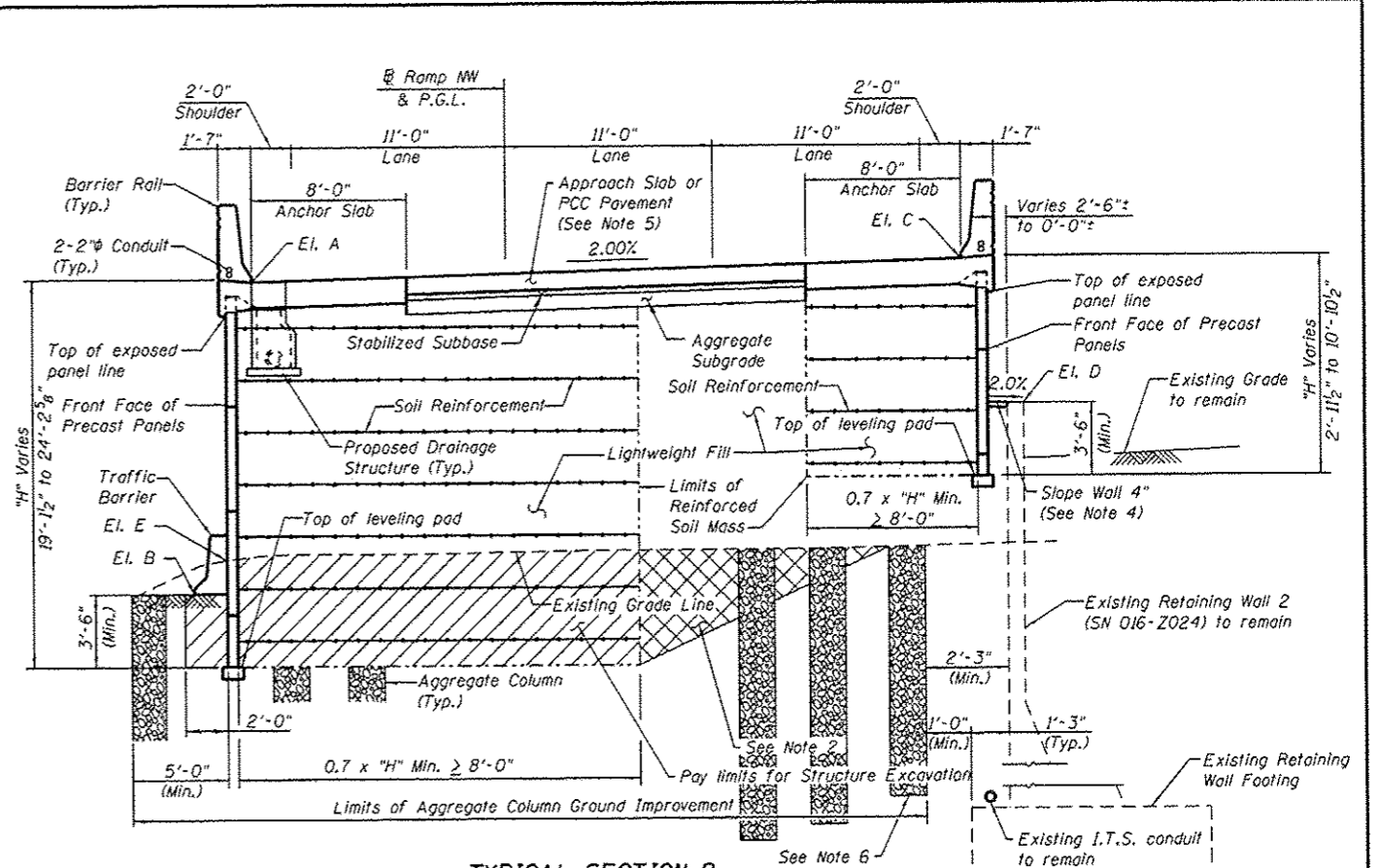


TYPICAL SECTION 1
Sta. 1813+60.00 to Sta. 1816+56.17
(Facing North)



TYPICAL SECTION 2
Sta. 1816+56.17 to Sta. 1818+46.17
(Facing North)

