

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLER, P.E. 847-705-4406, SCHAUMBURG, IL

FOR INDEX OF SHEETS, SEE SHEET NO. 2 08-04-2017 LETTING ITEM 015

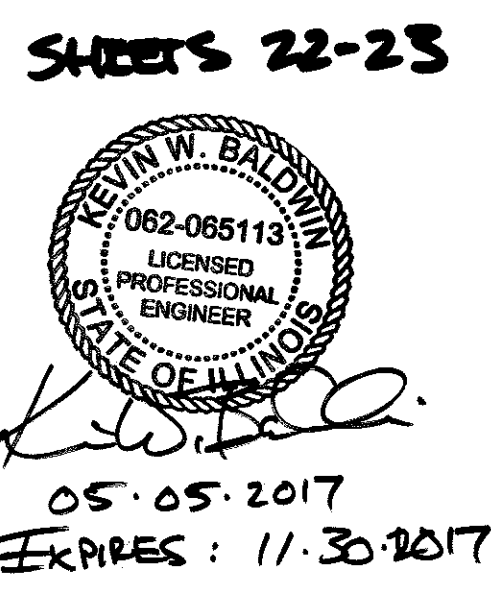
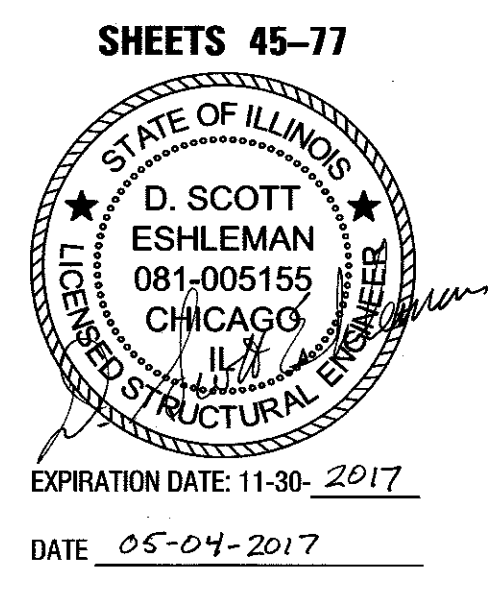
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

**LINCOLNWOOD VALLEY LINE TRAIL
OVER FAU ROUTE 1340 (TOUHY AVENUE)
KILPATRICK AVENUE TO KILBOURN AVENUE
BRIDGE-BICYCLE OVERPASS**

**SECTION 12-00059-00-BR
PROJECT CMM-4003(025)
VILLAGE OF LINCOLNWOOD
COOK COUNTY
C-91-435-12**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	1
		ILLINOIS	CONTRACT NO. 61D97	

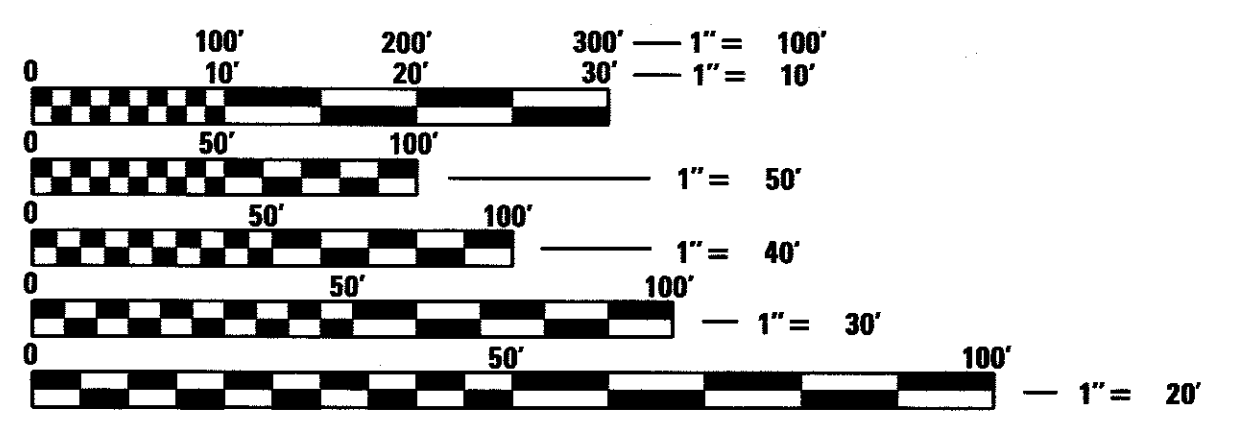


TRAFFIC DATA

TOUHY AVENUE POSTED SPEED LIMIT = 30 MPH
TOUHY AVENUE DESIGN SPEED LIMIT = 30 MPH
TOUHY AVENUE TRAFFIC VOLUME = 37,000 ADT 2014

HIGHWAY CLASSIFICATION

LINCOLNWOOD VALLEY LINE TRAIL DESIGN DESIGNATION = OFF SYSTEM TRAIL
TOUHY AVENUE DESIGN DESIGNATION = MINOR ARTERIAL

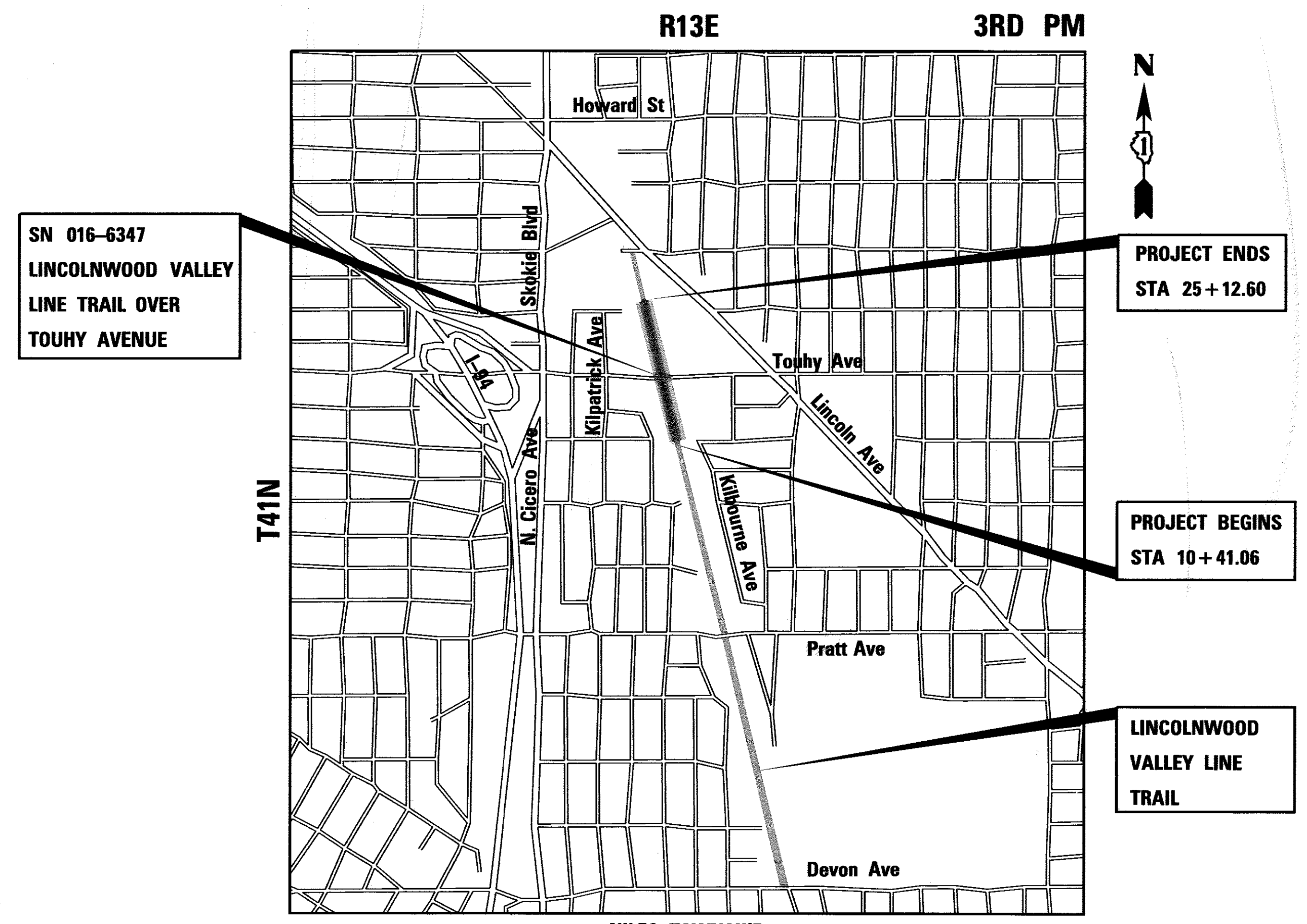


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: THOMAS J. GLUECKERT, P.E., PTOE
PROJECT MANAGER: TYLER H. GRAU, P.E.
CONTRACT NO. 61D97

Stanley Consultants INC.
8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
www.stanleyconsultants.com
Phone 773.693.9624 Fax 773.693.7690
Illinois Firm Registration No.: 184-001533



SN 016-6347
LINCOLNWOOD VALLEY
LINE TRAIL OVER
TOUHY AVENUE

PROJECT ENDS
STA 25+12.60

PROJECT BEGINS
STA 10+41.06

LINCOLNWOOD
VALLEY LINE
TRAIL

NILES TOWNSHIP
GROSS LENGTH = 1,471.72 FT. = 0.278 MILE
NET LENGTH = 1,175.97 FT. = 0.223 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED May 4 2017
[Signature] VILLAGE OF LINCOLNWOOD, VILLAGE MANAGER

PASSED MAY 23 2017
[Signature] CHRISTOPHER HOYT
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW MAY 24 2017
[Signature] ANTHONY J. QUIGLEY
REGIONAL ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

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COMMITMENTS:

COMMONWEALTH EDISON LEASE AGREEMENT REQUIREMENTS

GENERAL NOTES:

1. THE ILLINOIS DEPARTMENT OF TRANSPORTATION IS NOT THE OWNER OF RECORD FOR THIS BRIDGE. HISTORIC AS-BUILT OR OTHER RECORD PLANS ARE NOT AVAILABLE FOR THE FOLLOWING REASON: NEW BRIDGE.
2. ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM UNLESS OTHERWISE NOTED.
3. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
4. THE CONTRACTOR SHALL CONTACT JULIE AT (800) 892-0123 FOR FIELD LOCATION OF UTILITIES.
5. THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THE APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THE DRAWINGS ACCORDING TO INFORMATION OBTAINED FROM UTILITY COMPANIES AND SURVEYS. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD CHECK AND VERIFY ALL EXISTING UTILITY LOCATIONS, DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL REPORT TO THE ENGINEER ANY OMISSIONS OR DISCREPANCIES FROM THE LOCATIONS SHOWN ON THE DRAWINGS.
7. THE CONTRACTOR SHALL NOTIFY THE VILLAGE ENGINEER (847-745-4862) AT LEAST 72 HOURS IN ADVANCE OF BEGINNING WORK AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER. THE STORAGE OF EQUIPMENT OR MATERIALS WITHIN THE PARKWAYS SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF LINCOLNWOOD PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO ANY WORK IN ORDER TO OBTAIN VILLAGE UTILITY LOCATIONS.
8. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN THE EXISTING ROADWAY ACCORDING TO ARTICLE 107.15 OF THE IDOT STANDARD SPECIFICATIONS.

GENERAL NOTES CONT:

9. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JAN. 1, 2017. THE DETAILS IN THE PLANS AND SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
10. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCESSING ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT THEIR OWN RISK AND EXPENSE.
11. BEFORE ACCEPTANCE BY THE ENGINEER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE ENGINEER. FINAL PAYMENT WILL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED BY THE ENGINEER AND THE PERMITTING AGENCIES.
12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM THEIR CONSTRUCTION OPERATIONS.
13. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY EQUIPMENT OR LABORERS TO EXISTING CONDITIONS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTING ALL NEW WORK UNTIL COMPLETION OF THIS CONTRACT.
14. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHT-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT IN LOCATIONS WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
15. THE CONTRACTOR SHALL BE AWARE THAT WINTER WORK WILL BE REQUIRED IN ORDER TO MEET THE COMPLETION DATE OF THE CONTRACT.

PAVING AND GRADING NOTES:

1. ALL PAVEMENT DIMENSIONS ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE INDICATED.
2. PAVING WORK SHALL INCLUDE FINAL SUB-GRADE SHAPING AND PREPARATION, FORMING, PLACEMENT OF BASE COURSE MATERIALS, AND SUBSEQUENT BINDER AND/OR SURFACE COURSES, FINISHING AND CURING OF CONCRETE, FINAL CLEAN-UP AND ALL RELATED WORK.
3. ALL DISTURBED NON-PAVEMENT AREAS SHALL BE ROUGH GRADED. THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION PREVENTION AND REPAIR.
4. ALL PORTLAND CEMENT CONCRETE SHALL BE CURED AND PROTECTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TWO COATS OF WHITE CURING COMPOUND PER STANDARD SPECIFICATION ART. 1022.01 SHALL BE APPLIED TO ALL CONCRETE WORK AS SOON AS THE FINISH IS COMPLETE, WITHIN ONE (1) HOUR OF FINAL STRIKING.
5. UNLESS OTHERWISE NOTED, CONCRETE SIDEWALKS SHALL BE 5" THICK (8" THICK THROUGH DRIVEWAYS), SET ON 4" CRUSHED STONE COMPACTED SUBBASE AND SHALL BE 1/4" ABOVE THE ADJACENT CURB.

TRAFFIC CONTROL:

1. THE INSTALLATION OF THE PREFABRICATED BRIDGE SECTIONS OVER TOUHY AVENUE MUST BE COMPLETED AT NIGHT BETWEEN THE HOURS OF 9 PM AND 5 AM, AS SPECIFIED IN THE SPECIAL PROVISION FOR "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (WITH 15 MIN FULL STOPS)". THE CONTRACTOR SHALL NOTIFY THE ENGINEER 7 CALENDAR DAYS (SUNDAY THROUGH THURSDAY) IN ADVANCE OF NIGHT WORK.
2. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
3. THE CONTRACTOR IS REQUIRED TO NOTIFY THE PUBLIC IN ADVANCE OF THE CLOSURE THROUGH USE OF CHANGEABLE MESSAGE BOARDS, FLIERS TO ADJACENT RESIDENTS AND BUSINESSES, AND ANNOUNCEMENT AT VILLAGE BOARD MEETINGS. THE ENGINEER SHALL PROVIDE FLIERS TO THE CONTRACTOR FOR THEIR USE IN NOTIFYING THE ADJACENT RESIDENTS AND BUSINESSES.

COMMONWEALTH EDISON NOTES:

1. CONSTRUCTION EQUIPMENT AND MATERIALS MAY NOT BE STORED ON SITE OVERNIGHT OR WHEN THERE IS NO WORK ACTIVITY. THE CONTRACTOR IS RESPONSIBLE FOR SECURING A STORAGE AND STAGING AREA OUTSIDE THE PROJECT LIMITS.
2. UNDER NO CIRCUMSTANCES SHOULD TRUCK BEDS BE RAISED UNDER THE TRANSMISSION LINES.

IDOT DISTRICT ONE DETAILS

STD. NO.	DESCRIPTION
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-22	ARTERIAL ROAD INFORMATION SIGN

IDOT HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (8 SHEETS)
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS (2 SHEETS)
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
515001-03	NAME PLATE FOR BRIDGES (2 SHEETS)
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-05	PIPE UNDERDRAINS
602011-02	CATCH BASIN TYPE C
604001-04	FRAME AND LIDS TYPE 1
604036-03	GRATE TYPE 8
606001-06	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER (2 SHEETS)
701101-05	OFF-ROAD OPERATIONS MULTI-LANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS MULTI-LANE, MORE THAN 15' AWAY FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701602-08	URBAN SINGLE LANE CLOSURE, MULTI-LANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE (2 SHEETS)
701901-06	TRAFFIC CONTROL DEVICES (3 SHEETS)
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS (3 SHEETS)

MWRD NOTES

1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055)

2. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWR PIPE MATERIALS AND JOINTS IN A COMBINED SEWER AREA) SHALL CONFORM TO:

<u>PIPE MATERIAL SPEC.</u>	<u>JOINT SPEC.</u>
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VITRIFIED CLAY PIPE	C-425
VCP C-700	
VCP (NO BEL) C-700	
JOINT	C-425
COLLAR	D-1784
CONCRETE PIPE C-14	C-443
RCP C-76	C-443
ACP C-428	D-1869
ABS SEWER PIPE	
SOLID WALL 6" DIA SDR 23.5	
ABS D-2751	D-2751
ABS COMPOSITE/TRUSS PIPE	
8"-15" DIA.	
ABS D-2680	D-2680
PVC GRAVITY SEWER PIPE	
6"-15" DIA. SDR 26	
D-3034	D-3212 OR D-2855
18"-27" DIA. F/DY=46	
F-679	D-3212 OR D-2855
CISP A-74	C-564
DIP A-21.51	A-21.11

(NOTE: THE DISTRICT HAS APPROVED LESS COMMON PIPE MATERIALS ON A QUALIFIED BASIS IN ADDITION TO THOSE ABOVE. PLEASE CONTACT THE DISTRICT IF CONSIDERING USING PIPE NOT LISTED ABOVE.)

6. ALL STORM SEWER CONSTRUCTION IN COMBINED SEWER AREAS, REQUIRES STONE BEDDING WITH STONE 1/4" TO 1" IN SIZE, WITH MINIMUM BEDDING THICKNESS EQUAL TO 1/4 THE OUTSIDE DIAMETER OF THE SEWER PIPE, BUT NOT LESS THAN FOUR (4) INCHES NOR MORE THAN EIGHT (8) INCHES. MATERIAL SHALL BE CA-11 OR CA-13 AND SHALL BE EXTENDED AT LEAST 12" ABOVE THE TOP OF THE PIPE WHEN USING PVC.
7. FLEXIBLE-TYPE COUPLINGS SHALL BE USED IN THE CONNECTION OF SEWER PIPES OF DISSIMILAR MATERIALS.
8. WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING WYE, TEE, OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:
 1. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOLS AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE.
 2. REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.
 3. WITH PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING, USING COUPLINGS TO HOLD IT FIRMLY IN PLACE.
9. RESILIENT CONNECTORS, CONFORMING TO ASTM C-923 OR EQUIVALENT, SHALL BE USED BETWEEN MANHOLE AND PIPES.



USER NAME = 8291	DESIGNED - T.H.G.	REVISED -
	DRAWN - C.E.G.	REVISED -
PLOT SCALE = 1:8000' / in.	CHECKED - D.L.D.	REVISED -
PLOT DATE = 6/23/2017	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS			
INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS			
SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	2
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES						BRIDGE	BIKE PATH
SPECIAL PROVISION	SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	80% CMAQ 20% LOCAL	80% CMAQ 20% LOCAL
						0008	0028
	X	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	942		942
		20101000	TEMPORARY FENCE	FOOT	3,575		3,575
	X	20101200	TREE ROOT PRUNING	EACH	10		10
	X	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10		10
		20200100	EARTH EXCAVATION	CU YD	14		14
		20400800	FURNISHED EXCAVATION	CU YD	1,369	581	788
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,431		6,431
	X	25000110	SEEDING, CLASS 1A	ACRE	1.25		1.25
	X	25000350	SEEDING, CLASS 7	ACRE	1.50		1.50
	X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	117		117
	X	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	117		117
	X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	117		117
	X	25100115	MULCH, METHOD 2	ACRE	1		1
	X	25200100	SODDING	SQ YD	381		381
	X	25200200	SUPPLEMENTAL WATERING	UNIT	12		12
		28000400	PERIMETER EROSION BARRIER	FOOT	3,256		3,256
		28000510	INLET FILTERS	EACH	7		7
		28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	36		36
X		30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,251	1,251	
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	282		282
		35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	2,603		2,603
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	865		865
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	341		341
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	265		265
		42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	36		36
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,537		2,537
		44000600	SIDEWALK REMOVAL	SQ FT	1,079		1,079
		50102400	CONCRETE REMOVAL	CU YD	1		1
		50300225	CONCRETE STRUCTURES	CU YD	284	284	
		50300300	PROTECTIVE COAT	SQ YD	647	647	
		50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	15	15	
		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	65,550	65,550	
		51500100	NAME PLATES	EACH	1	1	
X		52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	17,399	17,399	
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1		1
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	155		155
		58700300	CONCRETE SEALER	SQ FT	2,146	2,146	
X		60108114	PIPE UNDERDRAINS, TYPE 1, 12"	FOOT	510		510
		60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2		2

SUMMARY OF QUANTITIES						BRIDGE	BIKE PATH
SPECIAL PROVISION	SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	80% CMAQ 20% LOCAL	80% CMAQ 20% LOCAL
						0008	0028
	X	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	15		15
	X	66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1		1
	X	66900530	SOIL DISPOSAL ANALYSIS	EACH	1		1
		67100100	MOBILIZATION	LSUM	1	1	
	X	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10		10
	X	72000100	SIGN PANEL - TYPE 1	SQ FT	14		14
	X	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	14		14
	X	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	38		38
	X	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	12		12
	X	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	28		28
	X	72900200	METAL POST - TYPE B	FOOT	110		110
	X	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		8
	X	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2,453		2,453
	X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	16		16
	X	A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3		3
	X	C2003600	SHRUB, HYDRANGEA PANICULATA LITTLE QUICK FIRE (LITTLE QUICK FIRE HYDRANGEA), CONTAINER GROWN, 5 GALLON	EACH	47		47
	X	C2C065G3	SHRUB, ROSA 'BALINE' (EASY ELEGANCE YELLOW SUBMARINE ROSE), CONTAINER GROWN 3-GALLON	EACH	41		41
	X	C2C09784	SHRUB, SPIREA BETULIFOLIA TOR (TOR BIRCHLEAF SPIREA), 2' HEIGHT, CONTAINER	EACH	38		38
	X	D2000196	EVERGREEN, ABIES CONCOLOR (WHITE FIR), 8' HEIGHT, BALLED AND BURLAPPED	EACH	7		7
	X	D2000524	EVERGREEN, JUNIPERUS CHINENSIS PFITZER ANA COMPACT (COMPACT PFITZER JUNIPER), 2' WIDTH, BALLED AND BURLAPPED	EACH	26		26
	X	D2013518	EVERGREEN, TAXUS X MEDIA EVERFLOW, 18" HEIGHT, BALLED AND BURLAPPED	EACH	32		32
	X	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	3.42		3.42
X	X	K1001969	GRAVEL MULCH	TON	97		97
X	X	K1001988	IRRIGATION SYSTEM SPECIAL	LSUM	1		1
X		Z0013798	CONSTRUCTION LAYOUT	LSUM	1		1
X		Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	161		161
X		Z0019600	DUST CONTROL WATERING	UNIT	10		10
X		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51	51	
X		Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	60		60
X	Δ	Z0076600	TRAINEES	HOUR	500	500	
X	Δ	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	
X	X	X0301115	LANDSCAPE EDGING	FOOT	798		798
X		X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	4,742	4,742	
X		X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1		1
X	X	X0323117	LANDSCAPING GRAVEL	SQ YD	487		487
X		X0323360	WOODEN POLE REMOVAL	EACH	4		4
X	X	X0323444	DECORATIVE STEEL RAILING	FOOT	1,516	1516	
X		X0324380	REMOVE AND REPLACE LID	EACH	1		1

Δ = 0042



USER NAME = 8291	DESIGNED - T.H.G.	REVISED -
PLOT SCALE = 1:00000 ' / in.	DRAWN - C.E.G.	REVISED -
PLOT DATE = 6/23/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 3
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES						BRIDGE	BIKE PATH
SPECIAL PROVISION	SPECIALTY ITEM	CODE NUMBER	PAY ITEM	UNIT	QUANTITY	80% CMAQ	80% CMAQ
						20% LOCAL	20% LOCAL
						0008	0028
X	X	X0326672	PEDESTRIAN BRIDGE LIGHTING SYSTEM	LSUM	1	1	
X		X0327036	BIKE PATH REMOVAL	SQ YD	1,855		1,855
X		X0350810	BOLLARD REMOVAL	EACH	5		5
X		X2010510	CLEARING AND GRUBBING	LSUM	1		1
X		X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	496		496
X		X5020200	STRUCTURE EXCAVATION (SPECIAL)	CU YD	3,319	3,319	
X	X	X5091765	PIPE HANDRAIL, SPECIAL	FOOT	162	162	
X		X6020399	CONNECTION TO EXISTING MANHOLE	EACH	1		1
X		X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	1,396		1,396
X	X	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	130		130
X		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
X		X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	10	10	
X	X	X8910050	ILLUMINATED SIGN, SPECIAL	EACH	2	2	
X	X	XX001249	ORNAMENTAL FENCE	FOOT	120		120
X		XX008957	EARTH EXCAVATION DISPOSAL	CU YD	3,815	3,815	
X		XX008958	EARTH EXCAVATION SOIL MANAGEMENT	LSUM	1	1	
X		XX009078	LIMESTONE SCREENING SURFACE, 4"	SQ YD	813		813
X		XX009187	DECORATIVE CONCRETE BAND	SQ FT	875		875
X		XX009188	UNIT MASONRY	LSUM	1	1	



USER NAME = 8291	DESIGNED - T.H.G.	REVISED -
PLOT SCALE = 1.0000" / 1in.	DRAWN - C.E.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	4
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

20100110 TREE REMOVAL (6 TO 15 UNITS IN DIAMETER)		
Station	Offset	Unit
10+37.0	13.6 RT	12 (2)
10+40.9	18.9 RT	6 (2)
10+54.2	23.4 RT	6
10+54.3	30.2 RT	6
10+57.8	18.2 RT	6
10+61.5	21.6 RT	6
10+63.5	29.0 RT	6
10+78.9	20.6 RT	6
10+85.2	24.1 RT	6
11+03.0	24.8 RT	6
11+14.3	29.7 RT	6
11+16.7	24.2 RT	6 (2)
11+17.1	29.9 RT	12
11+26.1	18.0 RT	6 (4)
11+93.8	36.5 RT	6 (3)
12+12.3	32.2 RT	6
12+78.0	5.4 RT	6
12+80.6	12.9 RT	6 (2)
13+45.7	16.4 RT	12
13+78.4	6.6 RT	6 (4)
13+81.6	12.6 RT	6
13+85.3	14.2 RT	6
13+92.1	8.5 RT	6 (3)
14+19.9	7.8 RT	6 (2)
14+56.1	24.4 RT	8
14+58.3	23.4 RT	6
14+59.4	23.1 RT	6
15+05.4	6.5 RT	8
15+08.2	6.2 RT	8
15+08.5	27.7 RT	9
15+12.4	11.2 RT	6
15+23.1	5.1 RT	6
15+26.4	33.4 RT	6
15+26.7	8.2 RT	6
15+29.8	33.0 RT	6
15+46.9	30.3 RT	6
15+47.7	13.2 RT	12
15+47.9	30.2 RT	6
15+48.6	29.3 RT	6
15+58.5	29.7 RT	6
15+61.9	26.4 RT	10
15+66.8	3.8 RT	8
15+70.6	7.8 RT	6
15+86.4	7.8 RT	10
15+87.0	15.3 RT	8
15+93.1	4.8 RT	8
15+94.4	10.1 RT	10
16+10.3	3.3 RT	6
16+11.8	11.8 RT	6
16+16.8	5.7 RT	6
16+86.3	14.0 RT	6
16+89.6	29.1 RT	10
16+95.3	14.2 RT	6
18+81.36	29.0 LT	10
18+82.21	26.6 LT	10
18+83.20	30.6 LT	10
18+83.75	25.9 LT	6
18+85.97	26.2 LT	7
18+86.07	28.7 LT	10
18+87.89	30.3 LT	9
18+88.64	27.3 LT	6
19+05.85	23.2 LT	6
19+06.29	26.3 LT	10
19+11.08	26.3 LT	10
19+15.97	26.4 LT	6
20+24.4	12.6 RT	10

20100110 TREE REMOVAL (6 TO 15 UNITS IN DIAMETER)		
Station	Offset	Unit
20+28.7	16.7 RT	8
20+37.6	10.1 RT	8
20+50.5	25.9 RT	12
20+61.6	15.6 RT	12
20+67.1	11.7 RT	7
20+73.5	12.7 RT	7
20+76.4	9.7 RT	7
20+78.9	13.6 RT	7
20+96.6	9.7 RT	7
21+02.2	18.4 RT	7
21+06.1	10.6 RT	7
21+11.5	17.4 RT	10
21+16.1	20.6 RT	10
21+28.3	20.1 LT	6
21+33.1	18.0 RT	9
21+43.3	10.6 RT	6
21+48.6	20.3 LT	6
21+48.7	11.1 RT	10
21+50.3	9.4 RT	8
21+55.5	20.18 LT	6
21+59.0	8.0 RT	6
21+60.1	14.0 RT	9
21+69.3	8.4 RT	10
21+77.1	16.8 RT	8
21+80.8	19.5 LT	6
21+83.4	10.5 RT	8
21+93.3	11.3 RT	10
21+94.0	27.8 RT	14
22+10.9	10.9 RT	8
22+14.5	17.7 RT	8
22+16.2	22.4 RT	8
22+24.6	15.0 RT	6
22+26.9	22.2 RT	6
22+28.7	21.9 RT	12 (2)
22+44.8	21.4 RT	6
23+61.7	16.8 RT	8
24.24+1	18.4 RT	6 (2)
24+01.7	30.3 RT	12
24+12.3	20.8 RT	6 (2)
24+24.0	18.5 RT	6 (2)
54+50.4	16.8 RT	10
	TOTAL	942

20101200 TREE ROOT PRUNING		
STATION	OFFSET	EACH
16+39.34	41.1 LT	1
19+41.00	35.1 LT	1
20+04.76	22.0 LT	1
20+36.59	22.9 LT	1
22+68.91	22.1 LT	1
22+92.25	21.4 LT	1
22+95.49	22.1 LT	1
23+04.16	22.2 LT	1
24+48.28	17.4 LT	1
24+52.60	20.7 LT	1
	TOTAL	10

72000100 SIGN PANEL - TYPE 1							
SIGN IDENTIFIER	ALIGNMENT	STA	OFFSET	LT/RT	SIZE	SQ.FT	
1 (R1-1)	MAINLINE	10+67.81	9.63	RT	24x24	4	
1 (R1-1)	MAINLINE	25+11.41	8.21	RT	24x24	4	
6	MAINLINE	10+31.13	12.71	RT	20x12	1.67	
7	MAINLINE	25+23.59	10.84	RT	20x12	1.67	
3 (D11-1)	N_LA	60+17.94	14.11	LT	24x18	3.00	
							TOTAL 14.33

72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A							
SIGN IDENTIFIER	ALIGNMENT	STA	OFFSET	LT/RT	EACH		
-	MAINLINE	16+94.14	1.6	RT	1		
2 (R5-3)	MAINLINE	17+37.01	9.94	RT	1		
1 (R1-1)	MAINLINE	17+22.48	24.98	RT	1		
3 (M4-6)	MAINLINE	17+22.48	24.98	RT	1		
3 (D11-1)	MAINLINE	17+22.48	24.98	RT	1		
4	MAINLINE	17+44.84	24.72	RT	1		
5	MAINLINE	17+44.84	24.72	RT	1		
-	MAINLINE	18+98.89	15.11	LT	1		
4	N_LA	60+03.57	4.38	LT	1		
8	N_LA	60+03.57	4.38	LT	1		
2 (R5-3)	N_LA	60+05.67	11.87	RT	1		
1 (R1-1)	N_LA	60+18.03	13.99	LT	1		
3 (M4-6)	N_LA	60+18.03	13.99	LT	1		
3 (D11-1)	N_LA	60+18.03	13.99	LT	1		
							TOTAL 14

72400310 REMOVE SIGN PANEL - TYPE 1							
SIGN IDENTIFIER	ALIGNMENT	STA	OFFSET	LT/RT	SIZE	SQ.FT	
-	MAINLINE	16+94.14	1.6	RT	27x18	3.38	
2 (R5-3)	MAINLINE	17+37.01	9.94	RT	24x24	4	
1 (R1-1)	MAINLINE	17+22.48	24.98	RT	24x24	4	
3 (M4-6)	MAINLINE	17+22.48	24.98	RT	12x6	0.5	
3 (D11-1)	MAINLINE	17+22.48	24.98	RT	24x18	3	
4	MAINLINE	17+44.84	24.72	RT	18x18	2.25	
5	MAINLINE	17+44.84	24.72	RT	20x12	1.67	
-	MAINLINE	18+98.89	15.11	LT	27x18	3.38	
4	N_LA	60+03.57	4.38	LT	18x18	2.25	
8	N_LA	60+03.57	4.38	LT	20x12	1.67	
2 (R5-3)	N_LA	60+05.67	11.87	RT	24x24	4	
1 (R1-1)	N_LA	60+18.03	13.99	LT	24x24	4	
3 (M4-6)	N_LA	60+18.03	13.99	LT	12x6	0.5	
3 (D11-1)	N_LA	60+18.03	13.99	LT	24x18	3	
							TOTAL 38

20101300 TREE PRUNING (1 TO 10 INCH DIAMETER)		
STATION	OFFSET	EACH
16+39.34	41.1 LT	1
19+41.00	35.1 LT	1
20+04.76	22.0 LT	1
20+36.59	22.9 LT	1
22+68.91	22.1 LT	1
22+92.25	21.4 LT	1
22+95.49	22.1 LT	1
23+04.16	22.2 LT	1
24+48.28	17.4 LT	1
24+52.60	20.7 LT	1
	TOTAL	10

72400710 RELOCATE SIGN PANEL - TYPE 1							
SIGN IDENTIFIER	ALIGNMENT	STA	OFFSET	LT/RT	SIZE	SQ.FT	
2 (R5-3)	S_LA	47+30.97	10.63	LT	24x24	4	
1 (R1-1)	S_LA	47+30.91	10.38	RT	24x24	4	
3 (M4-6)	S_LA	47+30.91	10.38	RT	12x6	0.5	
3 (D11-1)	S_LA	47+30.91	10.38	RT	24x18	3	
4	S_LA	47+48.51	1.59	LT	18x18	2.25	
5	S_LA	47+48.51	1.59	LT	20x12	1.67	
4	N_LA	60+03.40	4.5	LT	18x18	2.25	
8	N_LA	60+03.40	4.5	LT	20x12	1.67	
2 (R5-3)	N_LA	60+05.63	11.72	RT	24x24	4	
1 (R1-1)	N_LA	60+17.94	14.11	LT	24x24	4	
3 (M4-6)	N_LA	60+17.94	14.11	LT	12x6	0.5	
							TOTAL 28

72900200 METAL POST - TYPE B							
SIGN IDENTIFIER	ALIGNMENT	STA	OFFSET	LT/RT	FEET		
1 (R1-1)	MAINLINE	10+67.81	9.63	RT	10		
1 (R1-1)	MAINLINE	25+11.41	8.21	RT	10		
6	MAINLINE	10+31.13	12.71	RT	10		
7	MAINLINE	25+23.59	10.84	RT	10		
2 (R5-3)	S_LA	47+30.97	10.63	LT	10		
R1-1, M4-6, D11-1	S_LA	47+30.91	1	RT	13		
4, 5	S_LA	47+48.51	1.59	LT	12		
4, 8	N_LA	60+03.40	4.50	LT	12		
R1-1, M4-6, D11-1	N_LA	60+17.94	14.11	LT	13		
2 (R5-3)	N_LA	60+05.63	11.72	RT	10		
							TOTAL 110

STAGE 1 (CU YD)	CUT		FILL	
	A	B	A	B
SOUTH LOCAL ACCESS PATH		225		410
NORTH LOCAL ACCESS PATH		220		34
TOTAL		445		444

STAGE 2 (CU YD)	CUT		FILL		AGGREGATE SUBGRADE IMPROVEMENT	STRUCTURE EXCAVATION	STRUCTURE FILL
	A	B	A	B			
PATH SOUTH OF TOUHY AVE		11		166			
PATH NORTH OF TOUHY AVE		40		178			
SOUTH MSE WALL					571	1456	142
NORTH MSE WALL					573	1244	123
ABUTMENTS					41	382	192
PIERS					66	240	124
TOTAL		51		344	1251	3322	581

PAY ITEM	ITEM NAME	QUANTITY	UNIT	DESCRIPTION
20400800	FURNISHED EXCAVATION	1369	CU YD	COLUMN B (STAGE 1 AND 2) + E
30300001	AGGREGATE SUBGRADE IMPROVEMENT	1251	CU YD	COLUMN C (STAGE 2)
X2020410	EARTH EXCAVATION (SPECIAL)	496	CU YD	COLUMN A (STAGE 1 AND 2)
X5020200	STRUCTURE EXCAVATION (SPECIAL)	3322	CU YD	COLUMN D (STAGE 2)
XX008957	EARTH EXCAVATION DISPOSAL	3818	CU YD	COLUMN A (STAGE 1 AND 2) + D (STAGE 2)



USER NAME = 8291
 PLOT SCALE = 1:8000 / 1" = 80'
 PLOT DATE = 5/26/2017

DESIGNED - C.E.G.
 DRAWN - C.E.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

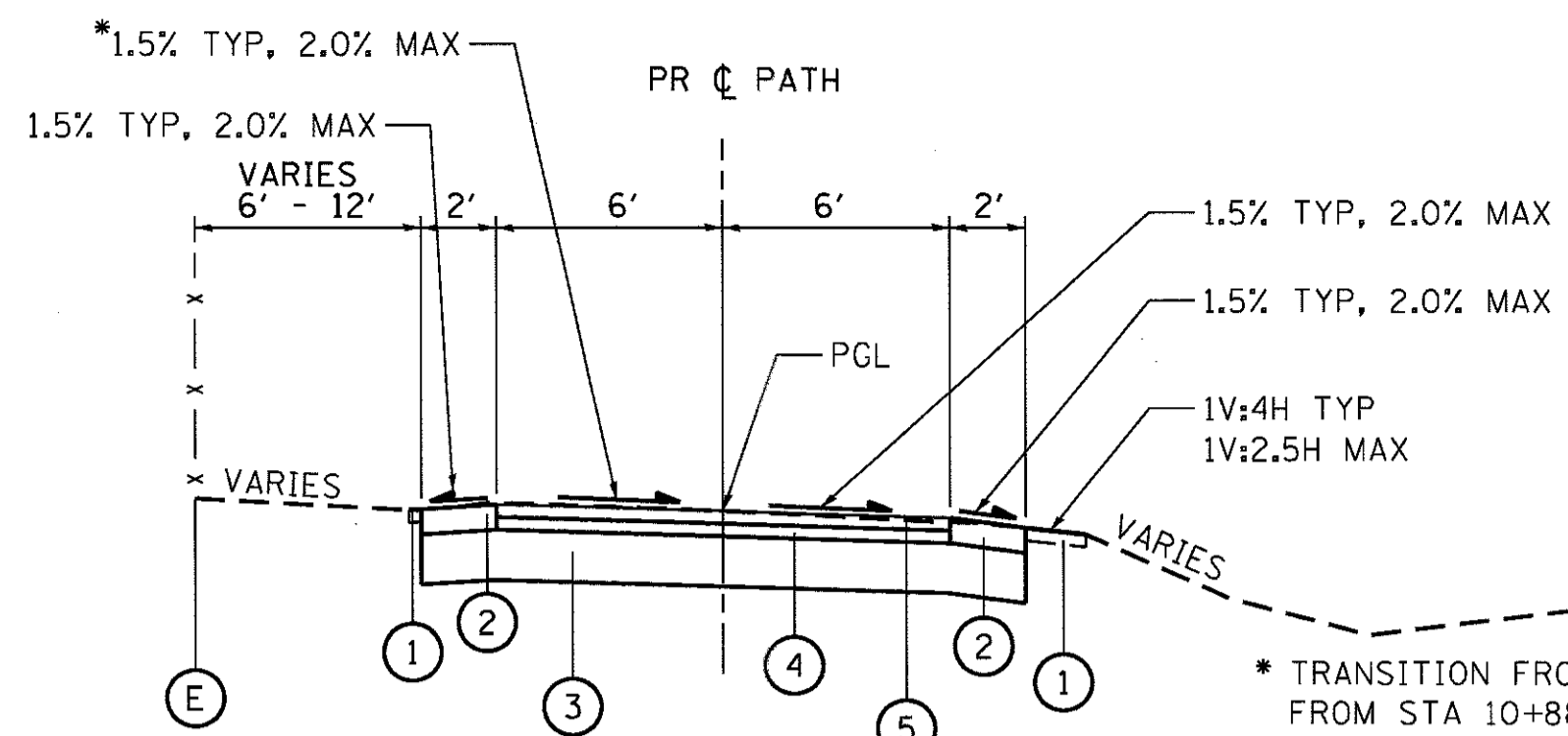
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 SCHEDULE OF QUANTITIES

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

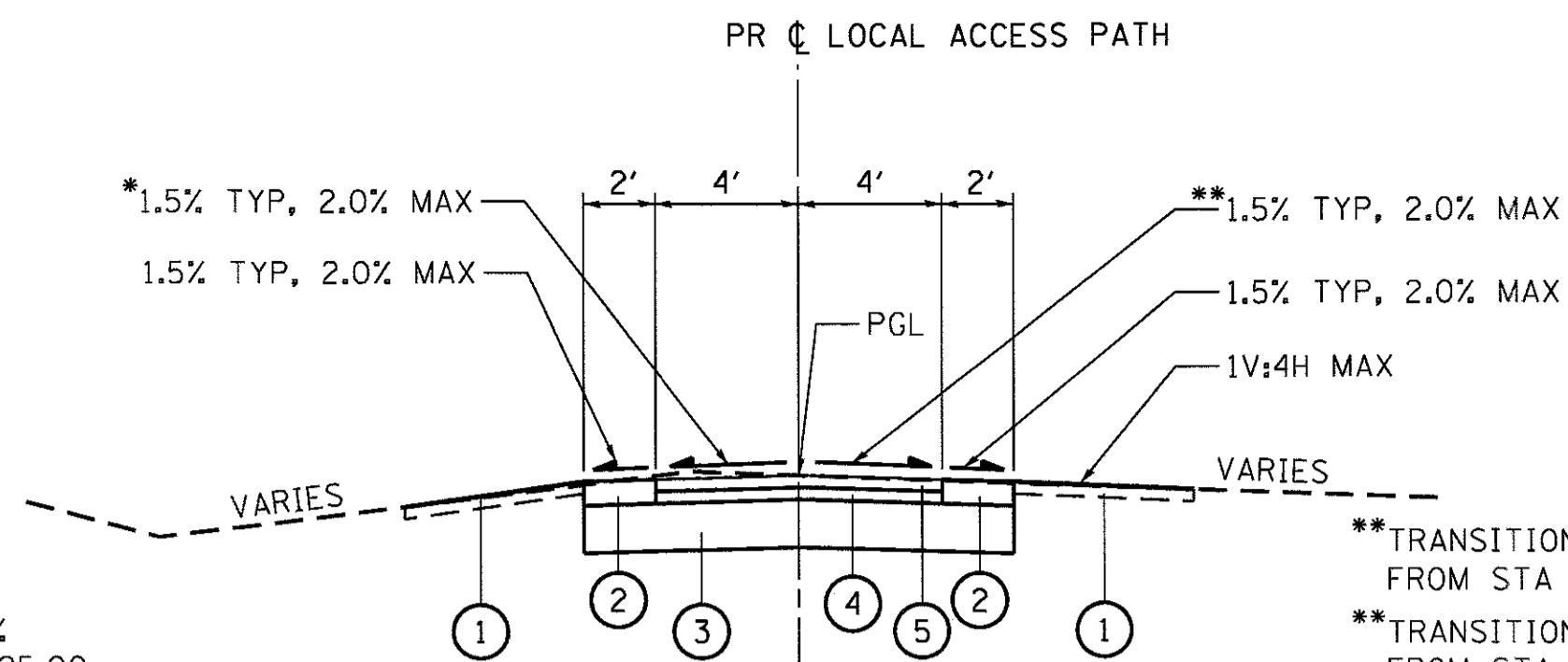
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	5
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

STA 10+88.40 TO STA 12+52.70, LINCOLNWOOD VALLEY LINE TRAIL
 STA 22+96.10 TO STA 25+62.20, LINCOLNWOOD VALLEY LINE TRAIL

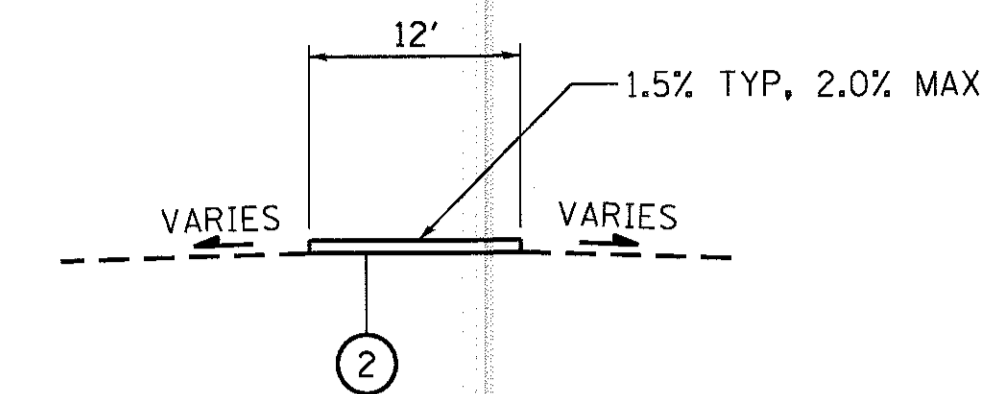
* TRANSITION FROM 2.0% TO -1.5%
 FROM STA 10+88.14 TO STA 12+25.00
 * TRANSITION FROM -1.5% TO 1.5%
 FROM STA 23+50.00 TO STA 23+95.00



PROPOSED TYPICAL SECTION

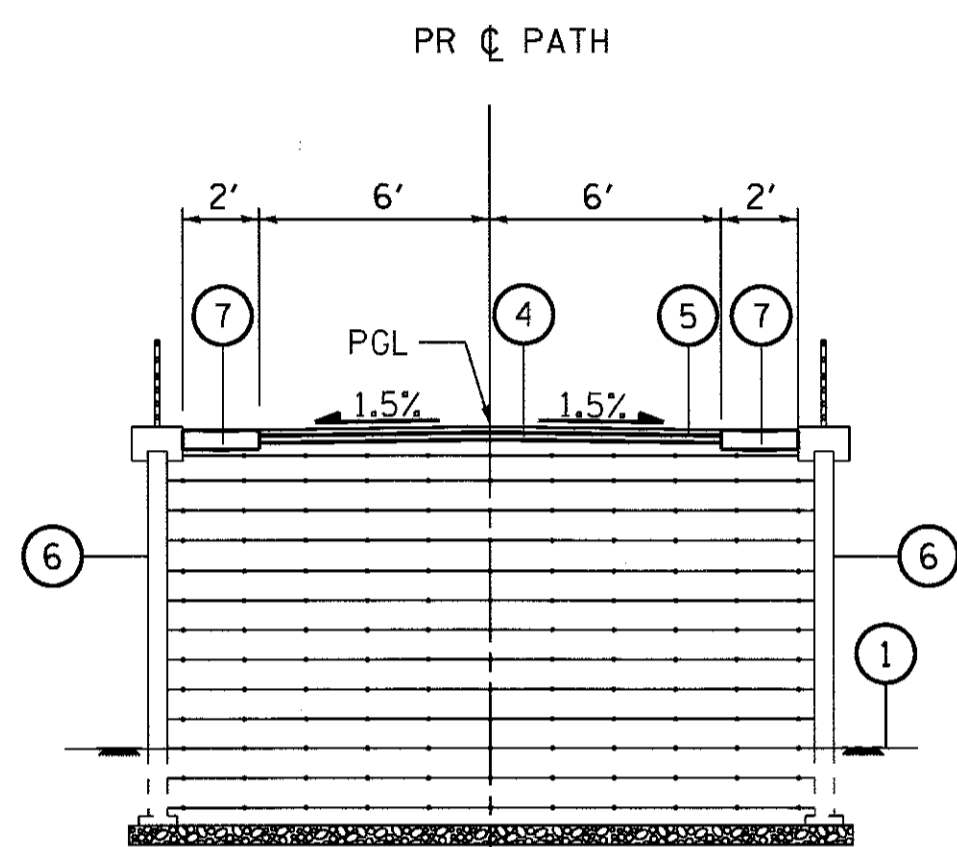
STA 40+06.00 TO STA 47+37.65, S LOCAL ACCESS PATH
 STA 60+69.47 TO STA 68+16.35, N LOCAL ACCESS PATH

