

GENERAL NOTES

Reinforcement Bars designated (E) shall be epoxy coated.
See Special Provisions for Mechanically Stabilized Earth Retaining

Wall design and construction requirements.
The gradations and capping of the Aggregate Subgrade Improvement used to replace the unsuitable material and Non-Special Waste shall be approved by the Engineer.

M.S.E. wall supplier to provide internal stability design for load transfer system to accommodate the posts for the traffic barrier terminals at the north end of the southeast wall. See Roadway Plans for exact location of traffic barrier terminals and IDOT Highway Standards 630301-06 and 631031-11 for details. Coordinate with Contractor installing the traffic barrier terminals. Cost included with Mechanically Stabilized Earth Retaining Wall.

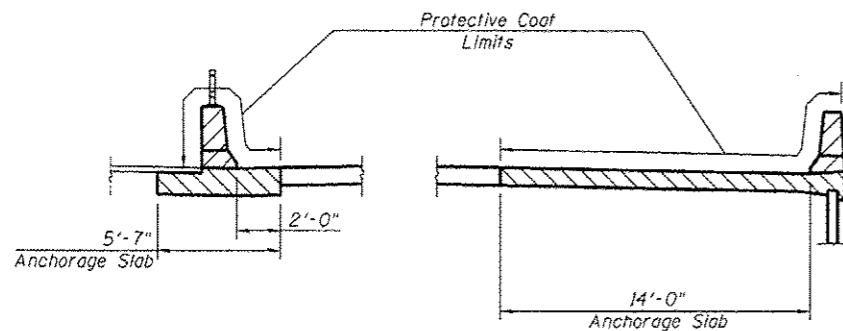
Slipforming of the parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	26,465
Structure Excavation	Cu. Yd.	9,801
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	1,882
Aggregate Subgrade Improvement	Cu. Yd.	3,675
Concrete Structures	Cu. Yd.	492.7
Concrete Superstructure	Cu. Yd.	134.1
Protective Coat	Sq. Yd.	1,758
Reinforcement Bars, Epoxy Coated	Pound	100,620
Bicycle Railing	Foot	466
Parapet Railing	Foot	462
Name Plates	Each	1
Geotechnical Fabric for Ground Stabilization	Sq. Yd.	3,553
Porous Granular Embankment	Cu. Yd.	20,926
Non-Special Waste Disposal	Cu. Yd.	1,763

INDEX OF SHEETS

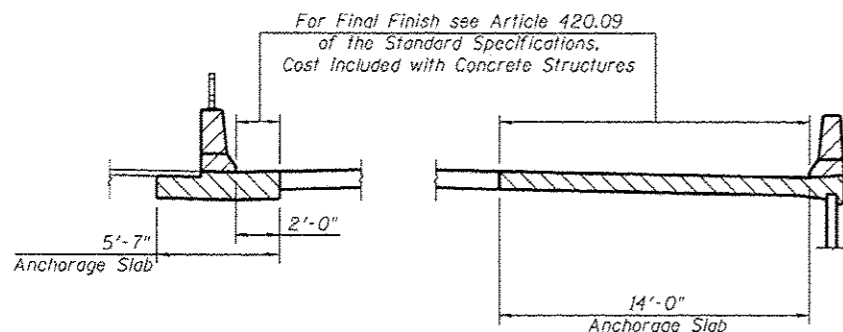
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- 2 General Notes, Index of Sheets and Total Bill of Material
- 3 MSE Retaining Walls General Layout
- 4 Unsuitable Material Removal and Backfill Layout
- 5 MSE Wall Plan & Elevation
- 6 MSE Wall Elevations
- 7 MSE Wall Details at Abutment
- 8 MSE Wall Cross Section
- 9 MSE Wall Cross Section Tables
- 10 Drainage Structure Details
- 11 Northeast MSE Wall Coping Elevation
- 12 Northeast Anchorage Slab
- 13 Northeast Parapet Elevation
- 14 Northwest MSE Wall Anchorage Slab
- 15 Northwest Parapet Elevation
- 16 Anchorage Slab and Parapet Details
- 17 Bicycle Railing
- 18-35 Soil Boring Logs



PROTECTIVE COAT LIMITS

ANCHORAGE SLAB PAY ITEM LEGEND

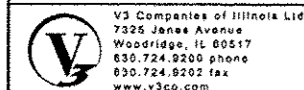
- Paid as Concrete Superstructure
- Paid as Concrete Structures



FINAL FINISH LIMITS

STATION 274+50.00
-281+52.27
BUILT BY
STATE OF ILLINOIS
F.A.P. RT. 353 SEC. 11-Y-A
LOADING HL-93
STRUCTURE NO. 016-1279

NAME PLATE
See Std. 515001



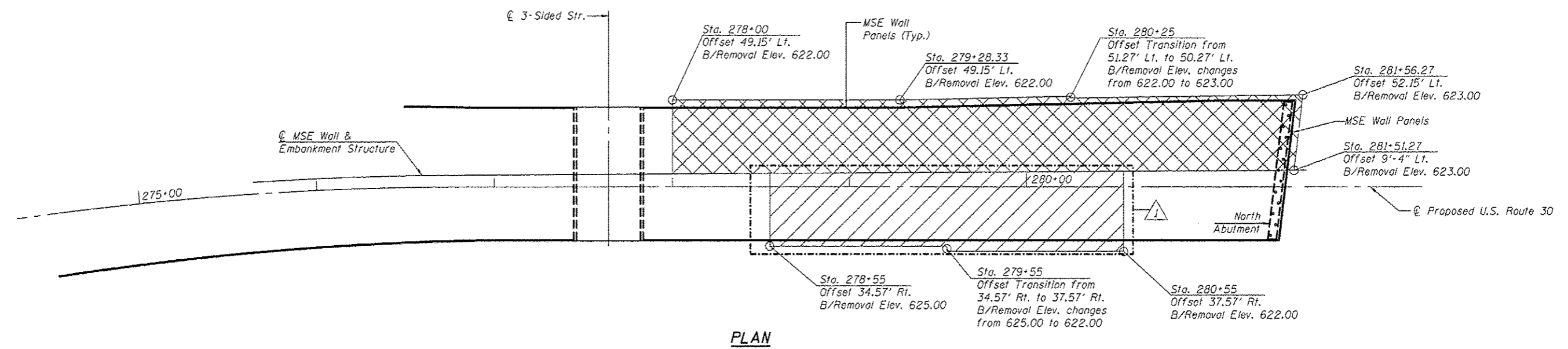
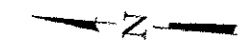
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PLT. SCALE *	CHECKED - WJV	REVISED
PLT. DATE *	DRAWN - EYS	REVISED
	CHECKED - WJV	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS AND TOTAL BILL OF MATERIAL
STRUCTURE NO. 016-1279


SHEET NO. 2 OF 35 SHEETS



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	11-Y-A	COOK	354	222
CONTRACT NO. 60R19			ILLINOIS FED. AID PROJECT	



PLAN

LEGEND


 Limits of Removal and Disposal of Unsuitable Material for Structures, Backfill with Aggregate Subgrade Improvement.