TABLE 1

Station	Elevation A	Elevation B	Elevation C	Elevation D	Elevation E
1813+60.00	581.66	579.15	582.40	594.77	580.00
1813+75.00	582.26	578.40	583.00	594.77	579.49
1814+00.00	583.26	577.42	584.00	594.78	578.78
1814+25.00	584.26	576.78	585.00	594.78	578.19
1814+50.00	585.26	576.47	586.00	594.76	577.66
1814+75.00	586.26	576.49	587.00	594.72	577.36
1815+00.00	587.26	576.67	588.00	594.72	577.25
1815+25.00	588.26	576.80	589.00	594.75	577.18
1815+50.00	589.26	576.94	590.00	594.74	577.37
1815+75.00	590.26	577.09	591.00	594.72	577.59
1816+00.00	591.26	577.28	592.00	594.70	577.83
1816+25.00	592.26	577.49	593.00	594.68	578.10
1816+50.00	593.26	577.76	594.00	594.67	578.37
1816+56.17	593.51	577.82	594.25	594.66	578.44
1816+75.00	594.26	578.02	595.00	594.63	578.64
1817+00.00	595.26	578.42	596.00	594.64	578.90
1817+25.00	596.26	578.82	597.00	594.68	579.15
1817+50.00	597.26	579.33	598.00	594.69	579.45
1817+75.00	598.26	579.75	599.00	594.68	579.75
1818+00.00	599.26	580.03	600.00	594.63	580.03
1818+25.00	600.26	580.29	601.00	594.58	580.29
1818+46.17	601.11	580.52	601.85	594.60	580.52
1818+53.67	601.41	580.62	602.15	594.61	580.62

NOTES:

- Front of West Face of Wall is offset 14'-3" left (West) of baseline. Front of East Face of Wall is offset 25'-3" right (East) of baseline.
- If contractor elects to overexcavate beyond limits of Structure Excavation, this area shall be backfilled with Lightweight Fill. Overexcavation, additional Lightweight Fill or Aggregate Column Ground Improvement placed in the overexcavation area will not be measured for payment.
- Contractor shall verify in field location of Existing Retaining Wall Footing and existing utilities prior to placement of Aggregate Column Ground Improvement.
- Fill void between proposed wall and existing wall with Lightweight Fill, Cap with Slope Wall and Seal with 1/2" Preformed Joint Filler per Section 1051.09, cost included in Slope Wall 4" pay item. This applies to Typical Section 2 only.
- Approach Slab for NW Flyover (SN 016-1705) is between Anchor Slabs from Sta. 1818+16.17 to Sta. 1818+46.17. See bridge plans.
- Contractor's design of aggregate columns shall shorten columns and vary spacing and/or diameter to avoid conflict with existing wall's battered pile foundation. Piles shall not be damaged.

Elevation A - Edge of Shoulder at Face of West Barrier Rail
 Elevation B - Proposed Grade Line at West Face of Proposed Retaining Wall
 Elevation C - Edge of Shoulder at Face of East Barrier Rail
 Elevation D - Top of Existing Retaining Wall
 Elevation E - Existing Grade Line at West Face of Proposed Retaining Wall

TABLE 2

Station	Offset	Downstream Elevation
1813+93.00	13'-0" Lt.	577.02
1813+93.00	21'-6" Rt.	576.38
1815+60.00	13'-0" Lt.	583.70
1815+60.00	21'-6" Rt.	583.06
1818+10.00	13'-0" Lt.	593.70

BILL OF MATERIAL

Item	Unit	Quantity
Structure Excavation	Cu. Yd.	1,042
Bridge Deck Grooving (Special)	Sq. Yd.	44
Slope Wall 4"	Sq. Yd.	30
Lightweight Cellular Concrete Fill	Cu. Yd.	9,460
Mechanically Stabilized Earth Retaining Wall, Special	Sq. Ft.	8,279

0161720-60W28-S05-CanNote



USER NAME = dabezicd	DESIGNED - DEV	REVISED - 6/24/2014 DD
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISED
PLOT DATE = 4/28/2014	DRAWN - BRD	REVISED
	CHECKED - EJO	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STRUCTURE NO. 016-1720
SHEET NO. RWI-05 OF RWI-17 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	523
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT NUMBER-				