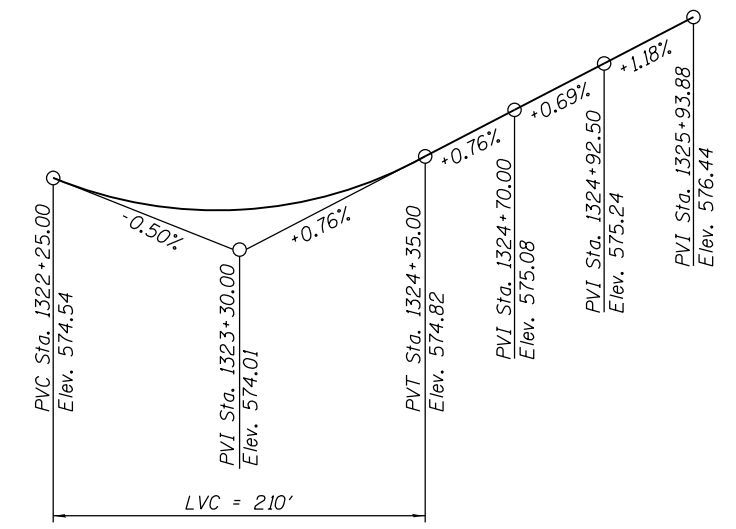


GENERAL NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Plan dimensions and details relative to Halsted Street Bridge Plans (Contract No. 60W26) are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
3. The Contractor shall exercise extreme caution during construction to make certain that construction activities, live load surcharge and other loads applied to the structures will not have detrimental effects on the adjacent building foundations. Driving piles and temporary sheet piling is not allowed. See Special Provision for Construction Vibration Monitoring.
4. Slipforming of parapets is not allowed.
5. A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.
6. Abandoned 5' diameter CTA Water Tunnel will be filled in a previous contract. The Contractor shall verify with the Engineer that the tunnel has been filled prior to the start of MSE construction.
7. The wall supplier shall provide additional details for the soil reinforcement to avoid conflict with the proposed noise abatement wall. See Noise Abatement Wall plans for locations.
8. Protective Coat shall be applied to the designated areas of the Anchor Slab and Parapet.
9. Wall offsets are measured from the \mathcal{C} of F.A.I. Rte. 90/94 (Ramp SW) to the front face of precast panels.
10. Quantity for Lightweight Cellular Concrete Fill includes reinforced soil mass and fill. Type is specified as Class II Lightweight Fill.

INDEX OF SHEETS

- RW40-01 General Plan and Elevation
- RW40-02 General Data
- RW40-03 Parapet and Anchorage Slab Plan and Elevation
- RW40-04 MSE Cross Section and Details
- RW40-05 Architectural Details
- RW40-06 Aggregate Column Ground Improvement Details
- RW40-07 Boring Logs 1
- RW40-08 Boring Logs 2
- RW40-09 Boring Logs 3
- RW40-10 Boring Logs 4
- RW40-11 Boring Logs 5
- RW40-12 Boring Logs 6



SUGGESTED SEQUENCE OF CONSTRUCTION

1. Locate existing utilities that are to remain. Contractor to coordinate any required improvements to or removals of existing utilities with utility owner(s). See Utility Location Plans and ITS Plans.
2. Locate and remove any abandoned CTA foundations that are in conflict with Retaining Walls 3, 4, 40, or Noise Abatement Wall.
3. Install drilled soldier piles for Retaining Wall 4 soldier pile wall.
4. Install drilled shafts for SN 016-1705 West Abutment.
5. Install foundations for Noise Abatement Wall.
6. Excavate for Retaining Walls 3, 4, and 40. Install temporary lagging between soldier piles of Retaining Wall 4 from top down as excavation proceeds if needed to retain existing soil.
7. Install Aggregate Column Ground Improvement for Retaining Walls 3, 4, and 40.
8. Construct RW 40, placing MSE straps to avoid Noise Abatement Wall foundations.
9. Begin placing lightweight fill and installing Retaining Wall 3 up to height of Retaining Wall 4 MSE leveling pad. Install Drainage System.
10. Install Concrete Facing on soldier piles of Retaining Wall 4. Backfill north side of wall.
11. Complete West Abutment of SN 016-1705. Install Retaining Wall 4 soldier pile cap and barrier on top of piles and concrete facing.
12. Complete remainder of Retaining Wall 3 while installing MSE portion of Retaining Wall 4.
13. Install Anchor Slabs and Barrier Rails for Retaining Walls 3 and 4.
14. Install Roadway pavement and Noise Abatement Wall.