 Limits of Structure Excavation and Non-Special Waste Disposal, Backfill with Aggregate Subgrade Improvement. 

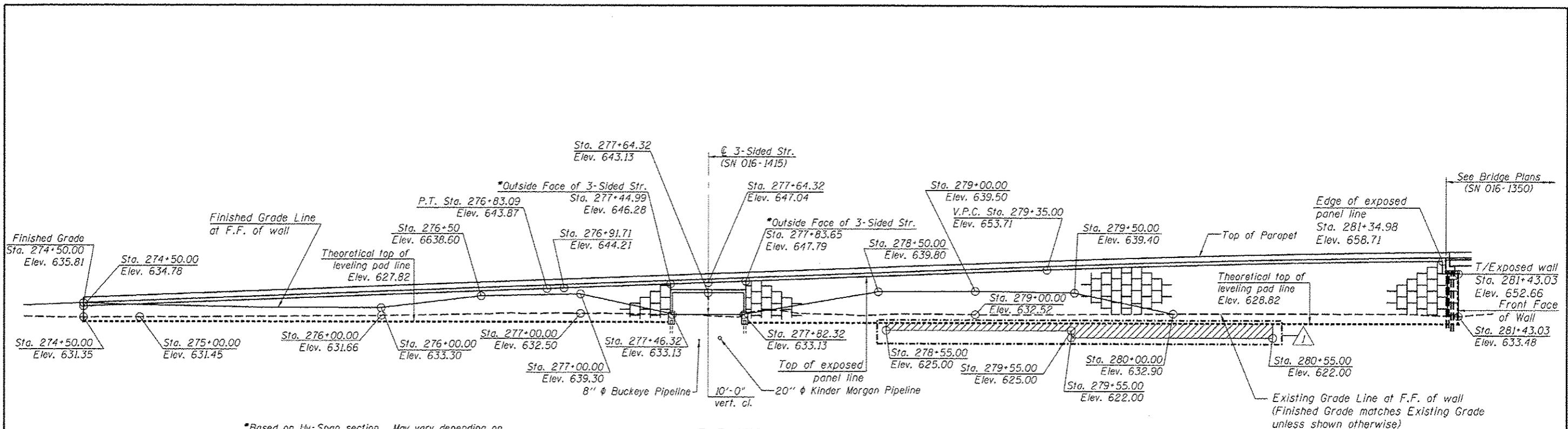
Notes:

The limits and quantities of Removal and Replacement of Unsuitable Material for Structures shown are based on the boring data and may be modified by the Engineer for variable subsurface conditions encountered in the field.

The limits and quantities of Structure Excavation and Non-Special Waste Disposal shown are based on the boring data and PSI and may be modified by the Engineer for variable subsurface conditions encountered in the field.

See Sheet 8 of 35 for cross section limits of Removal and Disposal of Unsuitable Material for Structures, Structure Excavation and Non-Special Waste Disposal and placement of Aggregate Subgrade Improvement. 

 V3 Companies of Illinois Ltd. 7326 Janes Avenue Woodridge, IL 60617 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME *	DESIGNED - EVS	REVISED  4/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNSUITABLE MATERIAL REMOVAL AND BACKFILL LAYOUT STRUCTURE NO. 016-1279	F.A.P. RTE. 353	SECTION 11-Y-A	COUNTY COOK	TOTAL SHEETS 354	SHEET NO. 224
	PLOT SCALE *	DRAWN - EVS	REVISED			SHEET NO. 4 OF 35 SHEETS				
	PLOT DATE *	CHECKED - WJV	REVISED			ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 60R19				

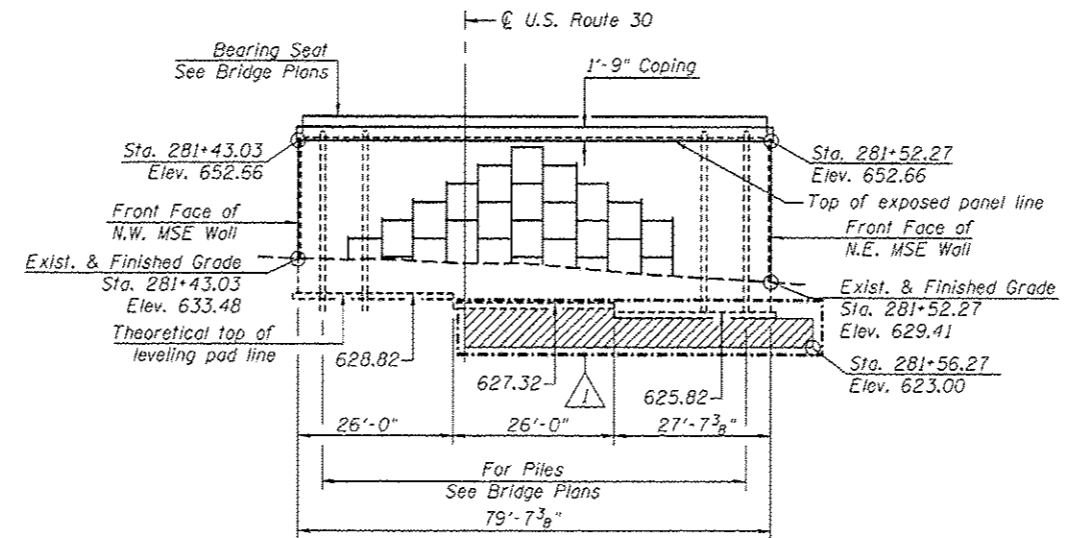


*Based on Hy-Span section. May vary depending on manufacturer's specifications.

