

314

•=SPECIALTY ITEM, **=80% FED, 10% STATE, 10% OP
 OP=VILLAGE OF ORLAND PARK, STA=STATE
 OFD=ORLAND FIRE PROTECTION DISTRICT

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	01001,01	01001,01	01001,02	01001,01	01001,02	01001,01	01001,01	CONSTRUCTION CODE										
				ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP		
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028	100% OFD 0021	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	700	700																	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	206	206																	
20101000	TEMPORARY FENCE	FOOT	8177	8177																	
20101100	TREE TRUNK PROTECTION	EACH	10	10																	
20200100	EARTH EXCAVATION	CU YD	25,720	25,720																	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7010	7010																	
20400800	FURNISHED EXCAVATION	CU YD	2630	2630																	
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	141															141			
20800150	TRENCH BACKFILL	CU YD	7628	7628																	
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	31377	31377																	
21101685	TOPSOIL FURNISH AND PLACE, 24"	SO YD	13983	13983																	
25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25																	
25000310	SEEDING, CLASS 4	ACRE	0.30	0.30																	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	415	415																	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	415	415																	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	415	415																	
25100115	MULCH, METHOD 2	ACRE	0.25	0.25																	
25100127	MULCH, METHOD 3A	ACRE	6.50	6.50																	

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FILE NAME D:\6061-511-500.dgn	USER NAME Frank.Stellone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE 2/6/2013	CHECKED -	REVISED -
		DATE 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: SHEET 1 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 5
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

Rev. 4-16-13

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS -GARVIN	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
25100630	EROSION CONTROL BLANKET	SO YD	4937	4937															
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	1447	1447															
25200110	SODDING, SALT TOLERANT	SO YD	23832	23832															
25200200	SUPPLEMENTAL WATERING	UNIT	432	432															
28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	110	110															
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	663	663															
28000305	TEMPORARY DITCH CHECKS	FOOT	40	40															
28000400	PERIMETER EROSION BARRIER	FOOT	18,147	18,147															
28000500	INLET AND PIPE PROTECTION	EACH	5	5															
28000510	INLET FILTERS	EACH	440	440															
28001000	AGGREGATE (EROSION CONTROL)	TON	17	17															
28100107	STONE RIPRAP, CLASS A4	SO YD	854	854															
28200200	FILTER FABRIC	SO YD	854	854															
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1806	1806															
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	122,822	122,822															



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FILE NAME * D:\60601-SHT-500.dgn	USER NAME * Frank.Stellone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -
		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 2 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 6
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS DARTIN	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	8995	8995															
44000300	CURB REMOVAL	FOOT	14,887	5871	9016														
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	33,162	33,162															
44000600	SIDEWALK REMOVAL	SO FT	81,773	81,773															
44003100	MEDIAN REMOVAL	SO FT	4951	4951															
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	89	89															
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	536	536															
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	268	268															
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	500	500															
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	72	72															
50104400	CONCRETE HEADWALL REMOVAL	EACH	10	5													5		
50200100	STRUCTURE EXCAVATION	CU YD	3817	3817													3817		
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	134	134													134		
50300225	CONCRETE STRUCTURES	CU YD	1634	1634													1634		

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FILE NAME + DIG6M61-SHT-500.dgn	USER NAME + Frank.Stallone	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. B
SHT_PLAN	PLOT SCALE + 1/8"=1'-0"	DRAWN -	REVISD -		SCALE:	SHEET 4 OF 22 SHEETS	STA.	TO STA.	CONTRACT NO. 60M61			
	PLOT DATE + 2/8/2013	CHECKED -	REVISD -		[ILLINOIS] FEQ. AID PROJECT							
		DATE - 02/07/2013	REVISD -									

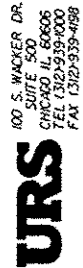
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				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
50300285	FORM LINER TEXTURED SURFACE	SO FT	23,002																
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	139,650																
50901750	PARAPET RAILING	FOOT	863																
50900105	ALUMINUM RAILING, TYPE L	FOOT	368																
50901760	PIPE HANDRAIL	FOOT	12																
51200957	FURNISHING METAL PILE SHELLS 12" X 0.250"	FOOT	9718																
51201600	FURNISHING STEEL PILES HP12X53	FOOT	2150																
51202305	DRIVING PILES	FOOT	9718																
51500100	NAME PLATES	EACH	2																
51203600	TEST PILE STEEL HP12X53	EACH	4																
51203200	TEST PILE METAL SHELLS	EACH	2																
51204650	PILE SHOES	EACH	108																
54010900	PRECAST CONCRETE BOX CULVERTS 9' X 6'	FOOT	21																
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1															
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1															
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	137	137															
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	7844	7844															
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	588	588															
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	750	750															

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FILE NAME * D:\60M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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		DATE - 02/07/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 9
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2												2			
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	13												13			
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	27												27			
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	470														470	
59300100	CONTROLLED LOW STRENGTH MATERIAL	CU YD	82												82			
60107600	PIPE UNDERDRAINS 4"	FOOT	8300	8300														
60201330	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 23 FRAME AND GRATE	EACH	52	52														
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	141	141														
60205040	CATCH BASINS, TYPE A, 5' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1														
60205310	CATCH BASINS, TYPE A, 6' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1														
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	11	11														
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25	25														
60219540	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2														
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5														
60221102	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID RESTRICTOR PLATE	EACH	1	1														

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FILE NAME * D:\6061-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	SCALE: SHEET 7 OF 22 SHEETS STA. TO STA.	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 11
SHT.PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISIONS -				CONTRACT NO. 60M61				
	PLOT DATE * 2/8/2013	CHECKED -	REVISIONS -				ILLINOIS FED. AID PROJECT				
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE																
				ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP	
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028	100% OFD 0021	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	400	400																
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	144	144																
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	20660	20660																
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2000	2000																
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1225	1225																
70600255	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW) TEST LEVEL 2 FULLY	EACH	8	8																
70600322	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE, NARROW) TEST LEVEL 2 FULLY	EACH	4	4																
* 72000100	SIGN PANEL - TYPE 1	SO FT	1130	830				60	60	30	30	30	60	30						
* 72000200	SIGN PANEL - TYPE 2	SQ FT	153	153																
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	112	112																
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5																
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	27	27																
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	88	88																
* 72900100	METAL POST - TYPE A	FOOT	209	209																
* 73000100	WOOD SIGN SUPPORT	FOOT	216	216																
* 72900200	METAL POST - TYPE B	FOOT	1195	1195																
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	8	8																
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12243	12243																
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	744	744																
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2644	2644																

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FILE NAME * D:\6061-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 15		
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISED -			SCALE:	SHEET 11 OF 22 SHEETS	STA.	TO STA.	CONTRACT NO. 60M61		
	PLOT DATE * 2/8/2013	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	395	395														
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	89	89														
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2735	2735														
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	50 FT	872	872														
78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	1217	1217														
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	75570	75570														
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	5057	5057														
78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	2594	2594														
78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	2144	2144														
78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	50 FT	1405	1405														
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	10430	10430														
78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	7621	7621														
78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	45	45														
78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	1267	1267														

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SHT_PLAN	PLT SCALE * 1/8"=1'-0"	DRAWN -	REVISED -
	PLT DATE * 2/6/2013	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 12 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 16
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2		2														
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2												2				
86400100	TRANSCEIVER - FIBER OPTIC	EACH	7				1	1	1	1	1	1	1						
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	11,938												11,938				
87301790	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 2 2C	FOOT	1216					1216											
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	9908				1512	1384	1688	1560	892	1472	1400						
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	10,635				1568	2103	1744	1616	1613	1528	1456						5007
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	23,977				2647	3350	3872	4060	3734	3384	2930						
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	7024				1782		1379	935	930	1152	846						
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	21,343				1686	3413	1854	4288	2463	3687	1857	1734	361				
87301800	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 4 2 C	FOOT	239						239										
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	490				116			130	56	64	124						
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	6015				780	1654	838	806	619	672	646						
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	7				2	3		1			1						

URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL 312-933-4000
 FAX 312-933-4088

* Specialty Items

Rev.

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FILE NAME D160M61-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT_PLAN	PLOT SCALE 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE 2/8/2013	CHECKED -	REVISED -
	DATE 02/07/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 15 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 19
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

*=SPECIALTY ITEM, **=80% FED, 10% STATE, 10% OP
 OP=VILLAGE OF ORLAND PARK, STA=STATE
 OFD=ORLAND FIRE PROTECTION DISTRICT

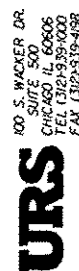
URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP	
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	7																	7
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	56				8	8	8	8	8	8	8							
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	7			1			1	1	1	1	1	1						
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2055			559								233	1263					
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	5						1	1	1	1	1							
* 89502376	REBUILD EXISTING HANDHOLE	EACH	2			2														
* 89502380	REMOVE EXISTING HANDHOLE	EACH	68			1	1		11	13	10	9	8	1	14					
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	46						8	10	10	9	9							
X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	77	77																
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	20	20																
X0325003	REMOVE EXISTING VALVE AND VAULT	EACH	2													2				
X0325225	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SO FT	1784	1784																
X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	533														533			
X0326356	TEMPORARY WIRELESS INTERCONNECT SYSTEM	EACH	1			1														
X0326390	CONCRETE SLAB REMOVAL	SO YD	79	79																

* Specialty Items

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FILE NAME D:\6061-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
SHT_PLAN	PLOT DATE 2/8/2013	DATE 02/07/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 18 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 22
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

•=SPECIALTY ITEM, **=80% FED, 10% STATE, 10% OP
 OP=VILLAGE OF ORLAND PARK, STA=STATE
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CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS DARWIN	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP	
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040	80% FED 20% OP 0028
X0326498	GFCI 20 AMP DUPLEX RECEPTACLE	EACH	61		61															
X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	8		8															
X2800520	ABOVE GRADE INLET FILTERS	EACH	746	746																
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1																
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	87	87																
X4023000	TEMPORARY ACCESS (ROAD)	EACH	7	7																
X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	1	1																
X4024100	TEMPORARY ACCESS (WINTERIZE)	SO YD	7951	7951																
X4200110	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	21109	21109																
X4402805	ISLAND REMOVAL	SO FT	1601	1601																
X4404000	PARKING LOT PAVEMENT REMOVAL	SO YD	4873	4873																
X5121800	PERMANENT STEEL SHEET PILING	SO FT	40,772																	
X550A562	TEMPORARY STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	441	441																
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	219																	
X6020095	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	1																
X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	120	120																
X6021193	TEMPORARY CATCH BASINS	EACH	41	41																

* Specialty Items

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FILE NAME 0160M61-SHT-500.dgn	USER NAME Frank.Stallone	DESIGNED -	REVISED -
SHT.PLAN	PLOT SCALE 1/8"=1'-0"	DRAWN -	REVISED -
	PLOT DATE 2/8/2013	CHECKED -	REVISED -
		DATE 02/07/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 19 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 23
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	

Rev.

==SPECIALTY ITEM, ***=80% FED, 10% STATE, 10% OP
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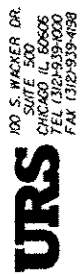
CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
* X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	11,938												11,938				
* X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	5007																5007
* X8900020	MAINTENANCE OF EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1				1												
* X8950075	REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	2		2														
* X8950215	RELOCATE EXISTING HANDHOLE	EACH	2		2														
* X8950600	REMOVE AND RELOCATE EXISTING LIGHT STANDARD	EACH	30		30														
* XX005937	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	32			4	4	4	4	4	4	4	4						
XX005713	ORNAMENTAL RAILING	FOOT	1461														1461		
XX006188	REMOVE AND RE-ERECT SEGMENTAL BLOCK RETAINING WALL	SO FT	633														633		
Z0007510	ENGINEERED BARRIER	SO YD	275	275															
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1															
Z0023600	FILLING EXISTING CULVERTS	EACH	4	4															
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	42														42		
Z0027800	GEOTECHNICAL FABRIC	SO YD	122,822	122,822															
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	1222	1222															

* Specialty Items

Rev. 4-16-13

Rev



FILE NAME * 0160M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED -	REVISIONS -
SHT_PLAN	PLOT SCALE * 1/8"=1'-0"	DRAWN -	REVISIONS -
	PLOT DATE * 2/8/2013	CHECKED -	REVISIONS -
		DATE - 02/07/2013	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 21 OF 22 SHEETS STA. TO STA.

F.A.P. R.T.E. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 25
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

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 OP=VILLAGE OF ORLAND PARK, STA=STATE
 OFD=ORLAND FIRE PROTECTION DISTRICT

URBAN

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	LIGHTING	TRAFFIC SIGNALS 158TH	TRAFFIC SIGNALS 156TH	TRAFFIC SIGNALS 154TH	TRAFFIC SIGNALS 153RD	TRAFFIC SIGNALS 151ST	TRAFFIC SIGNALS 149TH	TRAFFIC SIGNALS 147TH	TRAFFIC SIGNALS 144TH	TRAFFIC SIGNALS RAV/151ST	INTERCONNECT	WATER MAIN/SAN SEWER	RETAINING WALLS	NEW SIDEWALK/BIKE PATH	EVP
				80% FED 20% STA 0003	100% OP 0021	100% OP 0021	** 0021	100% OP 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	** 0021	100% OP 0021	80% FED 20% STA 0021	100% OP 0043	80% FED 20% STA 0040
* Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	30		30														
* Z0033040	ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL	EACH	7				1	1	1	1	1	1	1						
* Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	7												7				
Z0045100	PRESSURE CONNECTION 12" X 12"	EACH	2													2			
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	240														240		
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	1299	1299															
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	71	71															
Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	172	172															
Z0062456	TEMPORARY PAVEMENT	SO YD	25,820	25,820															
Z0062458	TEMPORARY PAVEMENT (VARIABLE DEPTH)	TON	457	457															
Z0067700	STEEL CASINGS 20"	FOOT	160													160			
Z0073345	SLEEPER SLAB	FOOT	131	131															
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	8			1	1		1	1	1	1	1						
Z0075496	CONCRETE RETAINING WALL REMOVAL	FOOT	716	716															

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Rev. 4-16-13

Rev.

FILE NAME * 0160M61-SHT-500.dgn	USER NAME * Frank.Stallone	DESIGNED - DRAWN -	REVISED - REVISED -
SHT_PLAN	PLOT SCALE * 100.0045' / 1"	CHECKED - DATE - 02/07/2013	REVISED - REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE:	SHEET 22 OF 22 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 26
CONTRACT NO. 60M61				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE - 60M61 MIDDLE					
STAGE	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	UNSUITABLE EXCAVATION	SUITABLE EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) FURNISHED EXCAVATION
	CU YD	CU YD	CU YD	CU YD	CU YD
US 45 (LAGRANGE ROAD) STATION 177+00 TO STATION 274+00					
TEMPORARY	7,688.3	5,766.2	1,937.4	791.6	4974.6
STAGE 1	5,828.5	4,371.4	2,296.9	8,475.7	-4,104.4
STAGE 2	344.8	258.6	3.1	1,302.4	-1,043.8
STAGE 3	4,603.0	3,452.2	1,453.3	7,129.3	-3,677.0
STAGE 4	971.9	729.0	305.9	2,649.9	-1,920.9
TOTAL:	19,436.6	14,577.4	5,996.6	20,348.9	-5,771.5
144TH STREET					
TEMPORARY	534.7	401.0	125.9	66.4	334.6
STAGE A EAST	90.5	67.9	28.9	72.9	-5.0
STAGE A WEST	373.3	280.0	58.5	5.1	274.8
SUBTOTAL:	998.4	748.8	213.4	144.4	604.4
147TH STREET					
TEMPORARY	145.9	109.4	55.6	13.4	96.0
STAGE A EAST	996.4	747.3	131.6	231.4	515.9
STAGE A WEST	129.7	97.3	27.9	113.4	-16.1
SUBTOTAL:	1,271.9	953.9	215.1	358.2	595.7
149TH STREET					
TEMPORARY EAST	34.9	26.2	0.0	0.0	26.2
TEMPORARY WEST	37.8	28.3	16.0	3.2	25.1
STAGE A EAST	194.7	148.0	95.0	264.0	-117.9
STAGE A WEST	681.9	511.5	42.6	9.6	601.8
SUBTOTAL:	949.4	712.0	153.6	276.9	435.2
151ST STREET					
TEMPORARY EAST	223.6	167.7	106.9	104.1	63.6
TEMPORARY WEST	14.7	11.0	0.0	0.0	11.0
STAGE A EAST	748.9	561.7	82.9	388.7	173.0
STAGE A WEST	801.3	601.0	84.5	216.7	384.3
SUBTOTAL:	1,788.5	1,341.4	274.2	709.5	631.9
153RD STREET					
TEMPORARY	182.0	136.5	73.1	12.7	123.8
STAGE A EAST	184.1	138.1	17.5	4.5	133.5
STAGE A WEST	909.4	682.1	66.3	65.0	617.1
SUBTOTAL:	1,275.5	956.6	156.9	82.2	874.4
TOTAL:	25,720	19,290	7,010	21,920	-2,630

NOTES:

- "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" INCLUDES TOPSOIL/UNSUITABLE EXCAVATION AND THE QUANTITY OF REMOVAL REQUIRED FOR AGGREGATE SUBGRADE IMPROVEMENT, 12" PLACEMENT.
- FOR QUANTITY CALCULATIONS THE AVERAGE EXISTING TOPSOIL THICKNESS IS ASSUMED TO BE 6".

• ASSUME 25% FOR SHRINKAGE

FILE NAME * DIGRNGI-SHT-SCHEDULE.ERI.dgn	USER NAME * james.pugh	DESIGNED -	REVISED - 04/12/2013
SHT_PLAN		DRAWN - JCL	REVISED -
		CHECKED -	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: N.T.S.		SHEET 1 OF 3 SHEETS		STA.	TO STA.
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SCHEDULE OF QUANTITIES

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 34
SC-01			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL SCHEDULE
SHEETS ER-02 TO ER-33**

ITEM	20101000 TEMPORARY FENCE	25100127 MULCH. METHOD 3A	25100635 HEAVY DUTY EROSION CONTROL BLANKET	28000250 TEMPORARY EROSION CONTROL SEEDING	28000305 TEMPORARY DITCH CHECKS	28000400 PERIMETER EROSION BARRIER	72000200 SIGN PANEL - TYPE 2	X2800520 ABOVE GRADE INLET FILTERS
	FOOT	ACRE	SO YD	POUND	FOOT	FOOT	SO FT	EACH
SHEET								
ER-02	0	0.50	0	50.00	0	1775	0	10
ER-03	946	0.50	0	50.00	0	1065	18	40
ER-04	990	0.50	0	50.00	0	1414	0	47
ER-05	0	0.25	0	25.00	0	748	0	14
ER-06	277	0.50	0	50.00	0	1070	0	21
ER-07	961	0.75	198	79.25	0	1934	0	56
ER-08	1143	0.50	1117	73.25	0	1473	0	48
ER-09	839	0.25	0	25.00	0	72	0	20
ER-10	0	0.00	0	0.00	0	0	0	14
ER-11	0	0.00	0	0.00	0	0	0	37
ER-12	0	0.00	0	0.00	0	0	0	22
ER-13	0	0.00	0	0.00	0	0	0	14
ER-14	0	0.25	0	25.00	0	0	0	17
ER-15	373	0.00	0	0.00	0	0	0	67
ER-16	0	0.00	0	0.00	0	0	0	60
ER-17	0	0.00	0	0.00	0	0	0	23
ER-18	0	0.00	0	0.00	0	0	0	13
ER-19	0	0.00	0	0.00	0	0	0	37
ER-20	0	0.00	0	0.00	0	0	0	22
ER-21	0	0.00	0	0.00	0	0	0	16
ER-22	0	0.25	0	25.00	0	783	0	6
ER-23	531	0.25	0	25.00	0	518	0	4
ER-24	0	0.25	0	25.00	0	1257	0	19
ER-25	1055	0.25	0	25.00	0	335	0	9
ER-26	0	0.25	0	25.00	0	1275	0	13
ER-27	0	0.25	0	25.00	0	1321	0	19
ER-28	0	0.25	0	25.00	0	796	0	4
ER-29	0	0.00	0	0.00	0	661	0	6
ER-30	0	0.00	0	0.00	0	0	0	0
ER-31	0	0.00	0	0.00	0	0	0	0
ER-32	0	0.00	0	0.00	0	0	0	0
ER-33	0	0.00	0	0.00	0	0	0	0
SUB TOTAL	7,115	5.75	1,315	602.50	0	16,497		678
AT THE ENGINEER'S DISCRETION	712	0.75	132	60.50	0	1,650		68
GRAND TOTAL	7,827	6.50	1,447	663	0	18,147	18	746

APEX
CONSULTING ENGINEERS, LLC
111 E. Wacker Drive, Suite 528
Chicago, IL 60601

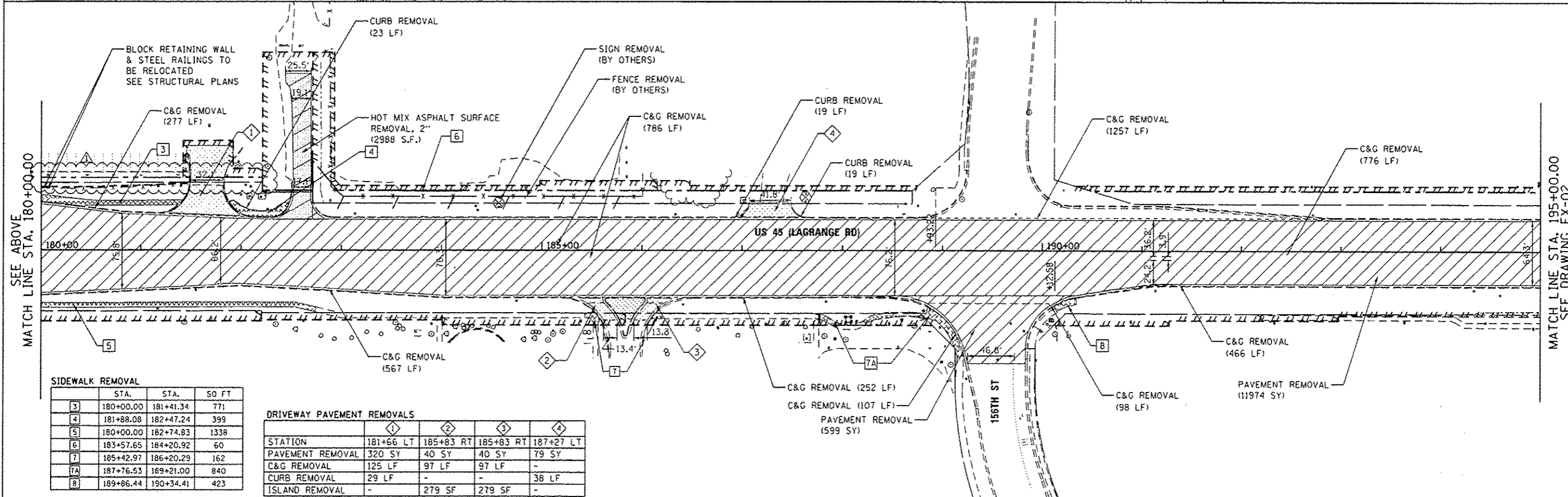
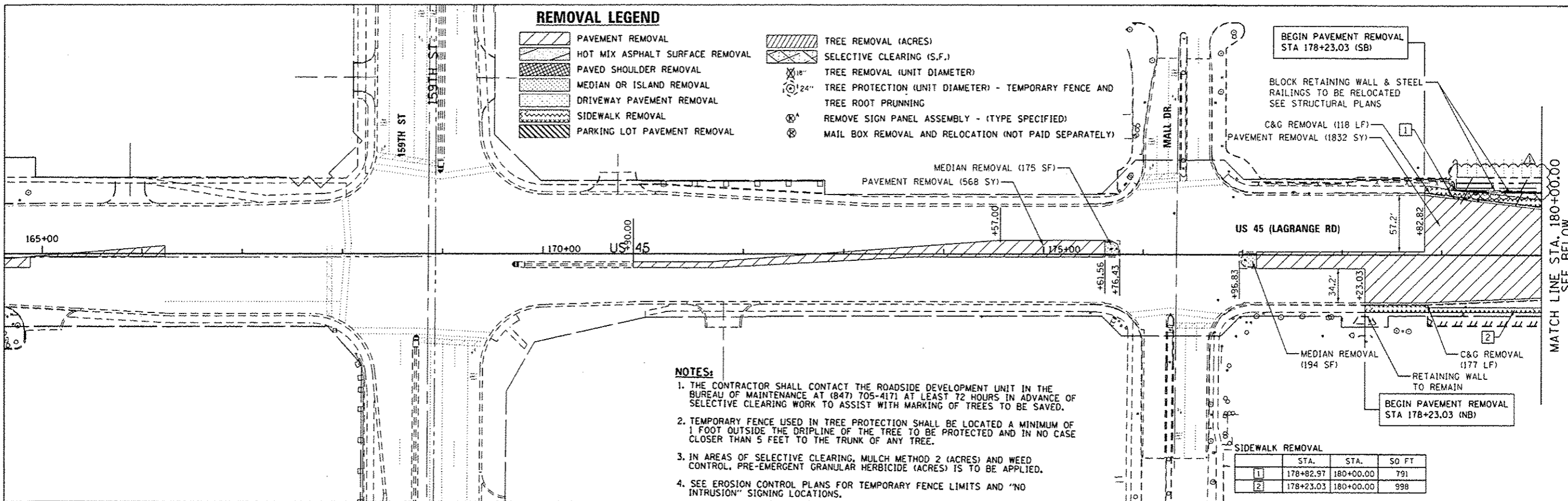
FILE NAME : #FILE#	USER NAME : #USER#	DESIGNED - LN	REVISED - Δ 04/12/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL SCHEDULE OF QUANTITIES MIDDLE CONTRACT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - HAA	REVISED -					330	103R-4	COOK	877	36
		CHECKED - WHI	REVISED -		SCALE: N.T.S. SHEET NO. 3 OF 3 SHEETS STA. TO STA.			SC-03		CONTRACT NO. 60M61		
		DATE - 3/15/2013	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

REMOVAL LEGEND

- | | | | |
|--|---------------------------------|--|---|
| | PAVEMENT REMOVAL | | TREE REMOVAL (ACRES) |
| | HOT MIX ASPHALT SURFACE REMOVAL | | SELECTIVE CLEARING (S.F.) |
| | PAVED SHOULDER REMOVAL | | TREE REMOVAL (UNIT DIAMETER) |
| | MEDIAN OR ISLAND REMOVAL | | TREE PROTECTION (UNIT DIAMETER) - TEMPORARY FENCE AND TREE ROOT PRUNING |
| | DRIVEWAY PAVEMENT REMOVAL | | REMOVE SIGN PANEL ASSEMBLY - (TYPE SPECIFIED) |
| | SIDEWALK REMOVAL | | MAIL BOX REMOVAL AND RELOCATION (NOT PAID SEPARATELY) |
| | PARKING LOT PAVEMENT REMOVAL | | |

NOTES:

1. THE CONTRACTOR SHALL CONTACT THE ROADSIDE DEVELOPMENT UNIT IN THE BUREAU OF MAINTENANCE AT (847) 705-4171 AT LEAST 72 HOURS IN ADVANCE OF SELECTIVE CLEARING WORK TO ASSIST WITH MARKING OF TREES TO BE SAVED.
2. TEMPORARY FENCE USED IN TREE PROTECTION SHALL BE LOCATED A MINIMUM OF 1 FOOT OUTSIDE THE DRIPLINE OF THE TREE TO BE PROTECTED AND IN NO CASE CLOSER THAN 5 FEET TO THE TRUNK OF ANY TREE.
3. IN AREAS OF SELECTIVE CLEARING, MULCH METHOD 2 (ACRES) AND WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE (ACRES) IS TO BE APPLIED.
4. SEE EROSION CONTROL PLANS FOR TEMPORARY FENCE LIMITS AND "NO INTRUSION" SIGNING LOCATIONS.



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RD. S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 999-0000
FAX (312) 999-0098

FILE NAME = DIGM61-SHT-REM01.dgn	USER NAME = james.push	DESIGNED - BPH	REVISED - 04/12/2013
PLOT SCALE = 1/8"=1'-0"	PLOT DATE = 4/11/2013	DRAWN - BPH	REVISED -
SHT. DOUBLE PLAN		CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN AND REMOVALS - US 45 (LAGRANGE ROAD)

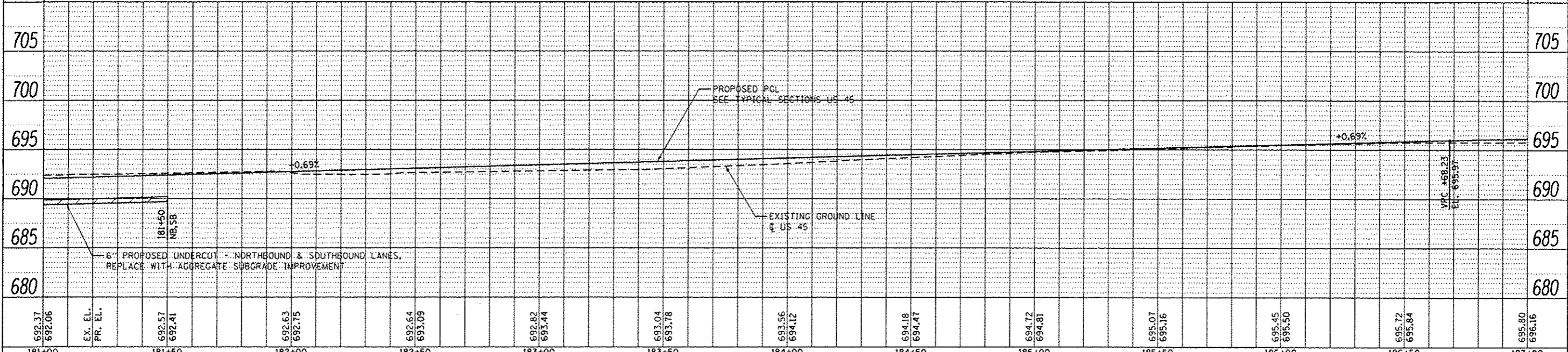
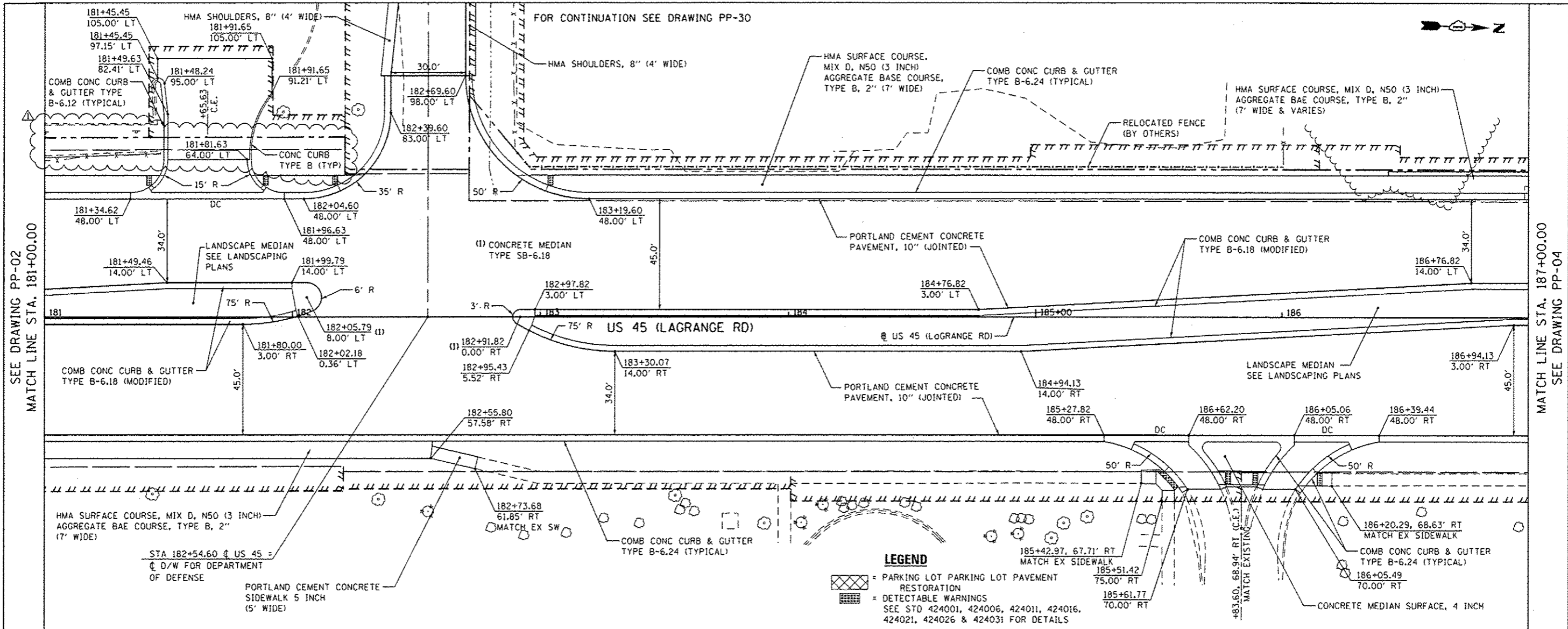
SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. BEGIN TO STA. 195+00.00

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 45
EX-01		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

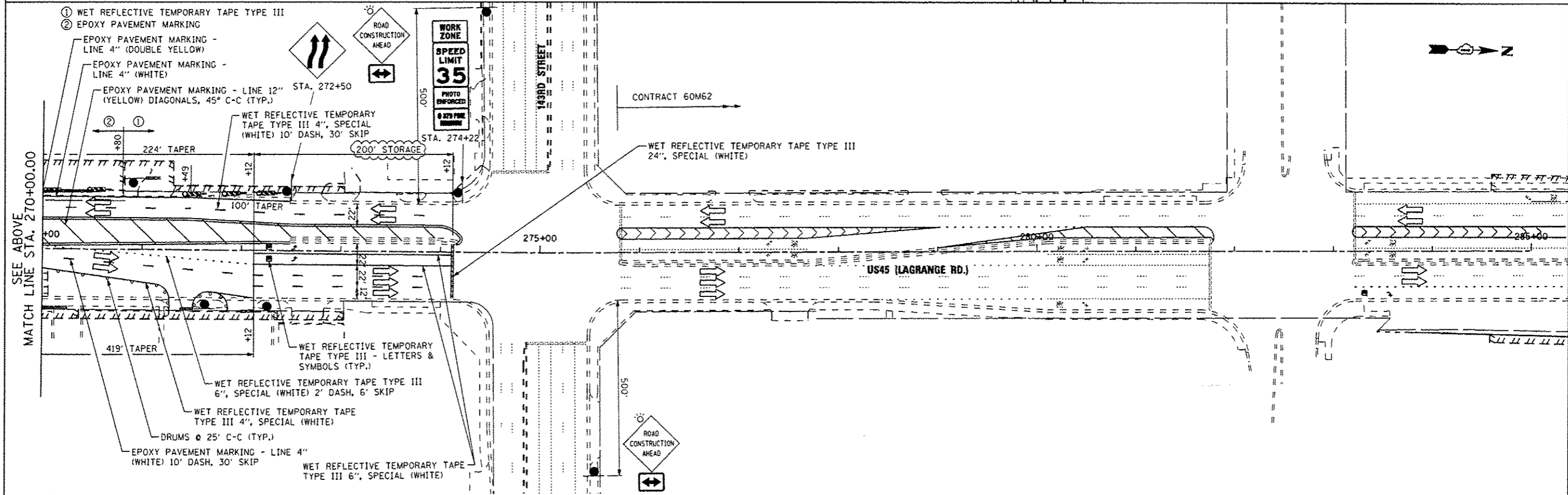
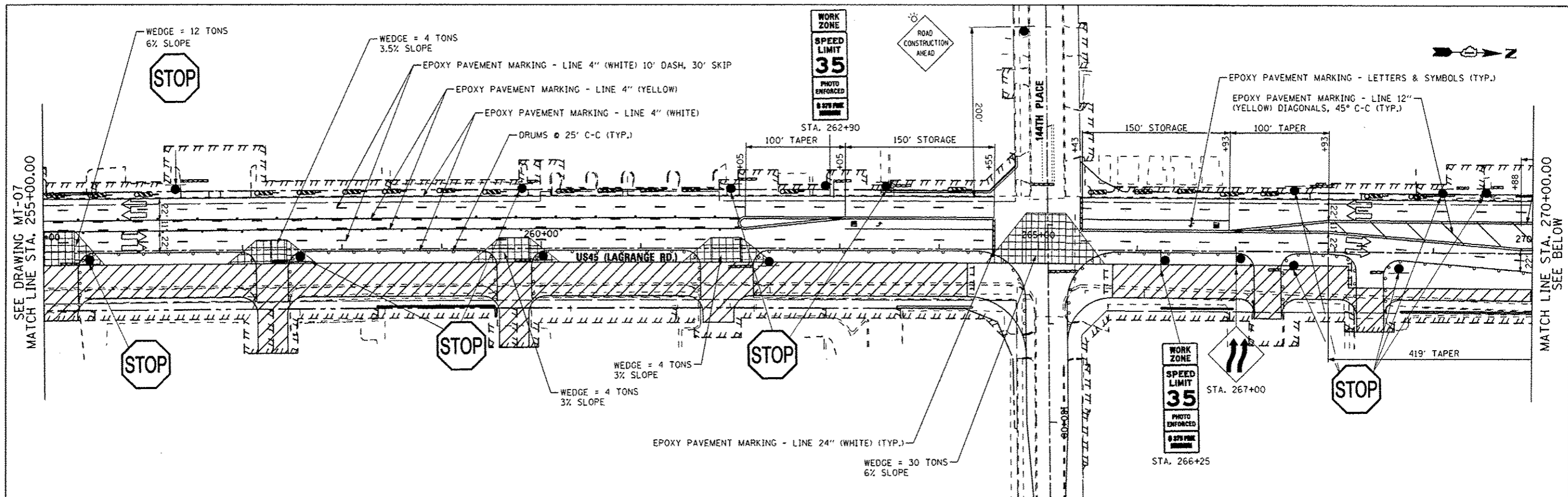
DATE	
BY	
REVISION	
NO.	
DATE	
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REVISION	
NO.	

