

DRAINAGE NOTES

1. THE STATION AND OFFSET OF THE DRAINAGE STRUCTURES ADJACENT TO CONCRETE BARRIER ARE TO THE EDGE OF THE FRAME ADJACENT TO THE CONCRETE BARRIER. THE STATION AND OFFSET OF ALL OTHER DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
2. INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE SURVEYED. THE RESIDENT ENGINEER MAY REVISE THE PROPOSED TOP OF FRAME ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.
5. WHERE REQUIRED BY RESTRICTIVE DEPTHS, PRECAST REINFORCED CONCRETE FLAT SLAB TOPS SHALL BE USED FOR MANHOLES AND CATCH BASINS.
6. THERE ARE SEVERAL LOCATIONS WHERE PROPOSED STORM SEWER/PIPE CULVERTS WILL BE PLACED ADJACENT TO THE PIERS AND ABUTMENT WALLS OF EXISTING OVERHEAD BRIDGES. THE ORIGINAL BRIDGE PLANS HAVE BEEN REVIEWED TO REDUCE THE LIKELIHOOD OF ANY CONFLICT BETWEEN THE PROPOSED STORM SEWER/PIPE CULVERTS AND THE OVERHEAD BRIDGE SUBSTRUCTURE(S), HOWEVER SUCH CONFLICTS MAY EXIST. THE CONTRACTOR SHALL TAKE EXTREME CARE WHEN EXCAVATING OR JACKING PIPE CULVERTS ADJACENT TO THE OVERHEAD BRIDGE PIERS AND ABUTMENT WALLS.
7. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
8. WHERE EQUIVALENT ROUND PIPES ARE SPECIFIED, THE CONTRACTOR SHALL USE HORIZONTAL ELLIPTICAL PIPES. NO ARCH OR OTHER EQUIVALENT SIZED PIPES WILL BE ALLOWED.

PERMITS

1. THIS PROJECT WILL REQUIRE AUTHORIZATION FROM THE ARMY CORPS OF ENGINEERS SECTION 404 PERMIT AND A CONSTRUCTION PERMIT FROM THE IEPA UNDER NPDES.

COMMITMENTS

1. IN ORDER TO PROTECT ROOSTING HABITAT FOR THE FEDERALLY ENDANGERED NORTHERN LONG EARED BAT (NLENB), NO TREES SHALL BE CUT BETWEEN APRIL 1 AND OCTOBER 15 OF ANY YEAR. ▲

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ENGINEERING CONSULTANT



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 CONSULTING ENGINEERS
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USER NAME = dwtierzbick1	DESIGNED -	REVISED - ▲ 07/13/2018
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
GENERAL NOTES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	6
CONTRACT NO. 60N87			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH	
				0003 URBAN	0010 099-0068 & 0069	0004 099-C030	0021	0021	0021	0028	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	7,120	7,120							
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	8,505	8,505							
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20							
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	30	30							
20200100	EARTH EXCAVATION	CU YD	91,049	91,049							
20200200	ROCK EXCAVATION	CU YD	22,832	22,832							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	43,001	43,001							
20400800	FURNISHED EXCAVATION	CU YD	506	506							
20800150	TRENCH BACKFILL	CU YD	4,043	4,043							
20900110	POROUS GRANULAR BACKFILL	CU YD	371	371							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SO YD	9,229	9,229							
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2,702	2,702							
21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	666	666							
25000210	SEEDING, CLASS 2A	ACRE	9.25	9.25							

• DENOTES SPECIALTY ITEM

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 Clifton Group, Inc. CONSULTING ENGINEERS 840 North Commonwealth Avenue, Suite 402 Schaumburg, Illinois 60196 Tel: 708/398-1100 Fax: 708/398-1101 www.cliftongroup.com	ENGINEERING CONSULTANT	USER NAME: jg	DESIGNED -	REVISED -
			DRAWN -	REVISED -
	PLOT SCALE: 1/8" = 1'		CHECKED -	REVISED -
	PLOT DATE: 6/27/2018		DATE: 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BO	99-4-IVB-1-R	WILL	840	7
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60NB7	

CONSTRUCTION CODE						
	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
• 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2,520	2,520								
• 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2,520	2,520								
• 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2,520	2,520								
• 25003310	INTERSEEDING, CLASS 4	ACRE	7.00	7.00								
• 25100105	MULCH, METHOD 1	ACRE	13	13								
• 25100115	MULCH, METHOD 2	ACRE	6.5	6.5								
• 25100630	EROSION CONTROL BLANKET	SO YD	161,431	161,431								
• 25100635	HEAVY DUTY EROSION CONTROL BLANKET	SO YD	286	286								
• 25400200	SELECTIVE MOWING STAKES	EACH	254	254								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,430	2,430								
28000305	TEMPORARY DITCH CHECKS	FOOT	2,604	2,604								
28000400	PERIMETER EROSION BARRIER	FOOT	10,211	10,211								
28000510	INLET FILTERS	EACH	197	197								
28100101	STONE RIPRAP, CLASS A1	SO YD	192	192								

• DENOTES SPECIALTY ITEM

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 PLOT USER: jk
 PLOT DEVICE: HP DesignJet 5000

Clorba Group, Inc. CONSULTING ENGINEERS 1800 North Central Expressway, Suite 100 Chicago, Illinois 60642 Tel: 773.775.9999 Fax: 773.775.4000 Email: info@clorba.com	ENGINEERING CONSULTANT	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	80 RYE, IL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE: 1" = 400'	CHECKED -	REVISED -			CONTRACT NO. 60NB7				
	PLOT DATE: 6/27/2018	DATE: 01/20/2018	REVISED -			ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	SHARED USE PATH
				0003	0010	0004	0021	0021	0021	0028
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% FED	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
				URBAN	099-0068 & 099-0069	099-C030				
28200200	FILTER FABRIC	SO YD	192	192						
28500400	ARTICULATED BLOCK REVETMENT MAT	SO YD	106	106						
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2,579	2,579						
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	143,769	143,769						
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SO YD	6,653	3,798						2,855
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SO YD	115,979	115,979						
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	320							320
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	126	126						
42000511	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)	SO YD	42,122	42,122						
42001300	PROTECTIVE COAT	SO YD	145,708	145,708						
42100360	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"	SO YD	51,792	51,792						
42100615	PAVEMENT REINFORCEMENT	SO YD	51,792	51,792						
42101030	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 36'	EACH	1	1						
42101040	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE 48'	EACH	2	2						

• DENOTES SPECIALTY ITEM

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Clorba Group, Inc.		DRAWN -	REVISED -
CONSULTING ENGINEERS	PLOT SCALE: 1/8" = 1'-0"	CHECKED -	REVISED -
	PLOT DATE: 6/1/2018	DATE: 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	9
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				0003	0010	0004	0021	0021	0021	0028		
				URBAN	099-0068 & 099-0069	099-C030						
42101000	TRANSVERSE TERMINAL JOINT COMPLETE 8"	EACH	1									
42101100	TRANSVERSE TERMINAL JOINT COMPLETE 36"	EACH	1									
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	784	784								
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	925	925								
* 42400800	DETECTABLE WARNINGS	SO FT	181	181								
44000100	PAVEMENT REMOVAL	SO YD	103,430	103,430								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	9,867	9,867								
44003100	MEDIAN REMOVAL	SO FT	43,951	43,951								
44004250	PAVED SHOULDER REMOVAL	SO YD	35,309	35,309								
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	5,660	5,660								
48203043	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SO YD	1,075	1,075								
48300510	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"	SO YD	6,533	6,533								
48300800	PORTLAND CEMENT CONCRETE SHOULDERS 13"	SO YD	28,380	28,380								
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1								

* DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT	USER NAME: eppino	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	10
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60N87	

REV. 7/23/18

REV 7-9-18

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				90% FED STATE	90% FED STATE	90% FED STATE	90% FED STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED STATE	80% FED 20% VILLAGE OF NEW LENOX	
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	EVP	HIGHWAY LIGHTING	SHARED USE PATH	
				0003	0010	0004	0021	0021	0021	0028	
				URBAN	099-0068 & 099-0069	099-C030					
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1						
50102400	CONCRETE REMOVAL	CU YD	58.8	36.0	22.8						
50104400	CONCRETE HEADWALL REMOVAL	EACH	6	6							
50104650	SLOPE WALL REMOVAL	SO YD	377		377						
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	2		2						
50105220	PIPE CULVERT REMOVAL	FOOT	1,970	1,970							
50157300	PROTECTIVE SHIELD	SO YD	6,637		6,637						
50200100	STRUCTURE EXCAVATION	CU YD	1,595	417	911	267					
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	3,869	3,561		308					
50201101	COFFERDAM (TYPE 1) (LOCATION - 1)	EACH	1		1						
50300225	CONCRETE STRUCTURES	CU YD	1,748.6		1,730.8	17.8					
50300255	CONCRETE SUPERSTRUCTURE	CU YD	3,846.0	894.9	2,951.1						
50300260	BRIDGE DECK GROOVING	SO YD	10,412		10,412						
50300280	CONCRETE ENCASEMENT	CU YD	18.9		18.9						

• DENOTES SPECIALTY ITEM

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 PLOT DATE: 6/27/2018

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO R/L:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
80	99-4-1VB-1-R	WILL	840	11
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	EVP 0021	HIGHWAY LIGHTING 0021	0028		
50300300	PROTECTIVE COAT	SO YD	12,516		12,516							
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	417.8		417.8							
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1							
50500505	STUD SHEAR CONNECTORS	EACH	27,159		27,159							
50800105	REINFORCEMENT BARS	POUND	39,890		39,890							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,076,845	108,875	965,780	2,190						
50800515	BAR SPLICERS	EACH	4850		4,850							
50800530	MECHANICAL SPLICERS	EACH	25			25						
51100100	SLOPE WALL 4 INCH	SO YD	988		988							
51100300	SLOPE WALL 6 INCH	SO YD	427		427							
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1,527		1,527							
51202305	DRIVING PILES	FOOT	1,527		1,527							
51203600	TEST PILE STEEL HP12X53	EACH	3		3							
51204650	PILE SHOES	EACH	54		54							

* DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT	USER NAME: <i>espino</i>	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	12
CONTRACT NO. 60NB7			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE						
90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003	BRIDGE 0010	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
URBAN	099-0068 & 099-0069	099-C030				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003	BRIDGE 0010	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
				URBAN	099-0068 & 099-0069	099-C030				
51500100	NAME PLATES	EACH	3		2	1				
51603000	DRILLED SHAFT IN SOIL	CU YD	260.7		260.7					
51604000	DRILLED SHAFT IN ROCK	CU YD	102.7		102.7					
52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	459		459					
52000110	PREFORMED JOINT STRIP SEAL	FOOT	650		650					
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	84		84					
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	24		24					
52100520	ANCHOR BOLTS, 1"	EACH	288		288					
52100530	ANCHOR BOLTS, 1 1/4"	EACH	48		48					
52200010	TEMPORARY SHEET PILING	SO FT	1,586		1,586					
52200020	TEMPORARY SOIL RETENTION SYSTEM	SO FT	1,130		1,130					
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1						
54002020	EXPANSION BOLTS 3/4 INCH	EACH	6			6				
54010804	PRECAST CONCRETE BOX CULVERTS 8' X 4'	FOOT	142			142				

* DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

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USER NAME: e50176	DESIGNED: *	REVISED: *
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	DATE: 01/20/2018	REVISED: *

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO R/L:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BO	99-4-IVB-1-R	WILL	840	13
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CONSTRUCTION CODE						
90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003	BRIDGE 0010	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
URBAN	099-0068 & 099-0069	099-C030				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	250	250						
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	36	36						
5421A048	PIPE CULVERTS, CLASS A, TYPE 1 48" (TEMPORARY)	FOOT	392	392						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	8	8						
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3						
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4						
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1						
54215418	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 18"	EACH	1	1						
54215430	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 30"	EACH	2	2						
54215436	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 36"	EACH	1	1						
54215448	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 48"	EACH	2	2						
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	3	3						
54244805	INLET BOX, STANDARD 542501	EACH	2	2						
54248510	CONCRETE COLLAR	CU YD	57	57						

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/7/2018 11:29:19 AM
 PLOT CODE: 0
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ENGINEERING CONSULTANT	USER NAME: cspina	DESIGNED: -	REVISED: -
		DRAWN: -	REVISED: -
	PLOT SCALE: 2,0000 / 1" =	CHECKED: -	REVISED: -
	PLOT DATE: 6/7/2018	DATE: 01/20/2018	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CONSTRUCTION CODE

90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	EVP	HIGHWAY LIGHTING	SHARED USE PATH	
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	0021	0021	0028	
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	312	312							
54261336	CONCRETE END SECTION, STANDARD 542001, 36", 1:3	EACH	3	3							
54261342	CONCRETE END SECTION, STANDARD 542001, 42", 1:3	EACH	1	1							
54261430	CONCRETE END SECTION, STANDARD 542001, 30", 1:4	EACH	1	1							
54261436	CONCRETE END SECTION, STANDARD 542001, 36", 1:4	EACH	1	1							
54261442	CONCRETE END SECTION, STANDARD 542001, 42", 1:4	EACH	2	2							
54263348	CONCRETE END SECTION, STANDARD 542011, 48", 1:3	EACH	1	1							
54263442	CONCRETE END SECTION, STANDARD 542011, 42", 1:4	EACH	1	1							
54263448	CONCRETE END SECTION, STANDARD 542011, 48", 1:4	EACH	1	1							
54263642	CONCRETE END SECTION, STANDARD 542011, 42", 1:6	EACH	1	1							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,327	2,327							
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	199	199							
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	598	598							
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	261	261							

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/7/2018 11:04:20 AM
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ENGINEERING CONSULTANT

Clorba Group, Inc.
 CONSULTING ENGINEERS
 5417 South Commercial Avenue, Suite 400
 Chicago, IL 60632
 Tel: 773.753.4444
 Fax: 773.753.4444

USER NAME: gspina	DESIGNED: -	REVISIONS:
PLLOT SCALE: 1/8" = 1'-0"	DRAWN: -	REVISIONS: -
PLOT DATE: 6/7/2018	CHECKED: -	REVISIONS: -
	DATE: 01/20/2018	REVISIONS: -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO. RTE. 80	SECTION 99-4-1VB-1-R	COUNTY WILL	TOTAL SHEETS 840	SHEET NO. 15
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60NB7	

CONSTRUCTION CODE							
90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX	
ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0009 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	SHARED USE PATH
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	207	207						
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	225	225						
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	23	23						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,200	1,200						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	963	963						
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2,575	2,575						
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	625	625						
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	125	125						
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	185	185						
550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	344	344						
550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	126	126						
550A4700	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	546	546						
550A4710	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	146	146						
550A5500	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FOOT	1,004	1,004						

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 10:58:14 AM
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ENGINEERING CONSULTANT
Clorin Group, Inc.
 CONSULTING ENGINEERS
 1401 North Lombard Street, Suite 100
 Chicago, Illinois 60610
 Tel: 773.775.2000 Fax: 773.775.2011
 Email: clorin@clorin.com

USER NAME: i.espino	DESIGNED: -	REVISED: -
PLOT SCALE: 1/8" = 1'	DRAWN: -	REVISED: -
PLOT DATE: 6/7/2018	CHECKED: -	REVISED: -
	DATE: 01/20/2018	REVISED: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
 SUMMARY OF QUANTITIES
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	16
CONTRACT NO. 60N87			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CONSTRUCTION CODE						
90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003	BRIDGE 0010	BOX CULVERT 0004	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
URBAN	099-0068 & 099-0069	099-C030				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
				ROADWAY 0003	BRIDGE 0010	BOX CULVERT 0004		
55100500	STORM SEWER REMOVAL 12"	FOOT	236	236				
55100700	STORM SEWER REMOVAL 15"	FOOT	221	221				
55100900	STORM SEWER REMOVAL 18"	FOOT	33	33				
55101200	STORM SEWER REMOVAL 24"	FOOT	122	122				
55101400	STORM SEWER REMOVAL 30"	FOOT	68	68				
55101600	STORM SEWER REMOVAL 36"	FOOT	143	143				
55101800	STORM SEWER REMOVAL 42"	FOOT	96	96				
55201100	STORM SEWERS JACKED IN PLACE, 30"	FOOT	79	79				
55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	348	348				
55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	358	358				
58700300	CONCRETE SEALER	SO FT	8,013		8,013			
59000200	EPOXY CRACK INJECTION	FOOT	3		3			
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	508	278	230			
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	8	8				

- DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/17/2018 1:29:21 PM
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ENGINEERING CONSULTANT
 **Clorba Group, Inc.**
 CONSULTING ENGINEERS
 4411 North LaSalle Avenue, Suite 400
 Chicago, Illinois 60630
 Tel: 773.786.1100 Fax: 773.786.1104
 Email: info@clorba.com

USER NAME: j.dempster	DESIGNED: -	REVISED: -
PLOT SCALE: 2.0000 / 1"	DRAWN: -	REVISED: -
PLOT DATE: 6/17/2018	CHECKED: -	REVISED: -
DATE: 01/20/2018	REVISOR: -	REVISED: -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	17
CONTRACT NO. 60NB7			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED STATE	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH		
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	EVP 0021	HIGHWAY LIGHTING 0021	0028		
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	842	842								
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	20,064	20,064								
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1								
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	15	15								
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	67	67								
60201320	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 21 FRAME AND GRATE	EACH	3	3								
60205010	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	1								
60205415	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	1	1								
60205515	CATCH BASINS, TYPE A, 5'-DIAMETER, WITH MEDIAN INLET (604106)	EACH	1	1								
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7								
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3								
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	7	7								
60219510	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	26	26								
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3								

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 14:26:21 PM
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 6/27/2018
 PLOT TIME: 14:26:21 PM
 PLOT USER: J. L. HARRIS
 PLOT DEVICE: HP DesignJet 5000

ENGINEERING CONSULTANT  Clorba Group, Inc. CONSULTING ENGINEERS 2400 North Parkland Avenue, Suite 400 Chicago, Illinois 60642 TEL: 773-291-7200 FAX: 773-291-7201	USER NAME: jlharris DESIGNED: [] DRAWN: [] CHECKED: [] DATE: 01/20/2018	REVISED: [] REVISED: [] REVISED: [] REVISED: []	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	BO RTE: [] SECTION: 99-4-1VB-1-R COUNTY: WILL TOTAL SHEETS: 840 SHEET NO.: 18	CONTRACT NO. 60NB7
	PLOT SCALE: 1/8" = 1'-0" PLOT DATE: 6/27/2018	SCALE: [] SHEET NO. OF SHEETS: [] STA. TO STA. []			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	80% FED 20% VILLAGE OF NEW LENOX	
				0003	0010	0004	0021	0021	0021	0028	
				URBAN	099-0068 & 099-0069	099-C030					
60222210	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	4	4							
60222220	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 21 FRAME AND GRATE	EACH	2	2							
60224005	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 8 GRATE	EACH	7	7							
60224035	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	2	2							
60224440	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 20 FRAME AND GRATE	EACH	6	6							
60224446	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4							
60224457	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1							
60236600	INLETS, TYPE A, TYPE 9 FRAME AND GRATE	EACH	3	3							
60251710	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	2	2							
60251720	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 21 FRAME AND GRATE	EACH	3	3							
60256910	MANHOLES TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	2	2							
60500040	REMOVING MANHOLES	EACH	2	2							
60500050	REMOVING CATCH BASINS	EACH	4	4							
60500060	REMOVING INLETS	EACH	13	13							

• DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT	USER NAME: i.eppino	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 3/8" = 1' - 0"	CHECKED -	REVISED -
	PLOT DATE = 6/17/2018	DATE = 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BQ R/L:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	19
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60N87	

CONSTRUCTION CODE

90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028	
6060095	CLASS SI CONCRETE (OUTLET)	CU YD	9.3	9.3							
6060605	CONCRETE CURB, TYPE B	FOOT	279	279							
60601805	CONCRETE CURB TRANSITION	FOOT	60	60							
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5,225	5,225							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	10,418	10,418							
60608300	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12	FOOT	314	314							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	50 FT	34,185	34,185							
• 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,437.5	3,437.5							
• 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	4	4							
• 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1	1							
• 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4							
• 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	7							
63200310	GUARDRAIL REMOVAL	FOOT	5,237	5,237							
63200400	CABLE ROAD GUARD REMOVAL	FOOT	4,400	4,400							

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 3:23:17 PM
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 PLOT DATE: 6/27/2018
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Clorba Group, Inc. <small>CONSULTING ENGINEERS</small> <small>1001 South Commonwealth Avenue, Suite 404</small> <small>Channahon, Illinois 61018</small> <small>TEL: 815-426-1100 FAX: 815-426-1104</small> <small>www.clorbagroup.com</small>	USER NAME: <small>esprimo</small>	DESIGNED: _____	REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE: 1" = 100'	CHECKED: _____	REVISOR: _____			DATE: 01/20/2018	SCALE: _____	SHEET NO. OF SHEETS	STA.	10 STA.	80	99-4-1VB-1-R
PLOT DATE: 6/27/2018	DATE: 01/20/2018	REVISOR: _____				FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT CONTRACT NO. 60NB7						

CONSTRUCTION CODE						
90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028

CODE NO.	ITEM	UNIT	TOTAL QUANTITY						
63500105	DELINEATORS	EACH	213	213					
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	1,747	1,747					
63700805	CONCRETE BARRIER TRANSITION	FOOT	30	30					
63700900	CONCRETE BARRIER BASE	FOOT	5,290	5,290					
63800920	MODULAR GLARE SCREEN SYSTEM, TEMPORARY	FOOT	3,000	3,000					
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	28,636	28,636					
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1					
64401100	HIGH TENSION CABLE MEDIAN BARRIER	EACH	1,090	1,090					
64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINAL	EACH	3	3					
66400305	CHAIN LINK FENCE, 6'	FOOT	899	899					
• 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2					
66700705	FURNISHING AND ERECTING DRAINAGE MARKERS	EACH	44	44					
• 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	39,320	39,320					
• 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1					

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/7/2018 2:26:49 PM
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 PLOT DATE: 6/7/2018
 FILE NAME: I:\PROJECTS\99-4-1\99-4-1-R\SHEETS\99-4-1-R-60NB7.dwg