** TRANSITION FROM 1.5% TO -1.5%
 FROM STA 40+70.00 TO STA 41+15.00
 ** TRANSITION FROM -1.5% SLOPE TO 1.5%
 FROM STA 45+75.00 TO STA 46+20.00
 * TRANSITION FROM -0.5% TO -1.5%
 FROM STA 60+69.53 TO STA 62+00.98
 * TRANSITION FROM -1.5% TO 1.5%
 FROM STA 62+00.98 TO STA 62+45.98



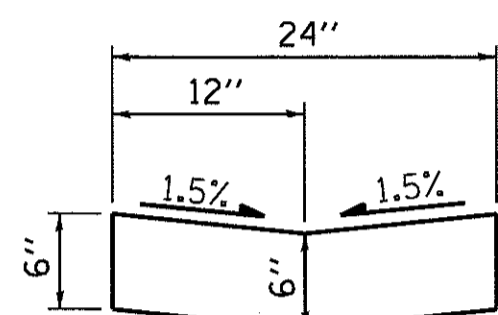
PROPOSED TYPICAL SECTION

STA 18+25.00 TO STA 19+14.00, TEMPORARY PATH



PROPOSED TYPICAL SECTION

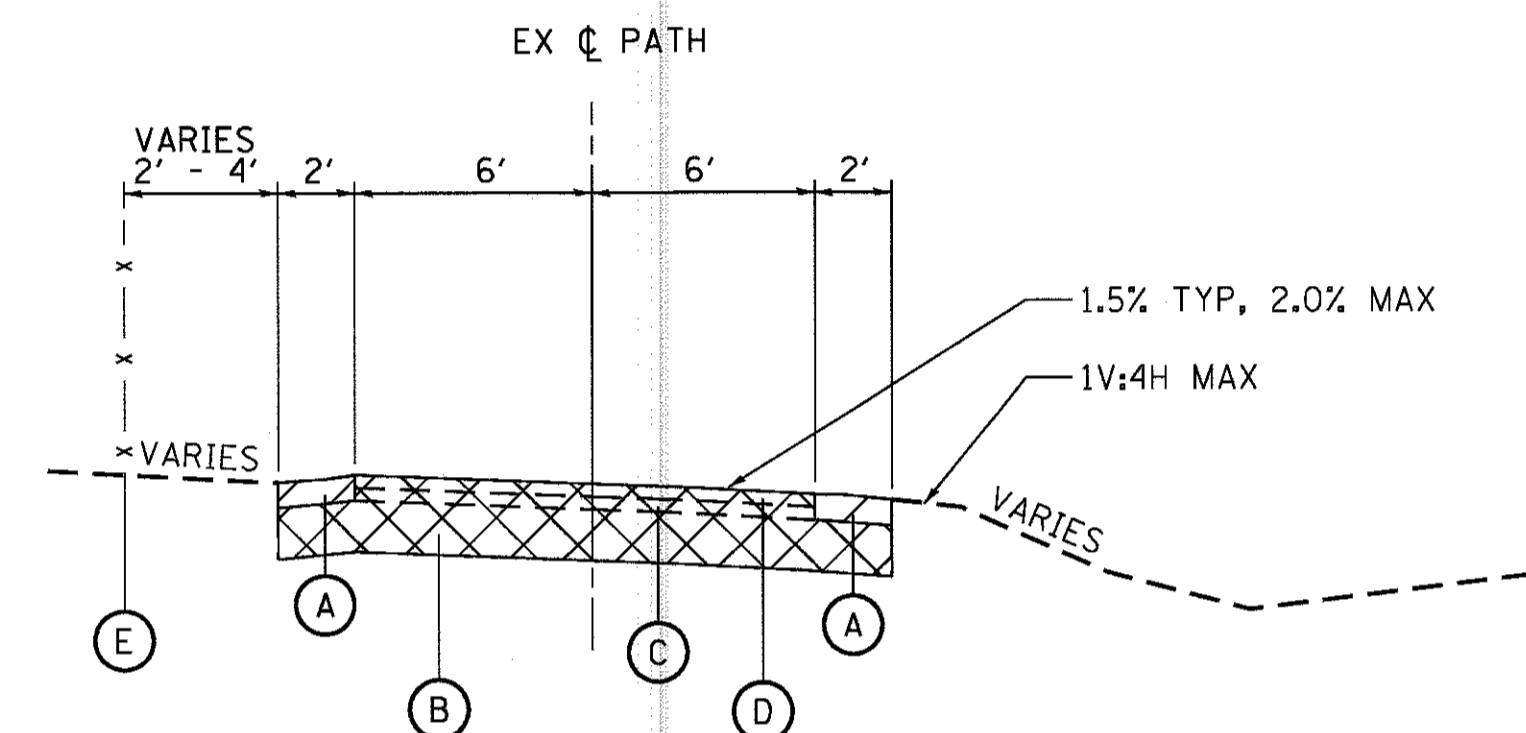
STA 12+52.70 TO STA 16+16.57, LINCOLNWOOD VALLEY LINE TRAIL
 STA 19+49.07 TO STA 22+71.14, LINCOLNWOOD VALLEY LINE TRAIL
 BRIDGE OMISSION: REFER TO STRUCTURAL SHEETS FOR TYPICAL
 SECTIONS FROM STA 16+36.57 TO STA 19+29.07



**DETAIL
 CONCRETE GUTTER,
 TYPE B (SPECIAL)**

PROPOSED LEGEND

- ① TOPSOIL, FURNISH AND PLACE, 4" AND SEEDING, CLASS 1A
- ② LIMESTONE SCREENING SURFACE, 4"
- ③ AGGREGATE BASE COURSE, TYPE B 8"
- ④ HOT-MIX ASPHALT BINDER COURSE, 2-1/4"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, 1-3/4"
- ⑥ MSE RETAINING WALL (SEE STRUCTURAL PLANS FOR DETAILS)
- ⑦ CONCRETE GUTTER, TYPE B (SPECIAL)



EXISTING TYPICAL SECTION

STA 10+41.06 TO STA 17+36.66, LINCOLNWOOD VALLEY LINE TRAIL
 STA 17+84.08 TO STA 25+12.60, LINCOLNWOOD VALLEY LINE TRAIL

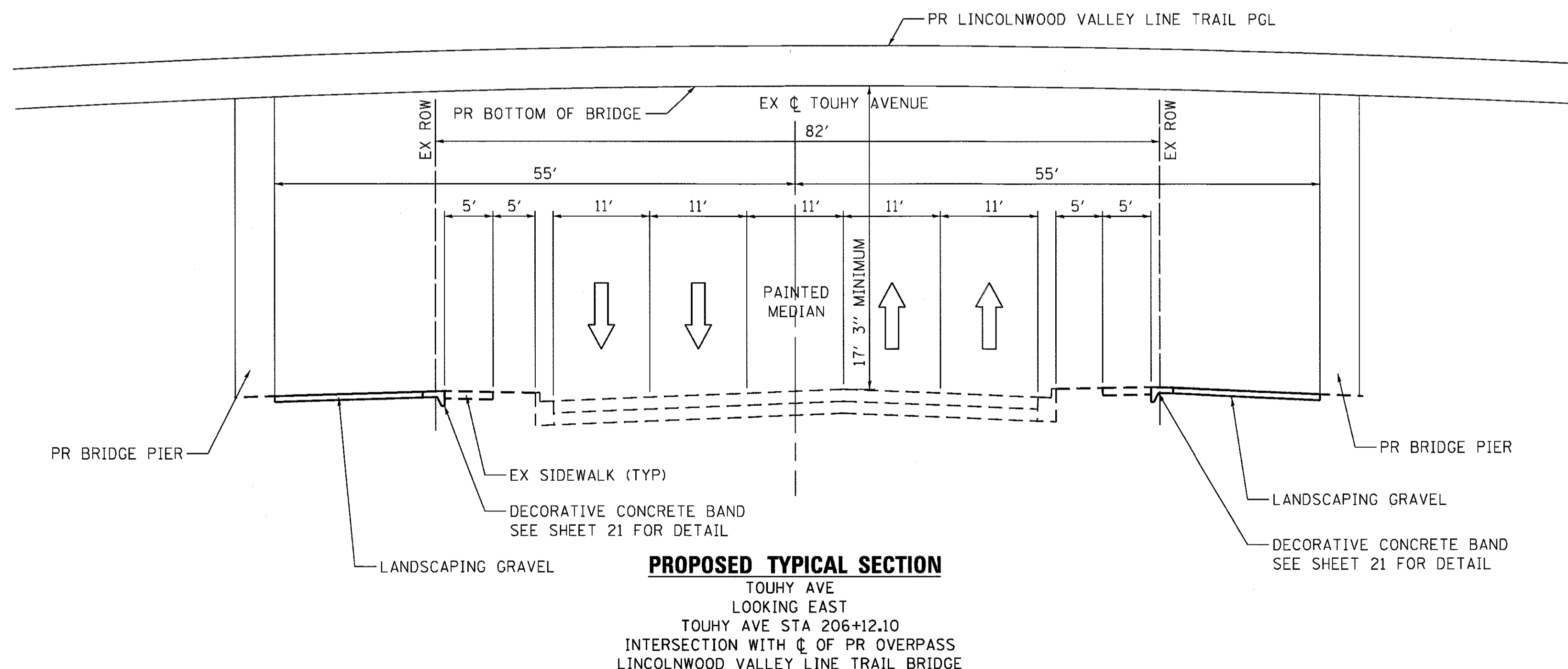
EXISTING LEGEND

- Ⓐ LIMESTONE SCREENING SURFACE, 4" & VARIES
- Ⓑ AGGREGATE BASE COURSE, TYPE B 8" (CA-6) & VARIES
- Ⓒ HOT-MIX ASPHALT BINDER COURSE, 2-1/4" & VARIES
- Ⓓ HOT-MIX ASPHALT SURFACE COURSE, 1-3/4" & VARIES
- Ⓔ WOODEN FENCE, TO REMAIN

- BIKE PATH REMOVAL (SEE SHT 8 FOR LIMITS)
- LIMESTONE SHOULDER REMOVAL (SEE SHT 8 FOR LIMITS)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50, 1-3/4"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50, 2-1/4"	4% @ 50 GYR
PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR
HMA BINDER COURSE, IL 19.0, N 50 - VARIES 2"-13"	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS / SQ YD / IN.
 THE "AC TYPE SHALL BE PG 64-22 UNLESS MODIFIED BY DISTRICT ONE PROVISIONS.
 FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



PROPOSED TYPICAL SECTION

TOUHY AVE
 LOOKING EAST
 TOUHY AVE STA 206+12.10
 INTERSECTION WITH CL OF PR OVERPASS
 LINCOLNWOOD VALLEY LINE TRAIL BRIDGE



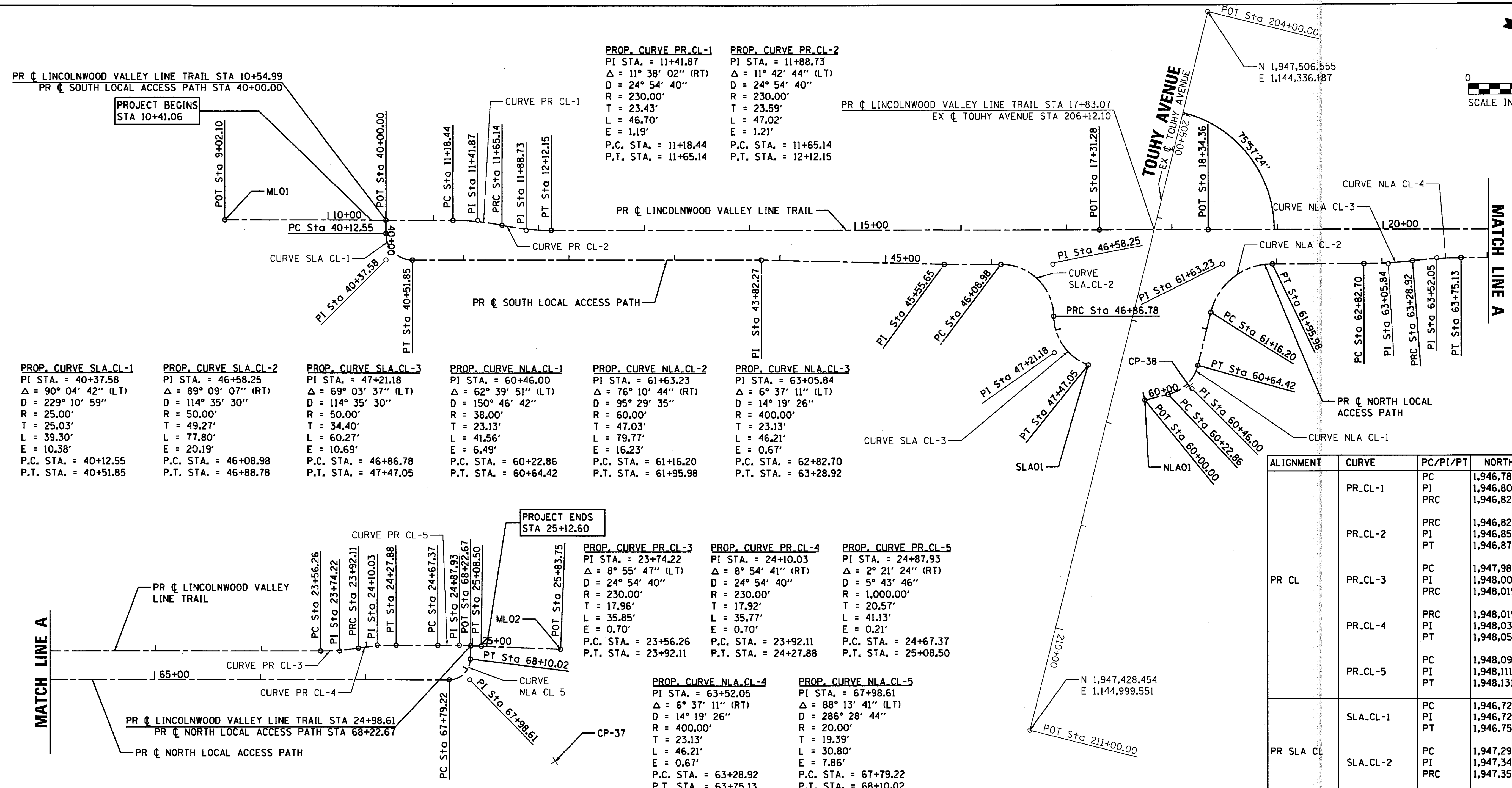
USER NAME = 8291	DESIGNED - C.E.G.	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - C.E.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 TYPICAL SECTIONS

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

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 6
CONTRACT NO. 61D97				ILLINOIS FED. AID PROJECT



PROP. CURVE SLA.CL-1 PI STA. = 40+37.58 Δ = 90° 04' 42" (LT) D = 229° 10' 59" R = 25.00' T = 25.03' L = 39.30' E = 10.38' P.C. STA. = 40+12.55 P.T. STA. = 40+51.85	PROP. CURVE SLA.CL-2 PI STA. = 46+58.25 Δ = 89° 09' 07" (RT) D = 114° 35' 30" R = 50.00' T = 49.27' L = 77.80' E = 20.19' P.C. STA. = 46+08.98 P.T. STA. = 46+88.78	PROP. CURVE SLA.CL-3 PI STA. = 47+21.18 Δ = 69° 03' 37" (LT) D = 114° 35' 30" R = 50.00' T = 34.40' L = 60.27' E = 10.69' P.C. STA. = 46+86.78 P.T. STA. = 47+47.05	PROP. CURVE NLA.CL-1 PI STA. = 60+46.00 Δ = 62° 39' 51" (LT) D = 150° 46' 42" R = 38.00' T = 23.13' L = 41.56' E = 6.49' P.C. STA. = 60+22.86 P.T. STA. = 60+64.42	PROP. CURVE NLA.CL-2 PI STA. = 61+63.23 Δ = 76° 10' 44" (RT) D = 95° 29' 35" R = 60.00' T = 47.03' L = 79.77' E = 16.23' P.C. STA. = 61+16.20 P.T. STA. = 61+95.98	PROP. CURVE NLA.CL-3 PI STA. = 63+05.84 Δ = 6° 37' 11" (LT) D = 14° 19' 26" R = 400.00' T = 23.13' L = 46.21' E = 0.67' P.C. STA. = 62+82.70 P.T. STA. = 63+28.92
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PROP. CURVE PR.CL-1 PI STA. = 11+41.87 Δ = 11° 38' 02" (RT) D = 24° 54' 40" R = 230.00' T = 23.43' L = 46.70' E = 1.19' P.C. STA. = 11+18.44 P.T. STA. = 11+65.14	PROP. CURVE PR.CL-2 PI STA. = 11+88.73 Δ = 11° 42' 44" (LT) D = 24° 54' 40" R = 230.00' T = 23.59' L = 47.02' E = 1.21' P.C. STA. = 11+65.14 P.T. STA. = 12+12.15	PROP. CURVE PR.CL-3 PI STA. = 23+74.22 Δ = 8° 55' 47" (LT) D = 24° 54' 40" R = 230.00' T = 17.96' L = 35.85' E = 0.70' P.C. STA. = 23+56.26 P.T. STA. = 23+92.11	PROP. CURVE PR.CL-4 PI STA. = 24+10.03 Δ = 8° 54' 41" (RT) D = 24° 54' 40" R = 230.00' T = 17.92' L = 35.77' E = 0.70' P.C. STA. = 23+92.11 P.T. STA. = 24+27.88	PROP. CURVE PR.CL-5 PI STA. = 24+87.93 Δ = 2° 21' 24" (RT) D = 5° 43' 46" R = 1,000.00' T = 20.57' L = 41.13' E = 0.21' P.C. STA. = 24+67.37 P.T. STA. = 25+08.50	PROP. CURVE NLA.CL-4 PI STA. = 63+52.05 Δ = 6° 37' 11" (RT) D = 14° 19' 26" R = 400.00' T = 23.13' L = 46.21' E = 0.67' P.C. STA. = 63+28.92 P.T. STA. = 63+75.13	PROP. CURVE NLA.CL-5 PI STA. = 67+98.61 Δ = 88° 13' 41" (LT) D = 286° 28' 44" R = 20.00' T = 19.39' L = 30.80' E = 7.86' P.C. STA. = 67+79.22 P.T. STA. = 68+10.02
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ALIGNMENT	CURVE	PC/PI/PT	NORTHING	EASTING
PR CL	PR.CL-1	PC	1,946,782.483	1,144,662.547
		PI	1,946,805.229	1,144,656.925
		PRC	1,946,828.642	1,144,656.006
	PR.CL-2	PRC	1,946,828.642	1,144,656.006
		PI	1,946,852.214	1,144,655.081
		PT	1,946,875.107	1,144,649.389
	PR.CL-3	PC	1,947,985.425	1,144,373.367
		PI	1,948,002.854	1,144,369.034
		PRC	1,948,019.399	1,144,362.049
	PR.CL-4	PRC	1,948,019.399	1,144,362.049
		PI	1,948,035.910	1,144,355.078
		PT	1,948,053.301	1,144,350.748
	PR.CL-5	PC	1,948,091.614	1,144,341.211
		PI	1,948,111.574	1,144,336.242
		PT	1,948,131.721	1,144,332.098
PR SLA CL	SLA.CL-1	PC	1,946,723.898	1,144,689.950
		PI	1,946,729.904	1,144,714.253
		PT	1,946,754.199	1,144,708.213
	SLA.CL-2	PC	1,947,295.865	1,144,578.021
		PI	1,947,343.676	1,144,566.136
		PRC	1,947,356.267	1,144,613.765
	SLA.CL-3	PRC	1,947,356.267	1,144,613.765
		PI	1,947,365.061	1,144,647.025
		PT	1,947,399.266	1,144,650.699
PR NLA CL	NLA.CL-1	PC	1,947,479.595	1,144,659.932
		PI	1,947,500.120	1,144,649.259
		PT	1,947,500.063	1,144,626.125
	NLA.CL-2	PC	1,947,499.937	1,144,574.346
		PI	1,947,499.823	1,144,527.318
		PT	1,947,545.462	1,144,515.972
	NLA.CL-3	PC	1,947,629.627	1,144,495.049
		PI	1,947,652.076	1,144,489.468
		PT	1,947,673.732	1,144,481.337
	NLA.CL-4	PC	1,947,673.732	1,144,481.337
		PI	1,947,695.388	1,144,473.205
		PT	1,947,717.838	1,144,467.625
	NLA.CL-5	PC	1,948,109.994	1,144,370.135
		PI	1,948,128.812	1,144,365.457
		PT	1,948,124.718	1,144,346.504

SURVEY CONTROL POINT INFORMATION				
POINT#	NORTH	EAST	ELEVATION	DESCRIPTION
CP-37	1,948,226.136	1,144,421.159	611.10	MAG NAIL IN PARKING LOT NORTH OF PROJECT
CP-38	1,947,496.763	1,144,647.263	611.10	IRON ROD IN THE GROUND
SK 380	1,947,471.793	1,142,411.732	620.60	1" BRASS DISK IN SIDEWALK LOCATED ON THE W. END OF THE N. SIDE OF THE BRIDGE OVER EDENS EXPWY. AT TOUHY AVE.
BM 60	1,948,372.205	1,144,757.023	610.97	SOUTHEAST CORNER OF CONCRETE BASE OF LIGHT POLE IN MEDIAN OF LINCOLN AT NORTH PROPERTY LINE OF #7366
BM 61	1,948,085.355	1,145,045.572	611.13	SOUTHWEST CORNER OF CONCRETE BASE OF LIGHT POLE IN MEDIAN OF LINCOLN AT NORTH LINE OF CHASE
ML01	1,946,572.465	1,144,714.452	-----	START OF CL LINCOLNWOOD VALLEY LINE TRAIL POT STA 9+02.10
ML02	1,948,205.429	1,144,316.939	-----	END OF CL LINCOLNWOOD VALLEY LINE TRAIL POT STA 25+83.75
SLA01	1,947,399.266	1,144,650.699	-----	END OF CL SOUTH LOCAL ACCESS PATH PT STA 47+47.05
NLA01	1,947,459.312	1,144,670.479	-----	START OF CL NORTH LOCAL ACCESS PATH POT STA 60+00.00





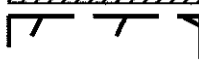
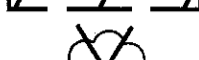


USER NAME = 8291	DESIGNED - T.H.G.	REVISED -
PLLOT SCALE = 50.0000' / 1"	DRAWN - C.E.G.	REVISED -
PLLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS ALIGNMENT, TIES, AND BENCHMARKS			
SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 7
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	

LEGEND

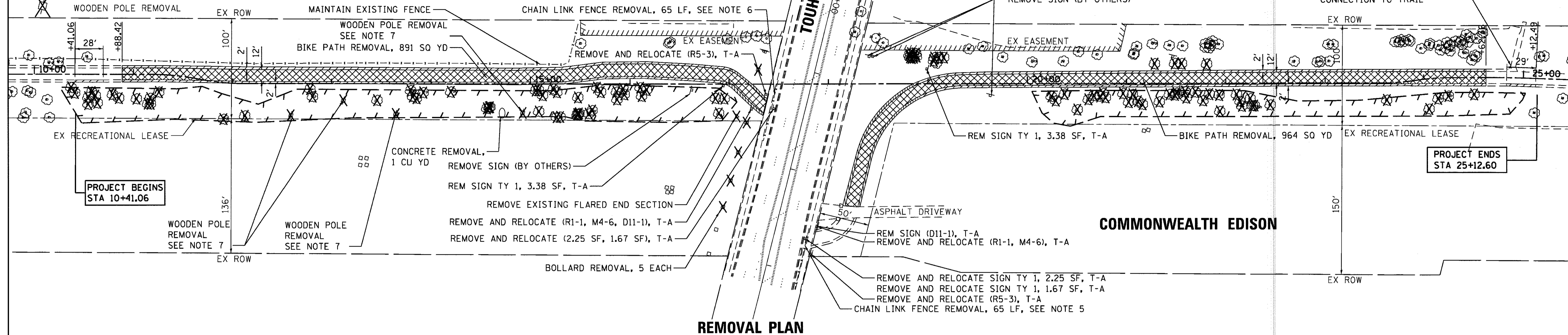
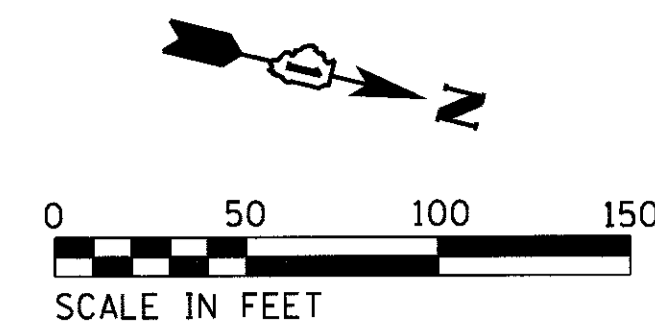
-  BIKE PATH REMOVAL
-  LIMESTONE SHOULDER REMOVAL (SEE NOTE 1)
-  CLEARING AND GRUBBING
-  TREE REMOVAL
-  BOLLARD REMOVAL
-  WOODEN POLE REMOVAL

NOTES:

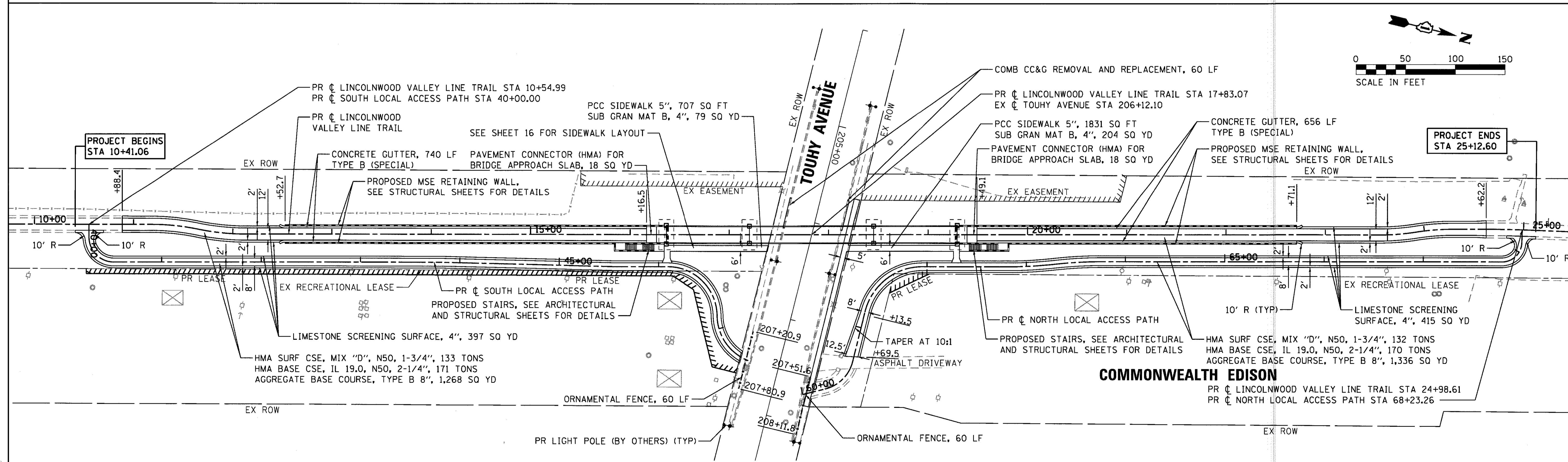
1. LIMESTONE SHOULDER REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF BIKE PATH REMOVAL.
2. SEE PAVEMENT MARKING AND SIGNING PLAN FOR RELOCATION OF EXISTING SIGNS TO BE RE-USED.
3. SEE TREE REMOVAL SCHEDULE FOR TREE LOCATIONS AND SIZES.
4. SEE UTILITY RELOCATION PLAN FOR LOCATION OF EXISTING UTILITIES.
5. CHAIN LINK FENCE ALONG NORTH SIDE OF TOUHY AVENUE SHALL NOT BE REMOVED UNTIL END OF PROJECT. PROPOSED ORNAMENTAL FENCE SHALL BE INSTALLED WITHIN 5 CALENDAR DAYS OF CHAIN LINK FENCE REMOVAL.

NOTES:

6. CHAIN LINK FENCE SHALL BE REMOVED DURING STAGE 2 CONSTRUCTION UPON CLOSURE OF THE EXISTING PATH.
7. UTILITY POLES LOCATED WITHIN THE DITCH SOUTH OF TOUHY AVE ARE ABANDONED AND TO BE REMOVED AS PART OF THIS CONTRACT.



REMOVAL PLAN



IMPROVEMENT PLAN



USER NAME = 8291	DESIGNED - T.H.G.	REVISED -
PLOT SCALE = 50.0000' / 1" =	DRAWN - C.E.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

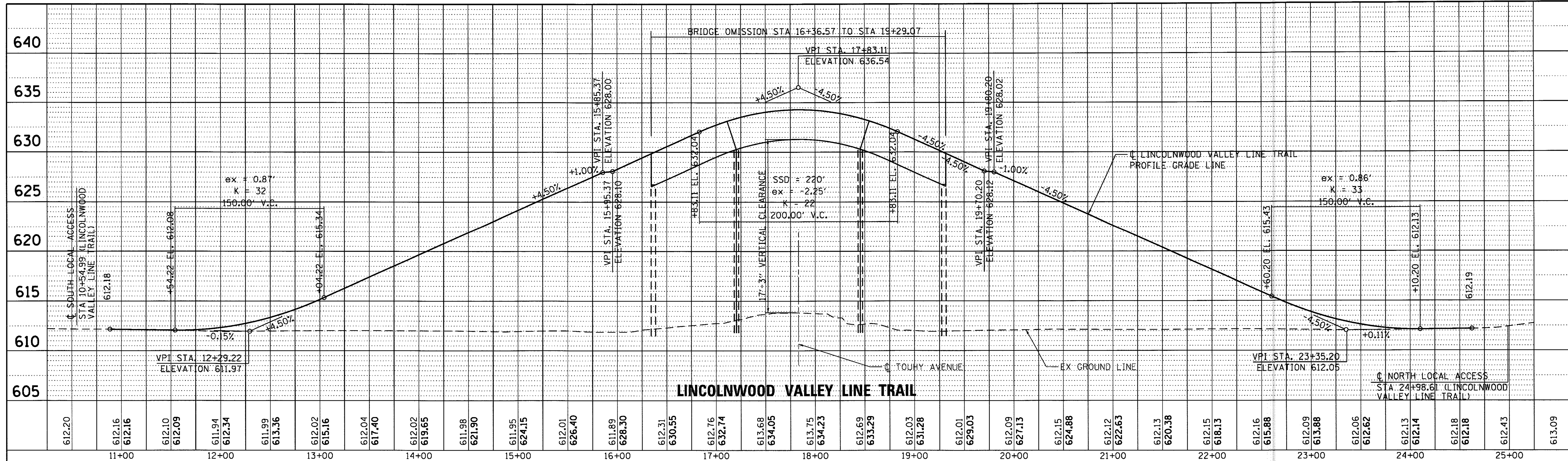
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
REMOVAL AND IMPROVEMENT PLAN

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

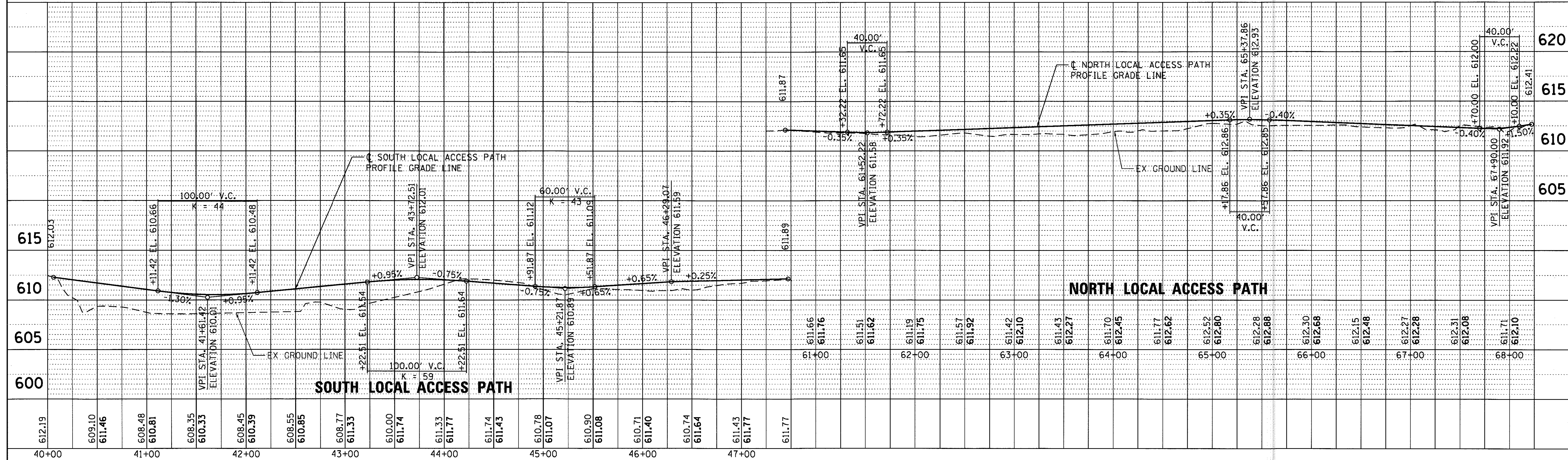
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	8
CONTRACT NO. 61D97				

ILLINOIS FED. AID PROJECT

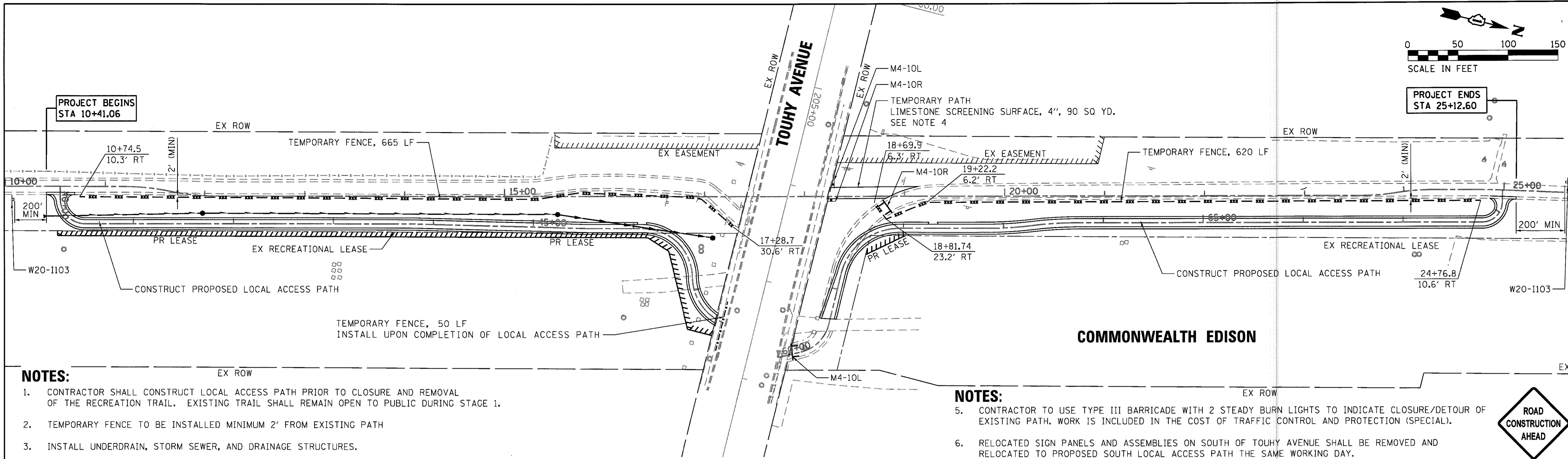
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	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	STRUCTURE NOTATION'S CIRCD	



	USER NAME = 8291	DESIGNED - T.H.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINCOLNWOOD VALLEY LINE TRAIL OVERPASS EXISTING AND PROPOSED PROFILE	F.A.U. R.T.E. = 1340	SECTION = 12-00059-00-BR	COUNTY = COOK	TOTAL SHEETS = 93	SHEET NO. = 9
	PLOT SCALE = 50.0000' / 1"	CHECKED - D.L.D.	REVISED -			SCALE: 1"=50'	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 61D97	
	PLOT DATE = 5/26/2017	DATE = 05-08-17	REVISED -							



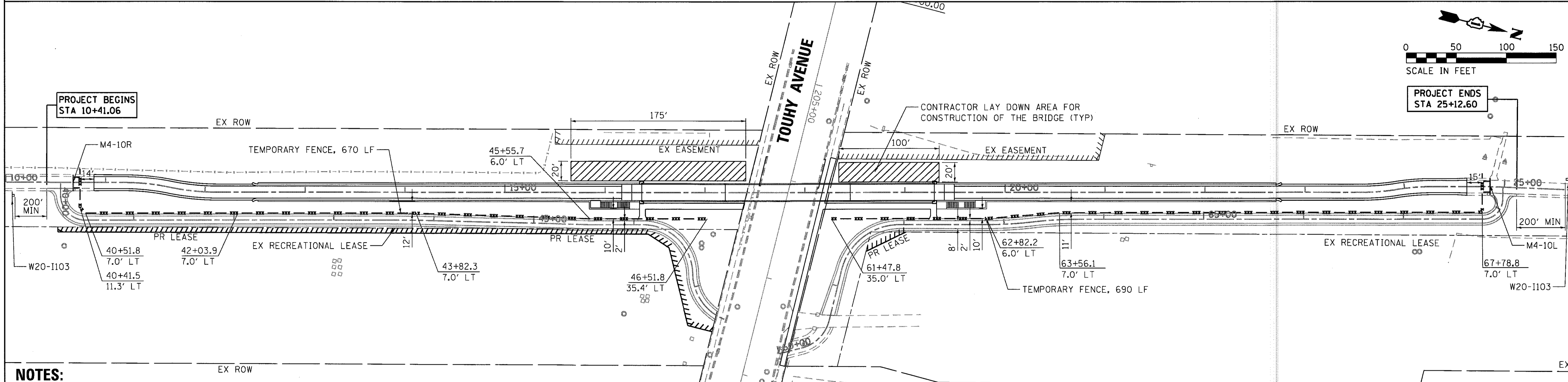
NOTES:

1. CONTRACTOR SHALL CONSTRUCT LOCAL ACCESS PATH PRIOR TO CLOSURE AND REMOVAL OF THE RECREATION TRAIL. EXISTING TRAIL SHALL REMAIN OPEN TO PUBLIC DURING STAGE 1.
2. TEMPORARY FENCE TO BE INSTALLED MINIMUM 2' FROM EXISTING PATH
3. INSTALL UNDERDRAIN, STORM SEWER, AND DRAINAGE STRUCTURES.
4. SEE TYPICAL SECTIONS FOR TEMPORARY PATH DETAILS. TEMPORARY PATH TO BE INSTALLED PRIOR TO REMOVAL OF EXISING MAINLINE PATH. COST OF TEMPORARY PATH INSTALLATION AND REMOVAL TO BE INCLUDED IN COST OF LIMESTONE SCREENING SURFACE, 4".

NOTES:

5. CONTRACTOR TO USE TYPE III BARRICADE WITH 2 STEADY BURN LIGHTS TO INDICATE CLOSURE/DETOUR OF EXISTING PATH. WORK IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
6. RELOCATED SIGN PANELS AND ASSEMBLIES ON SOUTH OF TOUHY AVENUE SHALL BE REMOVED AND RELOCATED TO PROPOSED SOUTH LOCAL ACCESS PATH THE SAME WORKING DAY.
7. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED
8. SIDEWALK CLOSURE SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701801.

STAGE 1: CONSTRUCT LOCAL ACCESS PATH



NOTES:

1. CONSTRUCT MSE RETAINING WALL AND INSTALL PREFABRICATED BRIDGE.
2. TEMPORARY FENCE TO BE INSTALLED MINIMUM 10' FROM FACE OF THE PROPOSED WALL.
3. INSTALL PCC SIDEWALK AND REMOVE AND REPLACE ANY DAMAGED COMBINATION CONC CURB AND GUTTER ALONG TOUHY AVENUE AS DIRECTED BY THE ENGINEER.
4. CONTRACTOR TO USE LAY DOWN AREA FOR FIELD SPLICING AND ASSEMBLY OF THE PREFABRICATED BRIDGE.
5. LOCAL ACCESS PATH SHALL REMAIN OPEN TO THE PUBLIC DURING STAGE 2 CONSTRUCTION.

NOTES:

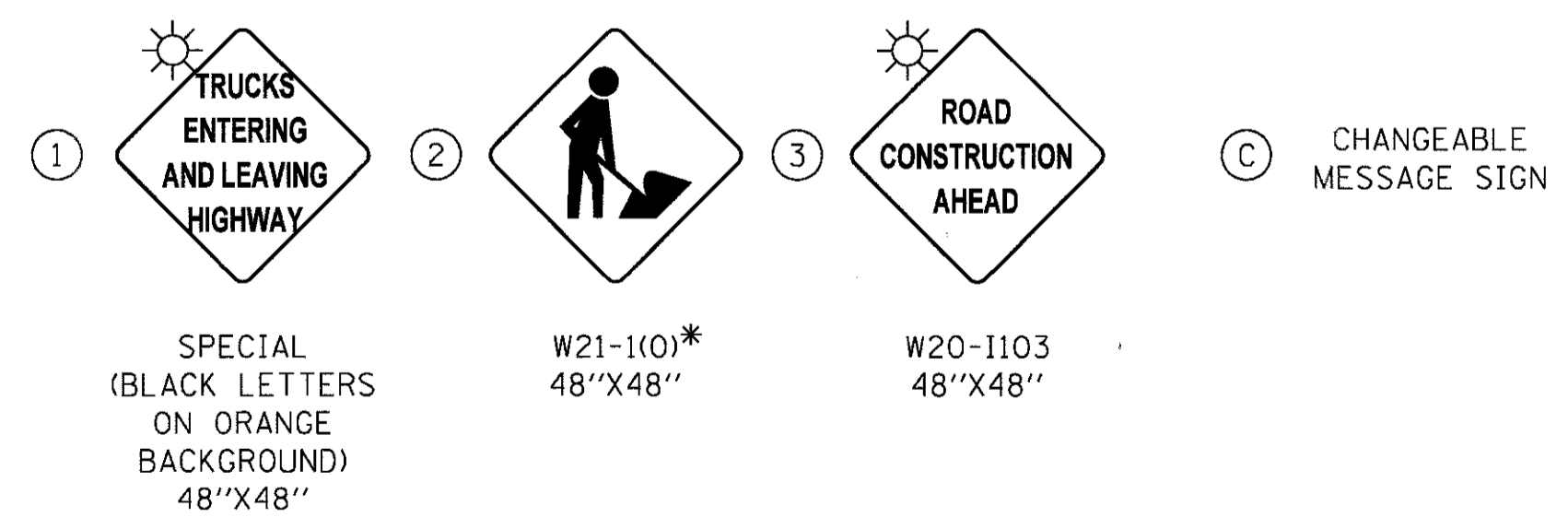
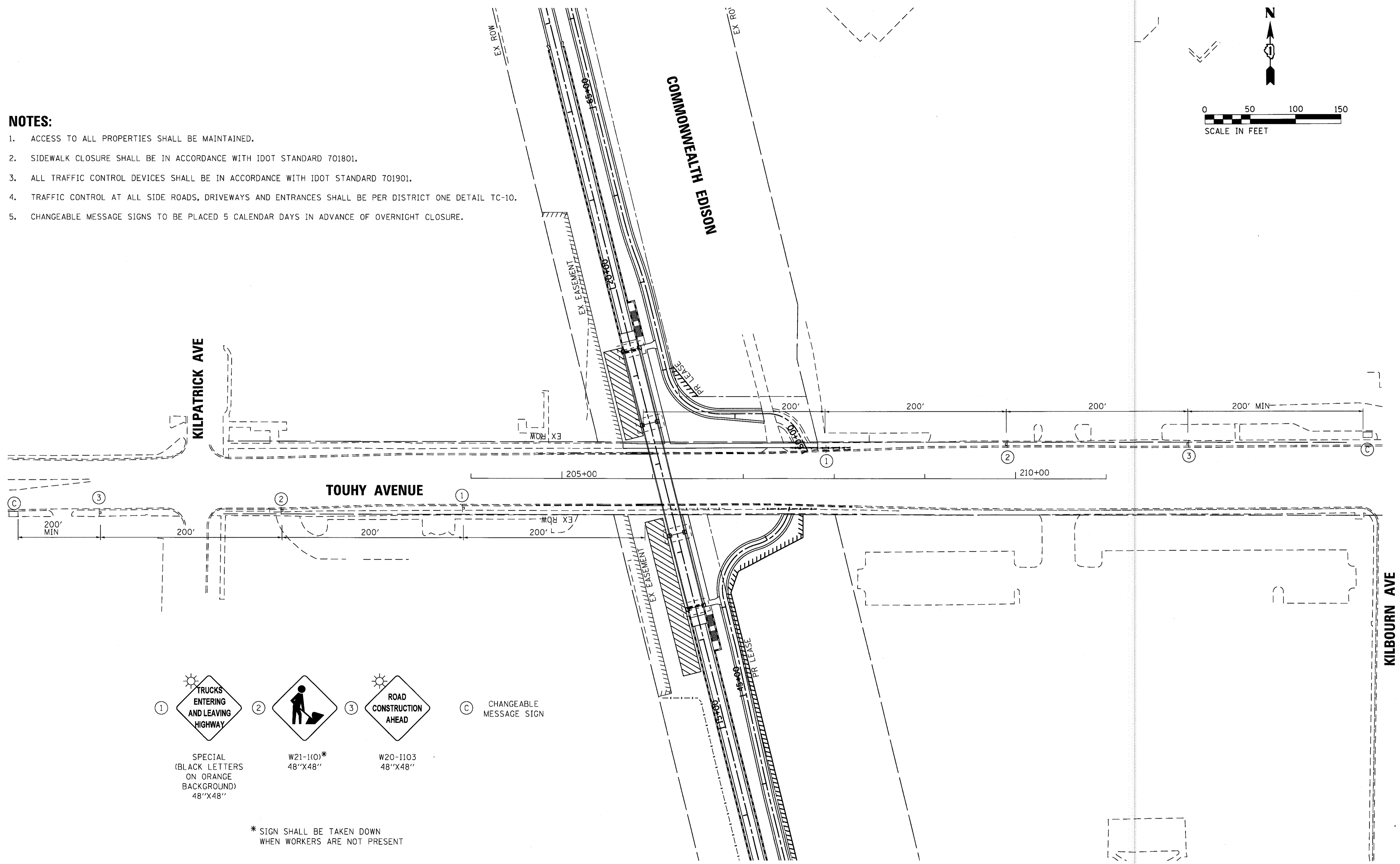
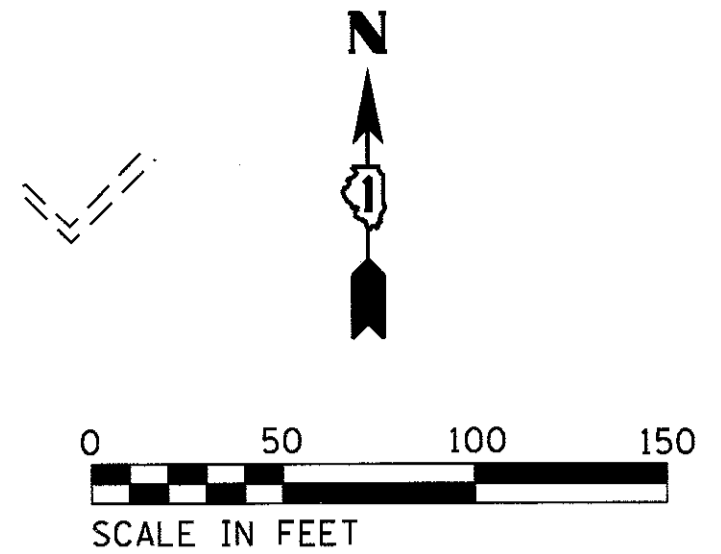
5. CONTRACTOR TO USE TYPE III BARRICADE WITH 2 STEADY BURN LIGHTS TO INDICATE CLOSURE/DETOUR OF EXISTING PATH. WORK IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
6. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED.
7. SIDEWALK CLOSURE SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701801.

