway	08/11/2011
SD_3-24	Sidewalk Underdrain w/ Curb Outlet Detail	08/11/2011
SD_3-25	Curb Opening w/ Drainage Chase Detail 1 of 2	08/11/2011
SD_3-25A	Curb Opening w/ Drainage Chase Detail 2 of 2	08/11/2011
SD_3-30	Desilting Basin Outlet	08/11/2011
SD_3-31	Temporary Desilting Basin at Inlet	08/11/2011
SD_3-32	Temporary Desilting Basin at Sump	08/11/2011
SD_3-33	On Street Temporary Desilting Basin Detail	
SD_3-34	Temporary Desilting Basin Detail (guidance)	08/11/2011
SD_3-35	Debris Cage for Desilting Basin Riser	08/11/2011
SD_3-36	Desilting Basin Riser Detail	08/11/2011
SD_3-41	Lined Ditch Splashwall Detail (plan and section)	08/11/2011
SD_3-44	Lined Ditch Behind Retaining Wall Detail	08/11/2011
SD_3-48	Beehive Grate Detail (guidance)	08/11/2011
SD_3-60	Temporary Street Sandbag Detail and Section	08/11/2011
SD_3-62	Typical Check Dam Detail	08/11/2011
SD_3-71	Canyon Subdrain Detail	08/11/2011
SD_3-81	Lug Connection Detail (cast in place concrete pipe)	08/11/2011
SD_3-82	Plan and Section of an Extended Detention Basin Sedimentation Facility	01/01/08
SD_3-83	Typical WQCV Outlet Structure Profiles Including 100-Year Detention	01/01/08
SD_3-84	Concrete Washout Structure	01/01/08
SD_3-85	Erosion Log Check Dams	01/01/08
SD_3-86	Culvert Inlet and Outlet Protection Erosion Logs Above Inlets and Outlets for Slope 3:1 or Steeper	01/01/08
SD_3-87	Erosion Log Barrier	01/01/08
SD_3-88	Cut Back Swale	12/13/2016
SD_4-1	Urban Local Roadway - Utility Placement	08/11/2011
SD_4-2	Urban Residential Minor Collector Roadway - Utility Placement	08/11/2011
SD_4-3	Urban NonResidential Collector Roadway - Utility Placement	08/11/2011
SD_4-4	Urban Residential Major Collector Roadway - Utility Placement	08/11/2011
SD_4-5 & 4-5A	Urban Minor Arterial Roadway - Utility Placement	08/11/2011
SD_4-6 & 4-6A	Urban Principal 4-Lane Arterial Roadway - Utility Placement	08/11/2011
SD_4-7 & 4-7A	Urban Principal 6-Lane Arterial Roadway - Utility Placement	08/11/2011
SD_4-8 & 4-8A	Urban Expressway 4-Lane Roadway - Utility Placement	08/11/2011
SD_4-9 & 4-9A	Urban Expressway 6-Lane Roadway - Utility Placement	08/11/2011
SD-4-10	Rural Gravel Local Roadway- Utility Placement	08/11/2011
SD_4-11	Rural Local Roadway - Utility Placement	08/11/2011

Appendix F Standard Drawings

Adopted: 12/23/2004

Revised: 12/13/2016

REVISION 6

File Name	Detail/Description	Approval Date
SD-4-12	Rural Minor Collector Roadway - Utility Placement	08/11/2011
SD_4-13	Rural Major Collector Roadway - Utility Placement	08/11/2011
SD_4-14 & 4-14A	Rural Minor Arterial Roadway - Utility Placement	08/11/2011
SD_4-15 & 4-15A	Rural Principal 4-Lane Arterial Roadway - Utility Placement	08/11/2011
SD_4-16 & 4-16A	Rural Principal 6-Lane Arterial Roadway - Utility Placement	08/11/2011
SD_4-17 & 4-17A	Rural Expressway 4-Lane Roadway - Utility Placement	08/11/2011
SD_4-18 & 4-18A	Rural Expressway 6-Lane Roadway - Utility Placement	08/11/2011
SD_4-20	Utility Trench Repair Detail (asphalt pavement)	08/11/2011
SD_4-21	Utility Trench Repair Detail (newly overlayed pavement)	08/11/2011
SD_4-22	Utility Trench Repair Detail (concrete pavement)	08/11/2011
SD_4-23	Utility Trench Repair Detail (flowable fill)	08/11/2011