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

URS
 90 S. WACKER DR
 CHICAGO, IL 60606
 TEL (312) 519-0000
 FAX (312) 519-0000



FILE NAME: 01606M1-SHT-PLAN-PP-03.dgn	USER NAME: jomas-push	DESIGNED: JTF	REVISED: 04/12/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		PROPOSED PLAN AND PROFILE - US 45 (LAGRANGE ROAD)		F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 54
PLT SCALE: 48.0000	PLT DATE: 4/11/2013	CHECKED: MJT	REVISED:	SCALE: 1"=20' HORIZ, 1"=5' VERT		SHEET 3 OF 18 SHEETS		STA. 181+00.00 TO STA. 187+00.00		CONTRACT NO. 606M1		
ILLINOIS FED. AID PROJECT												



URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL 312-939-0000
FAX 312-939-9598

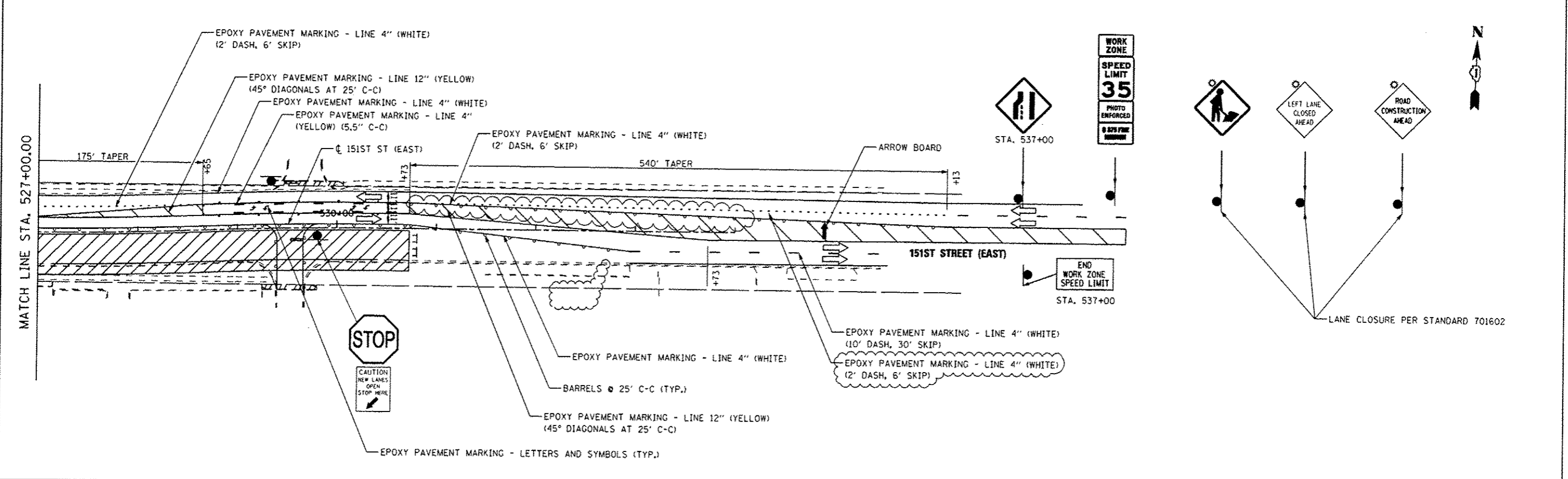
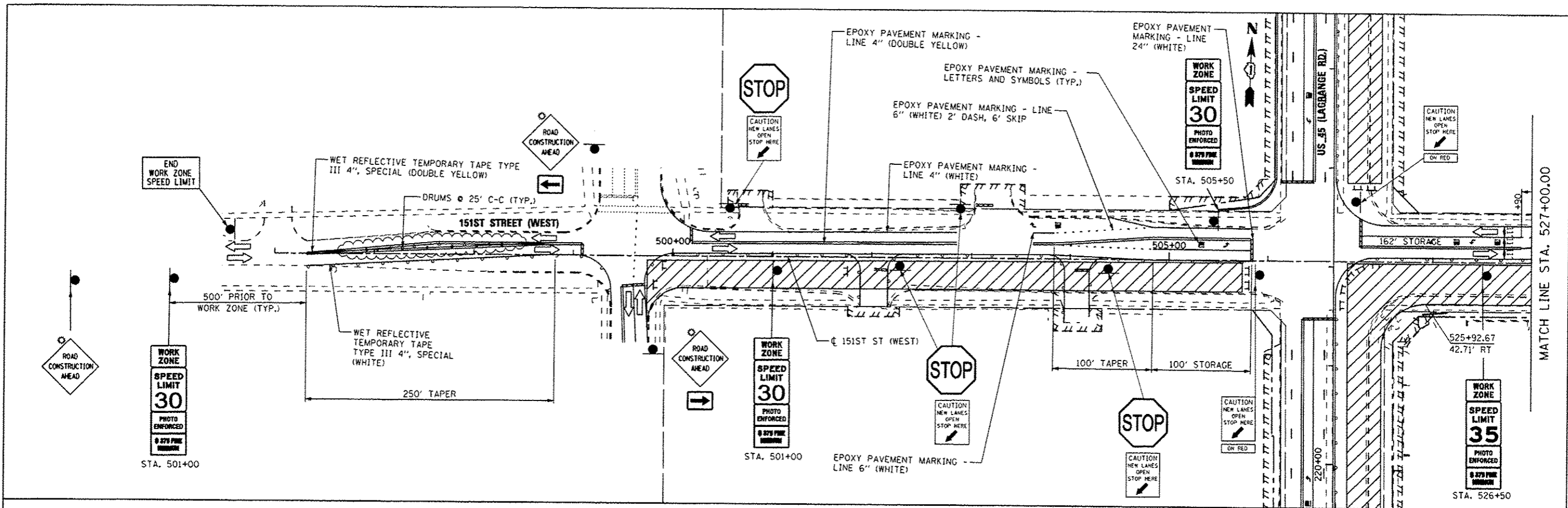
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	PLOT DATE * 4/11/2013	CHECKED - MJT	REVISED -
		DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1 PLAN
US 45 (LAGRANGE ROAD)

SCALE: 1"=50'
SHEET 4 OF 4 SHEETS
STA. 255+00.00 TO STA. END

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 103
MT-08			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



URS
100 S. WACKER DR.
SUITE 2000
CHICAGO, IL 60606
TEL (312) 99-9900
FAX (312) 99-4988

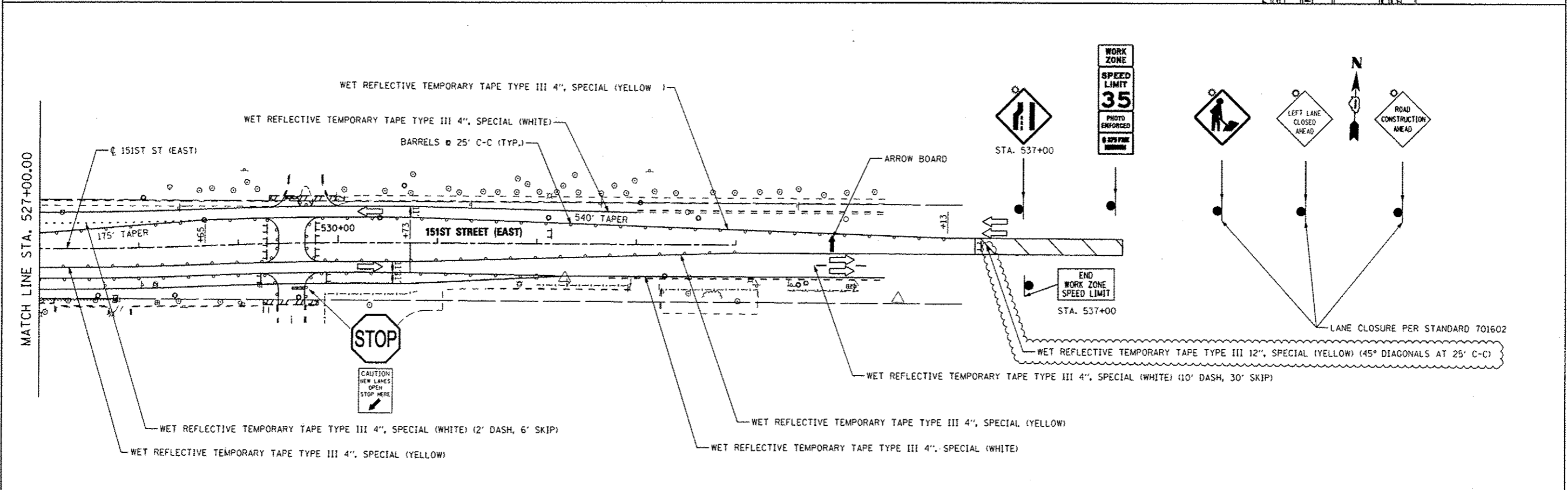
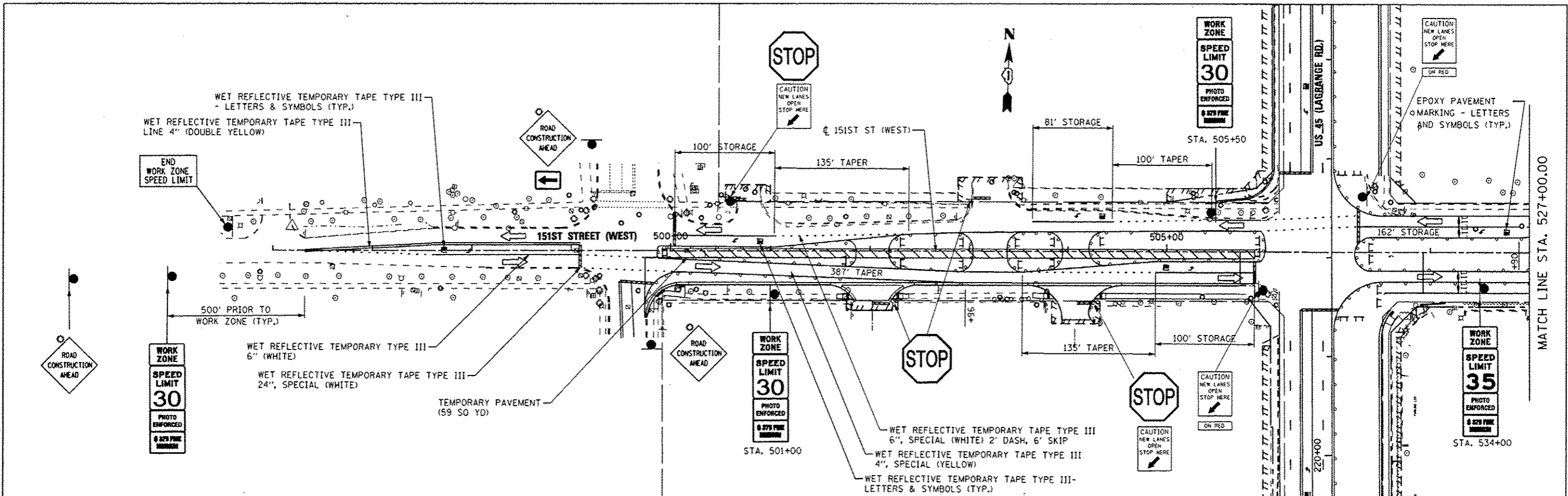
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		TRK	
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		MJT	
		DATE -	REVISED -
		03/13/2013	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC STAGE 1A PLAN
151ST STREET**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	119
SCALE: 1"=50'			SHEET 1 OF 4 SHEETS	
STA. BEGIN TO STA. END			CONTRACT NO. 60M61	

ILLINOIS FED. AID PROJECT



URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL: (312) 867-0000
FAX: (312) 939-4998

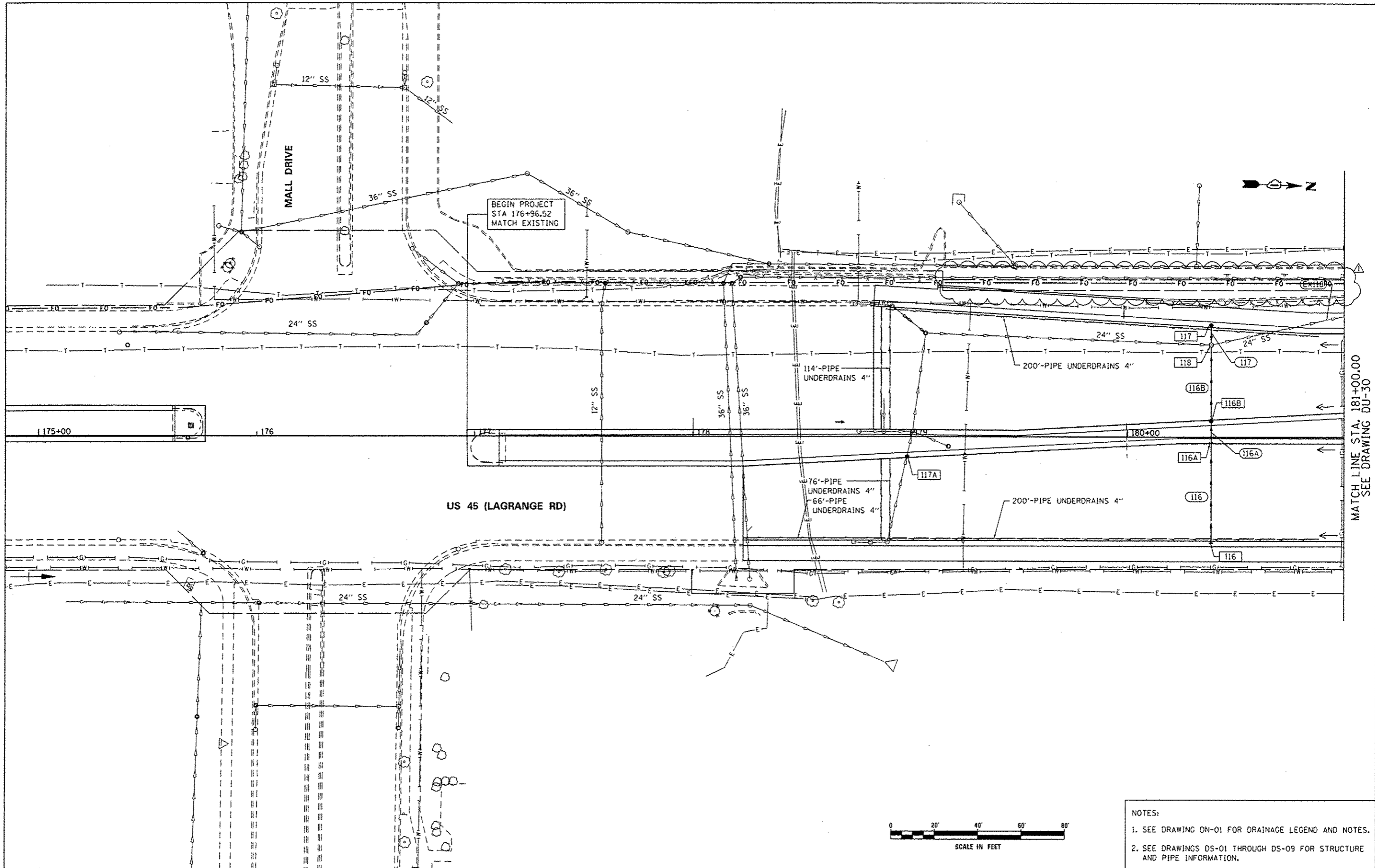
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		CHECKED -	REVISED -
		MJT	
SHT_DOUBLE PLAN	PLOT DATE •	DATE -	REVISED -
	4/11/2013	03/13/2013	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1AA PLAN
151ST STREET

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. BEGIN TO STA. END

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	B77	120
MT-25			CONTRACT NO. 60M61	
[ILLINOIS] FED. AID PROJECT				



URS
 400 S. WACKER DR.
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 CHICAGO, IL 60606
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 FAX (312) 959-4558

FILE NAME * D:\60461-SHT-DRA\NPR01.dgn	USER NAME * james.push	DESIGNED - EJD	REVISED - 04/12/2013
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
		DATE - 03/13/2013	REVISED -
SHT_PLAN	PLOT SCALE * 48.0288 "/in.		
	PLOT DATE * 4/11/2013		

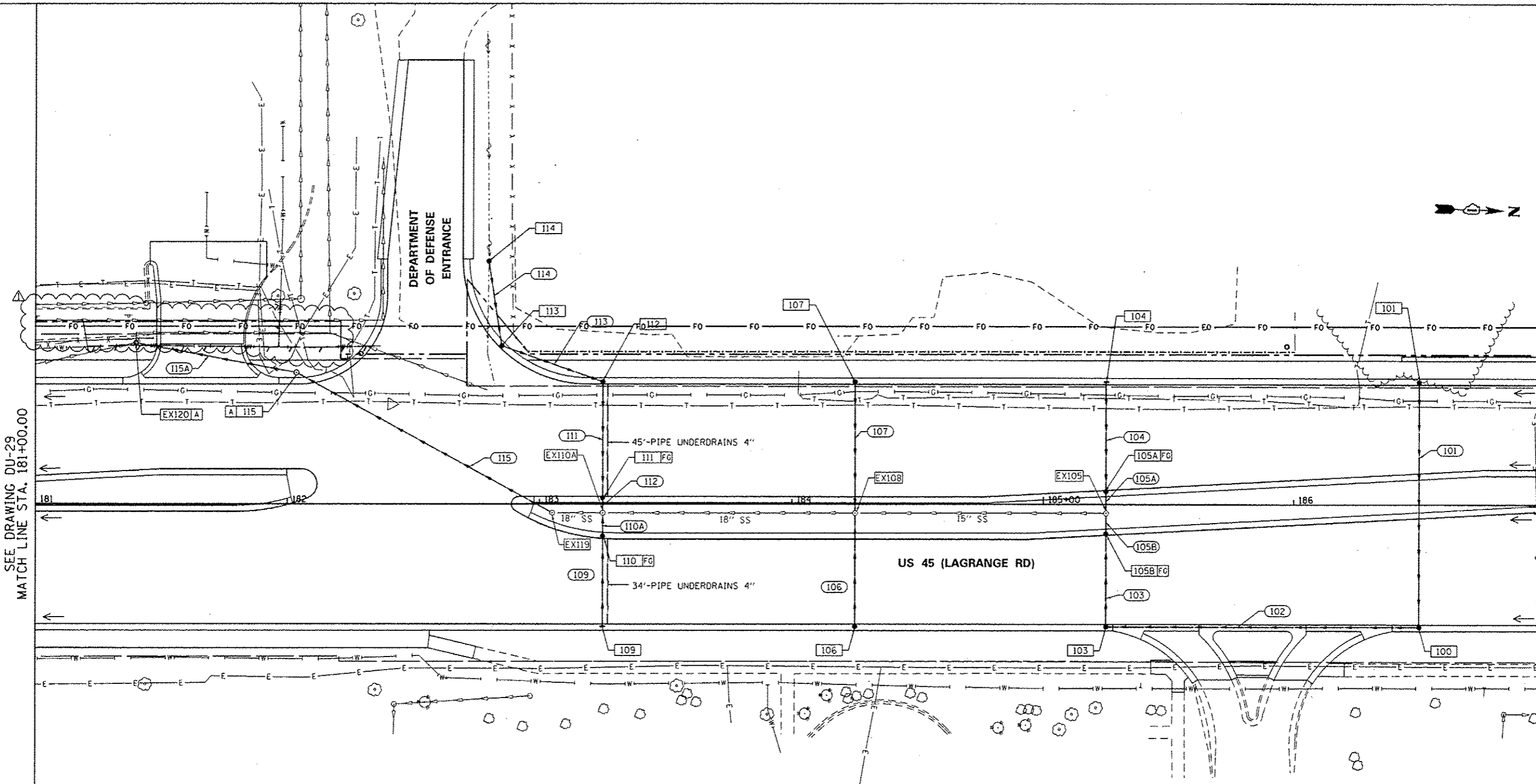
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)

SCALE: 1"=20' SHEET 1 OF 17 SHEETS STA. BEGIN TO STA. 181+00.00

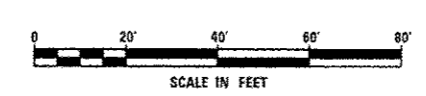
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 187
DU-29		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

- NOTES:
- SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
 - SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.



SEE DRAWING DU-29
MATCH LINE STA. 181+00.00

MATCH LINE STA. 187+00.00
SEE DRAWING DU-31



NOTES:
1. SEE DRAWING DN-01 FOR DRAINAGE LEGEND AND NOTES.
2. SEE DRAWINGS DS-01 THROUGH DS-09 FOR STRUCTURE AND PIPE INFORMATION.

URS
800 S. WICKER DR.
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FILE NAME : DIG0461-SHT-DRAINPR02.dgn	USER NAME : jamesa.push	DESIGNED - EJD	REVISED - 04/12/2013
		DRAWN - EJD	REVISED -
		CHECKED - JWM	REVISED -
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SHT. PLAN	PLOT SCALE = 48.0000' / 1" =		
	PLOT DATE = 4/11/2013		

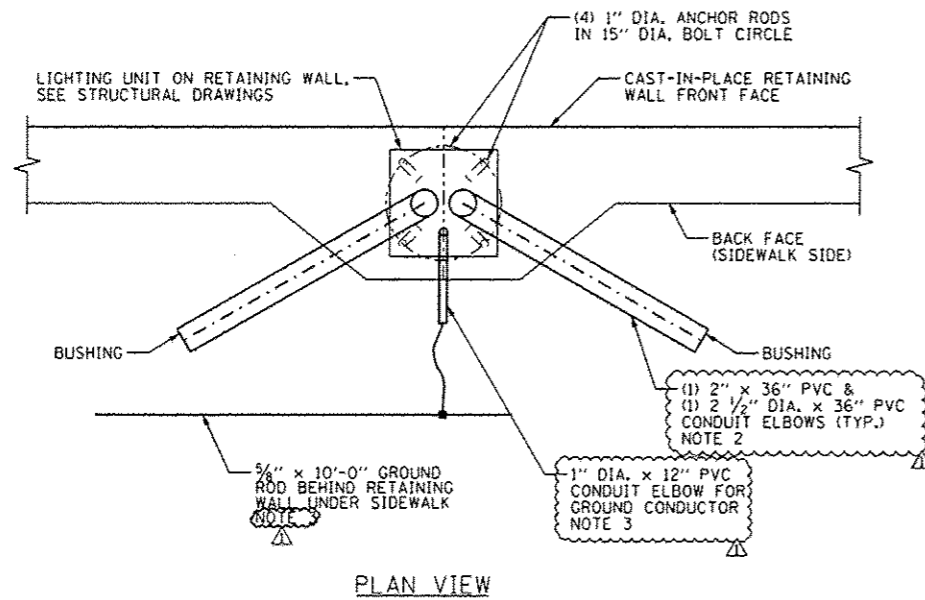
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN - US 45 (LAGRANGE ROAD)
SCALE: 1"=20' SHEET 2 OF 17 SHEETS STA. 181+00.00 TO STA. 187+00.00

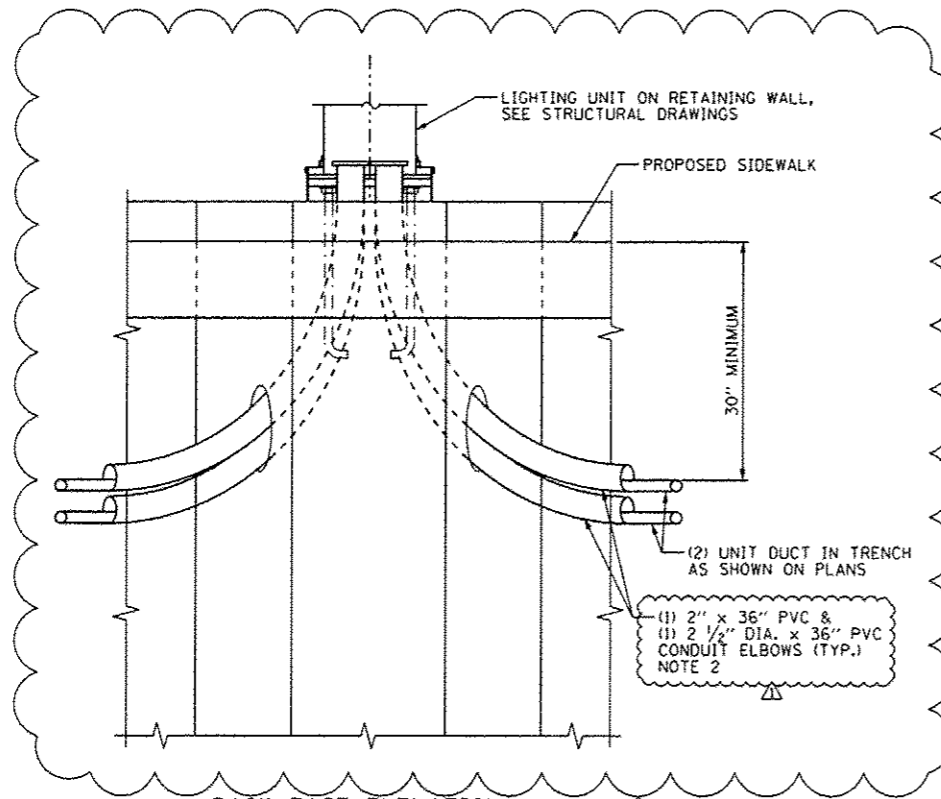
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DU-30			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

NOTES:

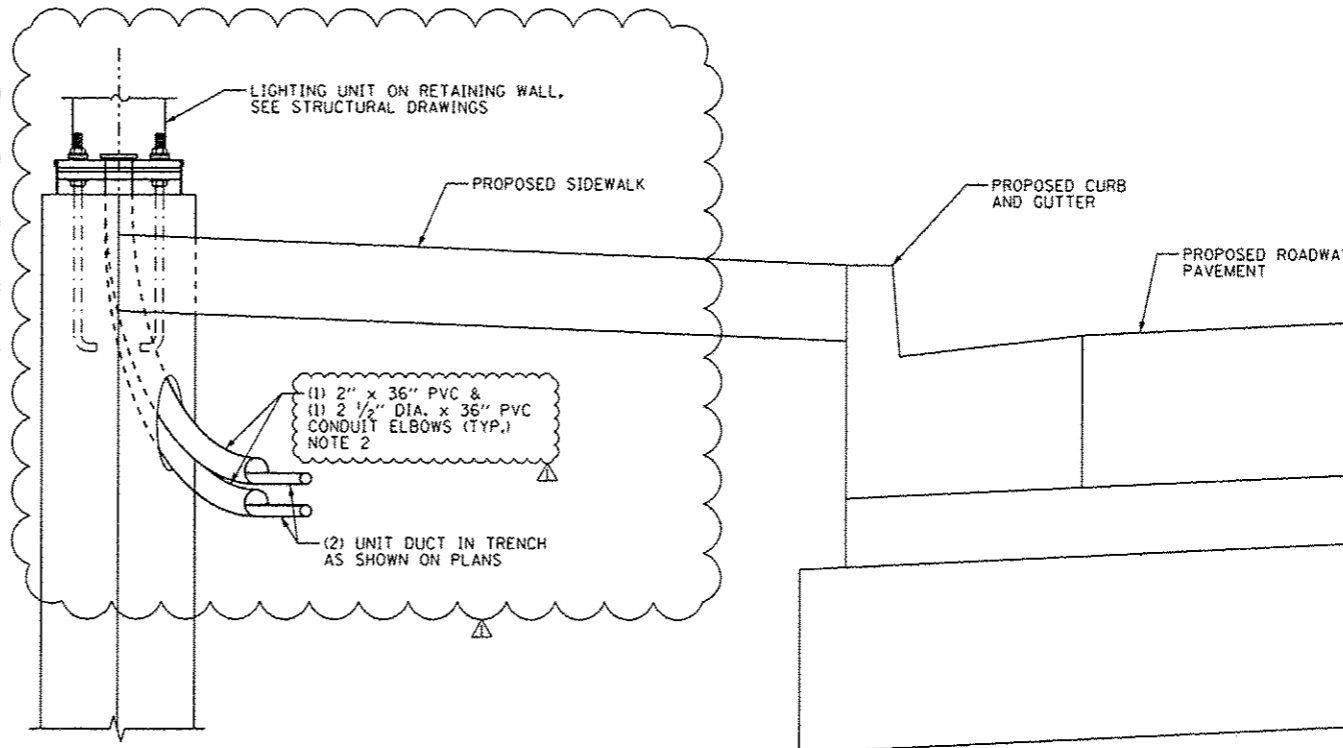
1. SEE DRAWING E-1 FOR ELECTRICAL SYMBOL LIST AND ABBREVIATIONS. SEE DRAWING E-2 FOR ELECTRICAL GENERAL NOTES.
2. CONDUIT ELBOWS IN LIGHT POLE FOUNDATIONS MOUNTED ON RETAINING WALLS ARE PAID FOR SEPARATELY AND ARE NOT INCLUDED IN THE COST OF THE LIGHT POLE FOUNDATION.
3. GROUND RODS AND GROUNDING MATERIALS ARE INCLUDED IN THE COST OF THE FOUNDATIONS AND ARE NOT PAID FOR SEPARATELY.



PLAN VIEW



BACK FACE ELEVATION
(GROUNDING SYSTEM OMITTED)



SECTION

LIGHT POLE ON CAST-IN-PLACE RETAINING WALL
N.T.S.

URS
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 TEL 312-939-0000
 FAX 312-939-4598

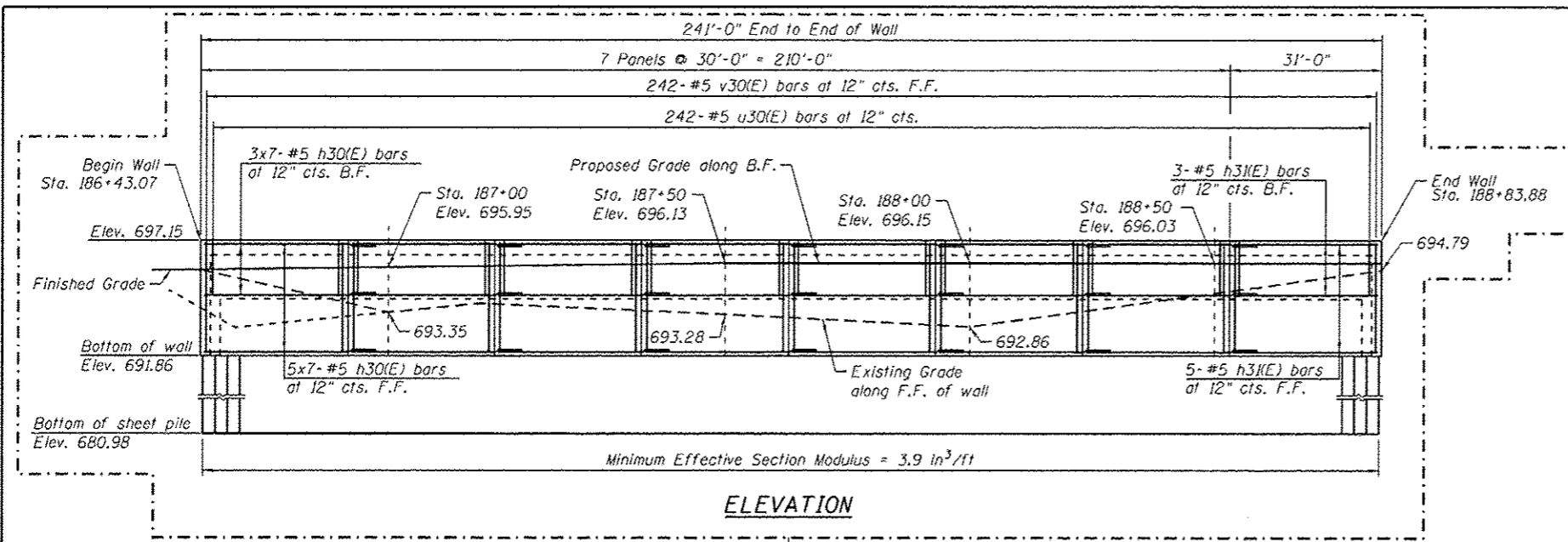
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		CHECKED - DAD	REVISED -
SHT_PLAN	PLOT DATE * 4/11/2013	DATE - 03/13/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

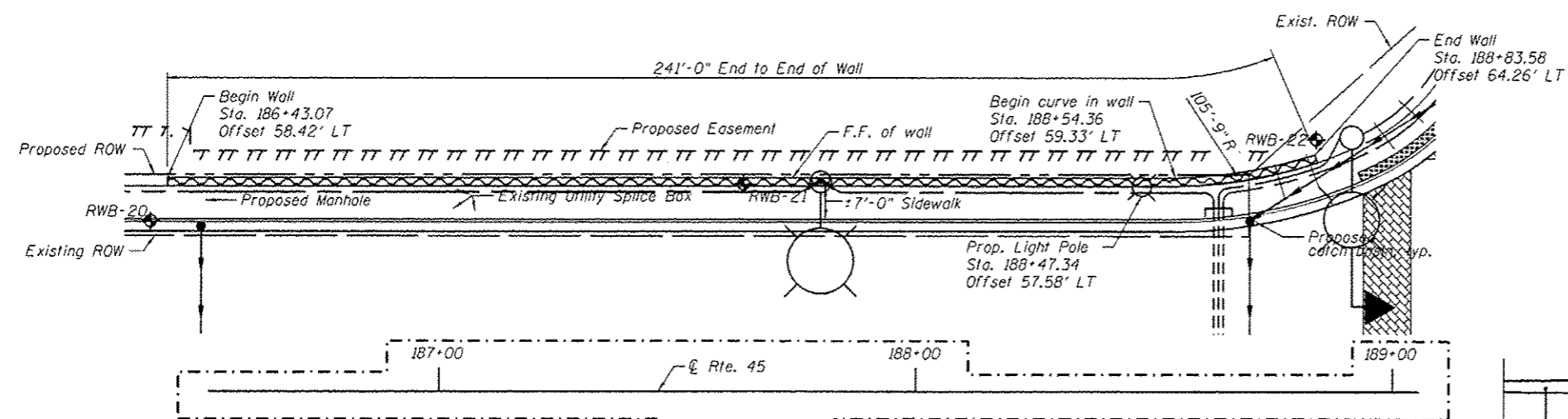
**US 45 (LaGRANGE ROAD)
RETAINING WALL MOUNTED LIGHT POLE INSTALLATION DETAILS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

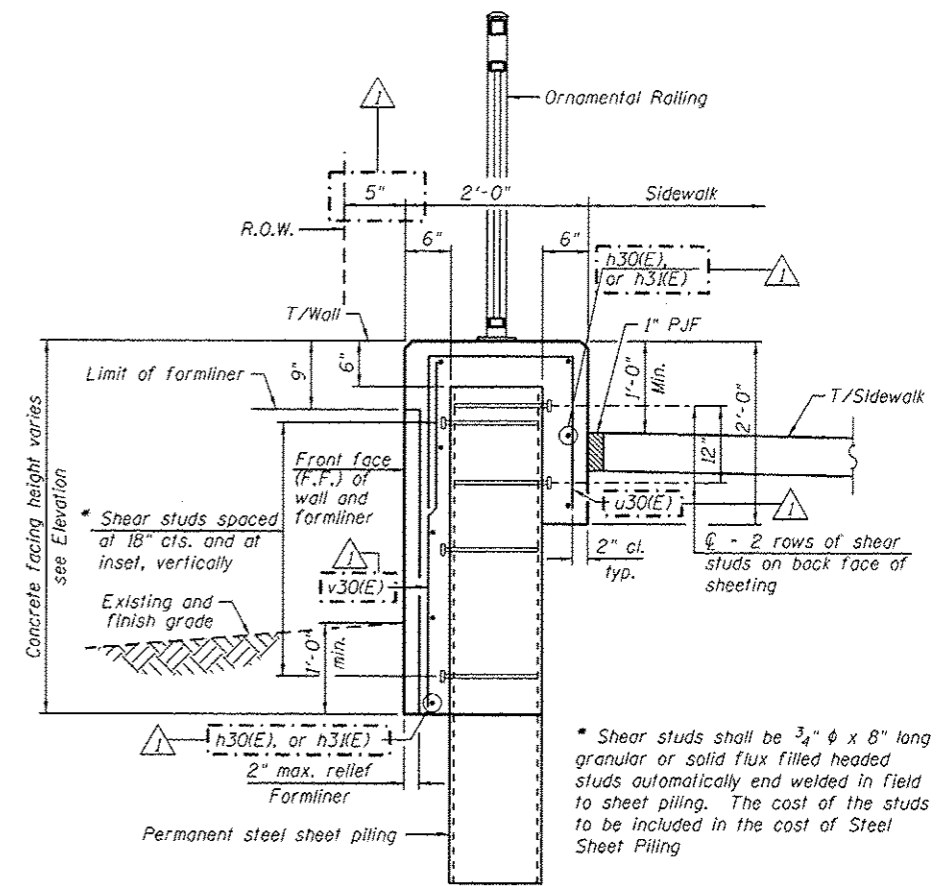
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 470
E-59			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				