ELEVATION OF NORTHWEST MSE WALL
(Looking East @ F.F. of Wall)

LEGEND

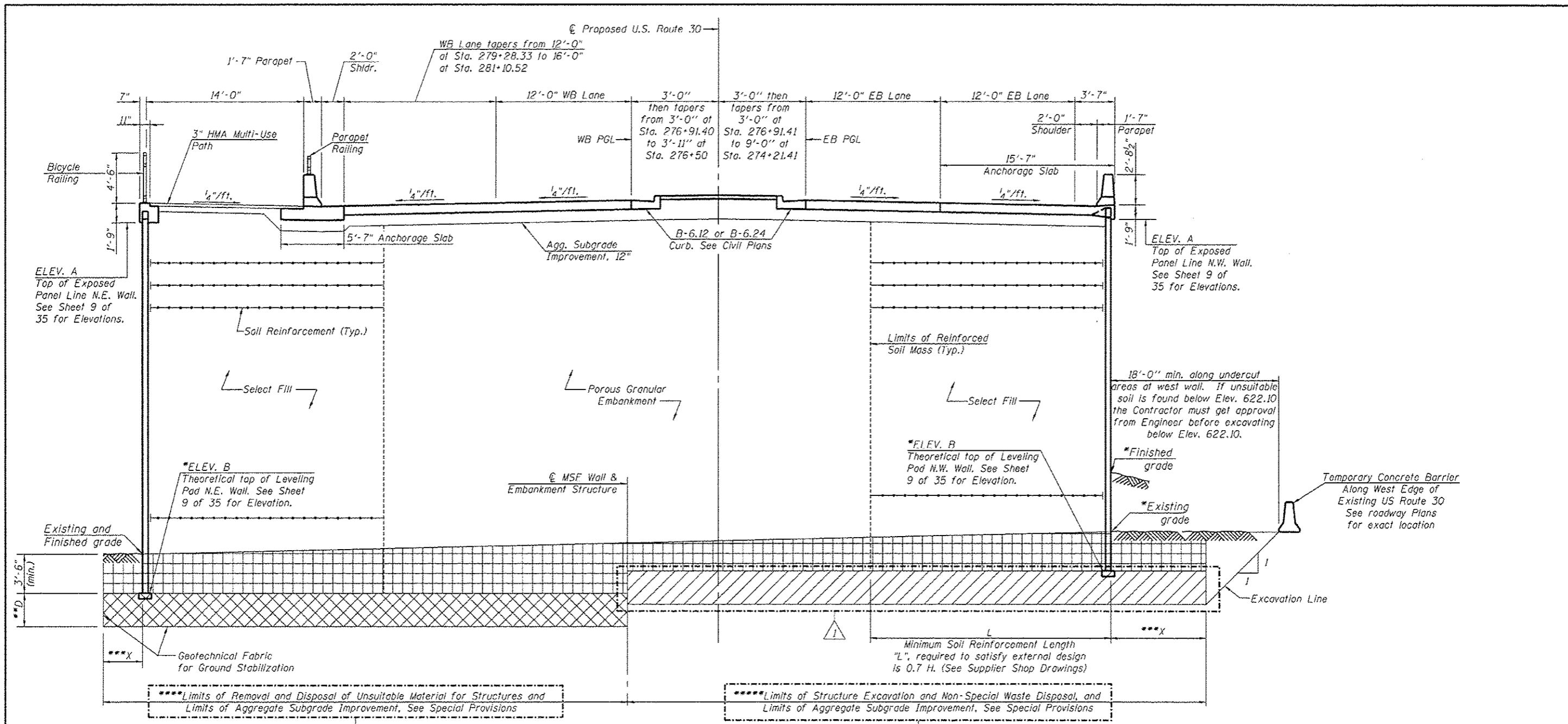
Limits of Structure Excavation and Non-Special Waste Disposal, Backfill with Aggregate Subgrade Improvement.



SOUTH WALL ELEVATION AT NORTH ABUTMENT
(Looking North @ F.F. of Wall)

Notes:
See Notes on Sheet 5 of 35.

V3 Companies of Illinois Ltd. 7325 James Avenue Woodridge, IL 60617 830.724.8200 phone 830.724.8202 fax www.v3co.com	USER NAME :	DESIGNED - EVS	REVISED / 4/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MSE WALL ELEVATIONS STRUCTURE NO. 016-1279	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLDT DATE :	DRAWN - EVS	REVISED			CONTRACT NO. 60R19				
		CHECKED - WJV	REVISED			ILLINOIS FED. AID PROJECT				



TYPICAL SECTION THRU NORTH WALLS
(Looking South)

LEGEND

- Limits of Structure Excavation
- Limits of Removal and Disposal of Unsuitable Material for Structures, Backfill with Aggregate Subgrade Improvement
- Limits of Structure Excavation and Non-Special Waste Disposal, Backfill with Aggregate Subgrade Improvement

* Due to construction phasing, MSE wall will have to be constructed 3'-6" below lowest elevation of existing ground within wall limits. Embankment to be placed against wall to existing elevations during stage traffic phasing. See Civil drawings and Cross Sections for finished grade elevations.

** See Sheet 5 of 35 for longitudinal limits and depth of Removal and Disposal of Unsuitable Material for Structures. See Sheet 6 of 35 for longitudinal limits and depth of Structure Excavation and Non-Special Waste Disposal.

*** Distance "X" is equal to the Removal Depth "D" plus an additional 6".

**** Final limits of Removal and Disposal of Unsuitable Material for Structures shall be determined by the Engineer. For additional information, see Sheet 4 of 35. At wall locations where there is not any Removal and Disposal of Unsuitable Materials for Structures, follow Section 502.12(b) of the Standard Specifications for limits of Structure Excavation.

***** Final limits of Structure Excavation and Non-Special Waste Disposal shall be determined by the Engineer. For additional information, see Sheet 4 of 35. At wall locations where there is not any Structure Excavation and Non-Special Waste Disposal, follow Section 502.12(b) of the Standard Specifications for limits of Structure Excavation.

Notes:
See Sheets 5 and 6 of 35 for Plan and Elevations of Walls.
The limits of Porous Granular Embankment is based on the Select Fill limits, extending 0.7 x height of wall behind the wall face. These quantities may be adjusted in the field according to actual wall design and select granular material quantities.
The Contractor may substitute Select Fill for Porous Granular Embankment at no additional cost. See Sheet 11 thru 15 of 35 for Anchorage Slab and Parapet Details.
See Sheet 9 of 35 for Elev. A and Elev. D.



V3 Companies of Illinois Ltd. 7325 Janes Avenue Woodridge, IL 60517 830.724.9200 phone 830.724.9202 fax www.v3co.com	USER NAME =	DESIGNED - EYS	REVISED Δ 4/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MSE WALL CROSS SECTION STRUCTURE NO. 016-1279	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED - WJV	REVISED			SHEET NO. 8 OF 35 SHEETS			ILLINOIS FED. AID PROJECT	

NORTHEAST WALL ELEVATIONS 

STATION	E. & W. PGL ELEV.	ELEV. A TOP OF EXPOSED PANEL LINE	ELEV. OF EXIST. GRADE	ELEV. B THEORETICAL TOP OF LEVELING PAD	H (FT.)
276+50.00	644.75	642.77	630.89	625.82	16.95
276+75.00	645.72	643.75	630.93		17.93
276+91.42	646.36	644.39	631.13		18.57
277+00.00	646.70	644.72	631.17		18.90
277+25.00	646.67	645.70	630.75		19.08
277+44.99	648.46	646.49	630.74		20.66
277+50.00	648.65	646.67	630.32		20.85
277+64.32	649.20	647.23	629.84		21.41
277+75.00	649.62	647.65	629.57		21.83
277+83.65	649.96	647.98	629.80		22.16
278+00.00	650.60	648.62	632.63		22.80
278+25.00	651.57	649.60	630.49		23.78
278+50.00	652.55	650.57	629.30		24.75
278+75.00	653.52	651.55	629.30		25.73
279+00.00	654.50	652.52	627.49		26.70
279+25.00	655.47	653.50	631.03		27.68
279+28.33	655.60	653.63	631.03		27.81
279+35.00	655.88	653.90	631.05		28.08
279+50.00	656.44	654.46	631.14		28.64
279+75.00	657.32	655.33	631.20		29.51
280+00.00	658.11	656.11	631.26		30.29
280+25.00	658.82	656.80	631.26		30.98
280+50.00	659.44	657.41	631.29		31.59
280+75.00	659.96	657.92	631.32		32.10
281+00.00	660.41	658.35	631.34		32.53
281+10.52	660.57	658.51	631.30		32.69
281+25.00	660.76	658.70	631.15		32.88
281+44.21	660.97	658.92	629.68		33.10
281+52.27	661.05	652.66	629.41		26.84

NORTHWEST WALL ELEVATIONS 

STATION	E. & W. PGL ELEV.	ELEV. A TOP OF EXPOSED PANEL LINE	ELEV. OF EXIST. GRADE	ELEV. B THEORETICAL TOP OF LEVELING PAD	H (FT.)
274+50.00	636.95	634.78	631.35	627.82	6.96
274+75.00	637.92	635.75	631.46		7.93
275+00.00	638.90	636.73	631.49		8.91
275+25.00	639.87	637.70	631.53		9.88
275+50.00	640.85	638.68	631.58		10.86
275+75.00	641.82	639.65	631.63		11.83
276+00.00	642.80	640.63	631.68		12.81
276+25.00	643.77	641.60	631.75		13.78
276+50.00	644.75	642.58	631.81		14.76
276+75.00	645.72	643.55	632.58		15.73
276+83.09	646.04	643.87	632.65		16.05
276+91.71	646.37	644.21	632.62		16.39
277+00.00	646.70	644.53	632.43		16.71
277+25.00	647.67	645.50	632.95		17.68
277+44.99	648.45	646.28	633.16		18.46
277+50.00	648.65	646.48	633.22		18.66
277+64.32	649.20	647.04	633.36		19.72
277+75.00	649.62	647.45	633.36		20.13
277+83.65	649.96	647.79	633.33	628.82	18.97
278+00.00	650.60	648.43	633.35		19.61
278+25.00	651.57	649.40	633.44		20.58
278+50.00	652.55	650.38	633.27		21.56
278+75.00	653.52	651.35	633.10		22.53
279+00.00	654.50	652.33	632.90		23.51
279+25.00	655.47	653.30	632.90		24.48
279+35.00	655.88	653.71	632.90		24.89
279+50.00	656.44	654.28	632.89		25.46
279+75.00	657.32	655.16	632.88		26.34
280+00.00	658.11	655.95	632.86		27.13
280+25.00	658.82	656.65	632.91		27.83
280+50.00	659.44	657.27	633.04		28.45
280+75.00	659.96	657.80	633.17		28.98
281+00.00	660.41	658.24	633.34		29.42
281+25.00	660.76	658.59	633.40		29.77
281+34.98	660.88	658.71	633.42		29.89
281+43.03	660.96	652.66	633.48		23.84

 V3 Companies of Illinois Ltd. 7325 Janes Avenue Woodridge, IL 60517 830.724.9299 phone 830.724.9202 fax www.v3co.com	USER NAME :	DESIGNED - EVS	REVISED  4/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MSE WALL CROSS SECTION TABLES STRUCTURE NO. 016-1279	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED - WJV	REVISED			SHEET NO. 9 OF 35 SHEETS				
						ILLINOIS FED. AID PROJECT				

GENERAL NOTES

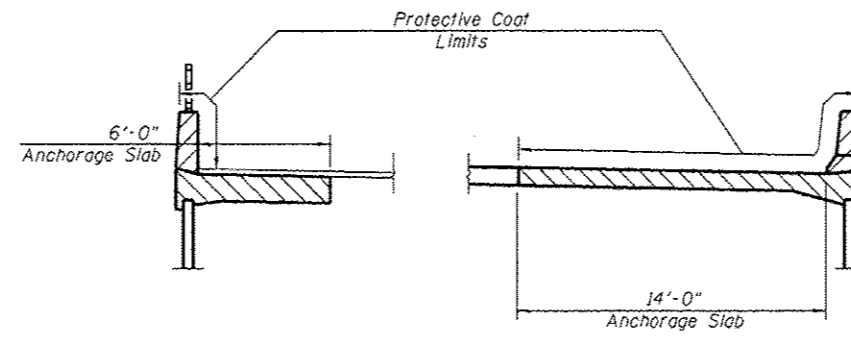
Reinforcement Bars designated (E) shall be epoxy coated.
 See Special Provisions for Mechanically Stabilized Earth Retaining Wall design and construction requirements.
 The gradations and capping of the Aggregate Subgrade Improvement used to replace the Non-Special Waste shall be approved by the Engineer.
 M.S.E. wall supplier to provide internal stability design for load transfer system to accommodate the posts for the traffic barrier terminals at the north end of the southeast wall. See Roadway Plans for exact location of traffic barrier terminals and IDOT Highway Standards 630301-06 and 631031-11 for details. Coordinate with Contractor installing the traffic barrier terminals. Cost included with Mechanically Stabilized Earth Retaining Wall. Slipforming of the parapets is not allowed.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	23,581
Structure Excavation	Cu. Yd.	8,301
Aggregate Subgrade Improvement	Cu. Yd.	4,538
Concrete Structures	Cu. Yd.	359.6
Concrete Superstructure	Cu. Yd.	83.3
Protective Coat	Sq. Yd.	1,237
Reinforcement Bars, Epoxy Coated	Pound	63,340
Parapet Railing	Foot	499
Name Plates	Each	1
Geotechnical Fabric for Ground Stabilization	Sq. Yd.	3,517
Porous Granular Embankment	Cu. Yd.	21,976
Non-Special Waste Disposal	Cu. Yd.	4,538

INDEX OF SHEETS

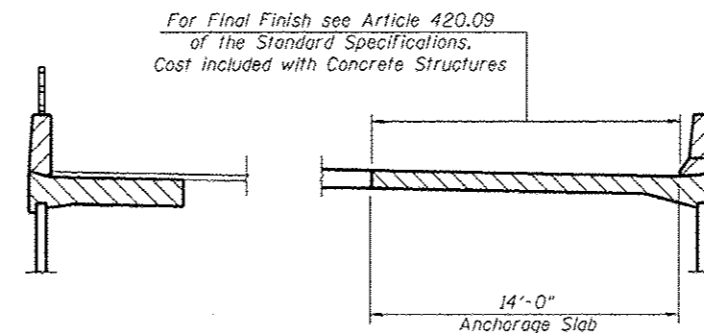
- 1 General Plan & Elevation
- 2 General Notes, Index of Sheets and Total Bill of Material
- 3 MSE Retaining Walls General Layout
- 4 Unsuitable Material Removal and Backfill Layout
- 5 MSE Wall Plan & Elevation
- 6 MSE Wall Elevations
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- 9 MSE Wall Cross Section Tables
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- 13 Southeast MSE Wall Anchorage Slab
- 14 Southeast Parapet Elevation
- 15 Anchorage Slab and Parapet Details
- 16 Bicycle Railing
- 17-25 Soil Boring Logs



**PROTECTIVE COAT LIMITS
SOUTH WALL**

**ANCHORAGE SLAB
PAY ITEM LEGEND**

- Paid as Concrete Superstructure
- Paid as Concrete Structures



**FINAL FINISH LIMITS
SOUTH WALL**

STATION 282+60.94
 -288+00.00
 BUILT BY
 STATE OF ILLINOIS
 F.A.P. RT. 353 SEC. 11-Y-A
 LOADING HL-93
 STRUCTURE NO. 016-1280

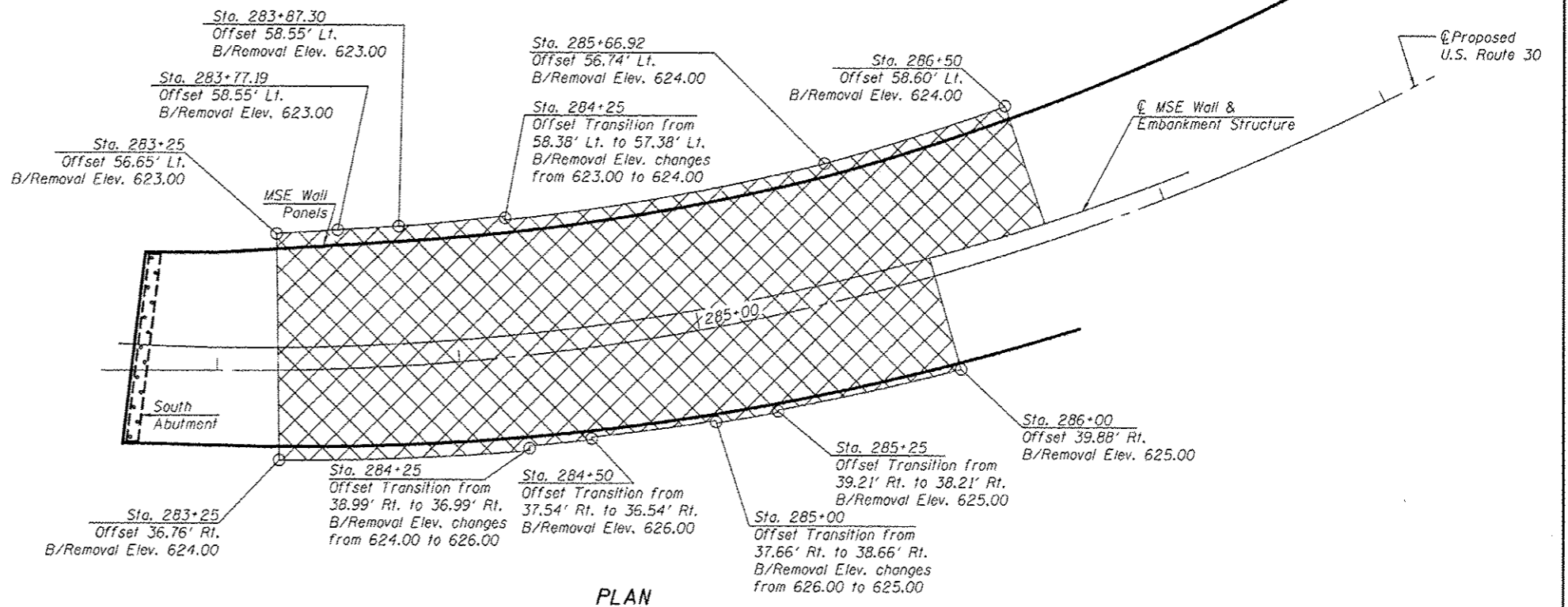
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V3 Companies of Illinois Ltd. 7325 Jones Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME *	DESIGNED - EVS	REVISED 1/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS AND TOTAL BILL OF MATERIAL STRUCTURE NO. 016-1280	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLDT DATE *	DRAWN - EVS	REVISED			SHEET NO. 2 OF 25 SHEETS			CONTRACT NO. 60R19	
		CHECKED - WJV	REVISED			ILLINOIS FED. AID PROJECT				

LEGEND



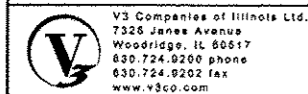
Limits of Structure Excavation and Non-Special Waste Disposal, Backfill with Aggregate Subgrade Improvement.



PLAN

Notes:

The limits and quantities of Structure Excavation and Non-Special Waste Disposal shown are based on the boring data and PSI and may be modified by the Engineer for variable subsurface conditions encountered in the field.
See Sheet 8 of 25 for cross section limits of Structure Excavation and Non-Special Waste Disposal and placement of Aggregate Subgrade Improvement.



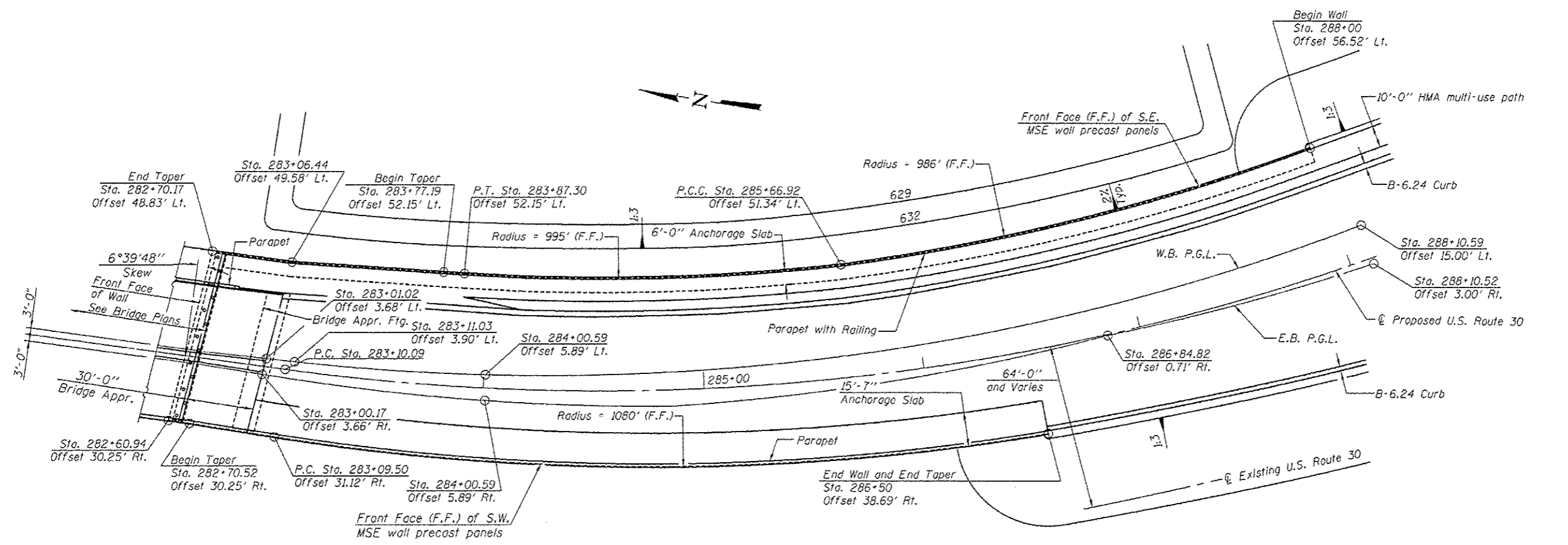
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	CHECKED - WJV	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

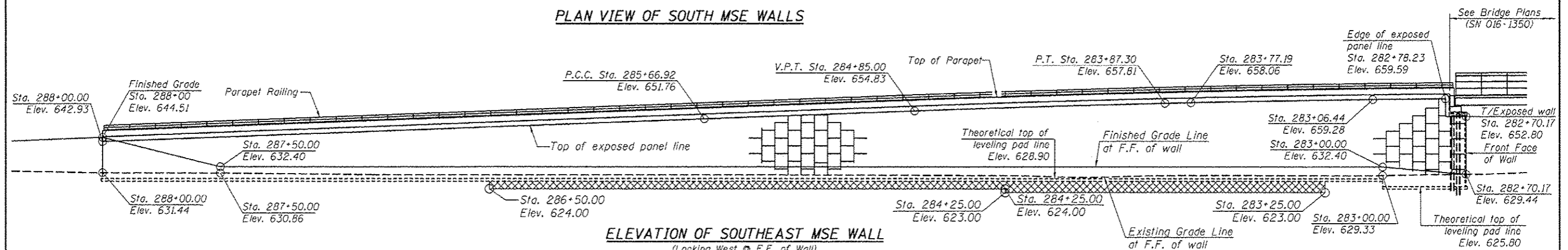
**UNSUITABLE MATERIAL REMOVAL AND BACKFILL LAYOUT
STRUCTURE NO. 016-1280**

SHEET NO. 4 OF 25 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60R19			ILLINOIS FED. AID PROJECT	

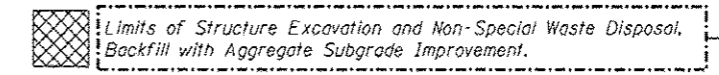


PLAN VIEW OF SOUTH MSE WALLS



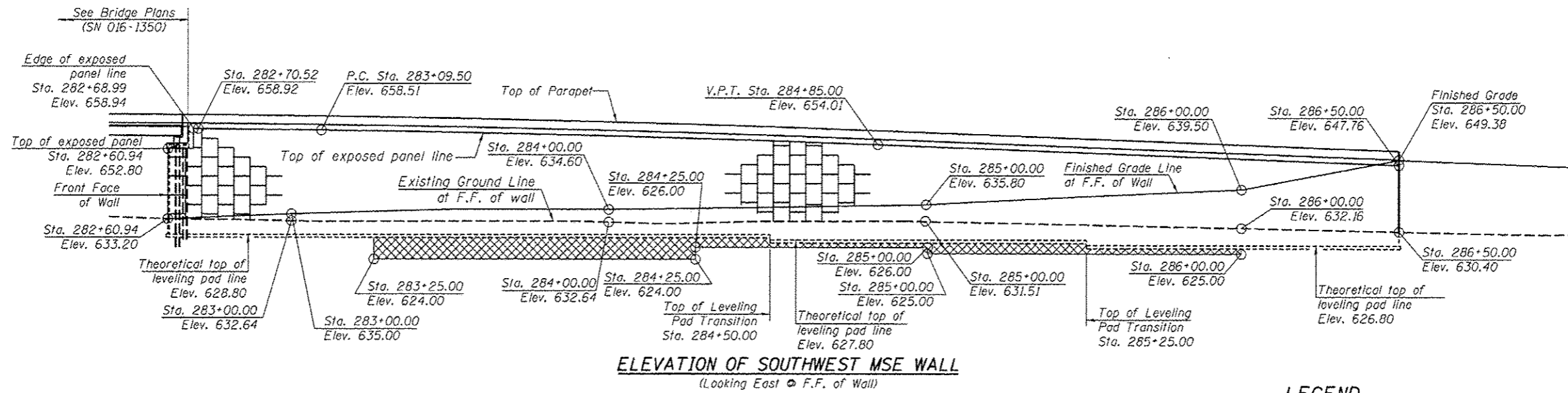
ELEVATION OF SOUTHEAST MSE WALL
(Looking West @ F.F. of Wall)

LEGEND




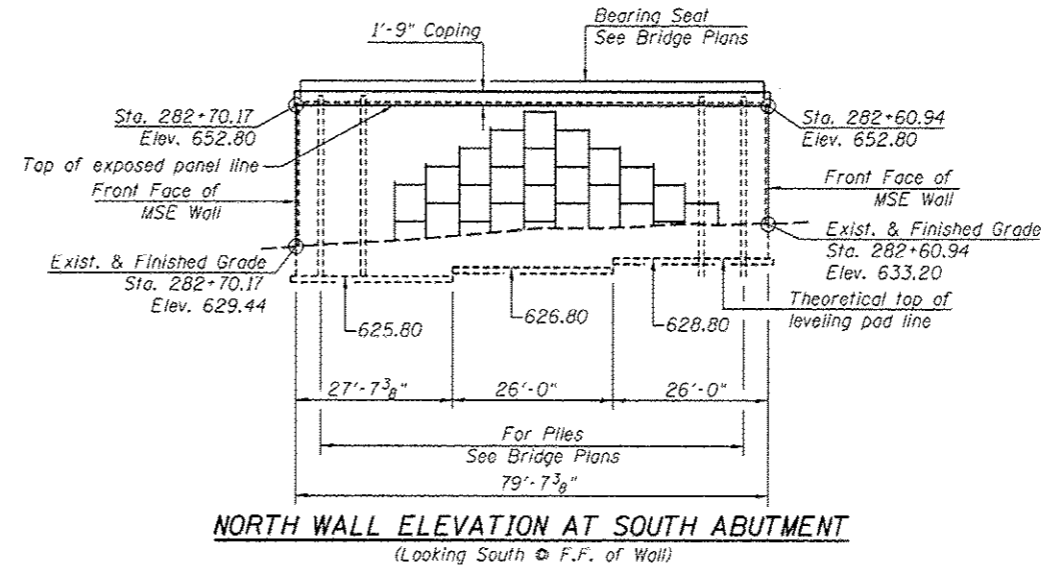
Notes:
 See Sheet 9 of 25 for additional Wall Elevations
 Wall offsets are measured from the Proposed U.S. Route 30 to the front face (F.F.) of precast panels.
 Neither the concrete coping at the top of the wall, approach slabs, nor approach roadway pavements or bike paths, shall be constructed until after the roadway embankment and reinforced select fill have been in place for 6 months, after which time less than 1" of the total anticipated 2 1/2" of settlement is assumed to remain, without prior approval of the Engineer. The MSE wall supplier is alerted to the fact that 2 1/2" of settlement are anticipated from Stations 282+60 to Sta 283+25, and the MSE wall supplier shall take appropriate measures to accommodate this settlement in the wall design.
 Settlement Platforms shall be installed per Art 204.06 in order to monitor the settlement. The settlement period may be shortened at the discretion of the Engineer if the monitoring data indicates a lesser than predicted settlement.
 M.S.E. supplier to provide internal stability design for load transfer system to accommodate drainage piping and drainage structures.

V3 Companies of Illinois Ltd. 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME =	DESIGNED - EVS	REVISED / 1/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MSE WALL PLAN & ELEVATION STRUCTURE NO. 016-1280	F.A.P. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = PLOT DATE =	CHECKED - WJV	REVISED			353	11-Y-A	COOK	354	260
		DRAWN - EVS CHECKED - WJV	REVISED REVISED		SHEET NO. 5 OF 25 SHEETS				CONTRACT NO. 60R19 ILLINOIS FED. AID PROJECT	




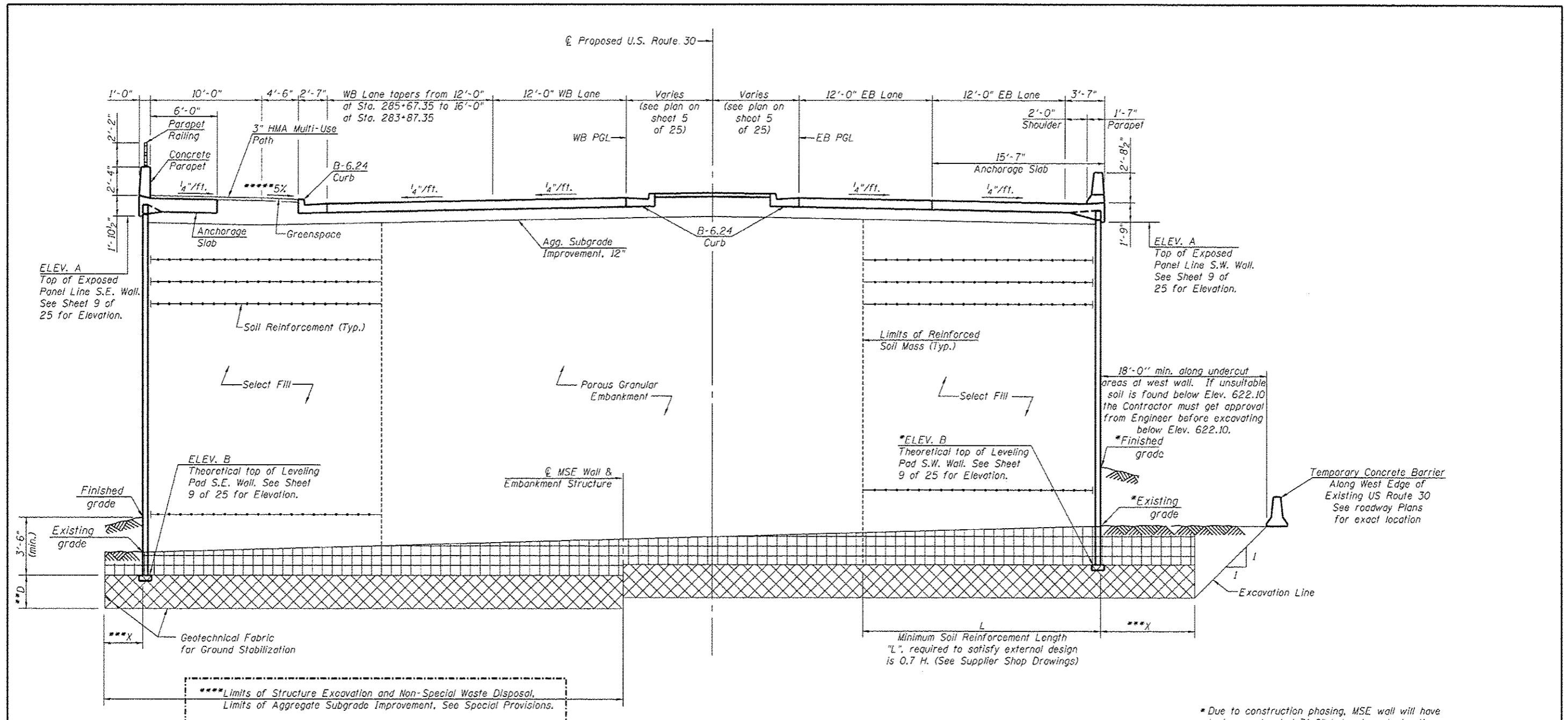
LEGEND

 Limits of Structure Excavation and Non-Special Waste Disposal, Backfill with Aggregate Subgrade Improvement.



Notes:
See Notes on Sheet 5 of 25.

 V3 Companies of Illinois Ltd. 7326 Janes Avenue Woodridge, IL 60817 830.724.9200 phone 830.724.9292 fax www.v3co.com	USER NAME *	DESIGNED - EVS	REVISED Δ 1/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MSE WALL ELEVATIONS STRUCTURE NO. 016-1280 SHEET NO. 6 OF 25 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLD. SCALE *	CHECKED - WJV	REVISED			353	11-Y-A	COOK	354	261	
	PLD. DATE *	DRAWN - EVS	REVISED			CONTRACT NO. 60R19					
		CHECKED - WJV	REVISED			ILLINOIS FED. AID PROJECT					



TYPICAL SECTION THRU SOUTH WALLS
(Looking South)


Notes:
See Sheets 5 and 6 of 25 for Plan and Elevations of Walls.
The limits of Porous Granular Embankment is based on the Select Fill limits, extending 0.7 x height of wall behind the wall face. These quantities may be adjusted in the field according to actual wall design and select granular material quantities.
The Contractor may substitute Select Fill for Porous Granular Embankment at no additional cost. See Sheet 11 thru 14 of 25 for Anchorage Slab and Parapet Details.
See Sheet 9 of 25 for Elev. A and Elev. B.

LEGEND

- Limits of Structure Excavation
- Limits of Structure Excavation and Non-Special Waste Disposal, Backfill with Aggregate Subgrade Improvement.

- * Due to construction phasing, MSE wall will have to be constructed 3'-6" below lowest elevation of existing ground within wall limits. Embankment to be placed against wall to existing elevations during stage traffic phasing. See Civil drawings and Cross Sections for finished grade elevations.
- ** See Sheets 5 and 6 of 25 for longitudinal limits and depth of Structure Excavation and Non-Special Waste Disposal.
- *** Distance "X" is equal to the Removal Depth "D" plus an additional 6".
- **** Final limits of Structure Excavation and Non-Special Waste Disposal shall be determined by the Engineer. For additional information, see Sheet 4 of 25.
At wall locations where there is not any Structure Excavation and Non-Special Waste Disposal, follow Section 502.12(b) of the Standard Specifications for limits of Structure Excavation.
- ***** Cross Slope in green space varies when transitioning from barrier curb to depressed curb. See Roadway Plans.



	V3 Companies of Illinois Ltd. 7326 Janas Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9292 fax www.v3co.com	USER NAME *	DESIGNED - EVS	REVISED 4/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOUTH MSE WALL CROSS SECTION STRUCTURE NO. 016-1280	F.A.P. RTE. 353	SECTION 11-Y-A	COUNTY COOK	TOTAL SHEETS 354	SHEET NO. 263
	PLOT SCALE *	DRAWN - EVS	REVISED	CONTRACT NO. 60R19			ILLINOIS FED. AID PROJECT				
		PLOT DATE *	CHECKED - WJV	REVISED	SHEET NO. 8 OF 25 SHEETS						

SOUTHEAST WALL ELEVATIONS 

STATION	E. & W. PGL ELEV.	ELEV. A TOP OF EXPOSED PANEL LINE	ELEV. OF FINISHED GRADE	ELEV. B THEORETICAL TOP OF LEVELING PAD	H (FT.)
282+70.17	661.09	652.80	629.44	625.80	27.00
282+78.23	661.03	659.63	630.26	625.80	33.83
283+00.00	660.80	659.41	632.40	628.90	30.50
283+06.44	660.72	659.33			30.42
283+25.00	660.45	659.07			30.16
283+50.00	660.02	658.61			29.72
283+75.00	659.50	658.11			29.21
283+77.19	659.45	658.06			29.16
283+87.30	659.21	657.81			28.92
284+00.00	658.89	657.48			28.60
284+25.00	658.20	656.83			27.92
284+50.00	657.42	656.05			27.15
284+75.00	656.55	655.20			26.29
284+85.00	656.18	654.83			25.92
285+00.00	655.61	654.27			25.36
285+25.00	654.66	653.34			24.43
285+50.00	653.71	652.40			23.49
285+66.92	653.08	651.76			22.87
285+75.00	652.77	651.46			22.55
286+00.00	651.82	650.51			21.61
286+25.00	650.87	649.57			20.66
286+50.00	649.92	648.62			19.71
286+75.00	648.98	647.67			18.76
287+00.00	648.03	646.72			17.82
287+25.00	647.08	645.78			16.87
287+50.00	646.13	644.83	632.40		15.92
287+75.00	645.19	643.88	638.46		14.97
288+00.00	644.24	642.93	644.51	628.90	14.03

SOUTHWEST WALL ELEVATIONS 

STATION	E. & W. PGL ELEV.	ELEV. A TOP OF EXPOSED PANEL LINE	ELEV. OF EXIST. GRADE	ELEV. B THEORETICAL TOP OF LEVELING PAD	H (FT.)
282+60.94	661.16	652.80	633.20	628.80	24.00
282+68.99	661.10	658.94	633.03		30.14
282+70.52	6661.09	658.92	632.99		30.12
282+75.00	661.05	658.89	632.84		30.09
283+00.00	660.80	658.63	632.64		29.83
283+09.50	660.68	658.51	632.61		29.71
283+25.00	660.45	658.29	632.56		29.49
283+50.00	660.02	657.85	632.47		29.05
283+75.00	659.50	657.33	632.51		28.53
284+00.00	658.89	656.73	632.64		27.93
284+25.00	658.20	656.03	632.36		27.23
284+50.00	657.42	655.25	632.00	627.80	27.45
284+75.00	656.55	654.38	631.78		26.58
284+85.00	656.18	654.01	631.70		26.21
285+00.00	655.61	653.44	631.51		25.64
285+25.00	654.66	652.49	631.11	626.80	24.69
285+50.00	653.71	651.55	630.94		24.75
285+75.00	652.77	650.60	630.79		23.80
286+00.00	651.82	649.65	630.62		22.85
286+25.00	650.87	648.70	630.49		21.90
286+50.00	649.92	647.76	630.40		20.96

 V3 Companies of Illinois Ltd. 7325 Janos Avenue Woodridge, IL 60517 830.724.9200 phone 830.724.9202 fax www.v3co.com	USER NAME #	DESIGNED - EVS	REVISED  4/09/2014 W.J.V.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MSE WALL CROSS SECTION TABLES STRUCTURE NO. 016-1280	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE #	CHECKED - WJV	REVISED			353	11-Y-A	COOK	354	264	
	PLOT DATE #	DRAWN - EVS	REVISED			SHEET NO. 9 OF 25 SHEETS		CONTRACT NO. 60R19		ILLINOIS FED. AID PROJECT	
		CHECKED - WJV	REVISED								