ENGINEERING CONSULTANT CONSULTING ENGINEERS 1037 North Columbus Avenue, Suite 402 Chicago, IL 60642 Tel: (773) 488-1100 Fax: (773) 488-1101 www.clorn.com	USER NAME: <i>esprino</i> PLOT SCALE: 1/2" = 1'-0" PLOT DATE: 6/7/2018	DESIGNED: _____ DRAWN: _____ CHECKED: _____ DATE: 01/20/2018	REVISED: _____ REVISED: _____ REVISED: _____ REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	BO R.T.E.: 80 SECTION: 99-4-1VB-1-R COUNTY: WILL TOTAL SHEETS: 840 SHEET NO.: 21 CONTRACT NO.: 60NB7	SCALE: _____ SHEET NO. OF SHEETS: _____ STA. TO STA.: _____	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
	ENGINEERING CONSULTANT					STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	BO R.T.E.: 80 SECTION: 99-4-1VB-1-R COUNTY: WILL TOTAL SHEETS: 840 SHEET NO.: 21 CONTRACT NO.: 60NB7

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	SHARED USE PATH	
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	0021	0021	0028	
66900530	SOIL DISPOSAL ANALYSIS	EACH	8	8							
67100100	MOBILIZATION	L SUM	1	1							
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	19,877	19,877							
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	50 FT	4,165	4,165							
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	233,492	233,492							
70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	9,327	9,327							
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	9,286	9,286							
70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	20,756	20,756							
70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	1,544	1,544							
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1,347	1,347							
70400100	TEMPORARY CONCRETE BARRIER	FOOT	19,877	19,877							
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	52,645	52,645							
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	8	8							
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	7	7							

* DENOTES SPECIALTY ITEM

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 PLOT DATE: 6/7/2018
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ENGINEERING CONSULTANT	USER NAME: eapine	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE: 2.0000	CHECKED	REVISED
	PLOT DATE: 6/7/2018	DATE: 01/20/2018	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 ATE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	22
CONTRACT NO. 60NB7				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	SHARED USE PATH	
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	0021	0021	0028	
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	21	21							
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	24	24							
72000100	SIGN PANEL - TYPE 1	SO FT	566	543.5			22.5				
72000200	SIGN PANEL - TYPE 2	SO FT	402	381			21				
72000300	SIGN PANEL - TYPE 3	SO FT	1,825	1,825							
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	33	33							
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	23	23							
72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	74	74							
72400320	REMOVE SIGN PANEL - TYPE 2	SO FT	32	32							
72400330	REMOVE SIGN PANEL - TYPE 3	SO FT	1,752	1,752							
72500200	OBJECT MARKER - TYPE 2	EACH	207	207							
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	7	7							
72600100	MILE POST MARKER ASSEMBLY	EACH	6	6							
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	11,990	11,990							

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 12:00:23 PM
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 FILE NAME: 99-4-1VB-1-R-23.DWG
 USER: J:\Users\jgibson\Documents\99-4-1VB-1-R-23.DWG



ENGINEERING CONSULTANT	USER NAME: jgibson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE: 2.0000 1" = 10'	CHECKED -	REVISED -
	PLOT DATE: 6/7/2018	DATE: 01/20/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	23
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60NB7	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH	
				0003 URBAN	0010 099-0068 & 099-0069	0001 099-C030	0021	EVP 0021	0021	0028	
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	801	801							
73000100	WOOD SIGN SUPPORT	FOOT	466	466							
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	7	7							
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	88	88							
73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	37	37							
73400100	CONCRETE FOUNDATIONS	CU YD	29	29							
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	32	32							
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	1							
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2	2							
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	19	19							
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	19	19							
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	2							
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	328	328							
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	17,938	17,938							

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/21/2018 10:24 AM
 PLOT COMMAND: PLOT.DWG
 FILE NAME: I:\PROJECTS\2018\1804\1804-1\1804-1.dwg

ENGINEERING CONSULTANT

 CONSULTING ENGINEERS
 5001 North Commonwealth Avenue, Suite 101
 Chicago, Illinois 60630
 Tel: 773.775.4800 Fax: 773.775.4804
 Email: info@clorbagroup.com

USER NAME: ecp1010	DESIGNED: _____	REVISED: _____
DRAWN: _____	CHECKED: _____	DATE: 01/20/2018
PLOT SCALE: 2.0000	PLOT DATE: 6/21/2018	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE:	SHEET NO. OF SHEETS	STA. TO STA.
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BO. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	24
FED. ROAD DIST. NO. 1, ILLINOIS FED. AID PROJECT			CONTRACT NO. 60NB7	

CONSTRUCTION CODE						
90% FED STATE 10%	90% FED STATE 10%	90% FED STATE 10%	90% FED STATE 10%	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED STATE 10%	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
• 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,125	1,125						
• 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	348	348						
• 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	113	113						
• 78004355	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 5"	FOOT	690	690						
• 78008200	POLYUREA PAVEMENT MARKING TYPE J - LETTERS AND SYMBOLS	50 FT	1,745	1,745						
• 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	8307	8307						
• 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	11,157	11,157						
• 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1,961	1,961						
• 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	438	438						
• 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	51,237	51,237						
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,343	1,343						
• 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	3,002	3,002						
• 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	3,913				3,913			
• 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1,506				1,506			

• DENOTES SPECIALTY ITEM

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ENGINEERING CONSULTANT

 CONSULTING ENGINEERS
 2001 North Central Expressway, Suite 200
 Naperville, IL 60563
 Tel: 630.335.1100 Fax: 630.335.1101

USER NAME: epp1110	DESIGNED: -	REVISION: -
PLOT SCALE: 2.0000 1/16"	DRAWN: -	REVISION: -
PLOT DATE: 6/7/2018	CHECKED: -	REVISION: -
	DATE: 01/20/2018	REVISION: -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
 SUMMARY OF QUANTITIES
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-IVB-1-R	WILL	840	25
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60N87	

CONSTRUCTION CODE						
90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX
ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
• 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	1,808	1,265			203		340	
• 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2,066	345			1,721			
• 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	709						709	
• 81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	2,125	485					1640	
• 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	660	660						
• 81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	16						16	
• 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4						4	
• 81300810	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 8"	EACH	6						6	
• 81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	2	2						
• 81301500	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 28" X 12" X 6"	EACH	6						6	
• 81400100	HANDHOLE	EACH	21				21			
• 81400200	HEAVY-DUTY HANDHOLE	EACH	13	6			7			
• 81400300	DOUBLE HANDHOLE	EACH	6				6			
• 81603032	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3,085	3,085						

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 12:54:27 PM
 PLOT FILE: C:\Users\jg\Documents\60626.dwg
 PLOT SCALE: 1"=100'
 PLOT DATE: 6/27/2018

Clifton Group, Inc. CONSULTING ENGINEERS 1200 North F. Columbus Road, Suite 102 Chicago, Illinois 60642 Tel: 773.775.1000 Fax: 773.775.1011 Email: clifton@cliftongroup.com	USER NAME: jgspino DESIGNED: - DRAWN: - CHECKED: - DATE: 01/20/2018	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	RD. RTE.: 80 SECTION: 99-4-1VB-1-R COUNTY: WILL. TOTAL SHEETS: 840 SHEET NO.: 26	CONTRACT NO. 60N87 ILLINOIS FED. AID PROJECT
	PLOT SCALE: 2.0000 = 1"=100' PLOT DATE: 6/27/2018	SCALE: SHEET NO. OF SHEETS STA. TO STA.				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH	
				0003	0010	0004	0021	0021	0021	0028	
				URBAN	099-0068 & 099-0069	099-C030					
• 81603081	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1,847							1,847	
• 81702100	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 12	FOOT	882							882	
• 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,646							2,646	
• 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	500	500							
• 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,600	1500						1,100	
• 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	3,300							3,300	
• 81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	338							338	
• 82102150	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 150 WATT	EACH	10							10	
• 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	1							1	
• 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	16							16	
• 83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	3							3	
• 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	66							66	
• 83800105	BREAKAWAY DEVICE, TRANSFORMER BASE, 11.5 INCH BOLT CIRCLE	EACH	10	4						6	
• 83800505	BREAKAWAY DEVICE, COUPLING WITH ALUMINUM SKIRT	EACH	2							2	

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/23/18 10:45 AM
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 6/23/18
 FILE NAME: I:\PROJ\83800505\83800505.dwg

ENGINEERING CONSULTANT CONSULTING ENGINEERS 1001 North Central Expressway, Suite 400 Chicago, IL 60642 Tel: (773) 752-0000 Fax: (773) 752-0010	USER NAME: 61010	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	80% RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISED: -			80	99-4-1VB-1-R	WILL	840	27
PLOT DATE: 6/7/2018	DATE: 01/20/2018	REVISED: -		SCALE:	SHEET NO. OF SHEETS	STA.	10 STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT CONTRACT NO. 60NB7		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	SHARED USE PATH	
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	EVP 0021	0021	0028	
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2				2				
84200804	REMOVAL OF POLE FOUNDATION	EACH	3						3		
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	4				4				
86400100	TRANSCEIVER - FIBER OPTIC	EACH	5				5				
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9,394				9,394				
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,018				1,018				
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,981				2,981				
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5,368				5,368				
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,891				3,891				
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	18,083				18,083				
87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	165				165				
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	130				130				
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	2,557				2,557				
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1				1				

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 3:30:40 PM
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 PLOT SHEET: 840
 PLOT DATE: 6/27/2018
 FILE NAME: \\P001\eng\99-4-1VB-1-R\Drawings\Sheet\13061_0519_50022.dwg

ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 801 North Lombard Avenue, Suite 402
 Chicago, Illinois 60610
 Tel: 312.771.7000 Fax: 312.771.4611
 www.clorbagroup.com

USER NAME: A.ROJAS	DESIGNED: -	REVISIONS:
PLOT SCALE: 1/8" = 1'	DRAWN: -	REVISIONS:
PLOT DATE: 6/27/2018	CHECKED: -	REVISIONS:
	DATE: 01/20/2018	REVISIONS:

DESIGNED: -	REVISIONS:
DRAWN: -	REVISIONS:
CHECKED: -	REVISIONS:
DATE: 01/20/2018	REVISIONS:

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
 SUMMARY OF QUANTITIES
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	28
CONTRACT NO. 60NB7				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

CONSTRUCTION CODE						
90% FED 10% STATE	90% FED 10% STATE	90% FED 40% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH
ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 00 04 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 00 04 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	1				1			
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1				1			
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3				3			
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	2				2			
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1				1			
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1				1			
87700270	STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1				1			
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1				1			
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1				1			
87700330	STEEL MAST ARM ASSEMBLY AND POLE, 56 FT.	EACH	1				1			
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40				40			
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8				8			
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	14	14						
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	79				79			

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/7/2018 12:58:28 PM
 PLOT SCALE: 2.0000
 PLOT DATE: 6/7/2018
 FILE NAME: I:\PROJECTS\2018\18-001\18-001.dwg

Cloran Group, Inc. CONSULTING ENGINEERS 2387 North DuSable Avenue, Suite 402 Chicago, Illinois 60614 Tel: 773.773.9999 Fax: 773.773.9919 Email: info@cloran.com	USER NAME: 1 esd1no DESIGNED: - DRAWN: - CHECKED: - DATE: 01/20/2018	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	BO RTE: 80 SECTION: 99-4-1V8-1-R COUNTY: WILL TOTAL SHEETS: 840 SHEET NO.: 29	CONTRACT NO. 60N07
	PLOT SCALE: 2.0000 PLOT DATE: 6/7/2018	SCALE: SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	0021	0021	0028		
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	65				65					
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21				21					
87900200	DRILL EXISTING HANDHOLE	EACH	8	5			3					
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	16				16					
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10				10					
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2				2					
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2				2					
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4				4					
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4				4					
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2				2					
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2				2					
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	22				22					
88500100	INDUCTIVE LOOP DETECTOR	EACH	55				55					
88600100	DETECTOR LOOP, TYPE I	FOOT	411				411					

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/17/2018 11:26:36 AM
 PLOT SCALE: 1/8" = 1'-0"
 FILE NAME: \\ALVIND\1\8862339-081\1-05-20\Drawings\1339-1-05-20-002.dwg

	ENGINEERING CONSULTANT	DESIGNED	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME: espino	DRAWN	REVISIONS			80	99-4-1VB-1-R	WILL	840	30
	PLOT SCALE: 2.0000 1/8" = 1'-0"	CHECKED	REVISIONS			CONTRACT NO. 60NB7				
	PLOT DATE: 6/17/2018	DATE: 01/20/2018	REVISIONS			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	SHARED USE PATH
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	0021	0021	0028
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX	
				⚠			⚠			
88600700	PREFORMED DETECTOR LOOP	FOOT	3605				3605			
88700200	LIGHT DETECTOR	EACH	9					9		
88700300	LIGHT DETECTOR AMPLIFIER	EACH	2					2		
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4				4			
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3				3			
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	5				5			
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	2				2			
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2				2			
89501300	RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE	EACH	1				1			
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1					1		
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	4					4		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	17,363				12,851		4,512	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6				6			
89502380	REMOVE EXISTING HANDHOLE	EACH	26				26			

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 12:02:27 PM
 PLOT FILE: C:\Users\jgibson\Documents\Projects\1111111111\1111111111.dwg
 PLOT SCALE: 1/8" = 1'-0"

 Florida Group, Inc. CONSULTING ENGINEERS 1307 North Commercial Avenue, Suite 402 Ocala, FL 34476 Tel: 352.237.1111 Fax: 352.237.1112	USER NAME: jgibson PLOT SCALE: 1/8" = 1'-0" PLOT DATE: 6/27/2018	DESIGNED: _____ DRAWN: _____ CHECKED: _____ DATE: 01/20/2018	REVISED: _____ REVISED: _____ REVISED: _____ REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	SCALE: _____ SHEET NO. OF SHEETS: _____ STA. TO STA.: _____	80 RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 80 99-4-1VB-1-R WILL 840 31 CONTRACT NO. 60NB7 FED. ROAD DIST. NO. 1 ILL. HIGHWAY FED. AID PROJECT
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% VILLAGE OF NEW LENOX	SHARED USE PATH		
				0003	0010	0004	0021	0021	0021	0028		
				URBAN	099-0068 & 099-0069	099-C030						
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	4				4					
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	21				21					
A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	50	50								
A2005616	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	30	30								
A2006816	TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	50	50								
A2007816	TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	50	50								
B2001668	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	30	30								
C2002048	SHRUB, CORYLUS AMERICANA (AMERICAN FILBERT), 4' HEIGHT, BALLED AND BURLAPPED	EACH	100	100								
C2C05724	SHRUB, RHUS AROMATICA (FRAGRANT SUMAC), 2' WIDTH, CONTAINER	EACH	200	200								
D2001984	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	200	200								
K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	432	432								
K0026850	PERENNIAL PLANT CARE	50 YD	15,200	15,200								
K0029614	WEED CONTROL, AQUATIC	GALLON	5	5								
K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	130	130								

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 10:43:37 AM
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 PLOT SCALE: 1/8" = 1'-0"

 Clorba Group, Inc. CONSULTING ENGINEERS 1411 North Central Road, Suite 102 Naperville, IL 60563 TEL: 630-251-8800 FAX: 630-251-8801 WWW.CLOBRAGROUP.COM	USER NAME: asprno	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE: 1/8" = 1'-0"	DRAWN: -	REVISED: -			80	99-4-1VB-1-R	WILL	840	32
	PLOT DATE: 6/27/2018	CHECKED: -	REVISED: -			CONTRACT NO. 60NB7				
	DATE: 01/20/2018	REVISED: -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		

90% FED 10% STATE		90% FED 10% STATE		90% FED 10% STATE		90% FED 10% STATE		100% NEW LENOX FIRE PROTECTION DISTRICT		90% FED 10% STATE		80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH	
ROADWAY 0003		BRIDGE 0010		BOX CULVERT 0004		TRAFFIC SIGNALS 0021		EVP 0021		HIGHWAY LIGHTING 0021		0028	
URBAN		099-0068 & 099-0069		099-C030									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																	
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	100% NEW LENOX FIRE PROTECTION DISTRICT EVP 0021	90% FED 10% STATE HIGHWAY LIGHTING 0021	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH 0028											
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	2,062	2,062																	
X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	4	4																	
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	3	3																	
X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1																	
X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	2,062	2,062																	
X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	4	4																	
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	3	3																	
X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	1	1																	
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	28	28																	
X0323044	COARSE SAND PLACEMENT	SO YD	4,792	4,792																	

* DENOTES SPECIALTY ITEM

DATE PLOTTED = 6/17/2018 11:26:27 PM
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 PLOT SCALE = 1/8" = 1'-0"
 PLOT DATE = 6/17/2018

ENGINEERING CONSULTANT Clorin Group, Inc. CONSULTING ENGINEERS 8821 North Commercial Avenue, Suite 102 Chicago, Illinois 60631 Tel: 773.775.9999 Fax: 773.775.9911 Email: clorin@clorin.com		USER NAME: jg DESIGNED: [] DRAWN: [] CHECKED: [] DATE: 01/20/2018	REVISED: [] REVISED: [] REVISED: [] REVISED: []	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	SCALE: [] SHEET NO. [] OF [] SHEETS STA. [] TO STA. []	SECTION: 99-4-1VB-1-R COUNTY: WILL TOTAL SHEETS: 640 SHEET NO.: 33	CONTRACT NO. 60M87
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH		
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	EVP 0021	HIGHWAY LIGHTING 0021	0028		
X0323260	SEDIMENT BASIN	EACH	9	9								
X0323265	REMOVE EXISTING RIPRAP	SO YD	507	507								
X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	9	9								
X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	2	2								
X0324001	REMOVE WOOD POLE AND SALVAGE	EACH	18							18		
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	4,138						4,138			
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	5,407				5,407					
X0324752	STORM SEWER TO BE FILLED	CU YD	9.6	9.6								
X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	17,210	17,210								
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	10	10								
X0326266	ETHERNET SWITCH	EACH	4	4								
X0326275	RAILROAD RIGHT-OF-WAY ENTRY PERMIT	EACH	1	1								
X0326650	FILLING EXISTING RUMBLE STRIP	FOOT	19,843	19,843								
X0326964	FIBER OPTIC INTERCONNECT CABINET	EACH	1	1								

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/17/2018 10:28:28 AM
 PLOT DATE: 6/17/2018
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Clifton Group, Inc. CONSULTING ENGINEERS 2241 North Country Road, Suite 402 Naperville, IL 60563 Tel: 630.335.1234 Fax: 630.335.1234	USER NAME: gsp17m	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES			BO RIE: 80	SECTION: 99-4-1VB-1-R	COUNTY: WILL	TOTAL SHEETS: 840	SHEET NO.: 34
	PLOT SCALE: 2.0000 "/>											
	PLOT DATE: 6/17/2018	CHECKED: -	REVISED: -					SCALE: 1" = 100'	SHEET NO. OF SHEETS: 34	STA. TO STA.:	FED. ROAD DIST. NO.:	ILLINOIS FED. AID PROJECT:
	DATE: 01/20/2018	REVISI	CONTRACT NO. 60NB7									



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH	
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	0021	0021	0028	
X0327115	RS232 TO ETHERNET CONVERTER	EACH	4	4							
X0327117	ATMS SYSTEM INTEGRATION	L SUM	1	1							
X0327118	SOLAR PANEL, RADAR VEHICLE SENSING DEVICE AND SPREAD SPECTRUM RADIO ANTENNA POLE	EACH	4	4							
X0327119	RADAR VEHICLE SENSING DEVICE POLE ON BARRIER WALL	EACH	3	3							
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	70,066	70,066							
X1400023	CONDUIT, FLEXIBLE, LIQUID TIGHT, METALLIC, 2" DIAMETER	FOOT	55	30					25		
X1400032	RADAR VEHICLE SENSING DEVICE	EACH	10	10							
X1400081	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1				1				
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	2				2				
X1400155	REMOVAL OF FIBER OPTIC CABLE	FOOT	1,490	1,490							
X1400168	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1				1				
X1400247	LIGHT POLE, SPECIAL, 20'	EACH	2						2		
X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	12	12							
X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	1.00	1.00							

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/27/2018 10:28 AM
PLOT CODE: 0
PLOT SCALE: 1/8"=1'-0"
PLOT DATE: 6/27/2018

	ENGINEERING CONSULTANT	USER NAME: <i>exp1116</i>	DESIGNED -	REVISED -
	CONSULTING ENGINEERS		DRAWN -	REVISED -
	1025 North Duane Road, Suite 404 Lisle, IL 60130 (708) 217-1000		CHECKED -	REVISED -
			DATE: 01/20/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	35
CONTRACT NO. 60N87			TEL. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	HIGHWAY LIGHTING	80% FED 20% VILLAGE OF NEW LENOX	
				0003	0010	0004	0021	EVP	0021	0028	
				URBAN	099-0068 & 099-0069	099-C030					
X2700003	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	10,098	10,098							
X2700005	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 7"	FOOT	10,098	10,098							
X2810108	STONE RIPRAP, CLASS A4 (SPECIAL)	50 YD	192	192							
X2840105	GABION REMOVAL	CU YD	560	560							
X4211080	WIDE FLANGE BEAM TERMINAL JOINT COMPLETE (SPECIAL)	EACH	1	1							
X5420636	PIPE CULVERTS TO BE CLEANED 36"	FOOT	952	952							
X5521500	STORM SEWERS JACKED IN PLACE, 42" (SPECIAL)	FOOT	87	87							
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	538		538						
X6015000	REMOVE CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	19	19							
X6020090	MANHOLES, WITH RESTRICTOR PLATE	EACH	1	1							
X6020091	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE, RESTRICTOR PLATE	EACH	1	1							
X6024090	MANHOLES, TYPE A, 6'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	1	1							
X6025602	MANHOLES TO BE ADJUSTED WITH FRAME AND GRATE (SPECIAL)	EACH	3	3							
X6030205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	14	14							

100% State

• DENOTES SPECIALTY ITEM

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 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 6/1/2018
 FILE NAME: N:\PROJECTS\2018\6087\1-10-18\Drawings\18-06087-1-10-18-0003.dwg

	USER NAME: jsp/m	DESIGNED: _____	REVISED: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES	BO RFE: 80	SECTION: 99-4-1VB-1-R	COUNTY: WILL	TOTAL SHEETS: 840	SHEET NO.: 36
	PLOT SCALE: 1/8" = 1'-0" PLOT DATE: 6/1/2018	DRAWN: _____ CHECKED: _____ DATE: 01/20/2018	REVISED: _____ REVISED: _____ REVISED: _____			SCALE: _____ SHEET NO. OF SHEETS: _____ STA. TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT	CONTRACT NO. 6087		