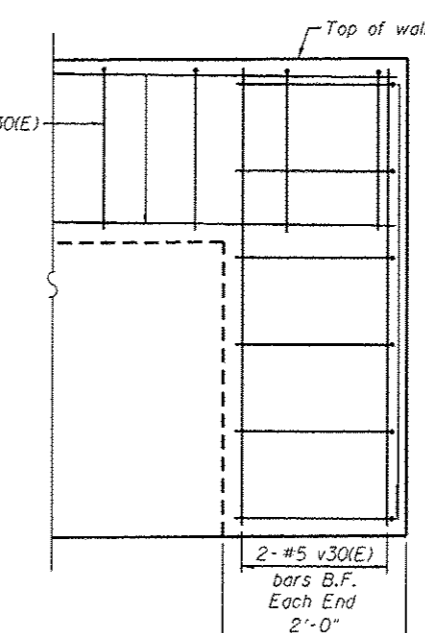
ELEVATION



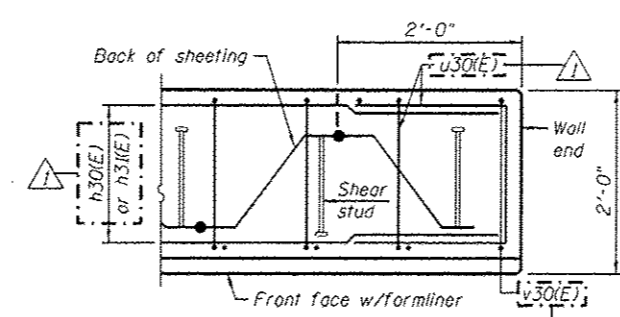
PLAN



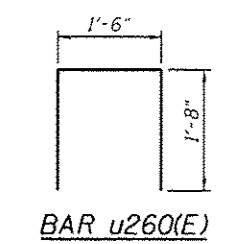
TYPICAL SECTION THROUGH WALL



TYPICAL END CAP DETAIL



PLAN AT END OF WALL



BAR u260(E)

LEGEND
 ◆ Soil Boring
 F.F. Front Face
 B.F. Back Face
 E.F. Each Face

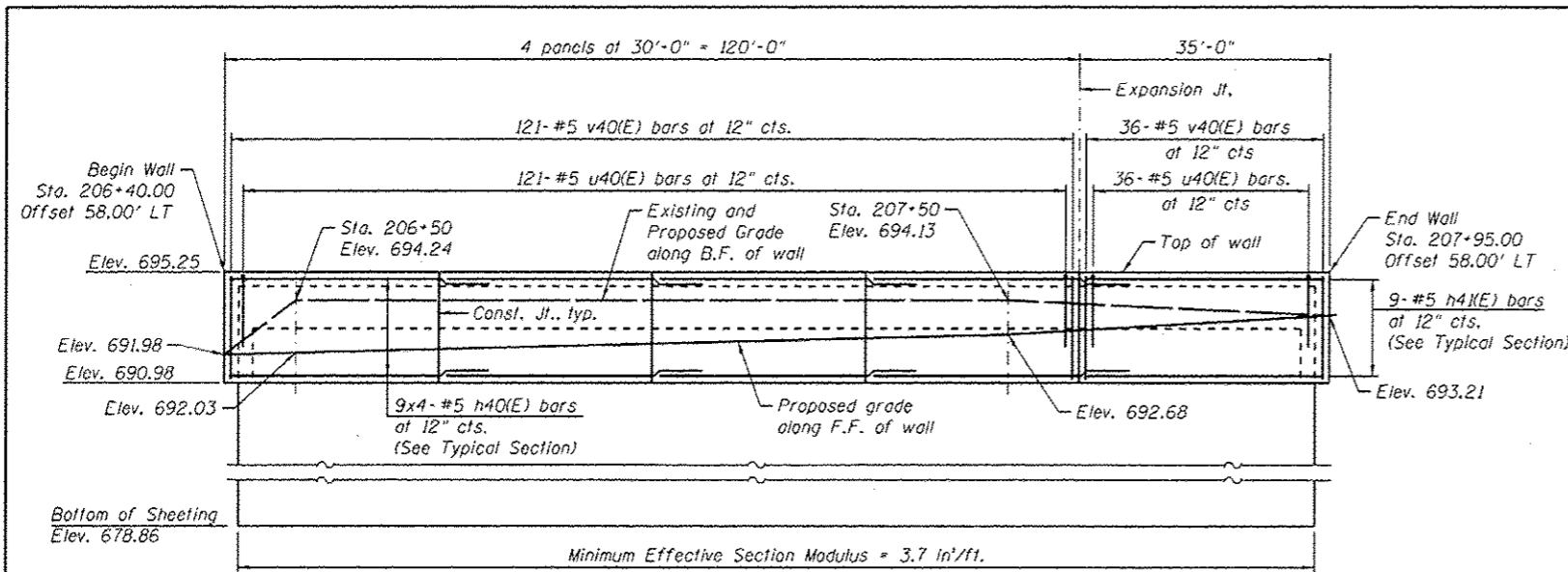
BAR LAPS
 Basic Lap
 #5 bars - 2'-7"
 Top Bar Lap
 #5 bars - 2'-11"

NOTES:
 Wall stations, offsets and dimensions are measured at front face of wall.
 All exposed corners shall have a 1" chamfer.
 For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
 For Typical Wall Details and Ornamental Railing see Sheet 2.
 The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section AZ 1B sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.

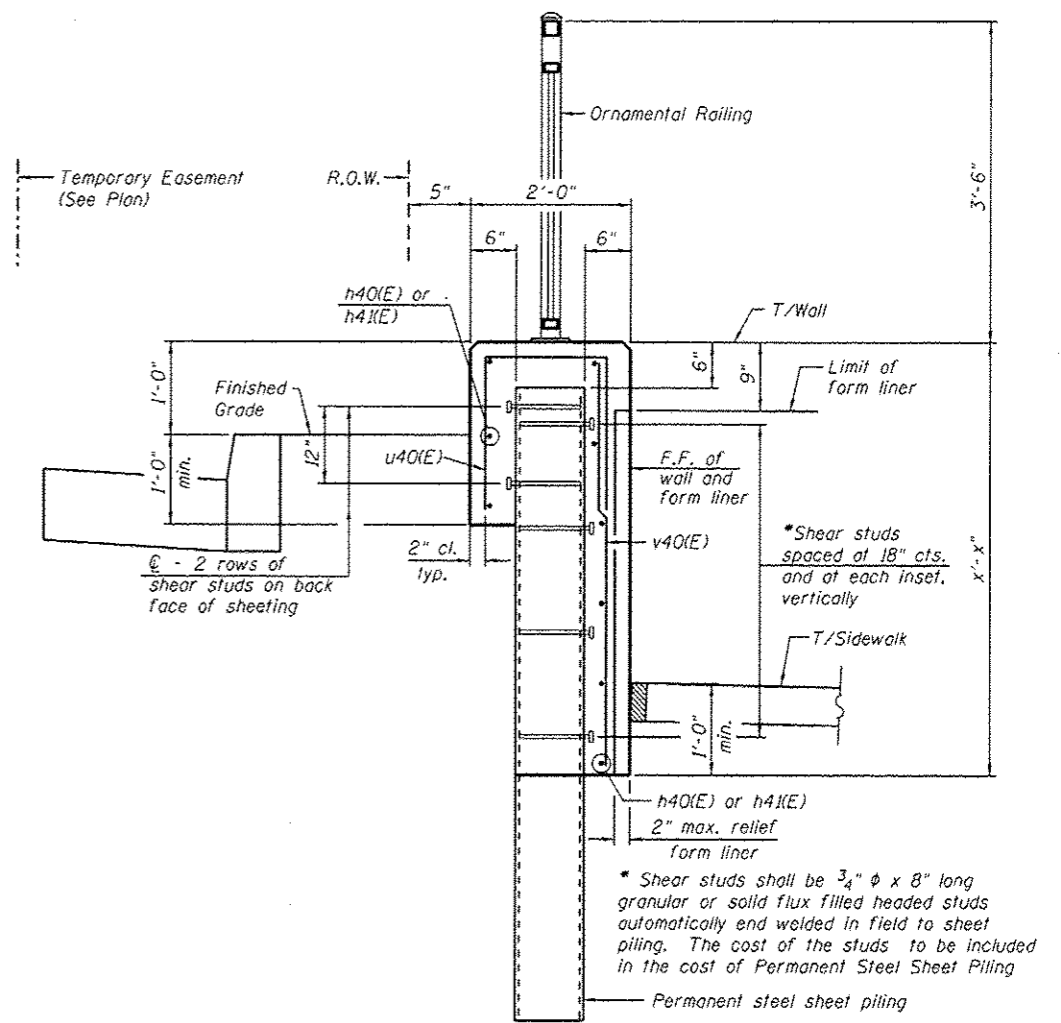
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h30(E)	35	#5	33'-8"	—
h3(E)	21	#5	29'-8"	—
u30(E)	247	#5	4'-10"	□
v30(E)	251	#5	3'-2"	—
Structure Excavation			Cu. Yd.	72
Concrete Structures			Cu. Yd.	94.5
Form Liner Textured Surface			Sq. Ft.	1095
Reinforcement Bars, Epoxy Coated			Pound	3960
Permanent Steel Sheet Piling			Sq. Ft.	3777
Ornamental Railing			Foot	241

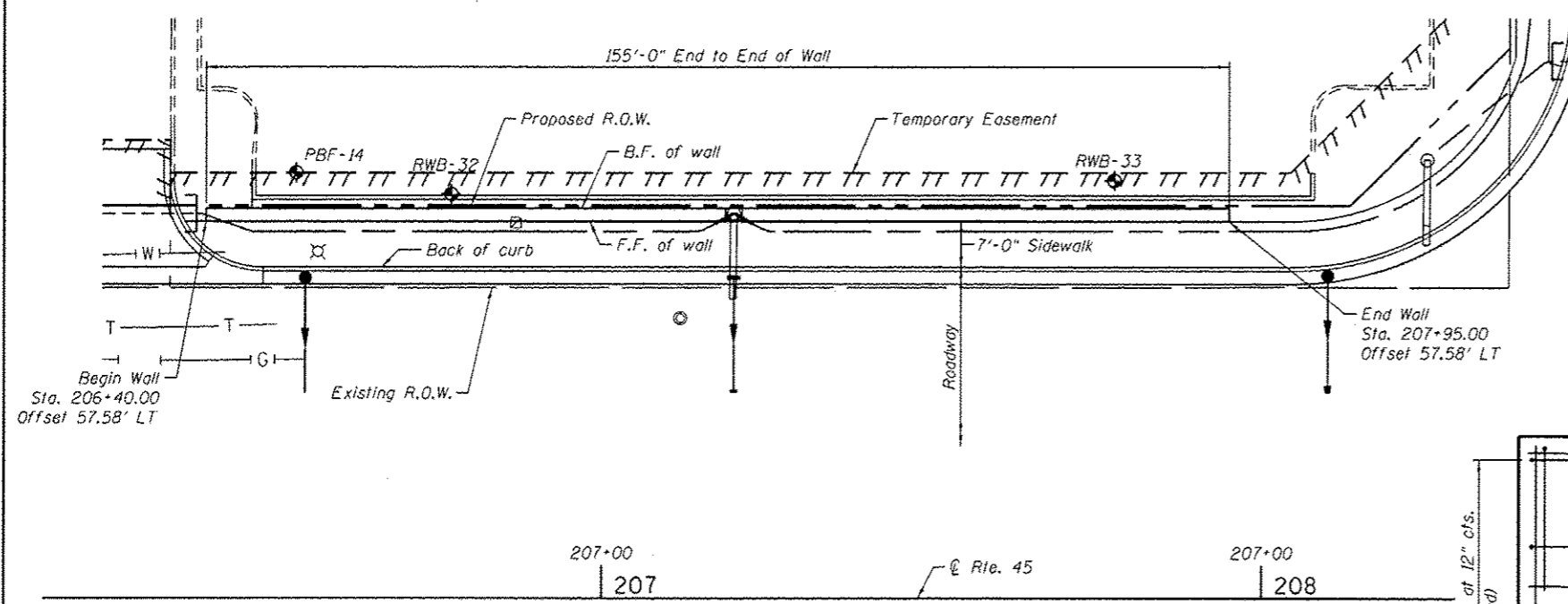
URS
 100 S. Wacker Dr.
 Chicago, IL 60606
 TEL (312) 999-9000
 FAX (312) 999-4598



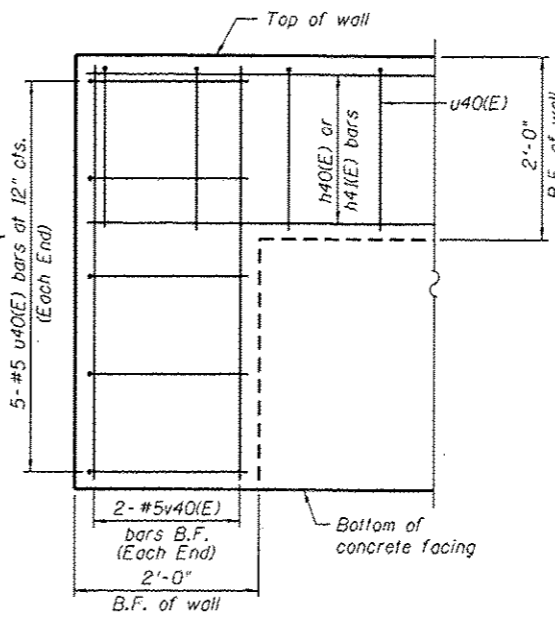
ELEVATION
(Looking West)



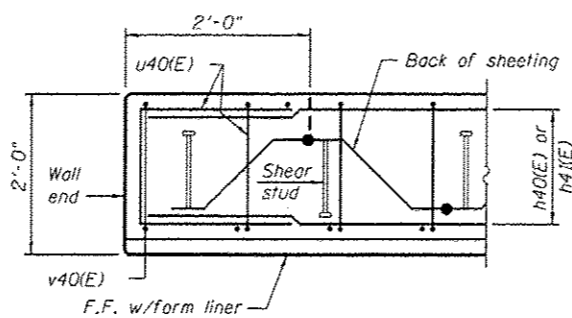
TYPICAL SECTION THROUGH WALL



PLAN



TYPICAL END CAP DETAIL
(v(E) bars in F.F. not shown for clarity)



PLAN AT END OF WALL

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h40(E)	24	#5	32'-11"	—
h41(E)	16	#5	29'-8"	—
u40(E)	163	#5	4'-10"	□
v40(E)	157	#5	4'-5"	—
Structure Excavation			Cu. Yd.	68
Concrete Structures			Cu. Yd.	37.1
Form Liner Textured Surface			Sq. Ft.	546
Reinforcement Bars, Epoxy Coated			Pound	2,870
Permanent Sheet Piling			Sq. Ft.	2,463
Ornamental Railing			Foot	155

Bars indicated thus 3x2-#5 etc. indicates 3 lines of bars with 2 lengths per line.

LEGEND

- ① - Panel No.
- ◆ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

BAR LAPS

- Basic Lap
- #5 bars - 2'-7"
- Top Bar Lap
- #5 bars - 2'-11"

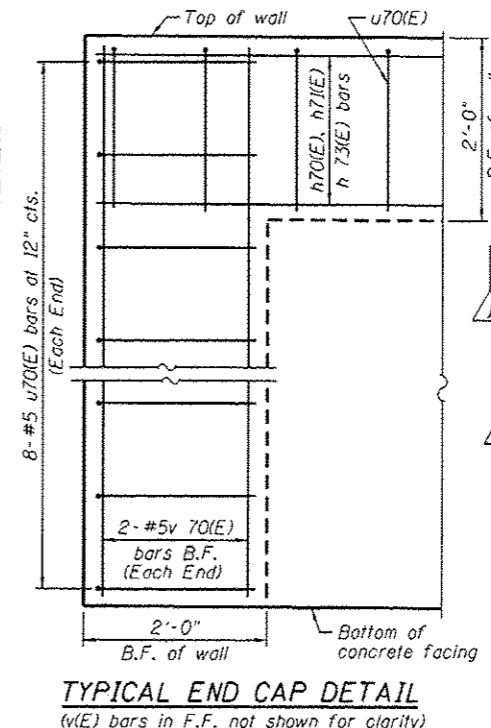
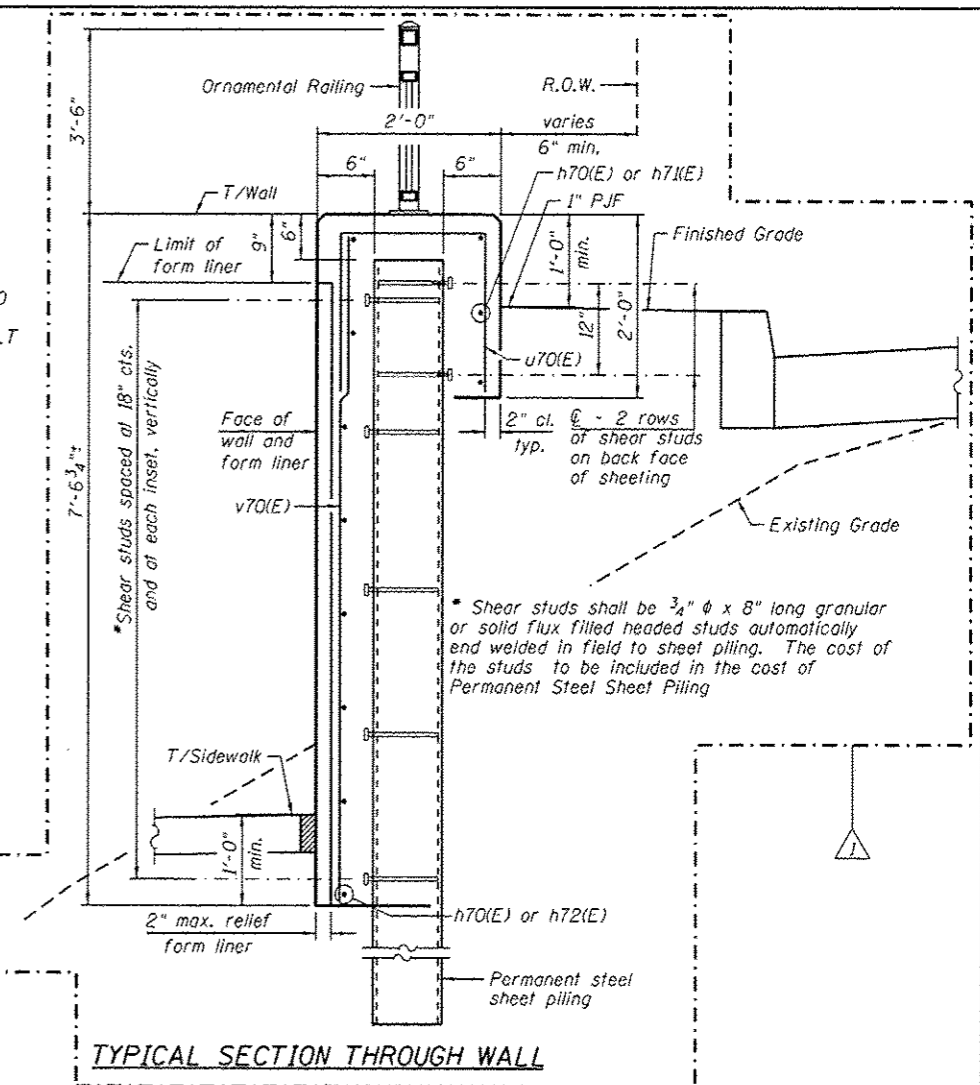
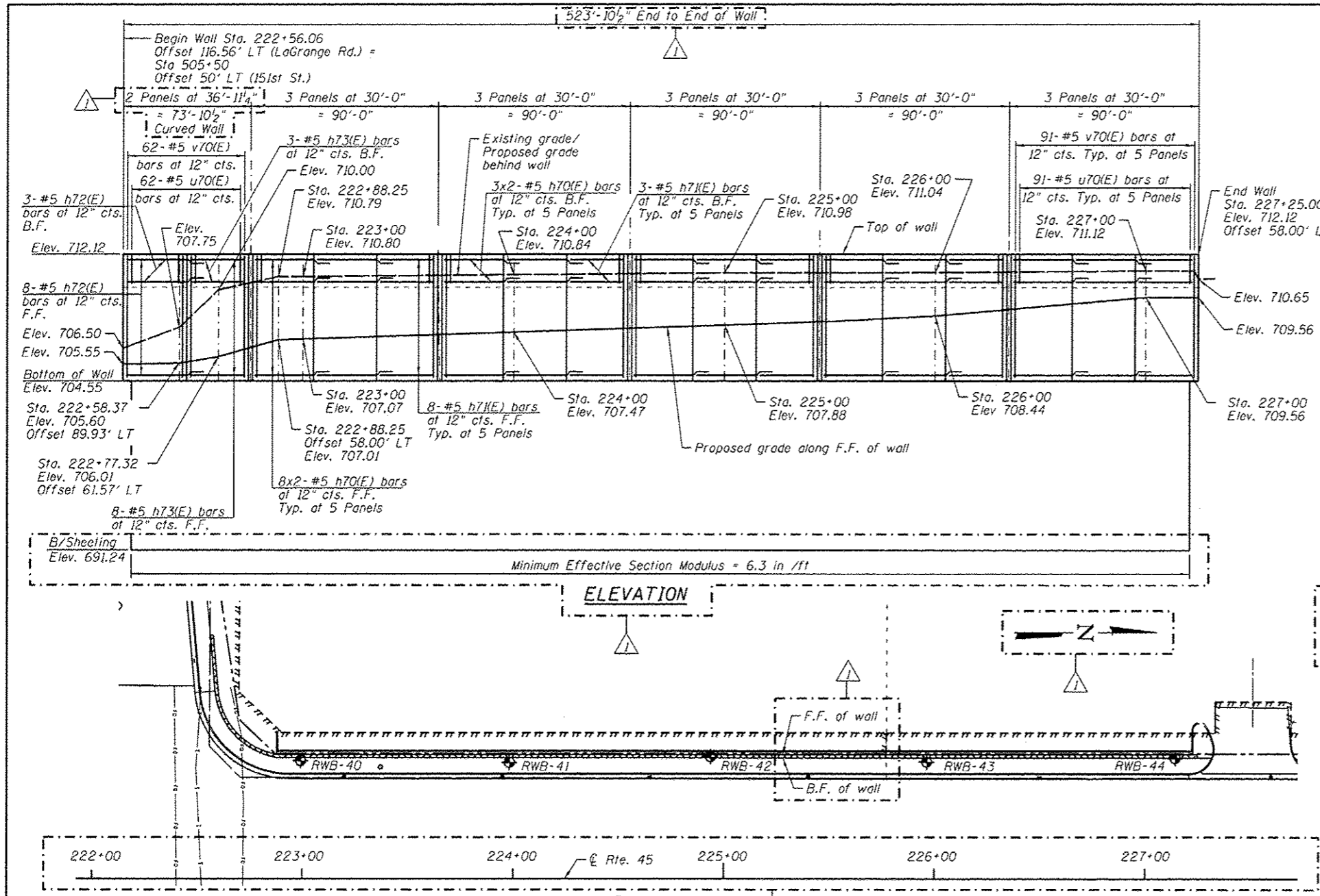
NOTES:

Wall stations, offsets and dimensions are measured at front face of wall.
All exposed corners shall have a 1" chamfer.
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
For Typical Wall Details and Ornamental Railing see Sheet 2.

△ Entire sheet revised

URS
 800 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-4000
 FAX (312) 939-4098

FILE NAME: 0160461-SHT-Wall_04-1.dgn	USER NAME: Patrick.Hennemann	DESIGNED: KMP	REVISED: 04/12/2013 K.M.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL NO. 4 - S.N. 016-2030 STA. 206+40.00 TO 207+95.00	F.A.P. RITE: 330	SECTION: 103R-4	COUNTY: COOK	TOTAL SHEETS: 877	SHEET NO.: 481
PLOT SCALE: 25.0000' = 1"	DRAWN: KMP	REVISOR:	CONTRACT NO.: 60M61							
PLOT DATE: 4/15/2013	CHECKED:	REVISOR:	ILLINOIS FED. AID PROJECT							



BILL OF MATERIAL

Bar	No.	Size	Length	
d70(E)	16	#5	5'-6"	
d71(E)	14	#5	8'-3"	
h70(E)	80	#5	32'-11"	
h71(E)	20	#5	29'-8"	
h72(E)	20	#5	26'-0"	
h73(E)	20	#5	24'-4"	
v70(E)	468	#5	6'-1"	
u70(E)	436	#5	4'-10"	
Structure Excavation			Cu. Yd.	411
Concrete Structures			Cu. Yd.	240.2
Form Liner Textured Surface			Sq. Ft.	8,933
Reinforcement Bars, Epoxy Coated			Pound	9,800
Permanent Sheet Piling			Foot	10,677
Ornamental Railing			Foot	511

Bars indicated thus 3x2-#5 h10(E) etc. Indicates 3 lines of bars with 2 lengths per line.

NOTES:

Wall stations, offsets and dimensions are measured at front face of wall. All exposed corners shall have a 1" chamfer.

For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.

For Typical Wall Details and Ornamental Railing see Sheet 2.

The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section AZ 18 sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.

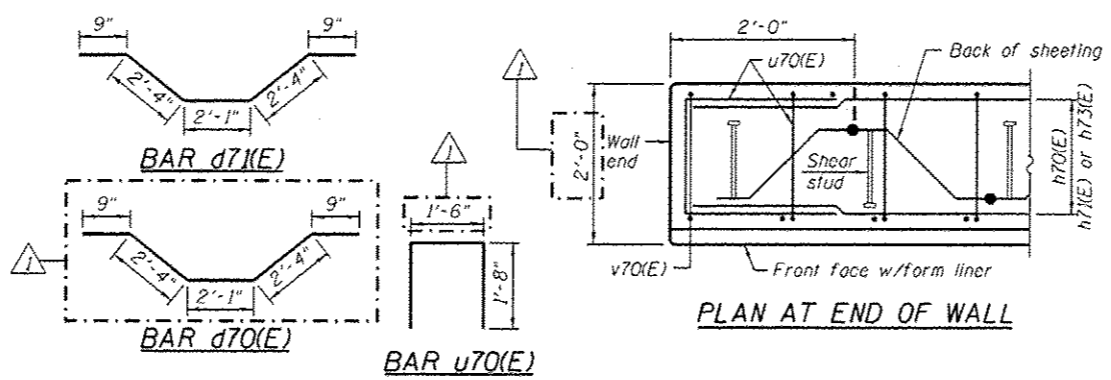
LEGEND

- ① - Panel No.
- ◆ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

BAR LAPS

Basic Lap
#5 bars - 2'-7"

Top Bar Lap
#5 bars - 2'-11"



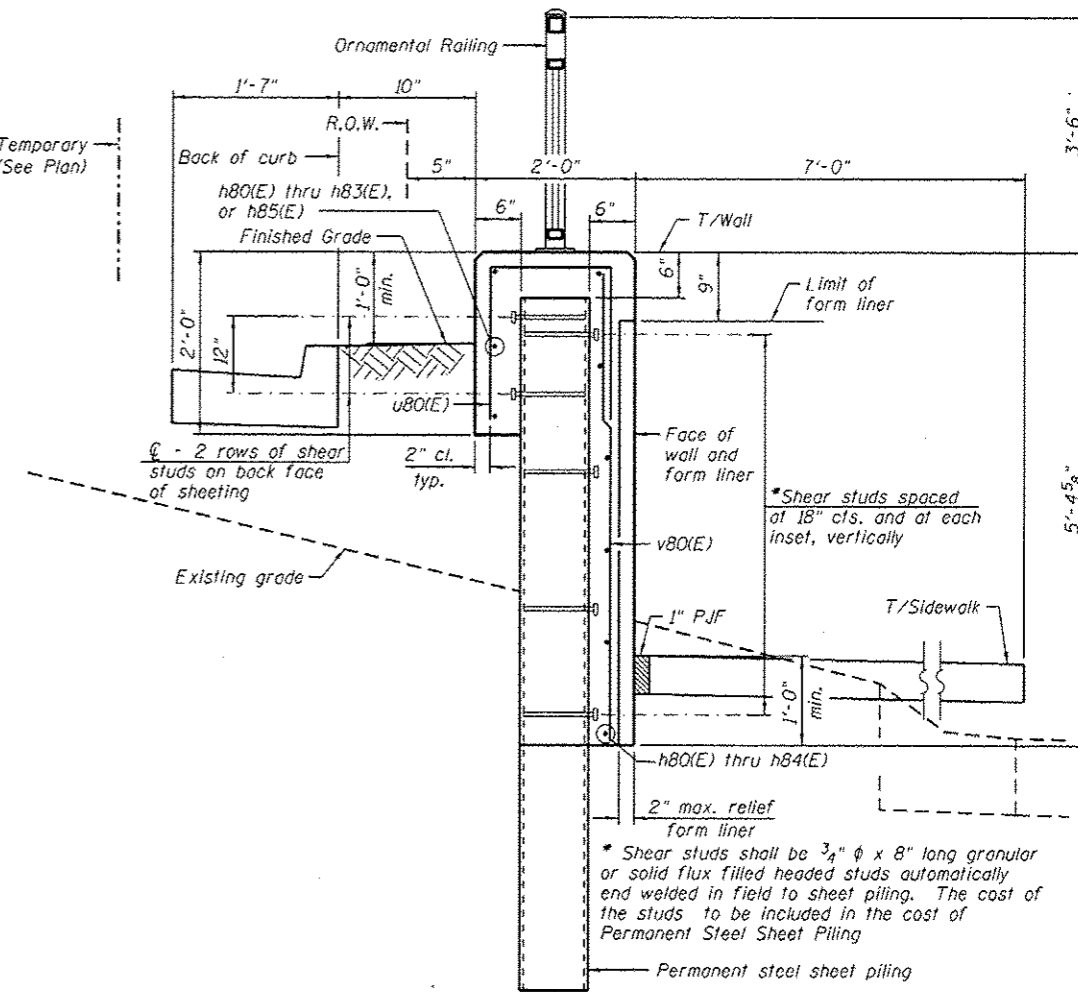
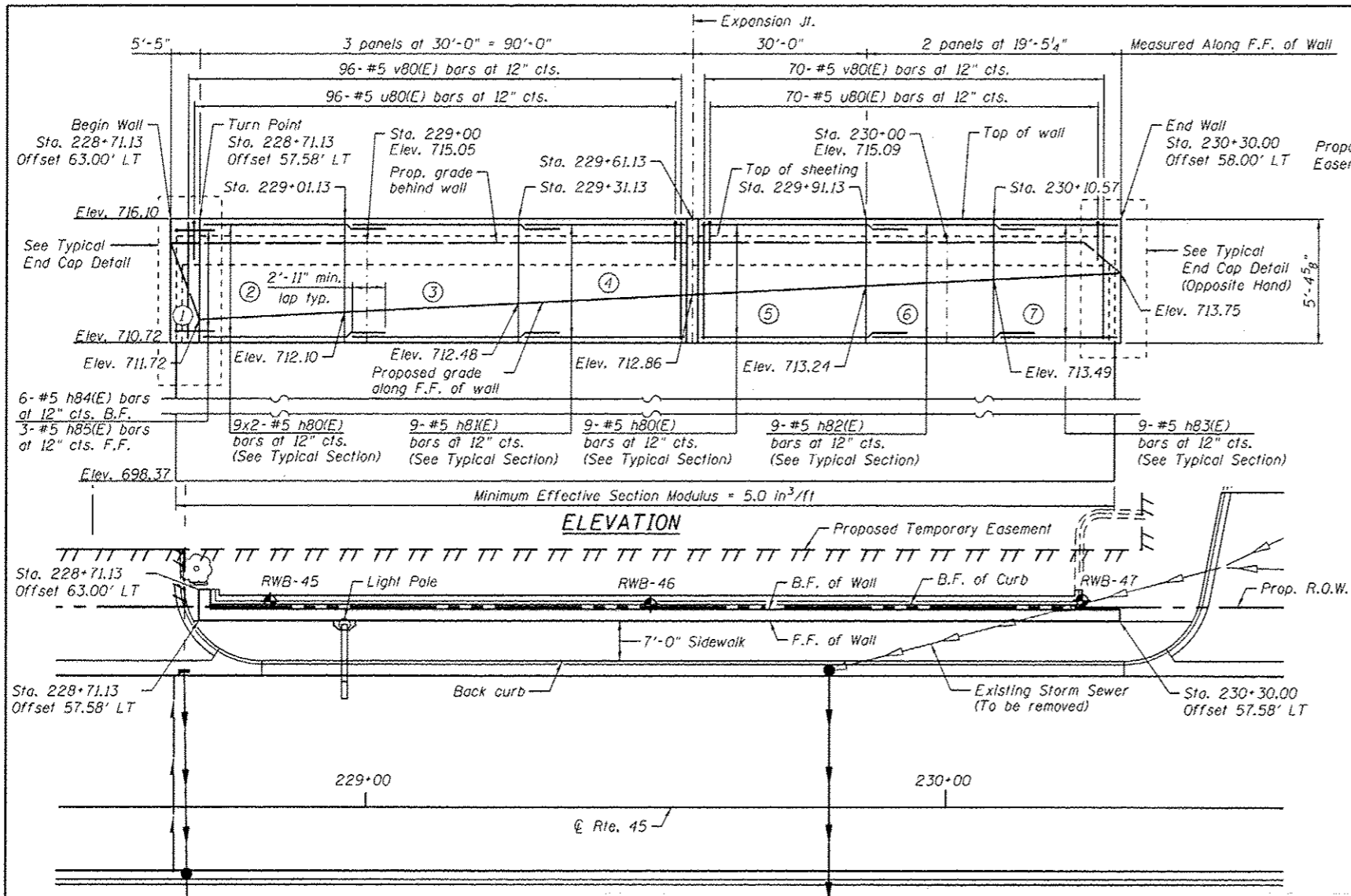
URS
800 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 999-0000
FAX (312) 999-4636

FILE NAME = D:\6061-SHT-Wall.07-1.dgn	USER NAME = Patrick.Hannemann	DESIGNED - KMP	REVISED - 04/12/2013 K.M.P.
		CHECKED -	REVISED -
		DRAWN - KMP	REVISED -
		CHECKED -	REVISED -
			REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL NO. 7 - S.N. 016-2033
STA. 222+56.06 TO 227+25.00
SHEET NO. 7 OF 42 SHEETS

F.A.P. R.T.E. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 483
				CONTRACT NO. 60M61
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION THROUGH WALL

LEGEND

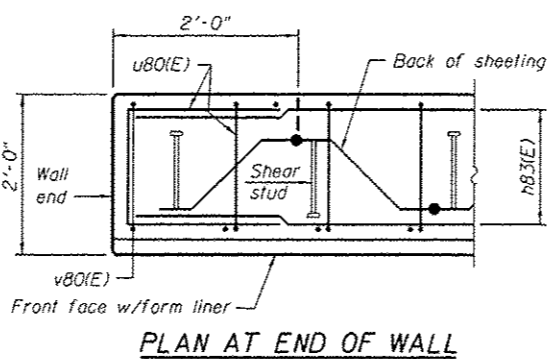
- ① - Panel No.
- ⊙ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

NOTES:

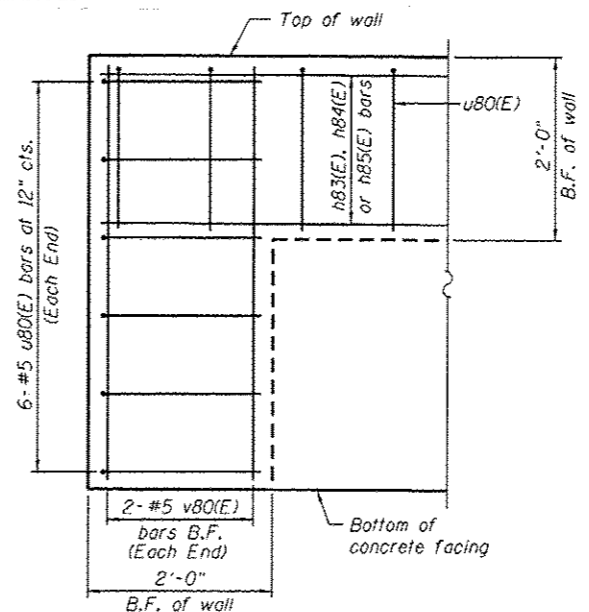
Wall stations, offsets and dimensions are measured at front face of wall.
 All exposed corners shall have a 1" chamfer.
 For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
 For Typical Wall Details and Ornamental Railing see Sheet 2.

BAR LAPS

- Basic Lap
#5 bars - 2'-7"
- Top Bar Lap
#5 bars - 2'-11"



PLAN AT END OF WALL



TYPICAL END CAP DETAIL
(v(E) bars in F.F. not shown for clarity)

BILL OF MATERIAL

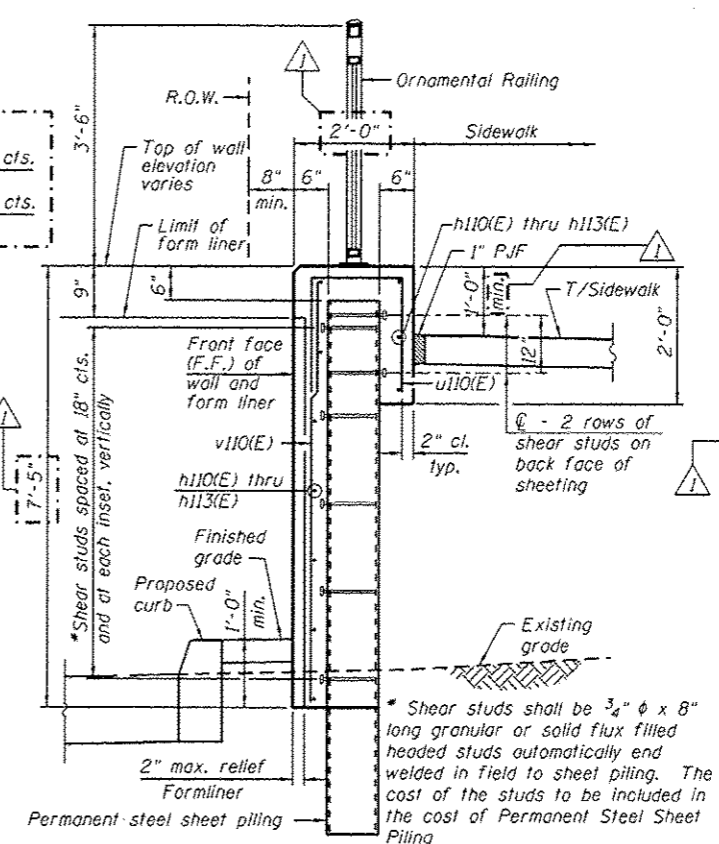
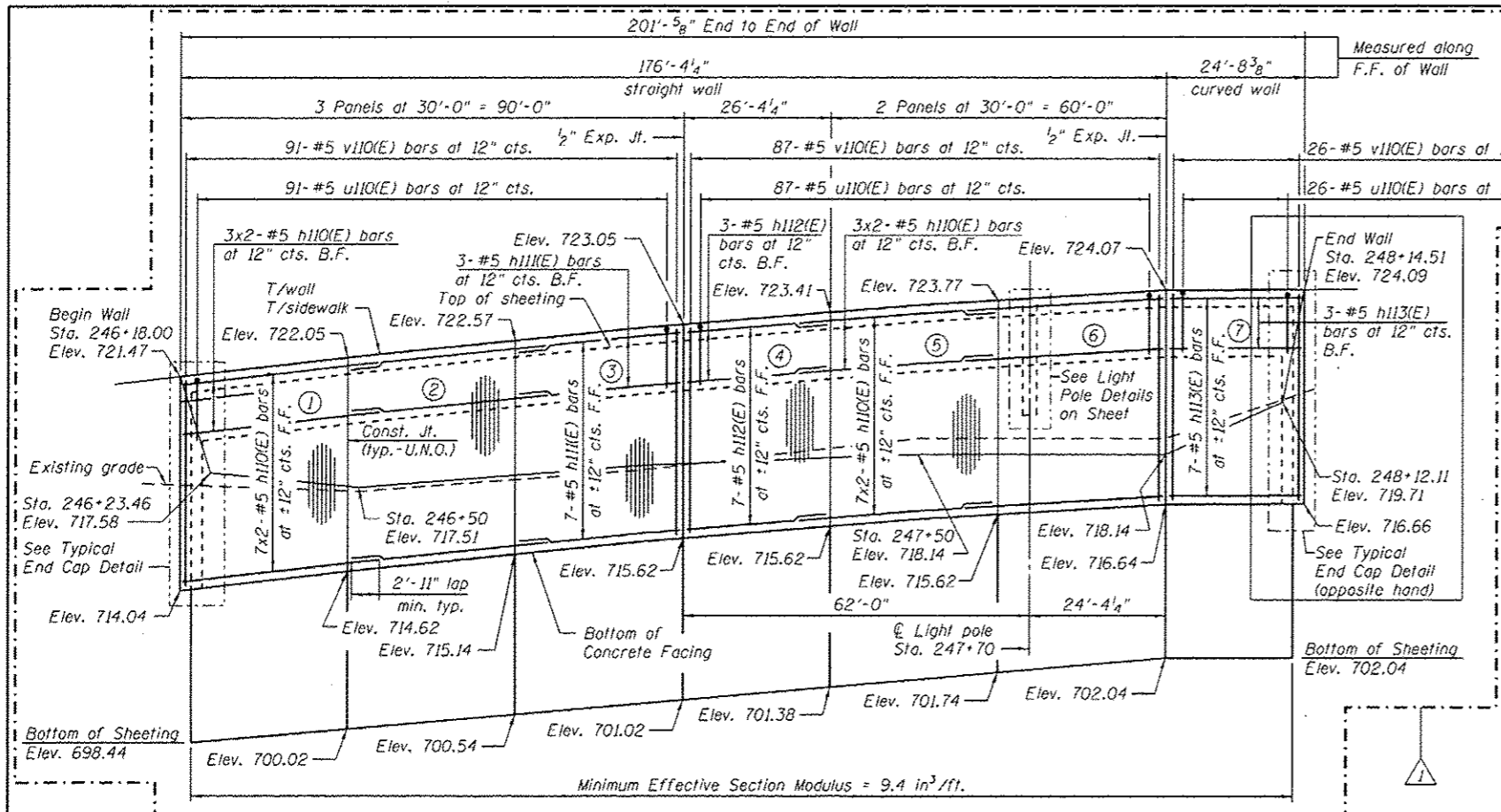
Bar	No.	Size	Length	Shape
h80(E)	27	#5	32'-11"	—
h81(E)	9	#5	29'-8"	—
h82(E)	9	#5	22'-5"	—
h83(E)	9	#5	19'-1"	—
h84(E)	6	#5	9'-8"	—
h85(E)	3	#5	8'-1"	—
u80(E)	163	#5	4'-10"	Π
v80(E)	157	#5	5'-0"	—
Structure Excavation		Cu. Yd.	109	
Concrete Structures		Cu. Yd.	55.5	
Form Liner Textured Surface		Sq. Ft.	761	
Reinforcement Bars, Epoxy Coated		Pound	3,330	
Permanent Sheet Piling		Sq. Ft.	2,831	
Ornamental Railing		Foot	165	

Bars indicated thus 9x2-#5 etc. indicates 9 lines of bars with 2 lengths per line.

Entire sheet revised

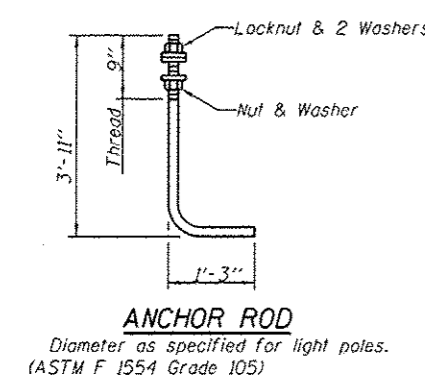
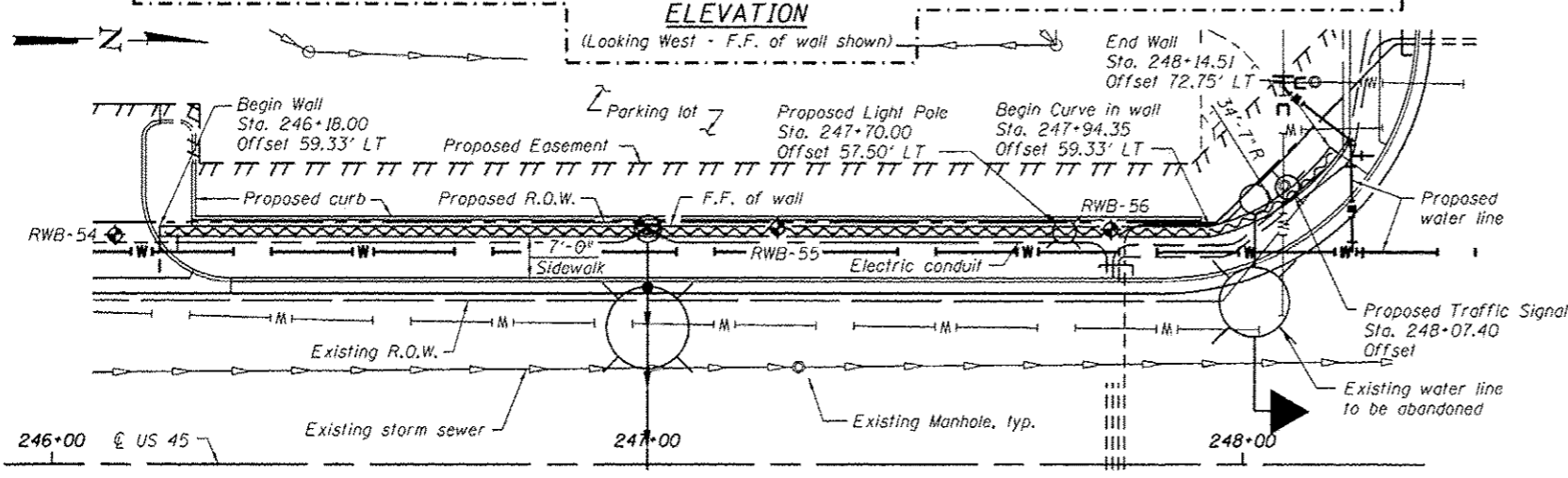
URS
 600 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 999-0000
 FAX (312) 999-0998

FILE NAME: 01608G1-SHT-Wall-08-1.dgn	USER NAME: Patrick.Hannemann	DESIGNED: KMP	REVISION: 04/12/2013 K.M.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL NO. 8 - S.N. 016-2034 STA. 228 + 71.13 TO 230 + 30.00	F.A.P. R.T.E. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 484	CONTRACT NO. 60M61
PLOT SCALE: 25.0000 / 1"				SHEET NO. 8 OF 42 SHEETS		[ILLINOIS] FED. AID PROJECT					



Bar	No.	Size	Length	Shape
d110(E)	8	#5	5'-6"	
d111(E)	7	#5	8'-3"	
h110(E)	10	#5	32'-11"	
h111(E)	10	#5	29'-8"	
h112(E)	10	#5	26'-0"	
h113(E)	10	#5	24'-4"	
v110(E)	234	#5	6'-1"	
u110(E)	218	#5	4'-10"	
Structure Excavation		Cu. Yd.	62	
Concrete Structures		Cu. Yd.	90.9	
Form Liner Textured Surface		Sq. Ft.	1,382	
Reinforcement Bars, Epoxy Coated		Pound	4,900	
Permanent Sheet Piling		Foot	4,344	
Ornamental Railing		Foot	202	

Bars indicated thus 3x2-#5 h110(E) etc. indicates 3 lines of bars with 2 lengths per line.

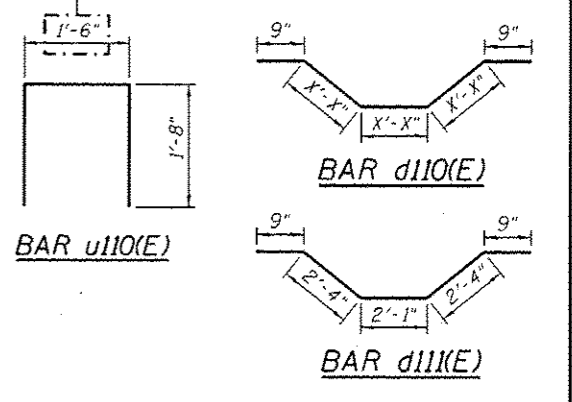
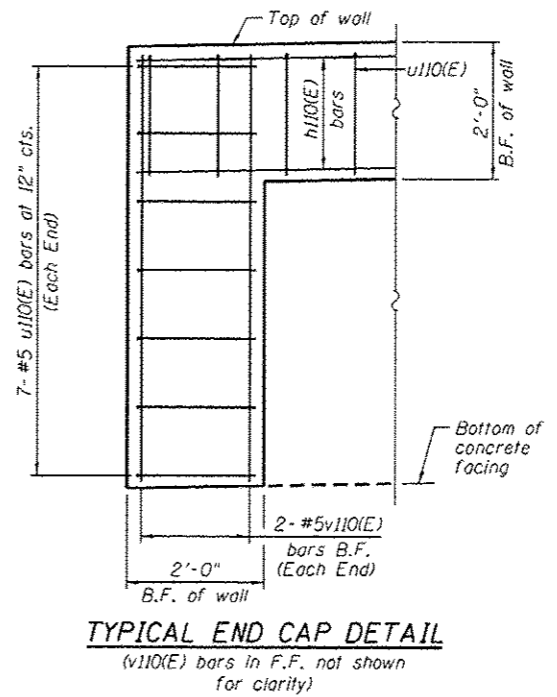
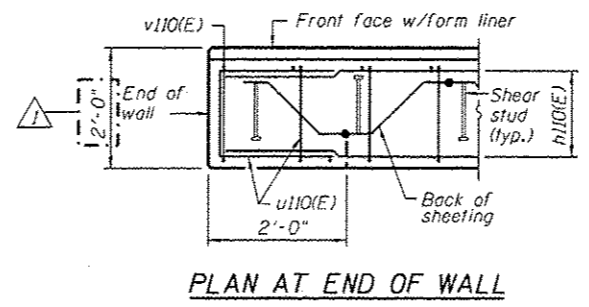


LEGEND

- ① - Panel No.
- ⊕ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

BAR LAPS

Basic Lap	Top Bar Lap
#5 bars - 2'-7"	#5 bars - 2'-11"



NOTES:

Wall stations, offsets and dimensions are measured at front face of wall.

All exposed corners shall have a 1" chamfer.

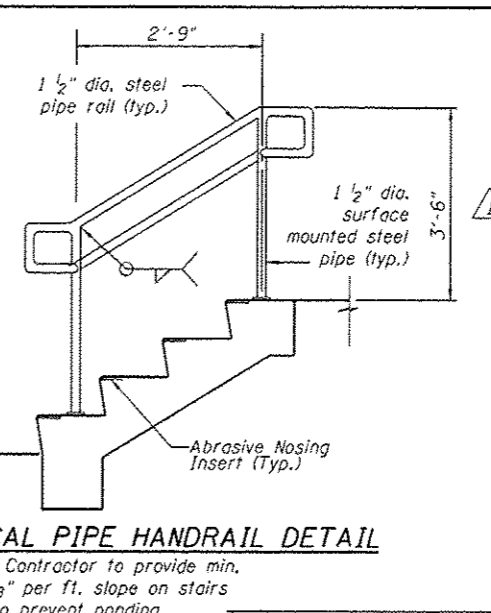
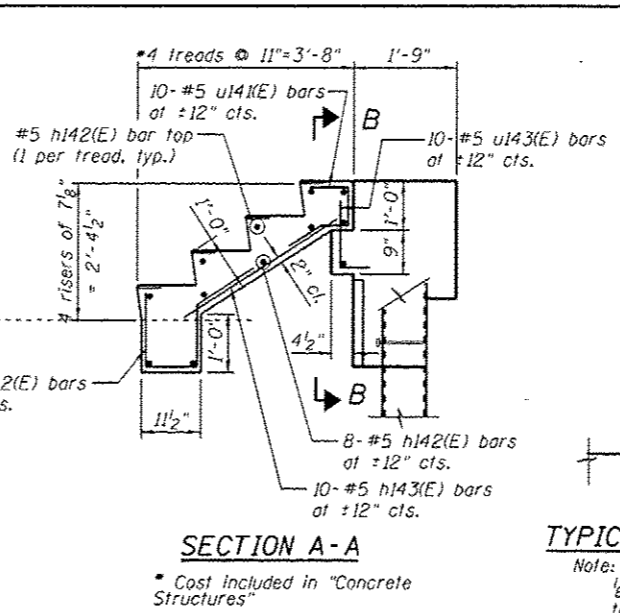
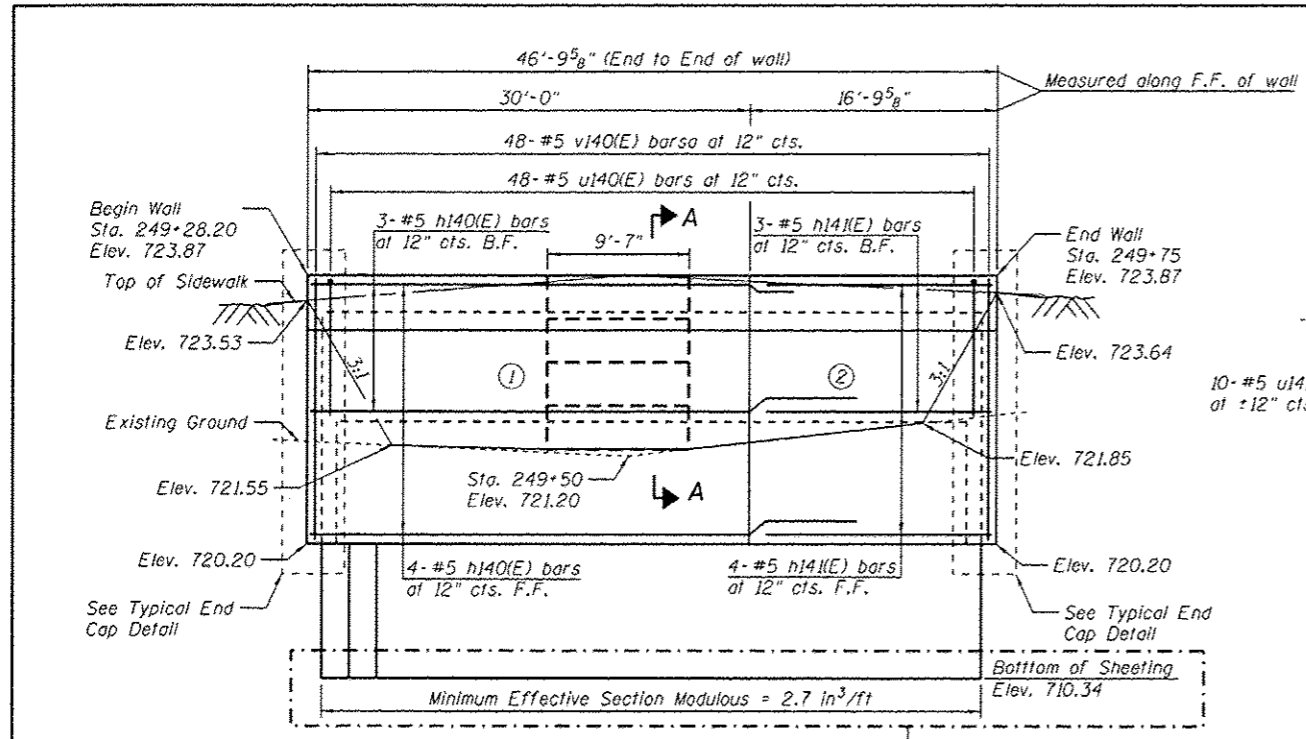
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.

For Typical Wall Details and Ornamental Railing see Sheet 2.

The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section AZ 18 sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.

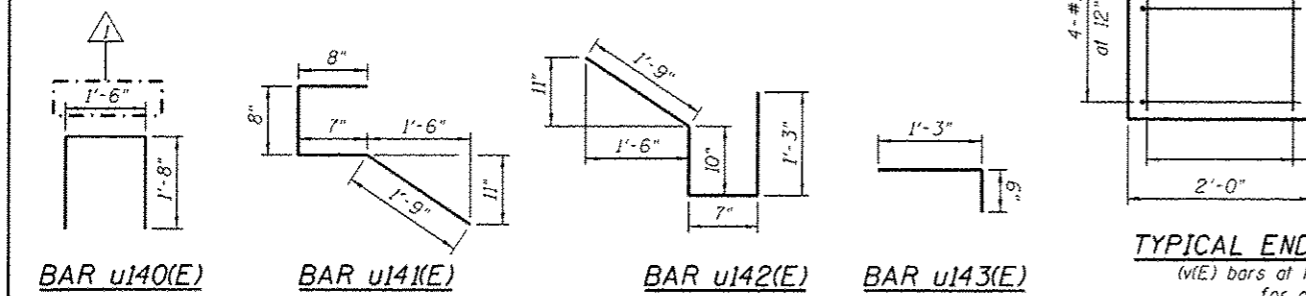
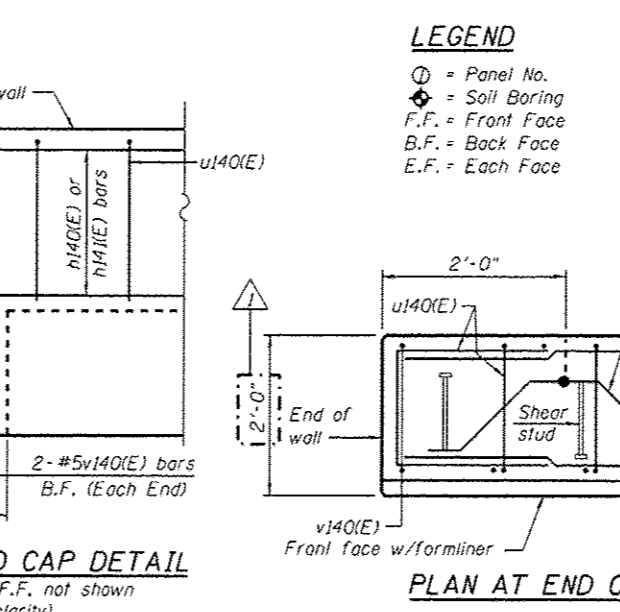
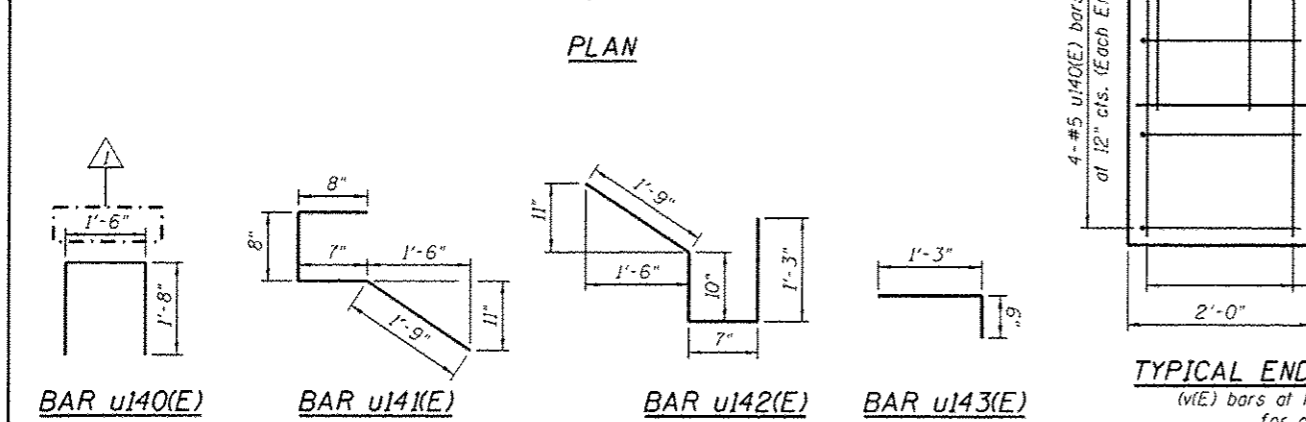
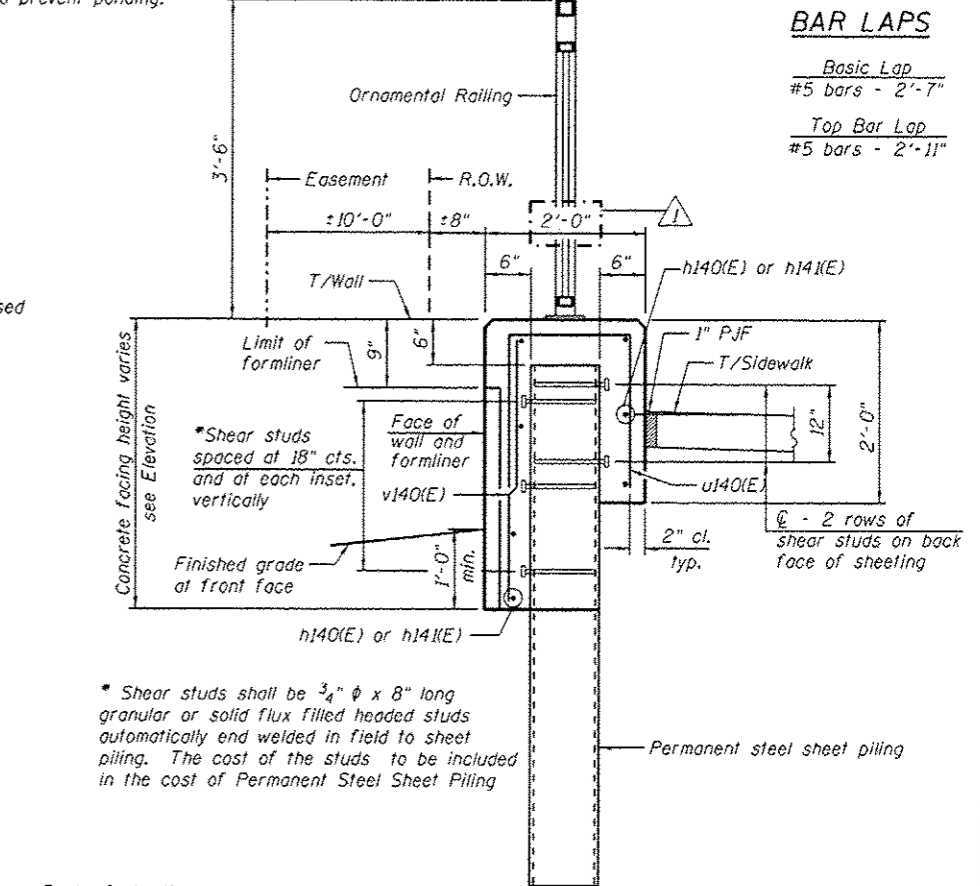
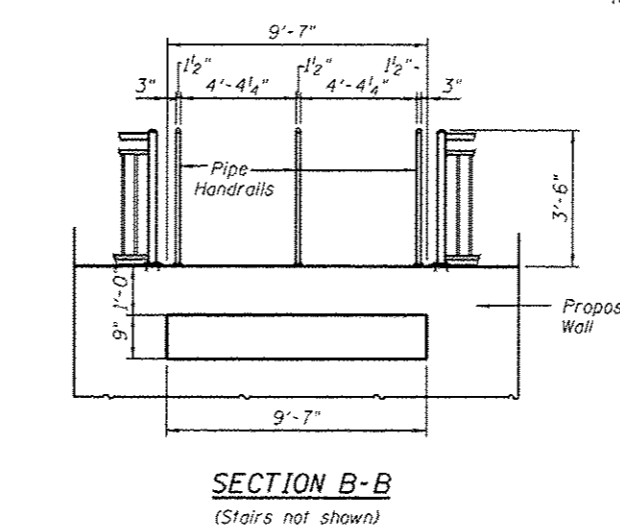
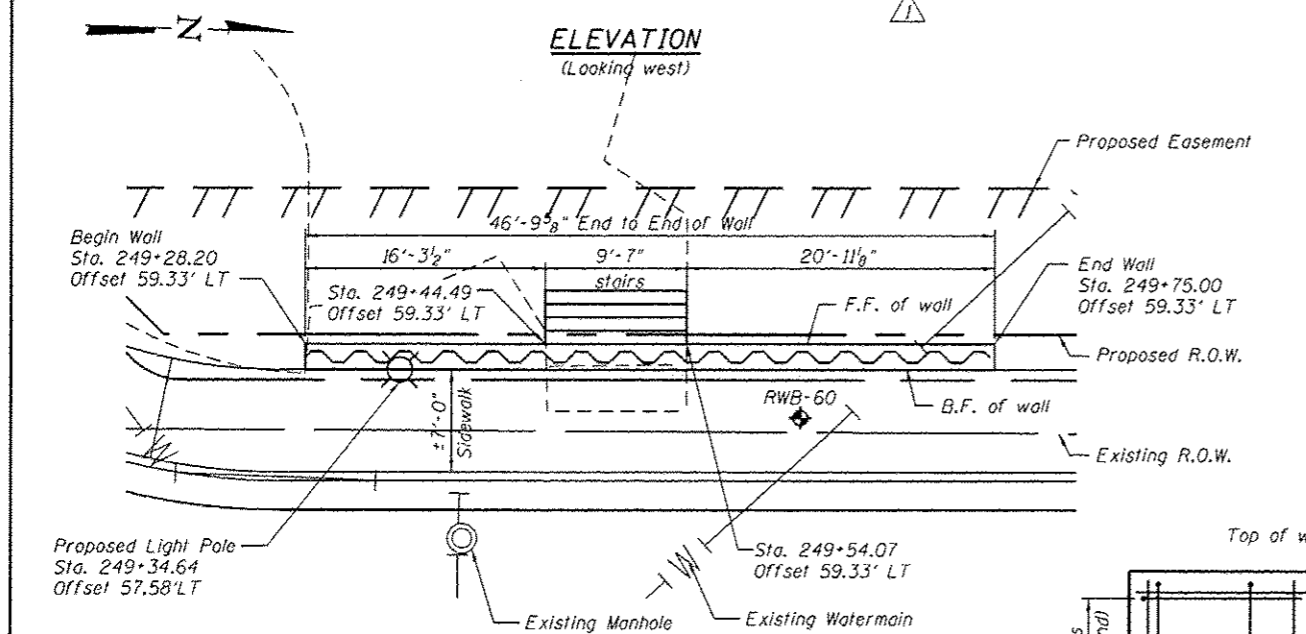
URS
000 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 999-0000
FAX (312) 999-0000

FILE NAME = DIG06M1-SHT-Wall-11-1.dgn	USER NAME = Patrick.Hannemann	DESIGNED - KMP	REVISED - 04/12/2013 K.M.P.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RETAINING WALL NO. 11 - S.N. 016-2037 STA. 246 + 18.00 TO 248 + 14.51	F.A.P. RFE. = 330	SECTION = 103R-4	COUNTY = COOK	TOTAL SHEETS = 877	SHEET NO. = 487	
PLOT SCALE = 29.1667' = 1"	DRAWN - KMP	REVISOR -	REVISOR -			SHEET NO. 11 OF 42 SHEETS		CONTRACT NO. 60M61		ILLINOIS FED. AID PROJECT	
PLOT DATE = 4/15/2013	CHECKED -	REVISOR -	REVISOR -								



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h140(E)	7	#5	33'-8"	
h141(E)	7	#5	16'-6"	
h142(E)	12	#5	9'-3"	
h143(E)	10	#5	3'-5"	
u140(E)	55	#5	4'-10"	
u141(E)	10	#5	3'-8"	
u142(E)	10	#5	4'-5"	
u143(E)	10	#5	1'-9"	
v140(E)	47	#5	3'-4"	
Structure Excavation		Cu. Yd.	31	
Concrete Structures		Cu. Yd.	16.0	
Form Liner Textured Surface		Sq. Ft.	155	
Reinforcement Bars, Epoxy Coated		Pound	1,070	
Pipe Handrail		Foot	12	
Permanent Sheet Piling		Sq. Ft.	649	
Ornamental Railing		Foot	38	



BAR LAPS

Basic Lap
#5 bars - 2'-7"

Top Bar Lap
#5 bars - 2'-11"

LEGEND

① = Panel No.
⊕ = Soil Boring
F.F. = Front Face
B.F. = Back Face
E.F. = Each Face

* Shear studs shall be 3/4" φ x 8" long granular or solid flux filled headed studs automatically end welded in field to sheet piling. The cost of the studs to be included in the cost of Permanent Steel Sheet Piling

NOTES:

Wall stations, offsets and dimensions are measured at front face of wall. All exposed corners shall have a 1" chamfer.

For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.

For Typical Wall Details and Ornamental Railing see Sheet 2.

The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section A2 18 sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h150(E)	16	#5	32'-11"	—
h15(E)	8	#5	13'-2"	—
u150(E)	84	#5	4'-10"	⊓
v150(E)	78	#5	4'-3"	—
Structure Excavation			Cu. Yd.	16
Concrete Structures			Cu. Yd.	29.9
Form Liner Textured Surface			Sq. Ft.	307
Reinforcement Bars, Epoxy Coated			Pound	1430
Permanent Sheet Piling			Sq. Ft.	1362
Ornamental Railing			Foot	74

NOTES:

Wall stations, offsets and dimensions are measured at front face of wall. All exposed corners shall have a 1" chamfer. For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1. For Typical Wall Details and Ornamental Railing see Sheet 2.

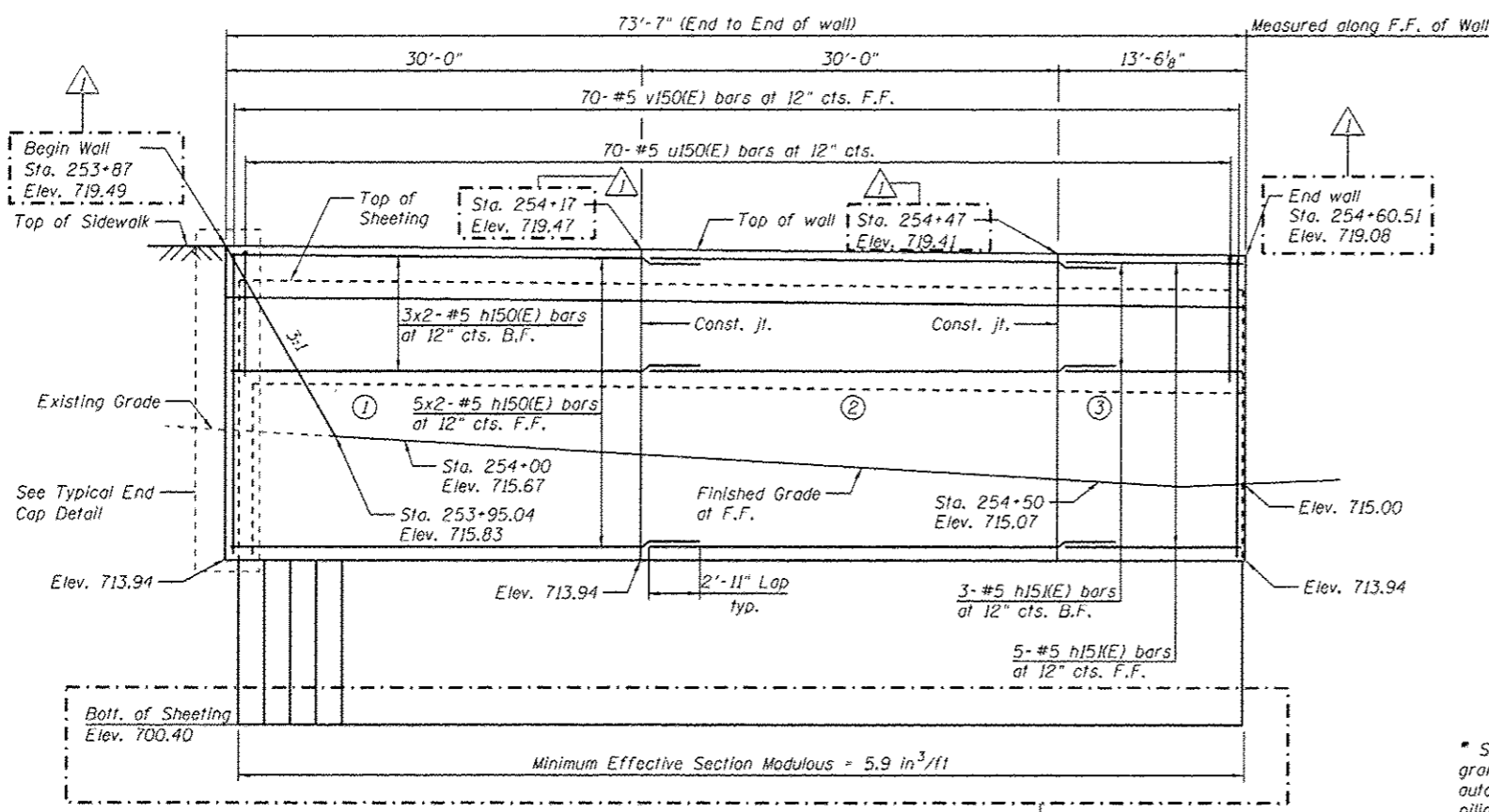
The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section AZ 1B sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.

BAR LAPS

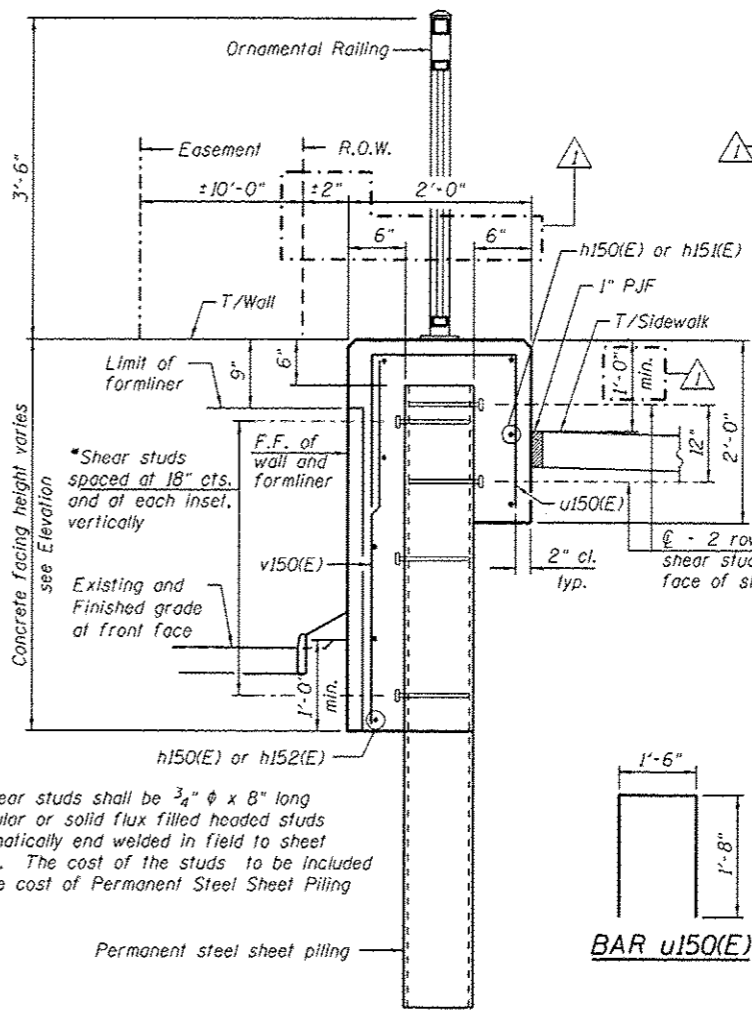
Basic Lap	Top Bar Lap
#5 bars - 2'-7"	#5 bars - 2'-11"

LEGEND

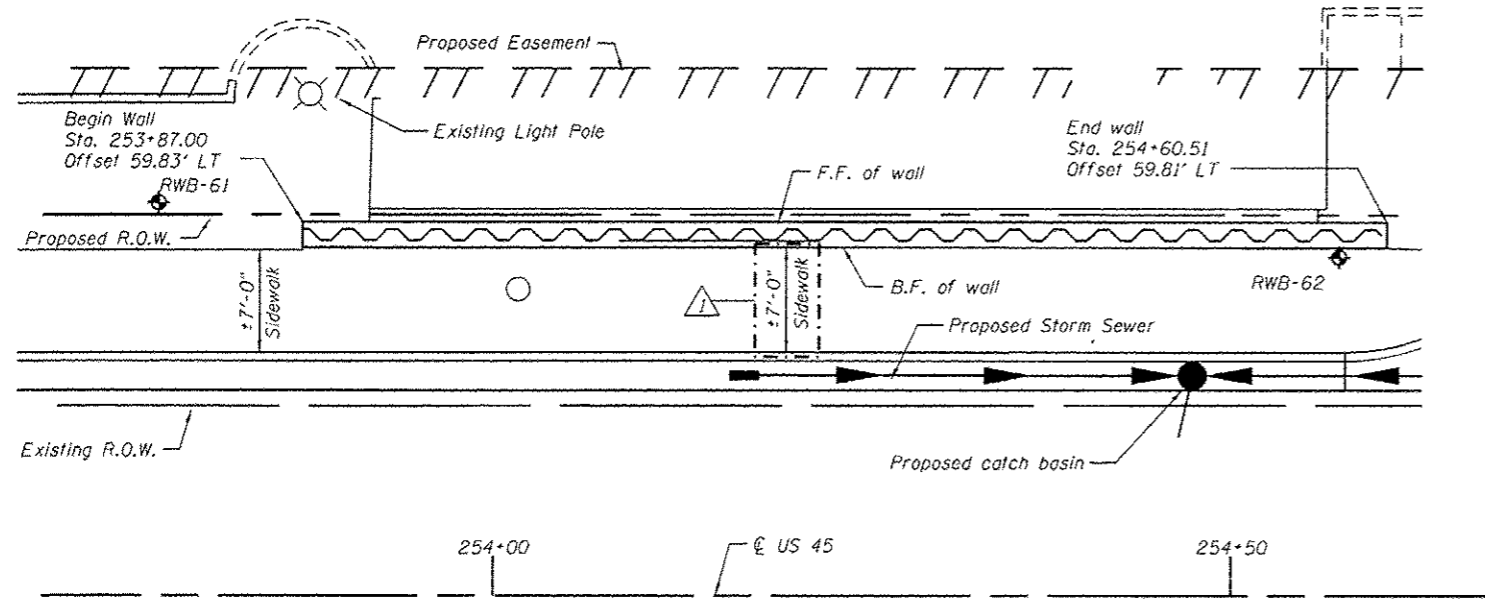
- ⊙ = Panel No.
- ⊕ = Soil Boring
- F.F. = Front Face
- B.F. = Back Face
- E.F. = Each Face



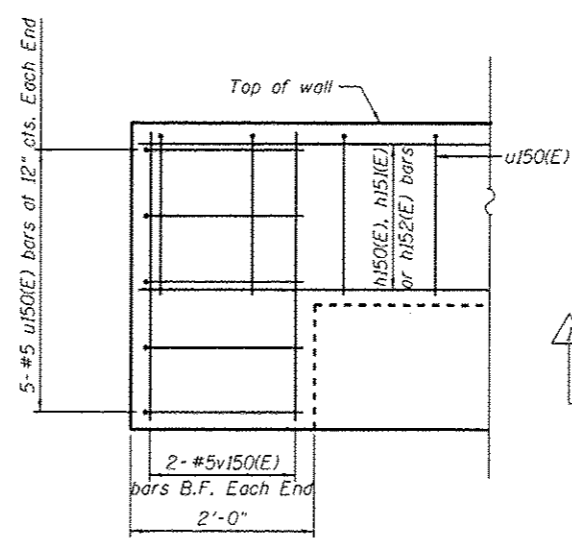
ELEVATION
(Looking East at F.F. of wall)



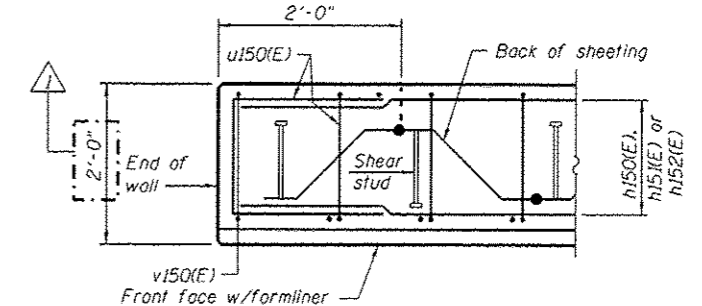
TYPICAL SECTION THROUGH WALL



PLAN



TYPICAL END CAP DETAIL
(v(E) bars at F.F. not shown for clarity)



PLAN AT END OF WALL

URS
 400 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL 312/953-0000
 FAX 312/953-4938

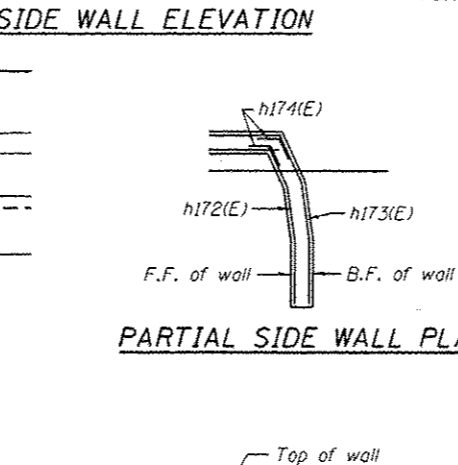
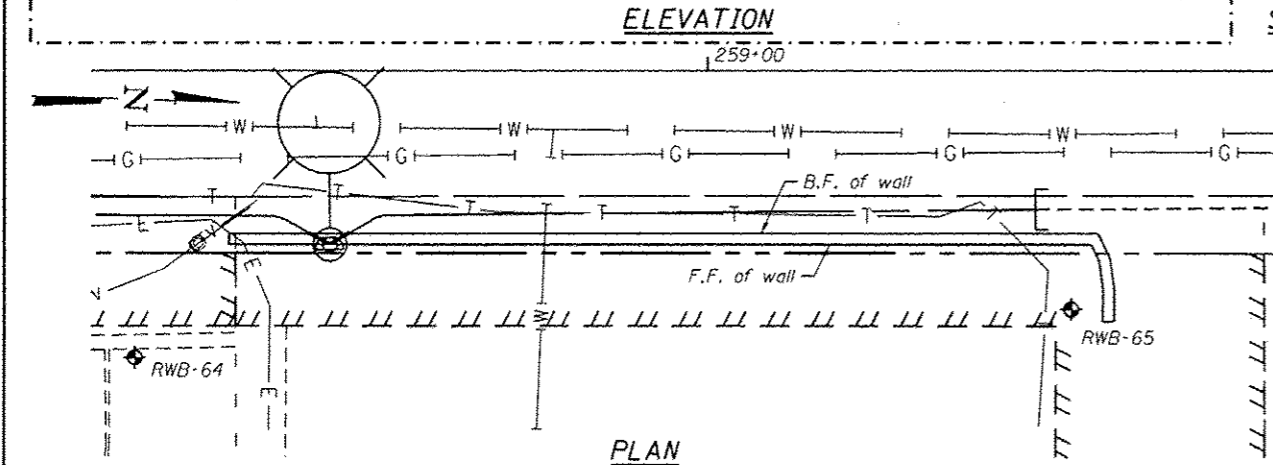
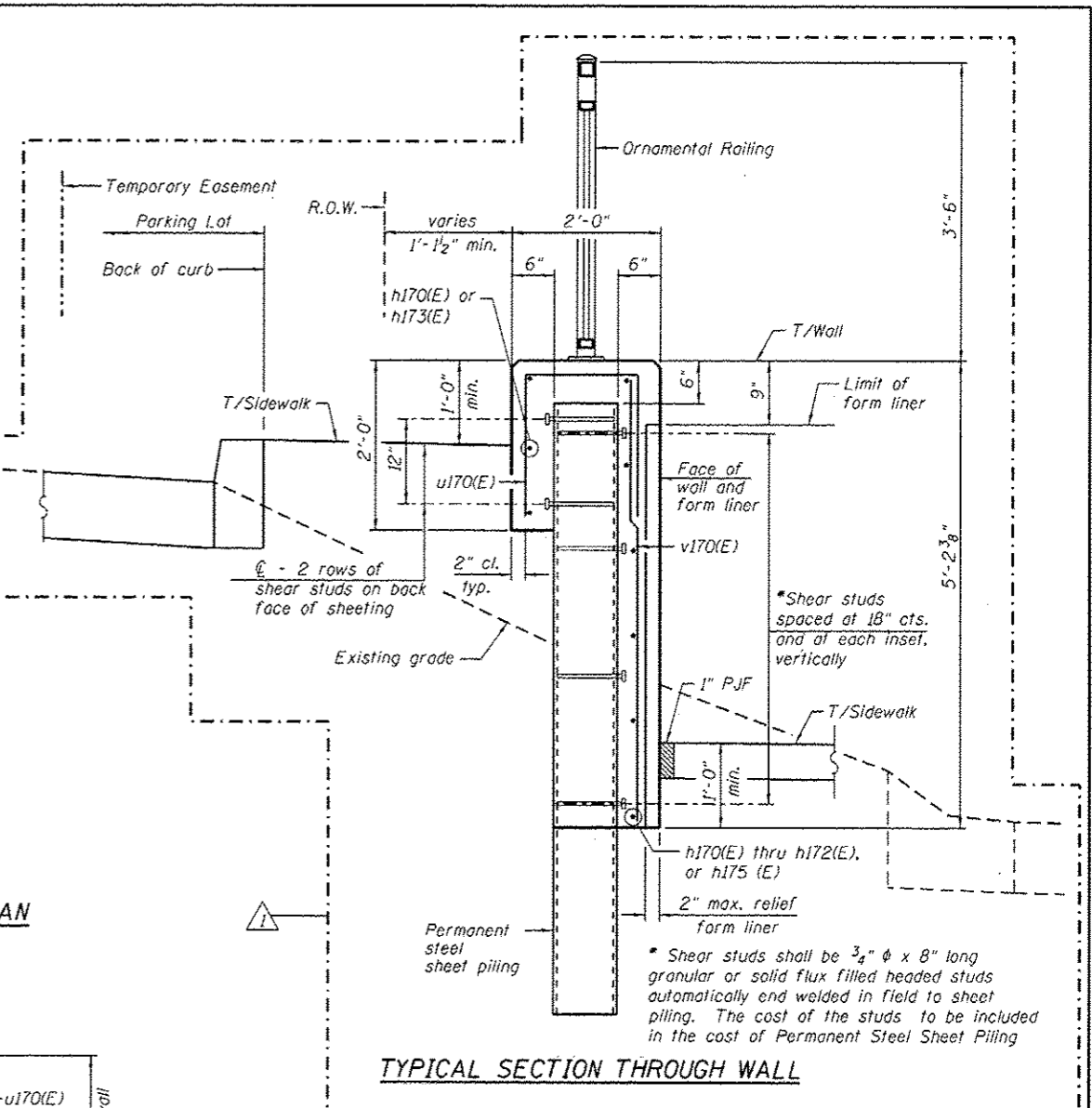
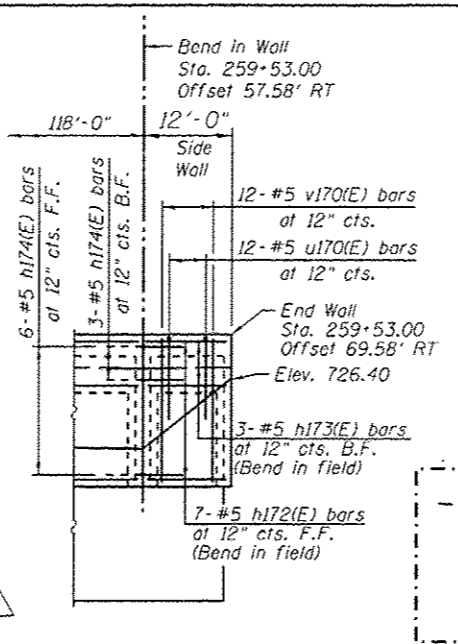
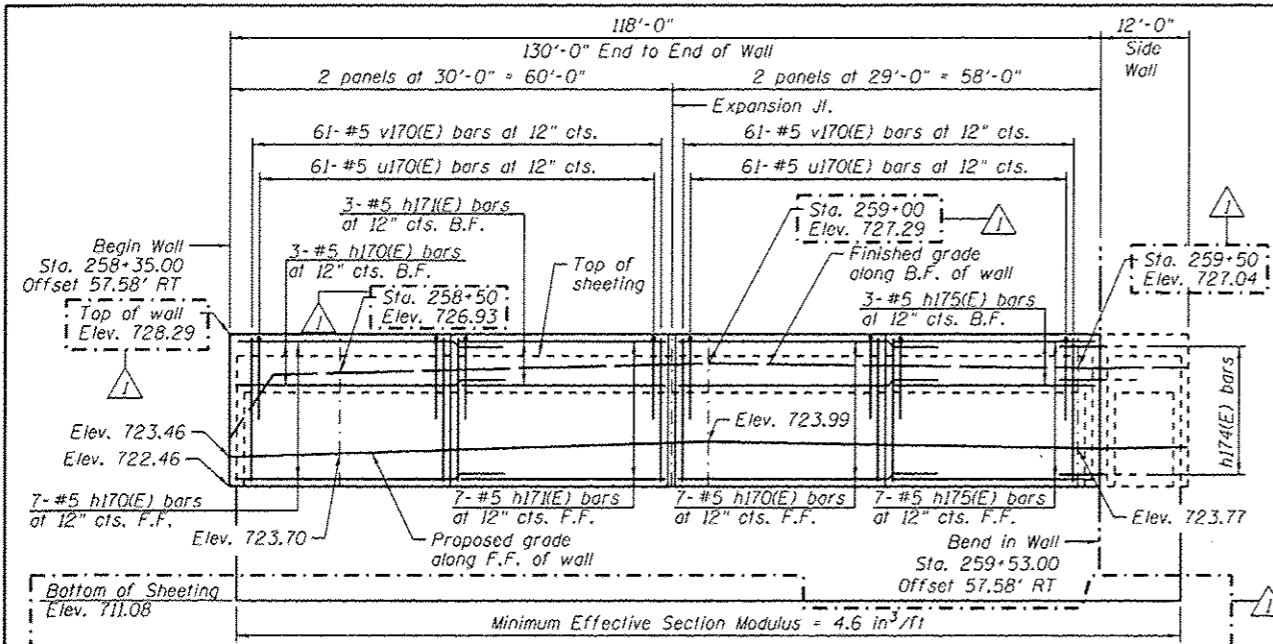
FILE NAME DIGRNG1-SHT-Wall1.15-1.dgn	USER NAME Patrick.Hannemann	DESIGNED KMP	REVISED 04/12/2013 K.M.P.
		CHECKED KMP	REVISED
		DRAWN KMP	REVISED
		CHECKED	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL NO. 15 - S.N. 016-2041
STA. 253 + 87.00 TO 254 + 60.51**

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 490
CONTRACT NO. 60M61				ILLINOIS FED. AID PROJECT

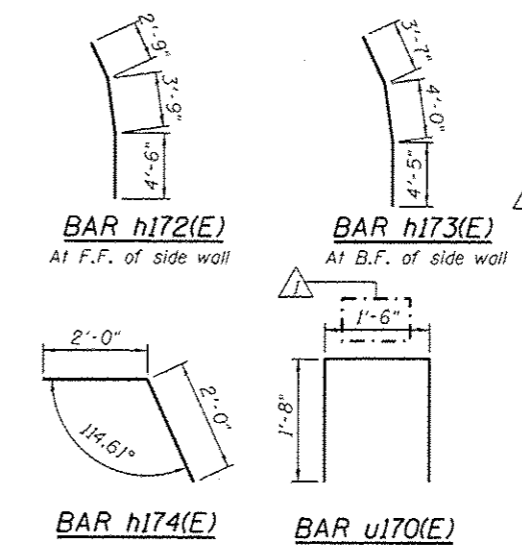
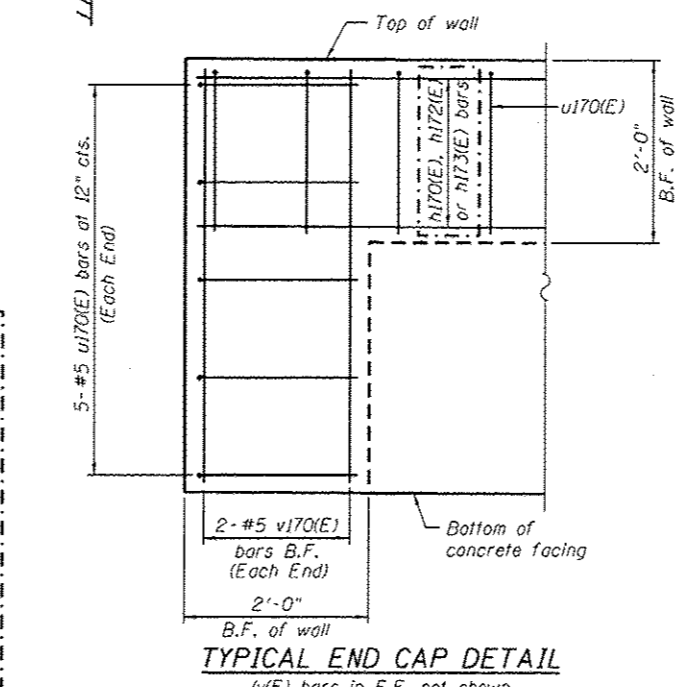
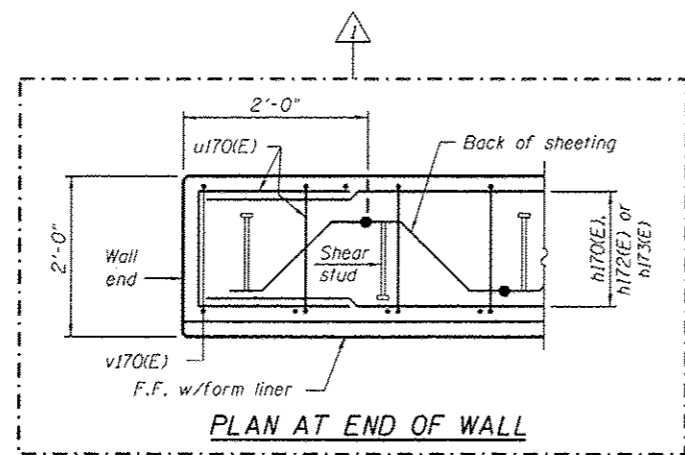
SHEET NO. 14 OF 42 SHEETS



NOTES:
Wall stations, offsets and dimensions are measured at front face of wall.
All exposed corners shall have a 1" chamfer.
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
For Typical Wall Details and Ornamental Railing see Sheet 2.
The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section AZ 18 sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.

LEGEND
⊙ - Panel No.
⊕ - Soil Boring
F.F. - Front Face
B.F. - Back Face
E.F. - Each Face

BAR LAPS
Basic Lap
#5 bars - 2'-7"
Top Bar Lap
#5 bars - 2'-11"



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h170(E)	20	#5	32'-11"	—
h171(E)	10	#5	29'-8"	—
h172(E)	7	#5	11'-0"	—
h173(E)	3	#5	12'-0"	—
h174(E)	10	#5	4'-0"	—
h175(E)	10	#5	28'-8"	—
u170(E)	144	#5	14'-10"	□
v170(E)	138	#5	4'-5"	—
Structure Excavation			Cu. Yd.	35
Concrete Structures			Cu. Yd.	42.2
Form Liner Textured Surface			Sq. Ft.	496
Reinforcement Bars, Epoxy Coated			Pound	2,820
Permanent Sheet Piling			Sq. Ft.	2,173
Ornamental Railing			Foot	130

Bars indicated thus 3x2-#5 etc. indicates 3 lines of bars with 2 lengths per line.

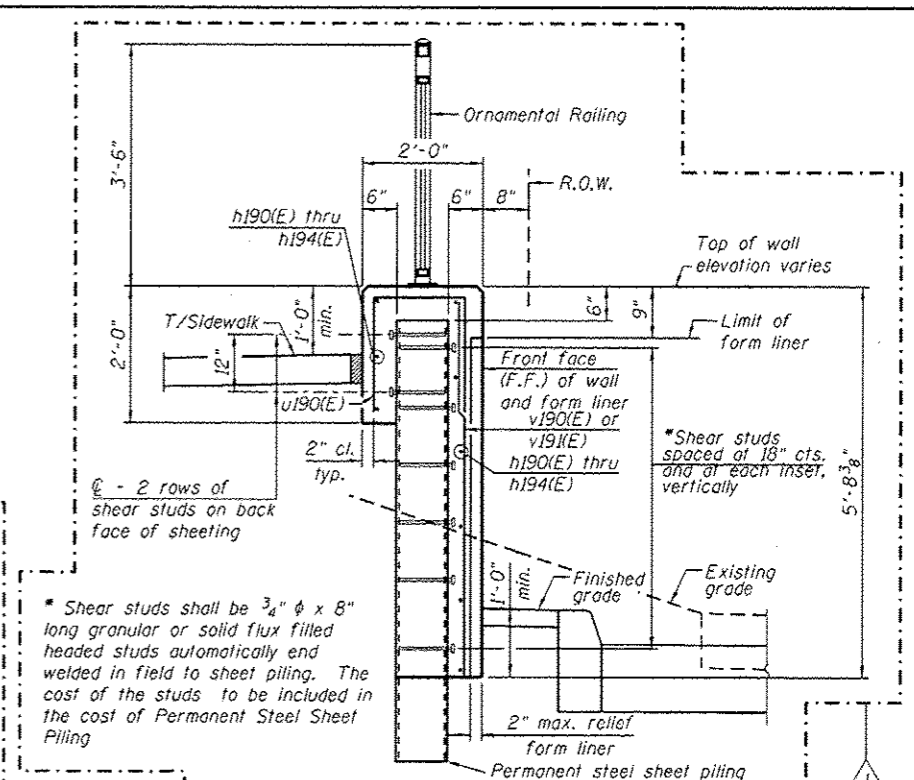
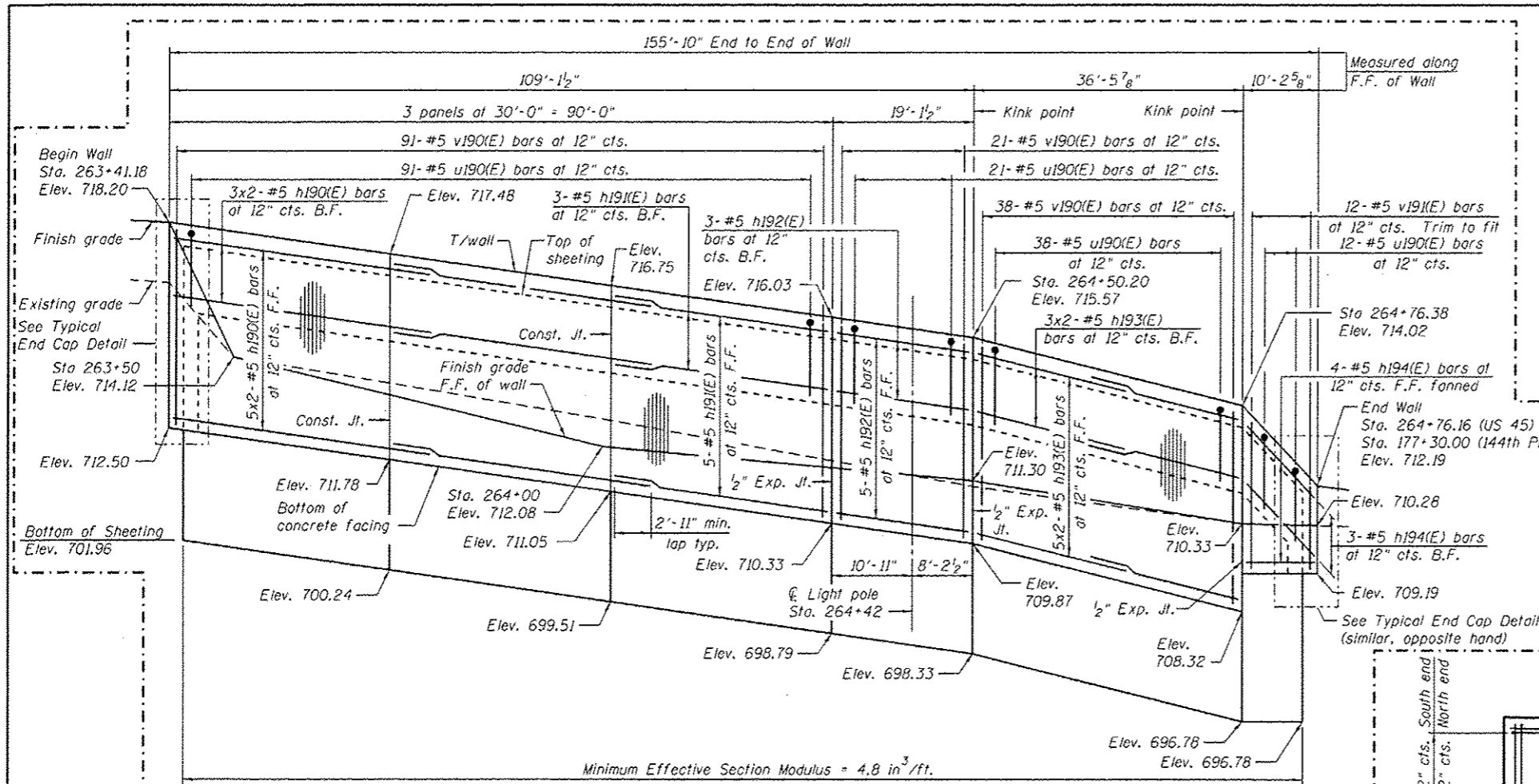
URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL: (312) 467-2000
FAX: (312) 467-1000

FILE NAME : D:\6061\5HT-Wall-17-1.dgn	USER NAME : Patrick.Hennemann	DESIGNED - KMP	REVISED - 04/12/2013 K.M.P.
		CHECKED -	REVISED -
		DRAWN - KMP	REVISED -
		CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL NO. 17 - S.N. 016-2043
STA. 258 + 35.00 TO 259 + 55.15
SHEET NO. 16 OF 42 SHEETS

F.A.P. R.T.E. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 492
				CONTRACT NO. 60W61
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION THROUGH WALL
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h190(E)	16	#5	32'-11"	—
h191(E)	8	#5	29'-8"	—
h192(E)	8	#5	18'-9"	—
h193(E)	16	#5	20'-0"	—
h194(E)	7	#5	9'-10"	—
u190(E)	170	#5	4'-10"	□
v190(E)	152	#5	5'-4"	—
v191(E)	14	#5	4'-6"	—
Structure Excavation			Cu. Yd.	47
Concrete Structures			Cu. Yd.	64.5
Form Liner Textured Surface			Sq. Ft.	744
Reinforcement Bars, Epoxy Coated			Pound	3130
Permanent Steel Sheet Piling			Sq. Yd.	126.12
Ornamental Railing			Foot	156

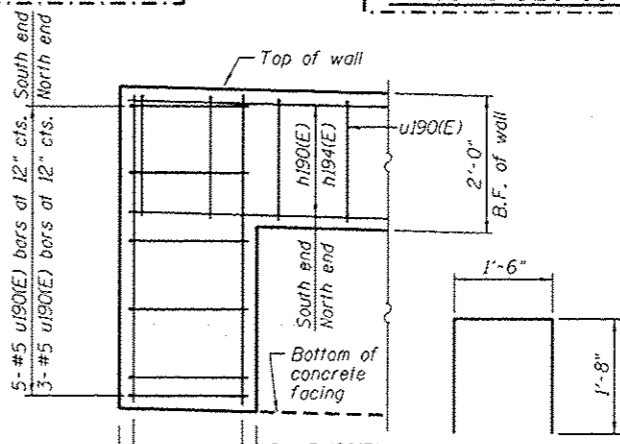
Bars indicated thus 5x2 #5 h190(E) etc., indicates 5 lines of bars with 2 lengths per line.

NOTES:

Wall stations, offsets and dimensions are measured at front face of wall.
All exposed corners shall have a 1" chamfer.
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
For Typical Wall Details and Ornamental Railing see Sheet 2.
The details for the concrete cap, reinforcement and required number of shear stud connectors are based on Section AZ 18 sheet piling. If the Contractor chooses to use any other section, then the Contractor shall submit revised concrete cap and reinforcement configuration for approval by the Engineer. Such changes shall not be cause for additional compensation.

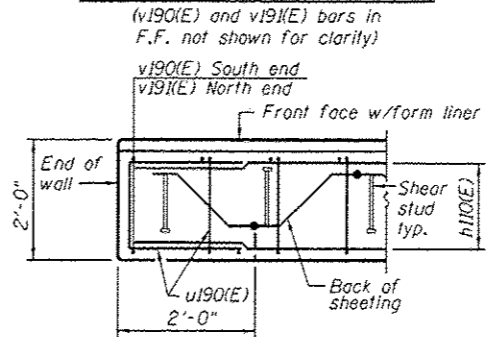
ELEVATION
(Looking West - F.F. of wall shown)

End Wall
Sta. 264+76.17
Offset 94.42' LT (US 45)
Sta. 177+30.00
Offset 32.04' RT (144th Pl.)

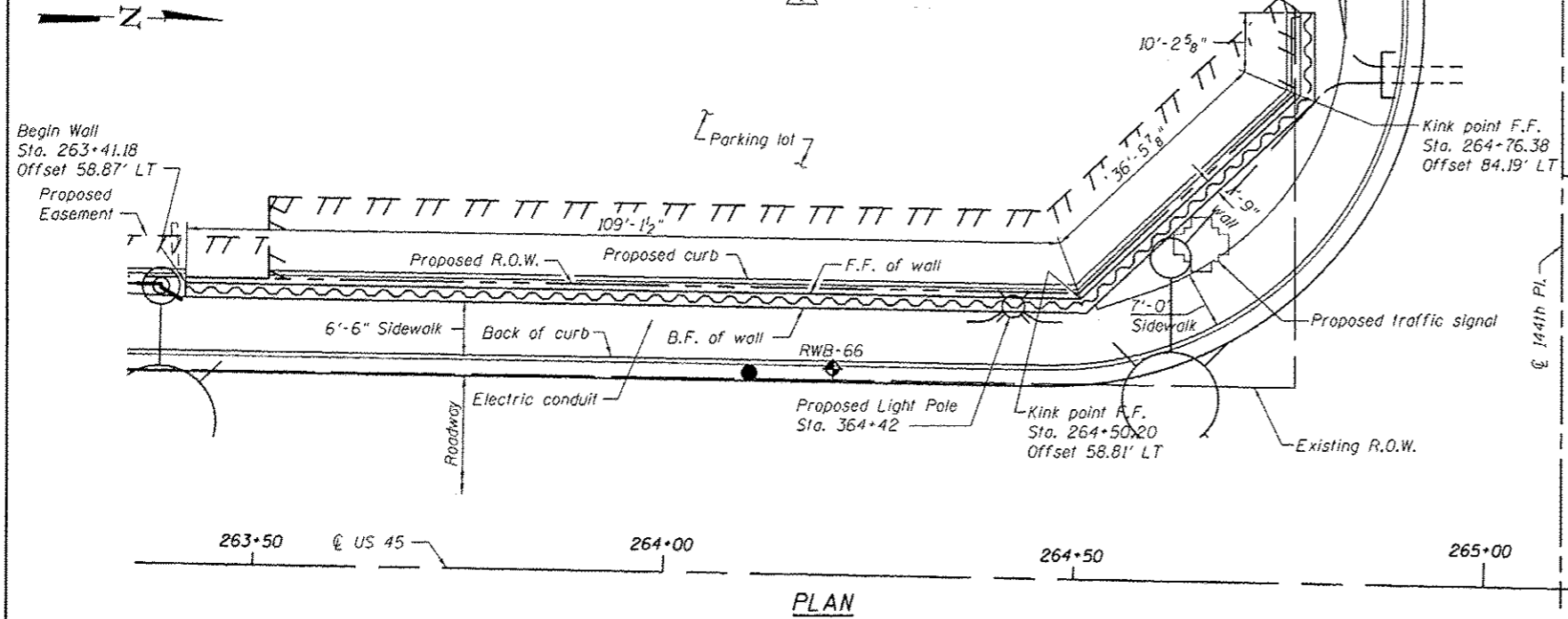


TYPICAL END CAP DETAIL
BAR u190(E)

177+50
144th Pl.
177+50
144th Pl.



PLAN AT END OF WALL



PLAN

URS
500 S. WICKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 999-0000
FAX (312) 999-4638

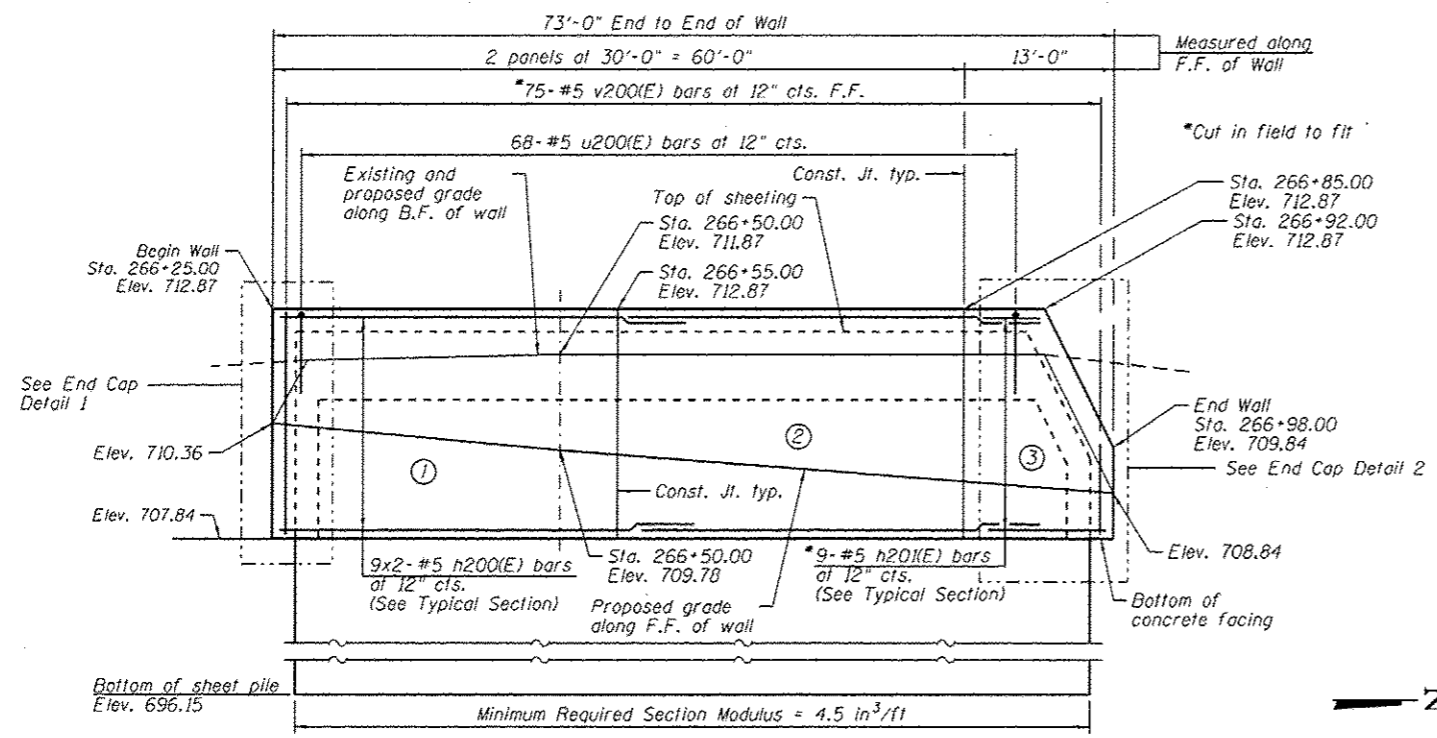
FILE NAME: D:\BMD\511-Wall-19-1.dgn	USER NAME: Patrick.Mannemann	DESIGNED: KMP	REVISED: 04/12/2013 K.M.P.
PLOT SCALE: 20.000000 / 1/8"	DRAWN: KMP	CHECKED:	REVISED:
PLOT DATE: 4/15/2013	CHECKED:	REVISED:	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

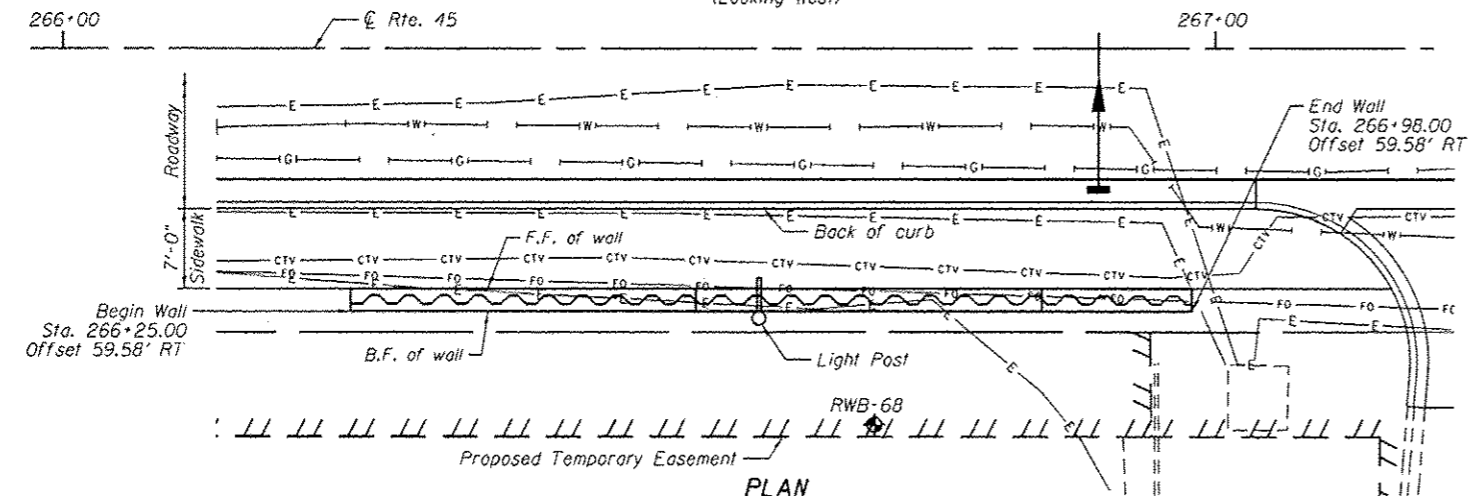
RETAINING WALL NO. 19 - S.N. 016-Z045
STA. 263+41.18 TO 264+76.16

F.A.P. R.T.E. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 494
CONTRACT NO. 60M61				ILLINOIS FED. AID PROJECT

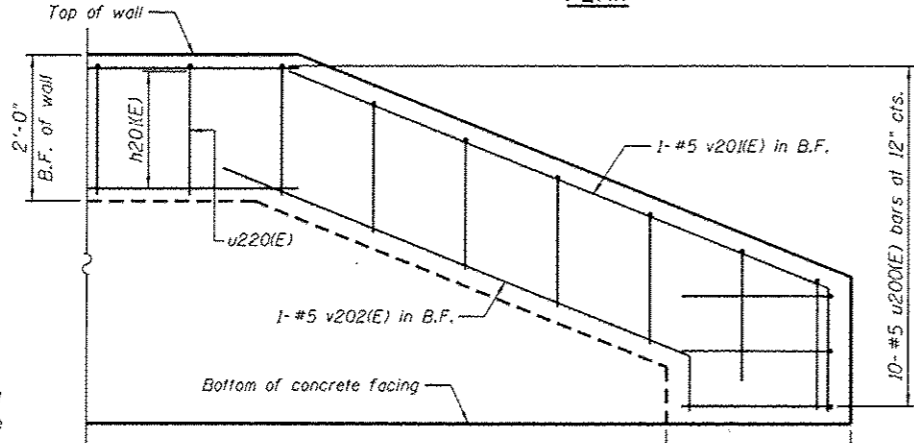
SHEET NO. 18 OF 42 SHEETS



ELEVATION
(Looking West)



PLAN

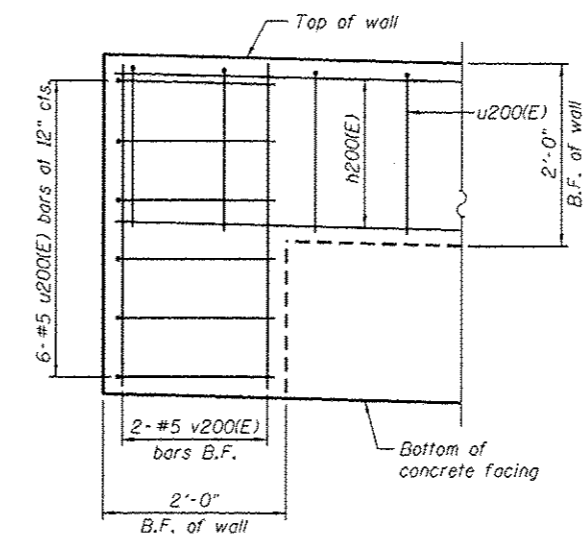


END CAP DETAIL 2
(v200(E) bars in F.F. not shown for clarity)

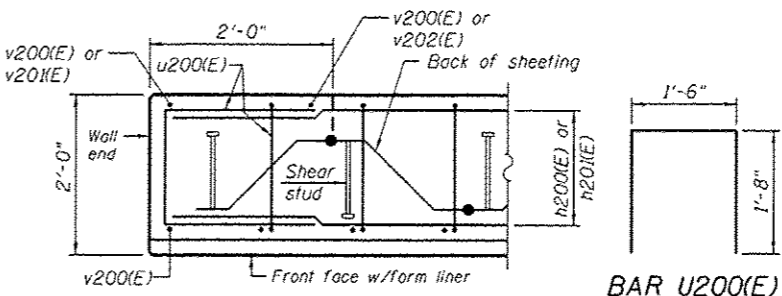
BAR LAPS
Basic Lap
#5 bars - 2'-7"
Top Bar Lap
#5 bars - 2'-11"

LEGEND:
① - Panel No.
⊕ - Soil Boring
F.F. - Front Face
B.F. - Back Face
E.F. - Each Face

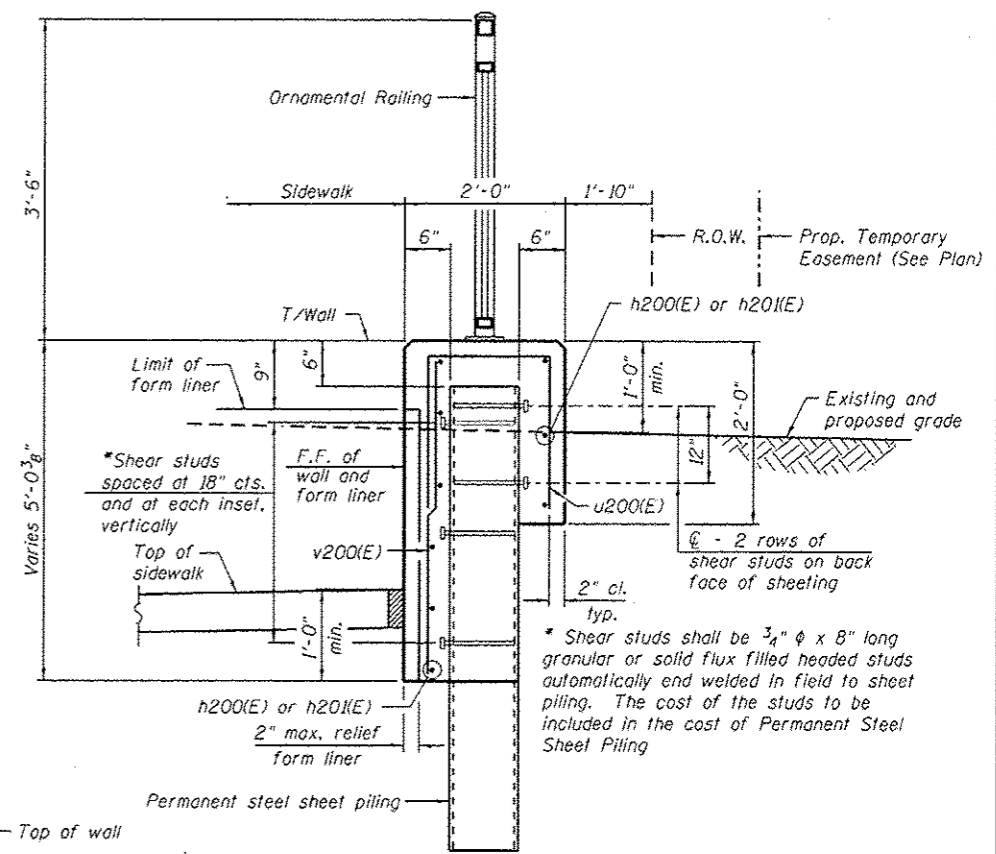
- NOTES:**
1. Wall stations, offsets and dimensions are measured at front face of wall.
 2. All exposed corners shall have a 1" chamfer.
 3. For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
 4. For Typical Wall Details, Ornamental Railing, and Lighting Details see Sheet 2.



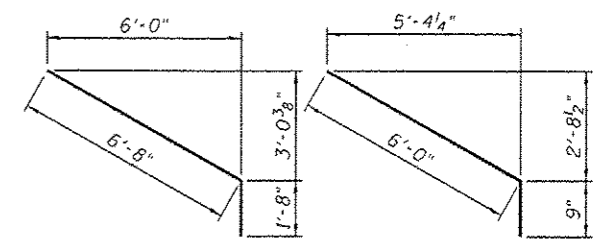
END CAP DETAIL 1
(v200(E) bars in F.F. not shown for clarity)



PLAN AT END OF WALL



TYPICAL SECTION THROUGH WALL



BAR v200(E) **BAR v202(E)**

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h200(E)	18	#5	32'-11"	—
h200(E)	9	#5	12'-8"	—
u200(E)	84	#5	4'-10"	□
v200(E)	75	#5	4'-8"	—
v200(E)	1	#5	6'-8"	—
v202(E)	1	#5	6'-9"	—
Structure Excavation			Cu. Yd.	66
Concrete Structures			Cu. Yd.	22.8
Form Liner Textured Surface			Sq. Ft.	304
Reinforcement Bars, Epoxy Coated			Pound	1540
Permanent Sheet Piling			Sq. Ft.	1175
Ornamental Railing			Foot	73

Bars indicated thus 9x2-#5 etc. Indicates 9 lines of bars with 2 lengths per line.

URS
100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 866-0000
FAX (312) 866-0000

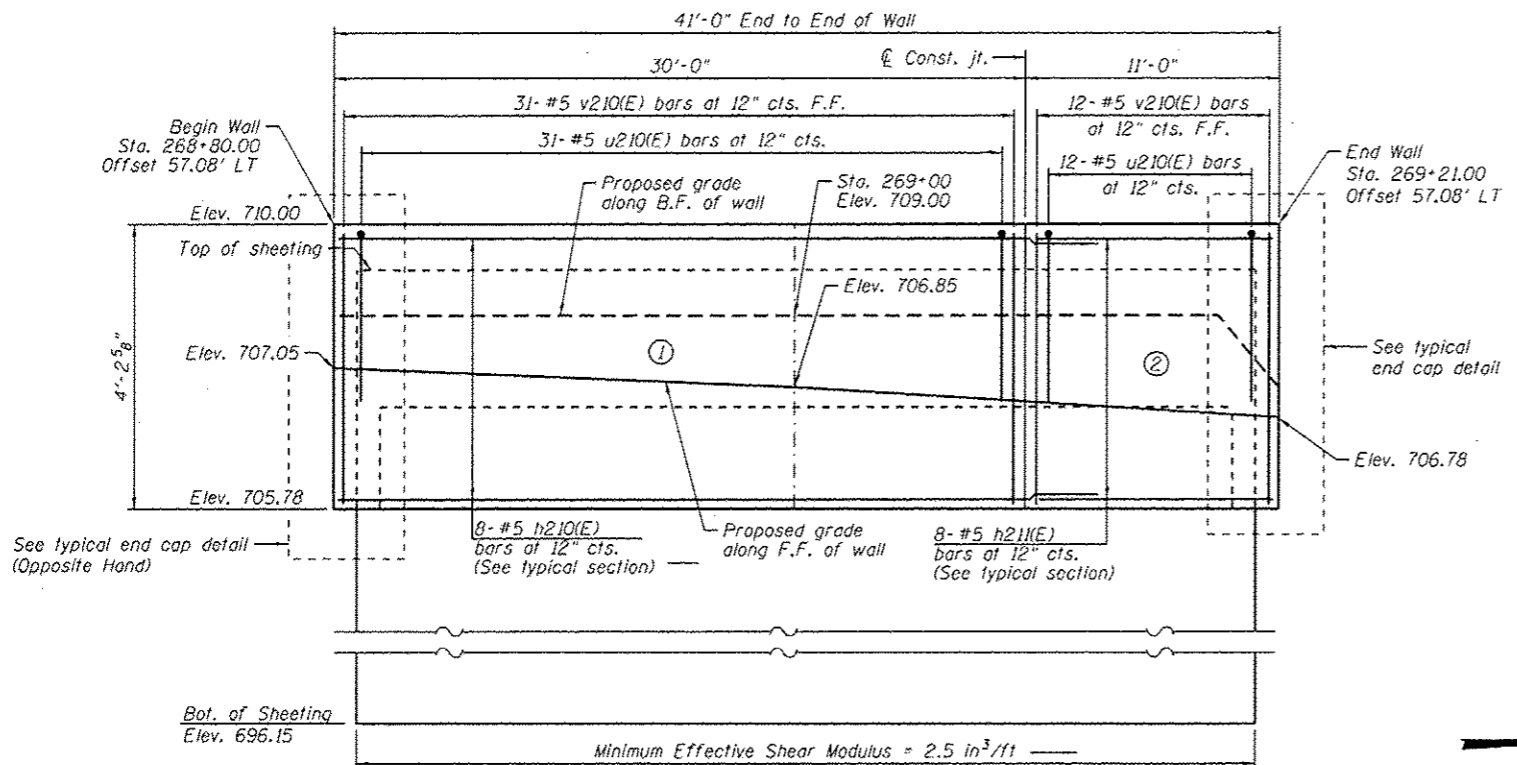
FILE NAME =	USER NAME = Patrich.Hannemann	DESIGNED - KMP	REVISED - 04/12/2013 K.M.P.
DIGM61-SHT-Wall.28-1.dgn		CHECKED -	REVISED -
		DRAWN - KMP	REVISED -
		CHECKED -	REVISED -
			Entire sheet revised

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

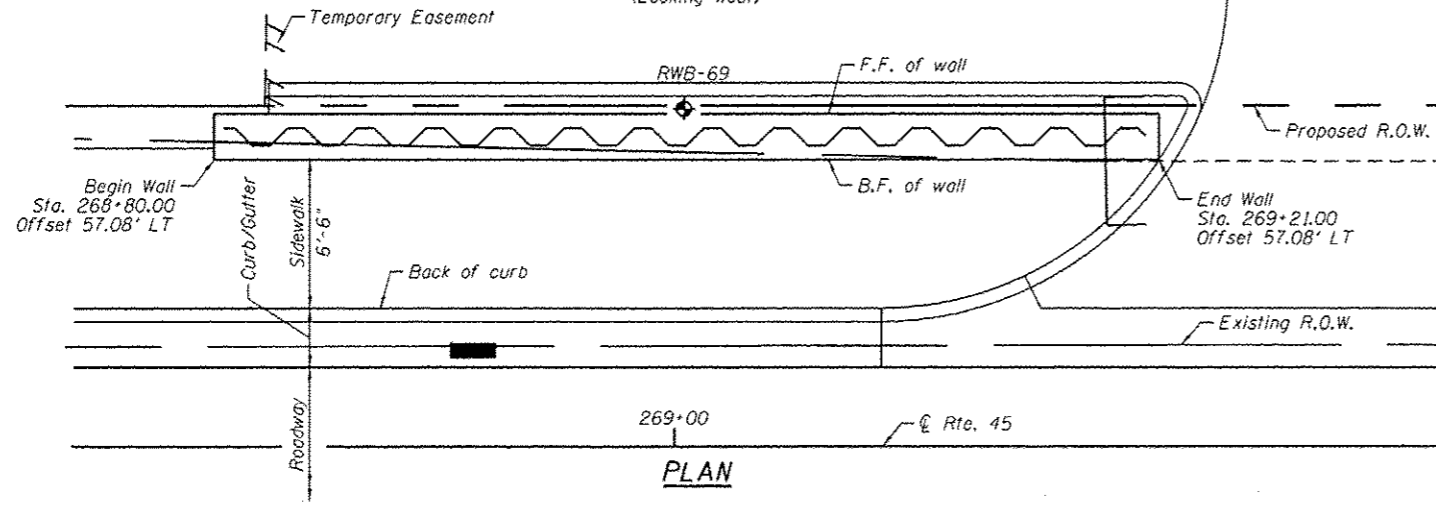
RETAINING WALL NO. 20 - S.N. 016-2046
STA. 266 + 25.00 TO 266 + 98.00

SHEET NO. 19 OF 42 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	495
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	



ELEVATION
(Looking West)



PLAN

NOTES:

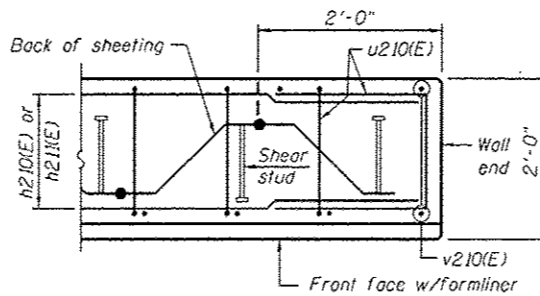
Wall stations, offsets and dimensions are measured at front face of wall.
All exposed corners shall have a 1" chamfer.
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
For Typical Wall Details and Ornamental Rolling see Sheet 2.

LEGEND

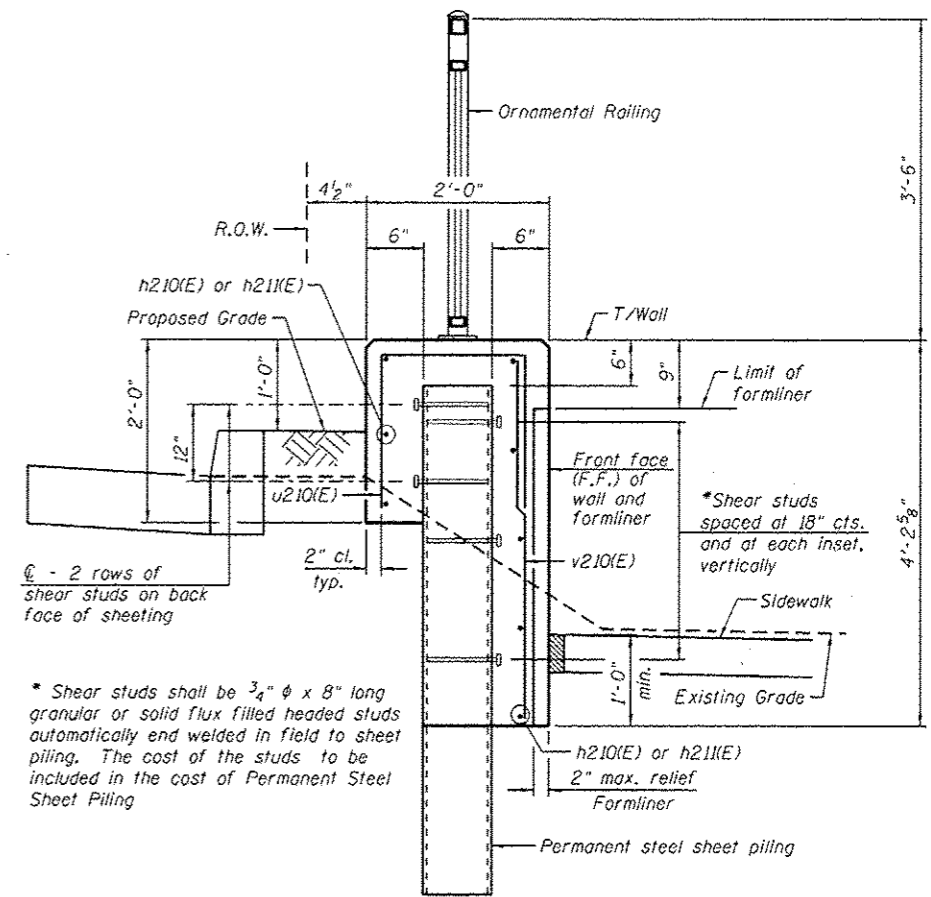
- ① = Panel No.
- ◆ = Soil Boring
- F.F. = Front Face
- B.F. = Back Face
- E.F. = Each Face

BAR LAPS

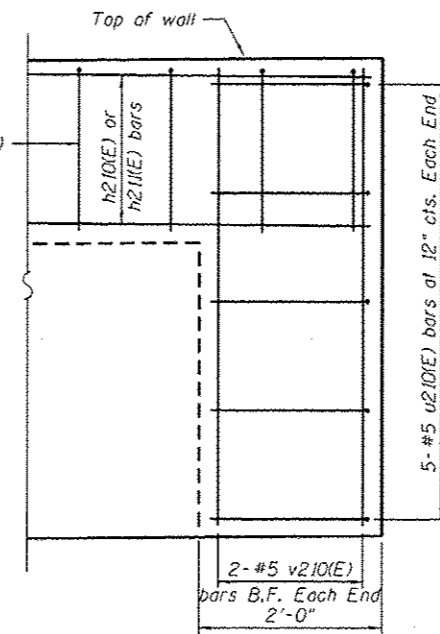
- Basic Lap
- #5 bars - 2'-7"
- Top Bar Lap
- #5 bars - 2'-11"



PLAN AT END OF WALL



TYPICAL SECTION THROUGH WALL



TYPICAL END CAP DETAIL
(v210(E) bars in F.F. not shown for clarity)

BAR u210(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h210(E)	8	#5	32'-11"	—
h211(E)	8	#5	10'-8"	—
u210(E)	53	#5	4'-10"	⌈
v210(E)	47	#5	3'-10"	—
Structure Excavation			Cu. Yd.	20
Concrete Structures			Cu. Yd.	11.3
Form Liner Textured Surface			Sq. Ft.	137
Reinforcement Bars, Epoxy Coated			Pound	820
Permanent Sheet Piling			Sq. Ft.	535
Ornamental Rolling			Foot	41

URS
 100 S. Wacker Dr.
 Suite 500
 Chicago, IL 60606
 TEL (312) 939-1000
 FAX (312) 939-4038

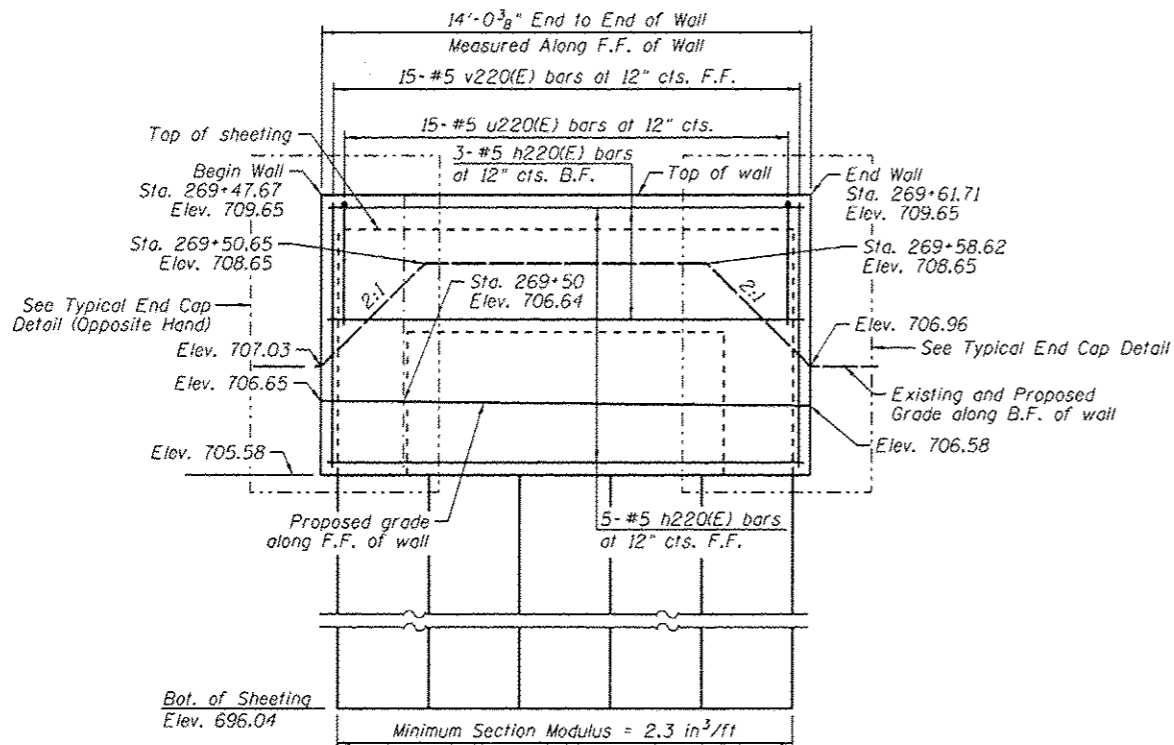
FILE NAME: 0160M(1)-SHT-Wall_21-1.dgn	USER NAME: Patrick.Hannemann	DESIGNED: KMP	REVISED: 04/12/2013 K.M.P.
		CHECKED: -	REVISED: -
		DRAWN: KMP	REVISED: -
		CHECKED: -	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

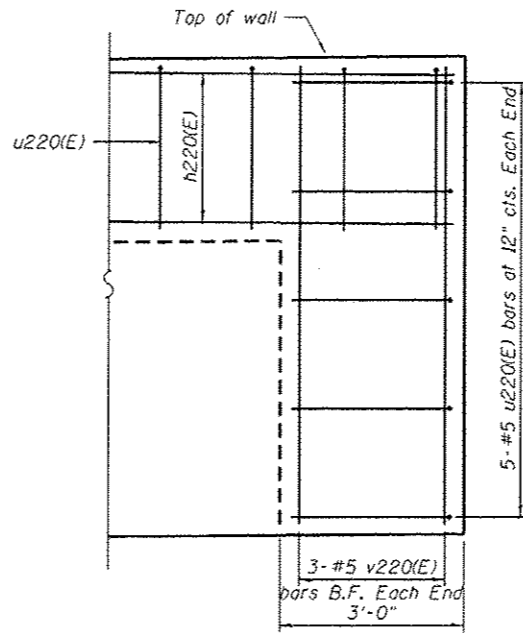
RETAINING WALL NO. 21 - S.N. 016-Z047
STA. 268 + 80.00 TO 269 + 21.00

SHEET NO. 20 OF 42 SHEETS

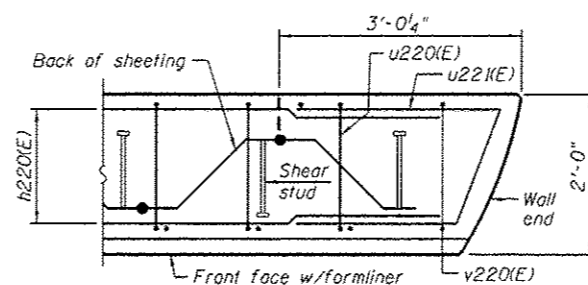
F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 496
				CONTRACT NO. 60M61
ILLINOIS FED. AID PROJECT				



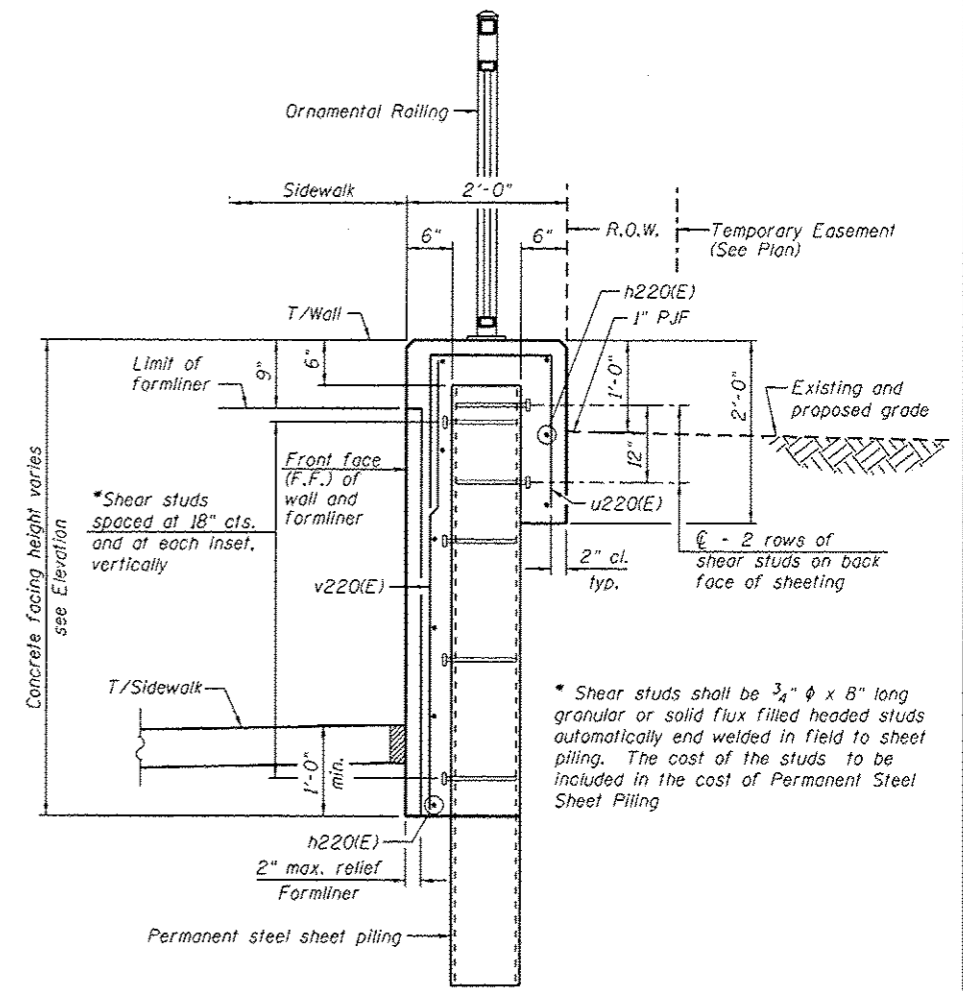
ELEVATION
(Looking West)



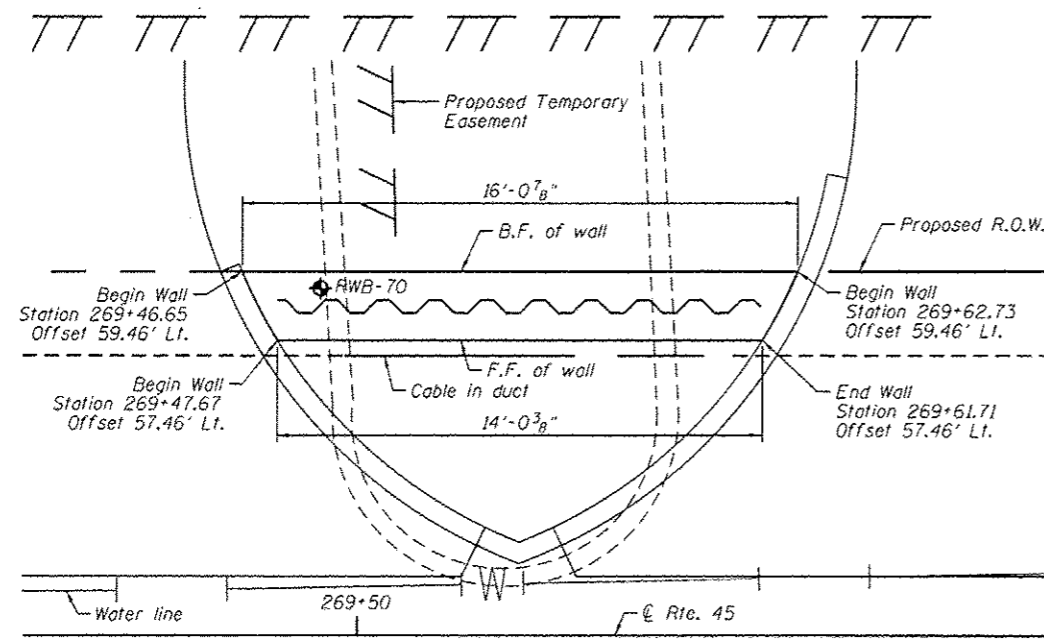
TYPICAL END CAP DETAIL
(v220(E) bars in F.F. not shown for clarity)



PLAN AT END OF WALL



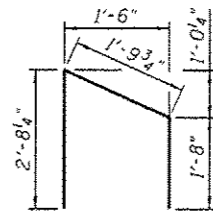
TYPICAL SECTION THROUGH WALL



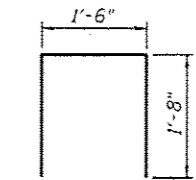
PLAN

NOTES:

Wall stations, offsets and dimensions are measured at front face of wall. All exposed corners shall have a 1" chamfer.
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
For Typical Wall Details and Ornamental Railing see Sheet 2.



