

# EL PASO COUNTY COLORADO

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**COLORADO**

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 STAN VANDERWERF  
 CAMI BREMER

PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT  
 CRAIG DOSSEY, EXECUTIVE DIRECTOR

**PRE-CONSTRUCTION MEETING**

FILE: PPR1827

DATE: 12/2/2019  
 SUBDIVISION: MVEA Yoder Substation  
 DEVELOPER(S): Mountain View Electric Association  
 ENGINEER(S): Terra Nova Engineering, INC.  
 CONTRACTOR(S):  
 GEOTECHNICAL:

DEVELOPER CONTACT: David Waldner, [Waldnerd@mvea.org](mailto:Waldnerd@mvea.org), (719) 494-2675  
 EPC PCD CONTACT: Rick Spears, (719) 238-8637 Cell

- OTHER PUBLIC ENTITIES (i.e. utilities):
- 1) Mountain View Electric
  - 2) Choose a utility.
  - 3)
  - 4)

**APPROVAL CHECKLIST:**

REQUIREMENT	APPROVED	FORTHCOMING / NOTE	N/A
<input checked="" type="checkbox"/> Early Grading <input type="checkbox"/> Construction Plans	11/28/2018	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> Final Drainage Report	11/28/2018	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Financial Assurance Estimate	11/28/2018	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Surety Posted	12/2/2019	<input checked="" type="checkbox"/> Pending	<input type="checkbox"/>
<input type="checkbox"/> Grading Permit Acknowledgement	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Grading Permit Right-of-Access	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Grading Permit	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> EPC Construction Permit	12/2/2019	<input checked="" type="checkbox"/> Pending	<input type="checkbox"/>
<input type="checkbox"/> CDPHE Construction Permit (APEN)		<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> EPC Health Dept. Air Quality Permit	12/2/2019	<input checked="" type="checkbox"/> Pending	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> SWMP	11/28/2018	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Colorado Discharge Permit	12/2/2019	<input checked="" type="checkbox"/> Pending	<input type="checkbox"/>
<input checked="" type="checkbox"/> Initial BMP Installation / Inspection	date.	<input checked="" type="checkbox"/> Pending	<input type="checkbox"/>
<input type="checkbox"/> EPC DPW Right-of-Way Permit	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> ESQCP	11/28/2018	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Construction Schedule	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Correct number of <b>APPROVED</b> plan sets	12/2/2019	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Construction Permit Fee	\$1,037	<input checked="" type="checkbox"/> Site Development Minor	<input type="checkbox"/>

ALL APPLICABLE FEDERAL, STATE AND LOCAL PERMITS, INSURANCE AND BONDING ARE TO BE OBTAINED PRIOR TO START OF CONSTRUCTION.

2880 INTERNATIONAL CIRCLE, SUITE 110  
 PHONE: (719) 520-6300



COLORADO SPRINGS, CO 80910-3127  
 FAX: (719) 520-6695

SUBDIVISION: PPR1827

TESTING CONTRACTOR:

Requirements:

- 1) **Add EPC PCD to the distribution list for all testing reports, in a timely fashion, necessary to comply with the ECM Standards.** A summary sheet of typical requirements is included with this document.
- 2) Minimum testing intervals of 250 LF applicable to trenches, 250 Lane ft. subgrade.
- 3) Testing of trenches / embankments not to exceed 2 foot depth intervals.
- 4) Provide pavement design along with HBP mix design to EPC PCD for review / approval at least 10 working days prior to anticipated date of placement.
- 5) Contact EPC PCD for subgrade inspection / proof roll prior to placement of gravel or pavement.