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH		
				0003	0010	0004	0021	0021	0021		
				URBAN	099-0068 & 099-0069	099-C030					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	14	14							
X6050700	REMOVE INLET BOX	EACH	6	6							
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SO FT	14,717	14,717							
X6350120	DELINEATOR REMOVAL	EACH	213	213							
X6370250	CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT	FOOT	4,107	4,107							
X6431120	REMOVE IMPACT ATTENUATOR SAND MODULE	EACH	4	4							
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MD	39	39							
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1							
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	550	550							
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	720	720							
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	59,217	59,217							
X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	50,690	50,690							
X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4,491	4,491							

* DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/22/2018 11:40:35 AM
 PLOT FILE: C:\WORK\PROJECTS\60NB7\60NB7.dwg
 PLOT SCALE: 1"=100'
 PLOT DATE: 6/22/2018

ENGINEERING CONSULTANT
Clorin Group, Inc.
 CONSULTING ENGINEERS
 2021 North Commonwealth Avenue, Suite 400
 Chicago, Illinois 60659
 Tel: 773.299.1000 Fax: 773.299.1004
 Email: info@clorin.com

USER NAME: j.espino	DESIGNED: DRAWN	REVISIONS:
PLOT SCALE: 2,0000' / 1"	CHECKED:	REVISIONS:
PLOT DATE: 6/22/2018	DATE: 01/20/2018	REVISIONS:

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	37
CONTRACT NO. 60NB7				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH		
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	EVP 0021	HIGHWAY LIGHTING 0021	0028		
X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	228	228								
X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	2,596	2,596								
X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	149	149								
X7035124	TEMPORARY EPOXY PAVEMENT MARKING - LINE 24"	FOOT	80	80								
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	2,544	2,544								
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	690	690								
X8210040	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3							3		
X8210312	PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING (SPECIAL)	L SUM	1							1		
X8302397	LIGHT POLE, ALUMINUM, 25 FT M.H., 15 FT. MAST ARM	EACH	6							6		
X8360105	LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	21	21								
X8440116	RELOCATE EXISTING LIGHTING UNIT, SPECIAL	EACH	3							3		
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2				2					
X8571315	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1				1					
X8600105	MASTER CONTROLLER (SPECIAL)	EACH	1				1					

• DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/7/2018 14:03:35 PM
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 PLOT NAME: 1808228-1.dwg

 Clorba Group, Inc. CONSULTING ENGINEERS <small>1000 North Commercial Avenue, Suite 400 Chicago, Illinois 60610 Tel: 312.776.0200 Fax: 312.776.0204 Email: clorba@clorba.com</small>	USER NAME: eesing	DESIGNED: -	REVISED: -
	PLOT SCALE: 1:20000 1" = 100'	DRAWN: -	REVISED: -
	PLOT DATE: 6/7/2018	CHECKED: -	REVISED: -
		DATE: 01/20/2018	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	93-4-1VD-1-R	WILL	840	38
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60N87	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX SHARED USE PATH		
				0003 URBAN	0010 099-0068 & 099-0069	0004 099-C030	0021	EVP 0021	HIGHWAY LIGHTING 0021	0028		
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	2	▲			2	▲				
X8620250	UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	3				3					
X8710024	FIBER OPTIC CABLE IN CONDUIT. NO. 62.5/125, MM12F SM24F	FOOT	9,524				9,524					
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	17,330	17,330								
X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT	3,455	3,455								
X8710054	FIBER OPTIC TERMINATION PANEL. 12 F OR 24F	EACH	6	6								
X8950510	REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	7,761	750			7,011					
X1400340	AERIAL CABLE REMOVAL	FOOT	6,415							6415		
X1400341	REMOVAL OF LUMINAIRE. SALVAGE	EACH	7							7		
X1400342	UNDERPASS LIGHTING REMOVAL	L SUM	1							1		
Z0007114	CONTAINMENT AND DISPOSAL OF NON-LEAD PAINT CLEANING RESIDUES	L SUM	1		1							
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	L SUM	1		1							
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	L SUM	1		1							
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SD FT	341		341							
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								

▲ DENOTES SPECIALTY ITEM

DATE PLOTTED: 6/7/2018 10:26:36 AM
 PLOT FILE: C:\Users\jgibson\Documents\6087\6087.dwg
 PLOT NAME: 6087.dwg

ENGINEERING CONSULTANT
Clorin Group, Inc.
 CONSULTING ENGINEERS
 6607 North Cumberland Avenue, Suite 100
 Springfield, Illinois 62764
 TEL: 773-776-1000 FAX: 773-776-1011
 www.clorin.com

USER NAME: jgibson	DESIGNED: -	REVISED: -
PLOT SCALE: 1/8" = 1'-0"	DRAWN: -	REVISED: -
PLOT DATE: 6/7/2018	CHECKED: -	REVISED: -
	DATE: 01/20/2018	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
SUMMARY OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

BO RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	39
CONTRACT NO. 60NB7			ILLINOIS FED. AID PROJECT	

90% FED 10% STATE		90% FED 10% STATE		90% FED 10% STATE		90% FED 10% STATE		100% NEW LENOX FIRE PROTECTION DISTRICT		90% FED 10% STATE		80% FED 20% VILLAGE OF NEW LENOX	
ROADWAY 0003 URBAN		BRIDGE 0010 099-0068 & 099-0069		BOX CULVERT 0004 099-C030		TRAFFIC SIGNALS 0021		EVP 0021		HIGHWAY LIGHTING 0021		SHARED USE PATH 0028	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	BOX CULVERT	TRAFFIC SIGNALS	EVP	HIGHWAY LIGHTING	SHARED USE PATH
Z0015500	DEBRIS REMOVAL	L SUM	1		1					
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	10		10					
Z0018800	DRAINAGE SYSTEM	L SUM	1		1					
Z0022800	FENCE REMOVAL	FOOT	1,992	1,992						
Z0023500	FILLING EXISTING CULVERTS	CU YD	163	163						
Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	296	296						
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	11						11	
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	32						32	
Z0033052	COMMUNICATIONS VAULT	EACH	6	6						
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1				1			
Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	34,500	34,500						
Z0043698	PRECAST CONCRETE PANEL	50 FT	32	32						
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,211	837	374					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1						

* DENOTES SPECIALTY ITEM

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Clorba Group, Inc. CONSULTING ENGINEERS 1425 North Country Club Lane, Suite 402 Naperville, IL 60563 Tel: 708.715.1100 Fax: 708.715.1101 www.clorbagroup.com	ENGINEERING CONSULTANT	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE SUMMARY OF QUANTITIES				80	SECTION	COUNTY	TOTAL SHEET
	USER NAME: jspding	DRAWN -	REVISIONS -						80	99-4-1VB-1-R	WILL	840, 39A
	PLOT SCALE: 1/8" = 1'-0"	CHECKED -	REVISIONS -						CONTRACT NO. 60NB7			
	PLOT DATE: 6/7/2018	DATE: 01/20/2018	REVISIONS -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	90% FED 10% STATE	100% NEW LENOX FIRE PROTECTION DISTRICT	90% FED 10% STATE	80% FED 20% VILLAGE OF NEW LENOX		
				ROADWAY 0003 URBAN	BRIDGE 0010 099-0068 & 099-0069	BOX CULVERT 0004 099-C030	TRAFFIC SIGNALS 0021	EVP 0021	HIGHWAY LIGHTING 0021	SHARED USE PATH 0028		
Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT	225	225								
Z0062456	TEMPORARY PAVEMENT	50 YD	38,775	38,775								
Z0064800	SELECTIVE CLEARING	UNIT	675	675								
Z0067100	STEEL CASINGS 8"	FOOT	62				62					
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3				3					
Z0076600	TRAINEES	HOUR	2500	2500								
Z0076870	UNDERDRAIN CONNECTION TO STRUCTURE	EACH	99	99								
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2500	2500								
Z0076600	TRAINEES	HOUR	2500	2500								
Z0073346	SLEEPER SLAB	SQYD	590	590								

• DENOTES SPECIALTY ITEM
=0042

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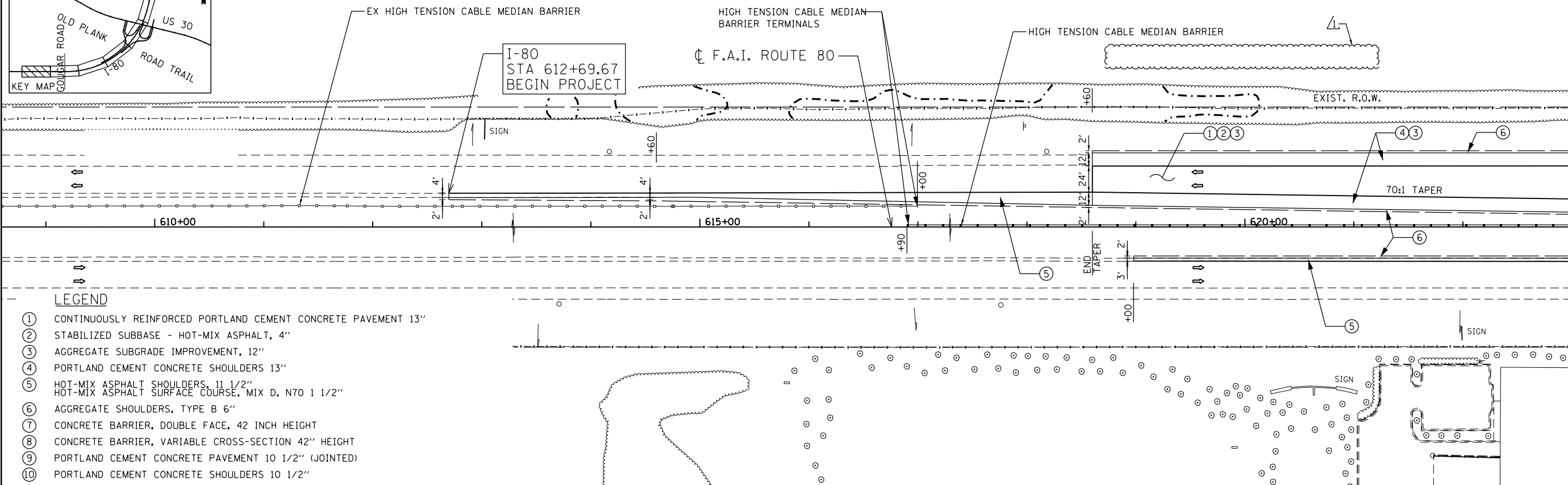
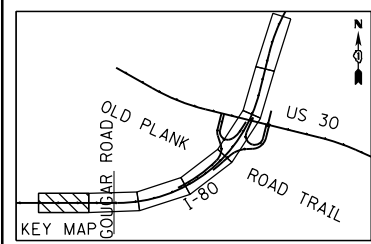
ENGINEERING CONSULTANT
Clifton Group, Inc.
 CONSULTING ENGINEERS
 200 North Commercial Street, Suite 400
 Chicago, Illinois 60610
 Tel: 312.329.1100 Fax: 312.329.1101
 www.cliftongroup.com

USER NAME: g00000	DESIGNED: -	REVISIONS:
	DRAWN: -	REVISIONS: -
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PLOT DATE: 6/7/2018	DATE: 01/20/2018	REVISIONS: -

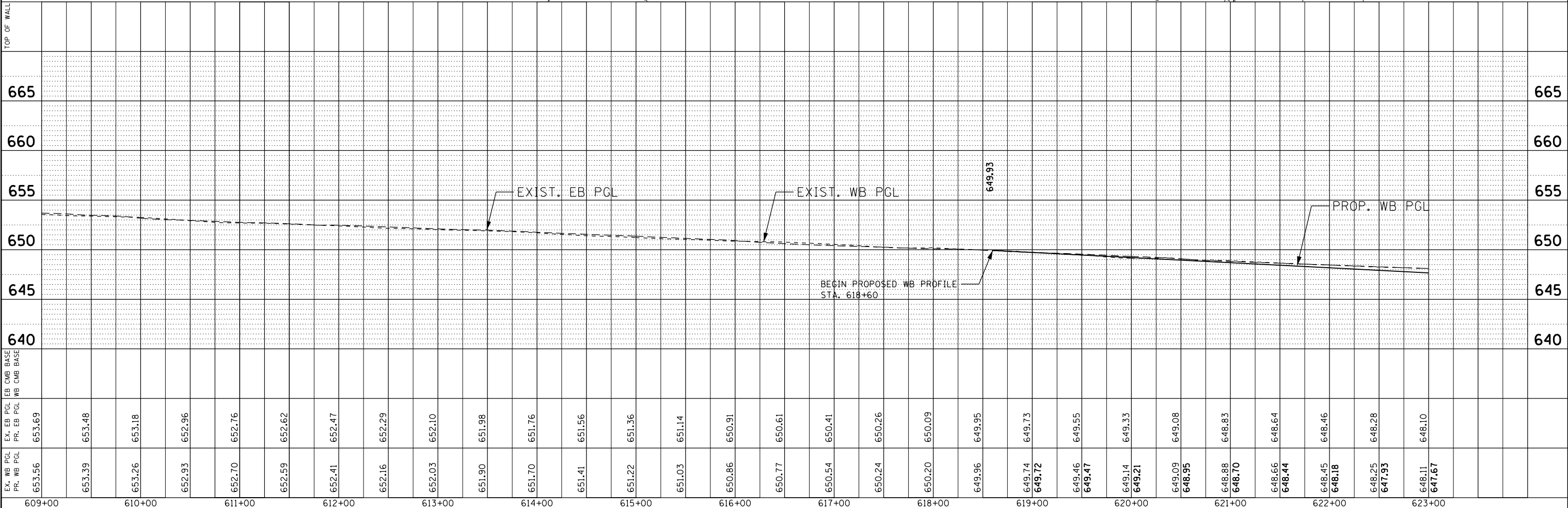
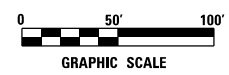
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
 SUMMARY OF QUANTITIES
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

80 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	398
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60NB7	



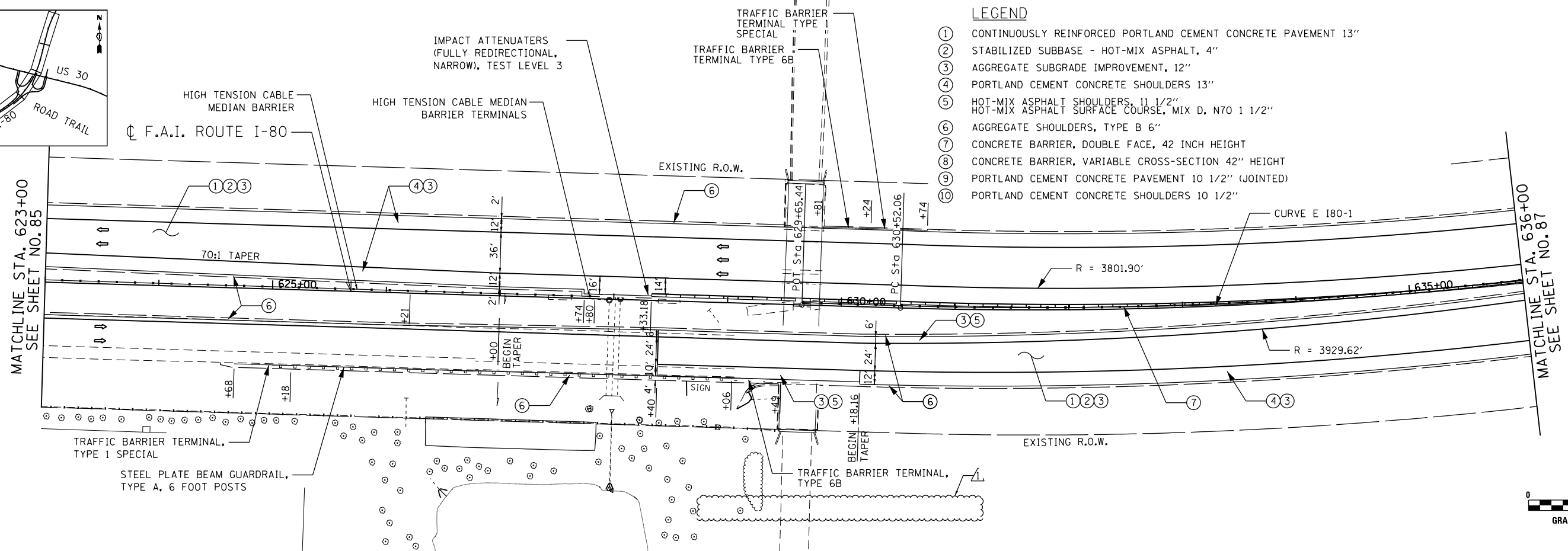
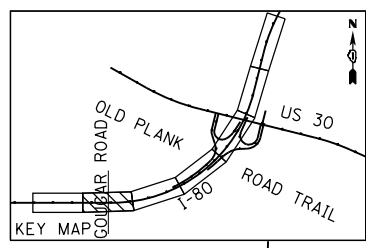
- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
 - ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
 - ⑦ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



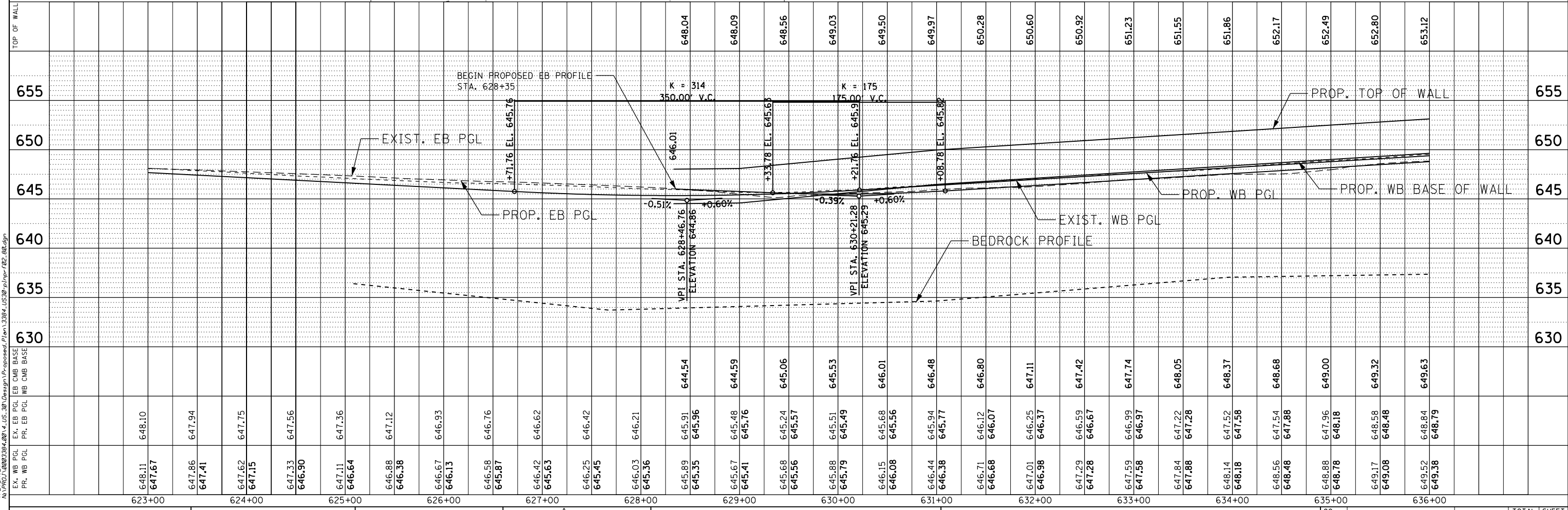
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609+00	653.56	653.69				
610+00	653.39	653.48				
611+00	653.26	653.18				
612+00	652.93	652.96				
613+00	652.70	652.76				
614+00	652.59	652.62				
615+00	652.41	652.47				
616+00	652.16	652.29				
617+00	652.03	652.10				
618+00	651.90	651.98				
619+00	651.70	651.76				
620+00	651.41	651.56				
621+00	651.22	651.36				
622+00	651.03	651.14				
623+00	650.86	650.91				
624+00	650.77	650.61				
625+00	650.54	650.41				
626+00	650.24	650.26				
627+00	650.20	650.09				
628+00	649.96	649.95				
629+00	649.74	649.73				
630+00	649.46	649.55				
631+00	649.47	649.47				
632+00	649.14	649.33				
633+00	649.21	649.21				
634+00	649.09	649.08				
635+00	648.95	648.95				
636+00	648.88	648.83				
637+00	648.70	648.70				
638+00	648.66	648.64				
639+00	648.45	648.46				
640+00	648.18	648.18				
641+00	648.25	648.28				
642+00	647.93	647.93				
643+00	648.11	648.10				
644+00	647.67	647.67				

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	PLOT DATE = 7/23/2018	CHECKED - #CHK_RDWY	REVISED -	SCALE: 1" = 50'		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60N87		
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
 - ⑥ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑦ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑧ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑩ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"



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ENGINEERING CONSULTANT
Clorba Group, Inc.
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60639
 Tel. 773.775.4009 Fax 773.775.4014
 Email: info@clorba.com

USER NAME = espino	DESIGNED - \$DES_RDWY	REVISED - 07/23/2018
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PLOT DATE = 7/23/2018	CHECKED - \$CHK_RDWY	REVISED -
	DATE - 01/20/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

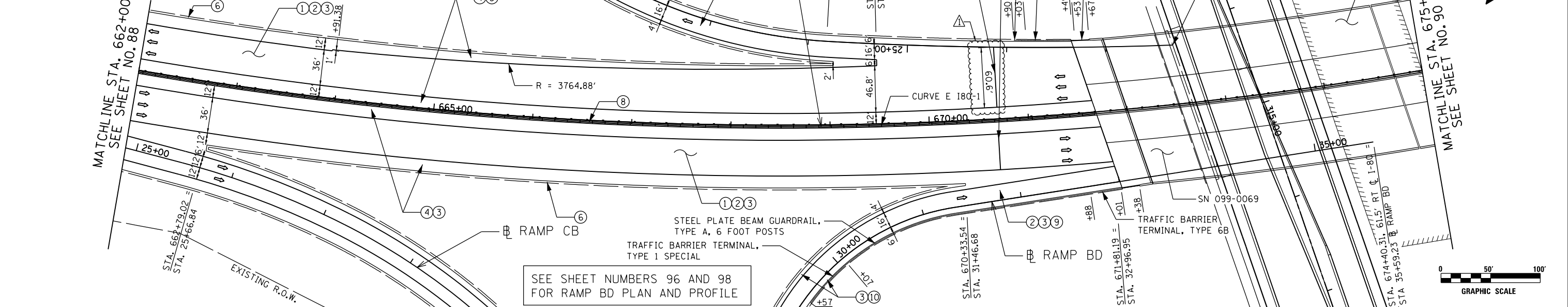
**F.A.I. 80 / US 30 INTERCHANGE
I-80 ROADWAY PLAN AND PROFILE**

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.