BAR u220(E)



BAR u220(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h220(E)	8	#5	13'-8"	—
u220(E)	15	#5	4'-10"	□
u220(E)	10	#5	6'-2"	□
v220(E)	21	#5	4'-3"	—
Structure Excavation			Cu. Yd.	11
Concrete Structures			Cu. Yd.	3.2
Form Liner Textured Surface			Sq. Ft.	53
Reinforcement Bars, Epoxy Coated			Pound	350
Permanent Sheet Piling			Sq. Ft.	198
Ornamental Railing			Foot	16

LEGEND

- ◆ = Soil Boring
- F.F. = Front Face
- B.F. = Back Face
- E.F. = Each Face

BAR LAPS

	Basic Lap	Top Bar Lap
#5 bars	2'-7"	2'-11"

Entire sheet revised

URS
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 SUITE 500
 CHICAGO, IL 60606
 TEL: (312) 959-0000
 FAX: (312) 959-4588

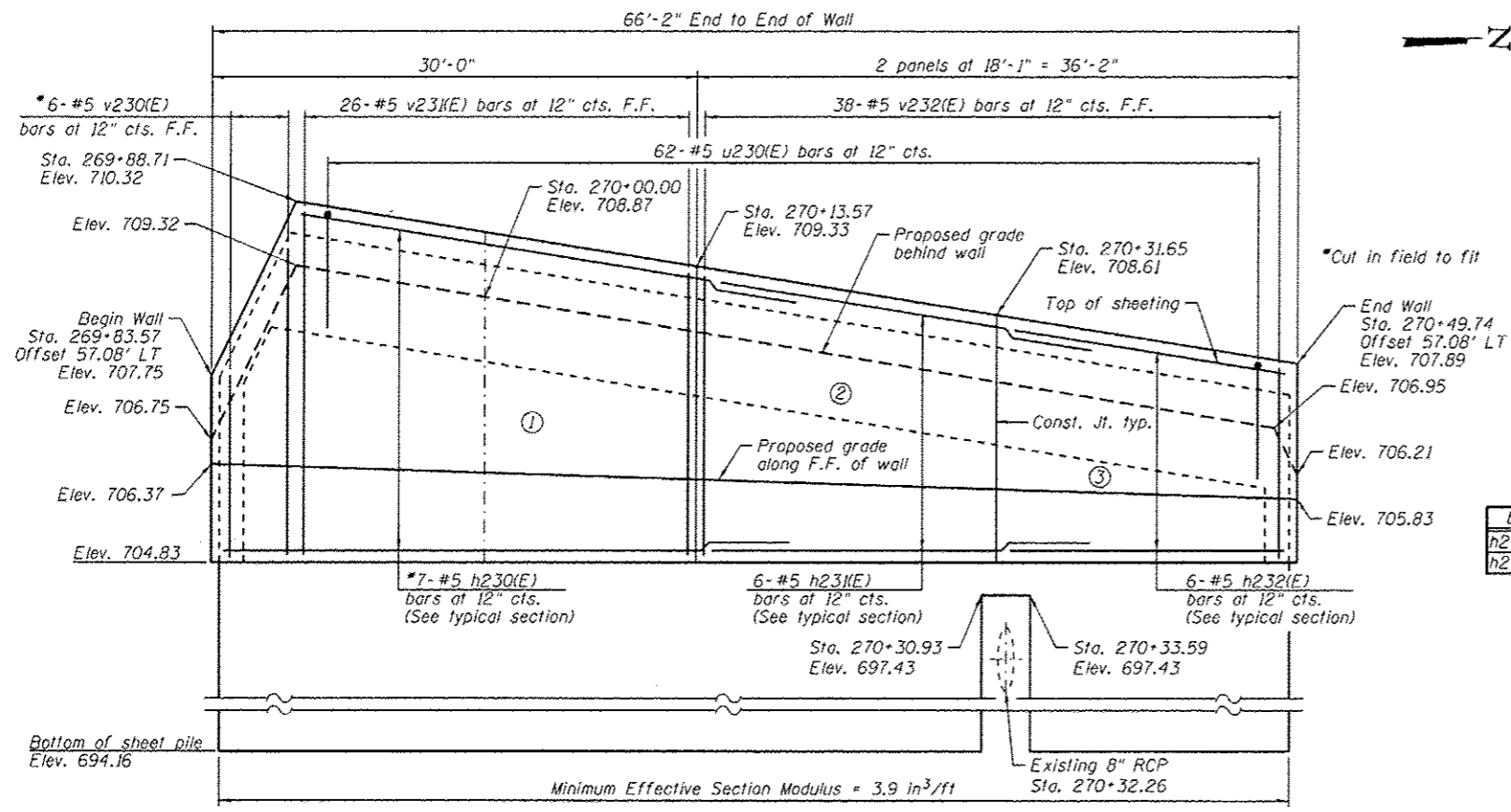
FILE NAME =	USER NAME = Patrick.Hannemann	DESIGNED = KMP	REVISED = 04/12/2013 K.M.P.
DIGMGI-SHT-Wall.22-1.dgn		CHECKED =	REVISED =
		DRAWN = KMP	REVISED =
		CHECKED =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

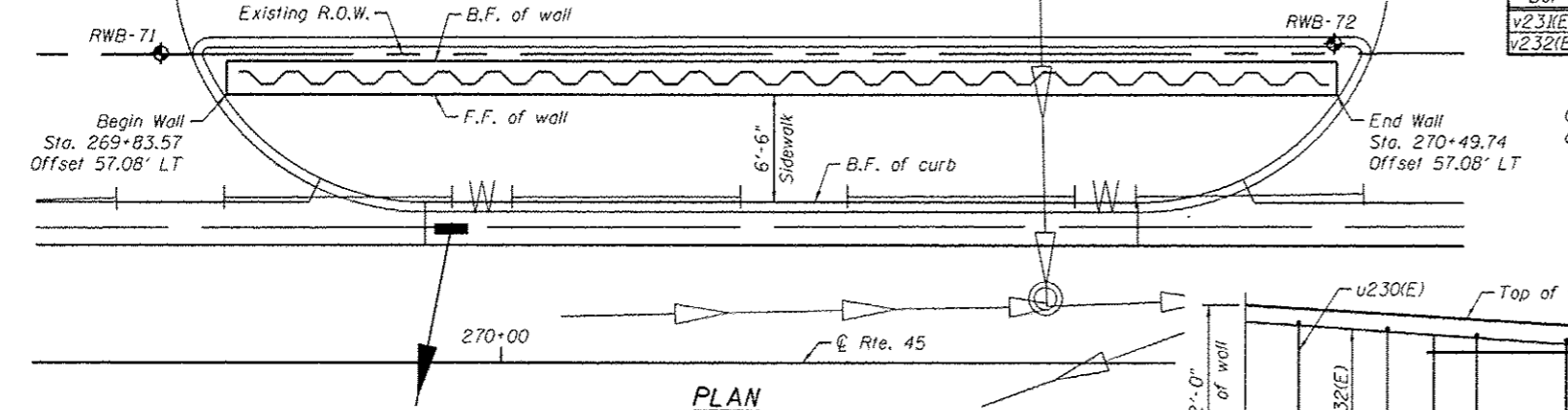
RETAINING WALL NO. 22 - S.N. 016-Z048
STA. 269 + 47.67 TO 269 + 61.71

SHEET NO. 21 OF 42 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	497
CONTRACT NO. 60M61			ILLINOIS FED. AID PROJECT	



ELEVATION
(Looking West)



PLAN

NOTES:

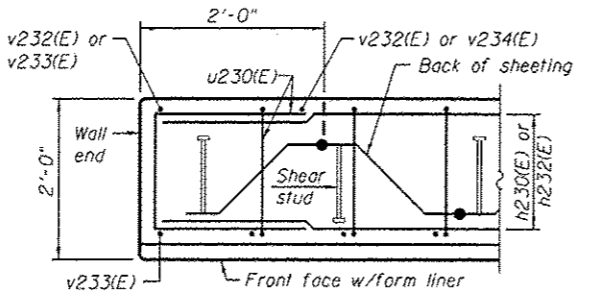
Wall stations, offsets and dimensions are measured at front face of wall.
All exposed corners shall have a 1" chamfer.
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
For Typical Wall Details and Ornamental Railing see Sheet 2.

LEGEND

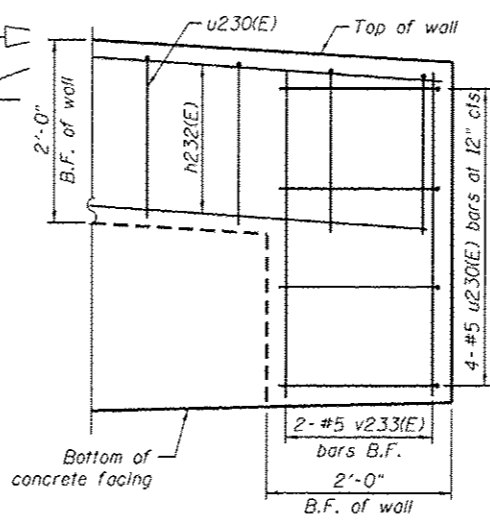
- ① - Panel No.
- ◆ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

BAR LAPS

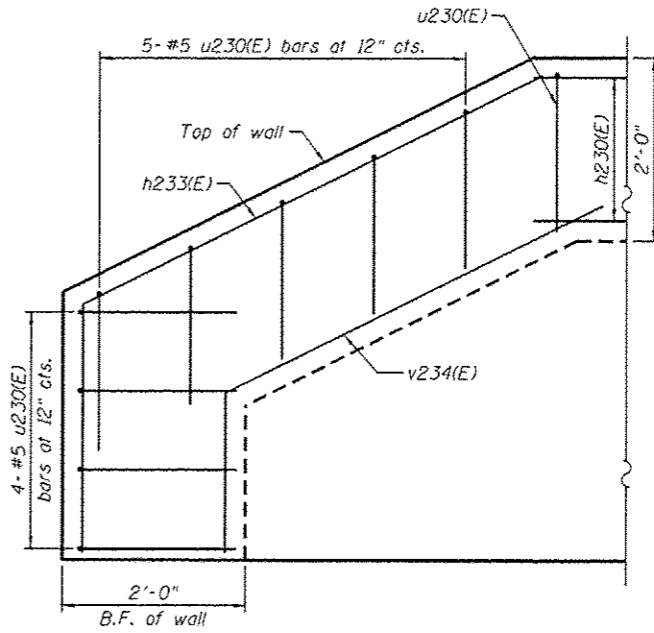
Basic Lap #5 bars - 2'-7"
Top Bar Lap #5 bars - 2'-11"



PLAN AT END OF WALL

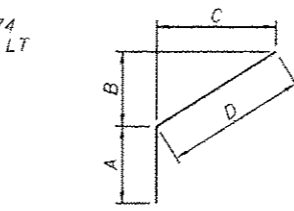


TYPICAL END CAP DETAIL
(v232(E) bars in F.F. not shown for clarity)

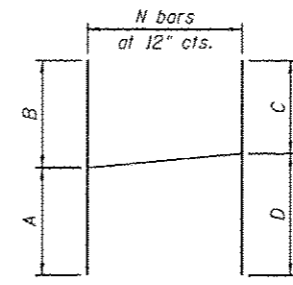


END CAP DETAIL 2
(v230(E) bars in F.F. not shown for clarity)

BAR u230(E)



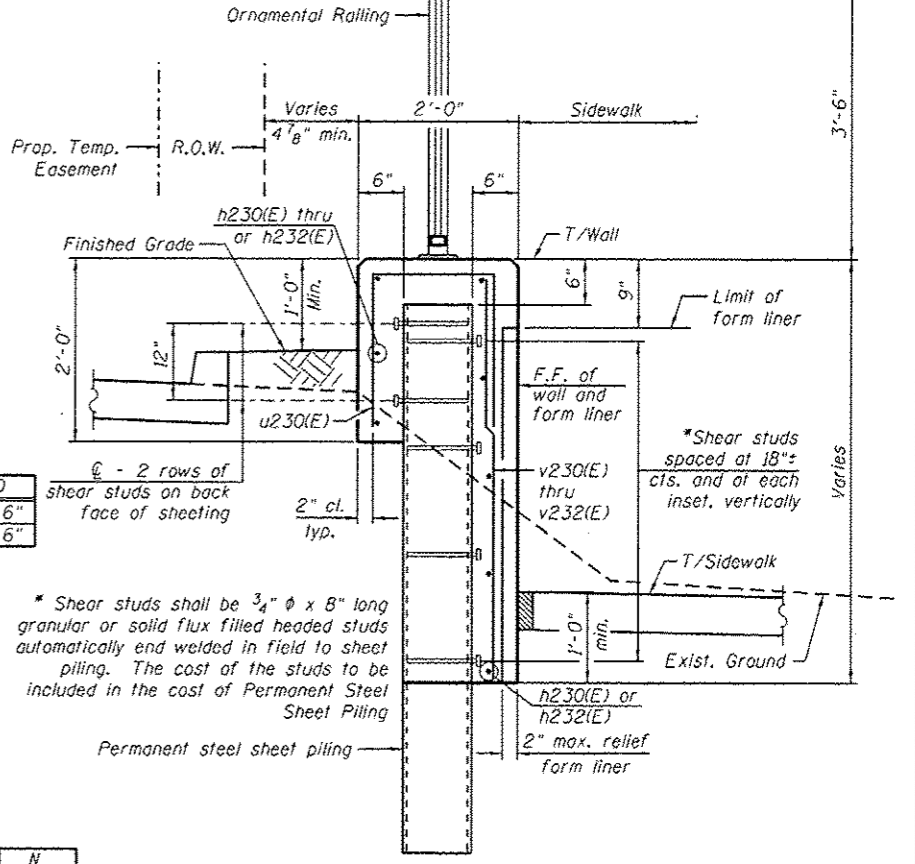
Bar	A	B	C	D
h233(E)	2'-7"	2'-5 1/2"	4'-11"	5'-6"
h234(E)	1'-8"	2'-0 1/8"	4'-0 1/4"	4'-6"



Bar	A	B	C	D	N
v231(E)	4'-2"	5'-1"	4'-7"	4'-8"	13
v232(E)	2'-8"	4'-2"	3'-4"	3'-6"	19

BAR CUTTING DIAGRAM

Order v(E) bars full length. Cut as shown and use all bars in F.F.

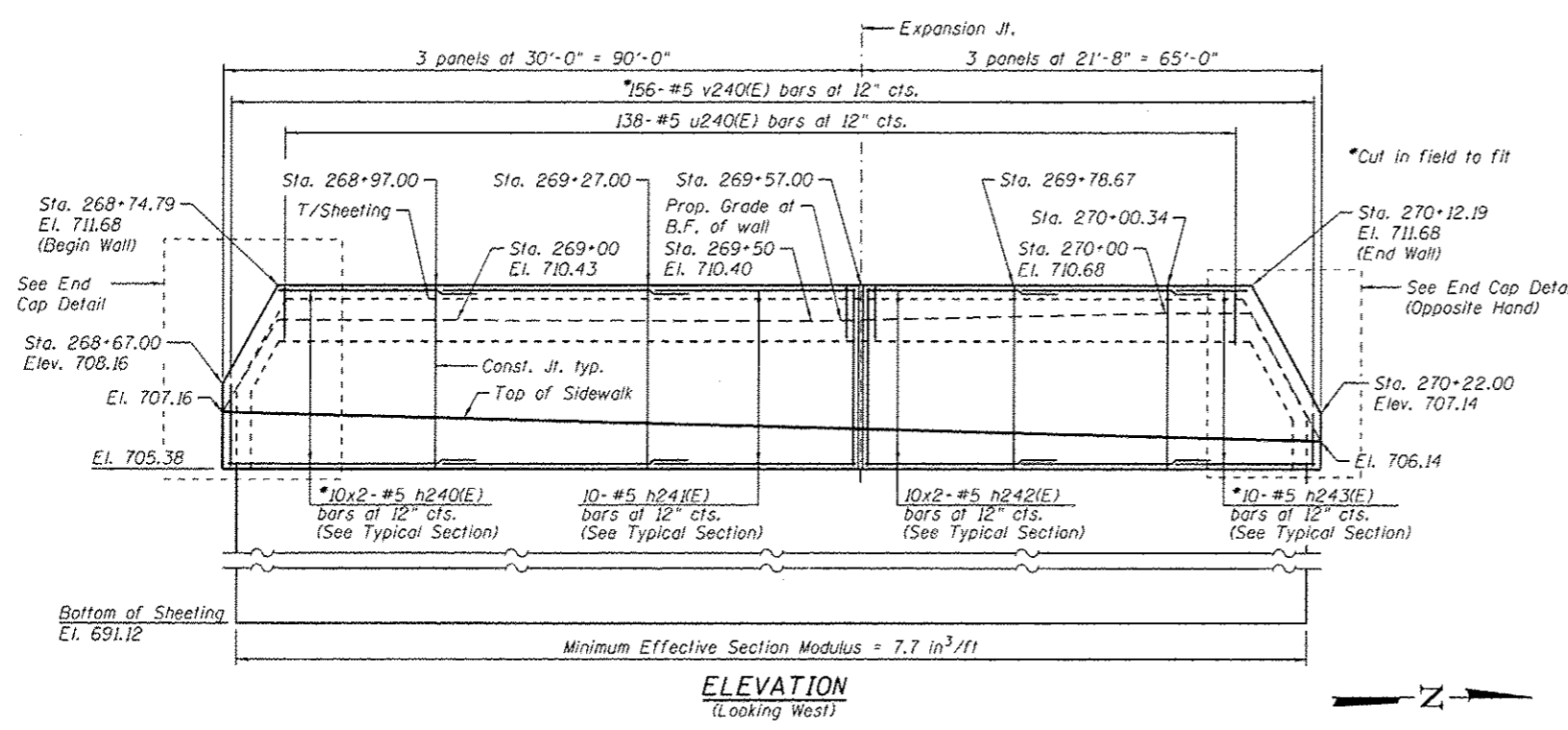


TYPICAL SECTION THROUGH WALL

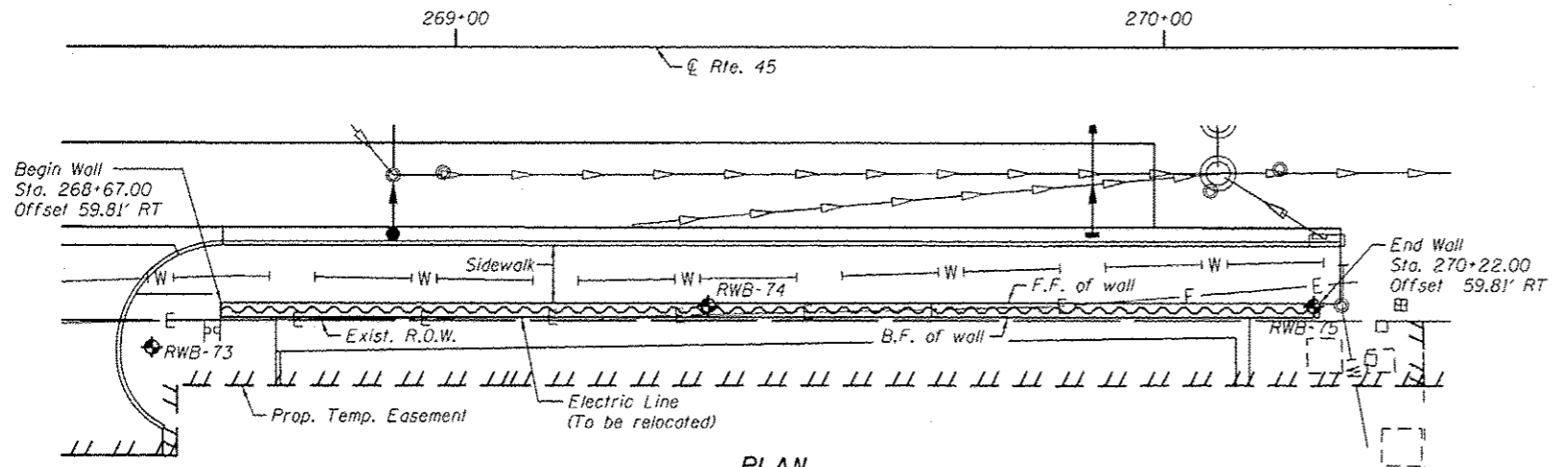
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h230(E)	7	#5	32'-11"	
h231(E)	6	#5	21'-0"	
h232(E)	6	#5	17'-9"	
h233(E)	1	#5	8'-1"	
h234(E)	1	#5	6'-2"	
u230(E)	85	#5	4'-7"	□
v230(E)	6	#5	4'-8"	
v231(E)	13	#5	9'-3"	
v232(E)	19	#5	6'-10"	
Structure Excavation			Cu. Yd.	27
Concrete Structures			Cu. Yd.	18.3
Form Liner Textured Surface			Sq. Ft.	233
Reinforcement Bars, Epoxy Coated			Pound	1200
Permanent Sheet Piling			Sq. Ft.	886
Ornamental Railing			Foot	67

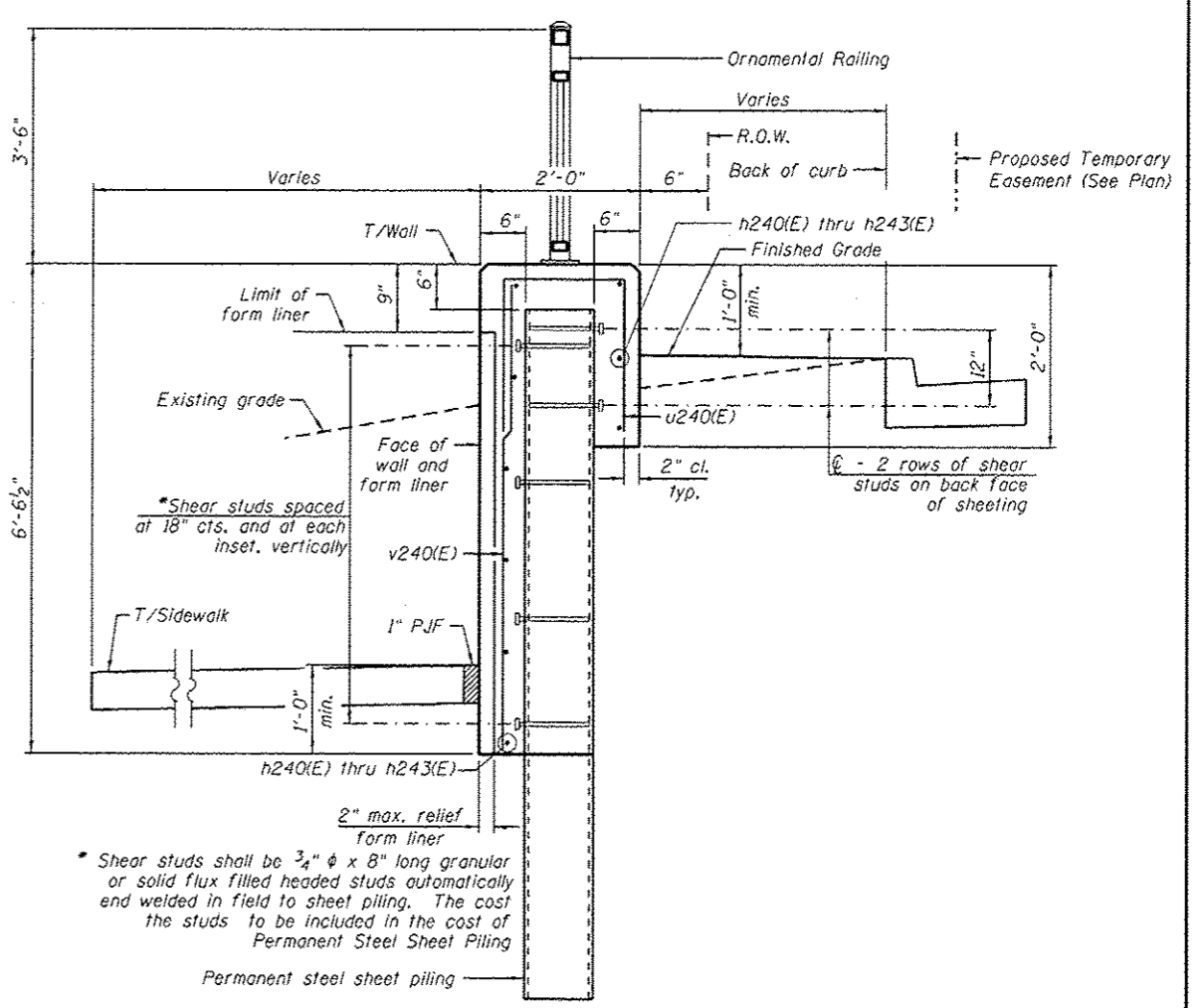
URS
 800 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-0000
 FAX (312) 939-0158



ELEVATION
(Looking West)



PLAN



TYPICAL SECTION THROUGH WALL

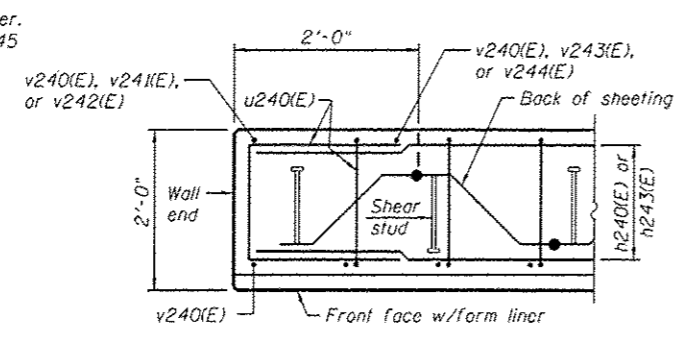
NOTES:
 Wall stations, offsets and dimensions are measured at front face of wall.
 All exposed corners shall have a 1" chamfer.
 For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
 For Typical Wall Details and Ornamental Railing see Sheet 2.

LEGEND

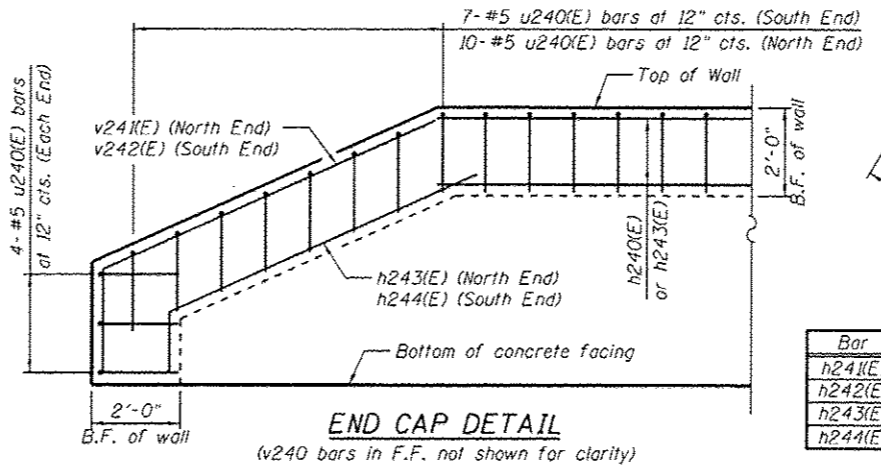
- ① - Panel No.
- ⊕ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

BAR LAPS

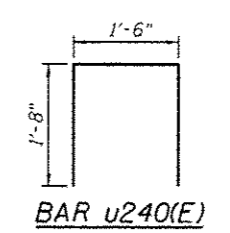
- Basic Lap
- #5 bars - 2'-7"
- Top Bar Lap
- #5 bars - 2'-11"



PLAN AT END OF WALL



END CAP DETAIL



BAR U240(E)

Bar	A	B	C	D
h241(E)	1'-7"	4'-5 1/8"	9'-7 1/4"	10'-7"
h242(E)	2'-4"	3'-5 1/8"	7'-7 1/8"	8'-4"
h243(E)	8"	4'-2 1/2"	9'-0"	10'-0"
h244(E)	1'-5"	3'-3 1/2"	7'-3 1/2"	8'-0"

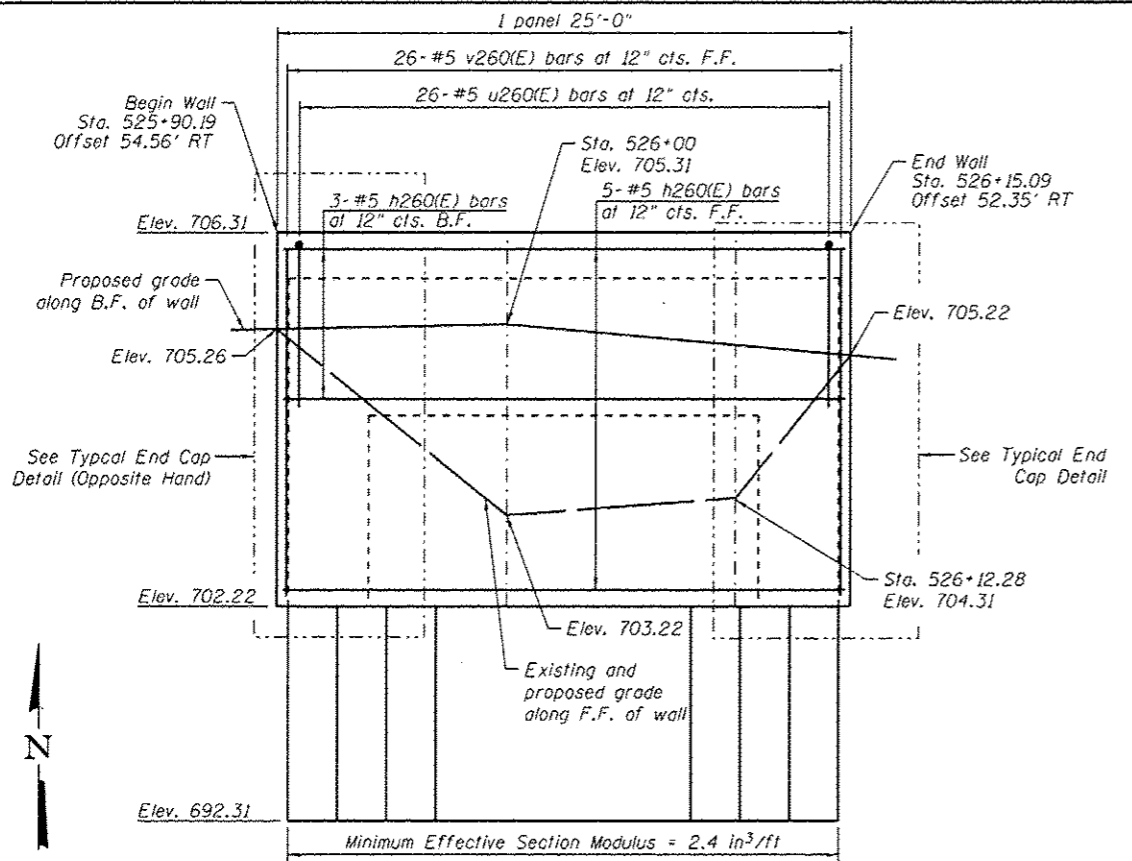
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h240(E)	20	#5	32'-11"	
h241(E)	10	#5	29'-8"	
h242(E)	20	#5	24'-7"	
h243(E)	10	#5	21'-4"	
u240(E)	163	#5	4'-7"	□
v240(E)	156	#5	6'-2"	
v241(E)	1	#5	12'-2"	
v242(E)	1	#5	10'-8"	
v243(E)	1	#5	10'-8"	
v244(E)	1	#5	9'-5"	
Structure Excavation			Cu. Yd.	73
Concrete Structures			Cu. Yd.	67.3
Form Liner Textured Surface			Sq. Ft.	958
Reinforcement Bars, Epoxy Coated			Pound	3,560
Permanent Sheet Piling			Sq. Ft.	3,408
Ornamental Railing			Foot	155

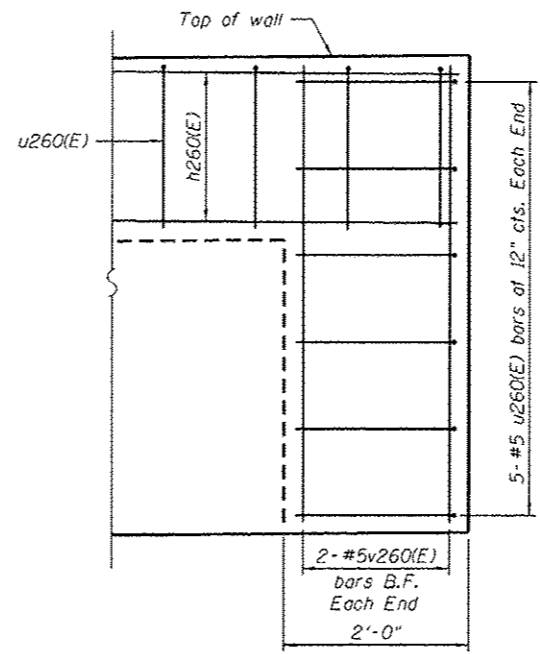
Bars indicated thus 10x2-#5 etc. indicates 10 lines of bars with 2 lengths per line.

Entire sheet revised

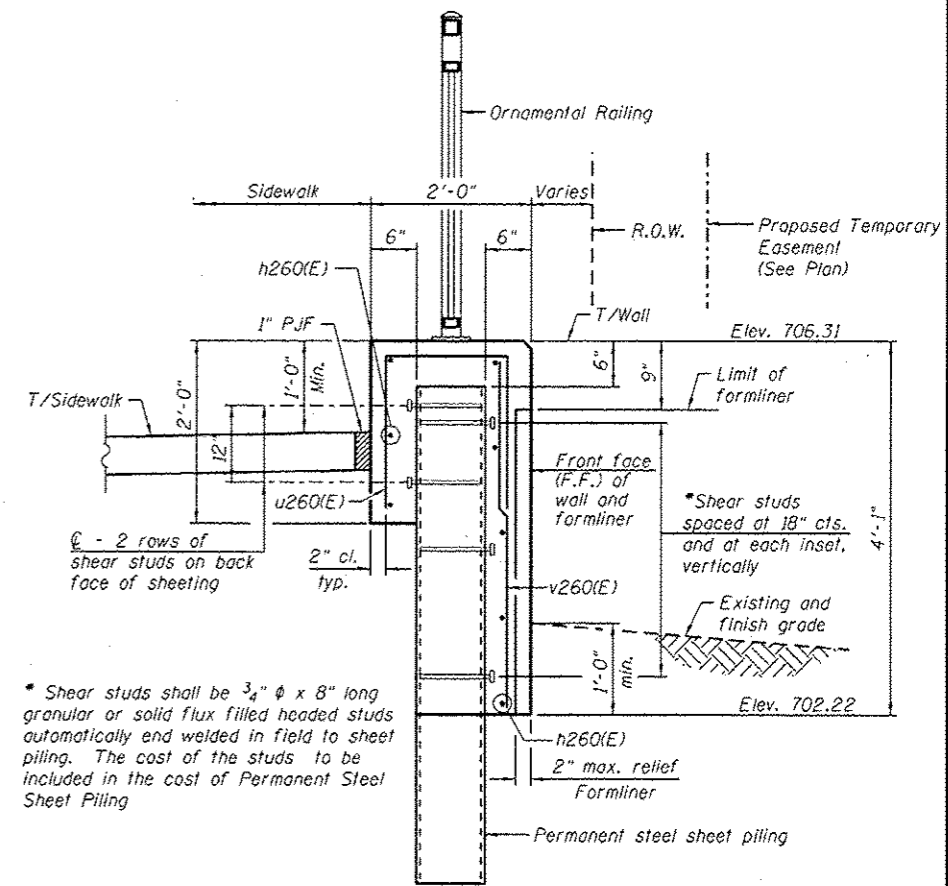
URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL: (312) 866-0000
 FAX: (312) 866-0000



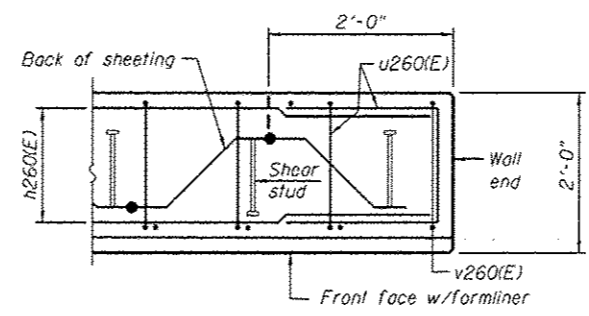
ELEVATION



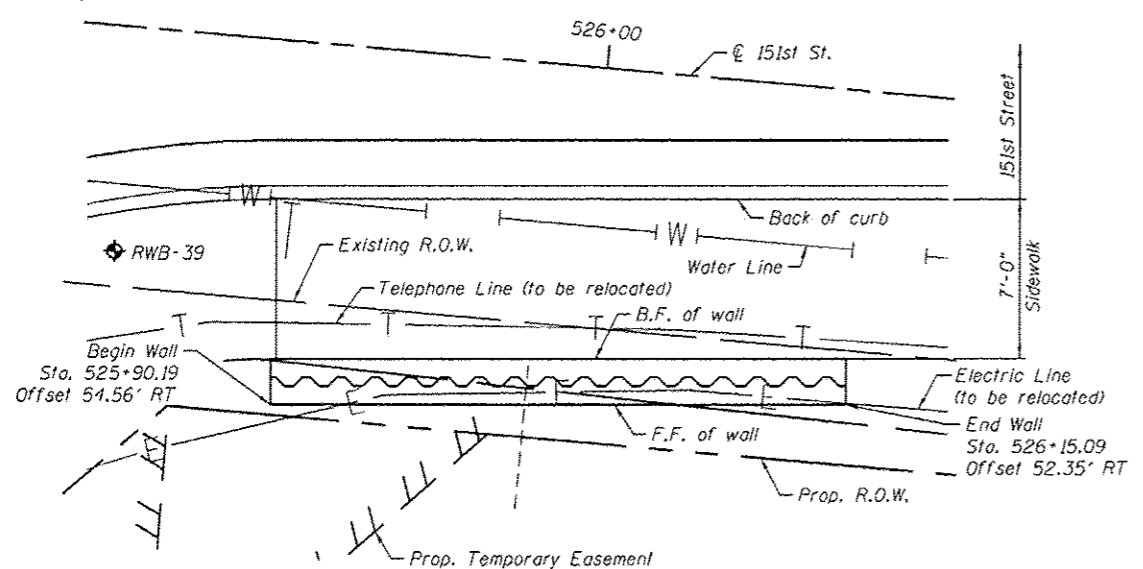
TYPICAL END CAP DETAIL
(v260(E) bars in F.F. not shown for clarity)



TYPICAL SECTION THROUGH WALL



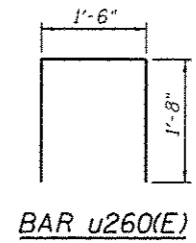
PLAN AT END OF WALL



PLAN

* Shear studs shall be 3/4" ϕ x 8" long granular or solid flux filled headed studs automatically end welded in field to sheet piling. The cost of the studs to be included in the cost of Permanent Steel Sheet Piling

NOTES:
Wall stations, offsets and dimensions are measured at front face of wall.
All exposed corners shall have a 1" chamfer.
For General Notes, Wall Key Plan and US 45 Profile, see Sheet 1.
For Typical Wall Details and Ornamental Railing see Sheet 2.