STAGE 2: CONSTRUCT RETAINING WALL / BRIDGE

	USER NAME = 8291	DESIGNED - T.H.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINCOLNWOOD VALLEY LINE TRAIL OVERPASS MAINTENANCE OF TRAFFIC - LINCOLNWOOD VALLEY LINE TRAIL			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50,0000 ' / 1"	DRAWN - T.H.G.	REVISED -		1340	12-00059-00-BR	COOK	93	10			
	PLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -		SCALE: 1"=50'			SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 61D97	
ILLINOIS FED. AID PROJECT												

NOTES:

1. ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED.
2. SIDEWALK CLOSURE SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701801.
3. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701901.
4. TRAFFIC CONTROL AT ALL SIDE ROADS, DRIVEWAYS AND ENTRANCES SHALL BE PER DISTRICT ONE DETAIL TC-10.
5. CHANGEABLE MESSAGE SIGNS TO BE PLACED 5 CALENDAR DAYS IN ADVANCE OF OVERNIGHT CLOSURE.



* SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT



USER NAME = 8291	DESIGNED - C.E.G.	REVISED -
PLOT SCALE = 50.0000' / 1" =	DRAWN - C.E.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -


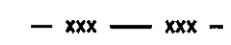

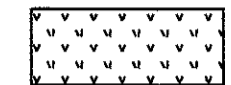



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

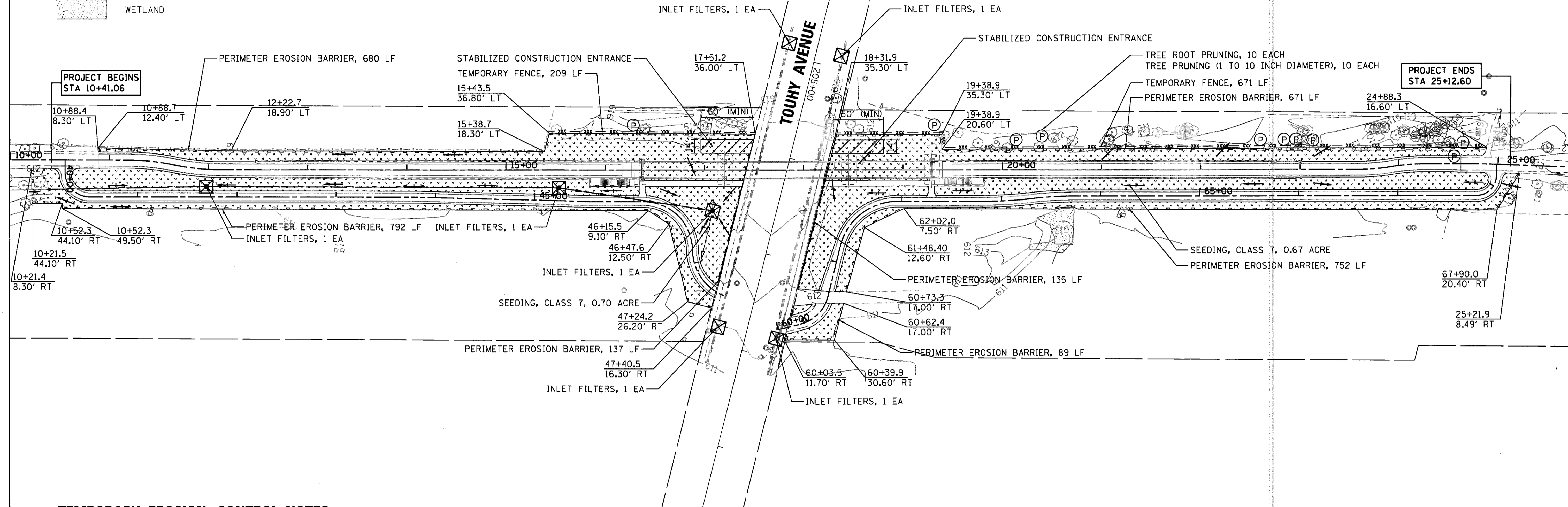
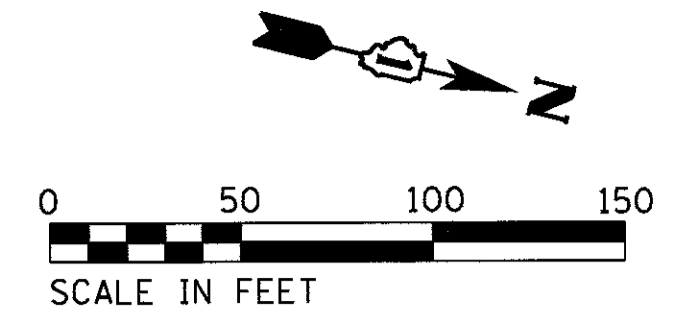
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
MAINTENANCE OF TRAFFIC - TOUHY AVENUE**

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

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 11
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

LEGEND

-  STABILIZED CONSTRUCTION ENTRANCE
-  TEMPORARY FENCE
-  PERIMETER EROSION BARRIER
-  SEEDING, CLASS 7
-  INLET FILTERS
-  TREE ROOT PRUNING
TREE PRUNING (1 TO 10 INCH DIAMETER)
-  WETLAND



TEMPORARY EROSION CONTROL NOTES:

1. THE ENGINEER SHALL CONDUCT A FIELD REVIEW FOR EROSION AND SEDIMENT CONTROL WITH THE PRIME AND SUBCONTRACTORS PRIOR TO ANY EARTHWORK OPERATIONS.
2. THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.
3. NO CONCENTRATED RUNOFF FLOW FROM STRIPPED AREAS SHALL LEAVE THE SITE WITHOUT BEING TREATED. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.
4. EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND ENGINEER AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1/2" OF PRECIPITATION OR EQUIVALENT SNOWFALL.
5. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 06-60.
6. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT NO MORE THAN 14 DAYS AFTER CONSTRUCTION ACTIVITY HAS CEASED IN AN AREA WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.
7. THE CONTRACTOR SHALL APPLY TEMPORARY EROSION CONTROL SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN THE CONTRACT LIMITS EACH WEEK, REGARDLESS OF WEATHER CONDITIONS OR PROGRESS OF THE WORK, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ERODIBLE EMBANKMENT AND EXCAVATION AREAS WHERE WORK IS IN PROGRESS SHALL BE INCLUDED ON THE AREAS TO BE SEEDED.
8. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
9. CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ACCORDNACE WITH THE ILLINOIS URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE ONSTRUCTION ACTIVITIES INVOLVING CONCRETE.
10. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED I NADDITION TO CONCRETE WASHOUT FACILITIES FOR ANY BRICK AND MORTAR CONSTRUCTION ACTIVITIES.
11. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS OF CONSTRUCTION SHUTDOWN UNTIL PERMANENT STABILIZATION IS ACHIEVED.
12. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY APPROPRIATE SEDIMENT CONTROL MEASURES.
13. THE CONTRACTOR SHALL AVOID IMPACTS TO THE EXISTING WETLAND.



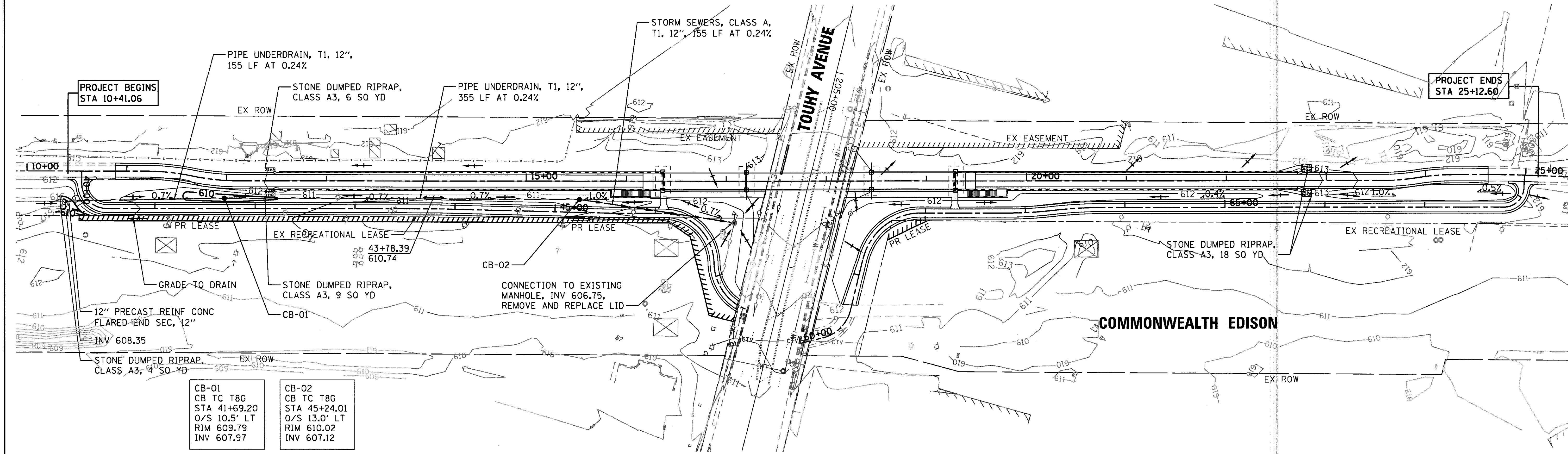
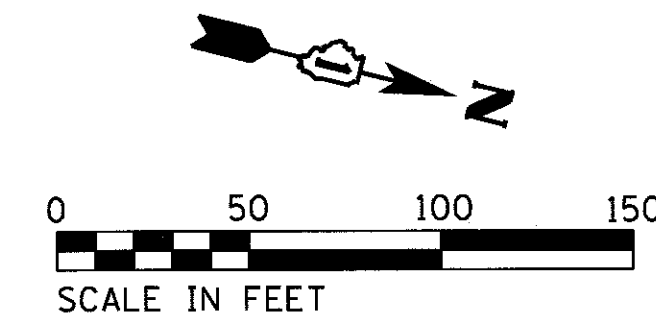
USER NAME = 8291	DESIGNED - C.E.G.	REVISED -
PLOT SCALE = 50,0000' / 1" =	DRAWN - C.E.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

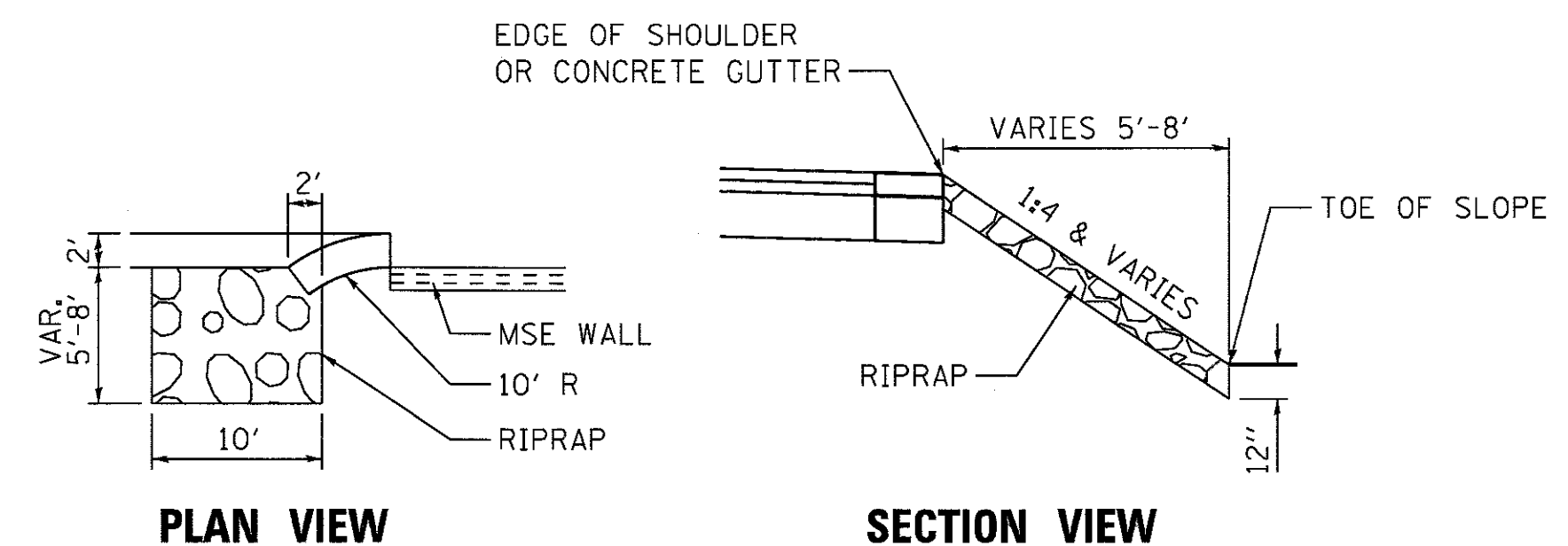
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
EROSION AND SEDIMENT CONTROL PLAN

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

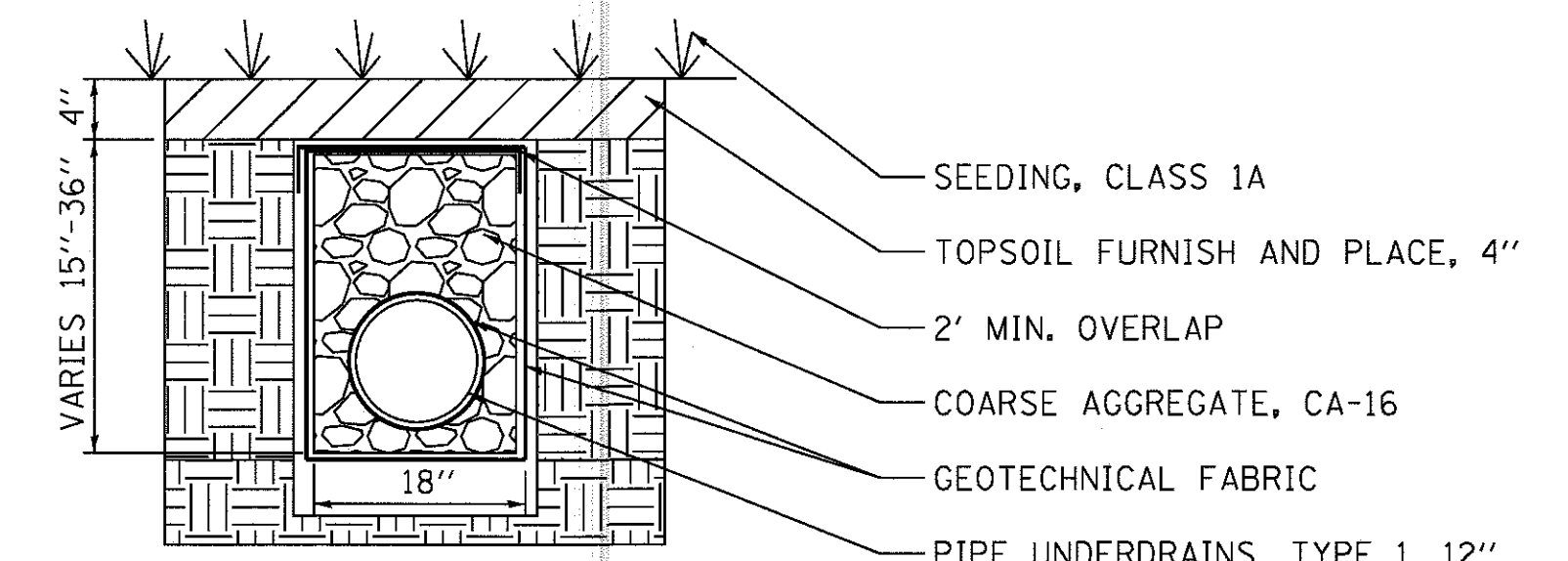
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	12
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



CB-01 CB TC T8G STA 41+69.20 O/S 10.5' LT RIM 609.79 INV 607.97	CB-02 CB TC T8G STA 45+24.01 O/S 13.0' LT RIM 610.02 INV 607.12
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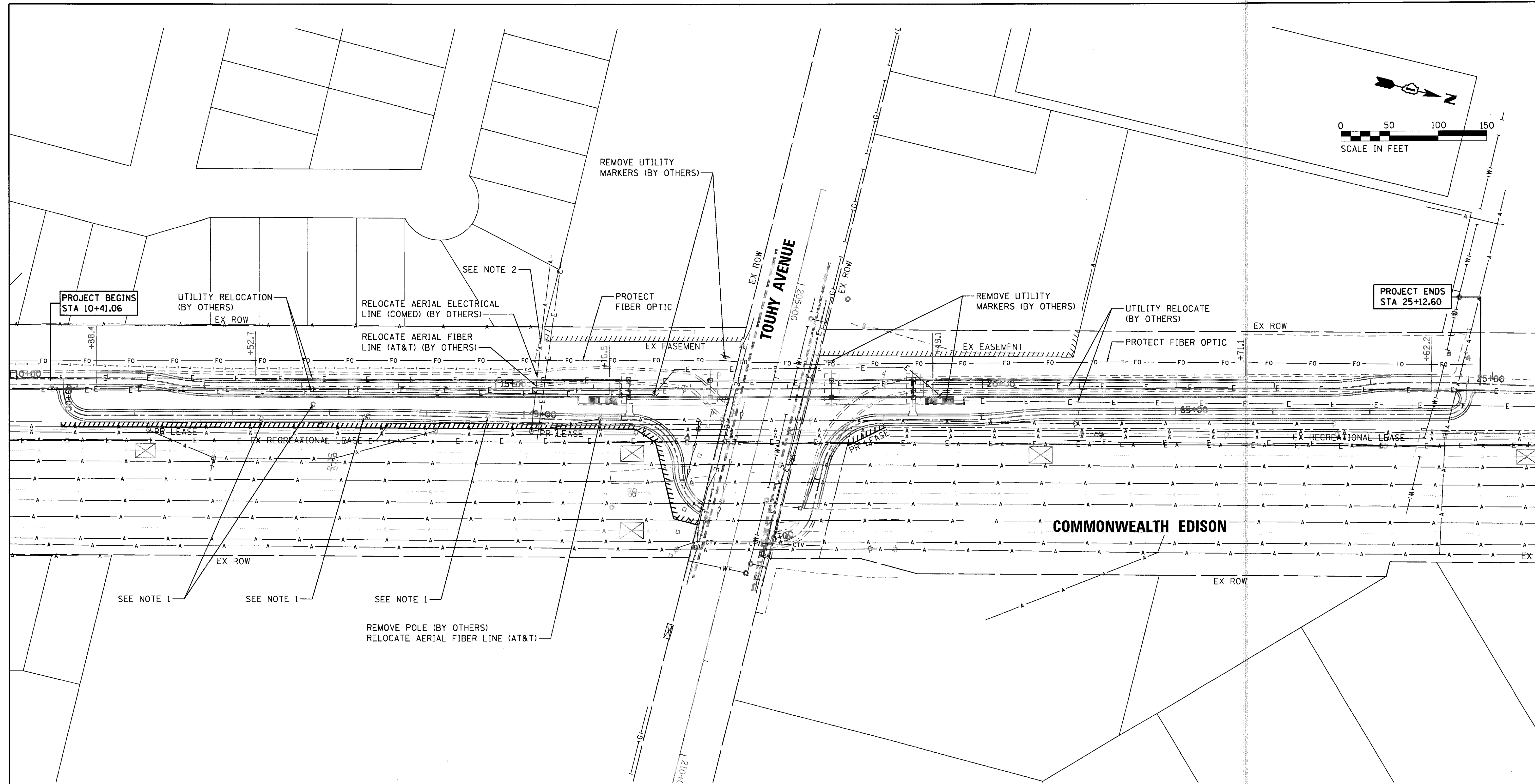


STONE DUMPED RIPRAP, CLASS A3



PIPE UNDERDRAINS, TYPE 1, 12"

FILE NAME = 13_26934-sht-Grading.dgn	USER NAME = 8291	DESIGNED - T.H.G.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINCOLNWOOD VALLEY LINE TRAIL OVERPASS GRADING AND DRAINAGE PLAN			F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 13
Default	PLOT SCALE = 50.0000' / 1" =	CHECKED - D.L.D.	REVISED -		SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 61D97		
	PLOT DATE = 5/26/2017	DATE - 05-08-17	REVISED -							ILLINOIS FED. AID PROJECT		



NOTES

1. SEE SHEET 8 FOR UTILITY POLE REMOVALS.
2. THE AERIAL FIBER AND ELECTRICAL LINES AND UNDERGROUND ELECTRICAL THAT CROSS ABOVE / BELOW THE MAINLINE PATH AT STA 15+41 MUST BE RELOCATED PRIOR TO CONSTRUCTION (BY OTHERS).



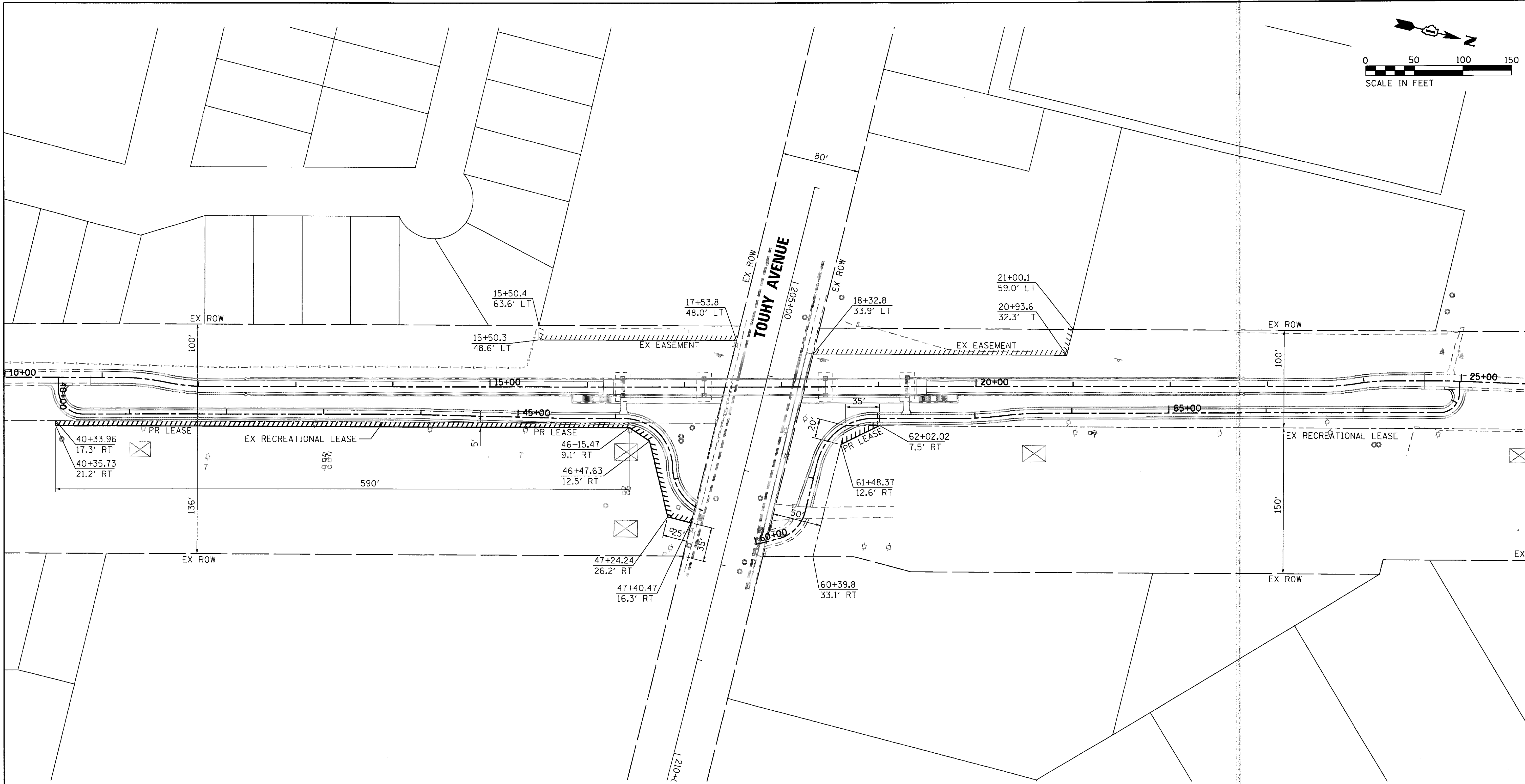
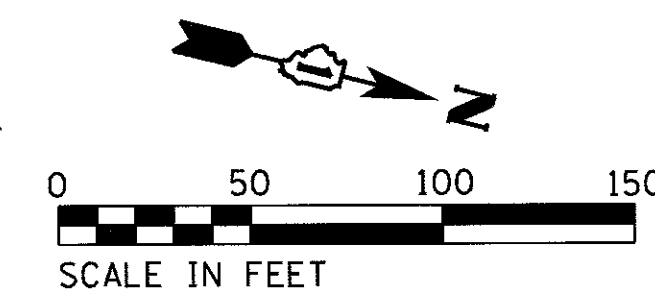
USER NAME = 8291	DESIGNED - C.E.G.	REVISED -
PLOT SCALE = 50.0000' / 1"	DRAWN - C.E.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.L.D.	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
UTILITY RELOCATION PLAN**

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

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 14
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



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	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
RIGHT-OF-WAY PLAN**

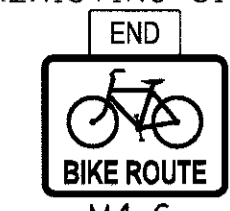
SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. TO STA.

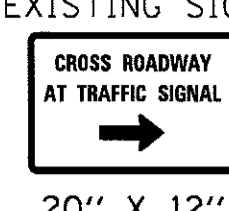
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	15
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

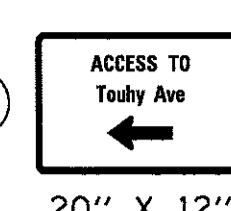
SIGN LEGEND


- (EXISTING SIGN)


①  R1-1
24X24
- (EXISTING SIGN)

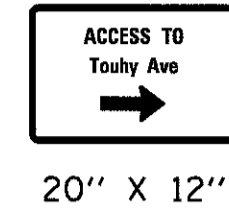
③  M4-6
12X6
D11-1
24X18
- (EXISTING SIGN)

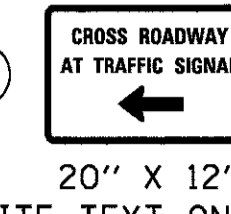
⑤  20" X 12"
(WHITE TEXT ON GREEN
BACKGROUND)
- (EXISTING SIGN)

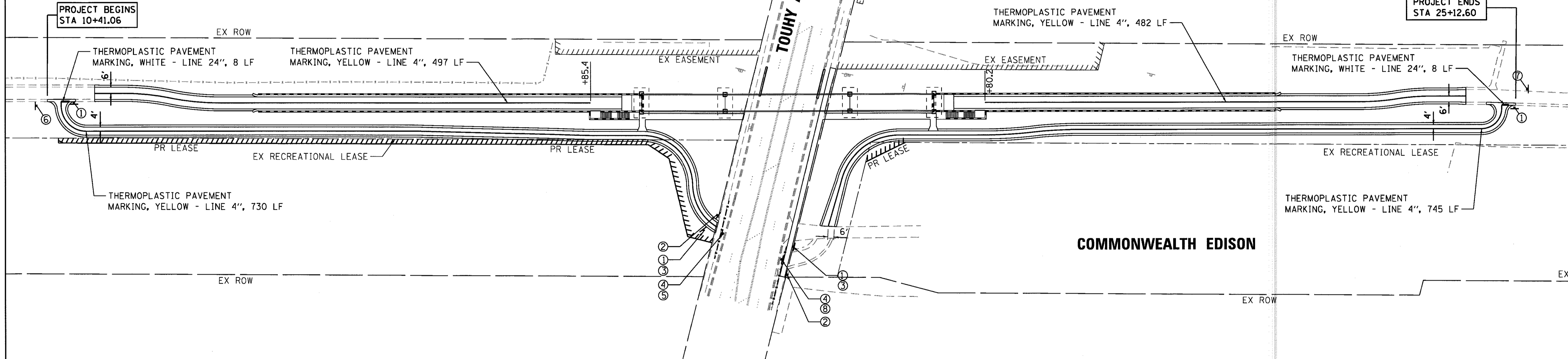
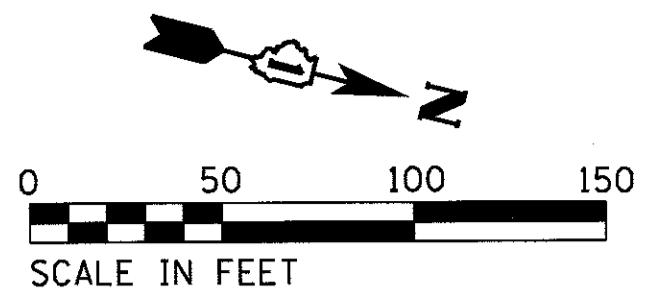
⑦  20" X 12"
(WHITE TEXT ON GREEN
BACKGROUND)
- (EXISTING SIGN)

②  R5-3
24X24
- (EXISTING SIGN)

④  18" X 18"
(YELLOW BACKGROUND)
- (EXISTING SIGN)

⑥  20" X 12"
(WHITE TEXT ON GREEN
BACKGROUND)
- (EXISTING SIGN)

⑧  20" X 12"
(WHITE TEXT ON GREEN
BACKGROUND)



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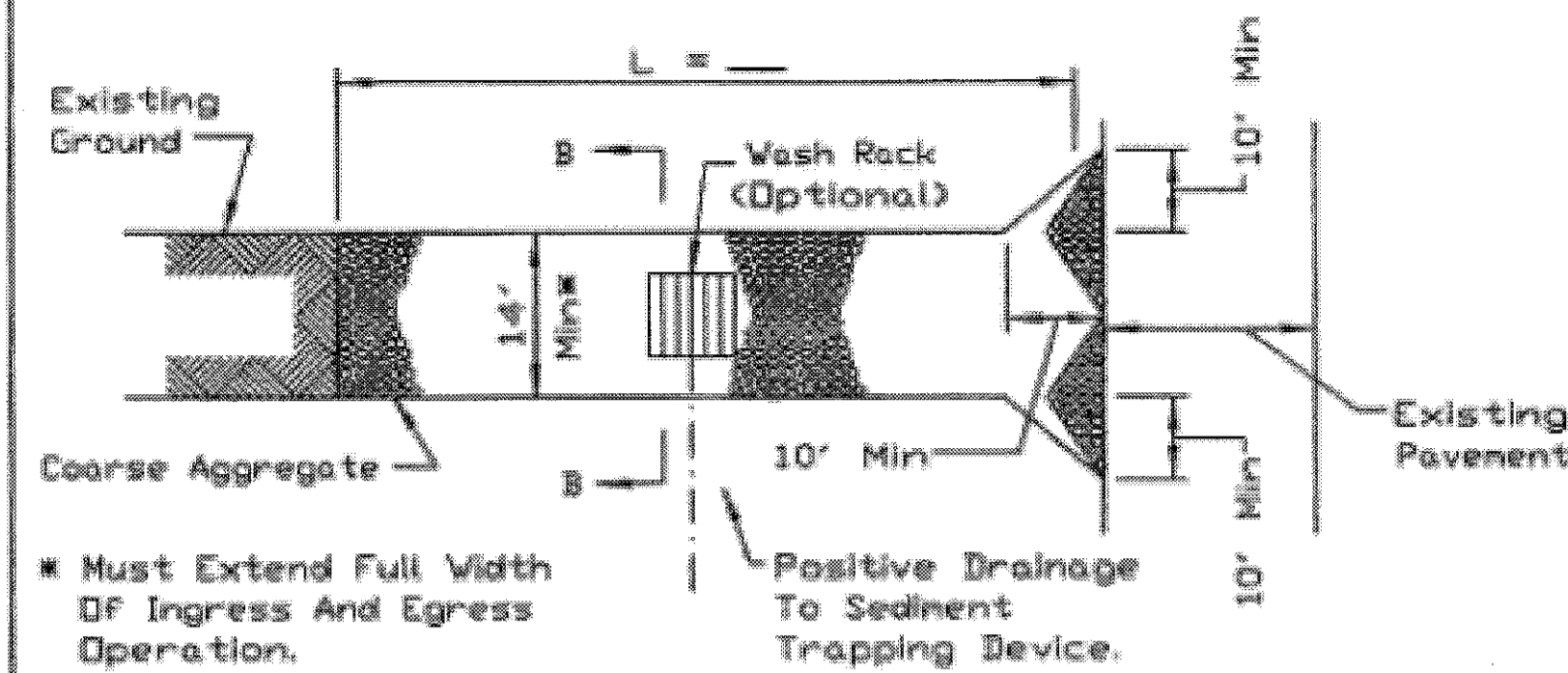
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
PAVEMENT MARKING AND SIGNING PLAN AND DETAILS**

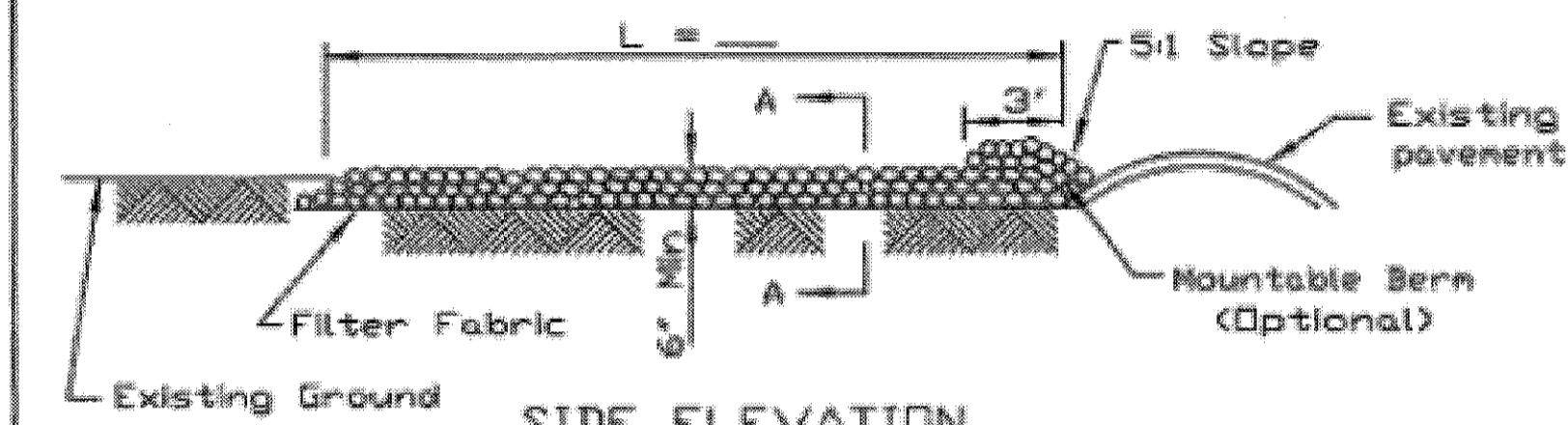
SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 17
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	

STABILIZED CONSTRUCTION ENTRANCE PLAN



PLAN VIEW



SIDE ELEVATION

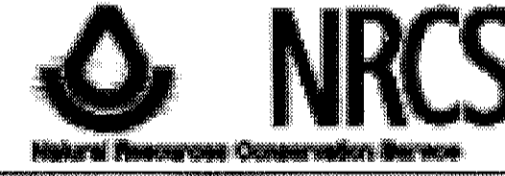
- NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
 2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
 4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-630
SHEET 1 OF 2	
DATE	8-18-94

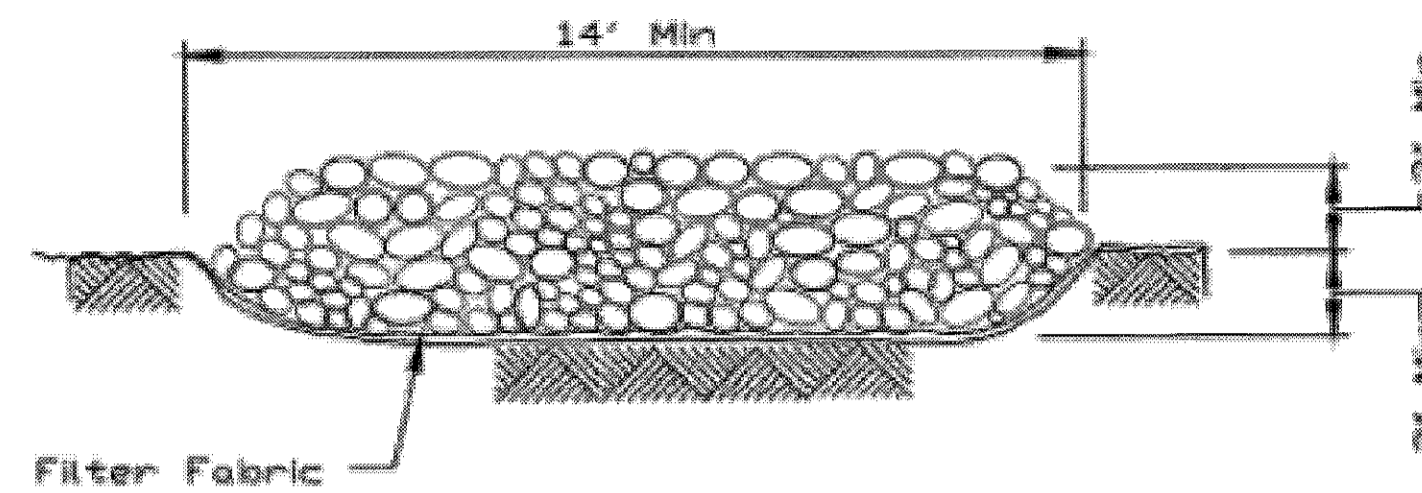
REFERENCE Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



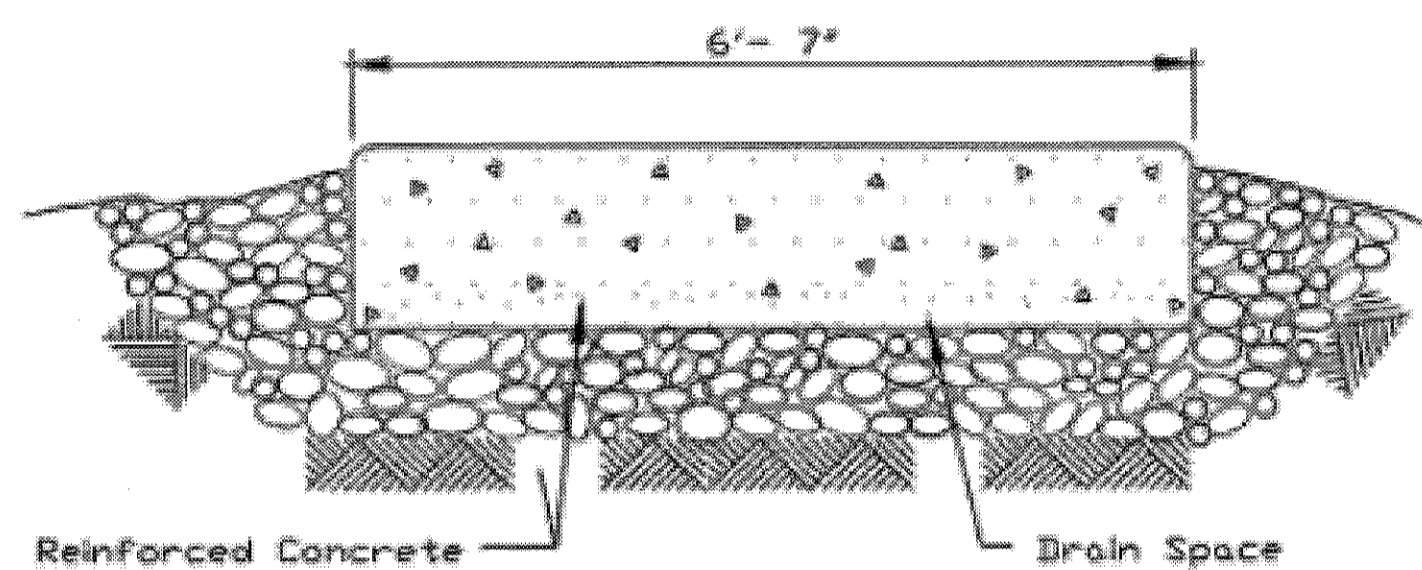
STANDARD DWG. NO.	IL-630
SHEET 2 OF 2	
DATE	8-18-94

STABILIZED CONSTRUCTION ENTRANCE DETAIL

STABILIZED CONSTRUCTION ENTRANCE PLAN



SECTION A-A



SECTION B-B

ELEVATION, 3-RAIL, 8' NOM. LENGTH
96"
(PANELS ALSO AVAILABLE FOR 8' O.C. POST SPACING)

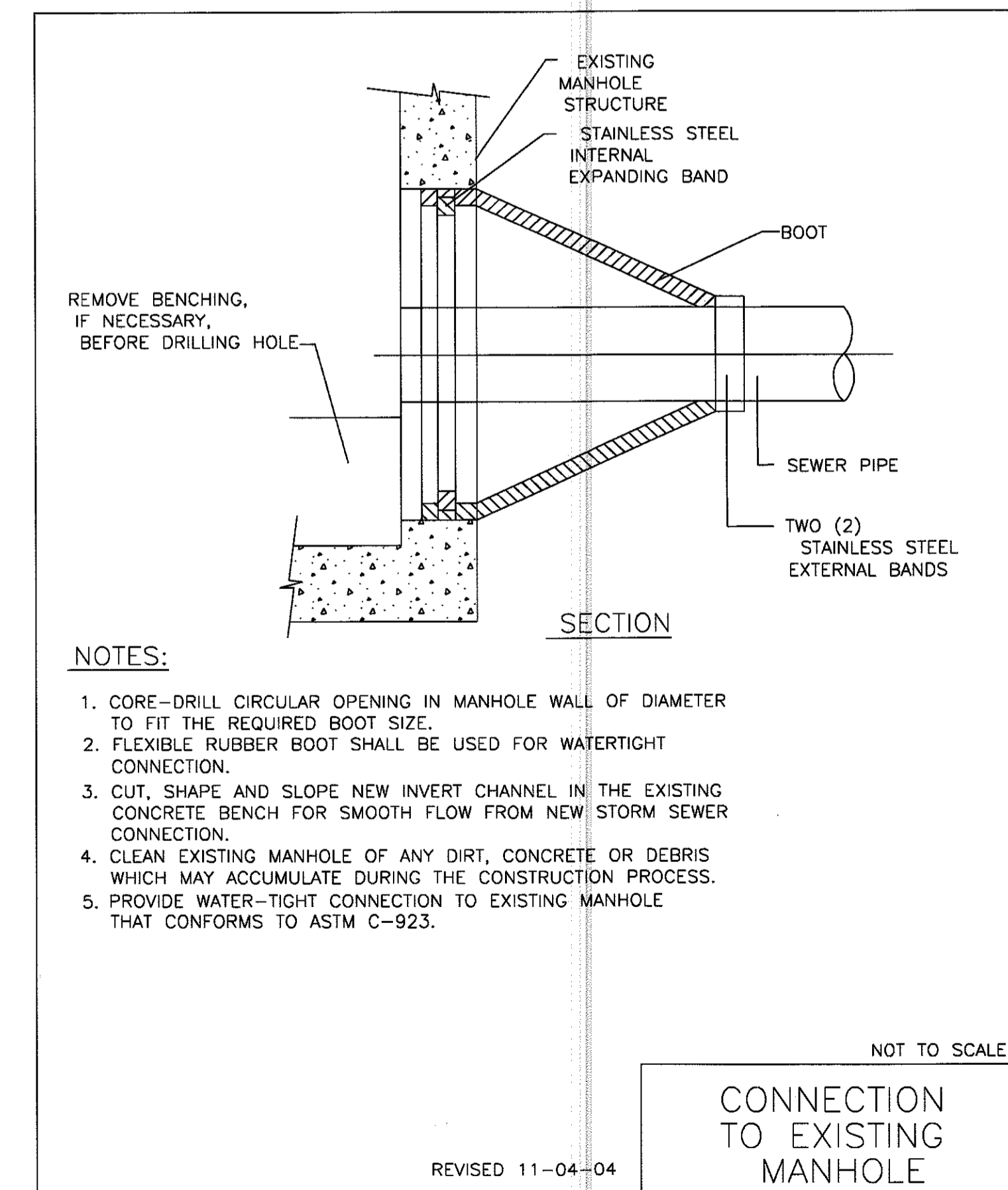
CROSS SECTION OF HORIZONTAL RAIL
1 1/2"
1 1/2"
1"

ISOMETRIC, 3 RAIL

Post Selection for Fence Height 8' - 10'				
Wind Loading				
Fence Height (Ft)	Rail Length (Ft)	Post Size	Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
4	6	2 1/2" x 12 GA.	45.5	133.0
		3" x 12 GA.	54.6	148.0
	8	2 1/2" x 12 GA.	34.2	118.0
		3" x 12 GA.	41.0	127.0

ORNAMENTAL FENCE THREE RAIL

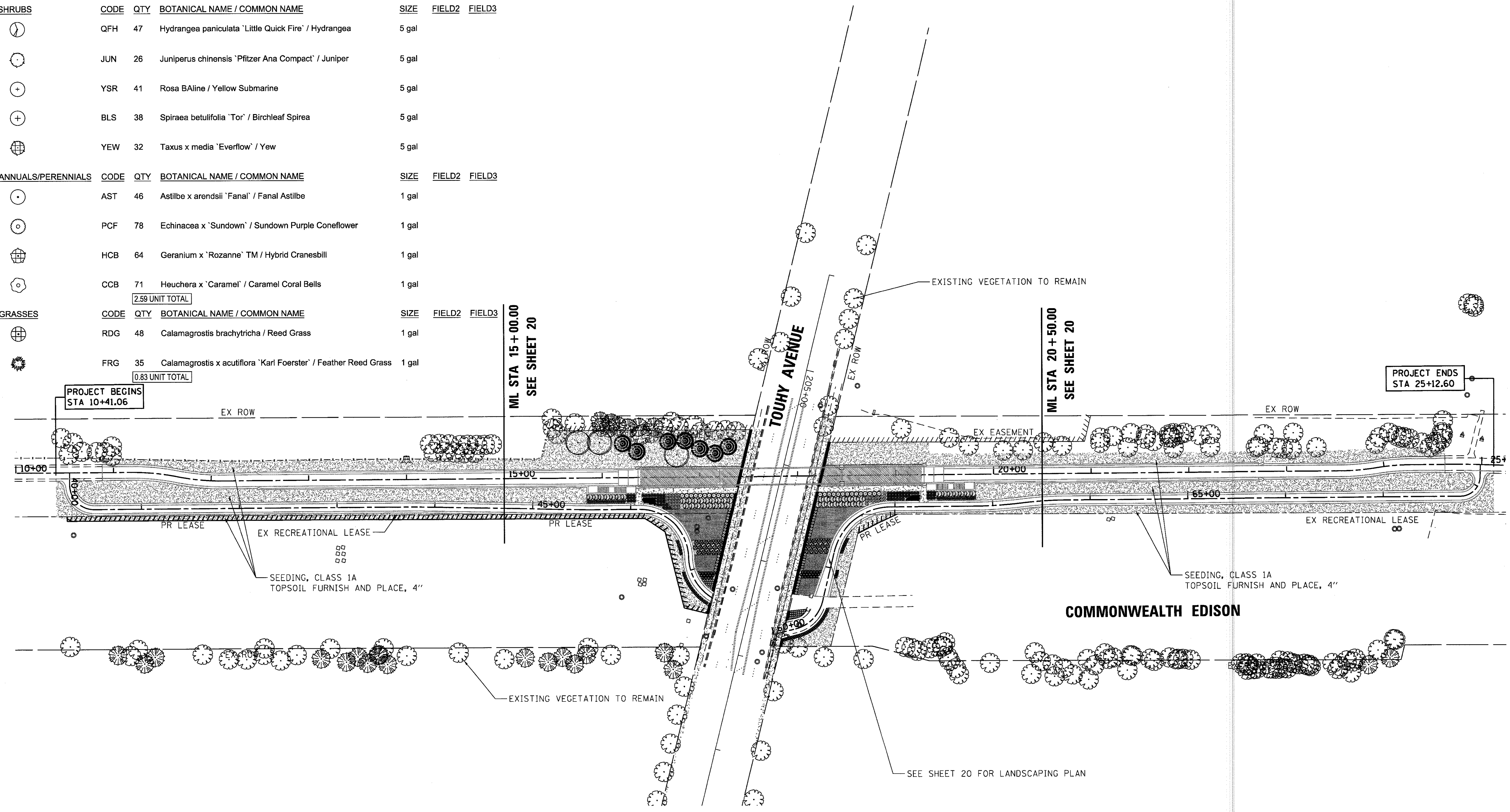
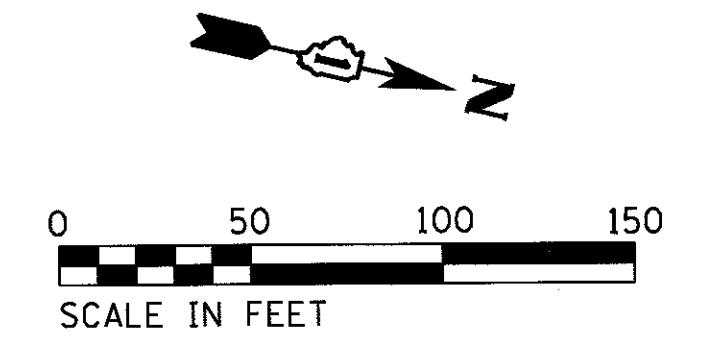
ORNAMENTAL FENCE DETAIL



- NOTES:
1. CORE-DRILL CIRCULAR OPENING IN MANHOLE WALL OF DIAMETER TO FIT THE REQUIRED BOOT SIZE.
 2. FLEXIBLE RUBBER BOOT SHALL BE USED FOR WATERTIGHT CONNECTION.
 3. CUT, SHAPE AND SLOPE NEW INVERT CHANNEL IN THE EXISTING CONCRETE BENCH FOR SMOOTH FLOW FROM NEW STORM SEWER CONNECTION.
 4. CLEAN EXISTING MANHOLE OF ANY DIRT, CONCRETE OR DEBRIS WHICH MAY ACCUMULATE DURING THE CONSTRUCTION PROCESS.
 5. PROVIDE WATER-TIGHT CONNECTION TO EXISTING MANHOLE THAT CONFORMS TO ASTM C-923.

