

GENERAL NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Ashlar stone form liner shall be used on MSE wall panels.
3. Stations and offsets are measured from centerline of 41st Drive Connector to the front face of the MSE wall panels.
4. Slipforming at the parapet is prohibited.
5. The select fill chosen for the MSE walls shall be a free draining material.

INDEX OF SHEETS

SB-1	General Plan & Elevation
SB-2	General Notes & Total Bill of Material
SB-3	Unfolded Elevation View
SB-4	Sections
SB-5	East Moment Slab Plan & Elevation (1 of 3)
SB-6	East Moment Slab Plan & Elevation (2 of 3)
SB-7	East Moment Slab Plan & Elevation (3 of 3)
SB-8	West Moment Slab Plan & Elevation (1 of 3)
SB-9	West Moment Slab Plan & Elevation (2 of 3)
SB-10	West Moment Slab Plan & Elevation (3 of 3)
SB-11	Multi-Use Path Moment Slab Plan
SB-12	Details-1
SB-13	Details-2
SB-14	Details-3
SB-15	CIP Retaining Wall Details 1
SB-16	CIP Retaining Wall Details 2
SB-17	Bicycle Railing
SB-18	Soil Boring Logs 1
SB-19	Soil Boring Logs 2
SB-20	Soil Boring Logs 3
SB-21	Soil Boring Logs 4

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Structures	Cu. Yd.	155.1
Concrete Superstructure	Cu. Yd.	542.5
Form Liner Textured Surface	Sq. Ft.	791
Protective Coat	Sq. Yd.	930
Reinforcement Bars, Epoxy Coated	Pound	81,220
Bicycle Railing	Foot	399
Parapet Railing	Foot	351
Name Plates	Each	1
Geocomposite Wall Drain	Sq. Yd.	66
Conduit Embedded in Structure, 2" Dia., PVC	Foot	820
Junction Box, Stainless Steel, Embedded In Structure, 12" X 10" X 6"	Each	1
Breakaway Device, Transformer Base, Special	Each	4
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	14,978
Temporary Soil Retention System	Sq. Ft.	12,719

STATION 526+20.73 TO 532+25.00
 BUILT 20__ BY
 STATE OF ILLINOIS
 F.A.P 595 SEC. (142-1)R-1 AND 142-1HB
 LOADING HL 93
 STRUCTURE NO. 081-7003

NAME PLATE

See Std. 515001

CURVE A DATA

$\Delta = 11^\circ 57' 34''$
 $R = 444.11'$
 $T = 46.52'$
 $L = 92.70'$
 $E = 2.43'$
 Begin Curve A Sta. 526+65.99 Offset: 17.25' Lt.
 End Curve A Sta. 527+62.29 Offset: 17.25' Lt.

CURVE B DATA

$\Delta = 29^\circ 51' 35''$
 $R = 440.57'$
 $T = 117.47'$
 $L = 229.60'$
 $E = 15.39'$
 Begin Curve B Sta. 527+62.29 Offset: 17.25' Lt.
 End Curve B Sta. 530+02.36 Offset: 23.25' Lt.

CURVE C DATA

$\Delta = 27^\circ 40' 14''$
 $R = 437.75'$
 $T = 107.81'$
 $L = 211.41'$
 $E = 13.08'$
 Begin Curve C Sta. 530+02.36 Offset: 23.25' Lt.
 End Curve C Sta. 532+25.00 Offset: 23.25' Lt.

41ST DRIVE CONNECTOR

CURVE DATA

$\Delta = 96^\circ 59' 51''$
 $D = 12^\circ 25' 43''$
 $T = 521.04'$
 $L = 780.44'$
 $E = 234.71'$
 $R = 461.00'$
 S.E. = N.C.
 P.C. = Sta. 526+16.56
 P.T. = Sta. 533+97.00
 P.I. = Sta. 531+37.60

CURVE D DATA

$\Delta = 18^\circ 50' 32''$
 $R = 169.83'$
 $T = 28.18'$
 $L = 55.85'$
 $E = 2.32'$
 Begin of Curve D Sta. 527+33.00 Offset: 37.60' Rt.
 End of Curve D Sta. 527+84.04 Offset: 42.05' Rt.

CURVE E DATA

$\Delta = 22^\circ 34' 41''$
 $R = 504.66'$
 $T = 100.74'$
 $L = 198.87'$
 $E = 9.96'$
 Begin of Curve E Sta. 528+08.00 Offset: 41.97' Rt.
 End of Curve E Sta. 529+89.40 Offset: 46.52' Rt.

CURVE F DATA

$\Delta = 46^\circ 00' 28''$
 $R = 54.17'$
 $T = 23.00'$
 $L = 43.50'$
 $E = 4.68'$
 Begin of Curve E Sta. 529+89.40 Offset: 46.52' Rt.
 End of Curve E Sta. 530+23.23 Offset: 65.35' Rt.

N:\PROJ\10003393\03\CONTRACT_1\Design\Structural\CAD\Retaining Wall 081-7003\081-7003_02_General_Notes_Revise.dgn



USER NAME = rdonley	DESIGNED - SMY	REVISED - Addendum 1 8/15/2013
	CHECKED - BWS	REVISED -
PLOT SCALE = 60.000000' / in.	DRAWN - RD	REVISED -
PLOT DATE = 8/15/2013	CHECKED - BWS	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES & TOTAL BILL OF MATERIAL
 STRUCTURE NO. 081-7003**

SHEET NO. SB-2 OF SB-21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(142-1)R-1 and 142-1HB	ROCK ISLAND	507	344
CONTRACT NO. 64B84				

ILLINOIS FED. AID PROJECT