



**Notes:**

- The existing water transmission main and all appurtenances shall be field verified prior to construction and any excavation activities with an opportunity for the DuPage Water Commission to witness the field verifications. Field locating shall consist of physically locating watermain at Sta. 22+50 and at the beginning at end of the sheet piling wall.
- See Special Provisions for Mechanically Stabilized Earth Retaining Wall & Aggregate Column Ground Improvement for design and construction requirements.
- See Special Provisions for Permanent MSE Wall Steel Sheet Piling material and construction requirements.
- Aggregate Column Ground Improvement shall be designed to avoid/minimize conflicts with tie rods and deadman elements.
- Permanent Steel Sheet Piling, walers, tie rods and deadman elements shall be installed prior to construction of Aggregate Column Ground Improvement.
- Cast-in-place concrete and reinforcing steel, epoxy coated, required for coping will be included in payment for Mechanically Stabilized Earth Retaining Wall, see Special Provisions.
- Mechanically Stabilized Earth retaining wall supplier to coordinate location and lengths of soil reinforcement with light pole, conduit, and unit duct locations shown on Lighting Plans to avoid conflicts. Any load transfer system required shall be detailed and shown on Mechanically Stabilized Earth retaining wall Shop Drawings.
- Sonotubes shall be installed by Contractor where light pole locations interfere with soil reinforcement.
- For Fence and Gutter limits and details, see Roadway Plans.
- Contractor shall coordinate MSE retaining wall construction with abutment construction.
- The Contractor shall be cognizant about the site constraints and the related challenges associated with this work. Installation procedures will be affected by existing conditions and may require modifications to the details and/or procedures shown on the plans. It is the Contractor's responsibility to determine the most cost-effective method of construction and include all items necessary for the proper and safe execution of the work.
- The 12" Blow off at Watermain Station 251+30 and the Corrosion Control Test Station at Watermain Station 251+45 are to be adjusted by the DuPage Water Commission.

**TIEBACK TABLE**

Tieback	Point 1 (Sheeting)		Point 2 (Deadman)	
	Sta.	O/S	Sta.	O/S
1	22+14.30	16.56' Rt.	22+03.81	8.31' Lt.
2	22+18.36	14.73' Rt.	22+07.67	11.96' Lt.
3	22+23.09	12.91' Rt.	22+12.38	15.99' Lt.
4	22+26.83	11.67' Rt.	22+16.59	18.98' Lt.
5	22+31.29	10.69' Rt.	22+21.82	22.22' Lt.
6	22+35.83	10.69' Rt.	22+27.19	25.09' Lt.
7	22+40.38	10.32' Rt.	22+31.27	26.40' Lt.
8	22+44.92	9.78' Rt.	22+36.11	27.54' Lt.
9	22+49.47	9.46' Rt.	22+41.10	28.51' Lt.
10	22+54.01	9.38' Rt.	22+46.21	29.29' Lt.
11	22+58.55	9.52' Rt.	22+51.42	29.89' Lt.
12	22+63.10	9.88' Rt.	22+56.71	30.29' Lt.
13	22+67.64	10.48' Rt.	22+62.04	30.50' Lt.
14	22+72.19	10.74' Rt.	22+67.39	30.51' Lt.
15	22+76.73	10.74' Rt.	22+72.22	30.34' Lt.
16	22+81.28	10.74' Rt.	22+78.01	29.93' Lt.
17	22+85.82	10.74' Rt.	22+83.23	29.35' Lt.
18	22+90.36	10.74' Rt.	22+88.35	28.58' Lt.
19	22+94.91	10.74' Rt.	22+93.35	27.63' Lt.
20	22+99.45	10.74' Rt.	22+98.21	26.50' Lt.
21	23+05.81	10.74' Rt.	23+04.18	21.02' Lt.
22	23+12.18	10.74' Rt.	23+10.82	21.02' Lt.

**PLAN**

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**Bollinger, Lach & Associates, Inc.**  
ITASCA, ILLINOIS

USER NAME = gonzo	DESIGNED SRT	CHECKED JJT	REVISOR -
PLOT SCALE =	CHECKED GM	DRAWN GM	REVISOR -
PLOT DATE = 7/26/2011	CHECKED JJT	REVISOR -	REVISOR -

**STATE OF ILLINOIS  
GREAT WESTERN TRAIL  
UNION PACIFIC RAILROAD**

**EAST ABUTMENT MSE WALL PLAN  
STRUCTURE NUMBER 022-3122**

SHEET NO. 28 OF 37 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00151-00-BR	DuPAGE	201	108
CONTRACT NO. 63568			ILLINOIS FED. AID PROJECT	