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE
	ROK	3	Quercus rubra / Red Oak	B & B		2-1/2"
EVERGREEN TREES	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE
	WTF	7	Abies concolor / White Fir	B & B		12-14' HT.
SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3
	QFH	47	Hydrangea paniculata 'Little Quick Fire' / Hydrangea	5 gal		
	JUN	26	Juniperus chinensis 'Pfitzer Ana Compact' / Juniper	5 gal		
	YSR	41	Rosa BAline / Yellow Submarine	5 gal		
	BLS	38	Spiraea betulifolia 'Tor' / Birchleaf Spirea	5 gal		
	YEW	32	Taxus x media 'Everflow' / Yew	5 gal		
ANNUALS/PERENNIALS	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3
	AST	46	Astilbe x arendsii 'Fanal' / Fanal Astilbe	1 gal		
	PCF	78	Echinacea x 'Sundown' / Sundown Purple Coneflower	1 gal		
	HCB	64	Geranium x 'Rozanne' TM / Hybrid Cranesbill	1 gal		
	CCB	71	Heuchera x 'Caramel' / Caramel Coral Bells	1 gal		
				2.59 UNIT TOTAL		
GRASSES	CODE	QTY	BOTANICAL NAME / COMMON NAME	SIZE	FIELD2	FIELD3
	RDG	48	Calamagrostis brachytricha / Reed Grass	1 gal		
	FRG	35	Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass	1 gal		
				0.83 UNIT TOTAL		



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

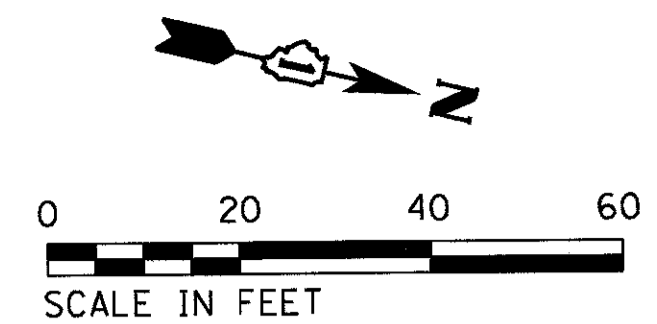
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LANDSCAPING PLAN**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	19
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

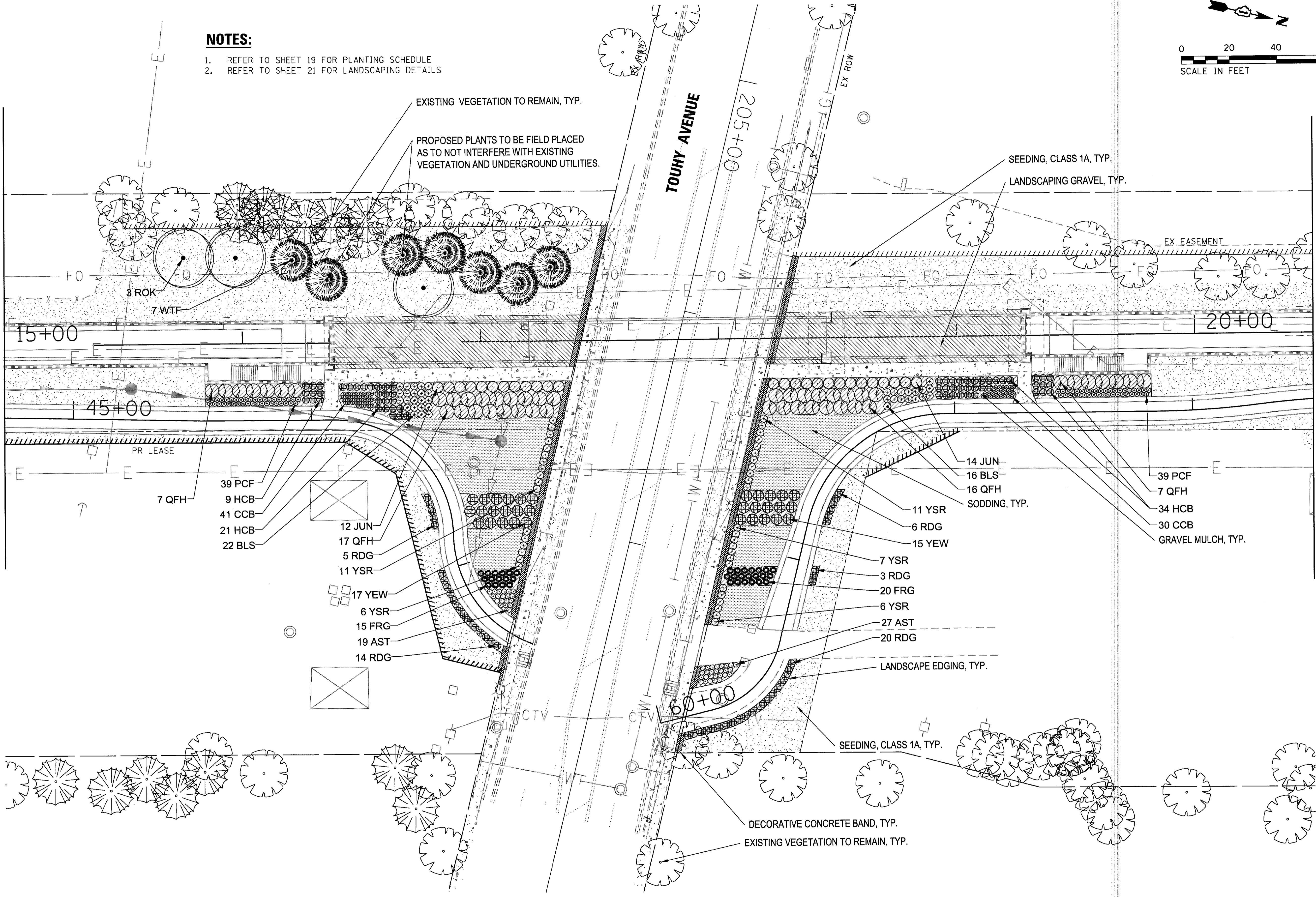
NOTES:

1. REFER TO SHEET 19 FOR PLANTING SCHEDULE
2. REFER TO SHEET 21 FOR LANDSCAPING DETAILS



MATCHLINE STA 15+00, SEE SHEET 19

MATCHLINE STA 20+50, SEE SHEET 19



USER NAME = 8291	DESIGNED - J.P.	REVISED -
	DRAWN - J.P.	REVISED -
PLOT SCALE = 20,0000' / 1" =	CHECKED - R.D.	REVISED -
PLOT DATE = 5/26/2017	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

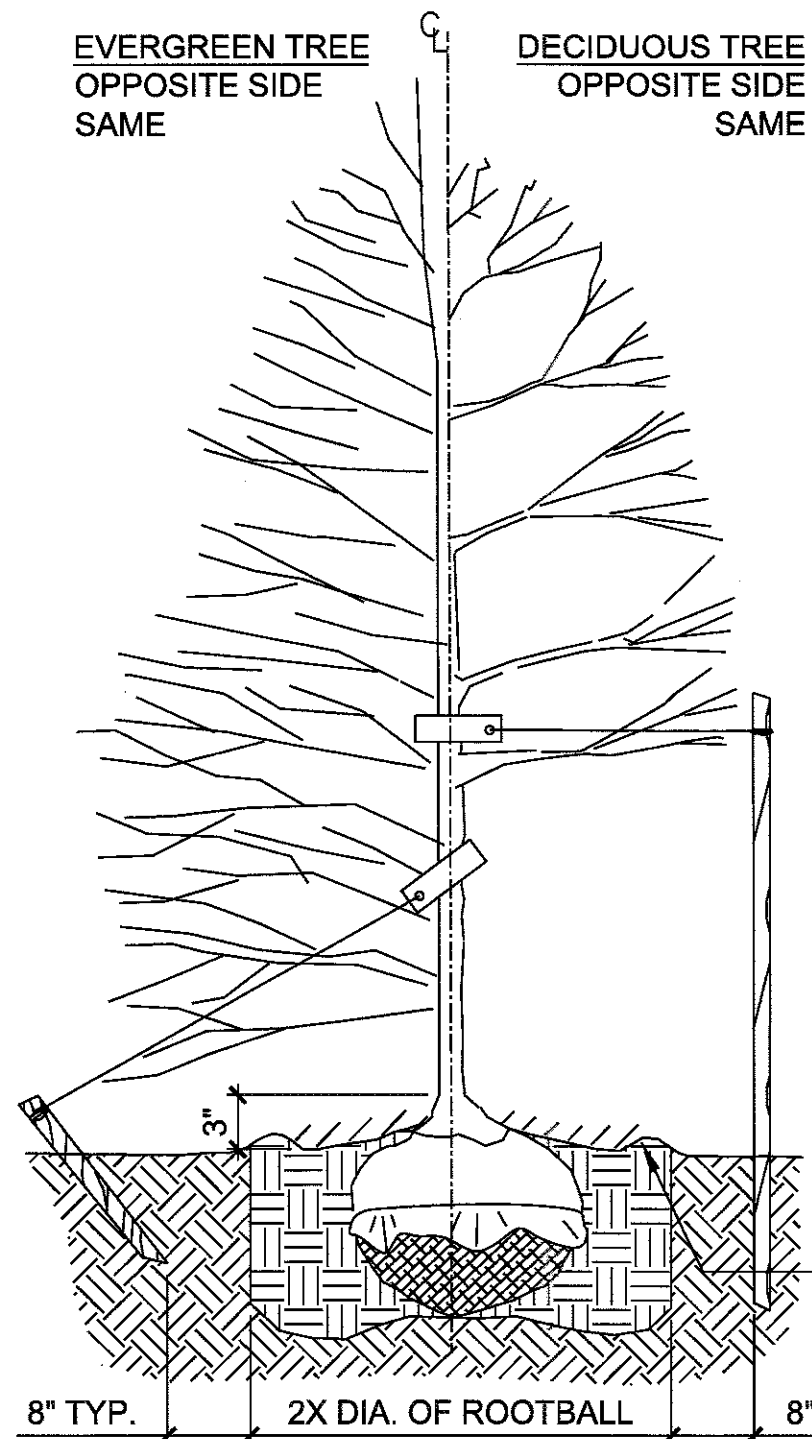
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LANDSCAPING PLAN**

SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 15+00.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	20
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

EVERGREEN TREE
OPPOSITE SIDE
SAME

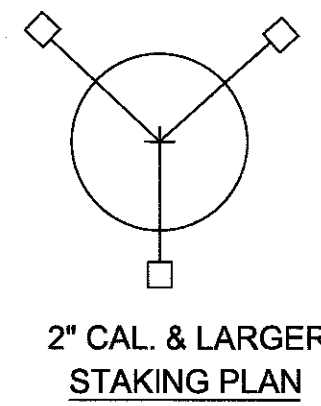
DECIDUOUS TREE
OPPOSITE SIDE
SAME



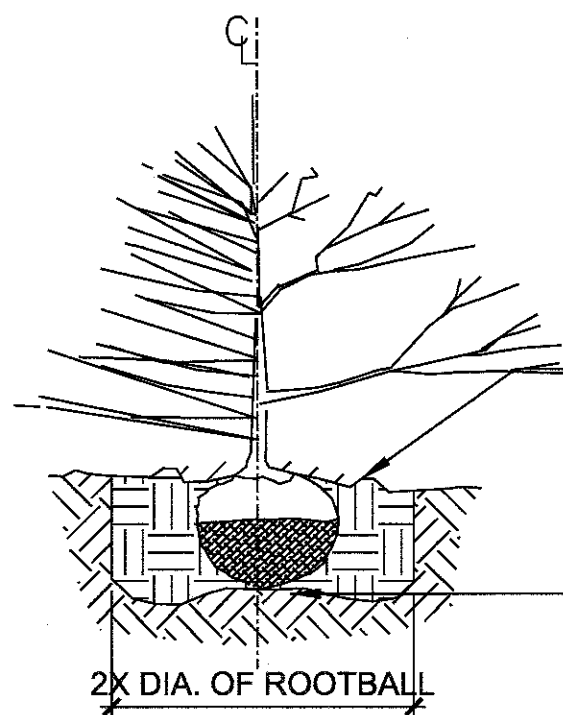
DECIDUOUS AND EVERGREEN TREE PLANTING

NOTES:

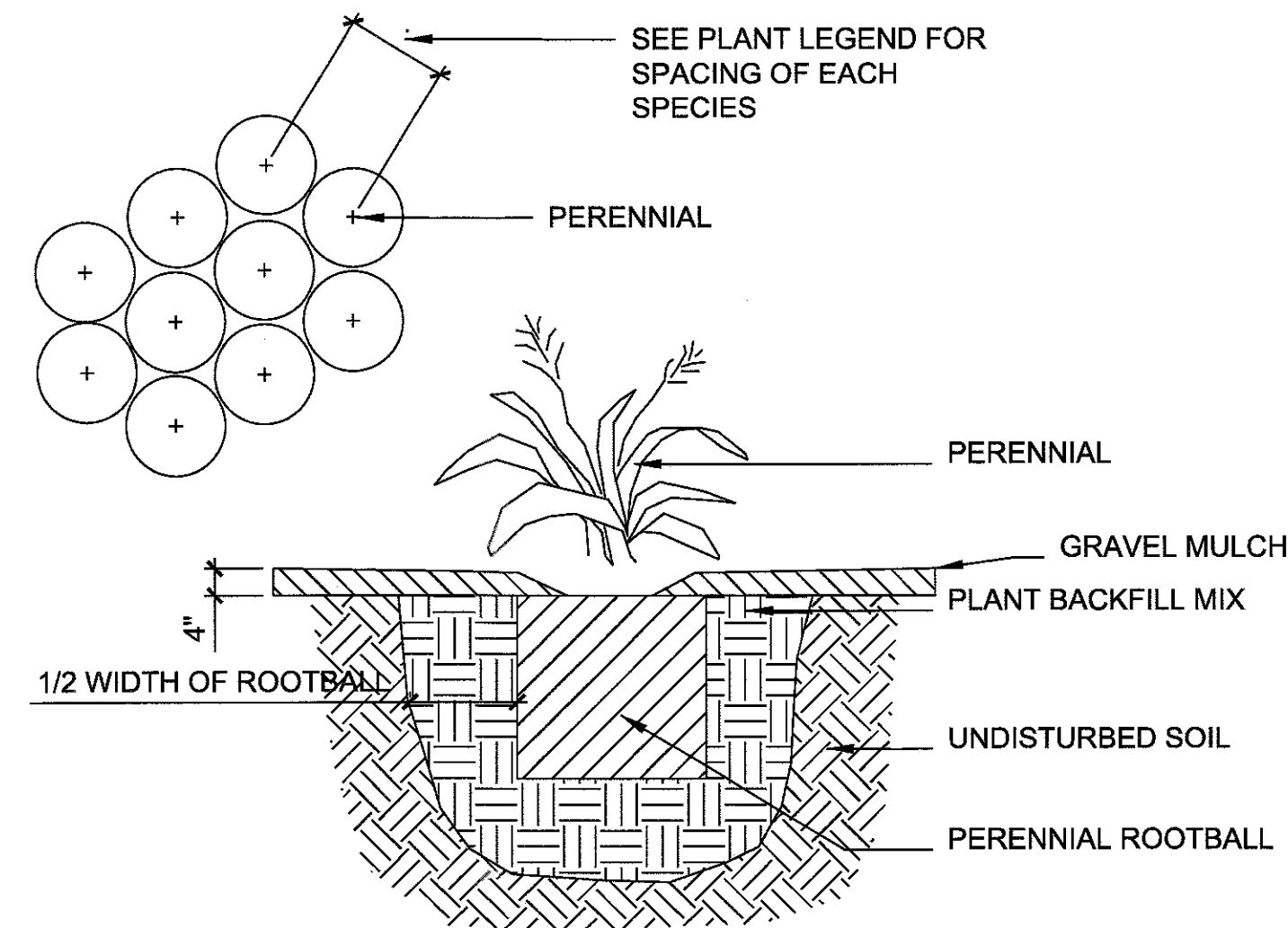
1. TREES SHALL BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. WRAP ENTIRE SURFACE OF TRUNK TO SECOND BRANCH WITH APPROVED TREE WRAP. SECURE AT 2" INTERVALS. SUPPORT WIRE TO BE GALVANIZED. ATTACH TO TREE WITH 2" CLOTH BAND OR APPROVED EQUAL. PLACE 1/2 INCH PVC PIPE AROUND GUY WIRE ATTACHING THE TREE TO THE STAKE.
3. STAKE DECIDUOUS TREES AS SHOWN WITH 3-6' LONG WOOD OR PEELED POLE STAKES. STAKES AT 120 DEGREES. EXTEND STAKE 24" - 30" INTO GROUND. STAKE EVERGREEN TREES AS SHOWN WITH 3-2' LONG WOOD STAKES AT 120 DEGREES. USE ONLY GALVANIZED WIRE.
4. FOLD BACK WIRE, WIRE BASKETS, NYLON TIES, TWINE, ROPE AND BURLAP FROM TOP AND SIDES OF ROOT BALL. REMOVE UNNECESSARY PACKING MATERIAL.
5. 2'-0" RADIUS GRAVEL MULCH COLLAR WHEN TREES ARE PLANTED IN TURF AREAS.
6. DO NOT CUT CENTRAL LEADER. PRUNE ONLY DEAD WOOD PRIOR TO PLANTING.
7. POSITION OF STAKES TO BE ORIENTED WITH REGARD TO PREVAILING WINDS.



2" CAL. & LARGER STAKING PLAN



DECIDUOUS AND EVERGREEN SHRUB PLANTING



PERENNIAL PLANTING

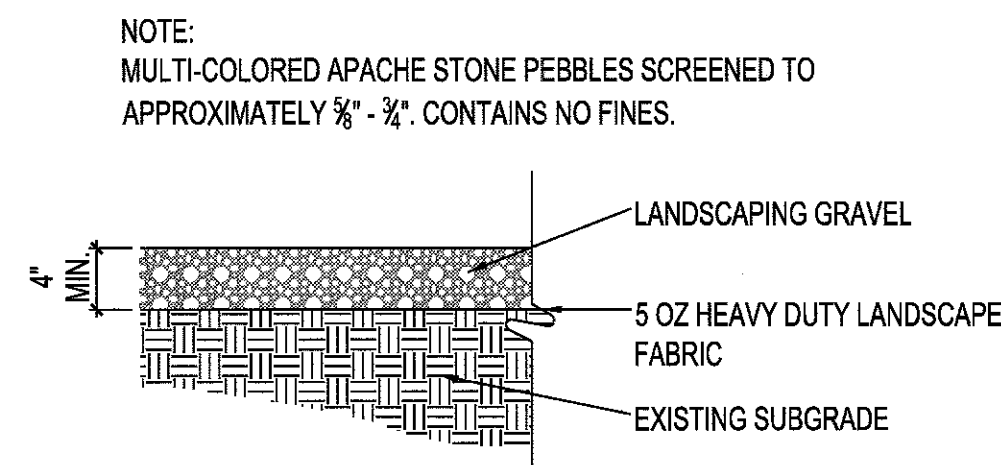
TREE AND SHRUB PLANTING

Scale: 1"=1'-0"

Scale: 1"=1'-0"

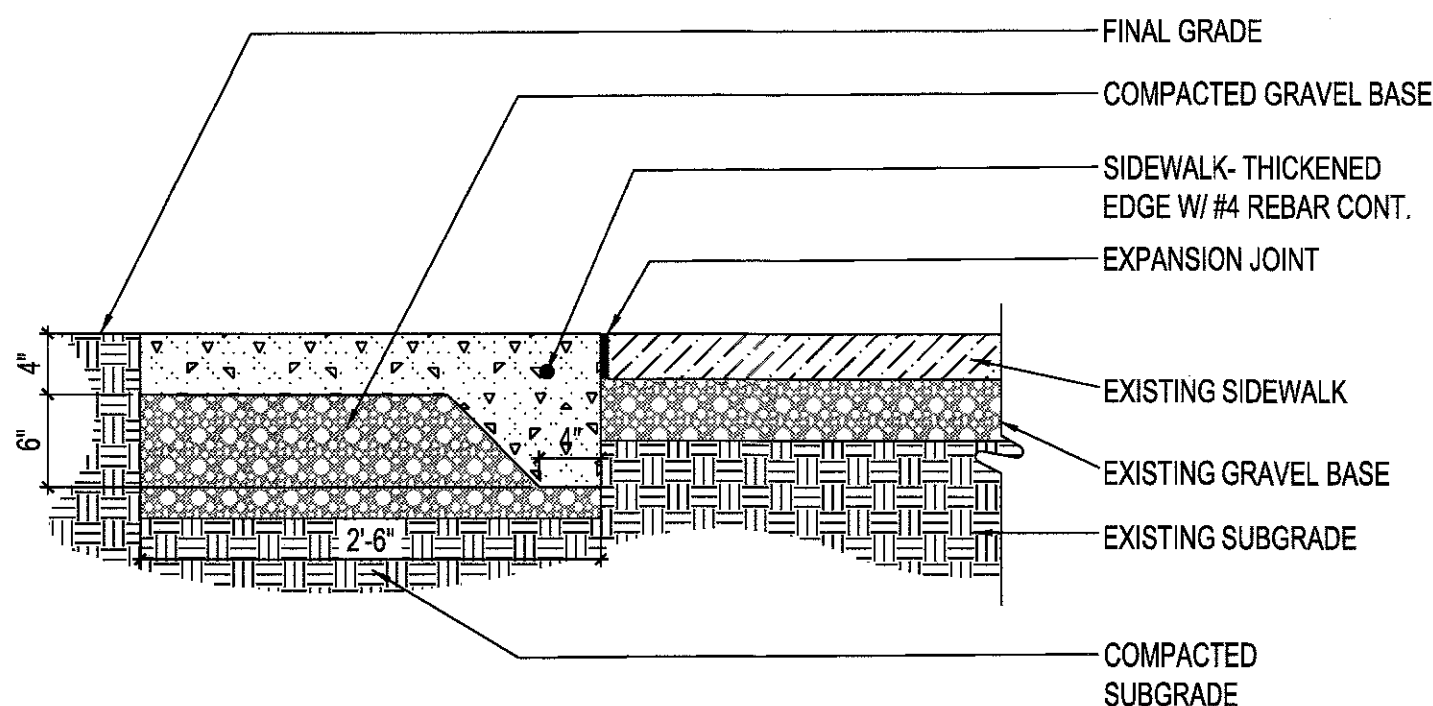
NOTE:

- SIDEWALK EXTENSION TO HAVE FRACTURED SLATE TEXTURE AND THE COLOR TO BE BRICK RED
- CONTRACTOR TO PROVIDE SAMPLE OF CONCRETE COLOR AND TEXTURE PRIOR TO INSTALLATION.



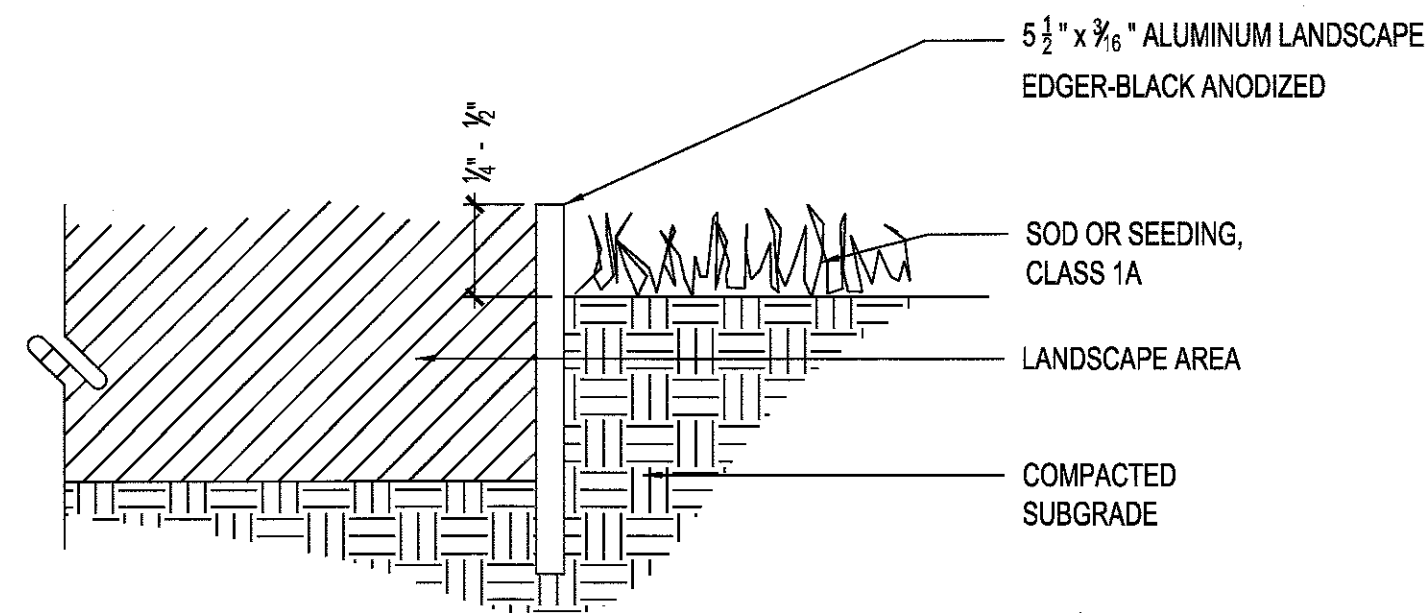
LANDSCAPING GRAVEL

Scale: 1"=1'-0"



DECORATIVE CONCRETE BAND

Scale: 1"=1'-0"



LANDSCAPE EDGING

Scale: 1"=1'-0"

LANDSCAPE NOTES

1. ALL LANDSCAPING SHALL BE IN CONFORMANCE WITH LANDSCAPE REGULATIONS, 2014 EDITION, ORDINANCE NO. 3133, SERIES OF 2014, AND THE AAN (American Association of Nurserymen) SPECIFICATIONS FOR NUMBER ONE GRADE.
2. ALL WORK SHALL CONFORM TO LOCAL AND COUNTY CODES. CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES, LINES AND STRUCTURES PRIOR TO EXCAVATION OR TRENCHING. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER OR LANDSCAPE ARCHITECT.
3. ALL SOD AREAS TO BE IRRIGATED FOR ESTABLISHMENT. ALL TREES TO BE WATERED USING A SLOW RELEASE WATERING BAG, SUCH AS A TREGATOR, THROUGH ESTABLISHMENT.
4. ALL TREE LOCATIONS SHALL BE STAKED BY AND APPROVED BY THE LANDSCAPE ARCHITECT.
5. PLANT SUBSTITUTIONS NOT BE PERMITTED WITHOUT APPROVAL BY LANDSCAPE ARCHITECT AND OWNER.
6. SOIL PREPARATION FOR ALL NON-HARDSCAPE AREAS SHALL INCLUDE TOPSOIL AND SHALL BE ADDED AT A RATE OF 4 CUBIC YARDS PER 1,000 SQUARE FEET AND TILLED 8" DEPTH INTO SOIL. PRIOR TO INSTALLATION OF PLANT MATERIALS, ALL AREAS SHALL BE THOROUGHLY LOOSENEED.
7. PLANTS SHALL BE INSTALLED IMMEDIATELY UPON DELIVERY TO SITE, IF THIS IS NOT POSSIBLE, PLANTS SHALL BE HEELED IN AND WATERED TO PREVENT DEHYDRATION.
8. PLANTING PITS SHALL BE EXCAVATED TO A MINIMUM OF TWICE THE WIDTH OF THE ROOTBALL. DO NOT DISTURB SOIL AT BOTTOM OF PIT. SCARIFY SIDES TO PREVENT GLAZING.
9. PLANTS SHOULD BE THOROUGHLY WATERED IMMEDIATELY AFTER PLANTING, ALLOWING WATER TO SOAK DOWN AND FILL REMAINDER OF HOLE WITH LOOSE SOIL. WITHOUT FURTHER PACKING, A MOUND OF SOIL SHALL BE FORMED AROUND THE EDGE OF EACH TREE PIT TO FORM A SHALLOW SAUCER.
10. AFTER PLANT INSTALLATION, ALL PLANT MATERIAL SHALL BE PLACED WITH THEIR ROOT COLLARS SLIGHTLY HIGHER THAN FINISH GRADE. (3" HIGHER FOR TREES.)
11. ALL LANDSCAPE SHOWN ON THESE PLANS SHALL BE MAINTAINED IN A NEAT AND ADEQUATE MANNER. REQUIRED MAINTENANCE ACTIVITIES SHALL INCLUDE, BUT NOT BE LIMITED TO, MOWING OF LAWNS, ADEQUATE IRRIGATION, REPLACEMENT OF DEAD, DISEASED OR UNSIGHTLY LANDSCAPING, AND APPROPRIATE PRUNING OF PLANT MATERIALS.
12. GRAVEL MULCH TO BE PLACED IN ALL PLANTING BED AREAS AROUND ALL SHRUBS, GRASSES AND PERENNIALS TO A MINIMUM DEPTH OF 4 INCHES. GRAVEL MULCH TO BE STANDARD SMOOTH RIVER ROCK OR PEBBLES, EGG ROCK OR 6A SMALL COBBLE. SIZE TO BE 1.5" - 2.5" DIAMETER AND COLOR TO BE WHITE, GREY, BLUE, CREAM AND PINK.



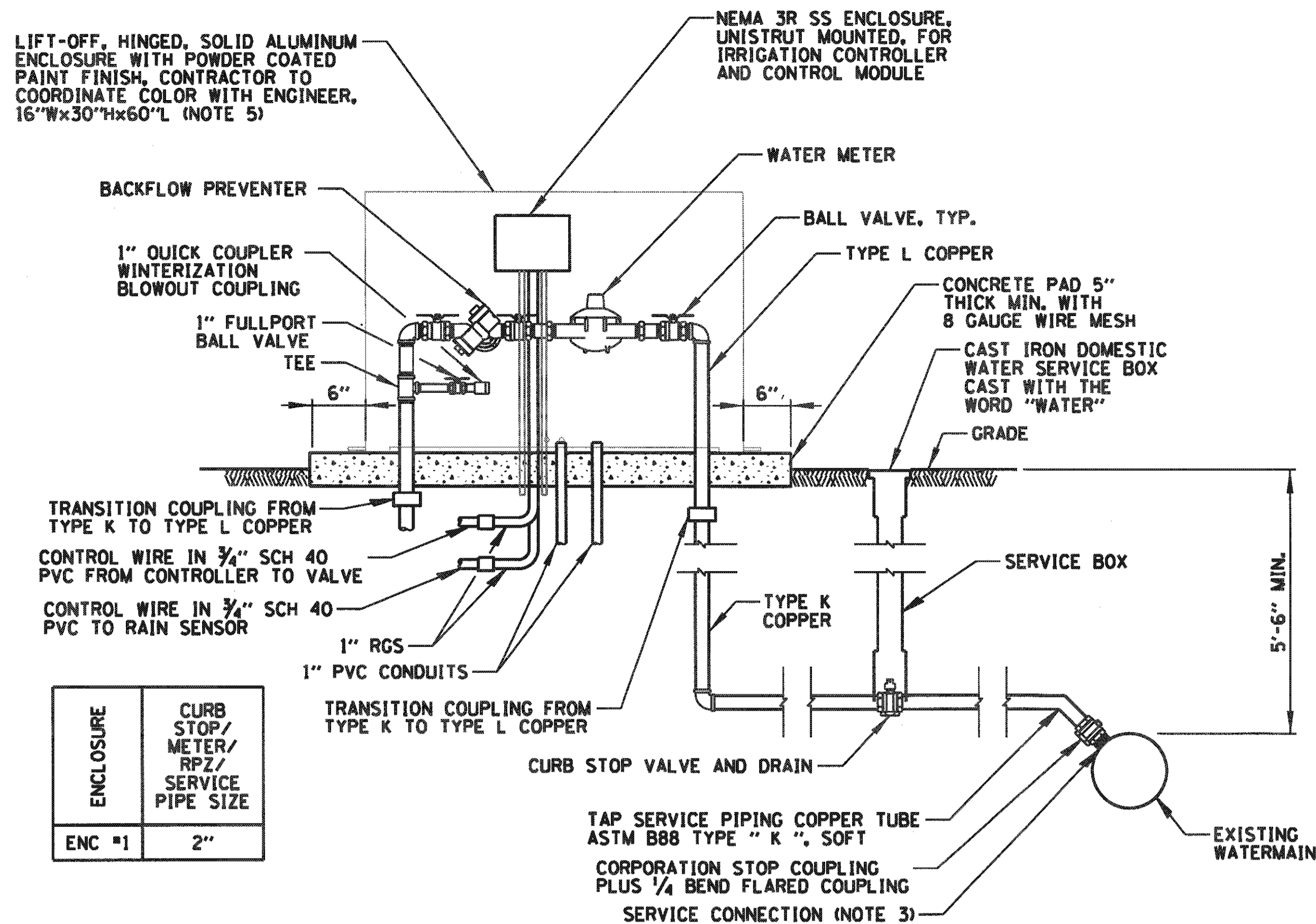
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	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LANDSCAPING DETAILS

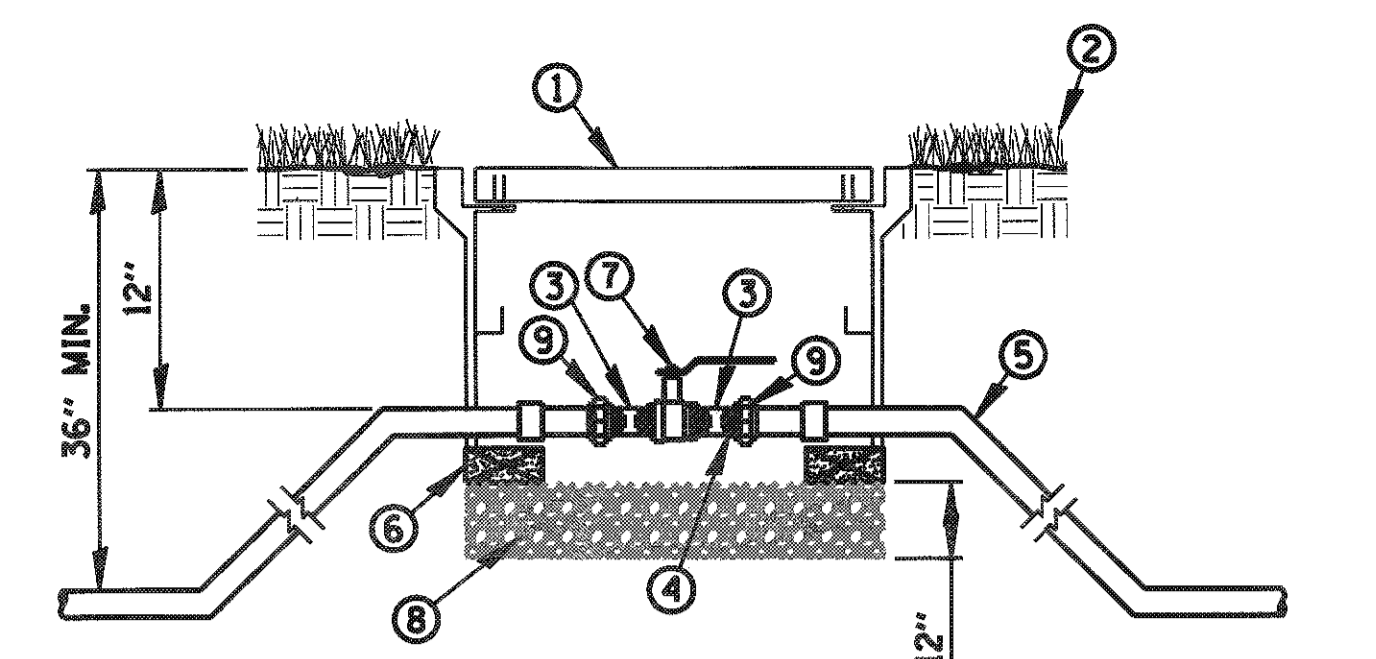
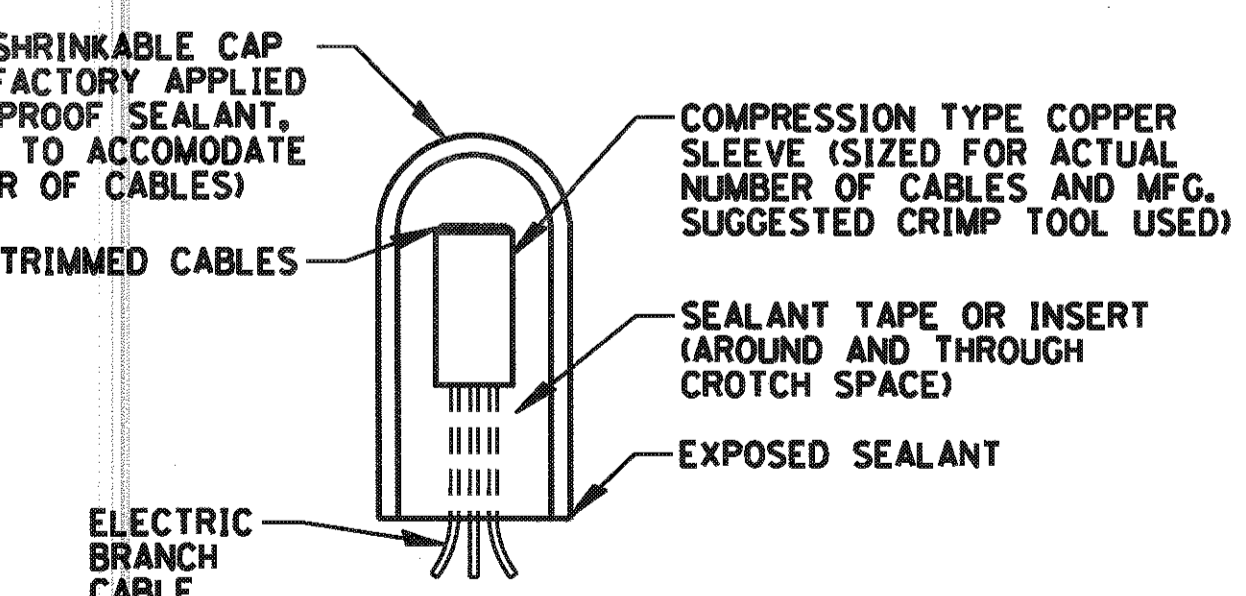
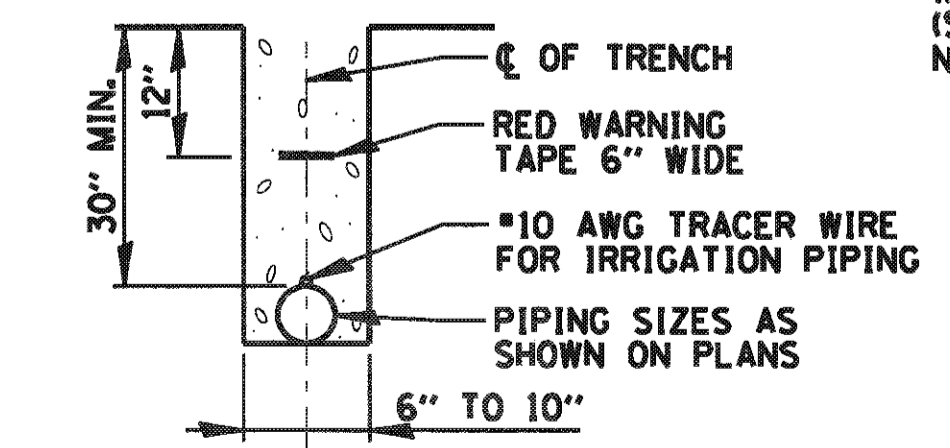
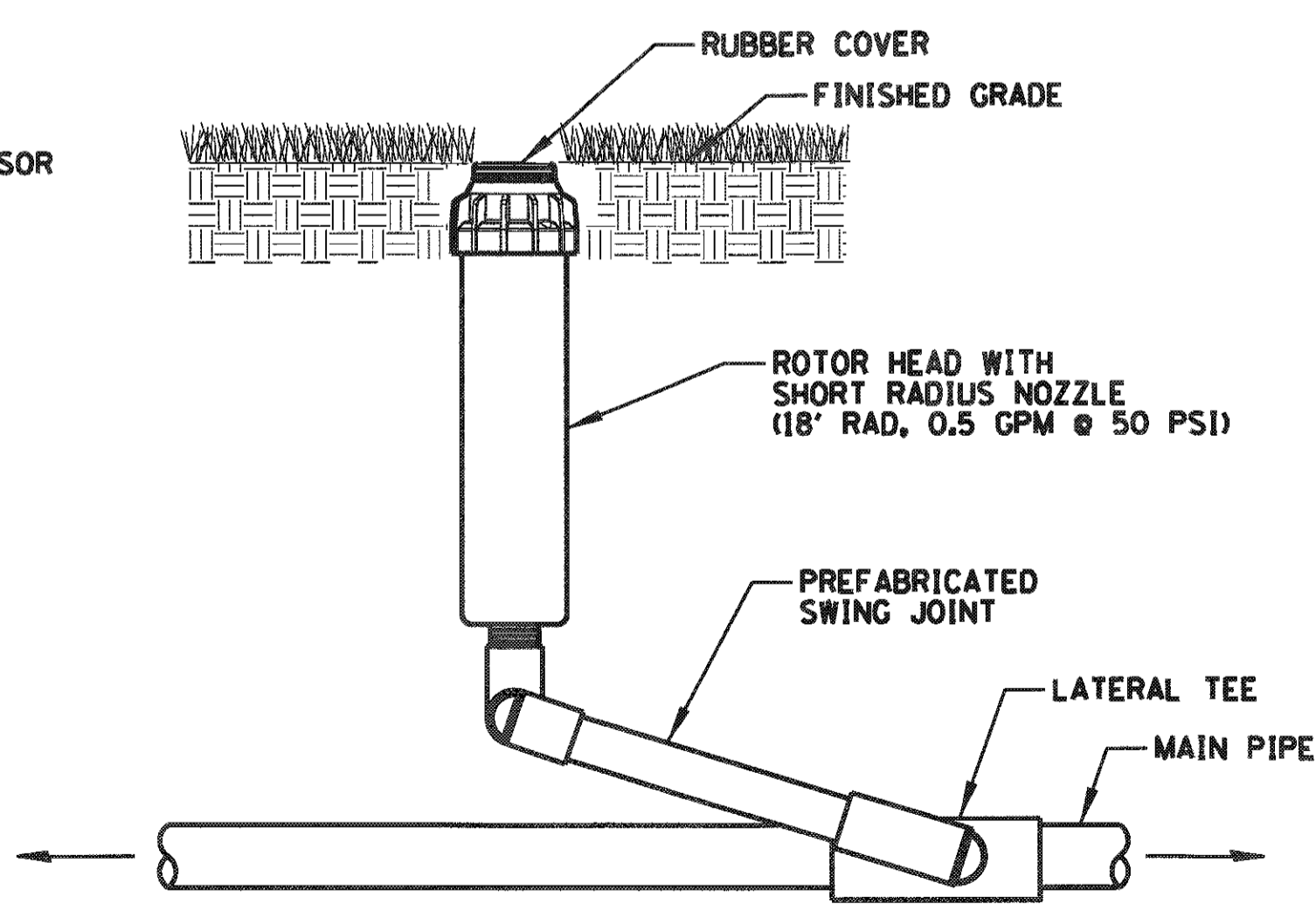
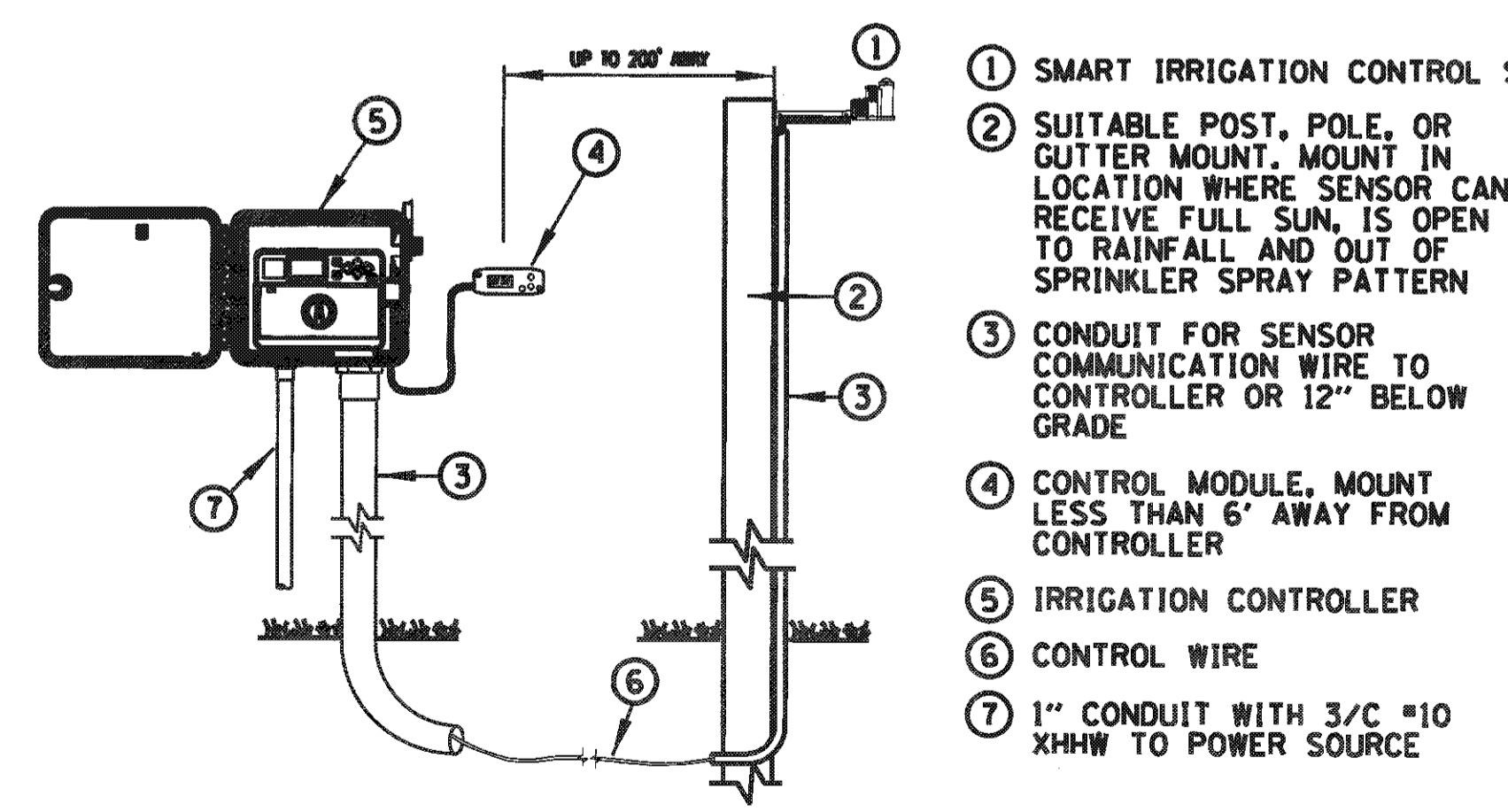
SCALE: N.T.S. SHEET 3 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 21
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

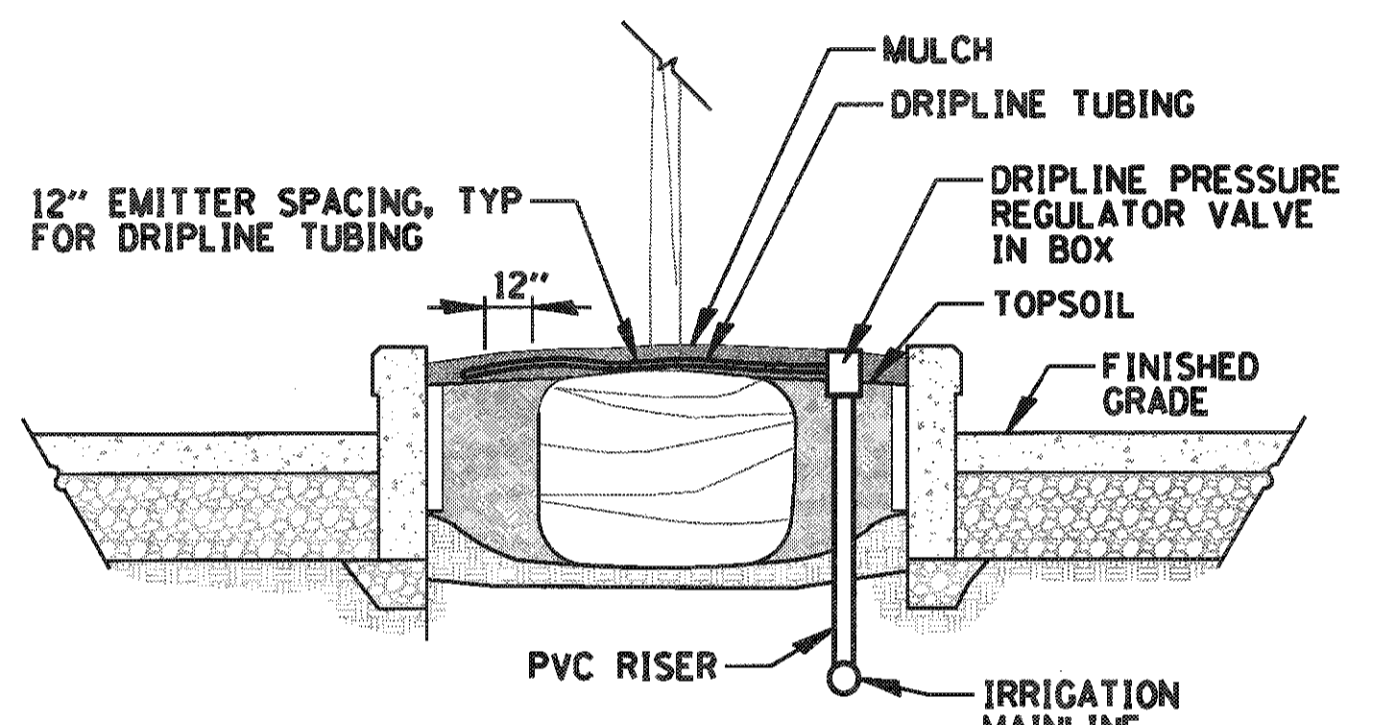


- NOTES:**
1. EXACT LOCATION OF WATER SERVICE TO BE DETERMINED BY CONTRACTOR.
 2. WATER SERVICE FITTINGS TO CONFORM TO VILLAGE'S STANDARDS.
 3. FOR D.I. WATERMAINS, PROVIDE A DIRECT SERVICE CONNECTION. FOR TAPPING PVC AND HDPE WATERMAINS PROVIDE A WIDE BAND BRASS SERVICE SADDLE.
 4. CURB STOP/CURB VALVE SHALL BE PROVIDED WITH DRAIN TO DRAIN WATER SERVICE LINE DURING WINTER MONTHS.
 5. ENCLOSURE DIMENSIONS SHOWN ARE APPROXIMATE. ENCLOSURE SHALL BE AS COMPACT AS POSSIBLE. CONTRACTOR TO COORDINATE.

ENCLOSURE	CURB STOP/METER/RPZ/SERVICE PIPE SIZE
ENC #1	2"

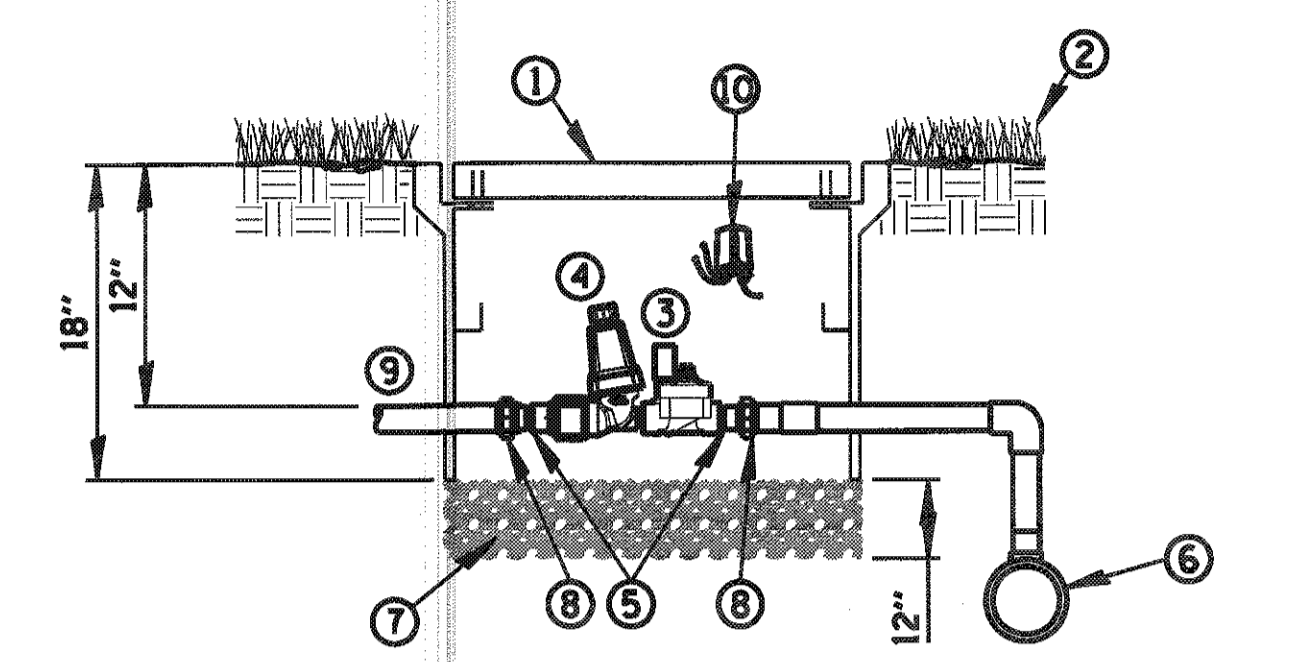


- MANUAL ISOLATION VALVE DETAIL**
N.T.S.
- 1 VALVE BOX, TIER 8 LOADING WITH BOLTED/GASKETED LID AND "IRRIGATION" LOGO. SIZE DETERMINED BY CONTRACTOR (SEE NOTE)
 - 2 FINISH GRADE
 - 3 SCH 80 T.O.E. NIPPLE
 - 4 SCH 80 NIPPLE
 - 5 MAIN LINE PIPE & FITTINGS
 - 6 BRICK SUPPORTS (4)
 - 7 FULL PORT BALL VALVE FOR 3" AND SMALLER, RESILIENT WEDGE GATE VALVE FOR 4" AND LARGER
 - 8 3/4" MINUS WASHED GRAVEL
 - 9 PVC SLIP UNIONS

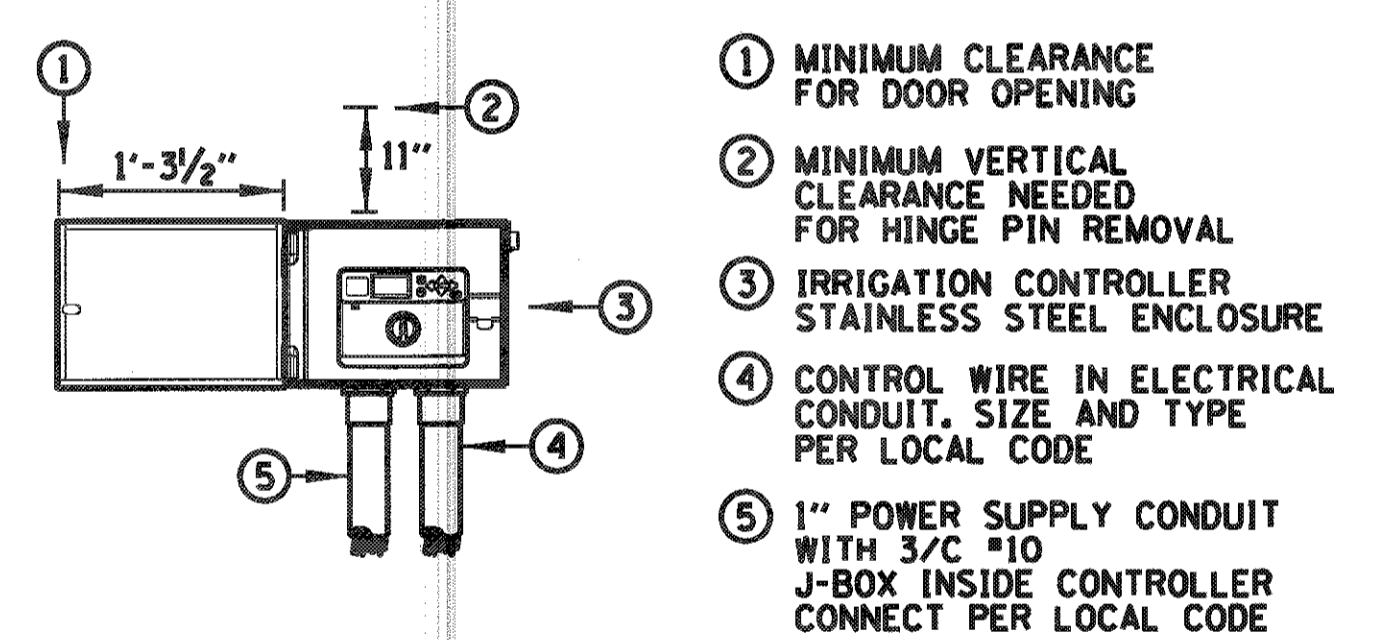


- NOTES:**
1. MULCH TO BE PLACED ON TOP OF DRIPLINE.

- VALVE BOX NOTE:**
1. VALVE BOX & LID SHALL MEET/EXCEED ANSI TIER 8 LOADING REQUIREMENTS, AND BE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI/SCTE 77 "SPECIFICATION FOR UNDERGROUND ENCLOSURE INTEGRITY", AND THE PROVISIONS OF PARAGRAPHS 5.2.3 AND 5.2.4 OF WESTERN UNDERGROUND COMMITTEE GUIDE 3.6.



- DRIPLINE CONTROL VALVE DETAIL**
N.T.S.
- 1 VALVE BOX, TIER 8 LOADING WITH BOLTED/GASKETED LID AND "IRRIGATION" LOGO. SIZE DETERMINED BY CONTRACTOR (SEE NOTE)
 - 2 FINISH GRADE
 - 3 DRIP ZONE CONTROL VALVE, GLOBE TYPE, 150 MESH SS SCREEN, 40 PSI
 - 4 FILTER, 150 MESH SS SCREEN, 40 PSI
 - 5 SCH 80 T.O.E. NIPPLE
 - 6 MAIN LINE PIPE & FITTINGS
 - 7 3/4" MINUS WASHED GRAVEL
 - 8 PVC SLIP UNIONS
 - 9 TRANSITION TO DRIP LINE TUBING
 - 10 CONTROL DECODER



- NOTES:**
1. CONTROLLER SHALL BE HARD-WIRED TO GROUNDED 110 VAC SOURCE.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
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Rosemont, Illinois 60018
(847) 823-0500

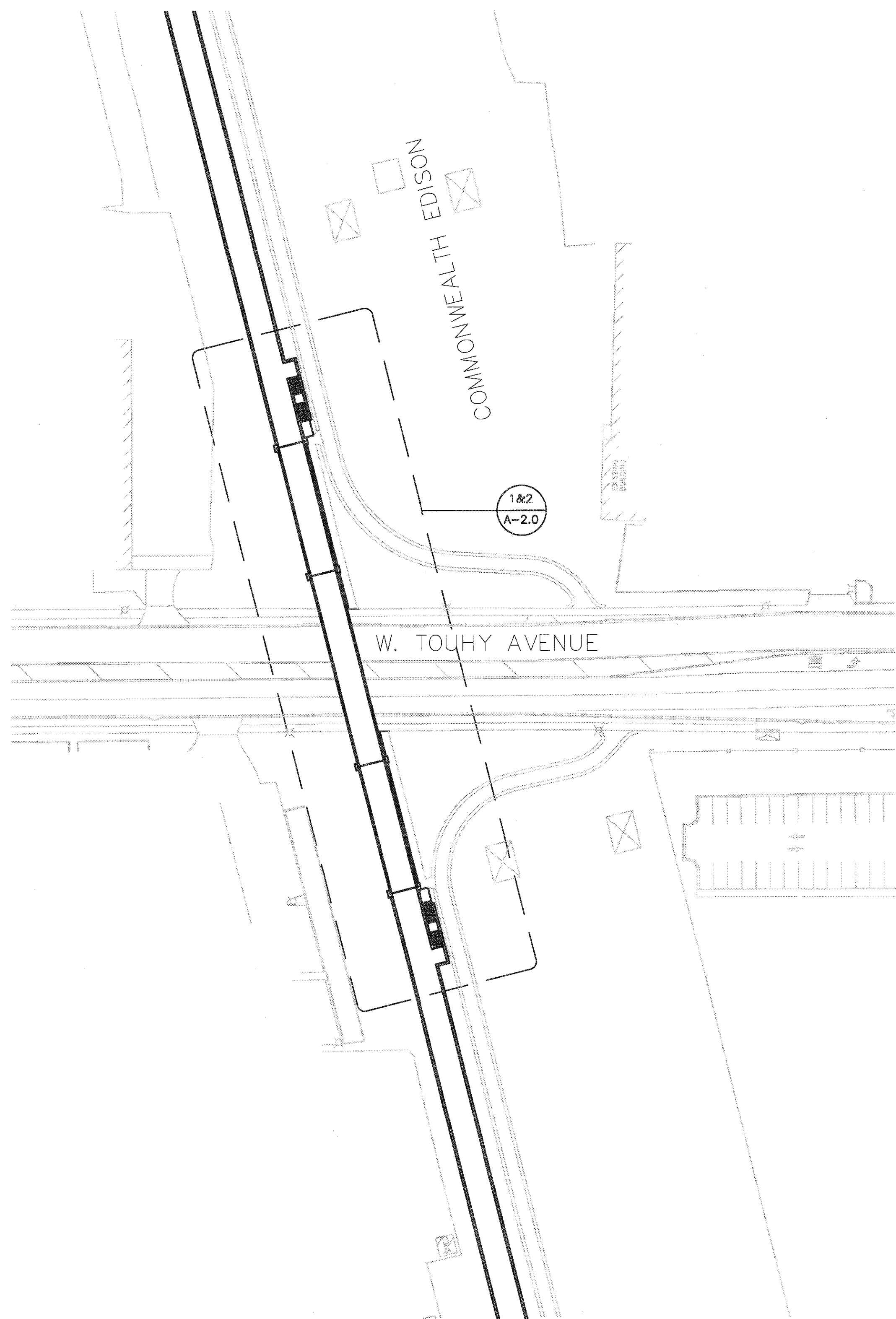
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Default	PLOT SCALE = 48"	CHECKED - JPC	REVISED -
	PLOT DATE = 5/17/2017	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
IRRIGATION DETAILS

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 23
				CONTRACT NO. 61097
ILLINOIS FED. AID PROJECT				



GENERAL NOTES:

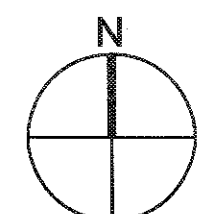
1. THE OWNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY ARISING FROM ANY UNAUTHORIZED USE OF THESE DRAWINGS, PLANS, AND NOTES. ANY AUTHORIZATION MUST BE IN WRITING. THESE DRAWINGS MAY HAVE BEEN REPRODUCED AT A SIZE DIFFERENT THAN ORIGINALLY DRAWN.
2. THE OWNER WILL NOT BE RESPONSIBLE FOR NOR WILL HAVE ANY CONTROL OVER OR CHARGE OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PHASING, OR PROCEDURES OF SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, NOR WILL BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE OWNER WILL NOT BE RESPONSIBLE FOR OR HAVE CONTROL OR CHARGE OVER THE ERRORS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, THEIR AGENTS, EMPLOYEES, OR ANY OTHER PERSON PERFORMING ANY OF THE WORK.
3. THE CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF ALL CONDITIONS THEREON. THE CONTRACTOR SHALL INVESTIGATE, VERIFY, AND BE RESPONSIBLE FOR ALL CONDITIONS OF THE PROJECT AND SHALL NOTIFY THE OWNER OF ANY CONDITIONS REQUIRING MODIFICATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND MATERIALS. NOTES REFER TO RELATED STRUCTURAL/MEP AND DETAIL DRAWINGS. THESE SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE TO BE APPLIED ON RELATED DRAWINGS AND DETAILS. WHERE DISCREPANCIES EXIST WITHIN THE CONTRACT DOCUMENTS AND/OR BETWEEN THE DRAWINGS OF VARIOUS DISCIPLINES, CONSULT THE OWNER DURING THE BID PERIOD AND PRIOR TO PROCEEDING WITH THE WORK.
4. DRAWINGS THAT REPRESENT THE EXISTING PLAN CONDITIONS ARE DIAGRAMMATICALLY SHOWN. EXACT LOCATIONS, SIZES, EXTENT, AND CONDITIONS OF EXISTING CONSTRUCTION TO BE REMOVED, RELOCATED OR TO REMAIN SHALL BE VERIFIED AT THE SITE BY THE CONTRACTOR.
5. THE CONTRACTOR MUST PROVIDE ALL REQUIRED PERMITS. THE CONTRACTOR WILL PERFORM ALL WORK IN ACCORDANCE WITH THE LATEST EDITION OF AASHTO AND ALL APPLICABLE COUNTY, STATE, AND FEDERAL LAWS, CODES, ORDINANCES, AND REGULATIONS BY MUNICIPAL AUTHORITIES HAVING JURISDICTION, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND REGULATIONS ADOPTED PURSUANT THERETO, STATE OF ILLINOIS ACCESSIBILITY STANDARDS AND ADA GUIDELINES.
6. THE CONTRACTOR MUST BE RESPONSIBLE FOR PROVIDING ALL REQUIRED BLOCKING, SUPPORTS, AND BRACING REQUIRED TO ACHIEVE SPECIFIED REQUIREMENTS AND STANDARDS WHETHER SPECIFICALLY INDICATED OR NOT. FIRE RETARDANT BLOCKING MUST BE PROVIDED.
7. ALL NEW GUARDRAILS AND HANDRAILS MUST MEET OSHA, NIOSH, AND ADA GUIDELINES, 200 PSF LIVE LOAD SAFETY CODE REQUIREMENTS, AASHTO, AND INTERNATIONAL BUILDING CODE SIMULTANEOUS HORIZONTAL AND VERTICAL HANDRAIL REQUIREMENTS.
8. ALL DISSIMILAR METALS MUST BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC ACTION.
9. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED FOR THE WORK. CONDITIONS NOT COVERED BY SPECIFIC DETAILS ARE SIMILAR IN CHARACTER AND QUALITY TO THOSE DETAILS AND MUST MEET SPECIFIED DESIGN CRITERIA.
10. DETAILS SHOWN MAY NOT NECESSARILY GRAPHICALLY REPRESENT ALL COMPONENTS NECESSARY TO COMPLETE THE TOTAL SYSTEM. THE CONTRACTOR MUST BE RESPONSIBLE TO COORDINATE ALL OF THE REQUIREMENTS SHOWN ON THE DRAWINGS WITH THOSE STATED IN THE APPLICABLE SPECIFICATIONS AND PROJECT NOTES TO PROVIDE A COMPLETE SYSTEM.
11. PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL AND ELECTRICAL EQUIPMENT.
12. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN: WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE OWNER BEFORE PROCEEDING WITH WORK.
13. REFER TO THE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION AND COORDINATION OF THE WORK. IN THE EVENT OF DISCREPANCIES BETWEEN DRAWINGS OR DRAWINGS AND SPECIFICATIONS, CONSULT THE OWNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
14. THE CONTRACTOR MUST BE SOLELY RESPONSIBLE FOR QUALITY CONTROL, INCLUDING CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PHASING, PROCEDURES, SAFETY PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK.

15. THE CONTRACTOR MUST BE RESPONSIBLE FOR COORDINATION WITH THE ENGINEER REGARDING ALL NEW AND/OR REMEDIAL CONSTRUCTION INCLUDING BUT NOT LIMITED TO SIGNAL WORK, COMMUNICATIONS, ETC. THAT THE OWNER MAY HAVE IN PROGRESS WITHIN THE SAME PERIOD.
16. THE CONTRACTOR MUST COORDINATE AND CONFIRM WITH ENGINEER THE HOURS OF CONSTRUCTION FOR THE ENTIRE SCHEDULE OF CONSTRUCTION.
17. THE CONTRACTOR MUST BE RESPONSIBLE FOR COORDINATION WITH WORK NOTED "(N.I.C.)", IF ANY, WHICH IS BEING PERFORMED UNDER SEPARATE CONTRACT WHERE IT INTERFACES WITH OR AFFECTS WORK UNDER THIS CONTRACT.
18. THE CONTRACTOR MUST BE RESPONSIBLE FOR SECURING THE JOB SITE AND THE PROTECTION OF THE GENERAL PUBLIC FROM ALL POSSIBLE HAZARDS OF THE ENTIRE CONSTRUCTION SITE.
19. FINISH ELEVATIONS NOTED ARE BASED ON U.S.G.S., UNLESS NOTED OTHERWISE. FINISH FLOOR ELEVATIONS INDICATED ON THE DRAWINGS ARE DERIVED FROM INFORMATION PROVIDED BY THE OWNER AND CONSULTANT SURVEY. THE FINAL ELEVATIONS FOR ALL ELEMENTS OF THE PROJECT ARE DEPENDENT UPON EXISTING CONDITIONS "AS BUILT" AT THE TIME OF DRAWING OPERATIONS. CONTRACTOR MUST ALLOW FOR AND CONFIRM FINAL ELEVATIONS WITH THE OWNER BEFORE PROCEEDING WITH THE WORK.
20. THE GENERAL CONTRACTOR AND/OR TRADE CONTRACTOR MUST PROTECT ALL EXISTING SITE ELEMENTS FROM DAMAGE DUE TO ALTERATIONS AND CONSTRUCTION OPERATIONS, AND REPAIR OR REPLACE ELEMENTS DAMAGED DURING THIS PROJECT AT HIS/HER OWN EXPENSE.
21. DRAWINGS ARE TO BE ISSUED TO THE SUBCONTRACTORS BY THE CONTRACTOR IN COMPLETE SETS SO THAT THE EXTENT AND COORDINATION OF WORK IS MADE POSSIBLE.
22. THE CONTRACTOR MUST BE SOLELY RESPONSIBLE FOR THE ACCURATE PLACEMENT AND CONDITIONS OF THE WORK.

DIMENSION NOTES:

1. ALL DIMENSIONS ARE FACE OF PARTITIONS, COLUMN CENTERLINE, OR FINISHED FACE OF EXTERIOR WALL UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH ANY WORK. THE OWNER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR CORRECTIONS. DIMENSIONS OF NEW WORK ARE BASED ON RECORD DRAWINGS OF EXISTING WORK. ANY DISCREPANCIES IN EXISTING WORK WILL AFFECT NEW WORK DIMENSIONS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.
3. ALL DIMENSIONS, ELEVATIONS, REPRESENTATIONS OF THE SITE, EXISTING CONDITIONS, AND AS-BUILT DRAWINGS ARE BASED ON INFORMATION OBTAINED FROM OWNER AND THE PROJECT SURVEY. THIS INFORMATION IS AVAILABLE FOR THE CONTRACTOR'S CONVENIENCE AND INFORMATION ONLY. THE REFERENCED DOCUMENTS ARE ASSUMED TO BE REASONABLY ACCURATE. HOWEVER, SOME VARIATIONS BETWEEN DRAWINGS AND FIELD CONDITIONS MUST BE ANTICIPATED AND ALLOWED FOR.
4. IT IS IMPERATIVE THAT THE CONTRACTOR FULLY FAMILIARIZE ITSELF WITH ALL EXISTING SITE CONDITIONS, SURVEYS, AND REPORTS. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN OR DESCRIBED TO BE EXISTING BY ITS OWN FIELD SURVEY PRIOR TO THE START OF SHOP DRAWINGS PREPARATION, FABRICATION, OR SITE CONSTRUCTION. NOTIFY THE OWNER OF DISCREPANCIES IN WRITING BEFORE PROCEEDING WITH WORK.
5. THE EXISTING CONDITION SURVEY INFORMATION IS AVAILABLE "FOR INFORMATION ONLY". THE CONTRACTOR MUST CONDUCT ITS OWN FIELD SURVEY TO ESTABLISH EXISTING DIMENSIONAL PARAMETERS AS RELATED TO THE DESIGN BEFORE PROCEEDING WITH THE WORK. NOTIFY THE OWNER IN WRITING OF DISCREPANCIES WHICH WILL AFFECT EXECUTION OF THE DESIGN AS SHOWN.

1 ARCHITECTURAL SITE PLAN
SCALE 1" = 50'-0"



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PLOT DATE =	DATE — 05.08.17	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
ARCHITECTURAL SITE PLAN

SCALE: 1"=50' SHEET 1 OF 12 SHEETS STA.

G-1.0	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1340	12-00059-00-BR	COOK	93	24
CONTRACT NO. 61D97					
ILLINOIS FED. AID PROJECT					

ARCHITECTURAL ABBREVIATIONS

ADA	AMERICAN WITH DISABILITIES ACT	GA	GAUGE	PD	PLANTER DRAIN
AFF	ABOVE FINISHED FLOOR	GALV	GALVANIZED	PJF	PREMOLDED JOINT FILLER
ACT	ACOUSTICAL TILE	GC	GENERAL CONTRACTOR	PL	PLATE
ADJ	ADJACENT	GFCMU	GROUND FACE CONCRETE	P	PLASTIC
A/C	AIR CONDITIONING	GFI	MASONRY UNIT GROUND FAULT INTERRUPTER	PLBG	PLUMBING
ALUM	ALUMINUM	GL	GLASS, GLAZING	PLYWD	PLYWOOD
APPROX	APPROXIMATE(LY)	GLCMU	GLAZED CONCRETE MASONRY UNIT	FORC	PORCELAIN TILE
				PR	PAIR
				PREFAB	PREFABRICATE(D)
BM	BEAM	GYP	GYPSUM	PT	POINT
BTWN	BETWEEN	GWB	GYPSUM WALL BOARD	PTD	PAINTED
BIT	BITUMINOUS			PVC	POLYVINYL CHLORIDE
BLKG	BLOCKING	HB	HOSE BIB	PVMT	PAVEMENT
B/	BOTTOM OF	HBG	HIGH BARRIER GATE		
BLDG	BUILDING	HC	HOLLOW CORE	QT	QUARRY TILE
		HDWD	HARDWOOD		
		HGT	HEIGHT	R	RISER
		HM	HOLLOW METAL	RD	ROOF DRAIN
CAB	CABINET	HORIZ	HORIZONTAL	REINF	REINFORCE(D)(ING)
CI	CAST IRON	HP	HIGH POINT	REQ'D	REQUIRED
CIP	CAST IN PLACE	HDRW	HARDWARE	RET	RETURN
CB	CATCH BASIN	HW	HOT WATER	RH	RIGHT HAND
CLG	CEILING	HWH	HOT WATER HEATER	RM	ROOM
CJ	CONTROL JOINT			RO	ROUGH OPENING
C	CENTERLINE	ID	INSIDE DIAMETER		
CT	CERAMIC TILE	IN	INCH(ES)	SAN	SANITARY
CLOS	CLOSET	INCL	INCLUDE(D)(ING)	SC	SILL COCK
CLR	CLEAR(ANCE)	INFO	INFORMATION	SCHED	SCHEDULE
CMU	CONCRETE MASONRY UNIT	INSUL	INSULATION	SCWD	SOLID CORE WOOD DOOR
CO	CLEAN OUT	INT	INTERIOR, INTERNAL	SCONC	SEALED CONCRETE
COL	COLUMN	J.C.	JANITOR'S CLOSET	SD	SITE DRAIN
CONC	CONCRETE	JST	JOIST	SFCMU	SPLIT FACE CONCRETE MASONRY UNIT
CONST	CONSTRUCTION	JT	JOINT	SGFT	STRUCTURAL GLAZED FACING TILE
GONT	CONTINUOUS	KS	KITCHEN SINK	SH	SHOWER
CORR	CORRIDOR	LAM	LAMINATE(D)	SHT	SHEET
CPT	CARPET	LAV	LAVATORY	SIM	SIMILAR
CRS	COURSE(S)	LB(S)	POUND(S)	SQ	SQUARE
CW	COLD WATER	LF	LINEAR FEET	STGT	STRUCTURAL GLAZED TILE
		LH	LEFT HAND	STL	STEEL
CO	CLEAN OUT	LLH	LONG LEG HORIZONTAL	ST STL	STAINLESS STEEL
		LLV	LONG LEG VERTICAL	SUSP	SUSPENDED
DIA	DIAMETER	LP	LOW POINT	T	TREAD
DIM	DIMENSION	LTL	LINTEL	T/	TOP OF
DBL	DOUBLE	MAT	MATERIAL(S)	T & B	TOP AND BOTTOM
DN	DOWN	MAX	MAXIMUM	T & G	TONGUE AND GROOVE
DF	DRINKING FOUNTAIN	MECH	MECHANICAL	TD	TRENCH DRAIN
DWG	DRAWING	MEZZ	MEZZANINE	TEL	TELEPHONE
		MFR	MANUFACTURE(R)(D)	TERR	TERRAZZO
EA	EACH	MH	MANHOLE	TYP	TYPICAL
EJ	EXPANSION JOINT	MIN	MINIMUM	UNEX	UNEXCAVATED
EL	ELEVATION	MISC	MISCELLANEOUS	UNFIN	UNFINISHED
ELEC	ELECTRICAL	MO	MASONRY OPENING	UNO	UNLESS NOTED OTHERWISE
ENCL	ENCLOSURE	MSE	MECHANICALLY STABILIZED EARTH	UR	URINAL
EC	END CABINET	MTG	MOUNTING		
ENTR	ENTRANCE	MTL	METAL		
EQ	EQUAL	NIC	NOT IN CONTRACT NUMBER	VERT	VERTICAL
EQPT	EQUIPMENT	NO	NUMBER	VIF	VERIFY IN FIELD
EWC	ELECTRIC WATER COOLER	NOM	NOMINAL	VTR	VENT THROUGH ROOF
EXH	EXHAUST	NTS	NOT TO SCALE		
EXIST	EXISTING	OC	ON CENTER	W/	WITH
EXP	EXPOSED	OD	OUTSIDE DIAMETER	WC	WATER CLOSET
EXT	EXTERIOR	OPNG	OPENING	WD	WOOD
EP	EPOXY PAINT	OH	OPPOSITE HAND	WH	WALL HUNG
				WM	WIRE MESH
FD	FLOOR DRAIN			WP	WATERPROOF(ING)
FDN	FOUNDATION			WPT	WORKING POINT
FIN	FINISH(ED)			WR	WATER RESISTANT
FF	FINISHED FLOOR			WT	WEIGHT
FLR	FLOOR			WWF	WELDED WIRE FABRIC
FLUOR	FLUORESCENT				
FT	FEET, FOOT				
FTG	FOOTING				

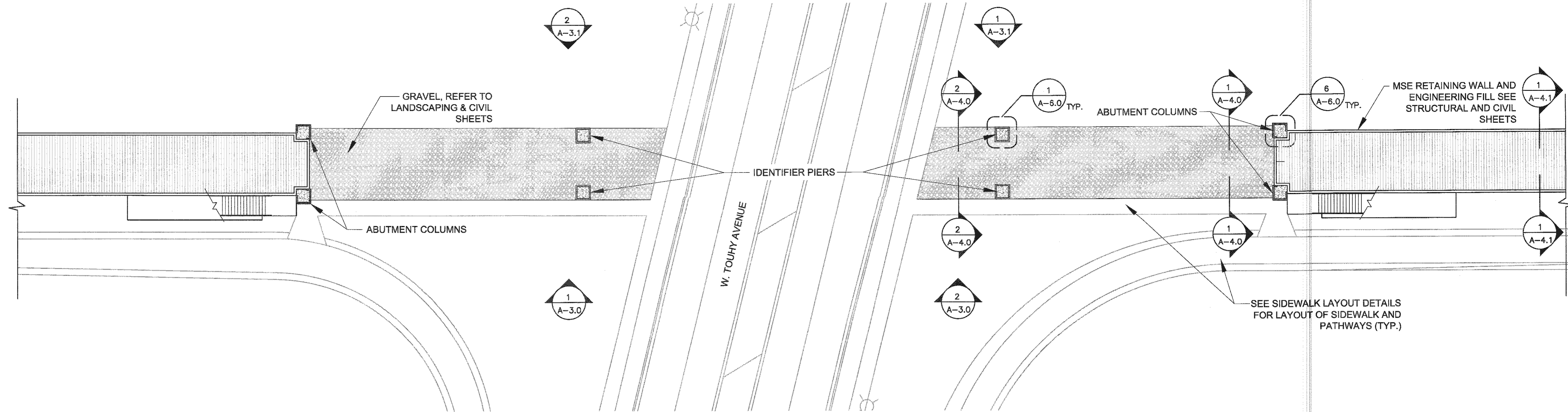
NOTE: SEE IDOT STANDARD 00001-06 FOR ADDITIONAL ABBREVIATIONS AND SYMBOLS NOT LISTED

ARCHITECTURAL TARGET LEGEND

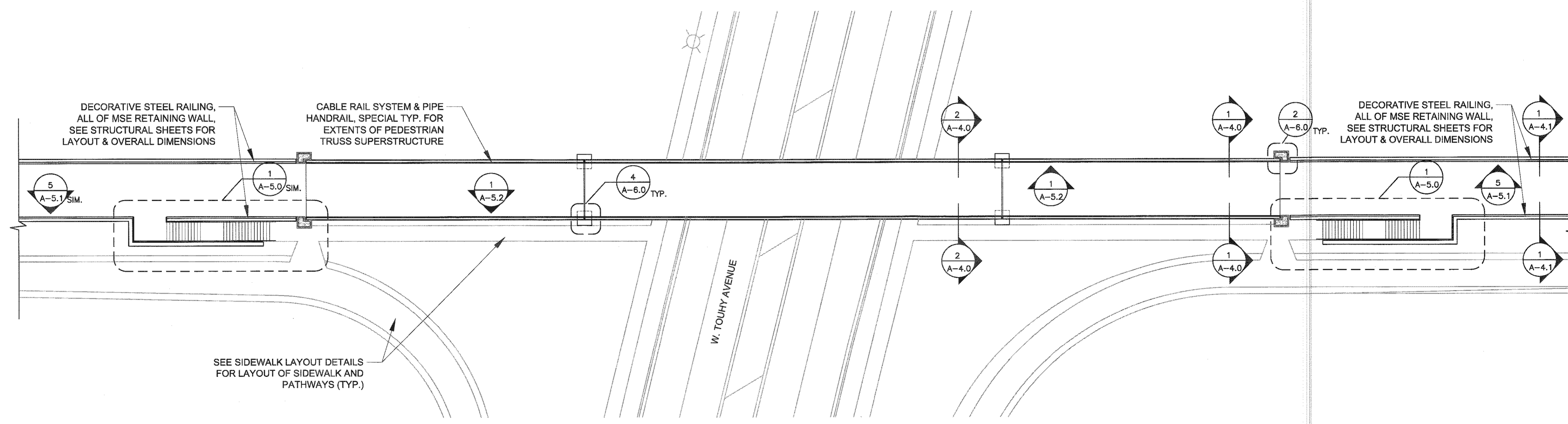
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	DETAIL NUMBER	BUILDING SECTIONS
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	DETAIL NUMBER	WALL/DETAIL SECTIONS
	SHEET NUMBER	WALL/DETAIL SECTIONS
	SECTION NUMBER	WALL/DETAIL SECTIONS
	SHEET NUMBER	WALL/DETAIL SECTIONS
	DETAIL NUMBER	ENLARGED PLAN/SECTION/ELEVATION
	SHEET NUMBER	ENLARGED PLAN/SECTION/ELEVATION
	ELEVATION NUMBER	INTERIOR ELEVATIONS
	SHEET NUMBER	INTERIOR ELEVATIONS
	COLUMN NUMBER	COLUMN INDICATORS
	PARTITION TYPE	PARTITION TARGET
	ROOM NAME	ROOM TARGET
	ROOM NUMBER	ROOM TARGET
	LOCATION AND ELEVATION	ELEVATION MARK
	REVISION NUMBER	REVISION MARK
	ACCESSORY NUMBER	PLUMBING MARK

ARCHITECTURAL MATERIAL LEGEND

	SEALANT
	CONCRETE
	CONCRETE BLOCK
	BRICK
	CAST STONE
	EARTH
	GRAVEL
	MORTAR NET
	PREMOLDED FILLER
	ALUMINUM
	STEEL
	STEEL - SMALL SCALE
	PLYWOOD



1 BRIDGE PLAN: GRADE LEVEL
SCALE 1" = 16'-0"



2 BRIDGE PLAN: DECK LEVEL
SCALE 1" = 16'-0"

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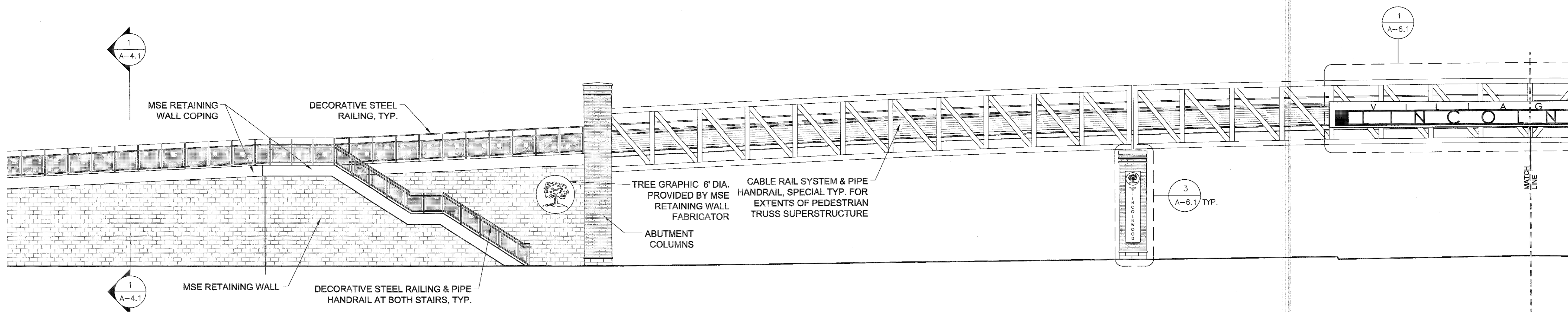
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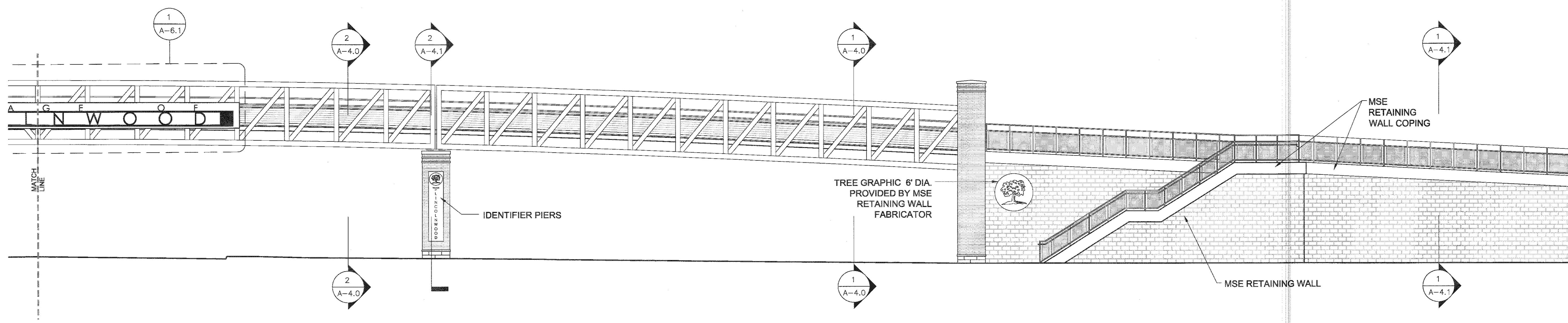
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
PLAN**

SCALE: 1"=20' SHEET 3 OF 12 SHEETS STA.