80	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	86
CONTRACT NO. 60N87				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

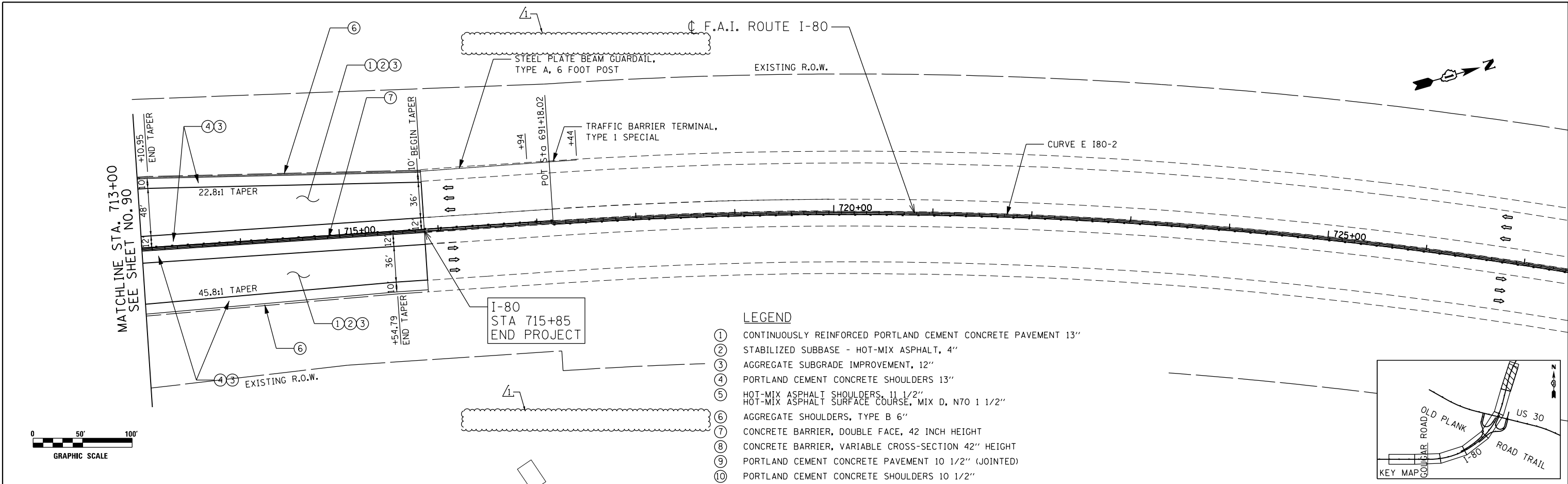
LEGEND

- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 1 1/2"
- ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
- ⑦ AGGREGATE SHOULDERS, TYPE B 6"
- ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
- ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"

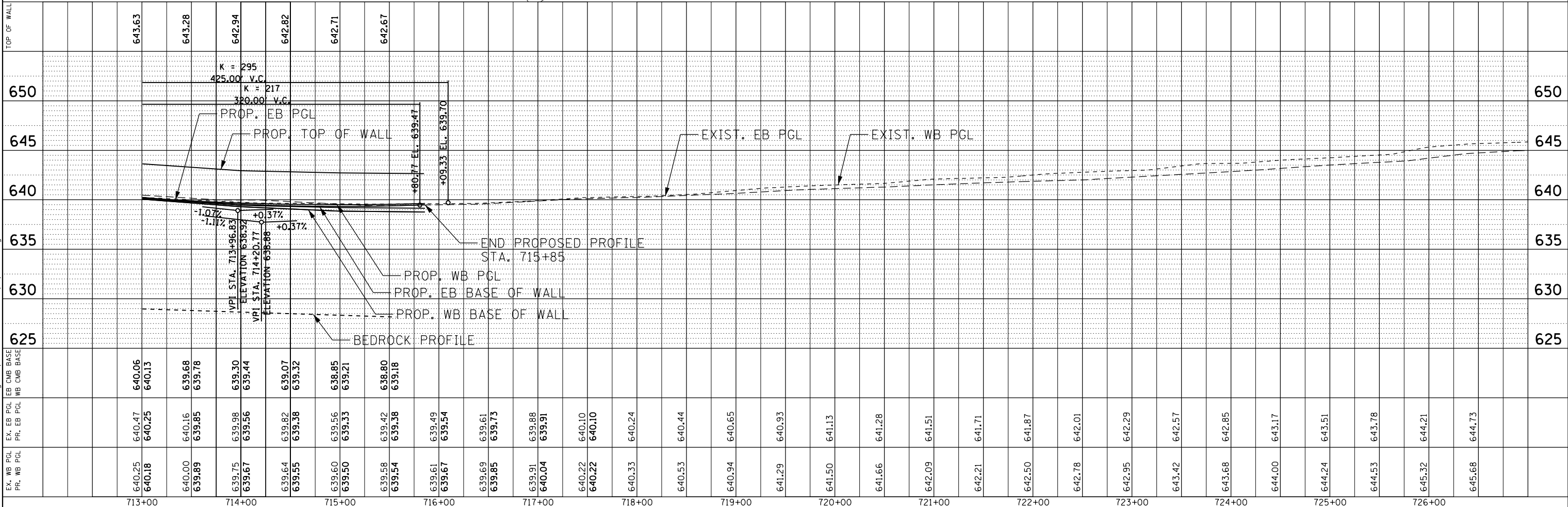
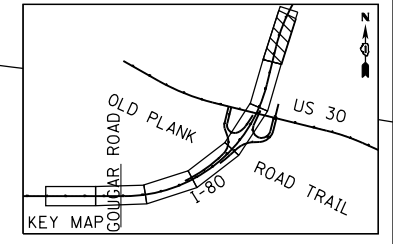


TOP OF WALL	640.50	641.08	641.65	642.22	642.80	643.38	643.95	644.53	645.10	645.68	646.26	646.81	647.35	647.83	648.31	648.73	649.15	649.25	649.35	649.45	649.55	649.64	649.74	649.84	649.94	650.04	650.14
650																											
645																											
640																											
635																											
630																											
625																											
EX. WB PCL	636.98	637.72	638.36	639.01	639.70	640.18	640.59	641.15	641.56	641.98	642.65	643.15	643.63	644.13	644.53	644.93	645.30	645.54	645.88	646.16	646.39	646.63	647.03	647.15	647.29	647.38	
EX. EB PCL	636.59	637.16	637.74	638.32	638.89	639.47	640.04	640.62	641.20	641.77	642.35	642.91	643.44	644.04	644.64	645.24	645.84	646.54	647.14	647.74	648.34	648.94	649.54	650.14	650.74	651.34	
PR. WB PCL	637.00	637.58	638.15	638.72	639.30	639.88	640.45	641.03	641.60	642.18	642.76	643.31	643.85	644.43	644.99	645.55	646.15	646.75	647.35	647.95	648.55	649.15	649.75	650.35	650.95	651.55	
PR. EB PCL	637.45	638.03	638.60	639.18	639.76	640.34	640.92	641.50	642.08	642.66	643.24	643.82	644.40	644.98	645.56	646.14	646.72	647.30	647.88	648.46	649.04	649.62	650.20	650.78	651.36	651.94	
EX. WB BASE	637.00	637.58	638.15	638.72	639.30	639.88	640.45	641.03	641.60	642.18	642.76	643.31	643.85	644.43	644.99	645.55	646.15	646.75	647.35	647.95	648.55	649.15	649.75	650.35	650.95	651.55	
EX. EB BASE	637.45	638.03	638.60	639.18	639.76	640.34	640.92	641.50	642.08	642.66	643.24	643.82	644.40	644.98	645.56	646.14	646.72	647.30	647.88	648.46	649.04	649.62	650.20	650.78	651.36	651.94	
PR. WB BASE	637.00	637.58	638.15	638.72	639.30	639.88	640.45	641.03	641.60	642.18	642.76	643.31	643.85	644.43	644.99	645.55	646.15	646.75	647.35	647.95	648.55	649.15	649.75	650.35	650.95	651.55	
PR. EB BASE	637.45	638.03	638.60	639.18	639.76	640.34	640.92	641.50	642.08	642.66	643.24	643.82	644.40	644.98	645.56	646.14	646.72	647.30	647.88	648.46	649.04	649.62	650.20	650.78	651.36	651.94	

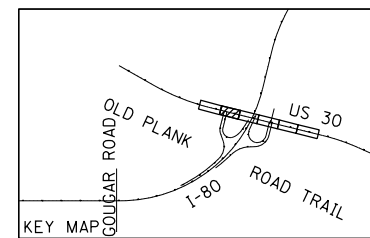
<p>Clorba Group, Inc. CONSULTING ENGINEERS 8007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60639 Tel. 773.775.4009 Fax 773.775.4014 Email: info@clorba.com</p>	USER NAME = espina PLOT SCALE = 100.0000' / 1"	DESIGNED - #DES_RDWY DRAWN - #DRAWN_RDWY CHECKED - #CHK_RDWY DATE - 01/20/2018	REVISED - 07/23/2018 REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 80 / US 30 INTERCHANGE I-80 ROADWAY PLAN AND PROFILE	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.	SECTION 99-4-1VB-1-R COUNTY WILL TOTAL SHEETS 840 SHEET NO. 89 CONTRACT NO. 60N87
	ENGINEERING CONSULTANT	REVISED -	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. TO STA.			COUNTY WILL TOTAL SHEETS 840 SHEET NO. 89 CONTRACT NO. 60N87	



- LEGEND**
- ① CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"
 - ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
 - ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ④ PORTLAND CEMENT CONCRETE SHOULDERS 13"
 - ⑤ HOT-MIX ASPHALT SHOULDERS, 11 1/2"
 - ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70 1 1/2"
 - ⑦ AGGREGATE SHOULDERS, TYPE B 6"
 - ⑧ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
 - ⑨ CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT
 - ⑩ PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
 - ⑪ PORTLAND CEMENT CONCRETE SHOULDERS 10 1/2"

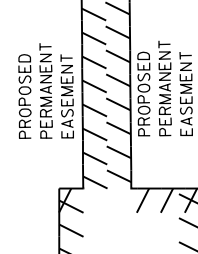


STATION	EX. WB PCL	EX. EB PCL	PR. WB PCL	PR. EB PCL	EX. WB CMB BASE	EX. EB CMB BASE	PR. WB CMB BASE	PR. EB CMB BASE
713+00	640.25	640.47	640.18	640.25	640.06	640.13		
714+00	640.00	640.16	639.89	639.85	639.68	639.78		
715+00	639.75	639.98	639.67	639.56	639.30	639.44		
716+00	639.64	639.82	639.55	639.38	639.07	639.32		
717+00	639.60	639.56	639.50	639.33	638.85	639.21		
718+00	639.58	639.42	639.54	639.38	638.80	639.18		
719+00	639.61	639.49	639.67	639.54	639.61	639.54		
720+00	639.69	639.61	639.85	639.73	639.69	639.61		
721+00	639.91	639.88	640.04	639.91	639.91	639.88		
722+00	640.22	640.10	640.22	640.10	640.10	640.10		
723+00	640.33	640.24	640.33	640.24	640.24	640.24		
724+00	640.53	640.44	640.53	640.44	640.44	640.44		
725+00	640.94	640.65	640.94	640.65	640.65	640.65		
726+00	641.29	640.93	641.29	640.93	640.93	640.93		
	641.50	641.13	641.50	641.13	641.13	641.13		
	641.66	641.28	641.66	641.28	641.28	641.28		
	642.09	641.51	642.09	641.51	641.51	641.51		
	642.21	641.71	642.21	641.71	641.71	641.71		
	642.50	641.87	642.50	641.87	641.87	641.87		
	642.78	642.01	642.78	642.01	642.01	642.01		
	642.95	642.29	642.95	642.29	642.29	642.29		
	643.42	642.57	643.42	642.57	642.57	642.57		
	643.68	642.85	643.68	642.85	642.85	642.85		
	644.00	643.17	644.00	643.17	643.17	643.17		
	644.24	643.51	644.24	643.51	643.51	643.51		
	644.53	643.78	644.53	643.78	643.78	643.78		
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	645.68	644.73	645.68	644.73	644.73	644.73		



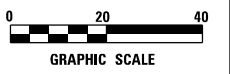
US ROUTE 30

EXISTING R.O.W.



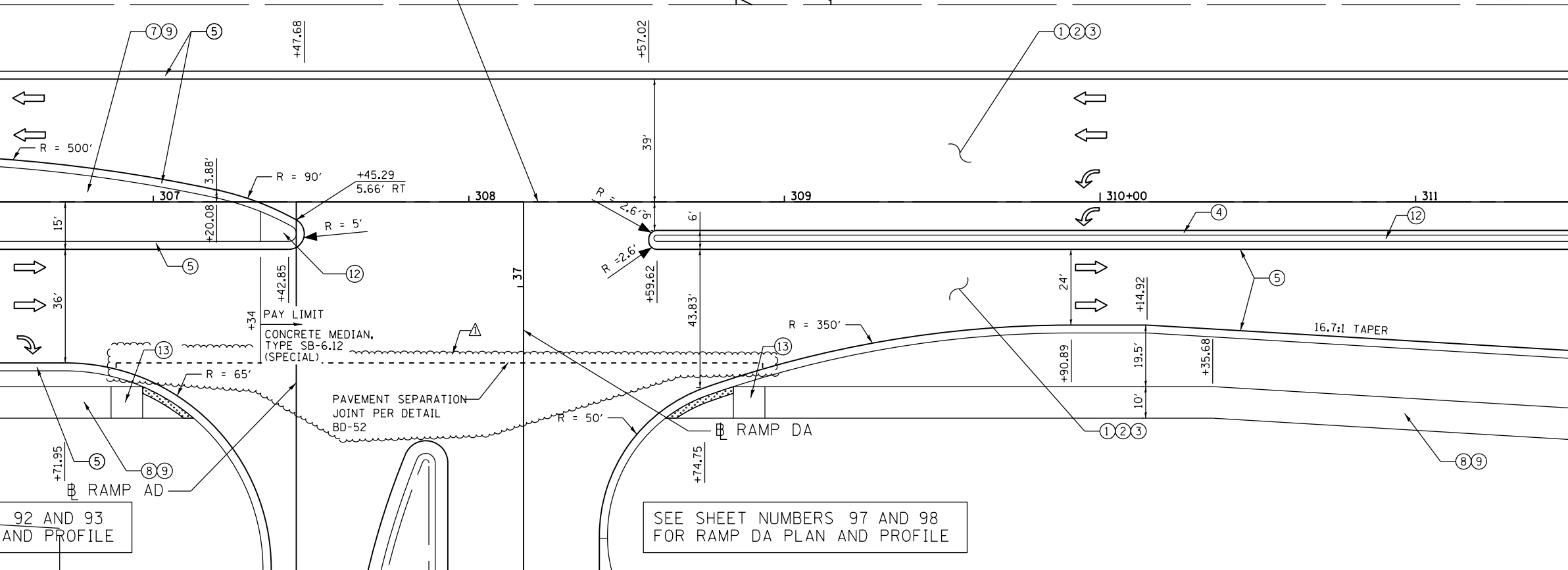
LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑦ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑨ SUBBASE GRANULAR MATERIAL, 6"
- ⑩ AGGREGATE SHOULDERS, TYPE B 6"
- ⑪ CONCRETE CURB TRANSITION
- ⑫ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



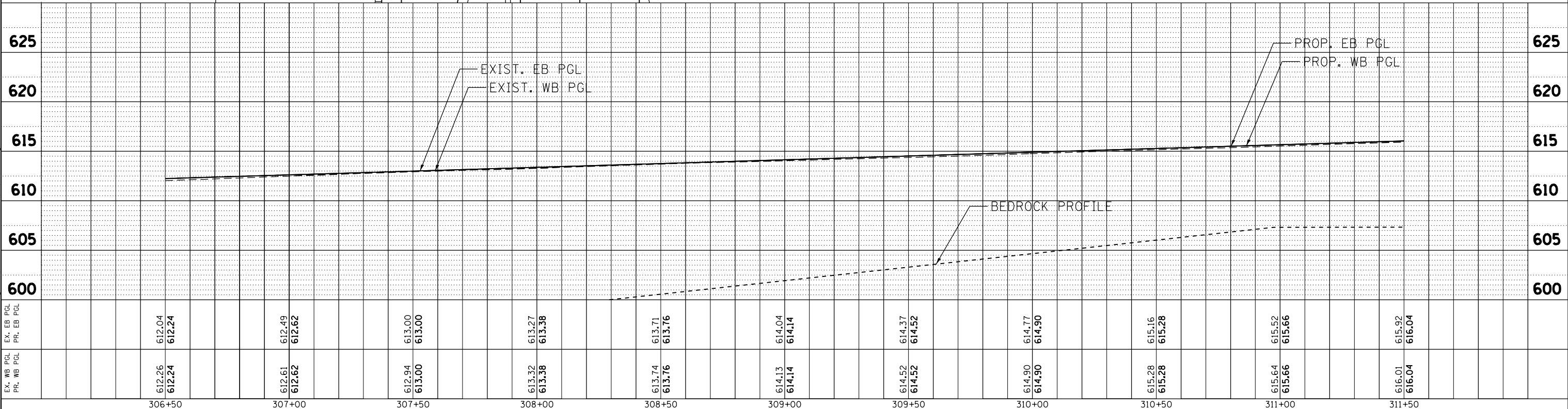
MATCHLINE STA. 306+50
SEE SHEET NO.100

MATCHLINE STA. 311+50
SEE SHEET NO.102



SEE SHEET NUMBERS 92 AND 93
FOR RAMP AD PLAN AND PROFILE

SEE SHEET NUMBERS 97 AND 98
FOR RAMP DA PLAN AND PROFILE



612.26	612.04	612.49	613.00	613.32	613.74	614.13	614.52	614.90	615.28	615.64	616.01	612.24	612.24	612.62	613.00	613.38	613.76	614.14	614.52	614.90	615.28	615.66	616.04
306+50	307+00	307+50	308+00	308+50	309+00	309+50	310+00	310+50	311+00	311+50		306+50	307+00	307+50	308+00	308+50	309+00	309+50	310+00	310+50	311+00	311+50	

ENGINEERING CONSULTANT

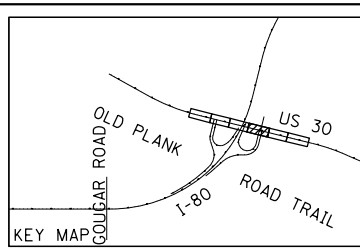
 CONSULTING ENGINEERS
 8007 North Cumberland Avenue, Suite 402
 Chicago, Illinois 60656
 Tel. 773.775.4009 Fax 773.775.4014
 Email: chicago@clorba.com

USER NAME = espino	DESIGNED - JMK	REVISED - 07/23/2018
DRAWN - JMK	REVISIONS	
CHECKED - MJL	REVISIONS	
DATE - 01/20/2018	REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**F.A.I. 80 / US 30 INTERCHANGE
US 30 ROADWAY PLAN AND PROFILE**

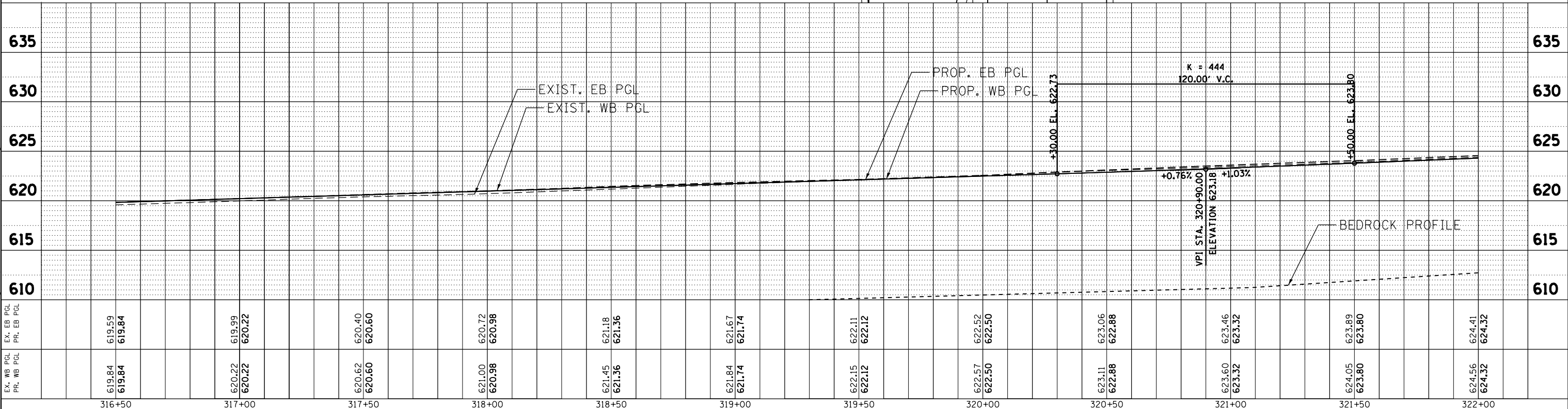
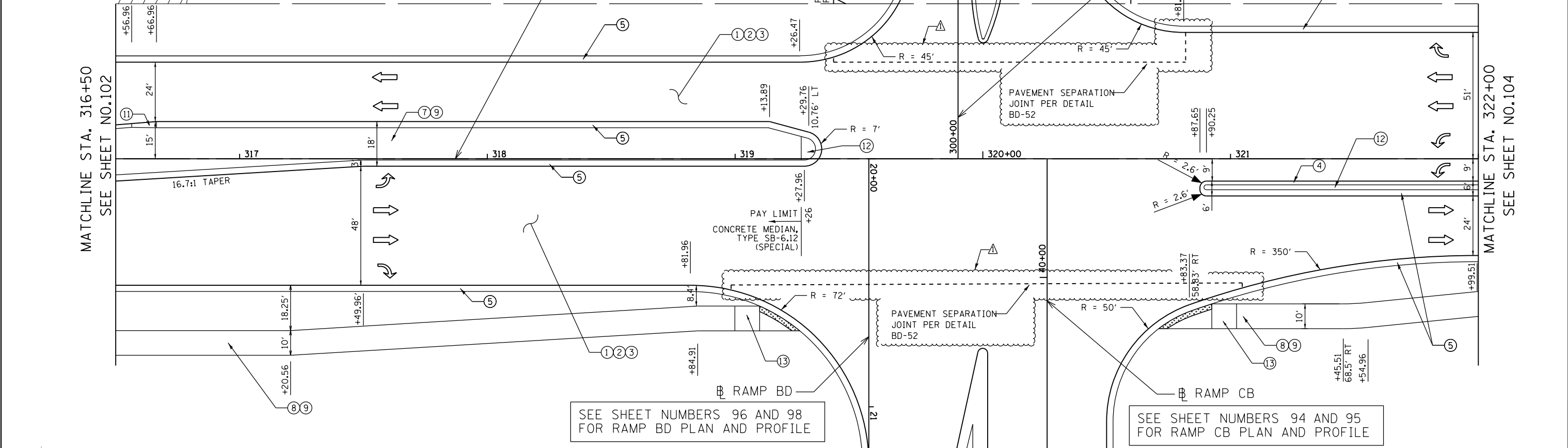
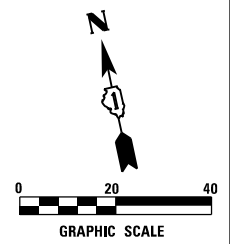
F.A.I. RTE. 80	SECTION 99-4-1VB-1-R	COUNTY WILL	TOTAL SHEETS 840	SHEET NO. 101
CONTRACT NO. 60N87				



LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED)
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12
- ⑦ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- ⑨ SUBBASE GRANULAR MATERIAL, 6"
- ⑩ AGGREGATE SHOULDERS, TYPE B 6"
- ⑪ CONCRETE CURB TRANSITION
- ⑫ CONCRETE MEDIAN, TYPE SB (SPECIAL)
- ⑬ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

SEE SHEET NUMBERS 107 FOR OLD HICKORY ROAD PLAN AND PROFILE



STATION	EXIST. EB PGL	EXIST. WB PGL	PROP. EB PGL	PROP. WB PGL
316+50	619.84	619.84	619.59	619.84
317+00	620.22	620.22	619.99	620.22
317+50	620.62	620.60	620.40	620.60
318+00	621.00	620.98	620.72	620.98
318+50	621.45	621.36	621.18	621.36
319+00	621.84	621.74	621.67	621.74
319+50	622.15	622.12	622.11	622.12
320+00	622.57	622.50	622.52	622.50
320+50	623.11	622.88	623.06	622.88
321+00	623.60	623.32	623.46	623.32
321+50	624.05	623.80	623.89	623.80
322+00	624.56	624.32	624.41	624.32

ENGINEERING CONSULTANT
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 CONSULTING ENGINEERS
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 Tel. 773.775.4009 Fax 773.775.4014
 Email: chicago@clorba.com

USER NAME = espino	DESIGNED - JMK	REVISED - 07/23/2018
PLOT SCALE = 40.0000' / 1"	DRAWN - JMK	REVISED -
PLOT DATE = 7/22/2018	CHECKED - MJL	REVISED -
	DATE - 01/20/2018	REVISED -

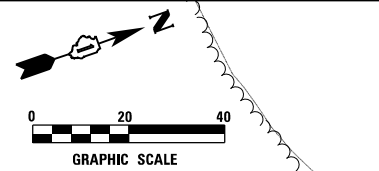
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. 80 / US 30 INTERCHANGE
US 30 ROADWAY PLAN AND PROFILE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60N87			ILLINOIS FED. AID PROJECT	

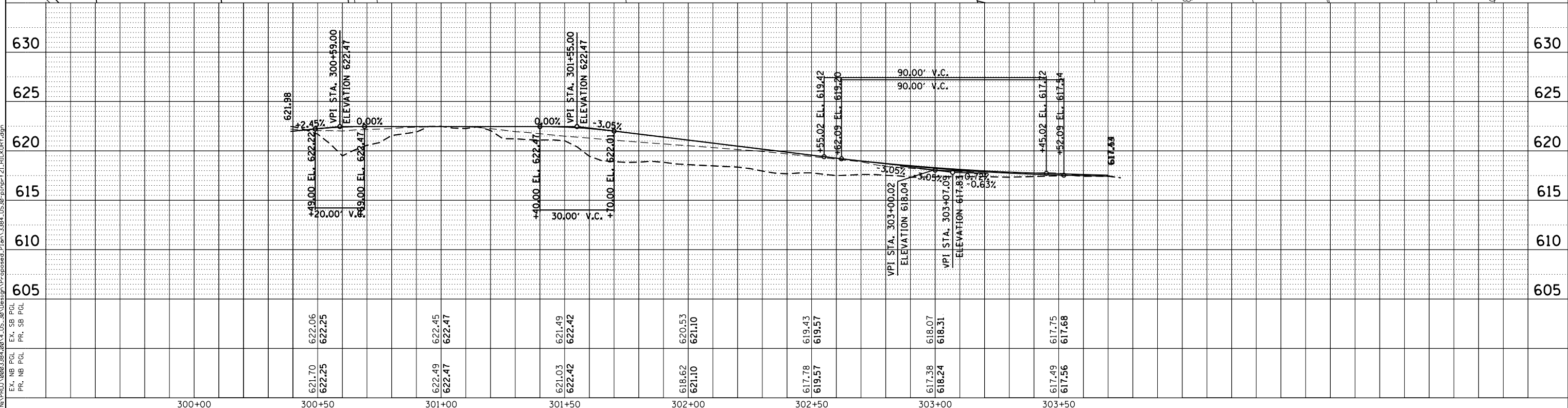
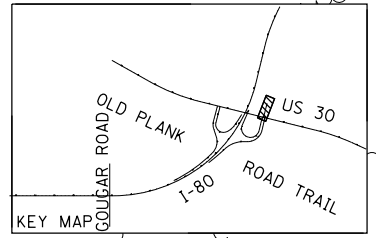
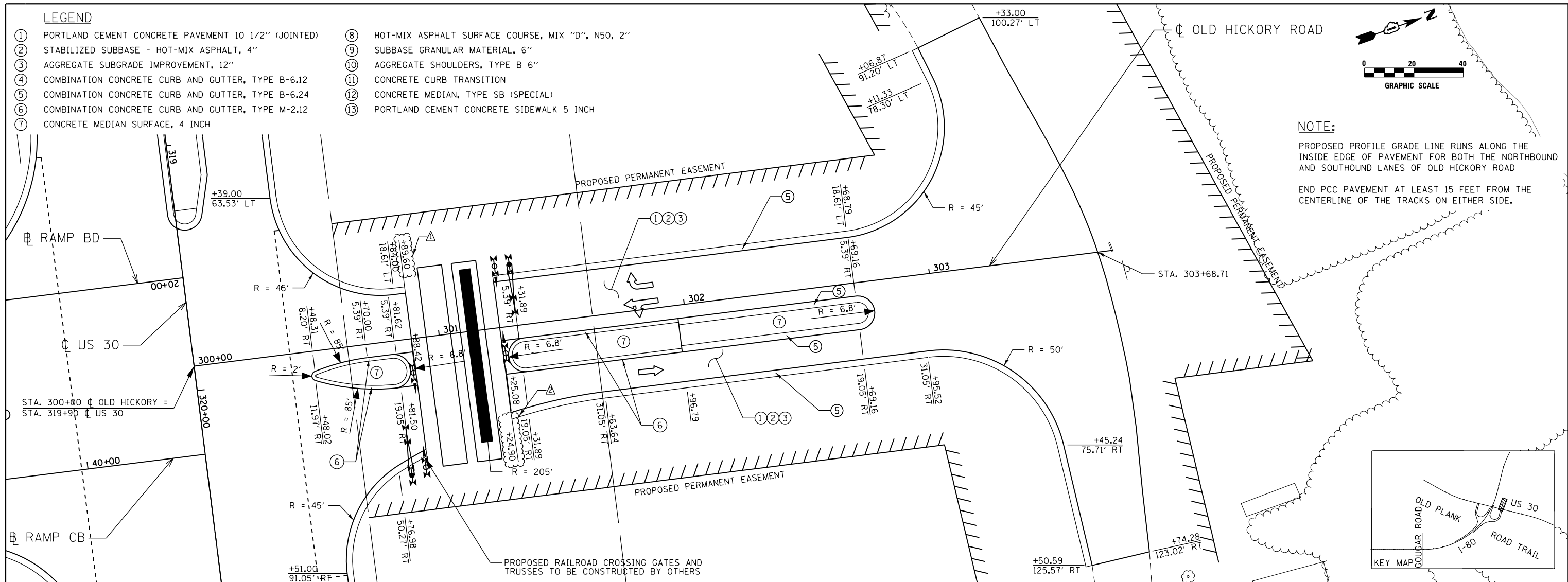
LEGEND

- | | |
|---|--|
| ① PORTLAND CEMENT CONCRETE PAVEMENT 10 1/2" (JOINTED) | ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" |
| ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" | ⑨ SUBBASE GRANULAR MATERIAL, 6" |
| ③ AGGREGATE SUBGRADE IMPROVEMENT, 12" | ⑩ AGGREGATE SHOULDERS, TYPE B 6" |
| ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | ⑪ CONCRETE CURB TRANSITION |
| ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 | ⑫ CONCRETE MEDIAN, TYPE SB (SPECIAL) |
| ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.12 | ⑬ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH |
| ⑦ CONCRETE MEDIAN SURFACE, 4 INCH | |



NOTE:

PROPOSED PROFILE GRADE LINE RUNS ALONG THE INSIDE EDGE OF PAVEMENT FOR BOTH THE NORTHBOUND AND SOUTHBOUND LANES OF OLD HICKORY ROAD
 END PCC PAVEMENT AT LEAST 15 FEET FROM THE CENTERLINE OF THE TRACKS ON EITHER SIDE.



ENGINEERING CONSULTANT	USER NAME = espina	DESIGNED - JMK	REVISED - 07/23/2018	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.I. 80 / US 30 INTERCHANGE OLD HICKORY ROADWAY PLAN AND PROFILE		F.A.I. RTE. = 80	SECTION = 99-4-1VB-1-R	COUNTY = WILL	TOTAL SHEETS = 840	SHEET NO. = 107
Clorba Group, Inc. CONSULTING ENGINEERS 8007 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656 Tel. 773.775.4009 Fax 773.775.4014 Email: cng@clorba.com	PLOT SCALE = 40.0000' / 1"	CHECKED - MJL	REVISED -					CONTRACT NO. 60N87				
	PLOT DATE = 7/22/2018	DATE = 01/20/2018	REVISED -					ILLINOIS FED. AID PROJECT				
								SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. TO STA.	REV. 7/23/18	

Benchmark: B.M. #6 - Chiseled "C" in base of traffic control box on north side of US-30 across from EB I-80 ramps. Sta. 671+94, offset 766' LT, Elev. 612.38

Existing Structures: S.N. 099-0068 (WB) and S.N. 099-0069 (EB) Built under Sec. 99-4-IVB-1 in 1964; superstructure replaced and substructure widened under Sec. 99 (5.5-1:5VB R) and Sec. 99-4-IVB-1-BR in 1996. Superstructure consists of three (3) continuous 3-span segments separated by expansion joints over Piers 3 and 6. Superstructure consists of a curved R.C. deck on curved W33 beams (composite). 50'-2" and varies o-o deck, 629'-8 1/4" bk. to bk. of abut. EB, 42'-2" and widens to 55'-8 1/4" o-o deck, 616'-10 1/2" bk. to bk. of abut. WB. Substructure consists of multi-column piers and pile-bent abutments. Existing structure to be removed and replaced in Spans 1-3, and widened in Spans 4-9. Two lanes of traffic in each direction to be maintained using stage construction.

DESIGN STRESSES

EXISTING CONDITIONS
 $f'_c = 1,400$ psi (1964 Substructure)
 $f'_c = 3,500$ psi (1996 Deck and Substr.)
 $f_y = 40,000$ psi (1964 Reinforcement)
 $f_y = 60,000$ psi (1996 Reinforcement)
 $f_y = 36,000$ psi (Exist. M270 Grade 36)

FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)

LOADING HS-20 & ALT.

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

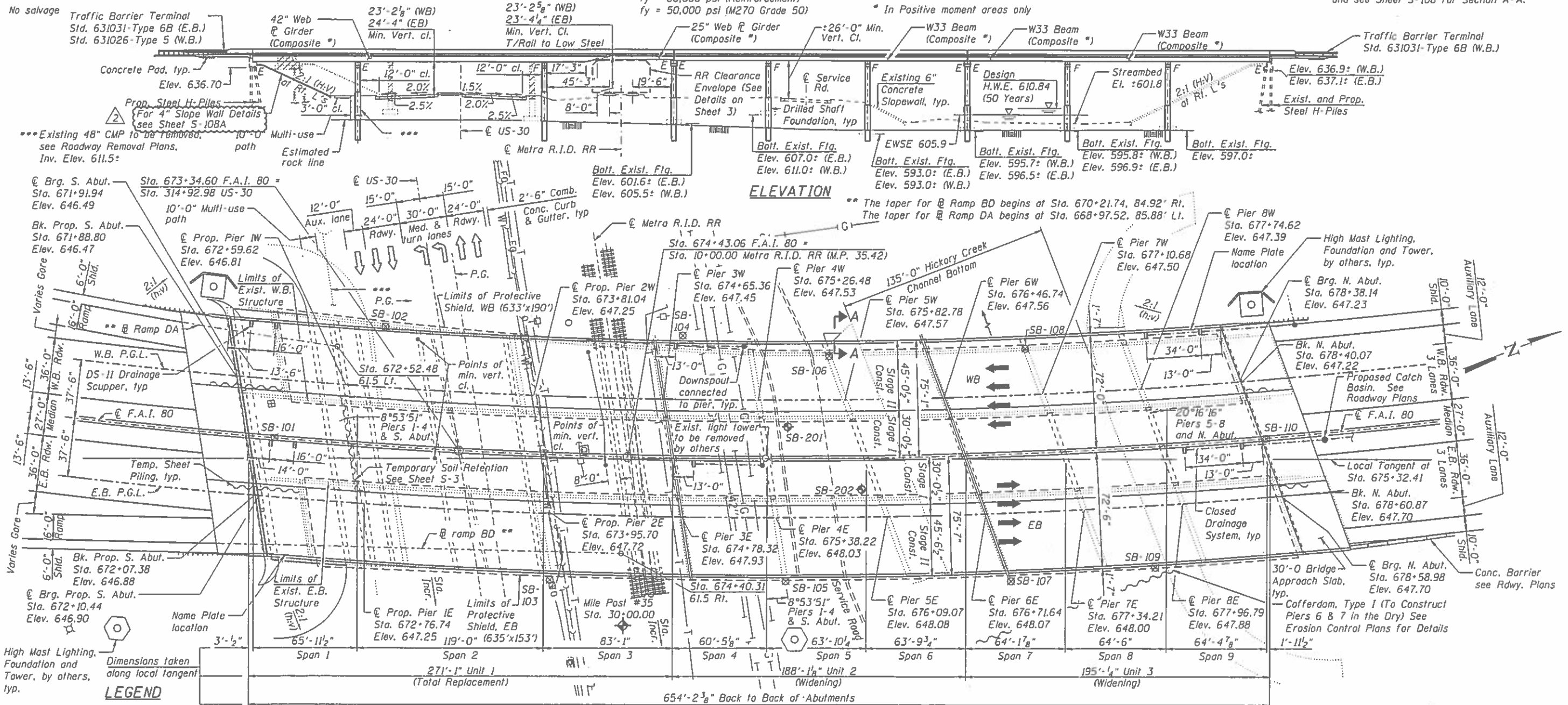
Seismic Performance Category (SPC) = A
 Bedrock Acceleration Coefficient (A) = 0.04g
 Site Coefficient (S) = 1.0

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition
 (For both Widening and Total Replacement)
 2003 AASHTO Guide Specifications for Horizontally Curved Highway Bridges

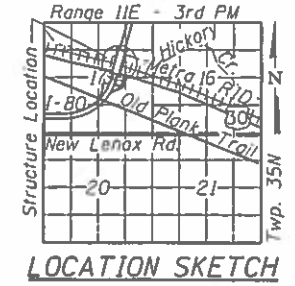
NOTES

- No Free Fall deck drains will be permitted in the span over the tracks or within 10 feet of cross arms of a railroad pole line.
- See Sheet S-2 for scope of work, water information table, design scour elevation table, Sheet S-3 for offset sketch, horizontal curve data, I-80 profile grades, US-30 profile grades, and top of track elevations and see Sheet S-108 for Section A-A.



- LEGEND**
- Existing Soil Boring Location (old)
 - Soil Boring Location (new)
 - Indicates removal
 - E.B. Eastbound
 - W.B. Westbound
 - R.I.D. Rock Island District
 - Underground Telephone Line
 - Underground Fiber Optic Line
 - Underground Water Line 12"
 - Underground Gas Line
 - Underground Gas Line 6"
 - Underground Gas Line 42"
 - Underground Sanitary Sewer

APPROVED
 For Structural Adequacy Only
[Signature]
 Engineer of Bridges & Structures



GENERAL PLAN & ELEVATION
I-80 OVER US-30, METRA R.I.D. AND HICKORY CR.
F.A.I. RTE. 80 - SEC. 99-4-IVB-1-R
WILL COUNTY
STATION 675+32.41
S.N. 099-0068 (W.B.) & 099-0069 (E.B.)

USER NAME - keisneros	DESIGNED - AMK	REVISED - 7/17/2018
PLLOT SCALE = 64.000000' / 1"	CHECKED - BWS/DL	REVISED -
PLLOT DATE = 7/17/2018	DRAWN - RD	REVISED -
	CHECKED - BWS/DL	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

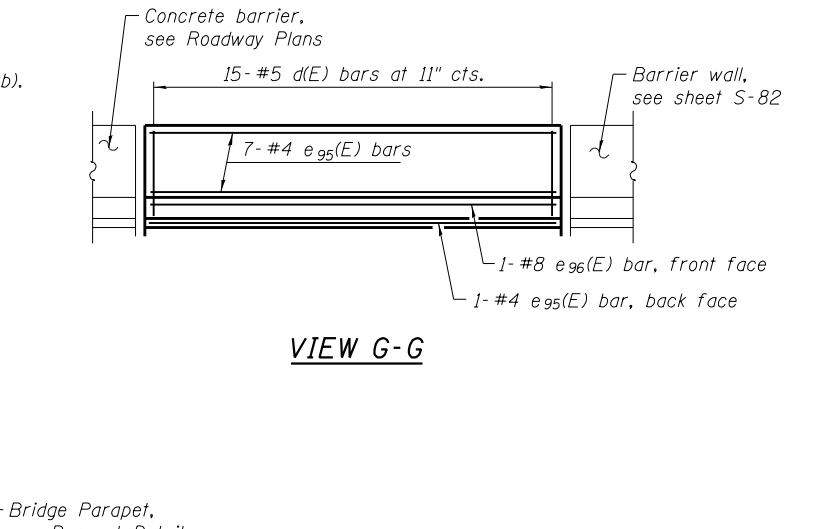
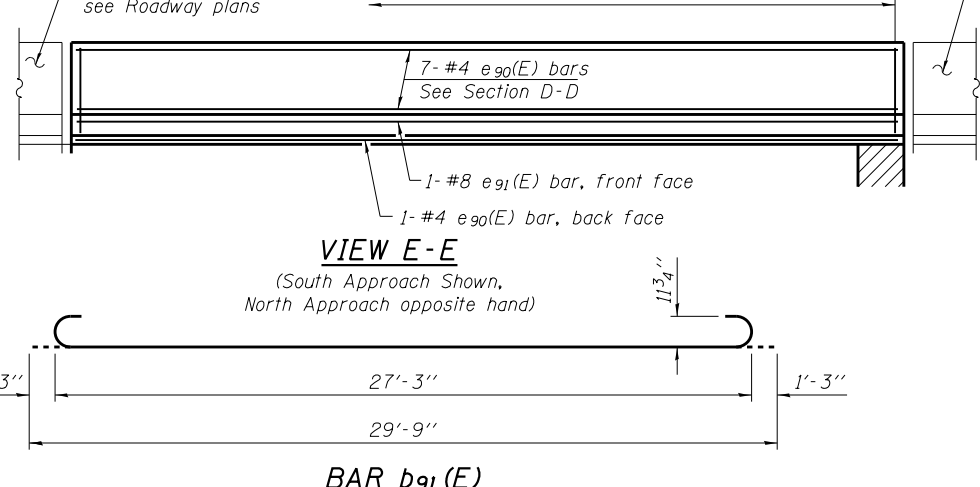
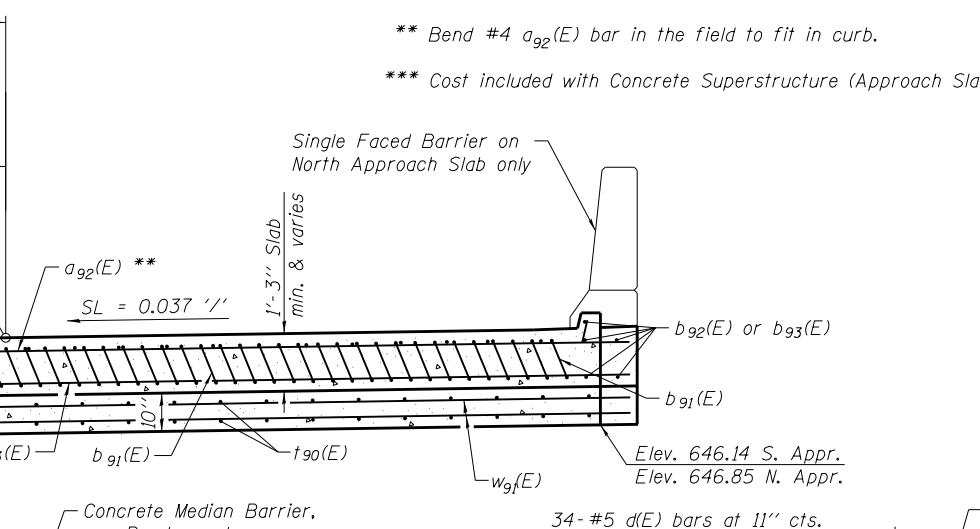
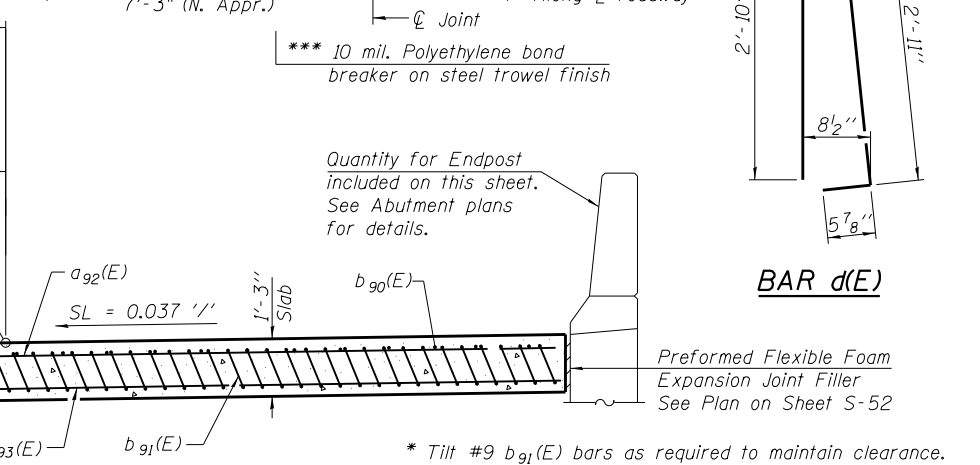
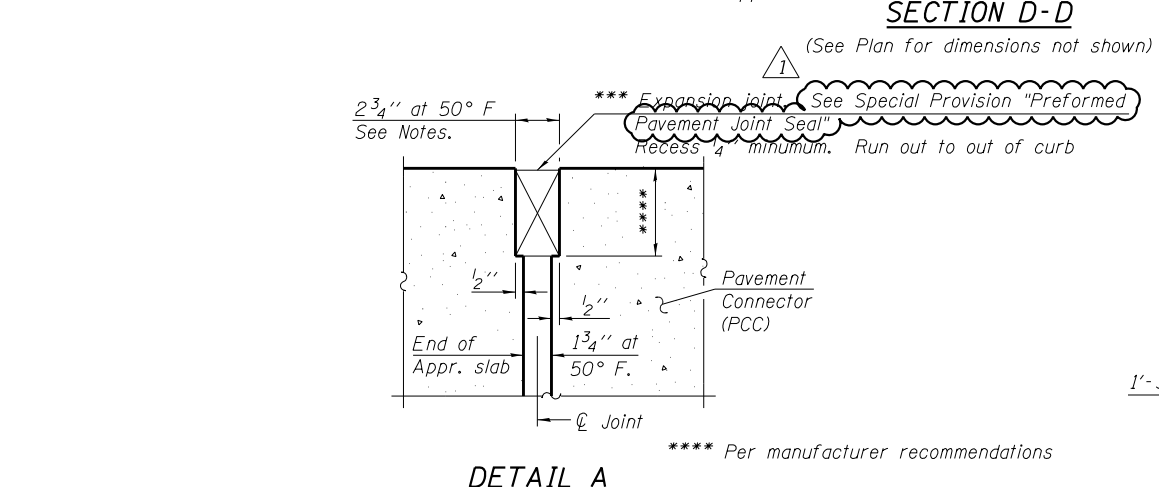
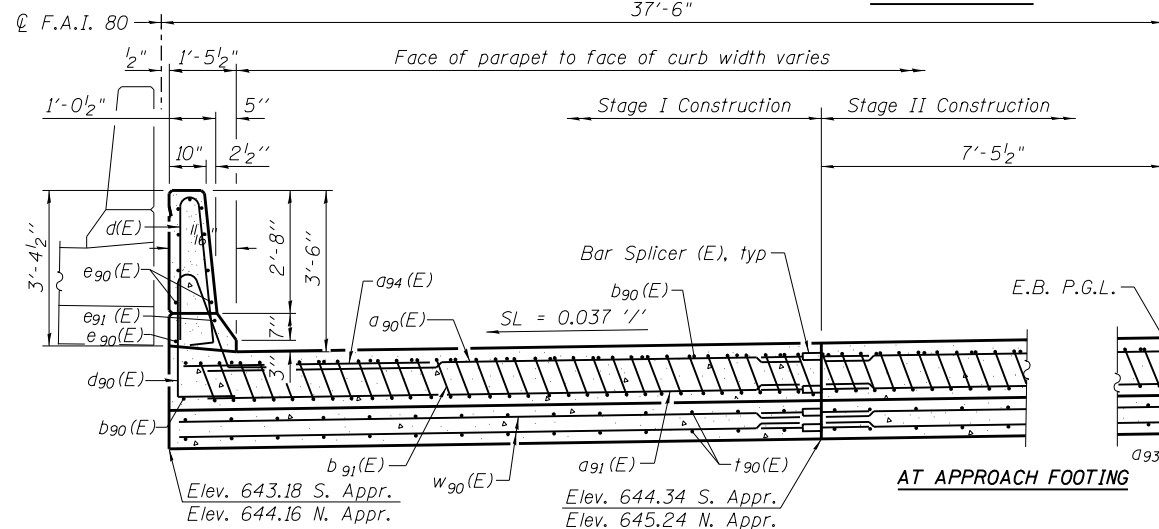
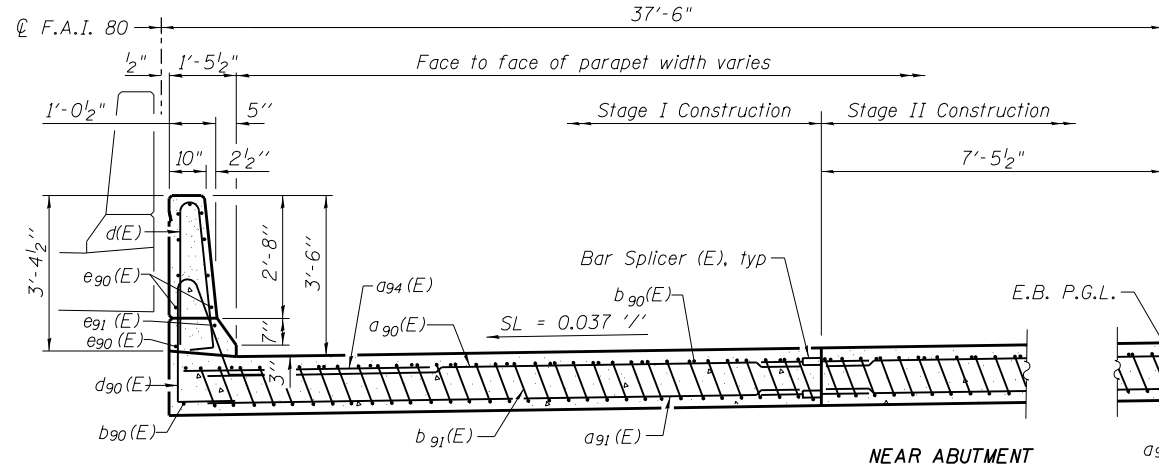
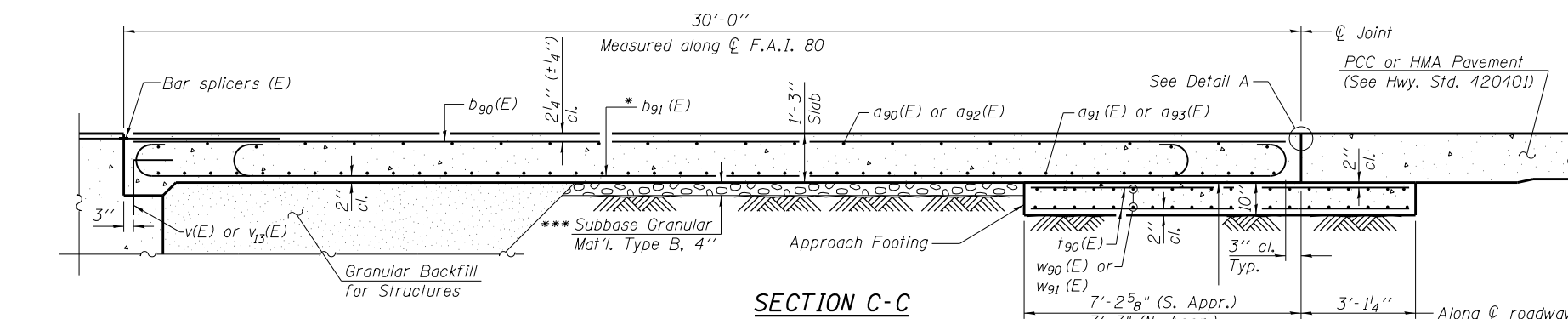
DATE: 7/17/2018
 SHEET NO. 5-1 OF 5-118 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-IVB-1-R	WILL	840	476
			CONTRACT NO.	60N87
ILLINOIS FED. AID PROJECT				

A REV SHEET 7/17/18

TWO EB APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a90(E)	50	# 4	30'-7"	
a91(E)	92	# 5	30'-7"	
a92(E)	100	# 4	25'-5"	
a93(E)	184	# 5	25'-7"	
a94(E)	59	# 6	6'-6"	
b90(E)	119	# 4	29'-8"	
b91(E)	352	# 9	29'-9"	
b92(E)	3	# 4	17'-5"	
b93(E)	4	# 4	12'-6"	
d(E)	83	# 5	5'-7"	
d90(E)	83	# 5	7'-11"	
e90(E)	16	# 4	30'-2"	
e91(E)	2	# 8	30'-2"	
e95(E)	8	# 4	12'-0"	
e96(E)	1	# 8	12'-0"	
w90(E)	80	# 5	30'-7"	
w91(E)	160	# 5	25'-7"	
t90(E)	308	# 4	10'-0"	
Concrete Superstructure (Approach Slab)				Cu. Yd. 211.1
Concrete Superstructure				Cu. Yd. 13.6
Concrete Structures				Cu. Yd. 48.8
Reinforcement Bars, Epoxy Coated				Pound 59,500



Notes:
 Parapet concrete shall be paid for as Concrete Superstructure.
 Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For v(E) and v3(E) bar details, see sheets S-78 and S-81 respectively.
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 For bar splicer details, see sheet S-110.
 Cost of excavation for approach footing included with Concrete Structures.
 For Granular Backfill for Structures and drainage treatment details, see sheets S-79 and S-81.
 For additional parapet details, see sheet S-35.
 The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach pavement.

N:\PROJ\10003384\004\US_30\Design\Structural\CAD\3384_53 Eastbound Bridge Approach Slab Details - 2.Rev1.dgn
 10/23/2018 10:52:00 AM
 3384_53 Eastbound Bridge Approach Slab Details - 2.Rev1.dgn

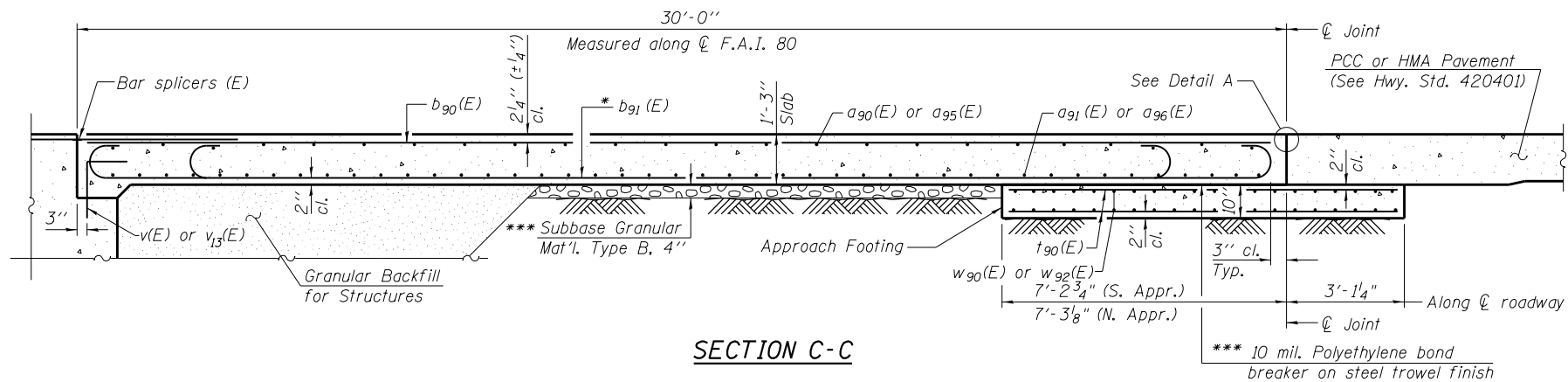
Clorba Group, Inc.
 CONSULTING ENGINEERS
 650 North Cass Street
 Suite 402, Chicago, Illinois 60654
 Tel: 312.724.4000
 Fax: 312.724.4014
 Email: clorba@clorba.com

USER NAME = kaisneros	DESIGNED - AMK	REVISED - 1/ 7/23/2018
PLOT SCALE = 0:2.0000' = 1"	CHECKED - MHT	REVISED -
PLOT DATE = 7/20/2018	DRAWN - RD	REVISED -
	CHECKED - MHT	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

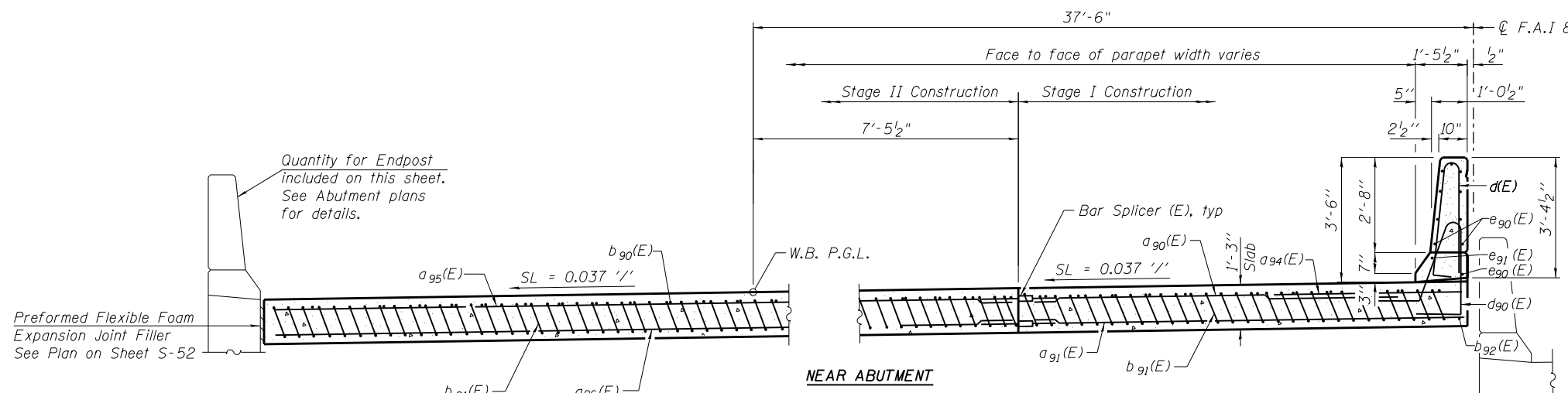
EASTBOUND BRIDGE APPROACH SLAB DETAILS - 2
S.N. 099-0068 (W.B.) & 099-0069 (E.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	528
				CONTRACT NO. 60N87

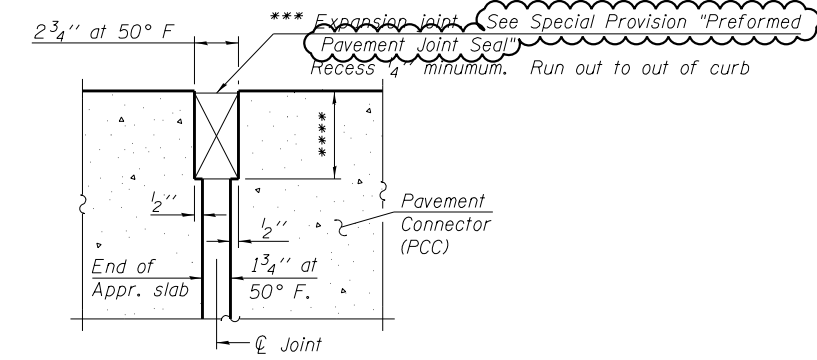


SECTION C-C

Notes:
 Parapet concrete shall be paid for as Concrete Superstructure.
 Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For v(E) and v13(E) bar details, see sheets S-78 and S-81 respectively.
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
 For bar splicer details, see sheet S-110.
 Cost of excavation for approach footing included with Concrete Structures.
 For Granular Backfill for Structures and drainage treatment details, see sheets S-79 and S-81.
 For details of bars d(E), d90(E) and b91(E), see Sheet S-53.
 For additional parapet details, see sheet S-35.
 The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach pavement.

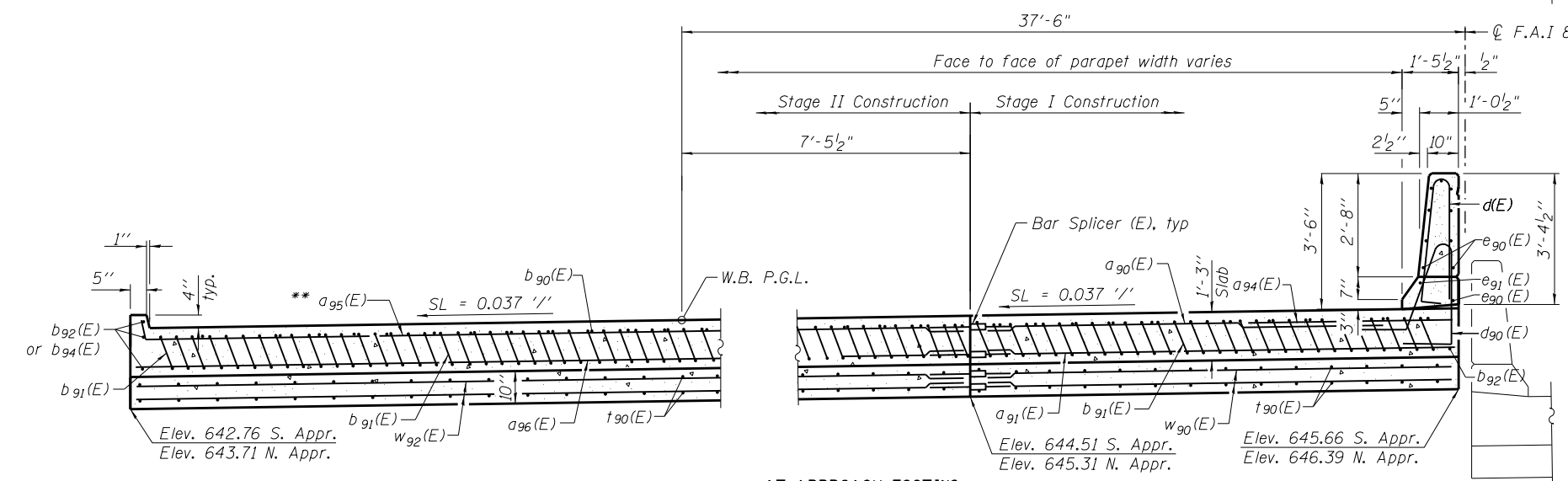


NEAR ABUTMENT



DETAIL A

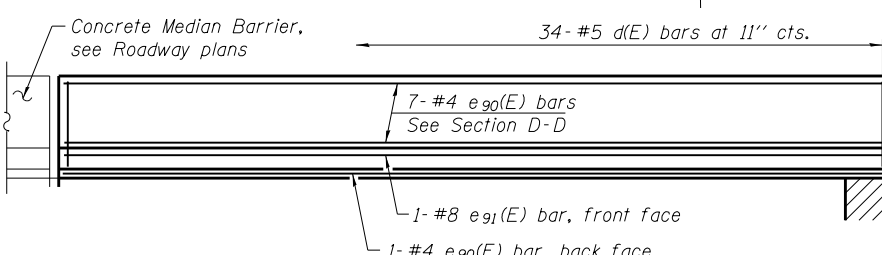
**** Per manufacturer recommendations



AT APPROACH FOOTING

SECTION D-D

(See Plan for dimensions not shown)



VIEW E-E

(North Approach shown, South Approach opposite hand)

**TWO WB APPROACHES
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a90(E)	50	# 4	30'-7"	—
a91(E)	92	# 5	30'-7"	—
a94(E)	48	# 6	6'-6"	—
a95(E)	100	# 4	24'-9"	—
a96(E)	184	# 5	24'-11"	—
b90(E)	118	# 4	29'-8"	—
b91(E)	352	# 9	29'-9"	—
b92(E)	3	# 4	17'-5"	—
b94(E)	3	# 4	17'-8"	—
d(E)	68	# 5	5'-7"	—
d90(E)	68	# 5	7'-11"	—
e90(E)	16	# 4	30'-2"	—
e91(E)	2	# 8	30'-2"	—
w90(E)	80	# 5	30'-7"	—
w92(E)	160	# 5	24'-11"	—
t90(E)	302	# 4	10'-0"	—
Concrete Superstructure (Approach Slab)		Cu. Yd.	206.7	
Concrete Superstructure		Cu. Yd.	11.9	
Concrete Structures		Cu. Yd.	47.9	
Reinforcement Bars, Epoxy Coated		Pound	59,050	

* Tilt #9 b91(E) bars as required to maintain clearance.
 ** Bend #4 a95(E) bar in the field to fit in curb.
 *** Cost included with Concrete Superstructure (Approach Slab).

