

Department of Public Works

Kevin Mastin, Executive Director

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 Public Works
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Board of County Commissioners

Holly Williams, District 1
 Carrie Geitner, District 2
 Stan VanderWerf, District 3
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 Cami Bremer, District 5

PRE-CONSTRUCTION MEETING FILE# SF2211 DATE: 4/20/2023

Development: Walden Preserve Filing 5

Developer: Matt Dunston

Engineer/Firm: JPS Engineering

Developer Contact: 719-339-2410

Inspector Contact: Spencer Pirzadeh 719-425-7088 spencerpirzadeh2@elpasoco.com

Stormwater Contact: Ben Jones

APPROVAL CHECKLIST:

REQUIREMENT	APPROVED	FORTHCOMING / NOTE	N/A
<input type="checkbox"/> Early Grading <input type="checkbox"/> Construction Plans	9/15/2022	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> Final Drainage Report	9/15/2022	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Financial Assurance Estimate	9/15/2022	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Surety Posted	date.	<input checked="" type="checkbox"/> Collect At Pre-Con	<input type="checkbox"/>
<input type="checkbox"/> CDPHE Construction Permit (APEN)	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> EPC Health Dept. Air Quality Permit	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> SWMP	9/15/2022	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Colorado Discharge Permit	date.	<input checked="" type="checkbox"/> Collect Before NTP	<input type="checkbox"/>
<input type="checkbox"/> Initial BMP Installation / Inspection SW	date.	<input checked="" type="checkbox"/> Must be completed first.	<input type="checkbox"/>
<input type="checkbox"/> EPC DPW Right-of-Way Permit	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> ESQCP	9/15/2022	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Construction Schedule	date.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Construction Permit Fee*	\$5,011	<input type="checkbox"/>	<input type="checkbox"/>

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

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 utility's 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: Click a date.

SIGNED BY: _____

El Paso County PCD Representative

*Construction permit fees cover all inspections and fees through final acceptance.

Pre-construction Questionnaire:

1. Who will be your main GC and contact?

2. Estimated start time and completion time?

3. Have you submitted street lighting plans?

4. Testing company?

5. Are initial BMPs installed, when will they be installed?

6. Discuss conditions or approvals that didn't make it into the SIA?

7. Approved set of plans being used. Any changes require PCD approval prior to construction.

8. Fees are to be paid during the pre-con. Fees included are for the construction permit, preliminary, and final acceptance. Additional fees may be applied.

9. Concrete must be 4500 PSI.

Testing Requirements:

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.

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 limits 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 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 every 250 feet or a minimum of 3 tests, whichever is greater.		
		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 project every 2,000 L.F. or fraction thereof.		
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 project 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.		
8	Roadways (Base Coarse)	Moisture/Density	1 per 500 Lane Ft. or fraction thereof.		
		Gradation & Atterberg Limits	1 per 2,000 Tons or fraction thereof.		
		Proof-Roll	Subgrade prior to Base Course placement. Base Course prior to placement of asphalt.		
9	Roadways (Asphalt)	Density	1 per 500 Lane Ft. or fraction thereof, per lift.		
		Extraction/Gradation	1 per 1,000 Tons or fraction thereof.		
10	Roadways (Asphalt & Concrete)	Cores	1 per 1,000 Lane Ft. or fraction thereof.		

		Profil-O-Graph	Minor Arterial classification and above.		
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