A-2.0	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1340	12-00059-00-BR	COOK	93	26
CONTRACT NO. 61D97					
ILLINOIS FED. AID PROJECT					



1 EAST ELEVATION
SCALE 1/8" = 1'-0"



2 EAST ELEVATION
SCALE 1/8" = 1'-0"

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PLOT DATE =	DATE - 05.08.17	REVISED -

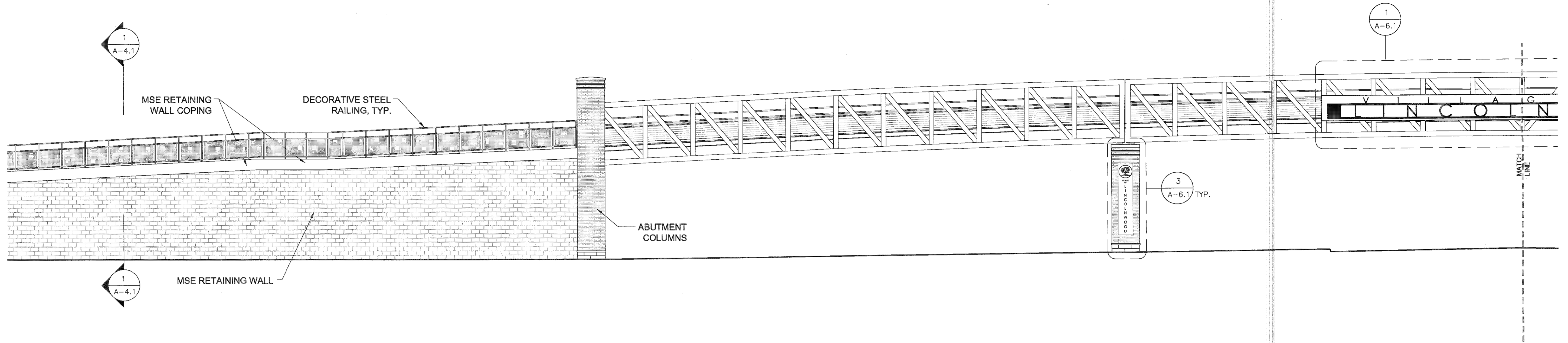
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DEPARTMENT OF TRANSPORTATION

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
ELEVATION EAST**

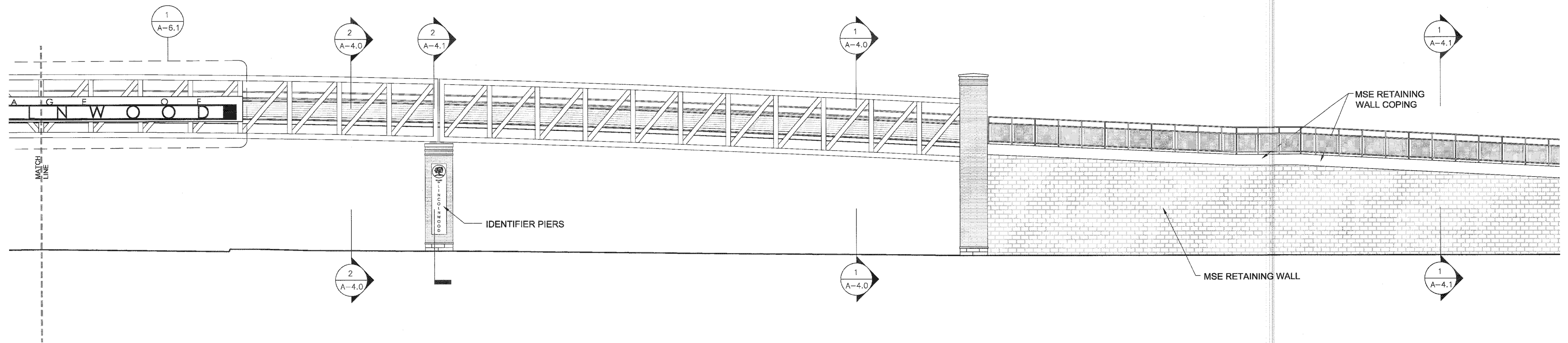
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A-3.0

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	27
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



1 WEST ELEVATION
SCALE 1/8" = 1'-0"



2 WEST ELEVATION
SCALE 1/8" = 1'-0"

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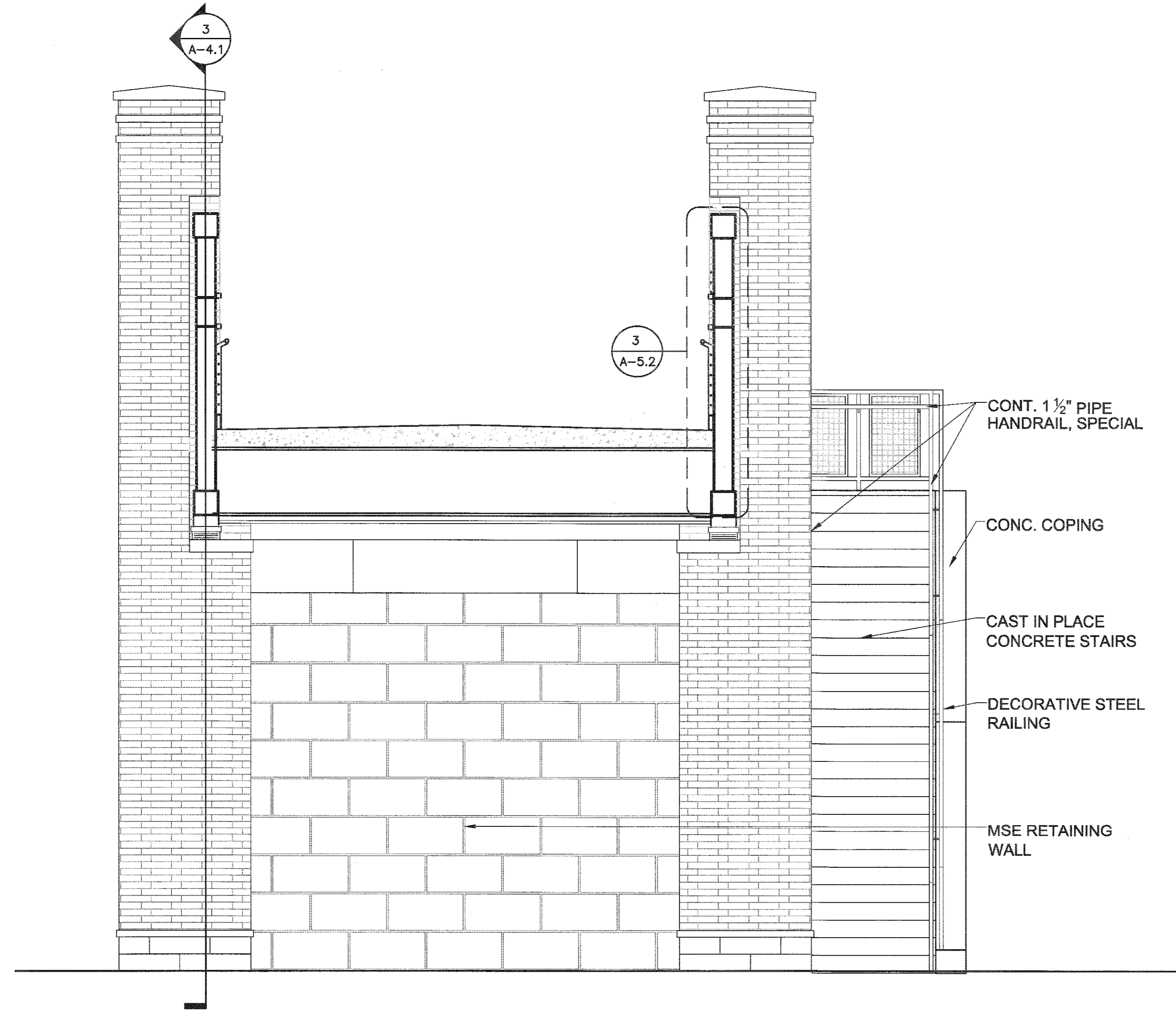
STATE OF ILLINOIS
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LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
ELEVATION WEST

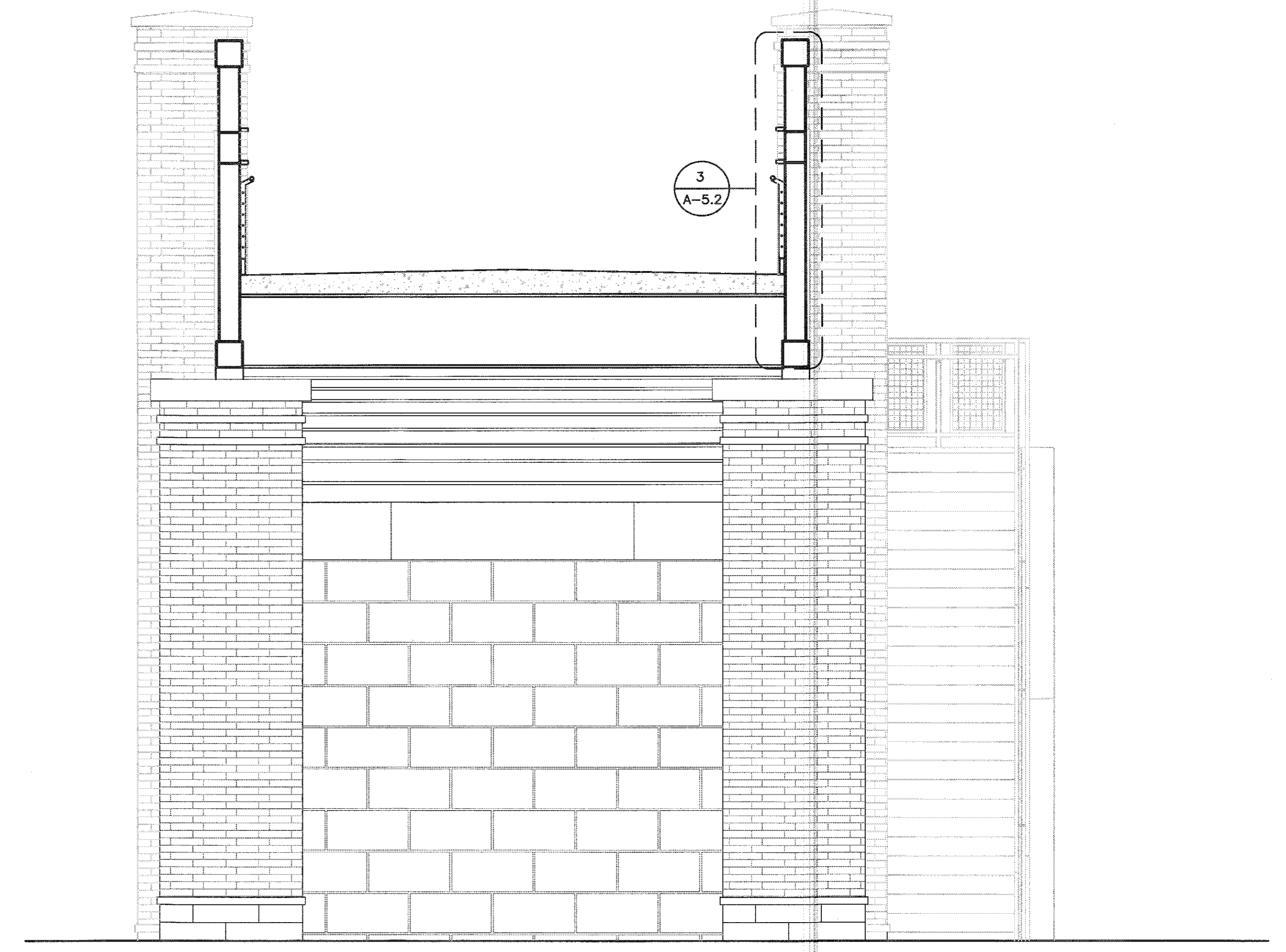
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A-3.1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

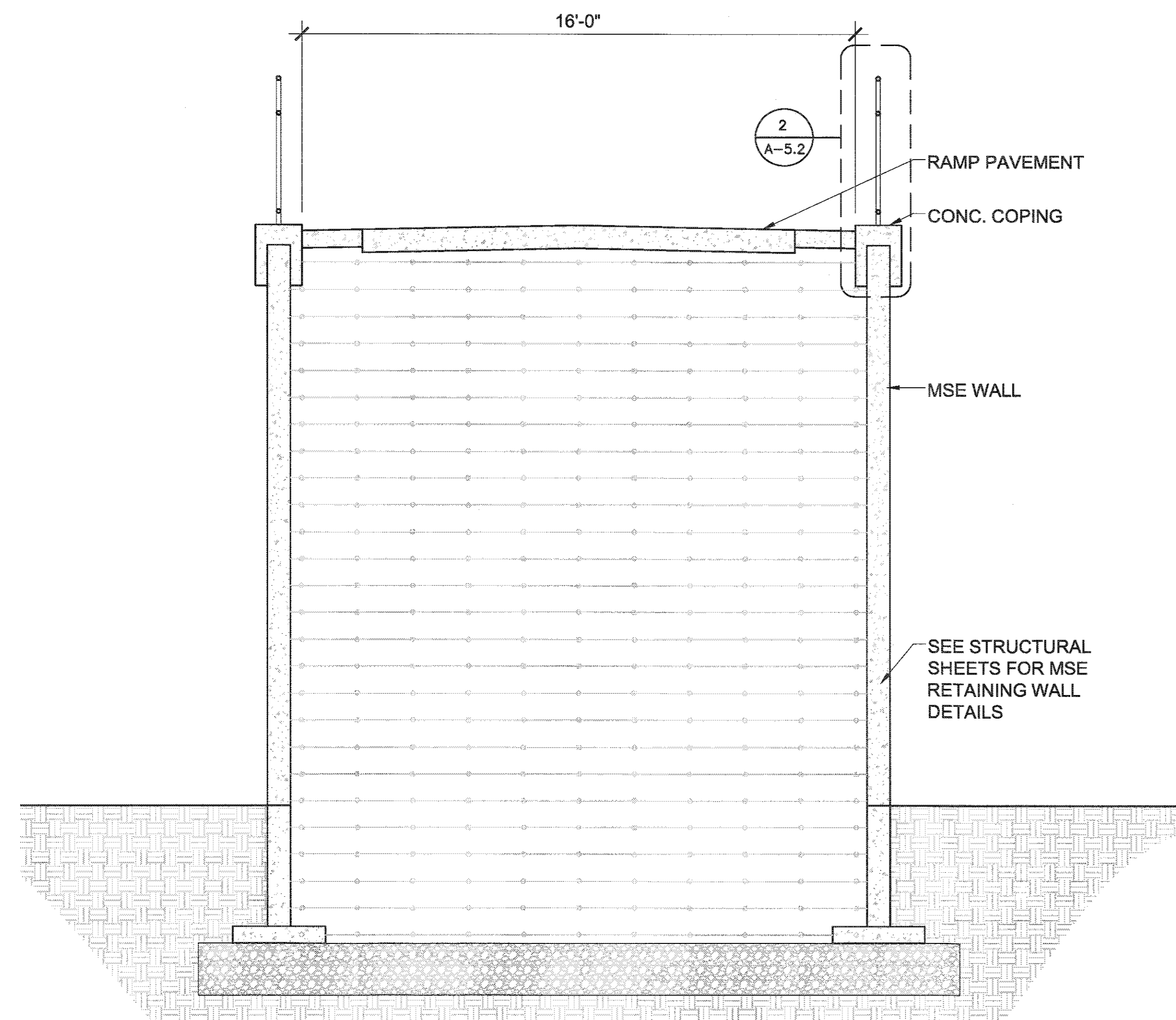


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SCALE 3/8" = 1'-0"

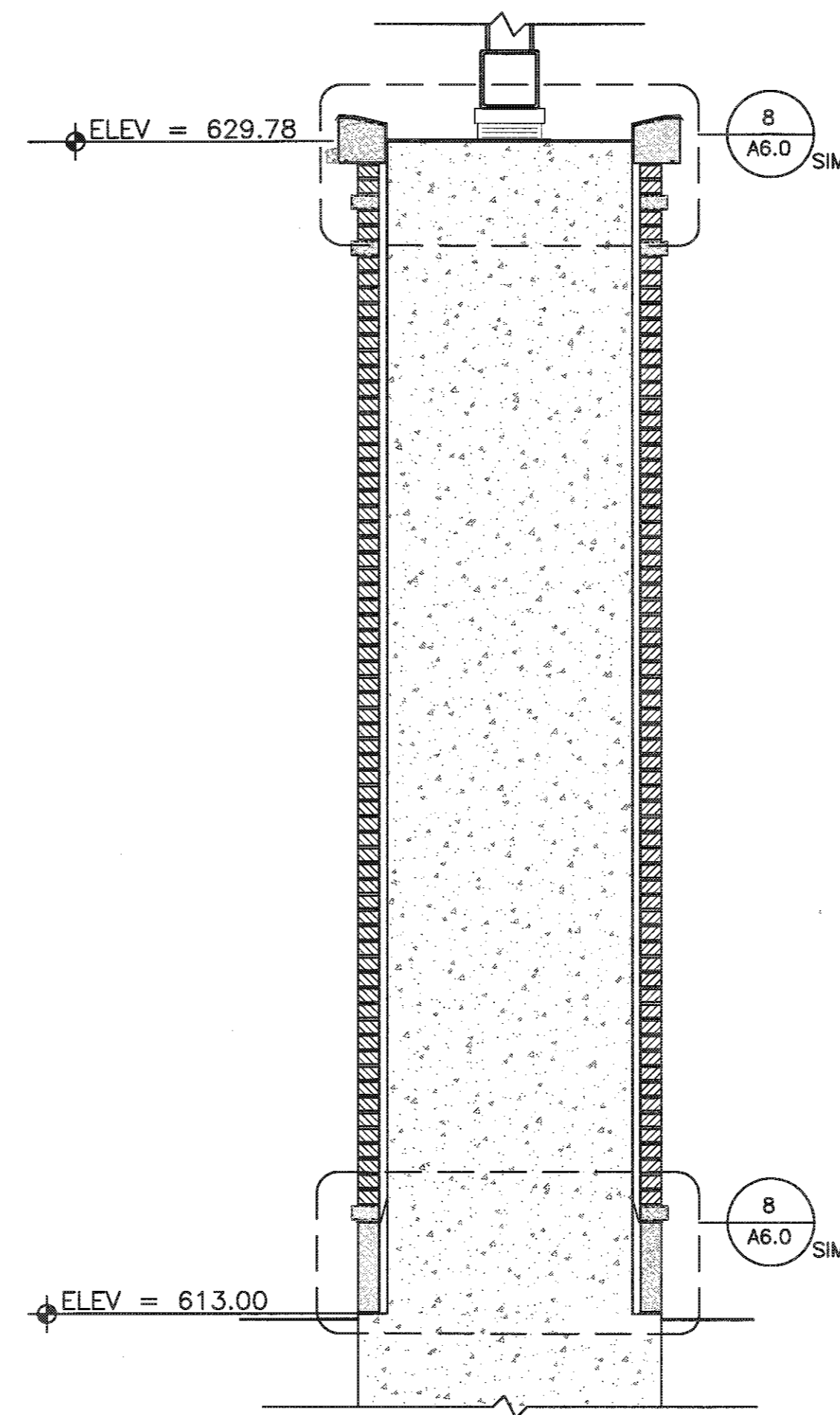


2 PIER SECTION ELEVATION
SCALE 3/8" = 1'-0"

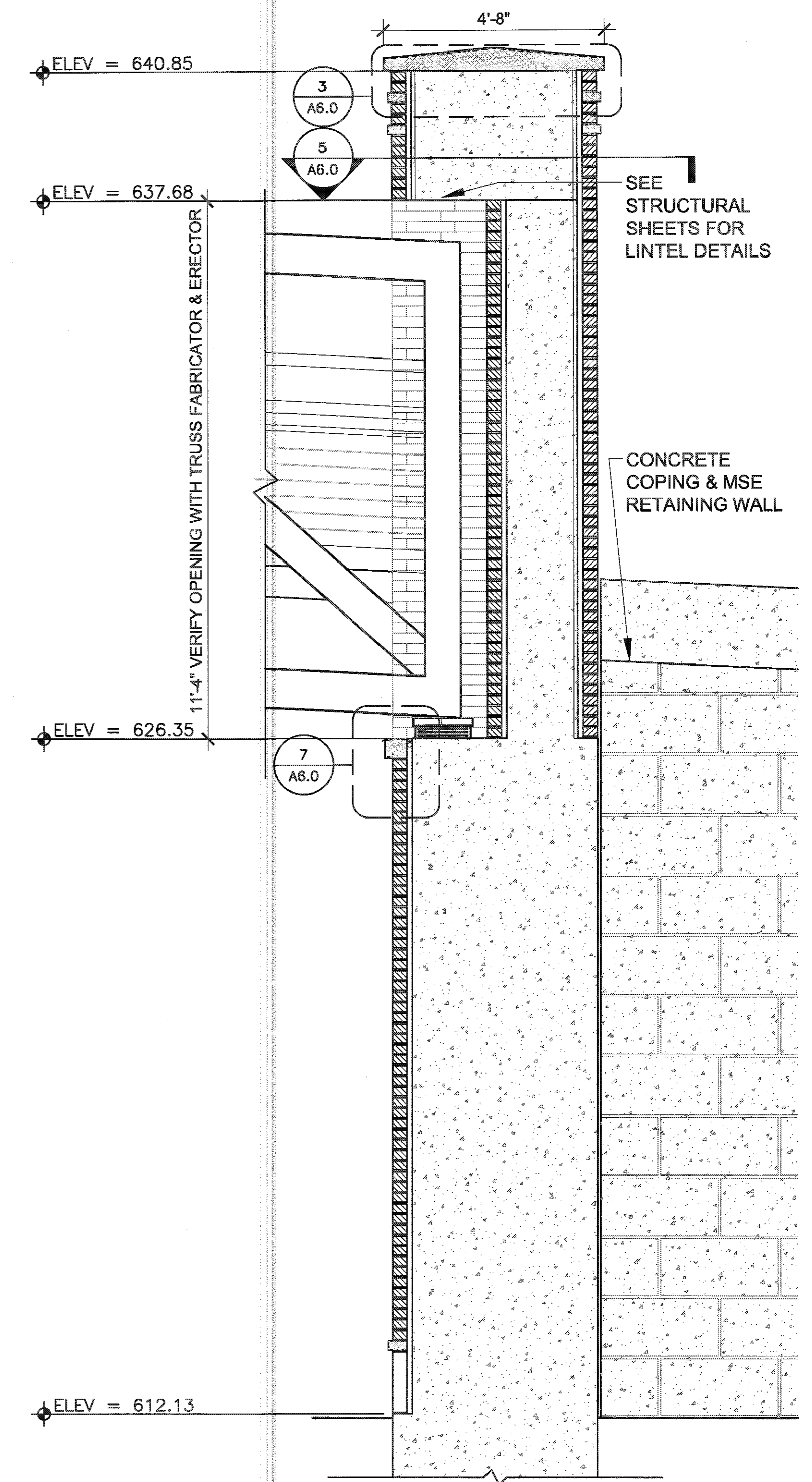
MULLER+MULLER <small>architects</small> <small>700 N BANGS AVE CHICAGO, IL 60642</small> <small>T: 312.432.4190 F: 312.432.4184</small>	USER NAME =	DESIGNED — D.S.	REVISED —	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINCOLNWOOD VALLEY LINE TRAIL OVERPASS SECTIONS	A-4.0	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN — E.G.	REVISED —				1340	12-00059-00-BR	COOK	93	29
	PLOT DATE =	CHECKED — E.F.	REVISED —				CONTRACT NO. 61097				
		DATE — 05.08.17	REVISED —				ILLINOIS FED. AID PROJECT				
SCALE: 1/8"=1'-0" SHEET 6 OF 12 SHEETS STA.											



1 APPROACH SECTION ELEVATION
SCALE 3/8" = 1'-0"



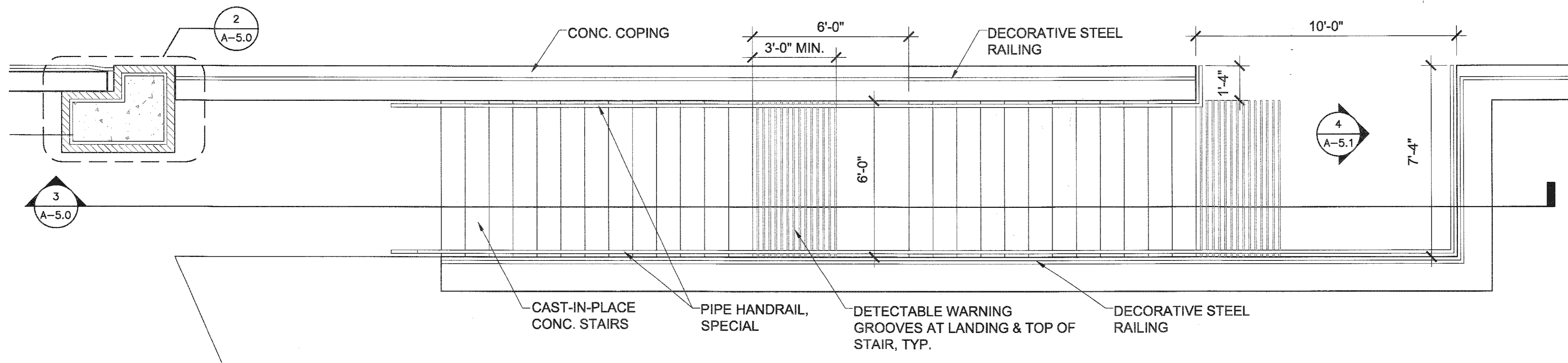
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SCALE 3/4" = 1'-0"



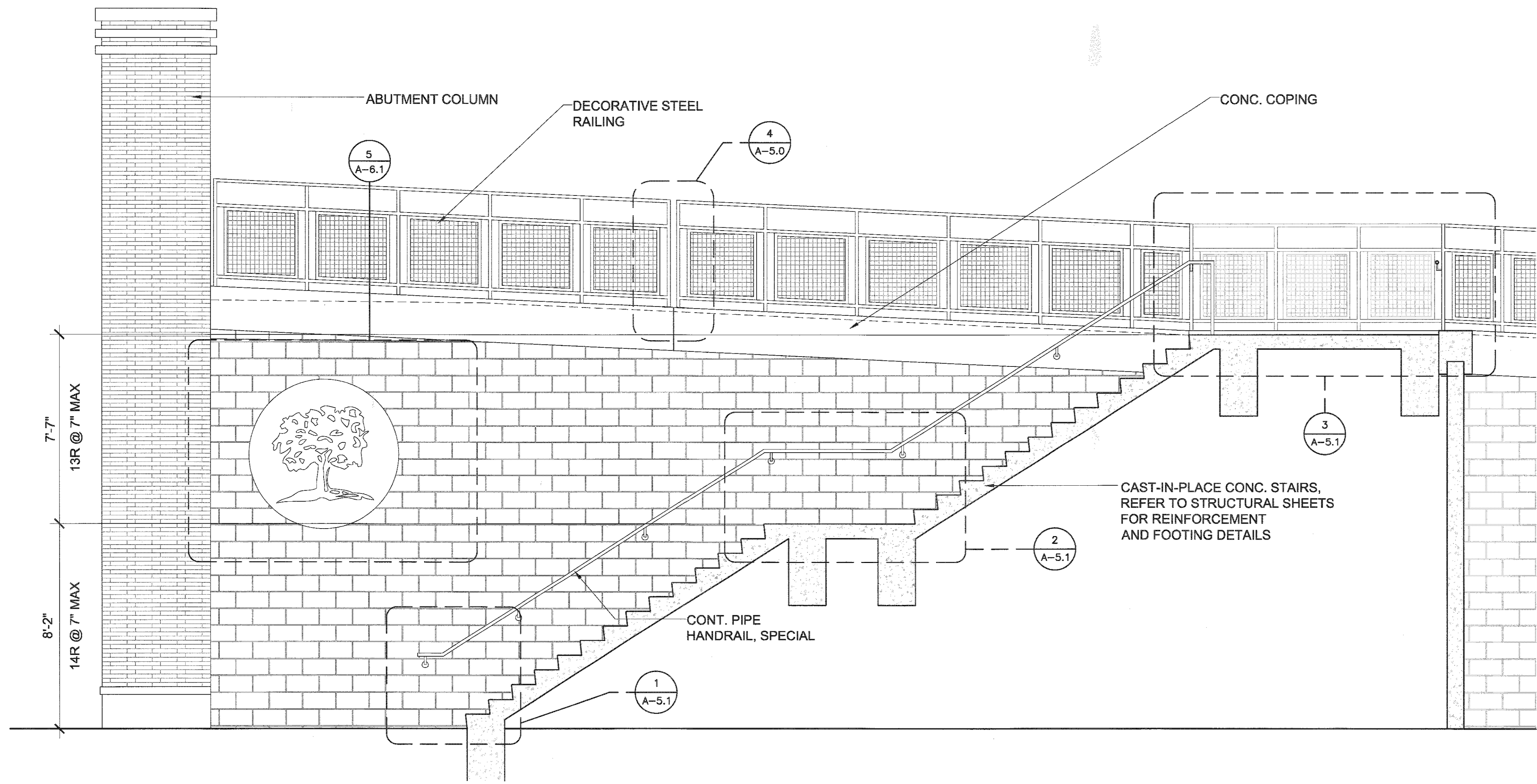
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SCALE 3/4" = 1'-0"

USER NAME =	DESIGNED - D.S.	REVISED -
	DRAWN - E.G.	REVISED -
PLOT SCALE =	CHECKED - E.F.	REVISED -
PLOT DATE =	DATE - 05.08.17	REVISED -

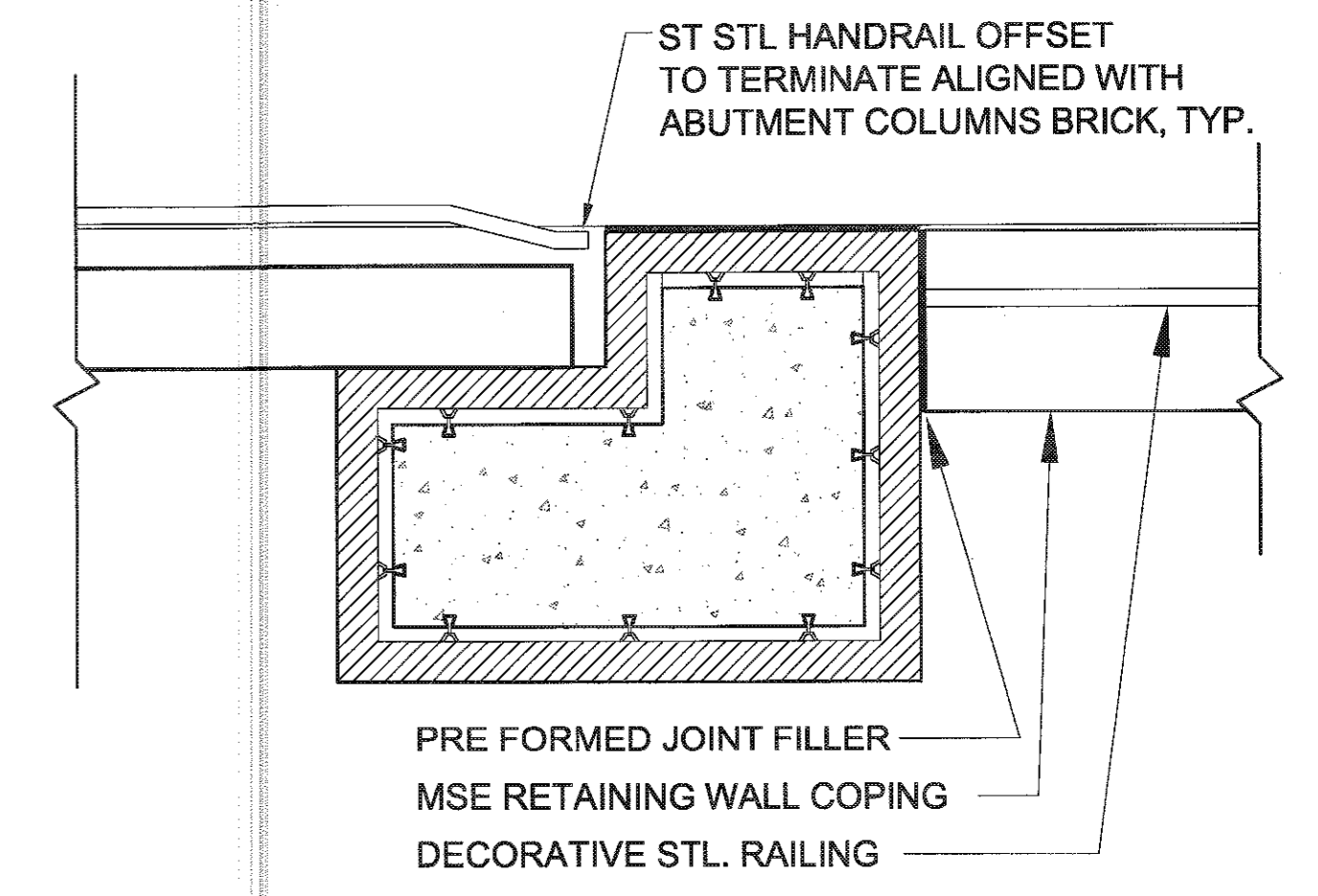
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	30
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



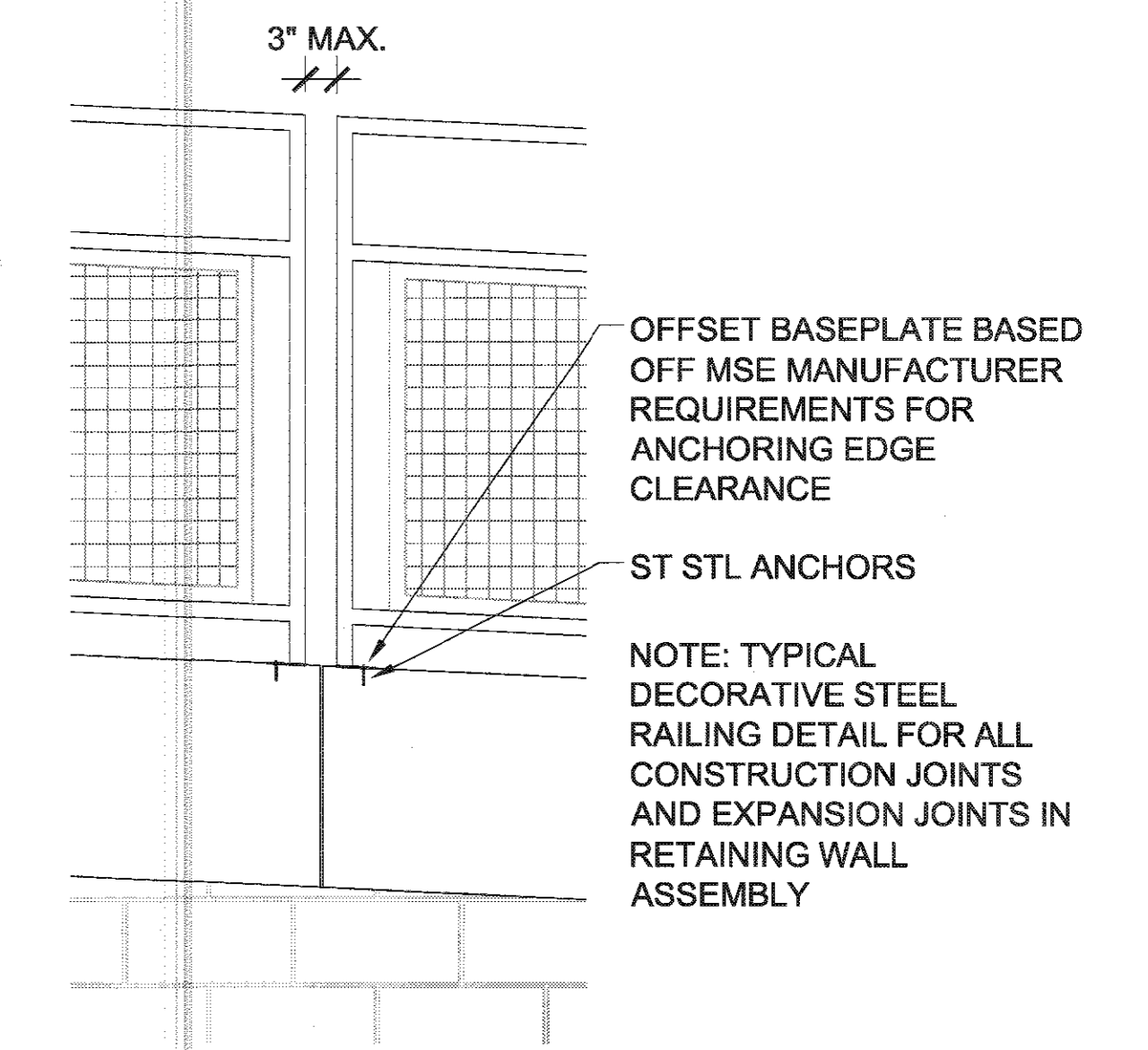
1 STAIR PLAN
SCALE 3/8" = 1'-0"



3 STAIR SECTION
SCALE 3/8" = 1'-0"



2 HANDRAIL DETAIL
SCALE 3/4" = 1'-0"



4 GUARDRAIL DETAIL
SCALE 3/4" = 1'-0"

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700 N BANGAMON
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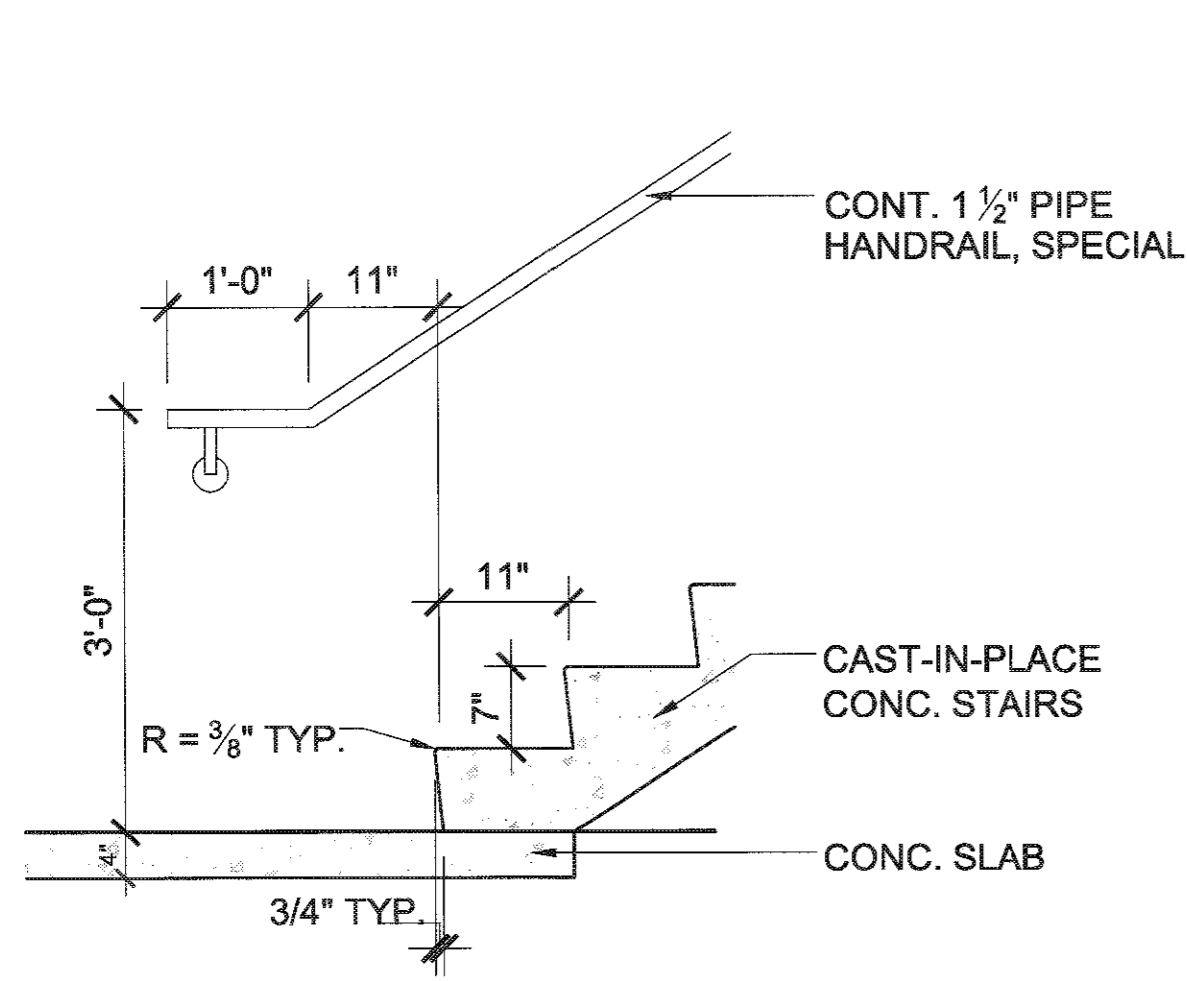
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PLOT SCALE =	CHECKED - E.F.	REVISED -
PLOT DATE =	DATE - 05.08.17	REVISED -

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DEPARTMENT OF TRANSPORTATION

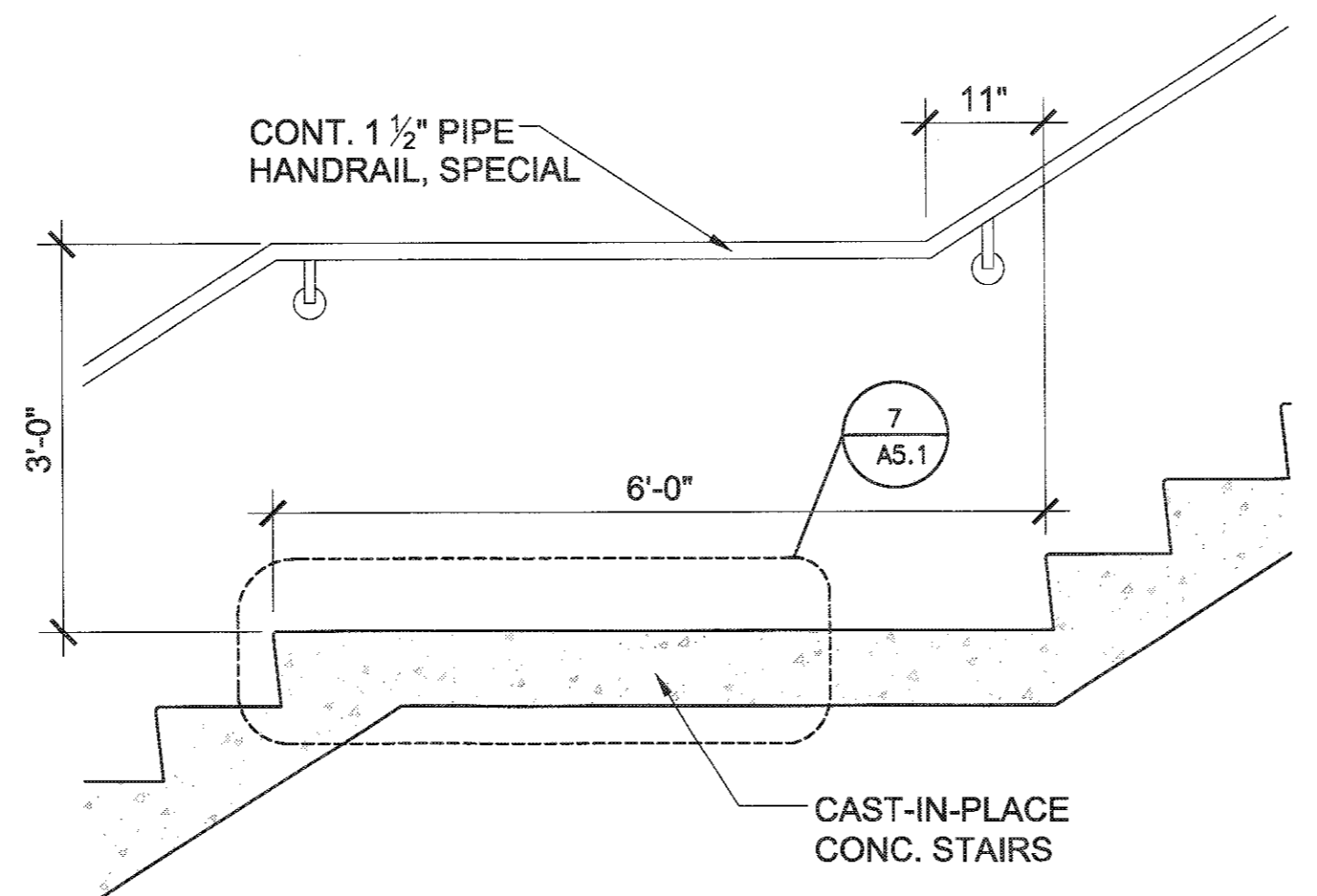
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
STAIR PLAN & SECTION

SCALE: 3/8"=1'-0" SHEET 8 OF 12 SHEETS STA.