N:\PROJ\10003384\004_4_US_30\Design\Structural\CAD\3384_55 Westbound Bridge Approach Slab Details - 2_Rev1.dgn

Clorba Group, Inc.
 CONSULTING ENGINEERS
 6507 North Cumberland Avenue
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USER NAME = kaisneros	DESIGNED - AMK	REVISED - 1	7/23/2018
	CHECKED - MHT	REVISED -	
PLOT SCALE = 0:2.0000' 1" = 1"	DRAWN - RD	REVISED -	
PLOT DATE = 7/20/2018	CHECKED - MHT	REVISED -	

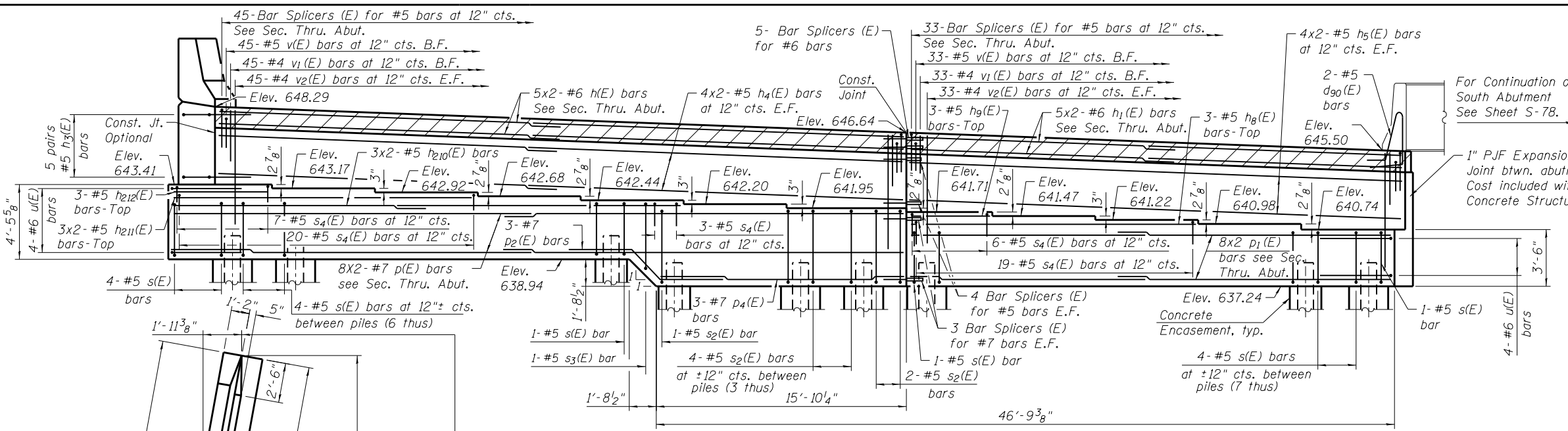
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WESTBOUND BRIDGE APPROACH SLAB DETAILS - 2
S.N. 099-0068 (W.B.) & 099-0069 (E.B.)**

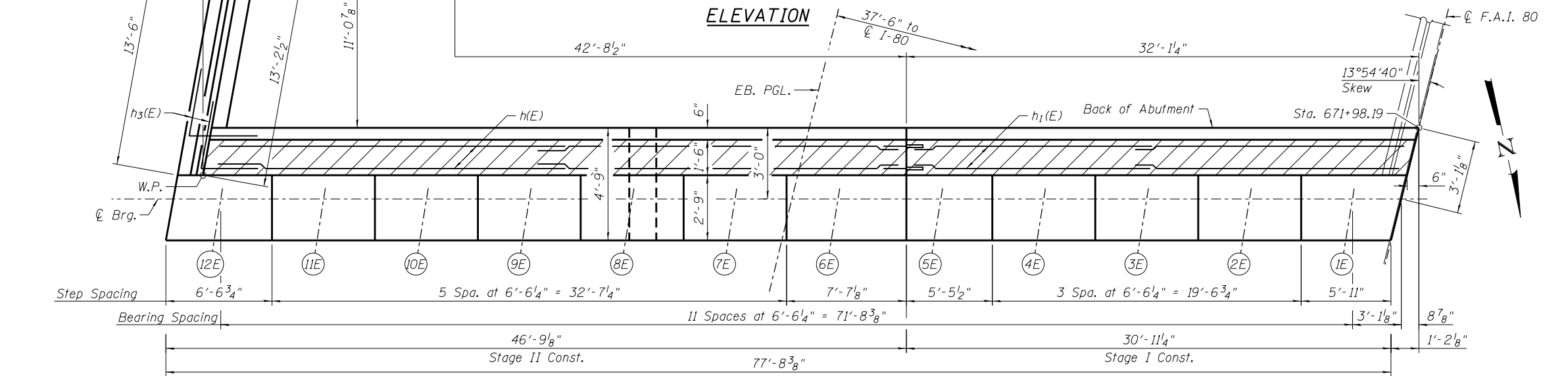
F.A.I. RTE. 80	SECTION 99-4-1VB-1-R	COUNTY WILL	TOTAL SHEETS 840	SHEET NO. 530
CONTRACT NO. 60N87			ILLINOIS FED. AID PROJECT	

SOUTH ABUTMENT BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d90(E)	4	# 5	7'-11"	
h(E)	20	# 6	23'-8"	
h1(E)	20	# 6	17'-7"	
h2(E)	10	# 5	7'-4"	
h3(E)	10	# 5	7'-4"	
h4(E)	16	# 5	23'-5"	
h5(E)	16	# 5	17'-4"	
h6(E)	26	# 4	13'-2"	
h7(E)	14	# 4	13'-3"	
h8(E)	3	# 5	18'-2"	
h9(E)	3	# 5	5'-1"	
h210(E)	12	# 5	17'-8"	
h211(E)	3	# 5	11'-0"	
h212(E)	3	# 5	5'-8"	
h213(E)	3	# 5	19'-9"	
h214(E)	3	# 5	6'-8"	
h215(E)	3	# 5	18'-6"	
h216(E)	3	# 5	4'-7"	
n(E)	24	# 6	13'-10"	
n1(E)	12	# 6	6'-11"	
p(E)	32	# 7	25'-10"	
p1(E)	32	# 7	18'-6"	
p2(E)	3	# 7	12'-8"	
p3(E)	12	# 7	14'-6"	
p4(E)	3	# 7	15'-6"	
p5(E)	3	# 7	9'-7"	
s(E)	129	# 5	16'-1"	
s1(E)	30	# 4	9'-5"	
s2(E)	15	# 5	18'-5"	
s3(E)	2	# 5	17'-9"	
s4(E)	139	# 5	6'-5"	
s5(E)	2	# 5	19'-5"	
u(E)	18	# 6	13'-4"	
v(E)	156	# 5	3'-9"	
v1(E)	156	# 4	3'-2"	
v2(E)	312	# 4	5'-7"	
v3(E)	6	# 6	7'-4"	
v4(E)	24	# 6	7'-7"	
v5(E)	30	# 6	7'-2"	
Structure Excavation		Cu. Yd.	569	
Concrete Structures		Cu. Yd.	168.1	
Reinforcement Bars, Epoxy Coated		Pound	13,810	
Furnishing Steel Piles, HP 12X53		Foot	972	
Driving Piles		Foot	972	
Test Pile, Steel HP 12x53		Each	2	
Concrete Encasement		Cu. Yd.	13.3	
Concrete Sealer		Sq. Ft.	1,322	
Pile Shoes		Each	38	
Pipe Underdrains for Structures 4"		Foot	199	
Granular Backfill for Structures		Cu. Yd.	289	
Geocomposite Wall Drain		Sq. Yd.	116	



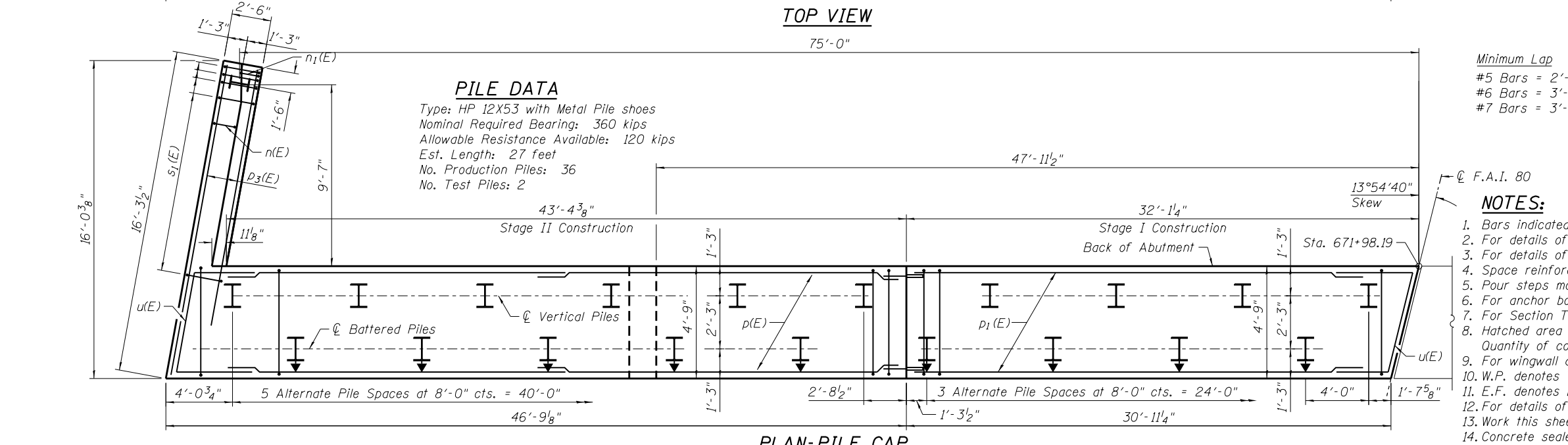
ELEVATION



TOP VIEW

PILE DATA

Type: HP 12X53 with Metal Pile shoes
 Nominal Required Bearing: 360 kips
 Allowable Resistance Available: 120 kips
 Est. Length: 27 feet
 No. Production Piles: 36
 No. Test Piles: 2



PLAN-PILE CAP

- Minimum Lap
 #5 Bars = 2'-6"
 #6 Bars = 3'-0"
 #7 Bars = 3'-11"

NOTES:

1. Bars indicated 4x2-#5 etc. indicates 4 lines of bars with 2 lengths per line.
2. For details of Bar Splicers, see sheet S-109.
3. For details of Piles and Concrete Encasement, see sheet S-110.
4. Space reinforcement to miss anchor bolts and H-Piles.
5. Pour steps monolithically with cap.
6. For anchor bolt spacing details see sheet S-79
7. For Section Thru Abutment see sheet S-79.
8. Hatched area to be poured after superstructure forms have been removed. Quantity of concrete to be included with Concrete Superstructure.
9. For wingwall details see sheet S-79.
10. W.P. denotes Working Point.
11. E.F. denotes Each Face. B.F. denotes Back Face.
12. For details of d90(E) Bars see sheet S-53.
13. Work this sheet with sheets S-78 and S-79.
14. Concrete sealer to be applied to all exposed surfaces of backwall, bridge seats and front face of pile caps.

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 10/23/2018 10:00 AM

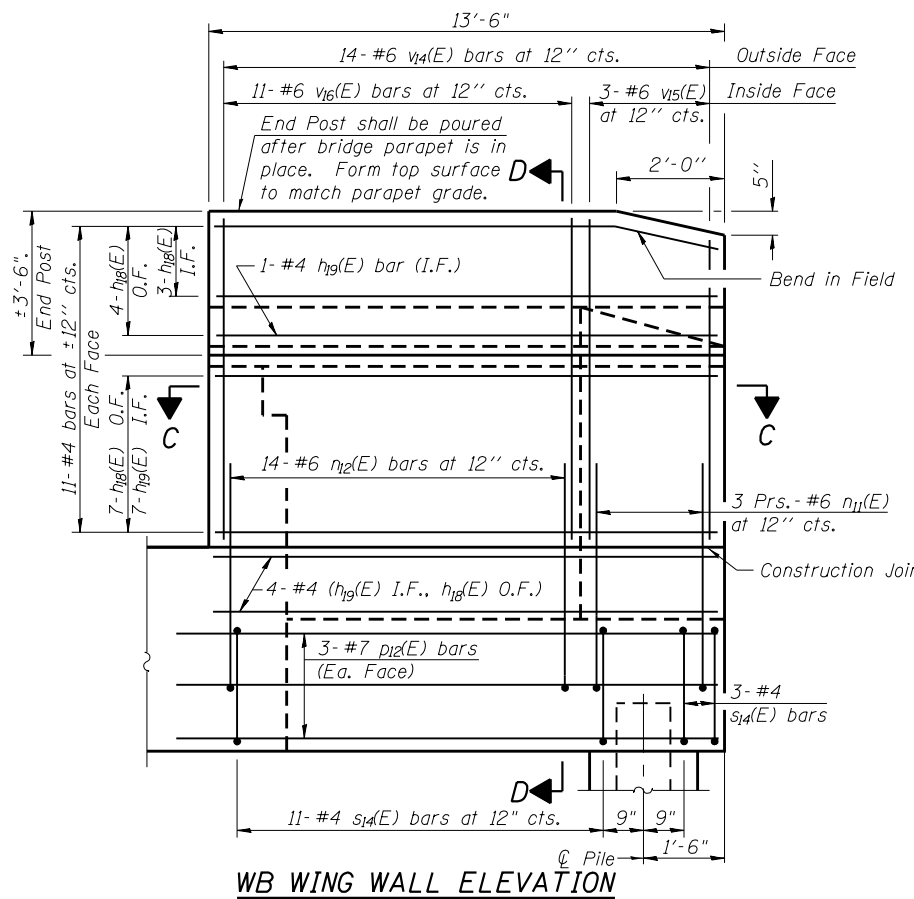


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PLOT SCALE = 8/0" = 1"	CHECKED - MHT	REVISED -
PLOT DATE = 7/20/2018	DRAWN - RD	REVISED -
	CHECKED - MHT	REVISED -

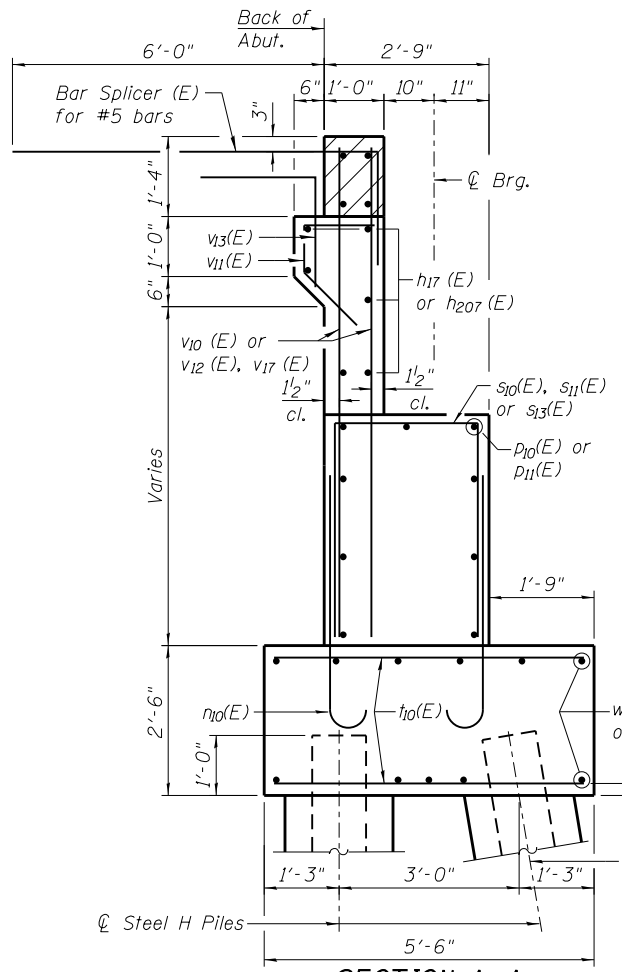
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT PLAN AND ELEVATION I
 S.N. 099-0068 (W.B.) & 099-0069 (E.B.)

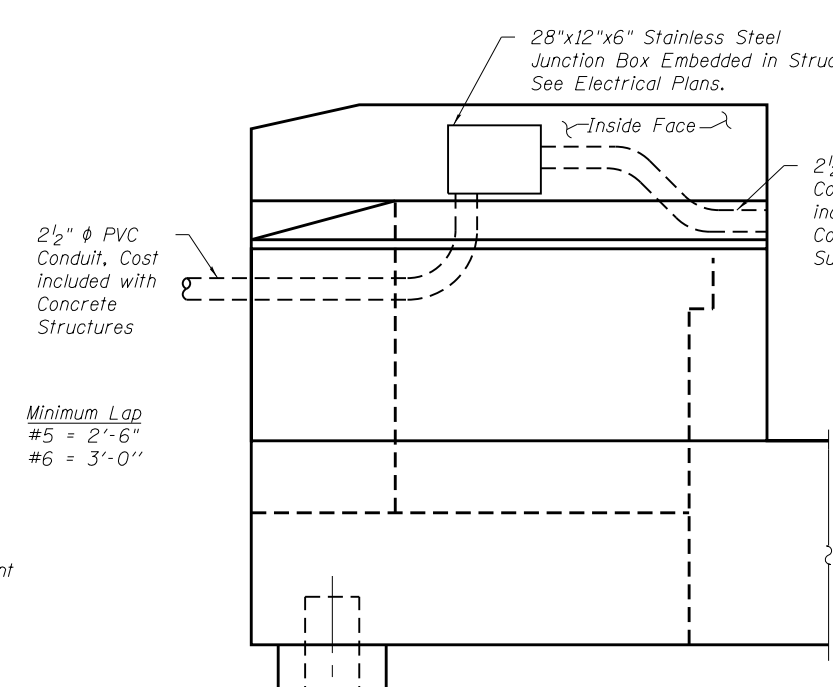
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	552
CONTRACT NO. 60N87				



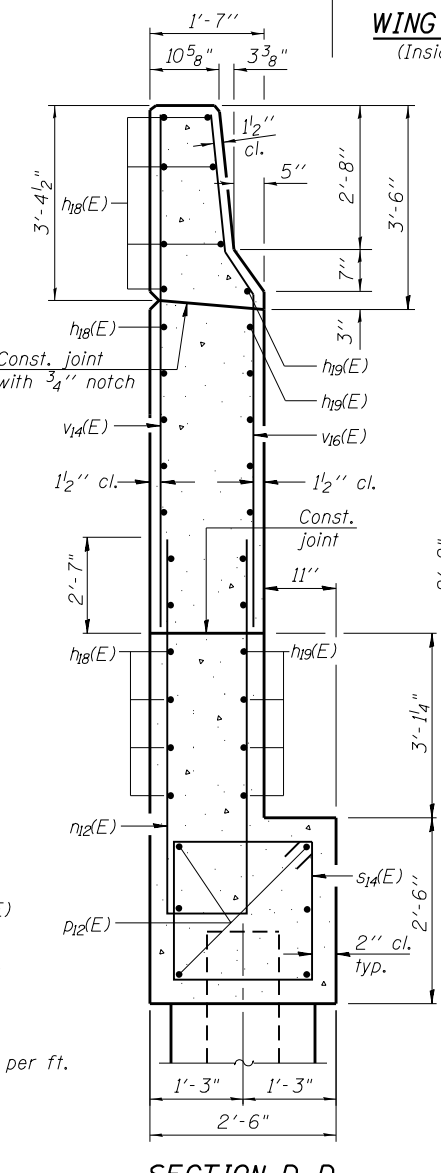
WB WING WALL ELEVATION



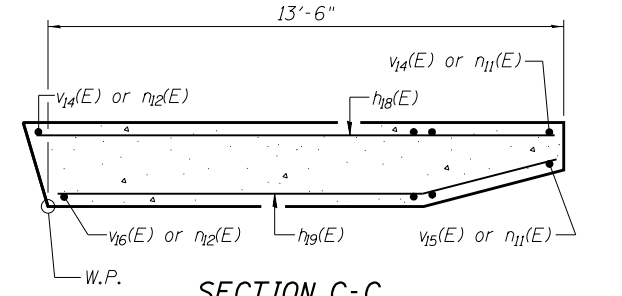
SECTION A-A



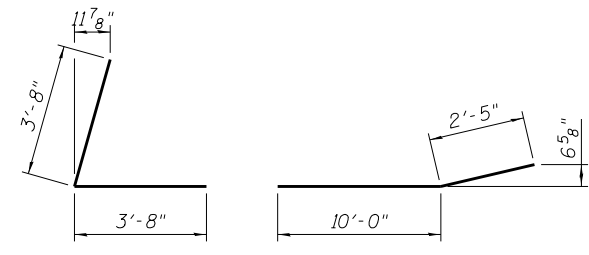
WING WALL ELEVATION
(Inside showing Junction Box)



SECTION D-D

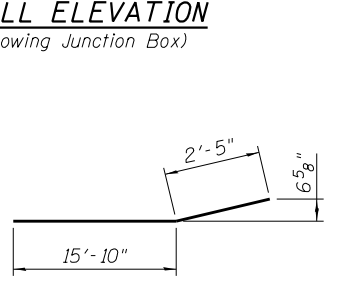


SECTION C-C

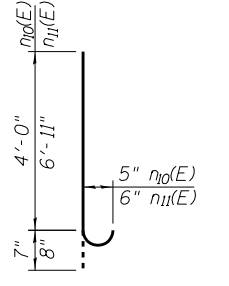


Bar h16 (E)

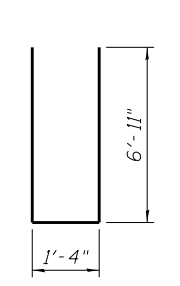
Bar h19 (E)



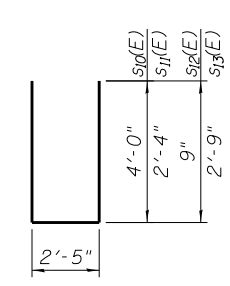
Bar h209 (E)



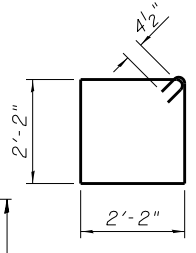
Bars n10 (E) & n11 (E)



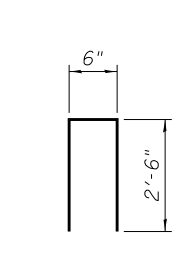
Bar n12 (E)



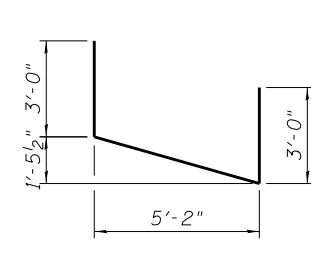
Bar s10 (E) thru s13 (E)



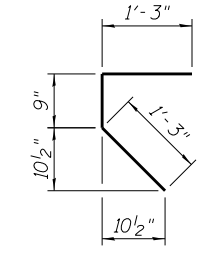
Bar s14 (E)



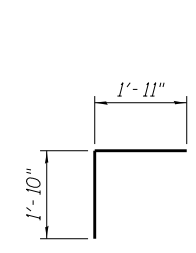
Bar s15 (E)



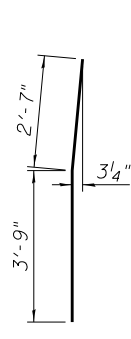
Bar u10 (E)



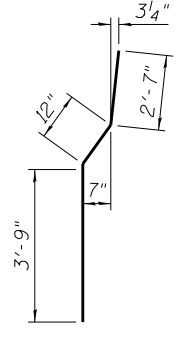
Bar v11 (E)



Bar v13 (E)



Bar v15 (E)



Bar v16 (E)

NOTES:

- Existing reinforcement to be blast cleaned straightened and incorporated into proposed construction. Cost included with Concrete Removal.
- Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure.
- Space reinforcement in cap to miss anchor bolts.
- Pour steps monolithically with cap.
- Quantity of concrete in end post included with Concrete Superstructure on sheet S-55.
- For details of Piles and Concrete Encasement, see sheet S-110.
- For details of Bar Splicers, see sheet S-109.
- Pipe Underdrain for drainage shall be continuous through existing wingwalls. A minimum 6" ϕ hole shall be cored through the existing wingwall to allow for the pipe through the wingwall. Cost included in the cost of Pipe Underdrains for Structures, 4".
- Work this sheet with sheets S-80 and S-82.
- Concrete sealer to be applied to all exposed surfaces of backwall, bridge seats and front face of pile caps.