BAR u260(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h260(E)	8	#5	24'-8"	—
u260(E)	36	#5	4'-10"	□
v260(E)	30	#5	3'-11"	—
Structure Excavation			Cu. Yd.	6
Concrete Structures			Cu. Yd.	6.8
Form Liner Textured Surface			Sq. Ft.	83
Reinforcement Bars, Epoxy Coated			Pound	510
Permanent Sheet Piling			Sq. Ft.	321
Ornamental Railing			Foot	25

LEGEND

- ① - Panel No.
- ◆ - Soil Boring
- F.F. - Front Face
- B.F. - Back Face
- E.F. - Each Face

BAR LAPS

- Basic Lap
#5 bars - 2'-7"
- Top Bar Lap
#5 bars - 2'-11"

▲ Entire sheet revised

URS
 800 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL: (312) 871-4000
 FAX: (312) 939-4000

FILE NAME = DIG6MGI-SHT-Wall.26-1.dgn	USER NAME = Patrick.Hannemann	DESIGNED = KMP	REVISED = 04/12/2013 K.M.P.
		CHECKED =	REVISED =
PLOT SCALE = 8.0000' / 1"		DRAWN = KMP	REVISED =
PLOT DATE = 4/15/2013		CHECKED =	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RETAINING WALL NO. 26 - S.N. 016-2052
151ST ST. STATION 525 + 90.19 TO 526 + 15.09

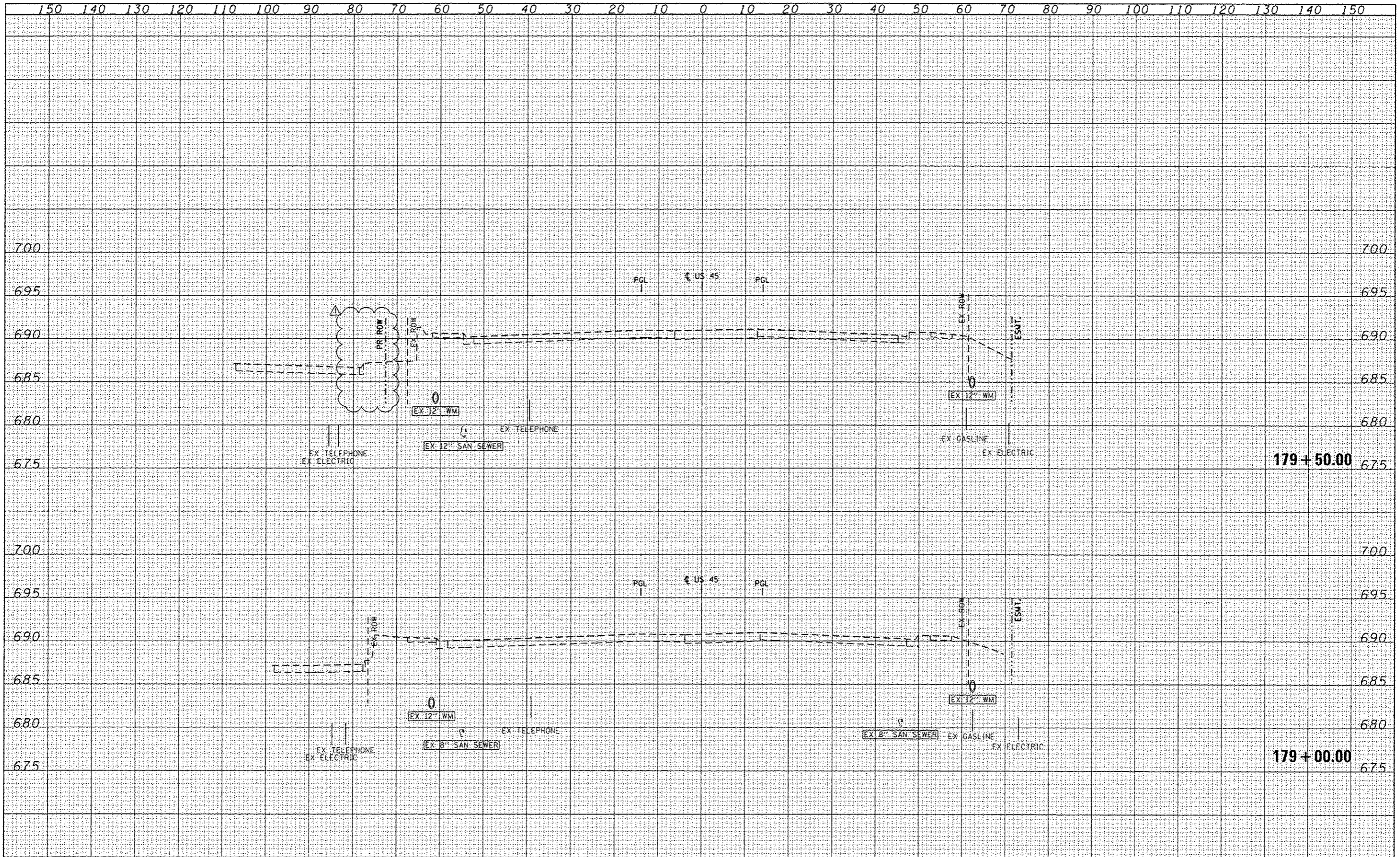
SHEET NO. 25 OF 42 SHEETS

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 501
			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
FILE NAME	
USER NAME	
DESIGNED	
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CHECKED	
DATE	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
FILE NAME	
USER NAME	
DESIGNED	
DRAWN	
CHECKED	
DATE	

100 S. WACKER DR.
CHICAGO, IL 60606
TEL (312) 939-4000
FAX (312) 939-4398

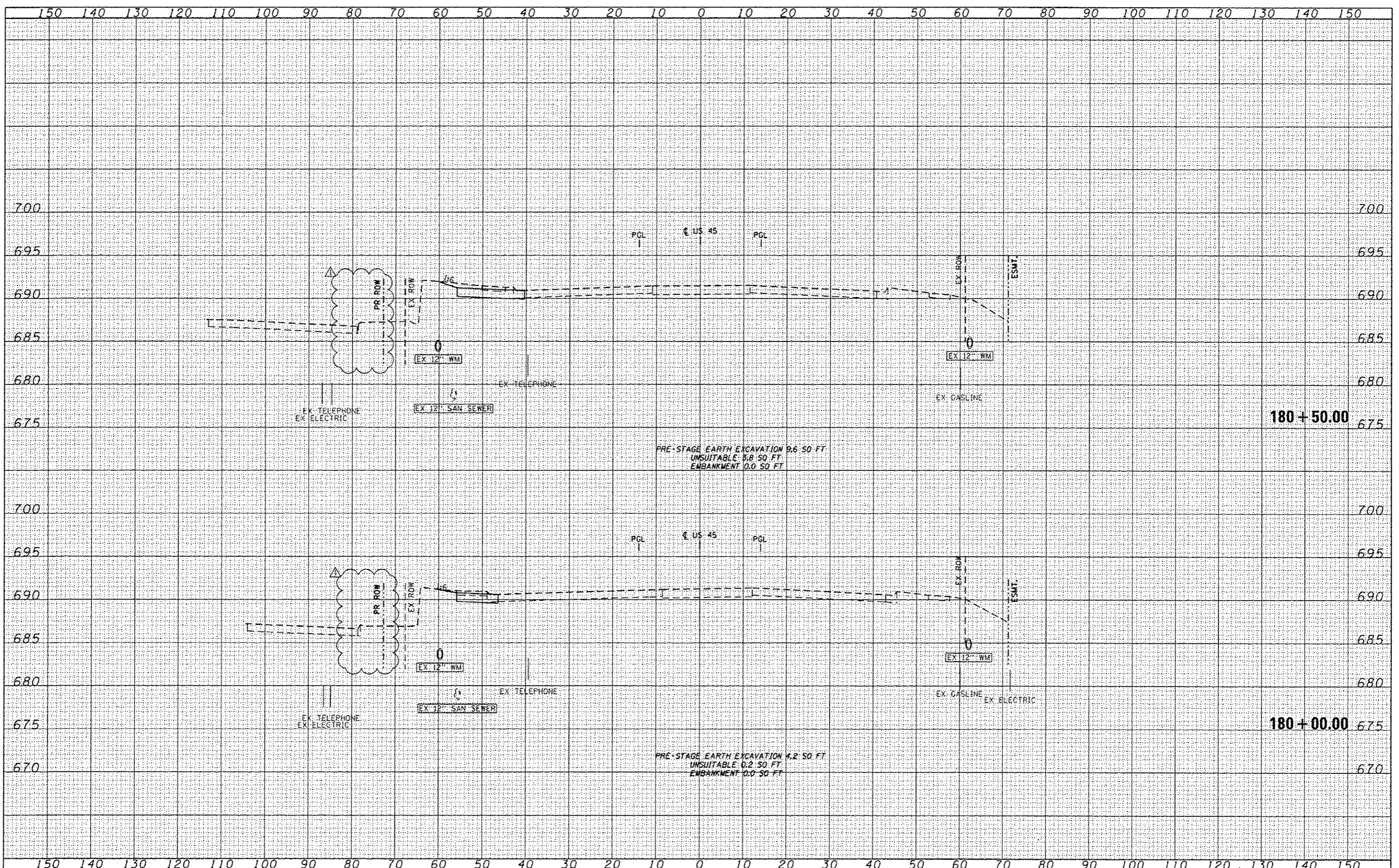


FILE NAME * D:\G06\G1-DHT-X55HT11.dgn	USER NAME * james_pueh	DESIGNED - JCL	REVISED - 04/12/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 TEMPORARY PAVEMENT CROSS SECTIONS			F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 559
	PLOT SCALE * 20.0003 1/16"	CHECKED - MJT	REVISED -		SCALE: 1"=10'H/1"=5'V	SHEET NO. 3 OF 109 SHEETS	STA. 179+00.00 TO STA. 179+50.00	XS-TUS45-03		CONTRACT NO. 60M61		
	PLOT DATE * 4/11/2013	DATE - 03/13/2013	REVISED -		[ILLINOIS] FED. AID PROJECT							

DATE	
BY	
REVISIONS	
NO.	
DATE	
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REVISIONS	
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REVISIONS	
NO.	

URS
 100 SWACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 939-0000
 FAX (312) 939-4558



FILE NAME *
 D:\60661-SHT-X55H11.dgn

USER NAME * jones.push	DESIGNED - JCL	REVISED - 04/12/2012
	DRAWN - JCL	REVISED -
PLOT SCALE * 20.0003 / in.	CHECKED - MJT	REVISED -
PLOT DATE * 4/11/2013	DATE - 03/13/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

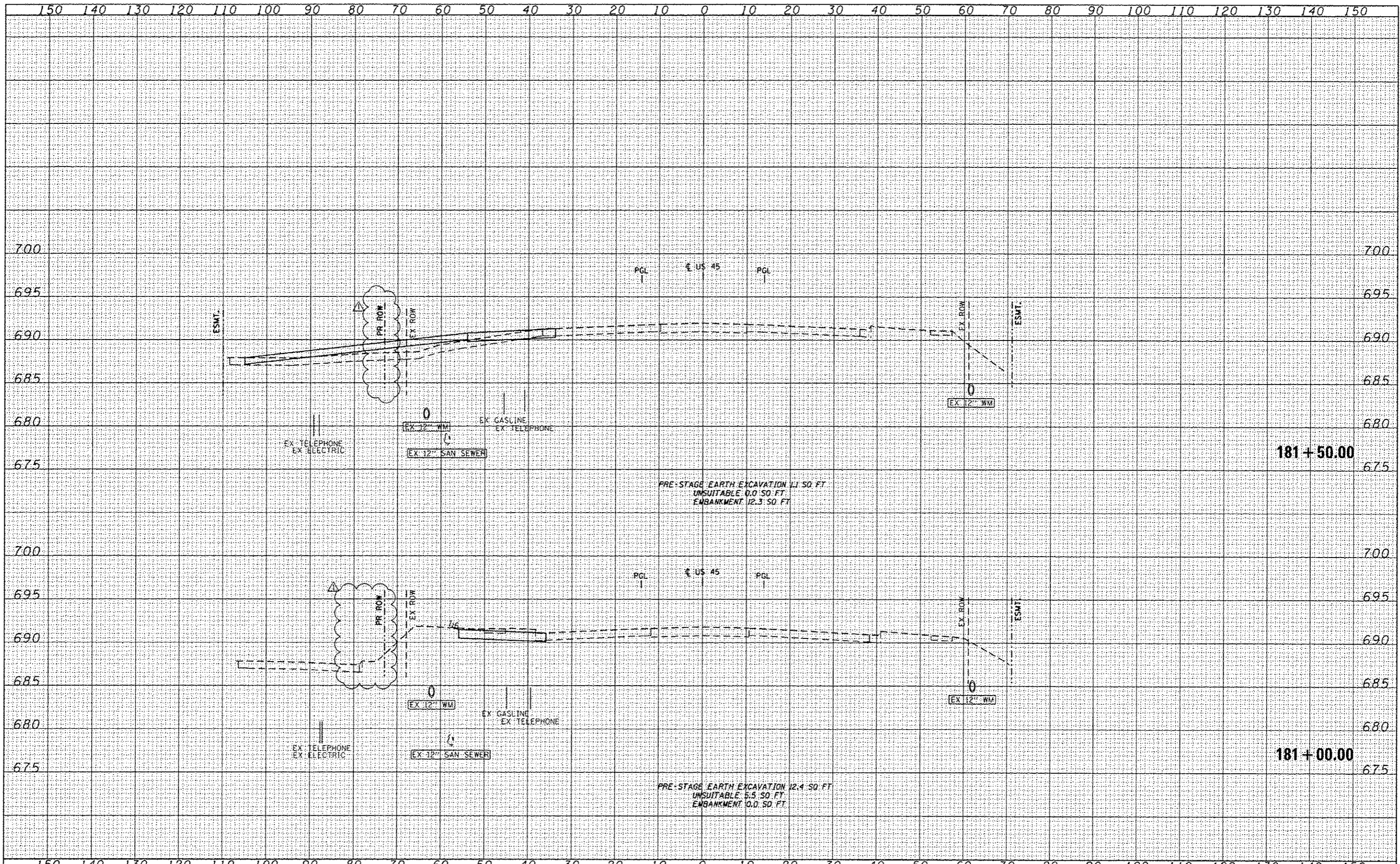
US 45 TEMPORARY PAVEMENT CROSS SECTIONS
 SCALE: 1"=10' H: 1"=5' SHEET NO. 4 OF 109 SHEETS STA. 180+00.00 TO STA. 180+50.00

F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 560
XS-TUS45-04			CONTRACT NO. 60M61	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED	
SURVEY	
NOTED	
BOOK	
NO.	

DATE	
BY	
ORIGINAL	
SURVEY	
NOTED	
BOOK	
NO.	

URS
 100 E Wacker Dr.
 Suite 500
 Chicago, IL 60606
 TEL 312-939-0000
 FAX 312-939-4998

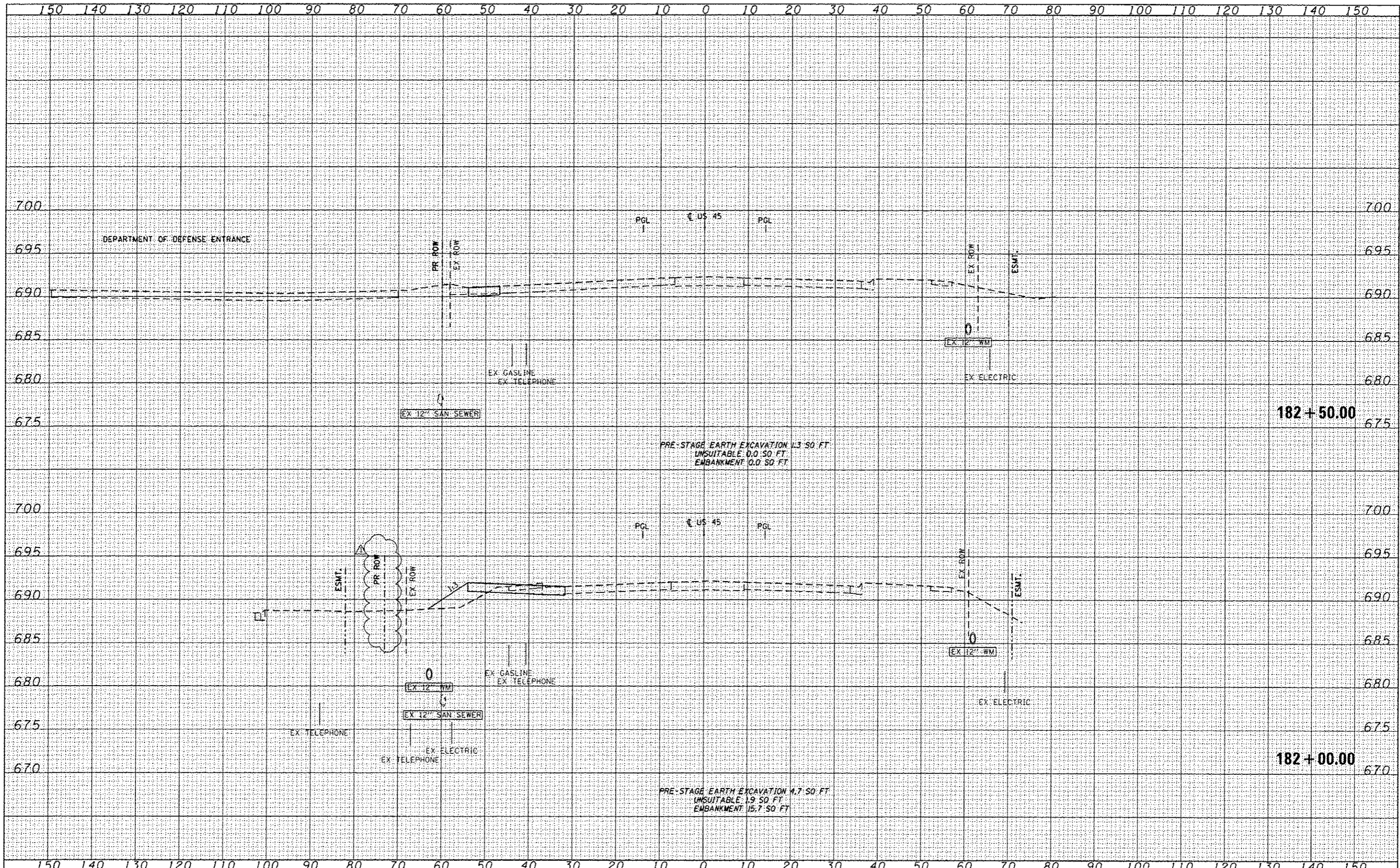


FILE NAME D:\606M1-SHT-K55HT11.dgn	USER NAME james_pugh	DESIGNED - JCL	REVISED - 04/12/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 TEMPORARY PAVEMENT CROSS SECTIONS	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 561
PLOT SCALE = 20.0001" / 1"	CHECKED - MUT	REVISOR -	SCALE 1"=10'H=1"=5'			SHEET NO. 5 OF 109 SHEETS	STA. 181+00.00	TO STA. 181+50.00	CONTRACT NO. 60MG1	
PLOT DATE = 4/11/2013	DATE = 03/13/2013	REVISOR -	ILLINOIS FED. AID PROJECT							

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
FILE NAME	
USER NAME	
DESIGNED	
DRAWN	
CHECKED	
DATE	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
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100 SWANSEY DR.
 CHICAGO, IL 60606
 TEL (312) 291-0000
 FAX (312) 291-4588



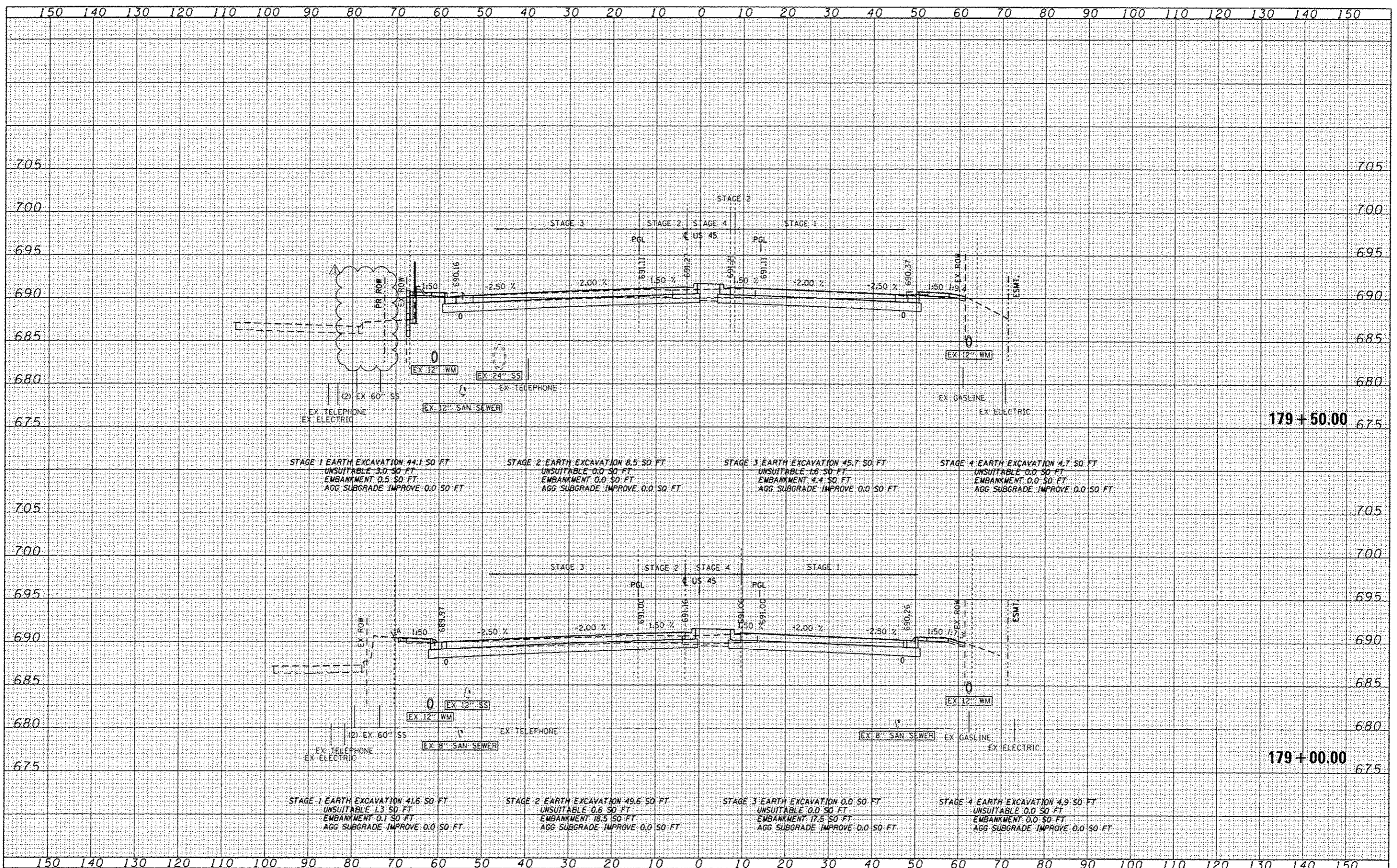
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	PLOT SCALE : 20.0003' / 1"	CHECKED - MJT	REVISED -			SCALE: 1"=10'H=1"=5'V SHEET NO. 6 OF 109 SHEETS STA. 182+00.00 TO STA. 182+50.00		XS-TUS45-06		CONTRACT NO. 60MG1	
	PLOT DATE : 4/11/2013	DATE - 03/13/2013	REVISED -			ILLINOIS FED. AID PROJECT					

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100 S. WACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL 312/259-0000
FAX 312/259-4198

URS

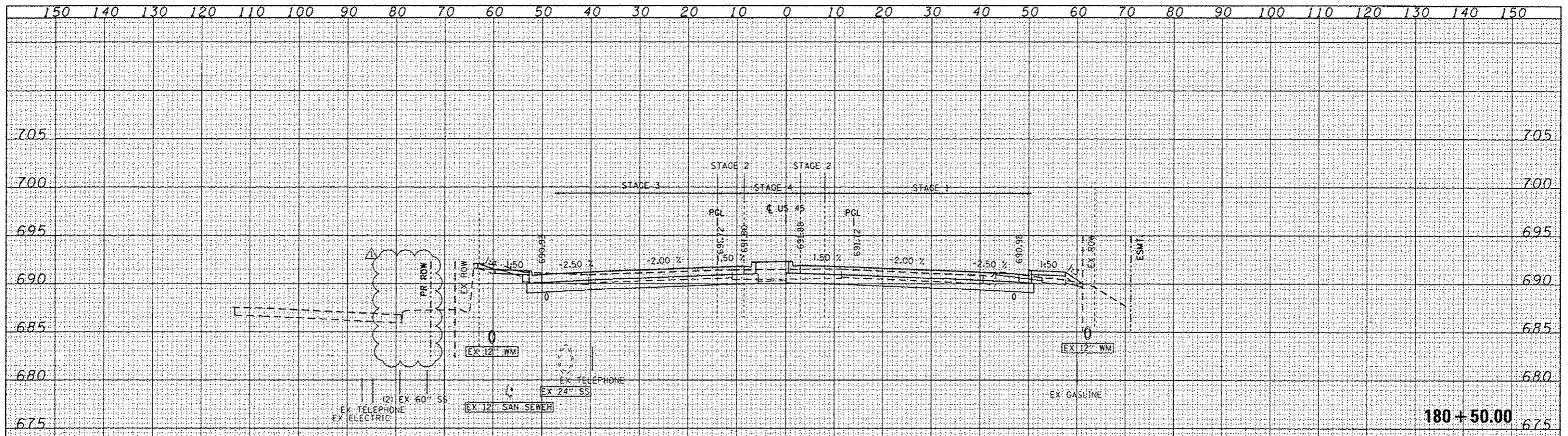


FILE NAME : DIGR6M61-SHT-K55H101.dgn	USER NAME : jamaa.push	DESIGNED - JCL	REVISED - 04/12/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 CROSS SECTIONS SCALE: 1"=10'H/1"=5'V SHEET NO. 3 OF 123 SHEETS STA. 179+00.00 TO STA. 179+50.00	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 708
PLOT SCALE : 20,0000 / 1	CHECKED - MJT	REVISIONS	REVISIONS			XS-US45-03 CONTRACT NO. 60MG1				
PLOT DATE : 4/11/2013	DATE - 03/13/2013	REVISIONS	REVISIONS			ILLINOIS FED. AID PROJECT				

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100 SWACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL (312) 939-0000
FAX (312) 939-0058

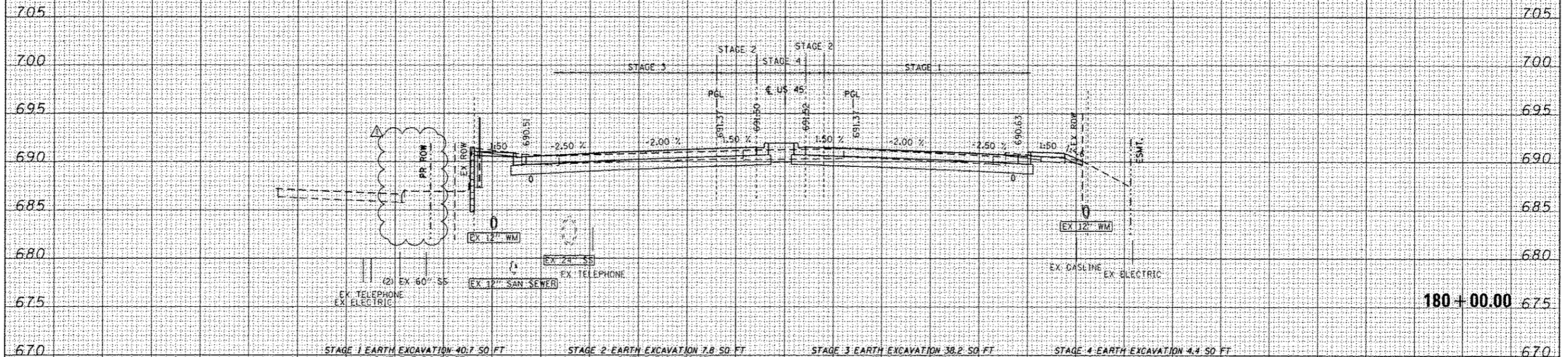


STAGE 1 EARTH EXCAVATION 35.4 SO FT
UNSUITABLE 4.3 SO FT
EMBANKMENT 6.1 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT

STAGE 2 EARTH EXCAVATION 5.5 SO FT
UNSUITABLE 0.0 SO FT
EMBANKMENT 0.0 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT

STAGE 3 EARTH EXCAVATION 35.1 SO FT
UNSUITABLE 0.0 SO FT
EMBANKMENT 1.0 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT

STAGE 4 EARTH EXCAVATION 3.5 SO FT
UNSUITABLE 0.0 SO FT
EMBANKMENT 0.0 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT



STAGE 1 EARTH EXCAVATION 40.7 SO FT
UNSUITABLE 3.6 SO FT
EMBANKMENT 3.8 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT

STAGE 2 EARTH EXCAVATION 7.8 SO FT
UNSUITABLE 0.0 SO FT
EMBANKMENT 0.0 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT

STAGE 3 EARTH EXCAVATION 38.2 SO FT
UNSUITABLE 3.4 SO FT
EMBANKMENT 0.0 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT

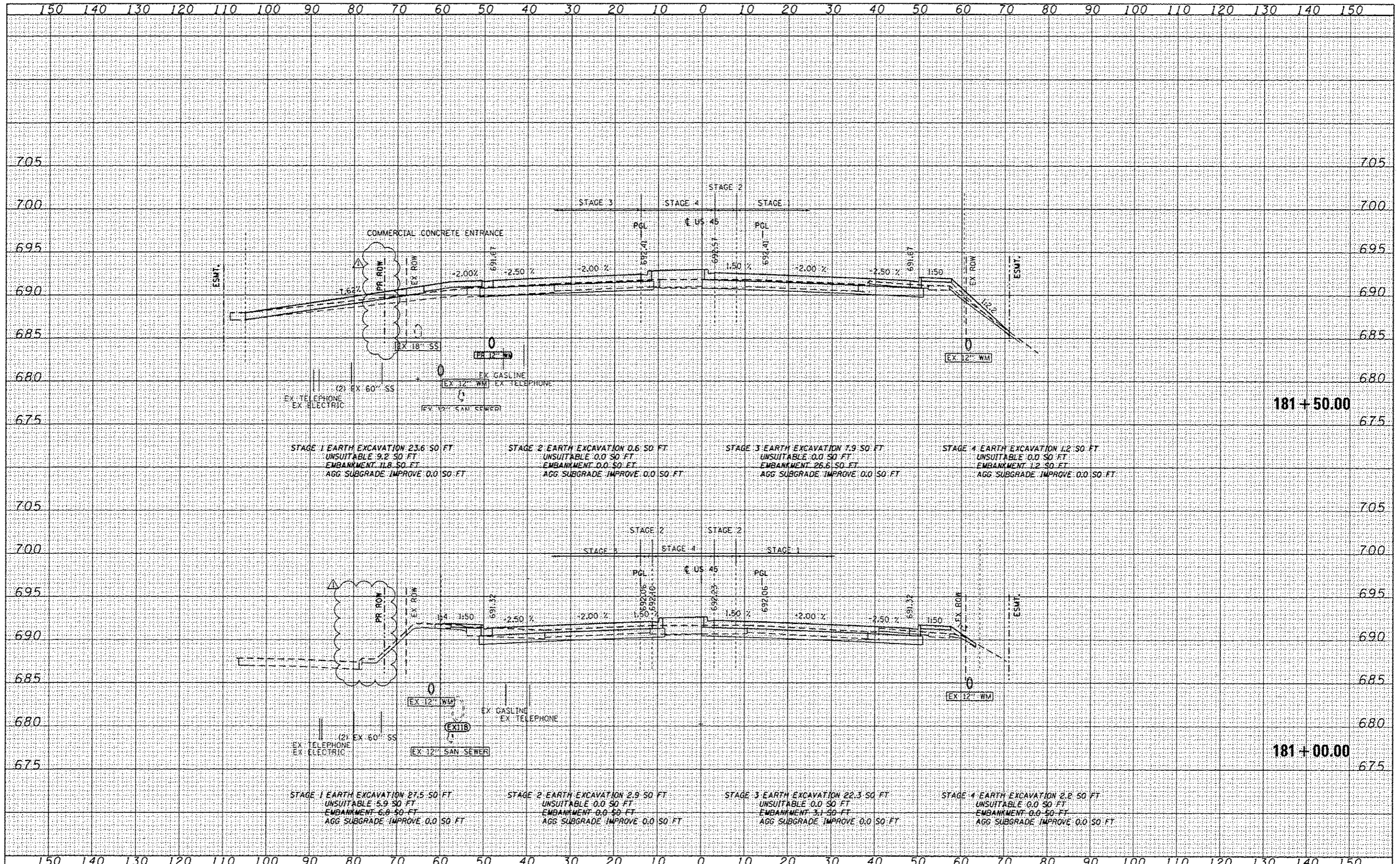
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UNSUITABLE 0.0 SO FT
EMBANKMENT 0.0 SO FT
AGG SUBGRADE IMPROVE 0.0 SO FT

FILE NAME : D:\6061-SHT-K5SHT01.dgn	USER NAME : james.push	DESIGNED - JCL	REVISED - 04/12/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 CROSS SECTIONS	F.A.P. RTE. 330	SECTION 103R-4	COUNTY COOK	TOTAL SHEETS 877	SHEET NO. 709	
PLT SCALE : 20.0000 / 1 in.	CHECKED - MJT	REVISIONS	SCALE: 1"=10'H=1"=5' V			SHEET NO. 4 OF 123 SHEETS	STA. 180+00.00 TO STA. 180+50.00	CONTRACT NO. 60M61		ILLINOIS FED. AID PROJECT	
PLT DATE : 4/11/2013	DATE : 03/13/2013	REVISIONS									

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DO SWACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL 312/939-0000
FAX 312/939-0998



FILE NAME :	USER NAME :	DESIGNED :	REVISED :
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		DATE :	REVISED :
		03/13/2013	

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
DIG02MG1-SHT-XS5HT01.dgn	james.push	JCL	04/12/2012
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 45 CROSS SECTIONS

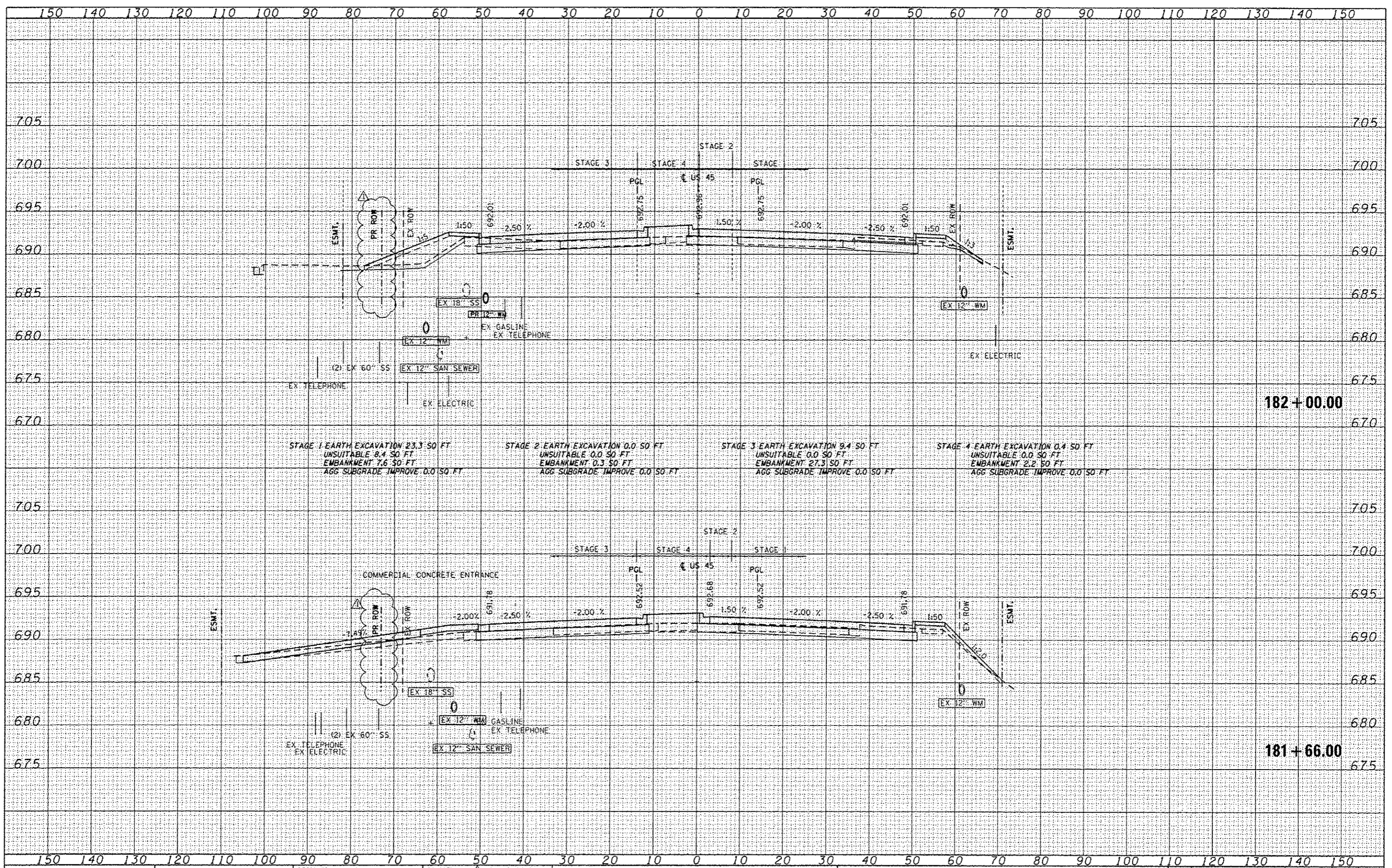
SCALE: 1"=10'H @ 1/4" V
SHEET NO. 5 OF 123 SHEETS | STA. 181+00.00 TO STA. 181+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	710
XS-US45-05		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				

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00 SWACKER DR.
SUITE 500
CHICAGO, IL 60606
TEL 312/939-0000
FAX 312/939-0158



FILE NAME: D:\60606\1-SHT-XS(SHT)1.dgn
USER NAME: jones_push
DESIGNED: JCL
DRAWN: JCL
CHECKED: MJT
DATE: 03/13/2013

DESIGNED	JCL	REVISED	04/12/2012
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 45 CROSS SECTIONS
SCALE: 1"=10'H @ 1"=5' SHEET NO. 6 OF 123 SHEETS STA. 181+66.00 TO STA. 182+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-4	COOK	877	711
XS-US45-06		CONTRACT NO. 60M61		
ILLINOIS FED. AID PROJECT				