APPROVED PLAN SPECIFIC DESIGN REVIEW:

ITEM	COMMENTS
Excavation and Embankment	Per plan.
Utilities	Per plan.
Hydrants / Cisterns	N/A
Drainage Facilities	Per plan.
Off-site Drainage	Per plan.
Slope / Off-site Easements	Per plan.
Mail Box / Cluster	Per plan.
Sub Base / Base	Per plan.
ABC Surfacing	Per plan.
HBP Surfacing	Per plan.
Curb / Gutter / Cross Pans	N/A
Sidewalks	N/A
ADA Ramps	N/A
Signage	Per plan.
Striping	N/A
Fugitive Dust Control	Per plan
Concrete	N/A
Reinforcing Steel	N/A AASHTO M284 epoxy coated reinforcing bars

WHEN ALL ITEMS (Subdivision Improvements) HAVE BEEN COMPLETED:

- 1) Submit written request for inspection punch list from EPC PCD.
- 2) Provide letters of acceptance for perpetual maintenance from all utilities providers.
- 3) Provide design engineer's signed and stamped certification letter of substantial compliance.
- 4) Upon satisfactory completion of punch list items and posting of applicable Defect Warranty surety a request for EPC DPW maintenance acceptance may be submitted to EPC.
- 5) Warranty period commences on date of preliminary acceptance by EPC BoCC.

**Notice-to-Proceed will be issued once initial stormwater inspection has been completed.**

SIGNED BY (EPC Representative): \_\_\_\_\_

SUBDIVISION: PPR1827

PRE-CONSTRUCTION MEETING ATTENDANCE LIST

Name: Brad Walters	Name: Matt Arcidiacono
Company: El Paso County PCD	Company: El Paso County PCD
Address: 2880 Intl. Cir #110	Address: 2880 Intl. Cir #110
City/St/Z: Colo. Spgs., CO 80910	City/St/Z: Colo. Spgs., CO 80910
Office: 520-6819	Office: 719-520-6314
Mobile: 332-3599	Mobile: 719-425-7088
Email: bradwalters@elpasoco.com	Email: mattarcidiacono@elpasoco.com

Name: Elizabeth Nijkamp	Name: Jeff Rice
Company: El Paso County PCD	Company: El Paso County PCD
Address: 2880 Intl. Cir #110	Address: 2880 Intl. Cir #110
City/St/Z: Colo. Spgs., CO 80910	City/St/Z: Colo. Spgs., CO 80910
Office: 520-7852	Office:
Mobile:	Mobile:
Email: ElizabethNijkamp@elpasoco.com	Email: Jeffrice@elpasoco.com

Name: Gabe Sevigny	Name: Gabe Valdez
Company: El Paso County PCD	Company: DPW
Address: 2880 Intl. Cir #110	Address:
City/St/Z: Colo. Spgs., CO 80910	City/St/Z:
Office 520-7943	Office:
Mobile:	Mobile: 719-238-7114
Email Gabesevigny@elpasoco.com	Email:

Name: Michael Garland	Name: RIDGE ARAUJE <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">PM</span>
Company: Mountain View Electric Assn.	Company: ALTITUDE ENERGY
Address: 11140 E. Woodman Road	Address: 26400 176 FRUITAGE RD
City/St/Z: Peyton, CO 80831	City/St/Z: KENNEDY CO 80643
Office: 719-494-2638	Office:
Mobile: 719-649-2897	Mobile: 801 831 5864
Email: m.k.g@mvca.coop	Email:

Signing and Striping Notes:

1. All signs and pavement markings shall be in compliance with the current Manual on Uniform Traffic Control Devices (MUTCD).
2. Removal of existing pavement markings shall be accomplished by a method that does not materially damage the pavement. The pavement markings shall be removed to the extent that they will not be visible under day or night conditions. At no time will it be acceptable to paint over existing pavement markings.
3. Any deviation from the striping and signing plan shall be approved by El Paso County Planning and Community Development.
4. All signs shown on the signing and striping plan shall be new signs. Existing signs may remain or be reused if they meet current El Paso County and MUTCD standards.
5. Street name and regulatory stop signs shall be on the same post at intersections.
6. All removed signs shall be disposed of in a proper manner by the contractor.
7. All street name signs shall have "D" series letters, with local roadway signs being 4" upper-lower case lettering on 8" blank and non-local roadway signs being 6" lettering, upper-lower case on 12" blank, with a white border that is not recessed. Multi-lane roadways with speed limit of 40 mph or higher shall have 8" upper-lower case lettering on 18" blank with a white border that is not recessed. The width of the non-recessed white borders shall match page 255 of the 2012 MUTCD "Standard Highway Signs"
8. All traffic signs shall have a minimum High Intensity Prismatic grade sheeting.
9. All local residential street signs shall be mounted on a 1.75" x 1.75" square tube sign post and stub post base. For other applications, refer to the CDOT Standard S-614-8 regarding use of the P2 tubular steel post slipbase design.
10. All signs shall be single sheet aluminum with 0.100" minimum thickness.
11. All limit lines/stop lines, crosswalk lines, pavement legends, and arrows shall be a minimum 125 mil thickness preformed thermoplastic pavement markings with tapered leading edges per CDOT Standard S-627-1. Word and symbol markings shall be the narrow type. Stop bars shall be 24" in width. Crosswalks lines shall be 12" wide and 8' long per CDOT S-627-1.
12. All longitudinal lines shall be a minimum 15 mil thickness epoxy paint. All non-local residential roadways shall include both right and left edge line striping and any additional striping as required by CDOT S-627-1.
13. The contractor shall notify El Paso County PCD (719) 520-6819 prior to and upon completion of signing and striping.
14. The contractor shall obtain a work in the right of way permit from the El Paso County Department of Works (DPW) prior to any signage or striping work within an existing El Paso County roadway.

**J.5 TESTING SUMMARY**

Table J-3 and Table J-4 summarize the testing requirements outlined in Appendix J.

**Table J-3. Summary Minimum Testing Requirements**

No.	Item	Type Of Test	Minimum Frequency	Min. #	Act. #
1	Utilities: Water, Sewer, Gas, Electric, Phone and Cable Trenches	Moisture/Density	1 per every 250 L.F. or fraction thereof, every 2' elevation. Each structure (manhole, valve, etc.) every 2' elevations. This requirement also applies to every service.		
2	Storm Sewer Trench	Moisture/Density	Same as above. Each structure (manhole, inlet, etc.) every 2' elevations.		
3	Inlets Concrete Testing	Air Slump	First load or until compliance. Minimum 1 per day.		
		Cylinders	1 set (4) per project for every 100 C.Y. or fraction thereof.		
		Steel	Visual and Documentation		
4	Curb and Gutter	Moisture/Density	1 per every 250 L.F. or fraction thereof.		
		Proof-Roll	All final subgrade.		
		Air/Slump	First load or until compliance. Minimum 1 per every 2,000 L.F. or fraction thereof.		
		Cylinders	1 set (4) per day every 2,000 L.F. or fraction thereof.		

**Table J-4. Summary of Minimum Testing Requirements**

No.	Item	Type of Test	Minimum Frequency	Min. #	Act. #
5	Sidewalk	Moisture/Density	1 per every 250 L.F. or fraction thereof.		
		Air/Slump	First load or until compliance. Minimum 1 per every 1,000 S.Y. or fraction thereof.		
		Cylinders	1 set (4) per day 1,000 S.Y. or fraction thereof.		
6	Roadway Subgrade: Fills and Cuts	Moisture/Density	1 per every 500 Lane Ft. or fraction thereof, every 2' elevation. Cuts to be scarified to a depth of 1', recondition as needed and recompact.		
			All final subgrade.		
7	Roadway (Concrete)	Air/Slump	First 3 loads or until compliance, then every 1,250 C.Y. or fraction thereof.		
		Cylinders	1 set (4) per project for every 1,250 C.Y. or fraction thereof.		