**NORTH ABUTMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
d90(E)	4	# 5	7'-11"	
h10(E)	71	# 5	2'-9"	
h11(E)	16	# 6	16'-11"	
h12(E)	8	# 6	24'-9"	
h13(E)	8	# 6	24'-11"	
h14(E)	3	# 5	13'-10"	
h15(E)	3	# 5	13'-1"	
h16(E)	8	# 5	7'-4"	
h17(E)	12	# 5	26'-0"	
h18(E)	18	# 4	13'-2"	
h19(E)	12	# 4	13'-3"	
h207(E)	6	# 5	7'-1"	
h208(E)	7	# 4	18'-2"	
h209(E)	1	# 4	18'-3"	
n10(E)	120	# 5	4'-7"	
n11(E)	6	# 6	7'-7"	
n12(E)	14	# 6	15'-2"	
p10(E)	22	# 7	26'-0"	
p11(E)	9	# 7	7'-1"	
p12(E)	6	# 7	14'-6"	
s10(E)	28	# 5	10'-5"	
s11(E)	26	# 5	7'-1"	
s12(E)	28	# 5	3'-11"	
s13(E)	6	# 5	7'-11"	
s14(E)	14	# 4	9'-5"	
s15(E)	19	# 4	5'-6"	
u10(E)	121	# 5	5'-2"	
v10(E)	2	# 6	11'-4"	
v10(E)	56	# 5	8'-3"	
v11(E)	60	# 5	3'-3"	
v12(E)	52	# 5	6'-2"	
v13(E)	60	# 5	3'-9"	
v14(E)	14	# 6	6'-11"	
v15(E)	3	# 6	6'-4"	
v16(E)	11	# 6	7'-4"	
v17(E)	12	# 5	6'-6"	
w10(E)	11	# 5	23'-11"	
w11(E)	22	# 5	14'-4"	
w12(E)	11	# 5	8'-11"	
Structure Excavation		Cu. Yd.	220	
Concrete Structures		Cu. Yd.	70.5	
Reinforcement Bars, Epoxy Coated		Pound	8,400	
Furnishing - Steel Piles, HP 12x53		Foot	555	
Driving Piles		Foot	555	
Test Pile, Steel HP 12x53		Each	1	
Concrete Encasement		Cu. Yd.	5.6	
Concrete Sealer		Sq. Ft.	393	
Geocomposite Wall Drain		Sq. Yd.	114	
Pipe Underdrains for Structures, 4"		Foot	175	
Granular Backfill for Structures		Cu. Yd.	249	
Pile Shoes		Each	16	

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 Clorba Group, Inc.
 CONSULTING ENGINEERS
 6507 North Cumberland Avenue
 Suite 402, Chicago, Illinois 60656
 Tel: 773.724.4000
 Fax: 773.724.4014
 Email: clorba@clorba.com

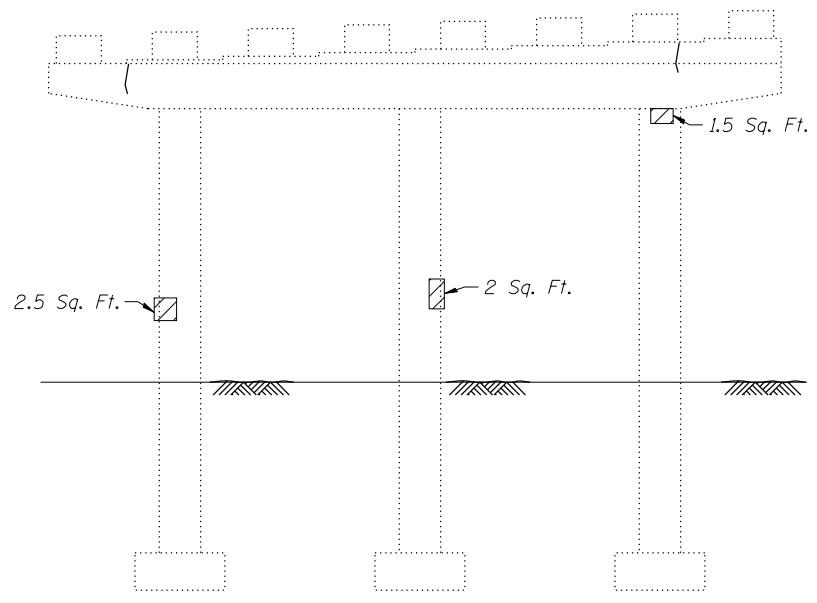
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

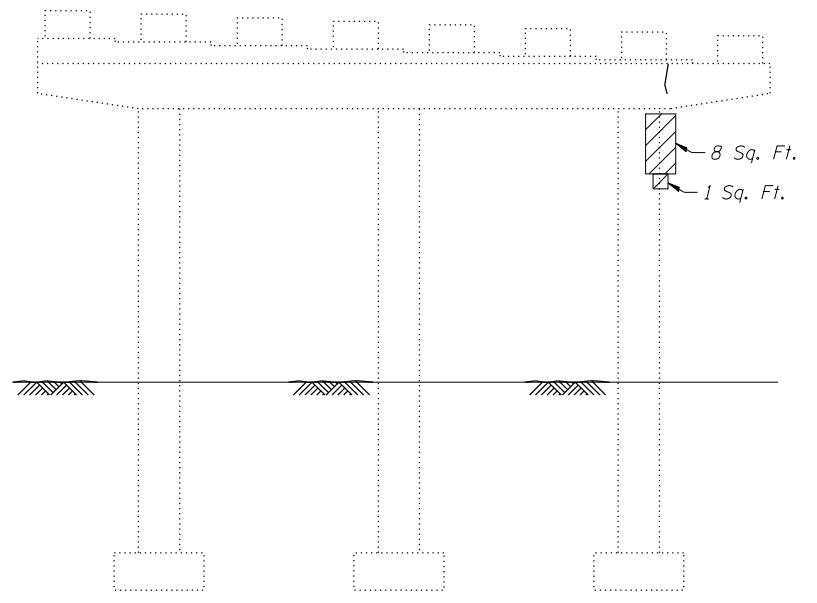
**NORTH ABUTMENT DETAILS - 1
S.N. 099-0068 (W.B.) & 099-0069 (E.B.)**

SHEET NO. S-81 OF S-118 SHEETS

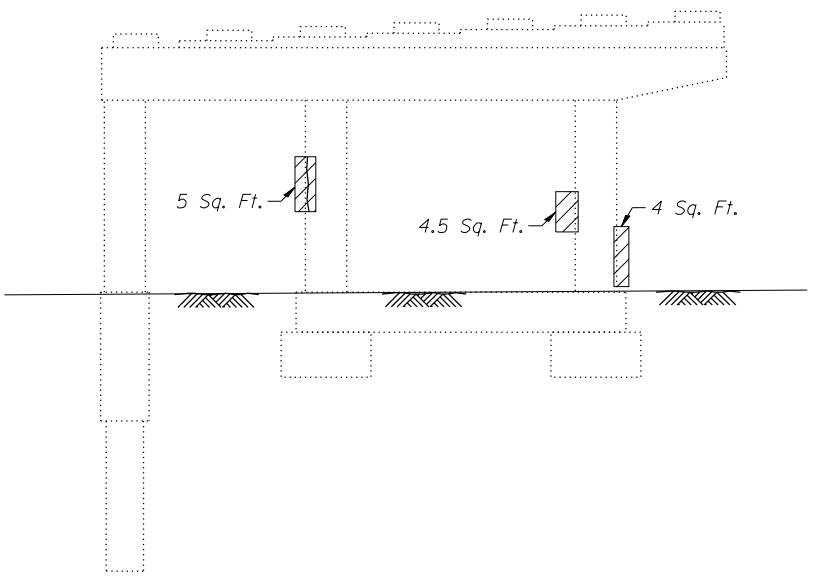
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CONTRACT NO. 60N87				



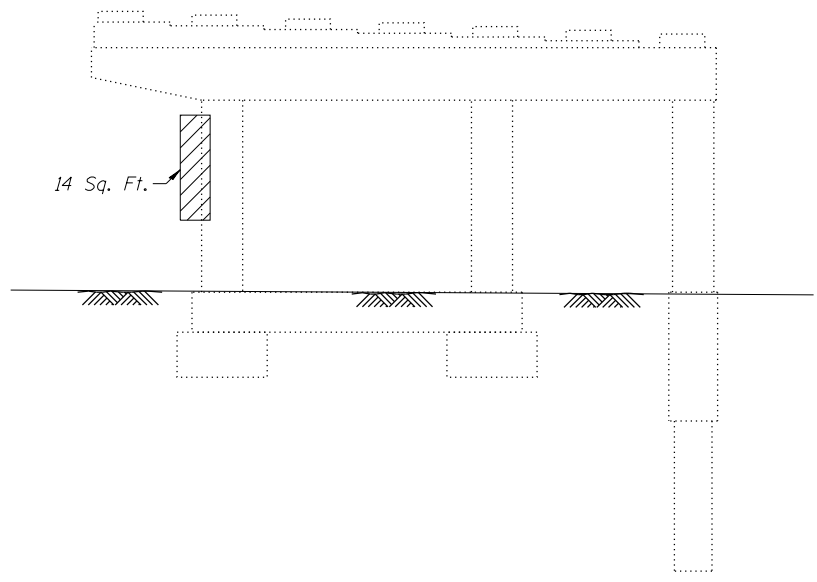
PIER 4E
(Looking North)



PIER 4E
(Looking South)



PIER 4W
(Looking North)



PIER 4W
(Looking South)

NOTES:
1. Repairs of the existing piers shall include but may not be limited to the areas shown. The actual areas to be repaired will be determined by the Engineer at the time of construction.

LEGEND
 Structural Repair of Concrete (Depth Equal to or Less than 5 inches)
 Hairline Crack - Not to be sealed

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	43

N:\PROJ\0003384\004\US_30\Design\Structural\CAD\3384_101 Piers 4E and 4W Repairs.Rev1.dgn



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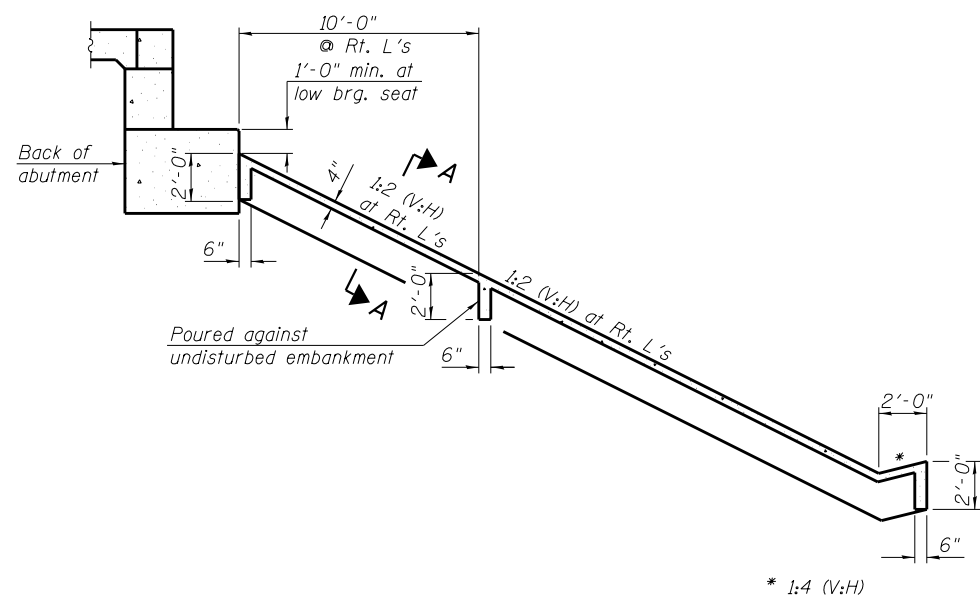
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIERS 4E AND 4W REPAIRS
S.N. 099-0068 (W.B.) & 099-0069 (E.B.)

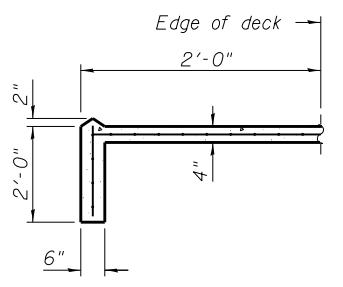
SHEET NO. S-101 OF S-118 SHEETS

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80	99-4-1VB-1-R	WILL	840	576
CONTRACT NO. 60N87			ILLINOIS FED. AID PROJECT	

1



SLOPEWALL DETAILS
SOUTH ABUTMENT



SECTION A-A

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Slope Wall 4"	Sq. Yd.	988

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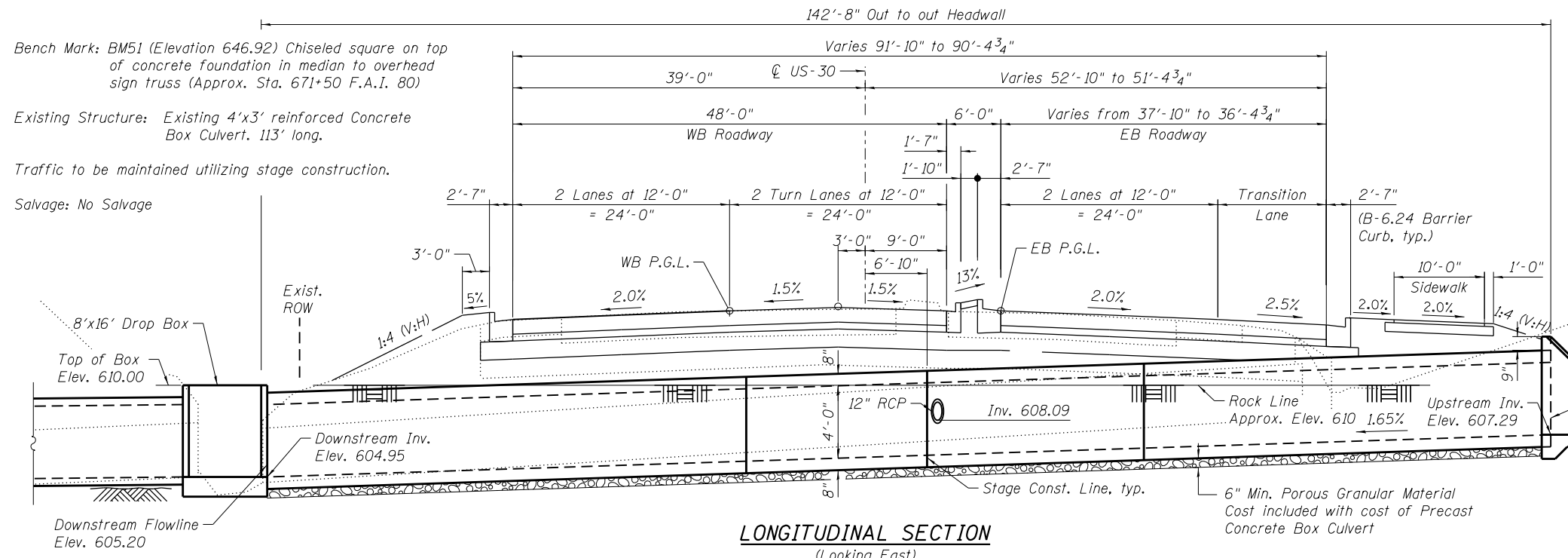
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SLOPE WALL DETAILS
S.N. 099-0068 (W.B.) & 099-0069 (E.B.)

SHEET NO. S-108A OF S-118 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	583A
CONTRACT NO. 60N87			ILLINOIS FED. AID PROJECT	



LONGITUDINAL SECTION
(Looking East)

GENERAL NOTES

- Precast Concrete Box Culvert sections shall conform to the requirements for Article 540.06 of the Standard Specifications and the applicable requirements of ASTM C1577.
- Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.
- Reinforcement bars designated (E) shall be epoxy coated.
- For staging details, see Sheets SB-2 and SB-3.

LOADING HL - 93

Allow 50 PSF for future wearing surface.
Design fill height < 2 ft.

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications with 2012 Interims

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

PRECAST UNITS

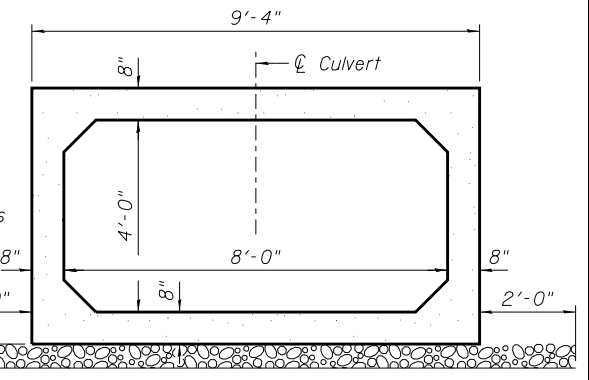
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Fabric)

SEISMIC DATA

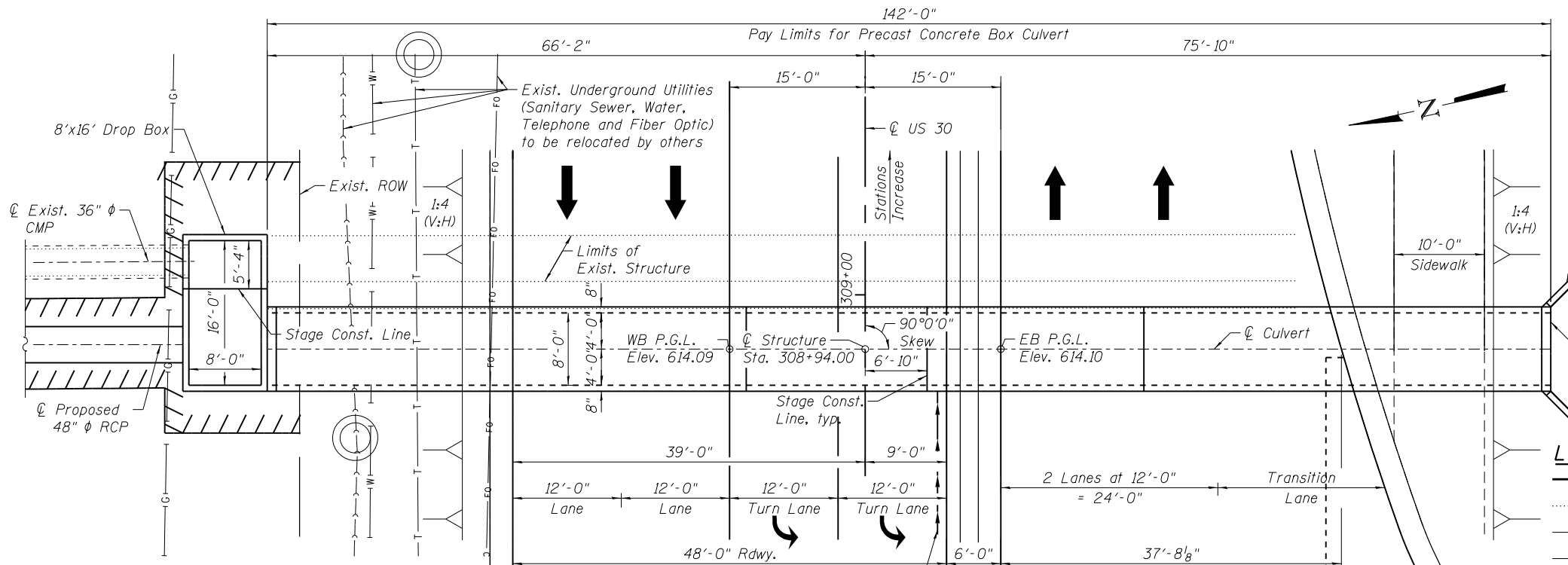
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = .067g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = .124g
Soil Site Class = C

INDEX OF SHEETS

- SB-1. General Plan & Elevation
- SB-2. Stage Construction I
- SB-3. Stage Construction II
- SB-4. Drop Box Details
- SB-5. Precast Box Section & Cast-In-Place Apron Details
- SB-6. Bar Splicer Assembly and Mechanical Splicer Details
- SB-7. Soil Boring Log



SECTION THRU BARREL



PLAN

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	604.29	601.95

WATERWAY INFORMATION

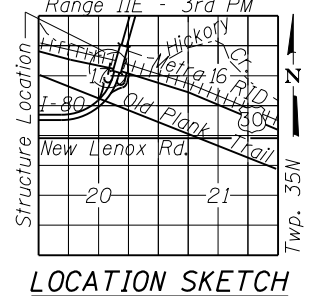
Drainage Area = 0.3 Sq. miles

Existing Low Grade Elev. 612.93 @ Sta. 308+60
Proposed Low Grade Elev. 613.50 @ Sta. 309+00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	76			0.00	0.00	612.01	609.56	
Base	50	89			0.00	0.00	613.23	610.87	
Overtopping Exist.	100	99			0.00	0.00	613.39	611.44	
Overtopping Prop.		178				0.00	612.97	613.50	

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu Yd	267
Rock Excavation For Structures	Cu Yd	308
Concrete Structures	Cu Yd	17.8
Reinforcement Bars, Epoxy Coated	Pound	2190
Precast Concrete Box Culverts 8'x4'	Foot	142
Mechanical Splicers	Each	25
Name Plates	Each	1
Expansion Bolts 3/4 inch	Each	6



GENERAL PLAN & ELEVATION

US-30 OVER DRAINAGE DITCH SEC. 99-4-1VB-1-R WILL COUNTY STATION 308+94.00 STRUCTURE NO. 099-C030



STATION 308+94.00
BUILT 2011 BY
STATE OF ILLINOIS
F.A.I. RT. 80 SEC. 99-4-1VB-1-R
LOADING HL-93
STRUCTURE NO. 099-C030

NAME PLATE

See Std. 515001

LEGEND:

- Proposed Structure
- Existing Structure
- Existing Underground Telephone
- Proposed Underground Storm Sewer
- Existing Underground Fiber Optic
- Proposed Permanent Easement
- Existing Underground Gas
- Soil Boring
- Existing Underground Water
- Manhole
- Existing Underground Sanitary Sewer

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PLOT DATE = 7/20/2018	CHECKED - BWS	REVISD -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET NO. SB-1 OF SB-7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	99-4-1VB-1-R	WILL	840	594
CONTRACT NO. 60N87			ILLINOIS FED. AID PROJECT	

REV. 7/23/18