

SEISMIC DATA*

Soil Site Class = D

Return Period, Tr [yrs]	1000
Design Spectral Accel. at 1.0 sec, SD1 [g]	0.20
Design Spectral Accel. at 0.2 sec, SDS [g]	0.39
Importance Category	Essential
Seismic Performance Zone	2

* Seismic Data based on site-specific analysis.

INDEX OF SHEETS

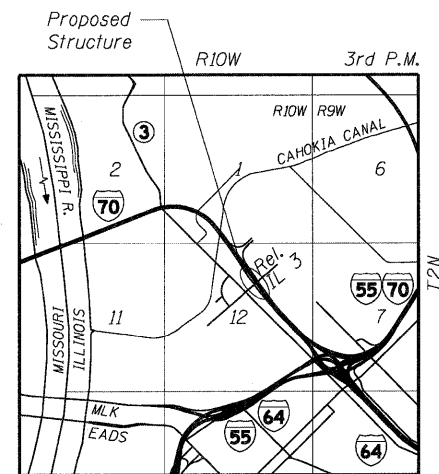
RA-1	General Plan & Elevation
RA-2	General Data
RA-3	Details
RA-4	Coping Details, 1 of 2
RA-5	Coping Details, 2 of 2
RA-6 to RA-25	Soil Boring Logs, 1 to 20

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Concrete Structures	Cu Yd	27.8
Form Liner Textured Surface	Sq Ft	8,561.0
Reinforcement Bars, Epoxy Coated	Pound	2,850
Chain Link Fence, 4' Attached to Structure	Foot	544
Mechanically Stabilized Earth Retaining Wall	Sq Ft	8,561

GENERAL NOTES

- Contractor Designed Ground Improvement (Performance Specification) - The Contractor will determine the appropriate ground improvement technology and required vertical and horizontal limits of improvement to meet the performance criteria. Ground Improvement will be completed prior to placing the embankment and constructing the leveling pad for the MSE wall.
- For Anchorage Slab details, see Sheets 122 thru 135.
- Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- Light pole foundations and buried conduit shown on Sht. RA-1 to be installed in this contract. Light poles to be installed by others. See electrical plans.



LOCATION SKETCH

N:\02\2010-CON-99-001-001-DEN NEWMANN0 \NFS-004\VA\VAULT\JOB-TRNS-07\2202\20668-001\STRUCT\CAD\BI DESIGN\0824\08\ SHEET\0824\08\ SHEET\0824\08\ CONN-10-001-SHT-SN.DGN
 5-11-2011 9:59:10

FILE NAME =	USER NAME = \$USER\$	DESIGNED - MDJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION RETAINING WALL	GENERAL DATA		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILEL\$		DRAWN - MDJ	REVISED -		SCALE:	SHEET NO. RA-2 OF RA-25	STA. 170+00.00 TO STA. 176+50.00	998	82-2-1HVB-1	ST. CLAIR	345	257
	PLOT SCALE = \$SCALE\$	CHECKED - JLR	REVISED -					SN 082-W308		CONTRACT NO. 76D05		
	PLOT DATE = \$DATE\$	DATE - 05/13/11	REVISED -					ILLINOIS FED. AID PROJECT				

