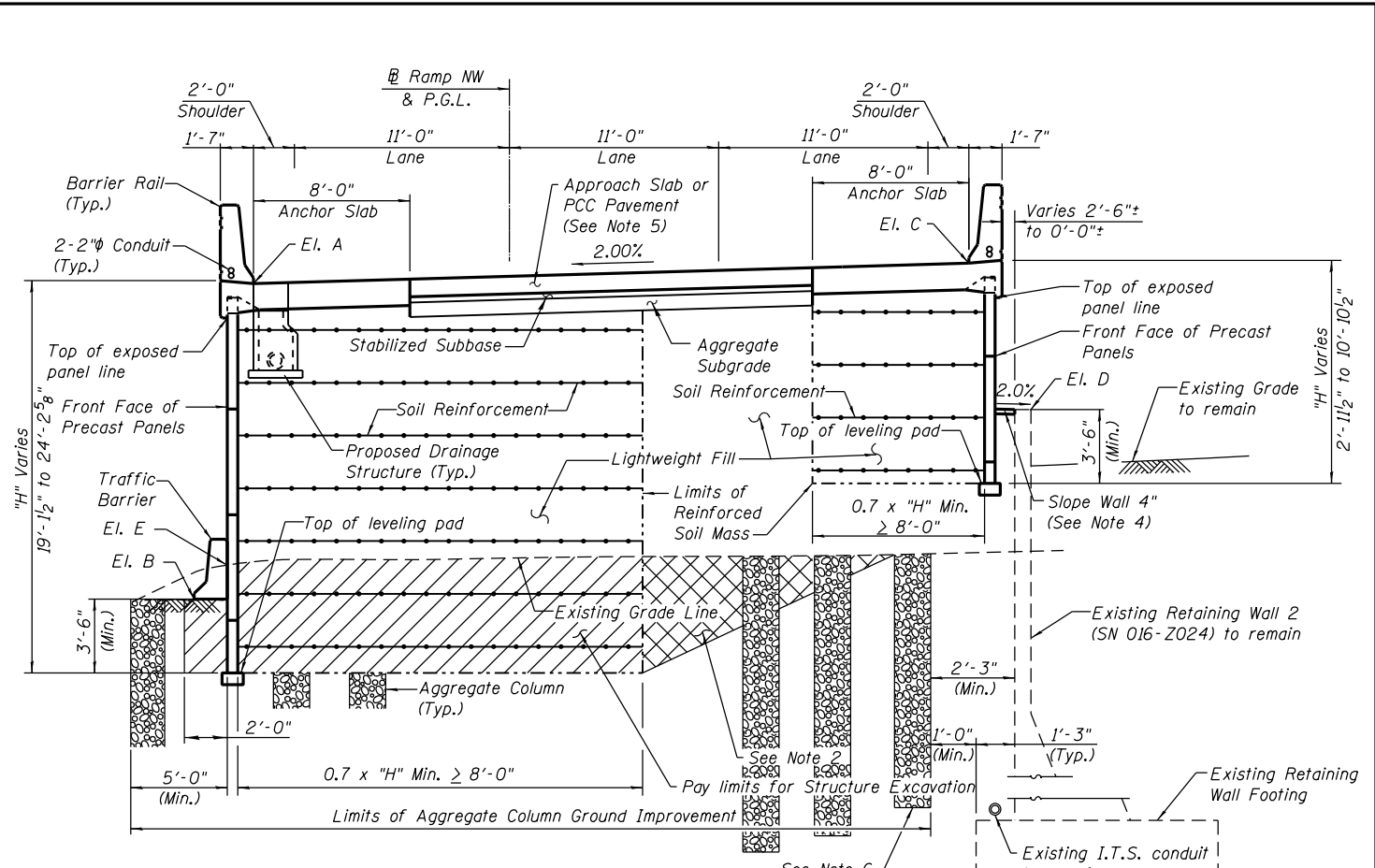


TYPICAL SECTION 1
Sta. 1813+60.00 to Sta. 1816+56.17
(Facing North)



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.
- Overexcavation beyond limits of Structure Excavation not measured for payment. Additional Lightweight Fill or Aggregate Column Ground Improvement in overexcavation area also not 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 (Class II)	Cu. Yd.	9,460
Mechanically Stabilized Earth Retaining Wall, Special	Sq. Ft.	8,279

0161720-60W2B-505-CenNote



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STRUCTURE NO. 016-1720

SHEET NO. RW1-05 OF RW1-17 SHEETS

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