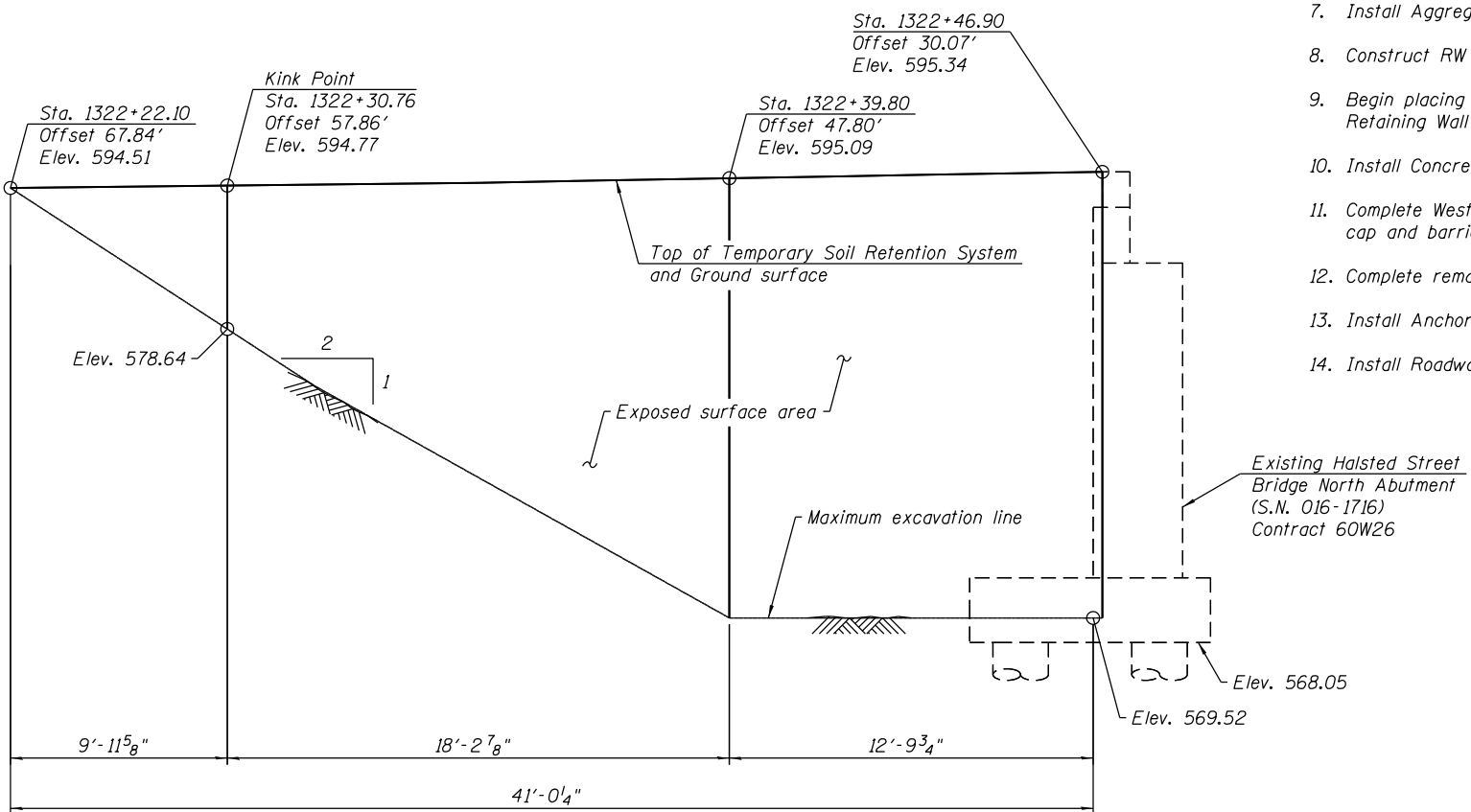
PROFILE GRADE
(Along B Ramp SW)

TABLE 1

Station	Offset	Elevation A	Elevation B	Elevation C
1322+49.13	30.07 Lt.	595.38	574.02	574.05
1322+75.00	30.07 Lt.	595.30	574.47	574.05
1323+00.00	30.07 Lt.	594.66	575.03	574.05
1323+25.00	30.07 Lt.	594.63	576.97	574.05
1323+50.00	30.07 Lt.	594.43	577.32	574.05
1323+75.00	33.5 Lt.	594.52	578.29	574.05
1324+00.00	38.29 Lt.	594.63	579.55	574.05
1324+25.00	41.99 Lt.	594.63	580.81	574.05
1324+50.00	44.63 Lt.	594.63	582.13	574.05
1324+75.00	46.24 Lt.	594.56	583.69	574.05
1325+00.00	45.77 Lt.	594.48	585.42	574.05
1325+11.44	45.11 Lt.	594.54	585.41	574.05

STATION 1322+49.13
BUILT 20-- BY
STATE OF ILLINOIS
F.A.I. RT. 90/94 SEC. 2013-010R
STR. NO. 016-1809

NAME PLATE
See Std. 515001



TEMPORARY SOIL RETENTION SYSTEM
(Along Halsted Street Bridge S.N. 016-1716 Approach Slab)

BILL OF MATERIAL

Item	Unit	Total
Temporary Soil Retention System	Sq. Ft.	790

TOTAL BILL OF MATERIAL

Item	Unit	Total
Structure Excavation	Cu. Yd.	1012
Concrete Superstructure	Cu. Yd.	151.1
Protective Coat	Sq. Yd.	152
Reinforcement Bars, Epoxy Coated	Pound	16,720
Name Plates	Each	1
Aggregate Column Ground Improvement	L. Sum	0.1
Lightweight Cellular Concrete Fill (Class II)	Cu. Yd.	1943
Mechanically Stabilized Earth Retaining Wall, Special	Sq. Ft.	3748
Temporary Soil Retention System	Sq. Ft.	790
Removal of Temporary Soil Retention System	Sq. Ft.	555
Foundation Removal	Cu. Yd.	45
Stainless Steel Cable Plant Support System	L. Sum	0.38

4/23/17 PM - c:\pwworking\king_oecom\00\khastings\0264557\0161809-60W28-502-GemNotes.dgn



USER NAME = khastings	DESIGNED - KAH	REVISED -
	CHECKED - DL/KAL	REVISED -
PLOT SCALE = 0:2.0000 '1' / in.	DRAWN - RLS	REVISED -
PLOT DATE = 4/28/2014	CHECKED - DL/KAL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 016-1809

SHEET NO. RW40-02 OF RW40-12 SHEETS

F.A.I. RTE. 90/94	SECTION 2013-010R	COUNTY COOK	TOTAL SHEETS 747	SHEET NO. 569
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT	