

**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.

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**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	81,200
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.

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