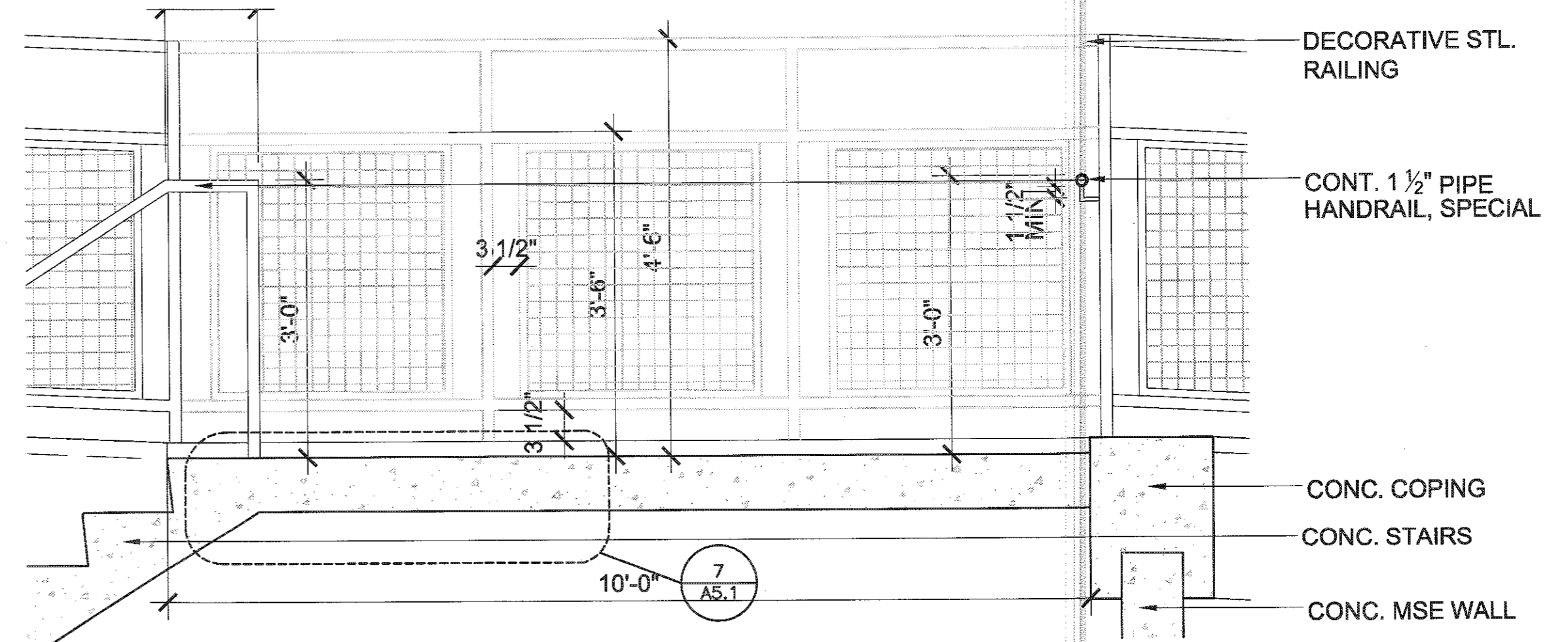
A-5.0	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1340	12-00059-00-BR	COOK	93	31
					CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT					



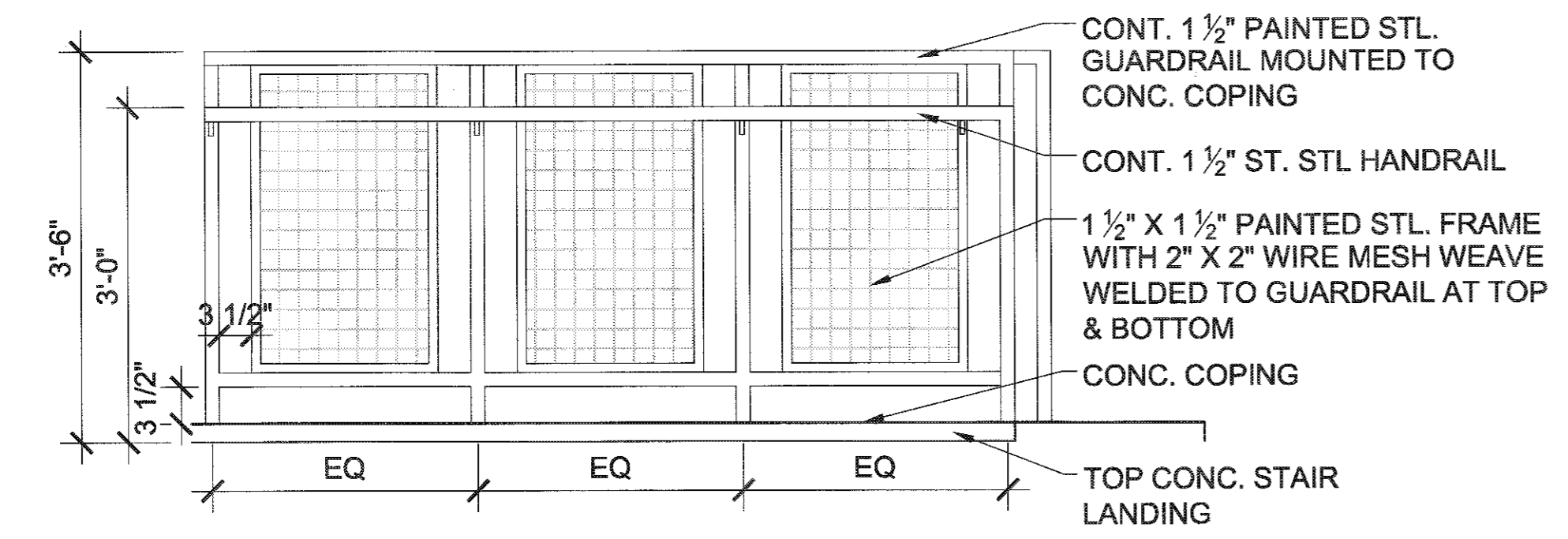
1 CAST-IN-PLACE STAIR DETAIL
SCALE 3/4" = 1'-0"



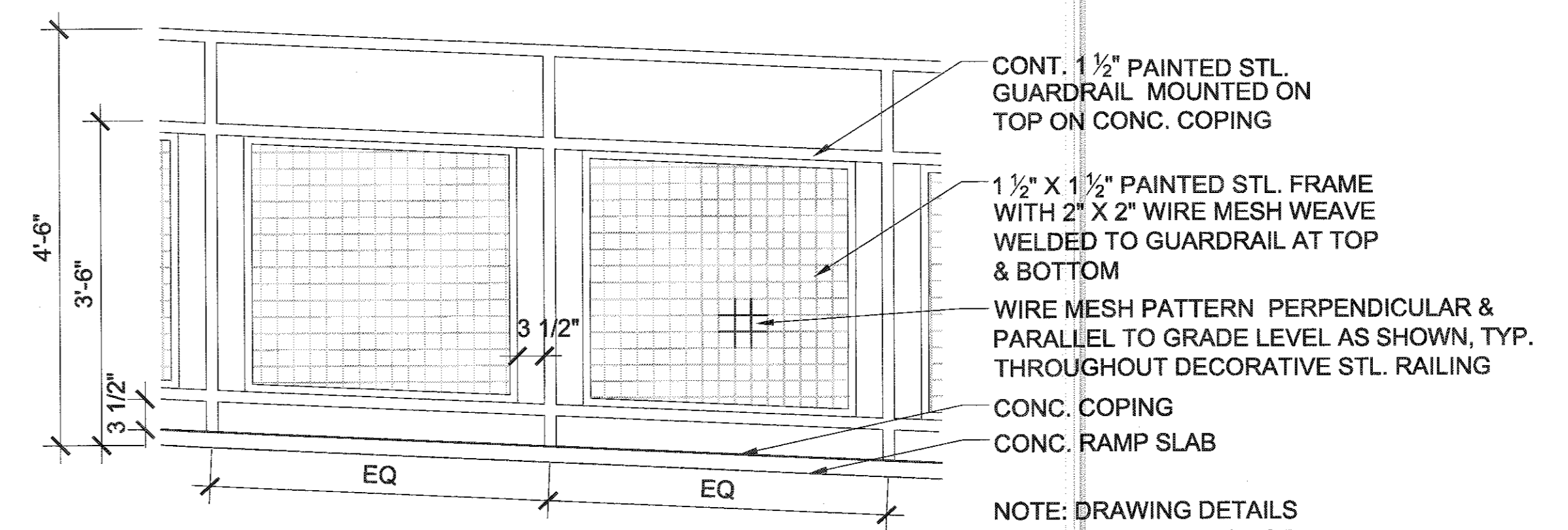
2 CAST-IN-PLACE STAIR DETAIL
SCALE 3/4" = 1'-0"



3 CAST-IN-PLACE LANDING DETAIL
SCALE 3/4" = 1'-0"

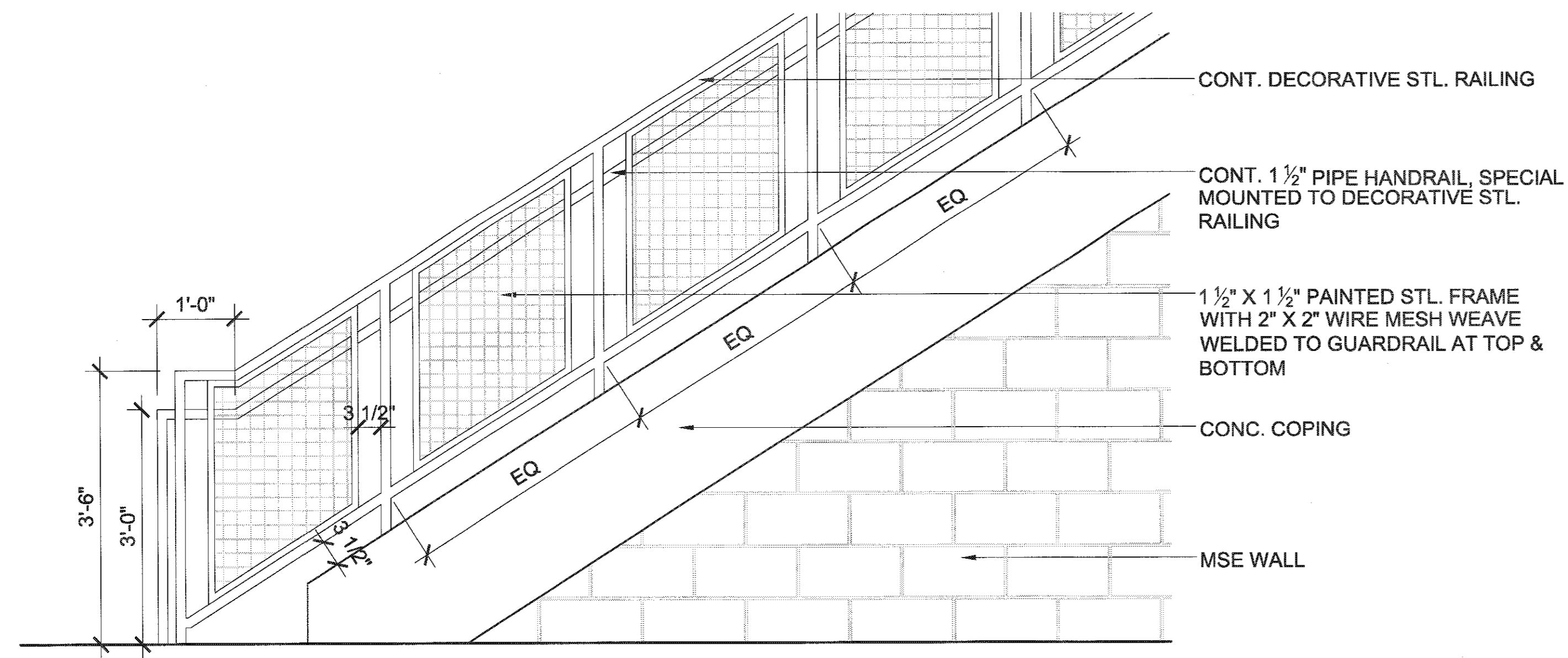


4 TOP STAIR LANDING DECORATIVE STL. RAILING ELEVATION
SCALE 3/4" = 1'-0"

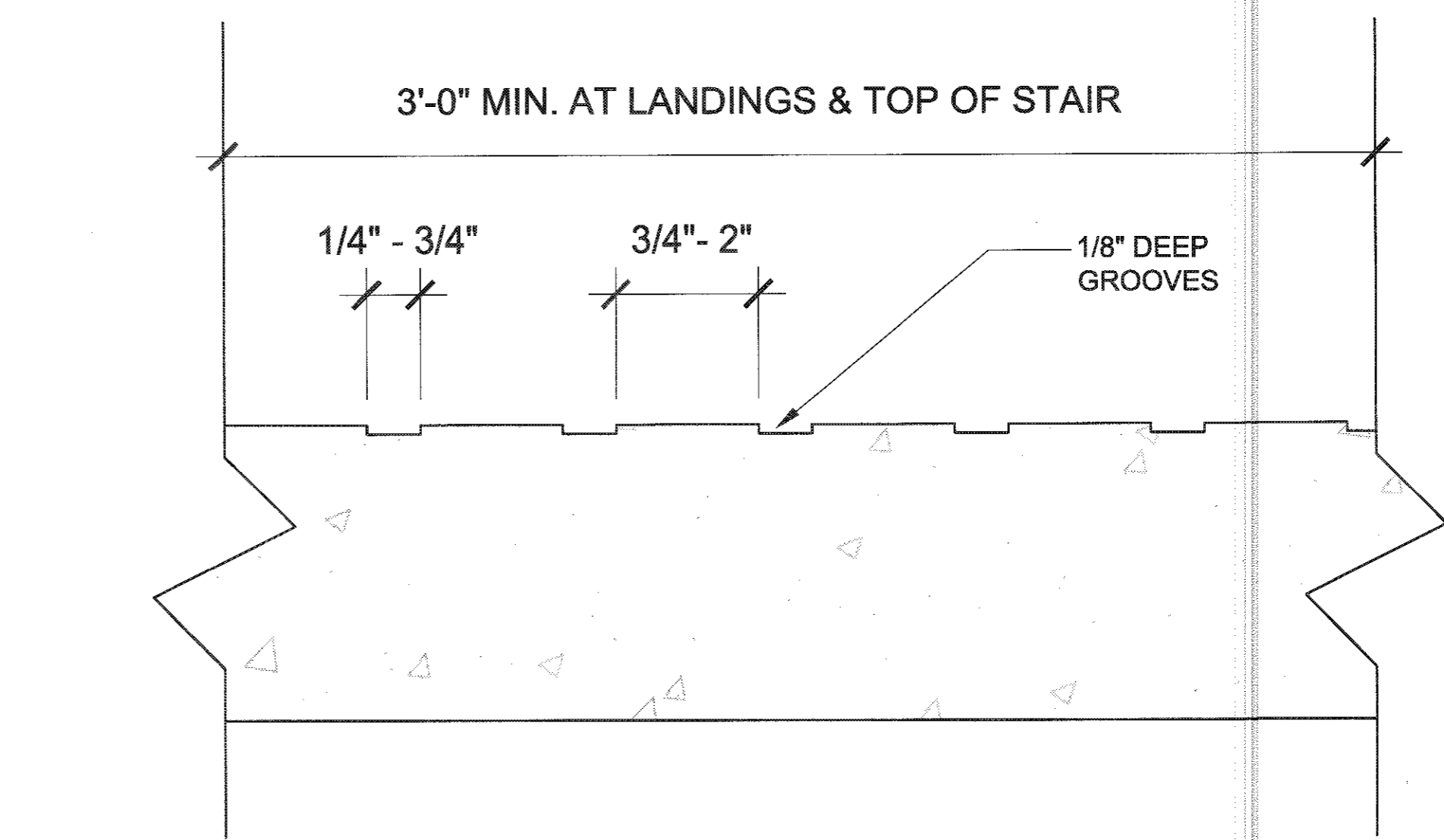


5 TYP. DECORATIVE STEEL RAILING
SCALE 3/4" = 1'-0"

NOTE: DRAWING DETAILS ACCEPTABLE LIMITS FOR MOCKUP REVIEW



6 STAIR GUARDRAIL
SCALE 3/4" = 1'-0"



7 DETECTABLE WARNING DETAIL
SCALE 6" = 1'-0"

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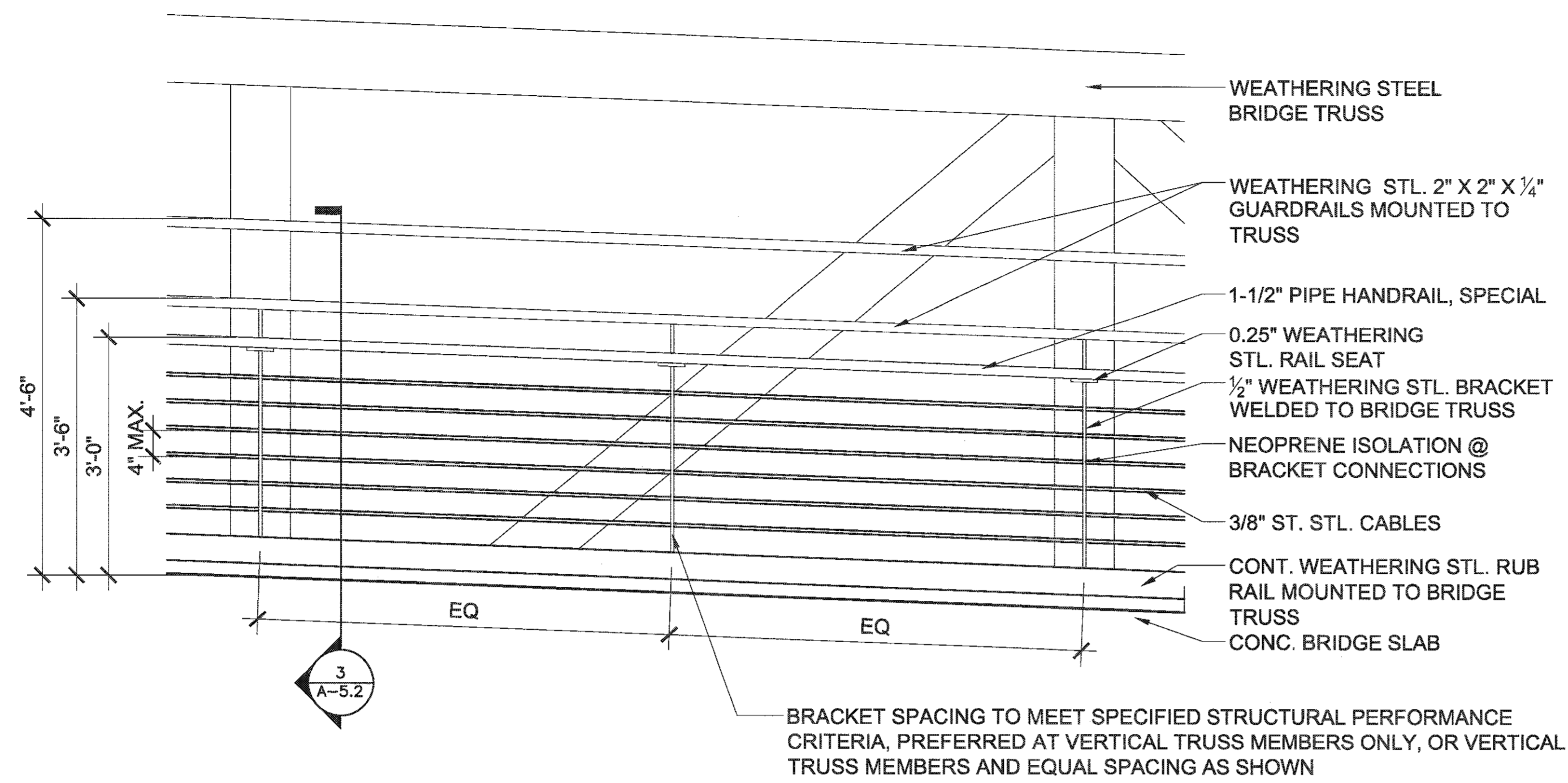
STATE OF ILLINOIS
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LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
STAIR & RAILING DETAILS

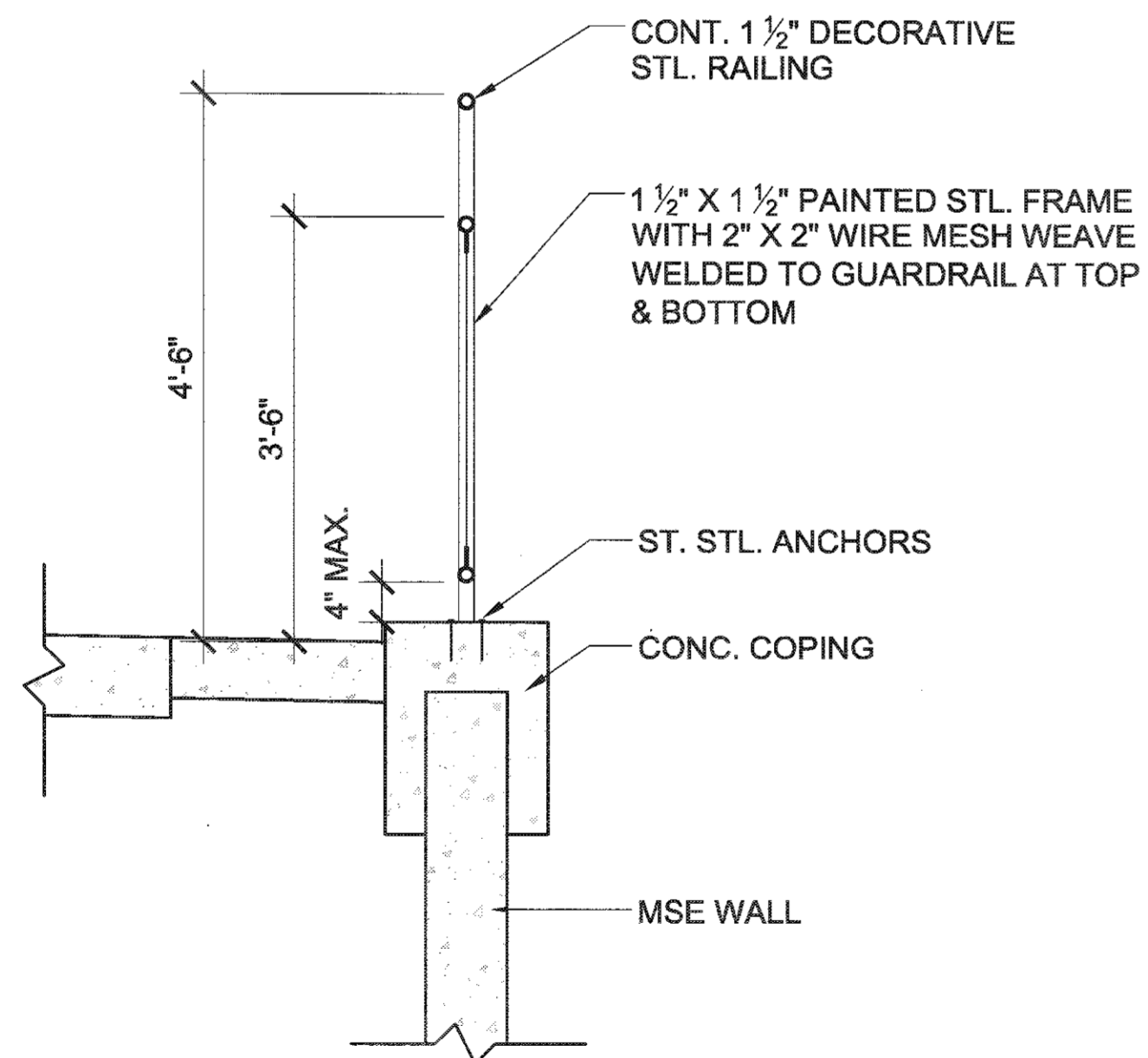
A-5.1

SCALE: SHEET 9 OF 12 SHEETS STA.

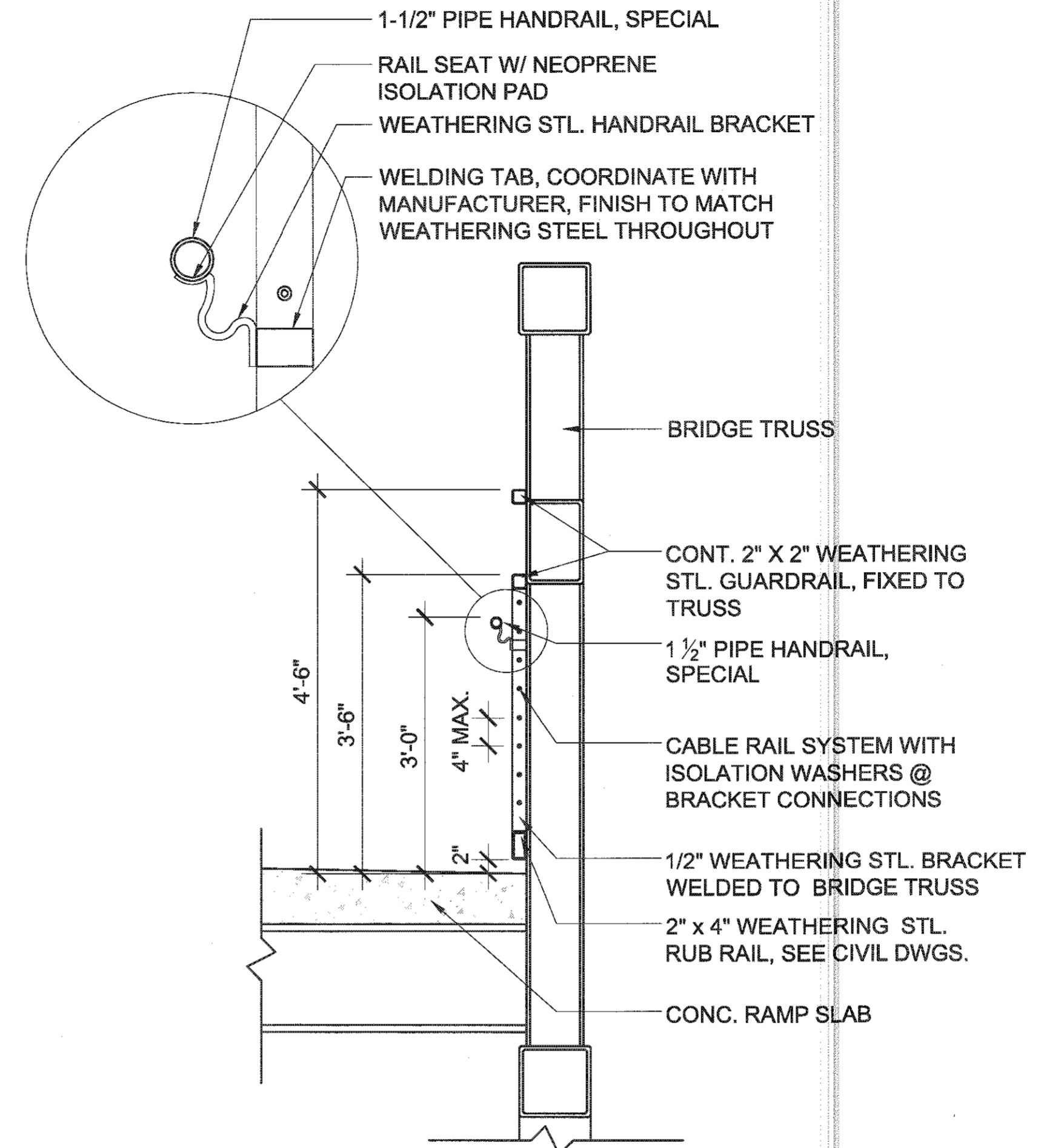
F.A. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 32
ILLINOIS FED. AID PROJECT CONTRACT NO. 61D97				



1 BRIDGE SECTION ELEVATION
SCALE 3/8" = 1'-0"



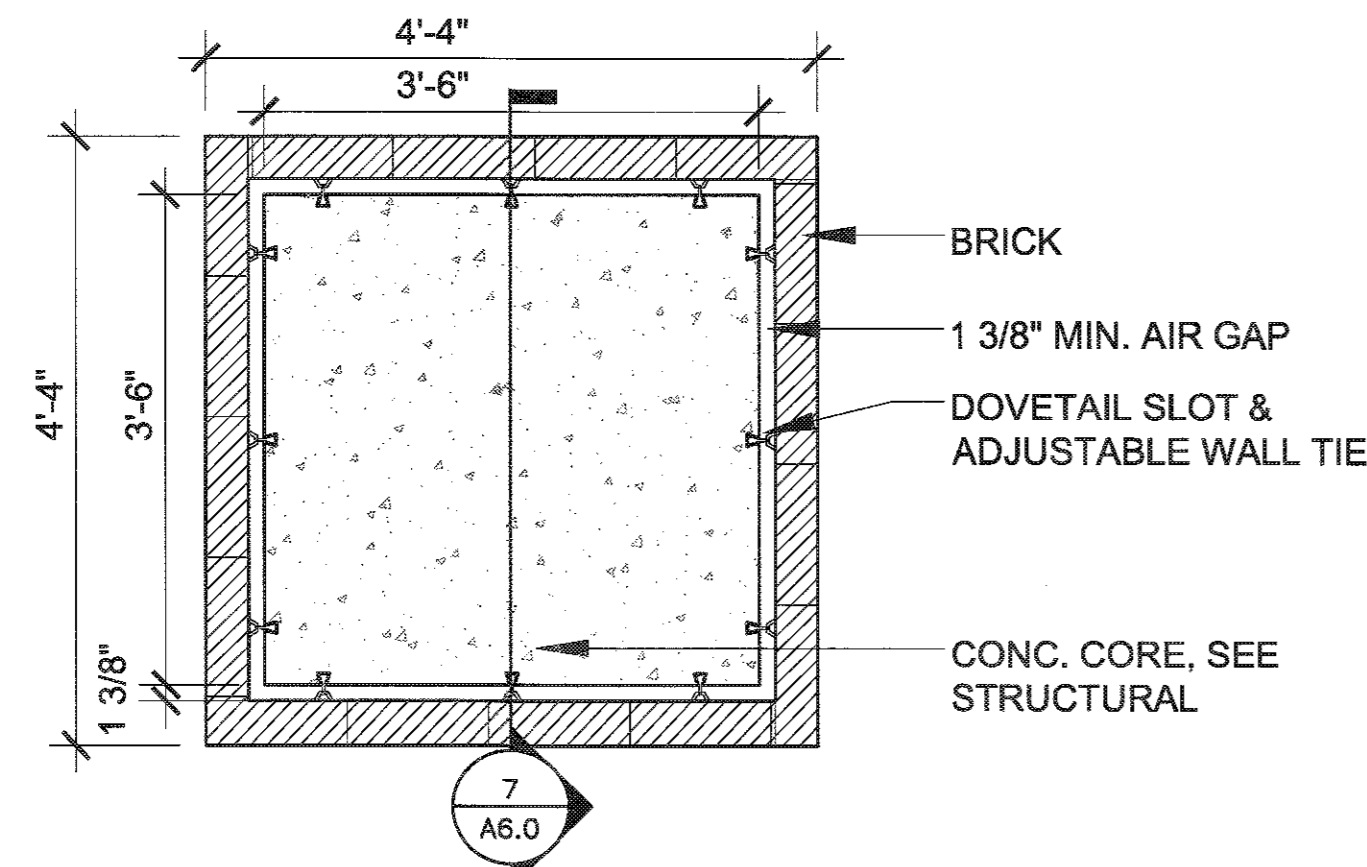
2 RAMP RAILING SECTION
SCALE 3/4" = 1'-0"



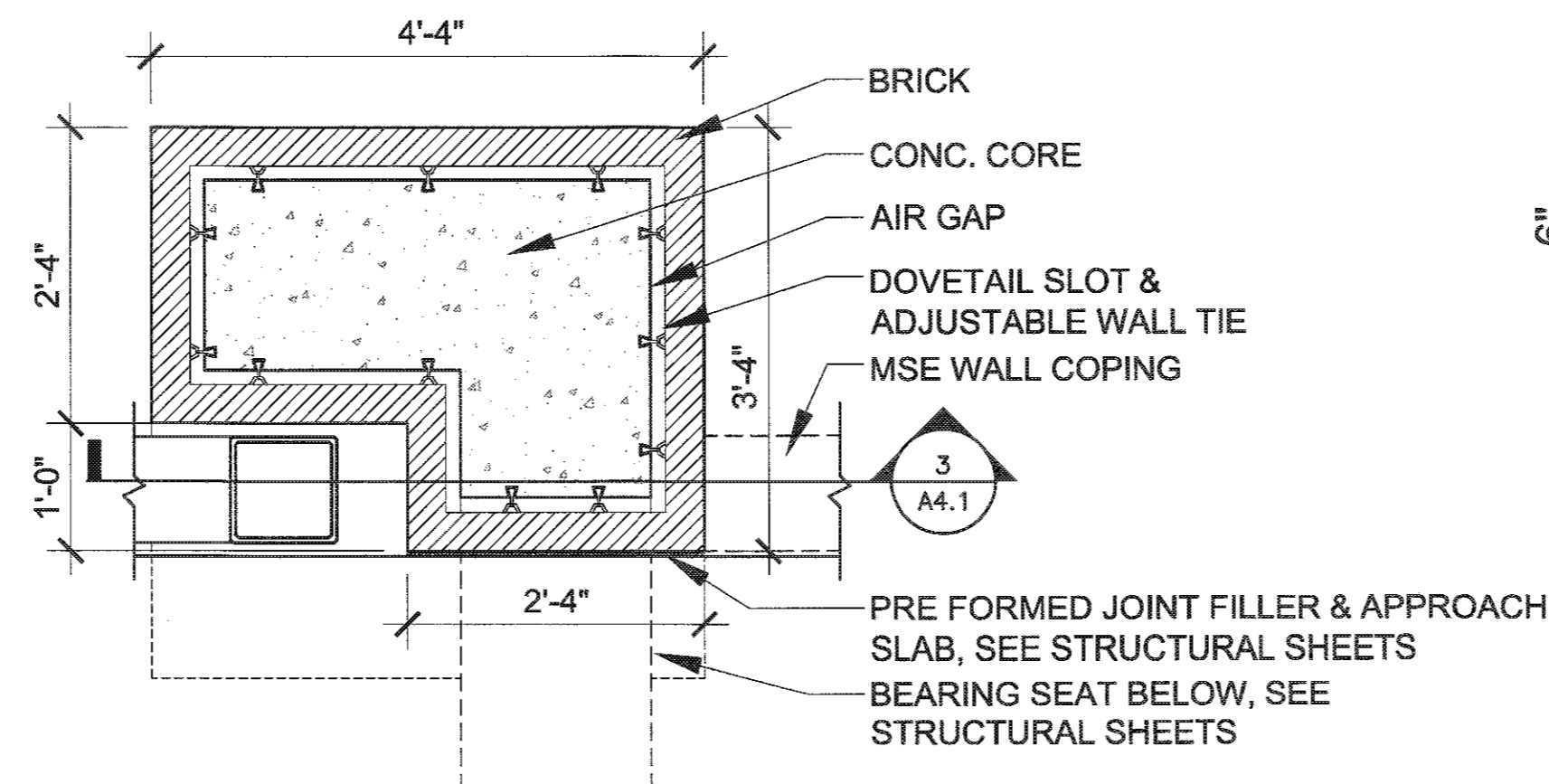
3 BRIDGE RAILING SECTION
SCALE 3/4" = 1'-0"

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	DRAWN — E.G.	REVISED —
PLOT SCALE =	CHECKED — E.F.	REVISED —
PLOT DATE =	DATE — 05.08.17	REVISED —

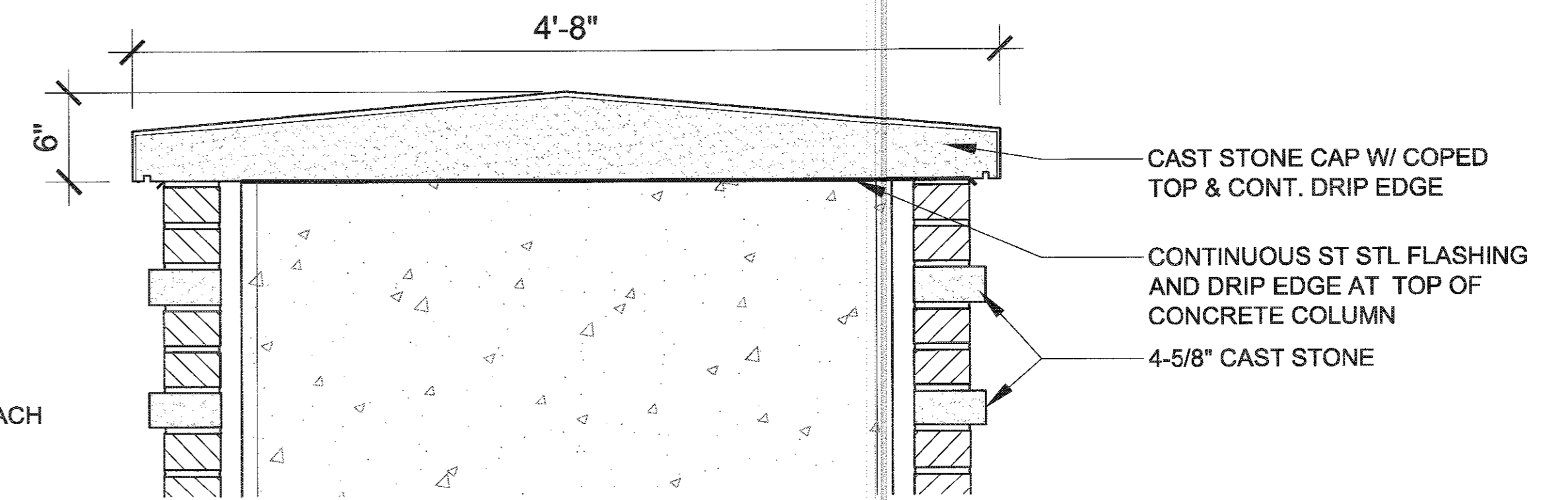
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	33
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



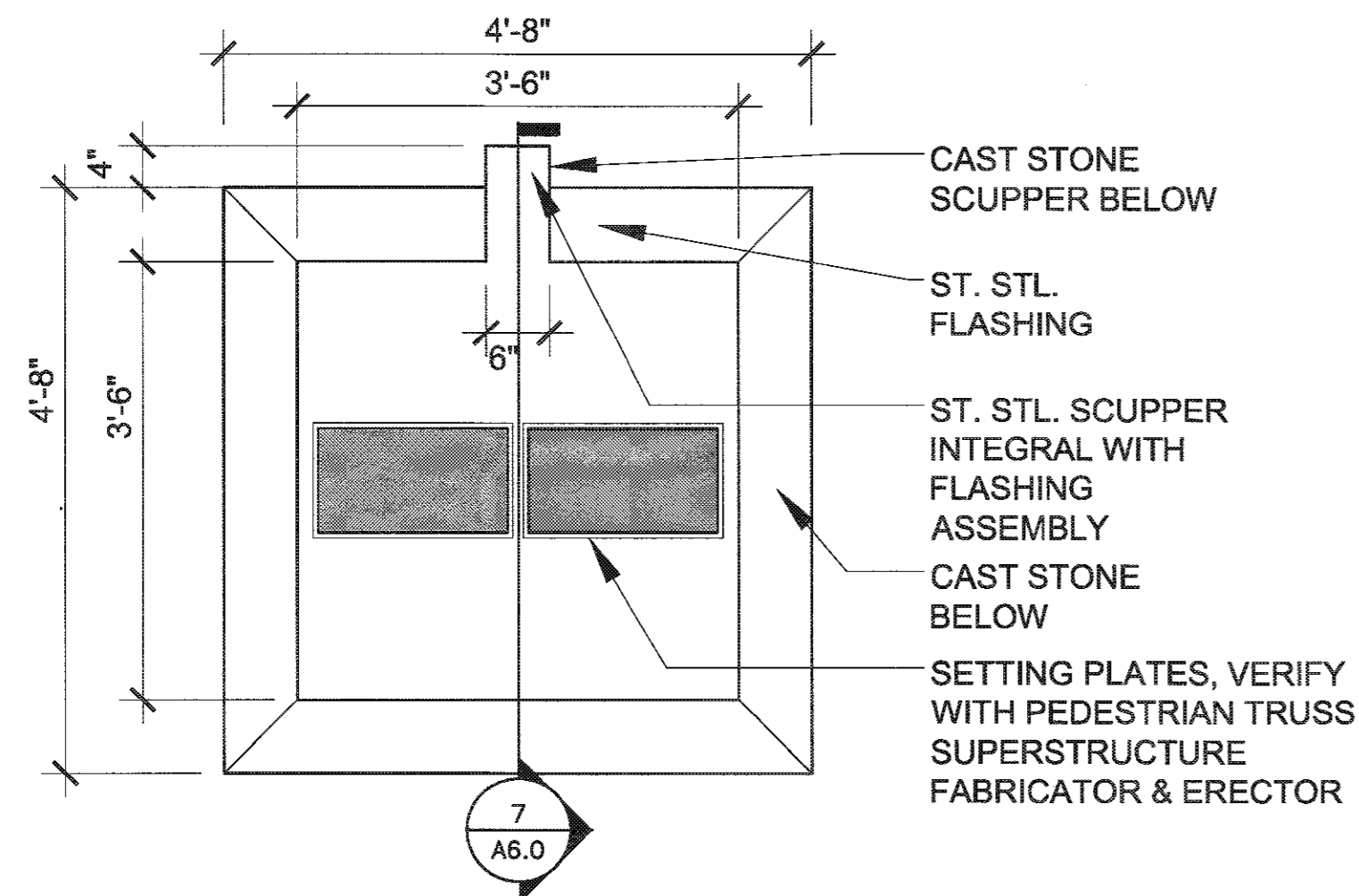
1 IDENTIFIER PIER DETAIL
SCALE 3/4" = 1'-0"



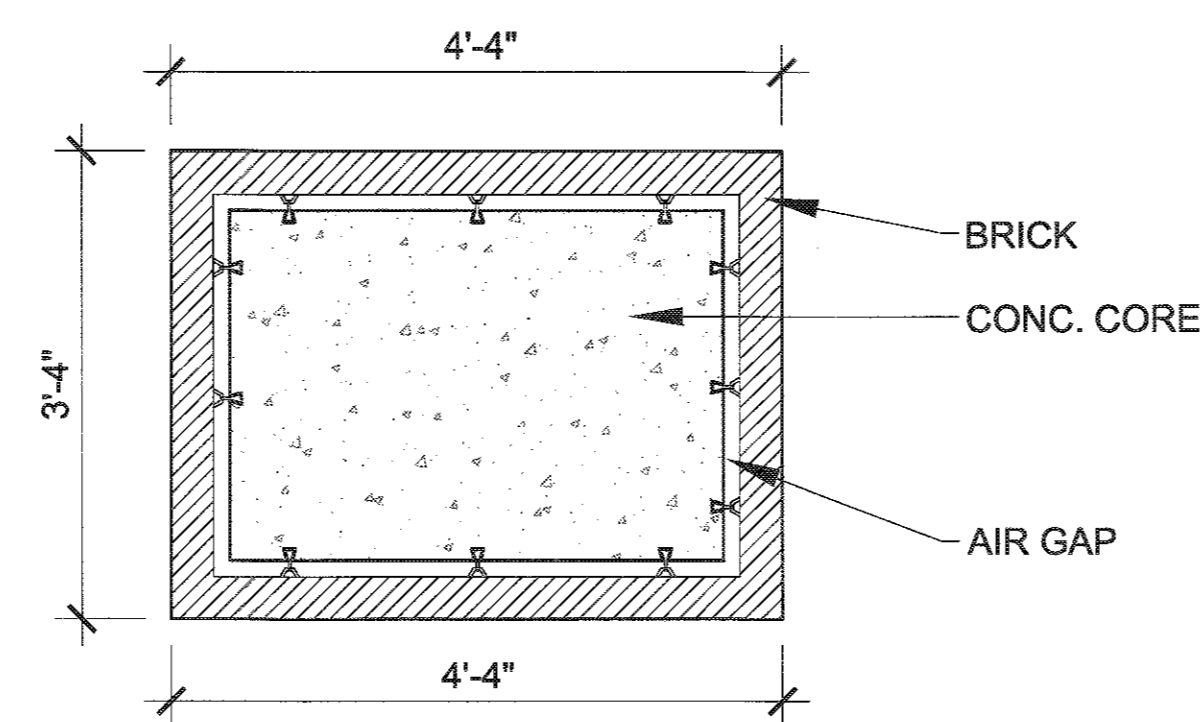
2 ABUTMENT COLUMN DETAIL
SCALE 3/4" = 1'-0"



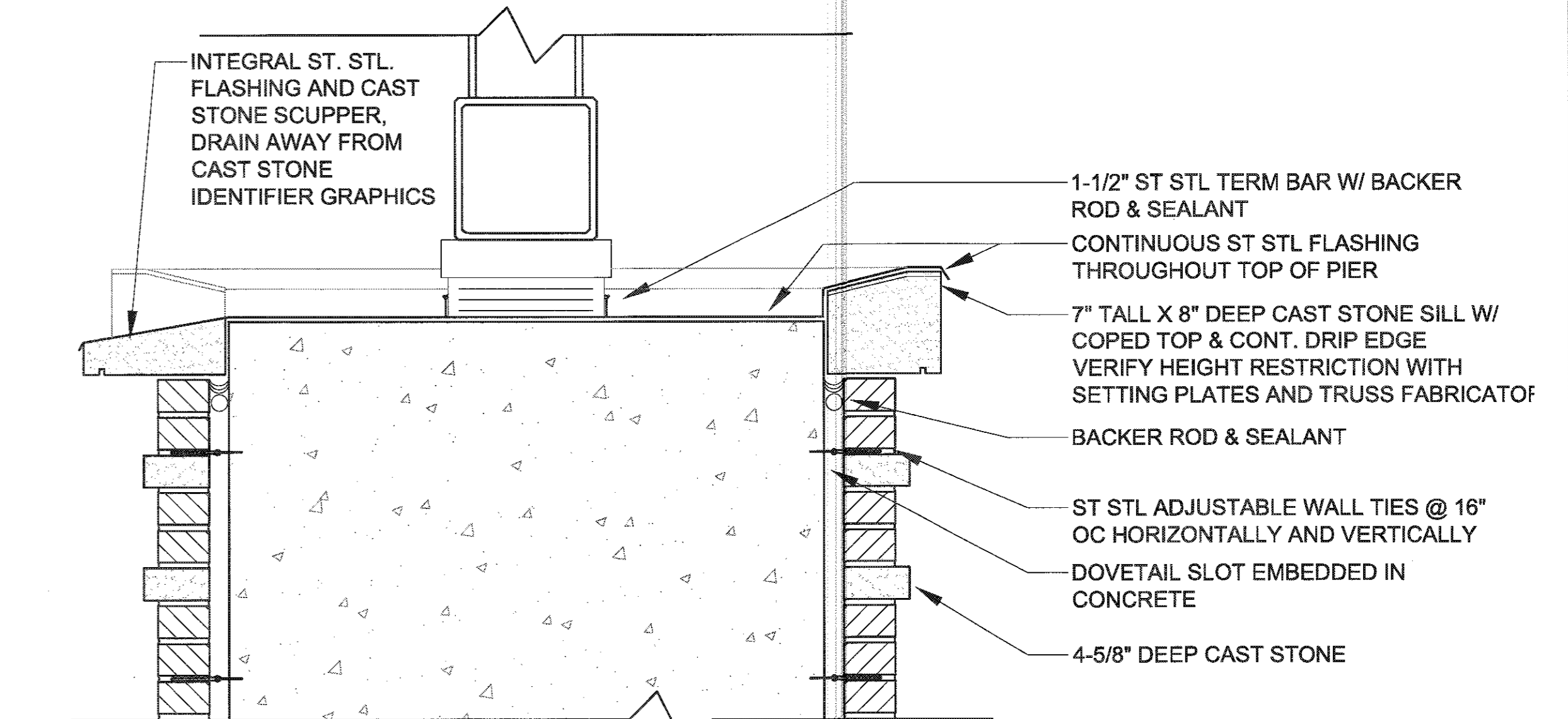
3 ABUTMENT COLUMN DETAIL
SCALE 1 1/2" = 1'-0"



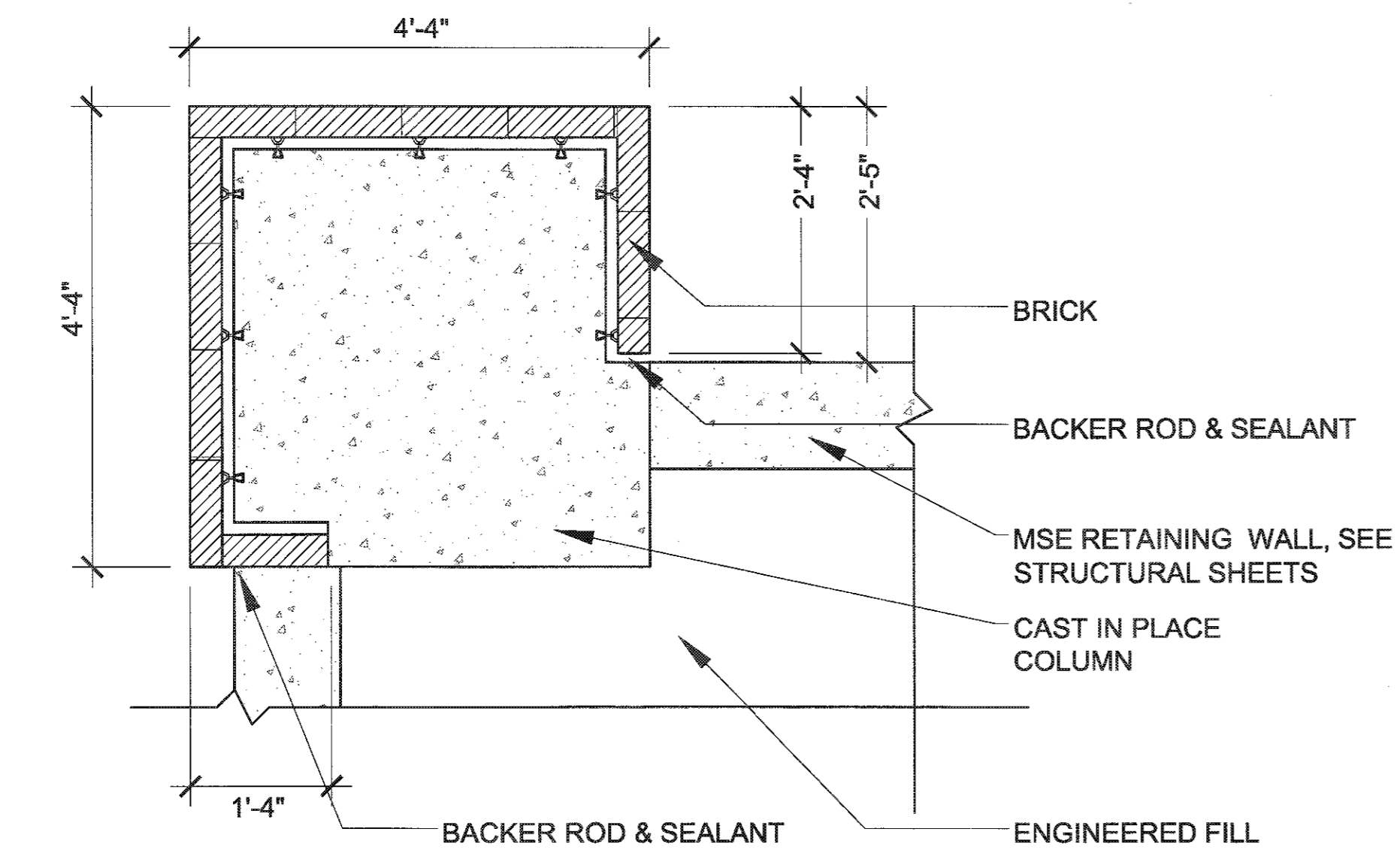
4 IDENTIFIER PIER DETAIL
SCALE 3/4" = 1'-0"



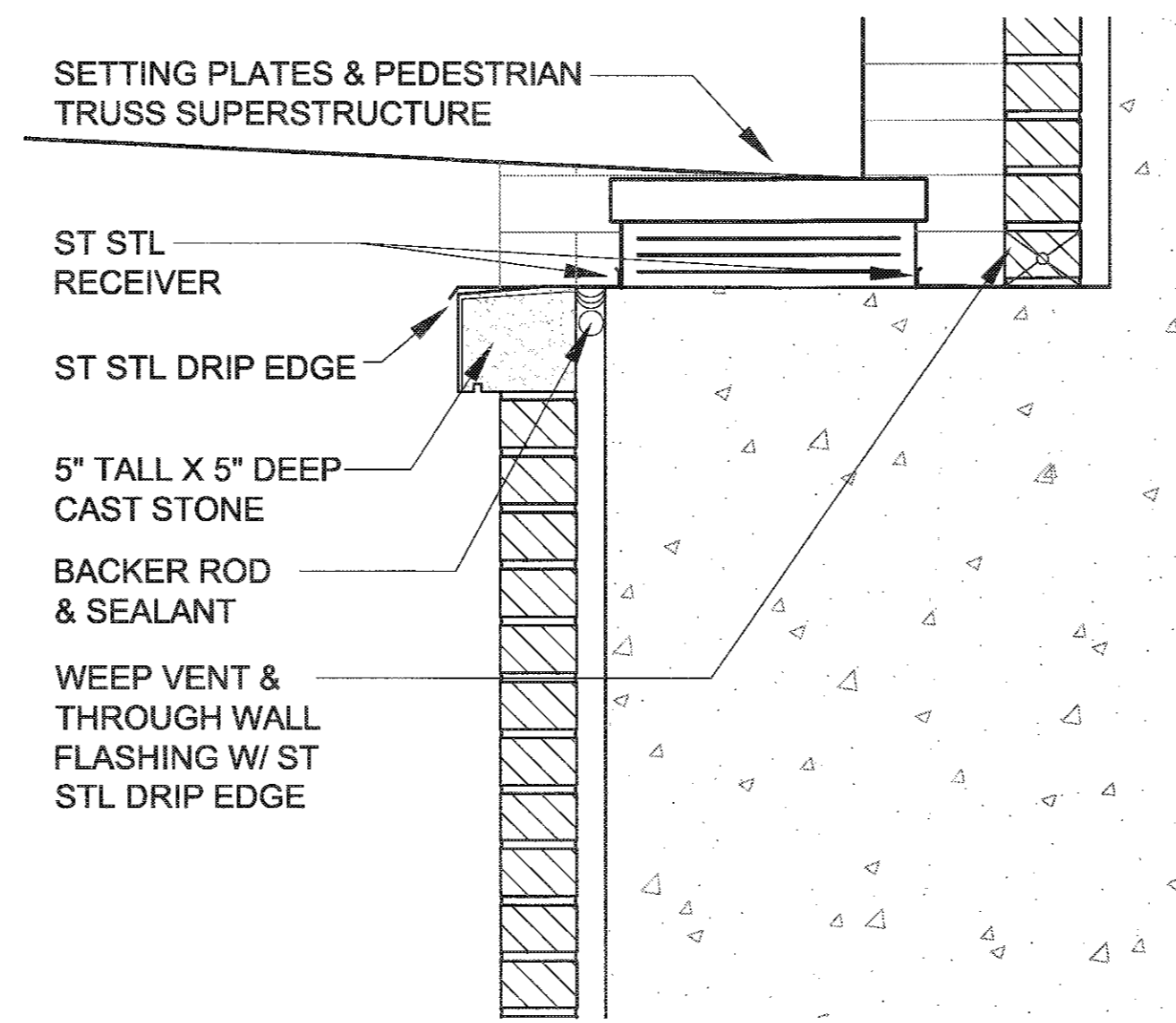
5 ABUTMENT COLUMN DETAIL
SCALE 3/4" = 1'-0"



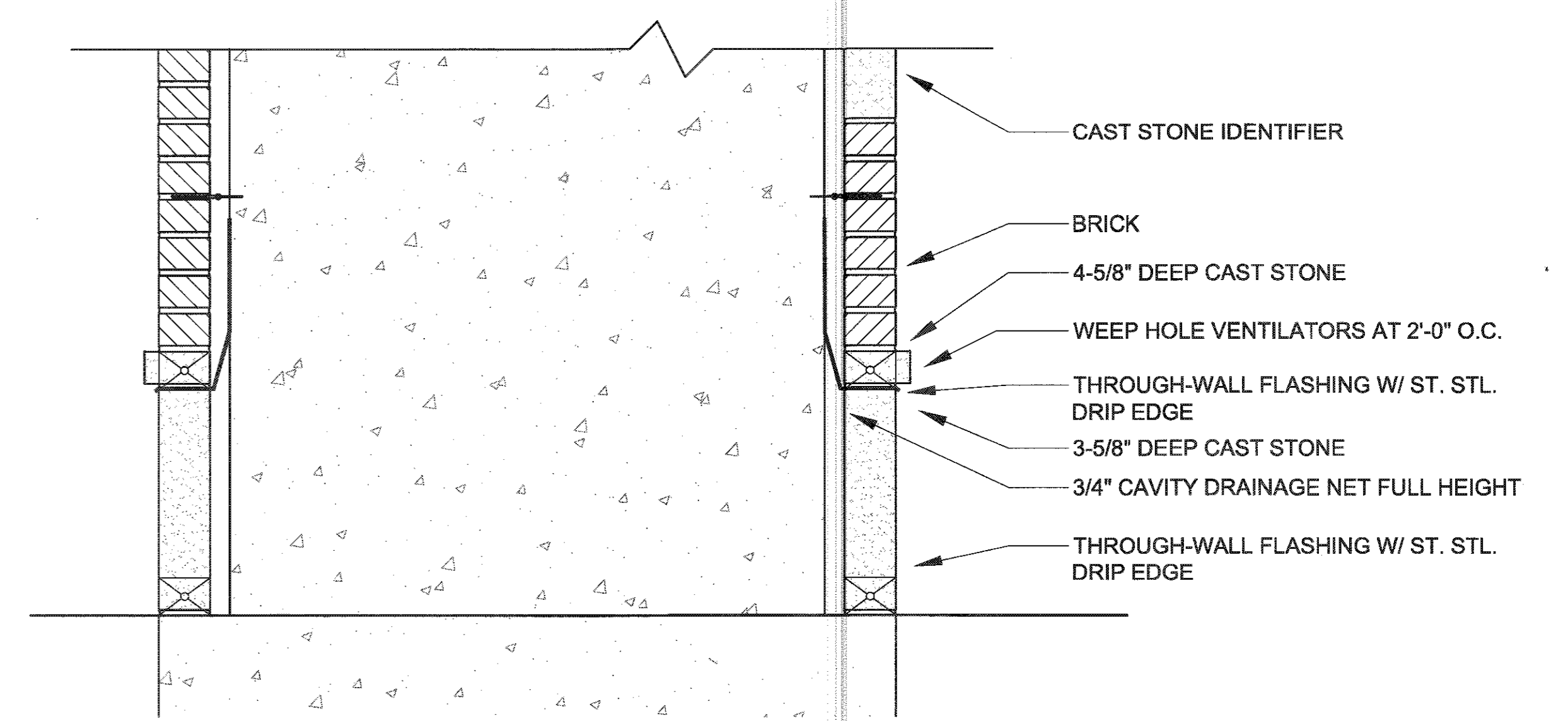
8 IDENTIFIER PIER SECTION
SCALE 1 1/2" = 1'-0"

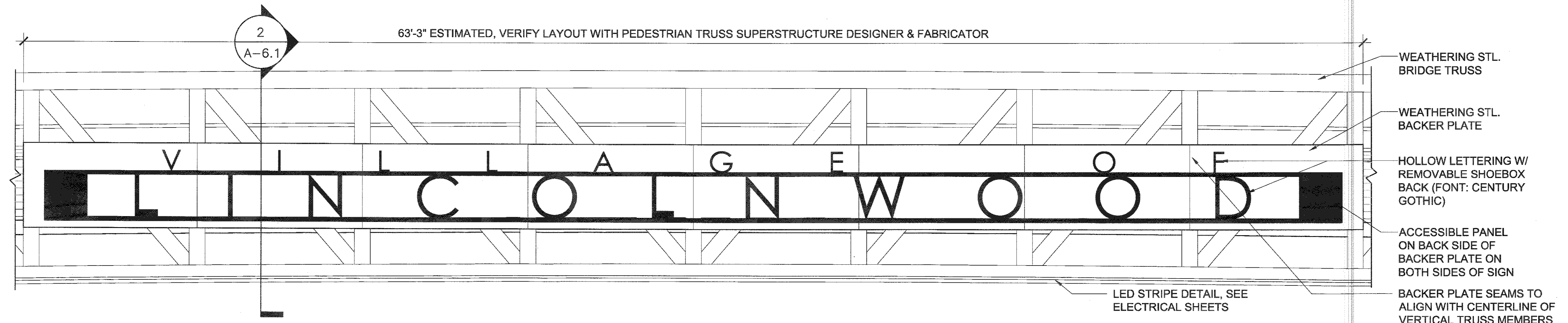


6 ABUTMENT COLUMN DETAIL
SCALE 3/4" = 1'-0"

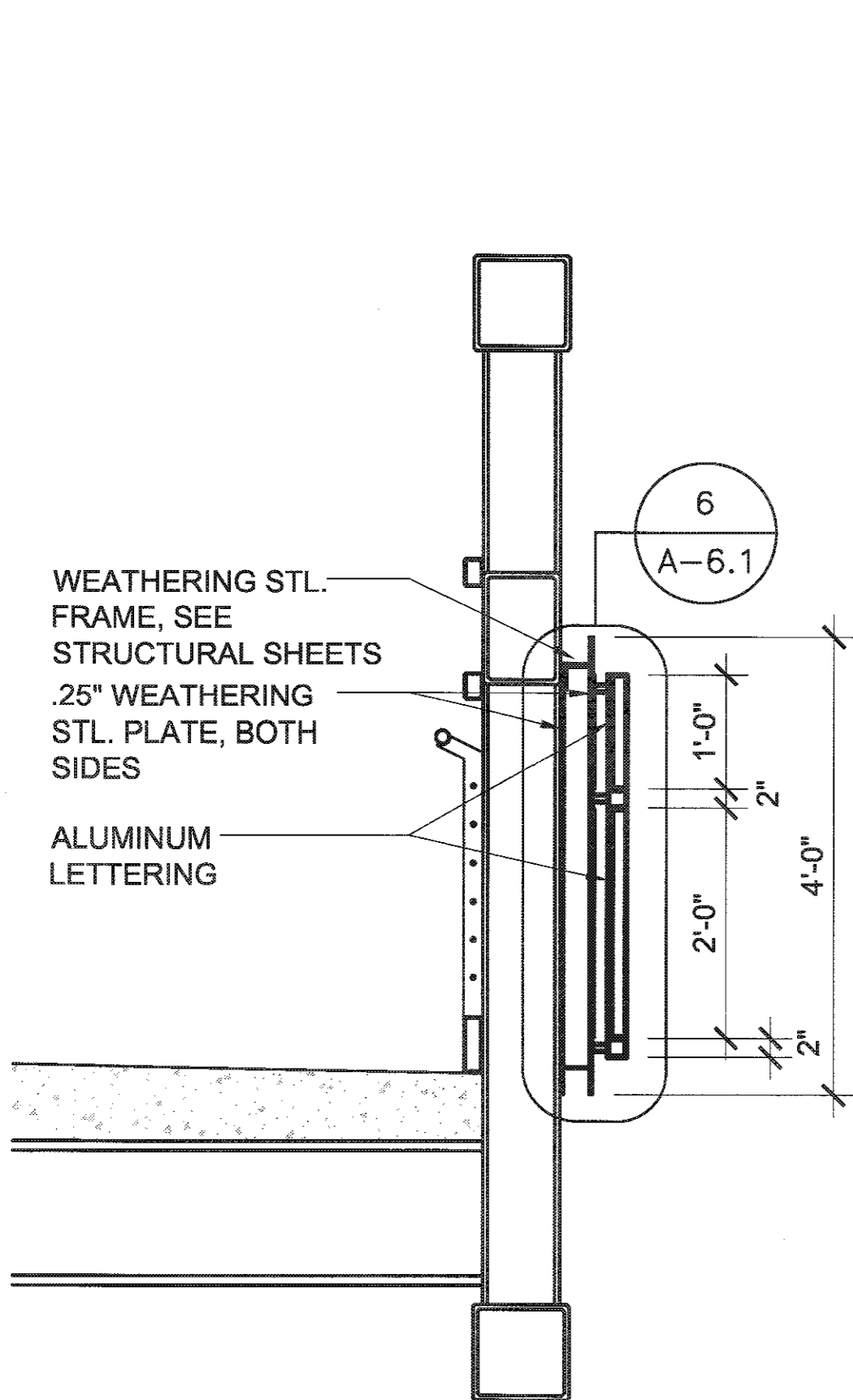


7 ABUTMENT COLUMN DETAIL
SCALE 1 1/2" = 1'-0"

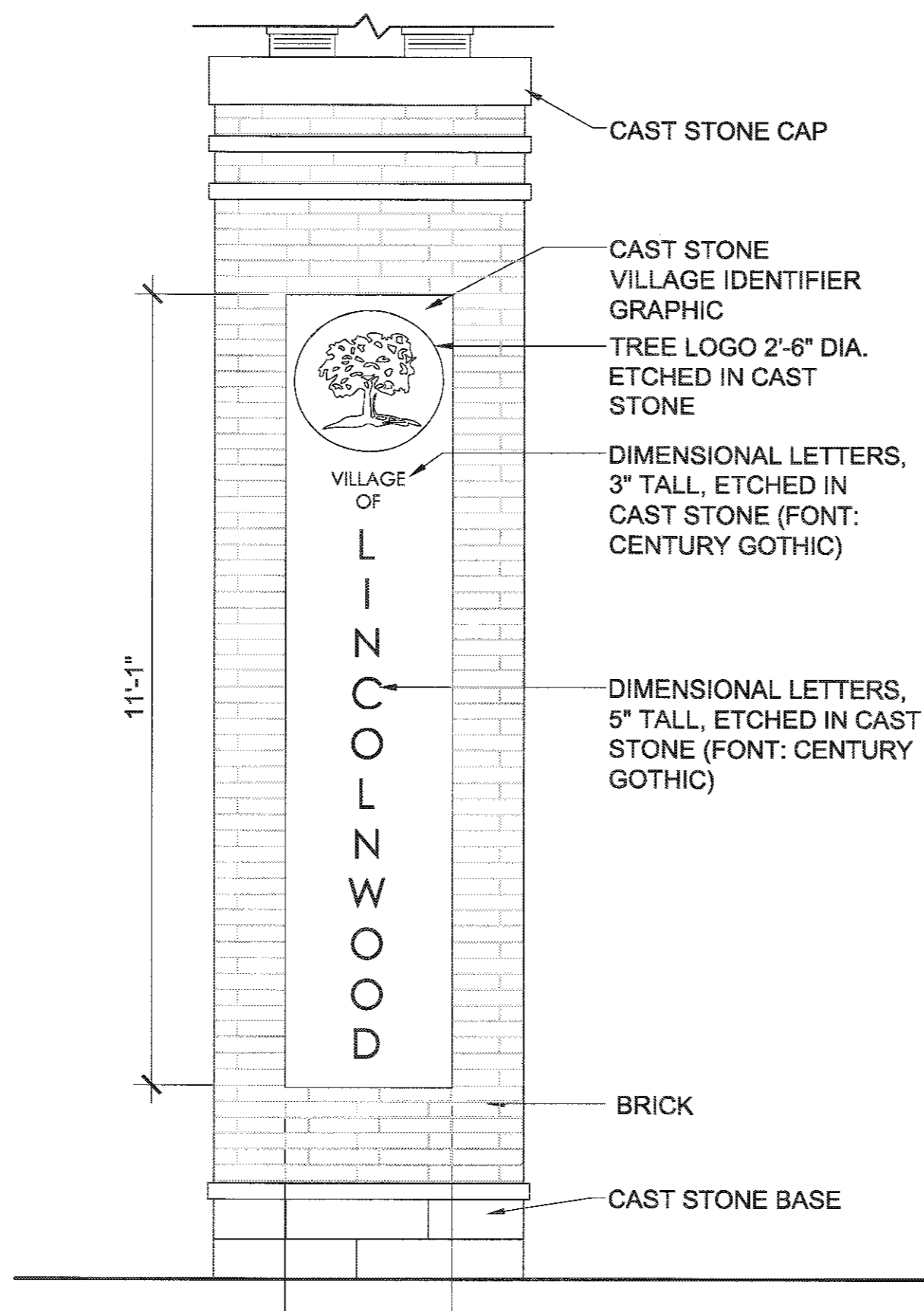




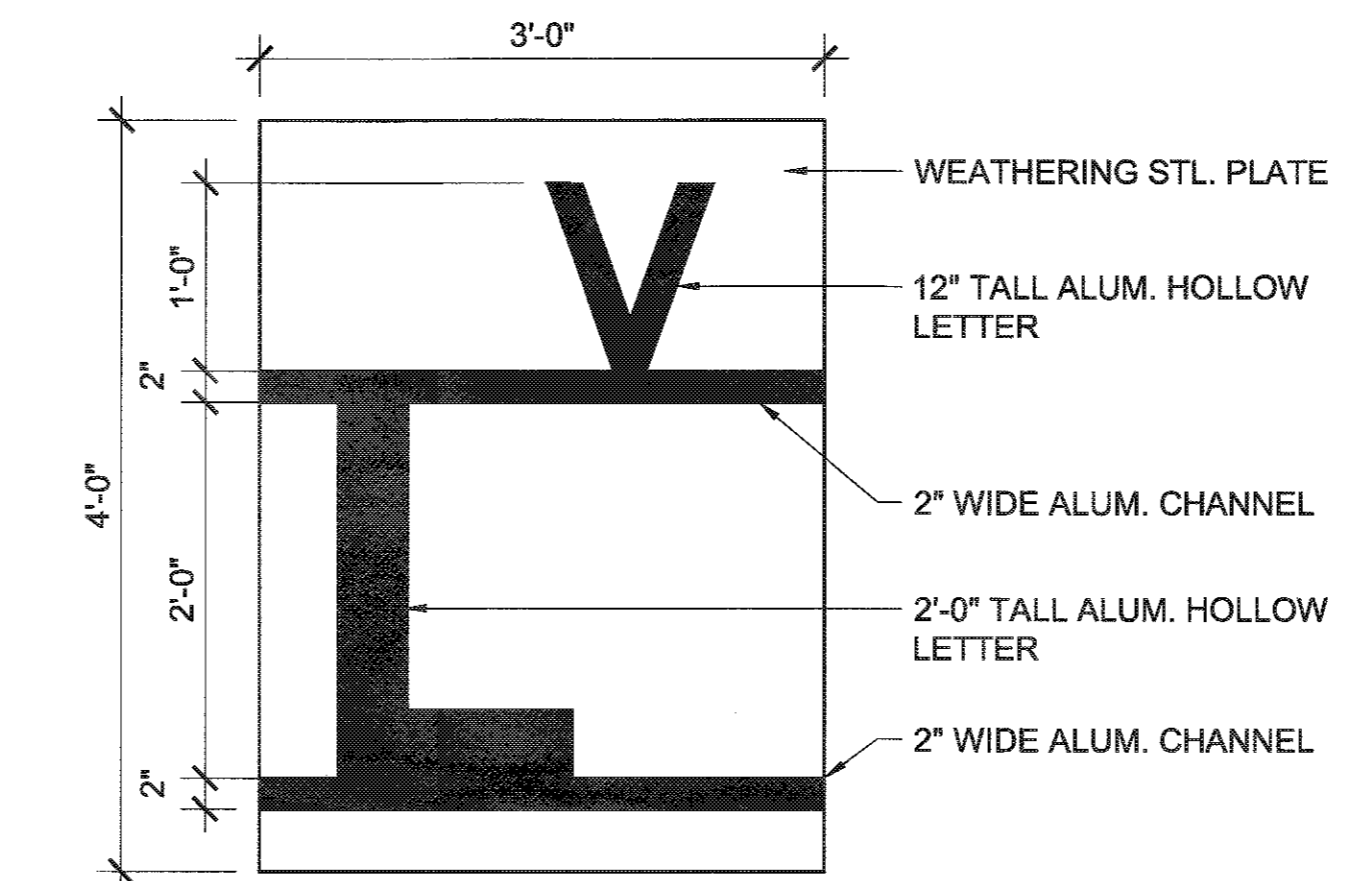
1 IDENTIFIER SIGN ELEVATION
SCALE 3/8" = 1'-0"



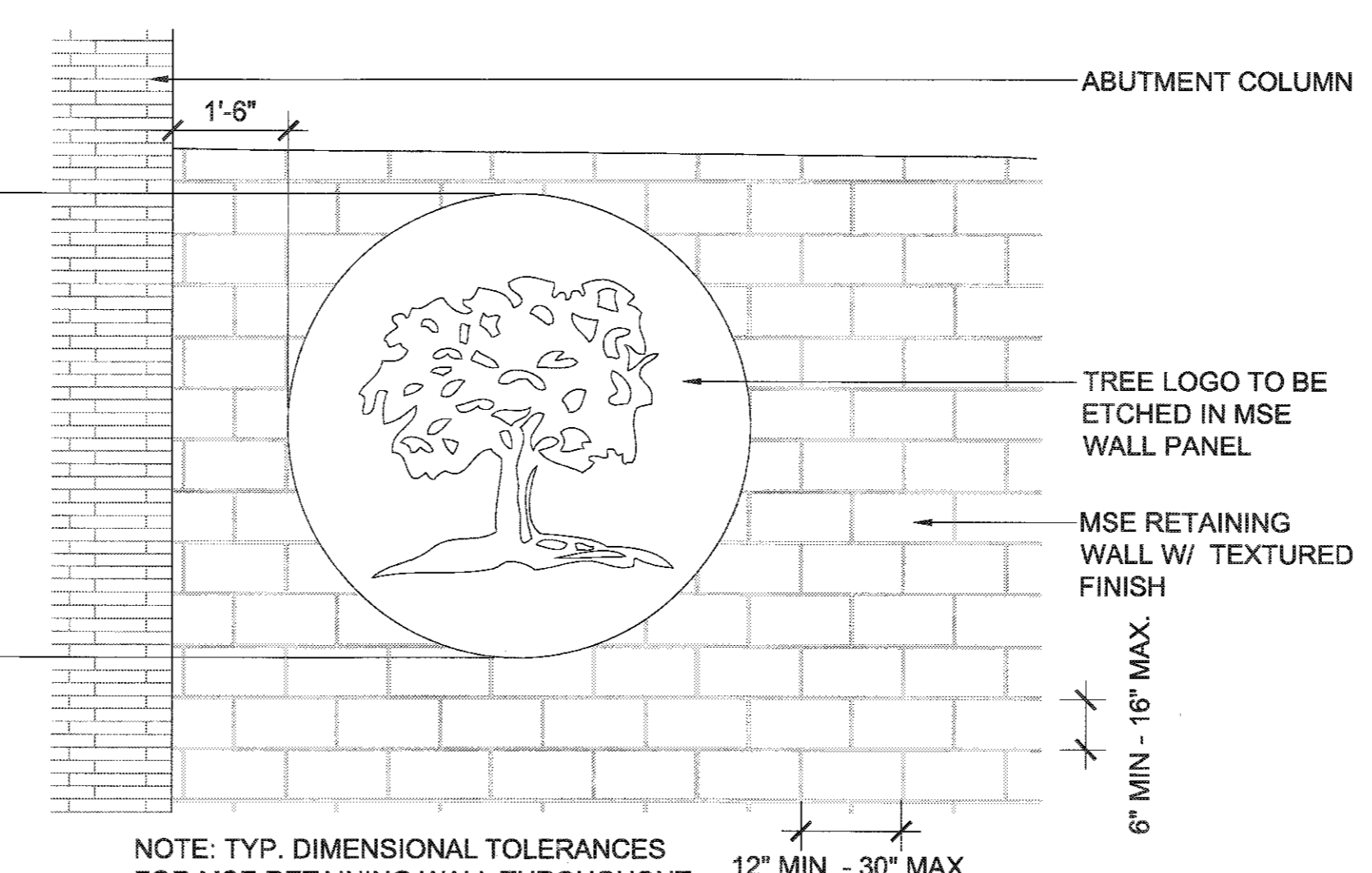
2 IDENTIFIER SIGN SECTION
SCALE 1/2" = 1'-0"



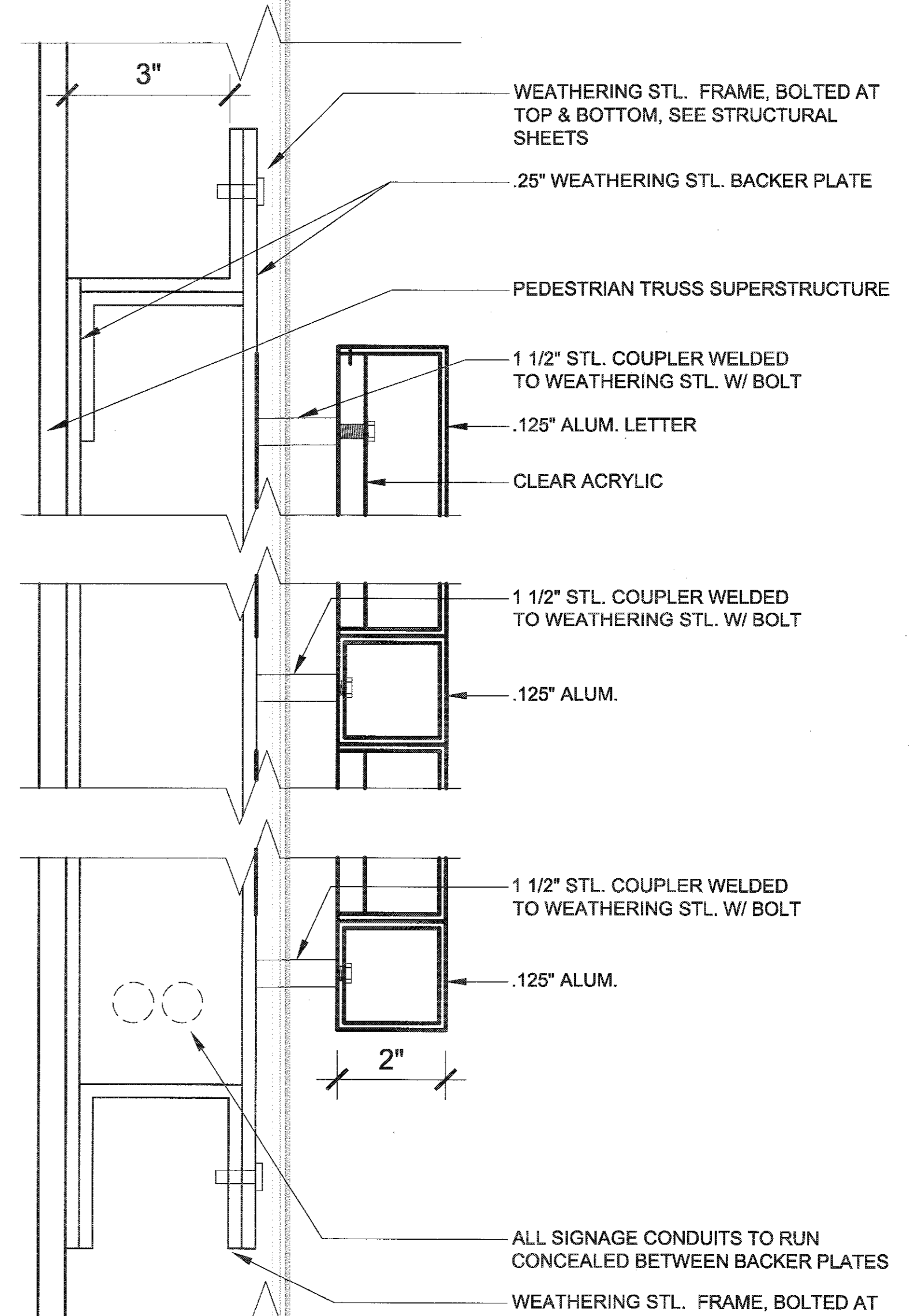
3 BRIDGE PIER SIGN ELEVATION
SCALE 1/2" = 1'-0"



4 CONSTRUCTION LETTERING MOCK-UP
SCALE 1" = 1'-0"



5 LINCOLNWOOD TREE LOGO AT STAIR ELEVATION
SCALE 1/2" = 1'-0"



6 LETTERING ATTACHMENT DETAIL
SCALE 6" = 1'-0"

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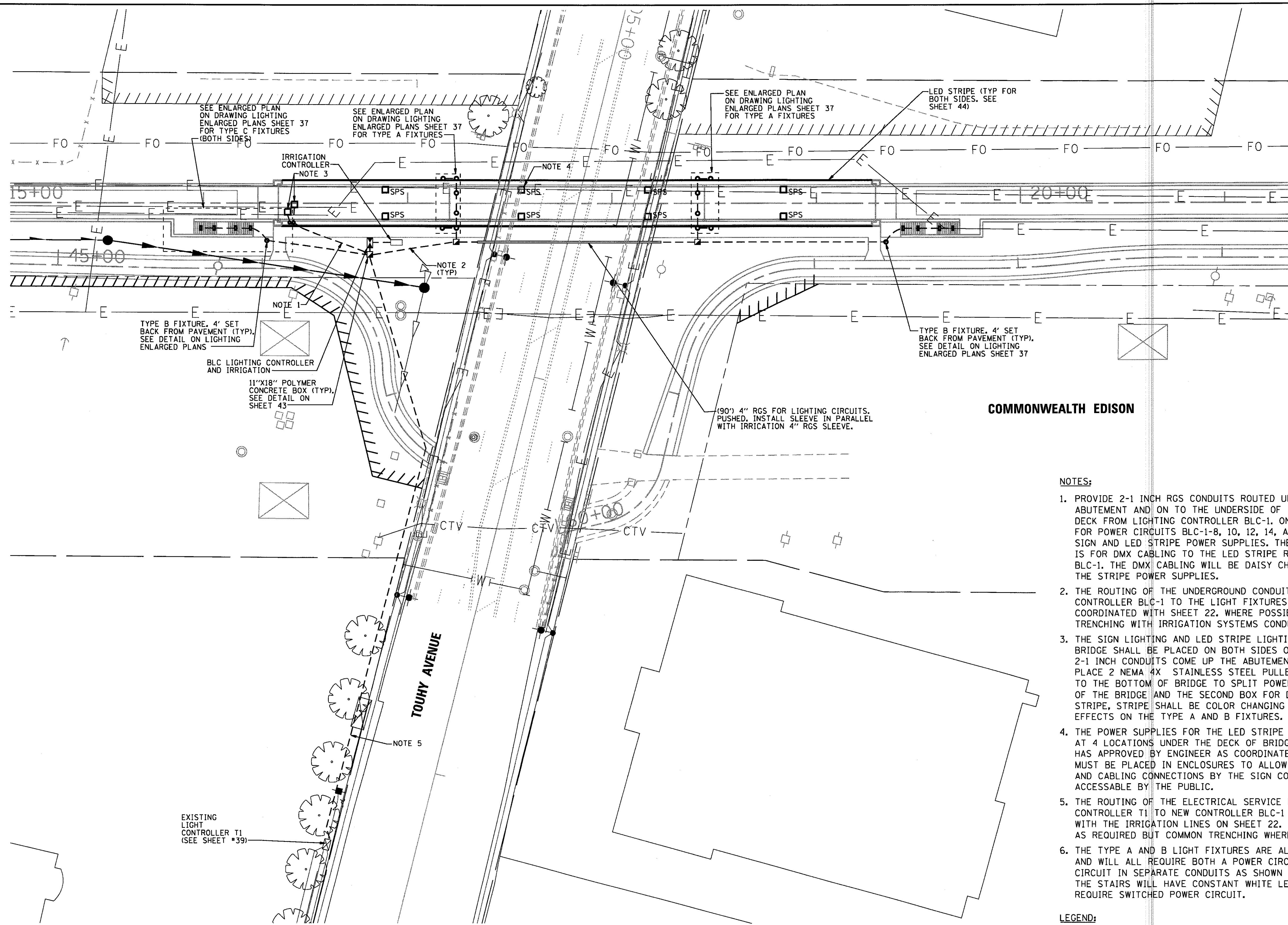
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SIGNAGE

A-6.1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	35
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 12 OF 12 SHEETS STA.



COMMONWEALTH EDISON

NOTES:

1. PROVIDE 2-1 INCH RGS CONDUITS ROUTED UP THE SOUTH ABUTEMENT AND ON TO THE UNDERSIDE OF THE NEW BRIDGE DECK FROM LIGHTING CONTROLLER BLC-1. ONE CONDUIT IS FOR POWER CIRCUITS BLC-1-8, 10, 12, 14, AND 16 FOR THE SIGN AND LED STRIPE POWER SUPPLIES. THE SECOND CONDUIT IS FOR DMX CABLING TO THE LED STRIPE RGB CONTROL FROM BLC-1. THE DMX CABLING WILL BE DAISY CHAINED BETWEEN THE STRIPE POWER SUPPLIES.
2. THE ROUTING OF THE UNDERGROUND CONDUITS FROM LIGHTING CONTROLLER BLC-1 TO THE LIGHT FIXTURES SHALL BE COORDINATED WITH SHEET 22. WHERE POSSIBLE SHARE COMMON TRENCHING WITH IRRIGATION SYSTEMS CONDUITS.
3. THE SIGN LIGHTING AND LED STRIPE LIGHTING ON THE PEDESTRIAN BRIDGE SHALL BE PLACED ON BOTH SIDES OF THE BRIDGE. WHERE THE 2-1 INCH CONDUITS COME UP THE ABUTEMENT ON THE SOUTH ABUTEMENT, PLACE 2 NEMA 4X STAINLESS STEEL PULLBOXES THAT ARE 12"X 12" X 8" TO THE BOTTOM OF BRIDGE TO SPLIT POWER CIRCUITS TO BOTH SIDES OF THE BRIDGE AND THE SECOND BOX FOR DMX CABLING TO THE RGB LED STRIPE. STRIPE SHALL BE COLOR CHANGING TO MATCH THE LIGHTING EFFECTS ON THE TYPE A AND B FIXTURES.
4. THE POWER SUPPLIES FOR THE LED STRIPE ARE TO BE SPACED EVENLY AT 4 LOCATIONS UNDER THE DECK OF BRIDGE OR WHERE SIGN COMPANY HAS APPROVED BY ENGINEER AS COORDINATED BY THE VILLAGE. THEY MUST BE PLACED IN ENCLOSURES TO ALLOW FOR PROPER VENTILATION AND CABLING CONNECTIONS BY THE SIGN COMPANY, BUT ALSO NOT DIRECTLY ACCESSIBLE BY THE PUBLIC.
5. THE ROUTING OF THE ELECTRICAL SERVICE FROM EXISTING LIGHTING CONTROLLER T1 TO NEW CONTROLLER BLC-1 WILL BE IN PARALLEL WITH THE IRRIGATION LINES ON SHEET 22. PROVIDE SEPARATION AS REQUIRED BUT COMMON TRENCHING WHERE POSSIBLE.
6. THE TYPE A AND B LIGHT FIXTURES ARE ALL RGB COLOR CHANGING AND WILL ALL REQUIRE BOTH A POWER CIRCUIT AND A DMX CONTROL CIRCUIT IN SEPARATE CONDUITS AS SHOWN IN DETAILS ON SHEET 37. THE STAIRS WILL HAVE CONSTANT WHITE LED STEP LIGHTS AND ONLY REQUIRE SWITCHED POWER CIRCUIT.

LEGEND:

- 4" RIGID GALVANIZED STEEL SLEEVE
- SPS LED STRIPE POWER SUPPLY



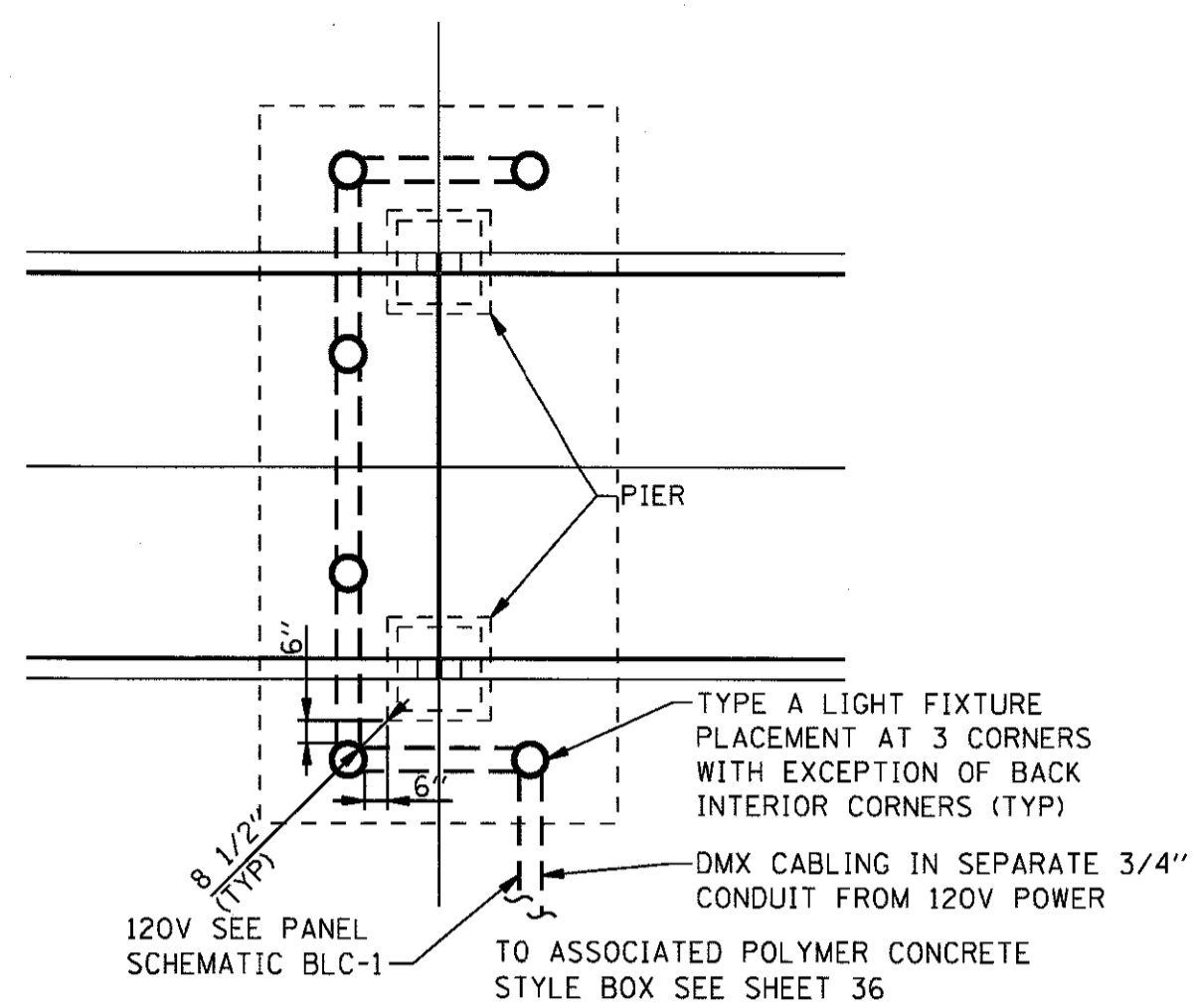
USER NAME = 8291	DESIGNED - D.M.	REVISED -
PLOT SCALE = 25.0000' = 1"	DRAWN - B.K.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHTING PLAN INPUT**

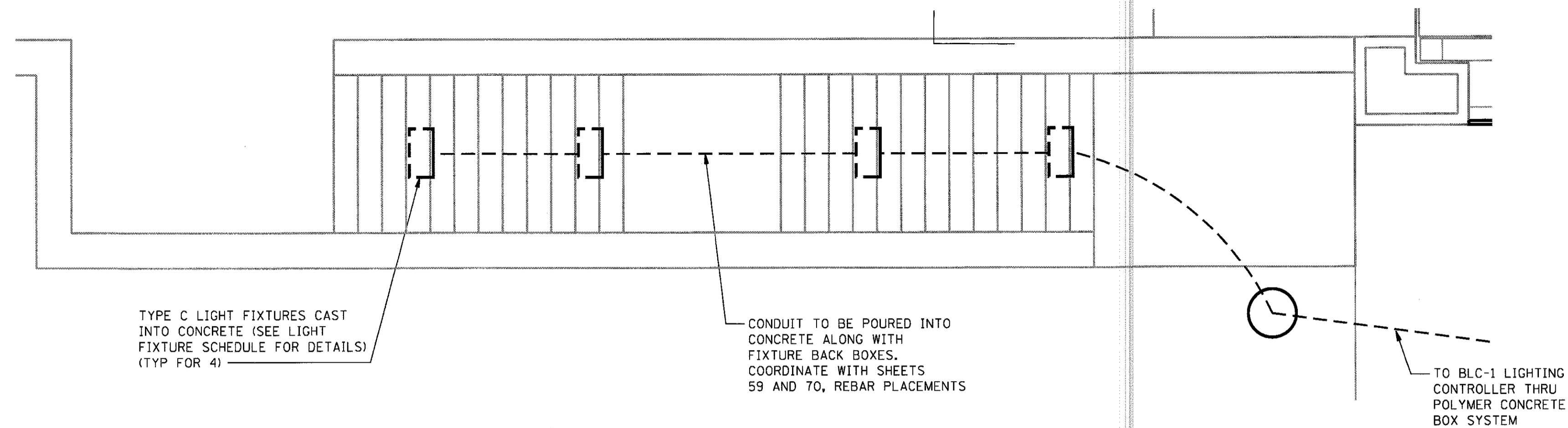
SCALE: 1"=25' SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	36
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



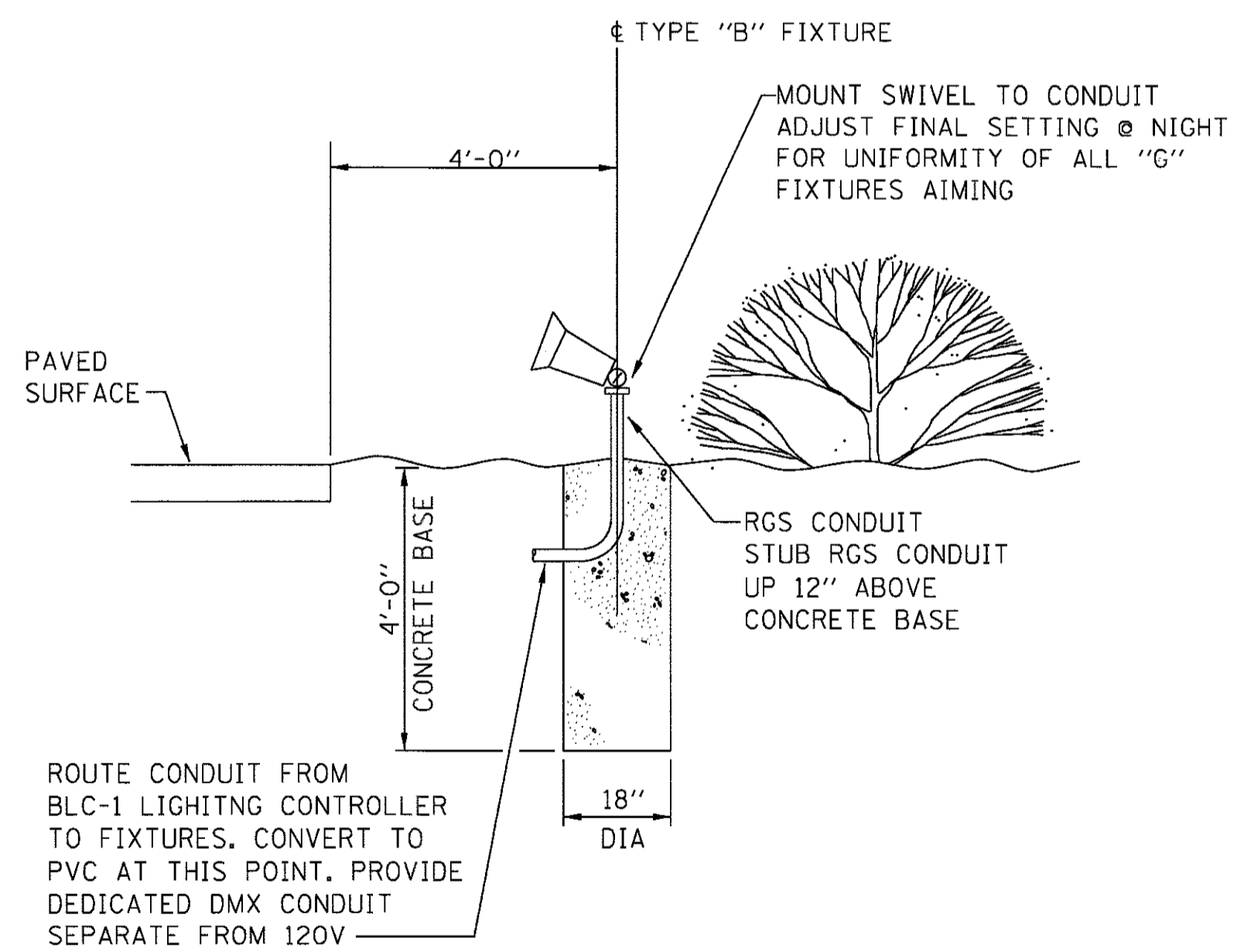
TYPE A FIXTURE MOUNTING DETAIL

SCALE: NONE



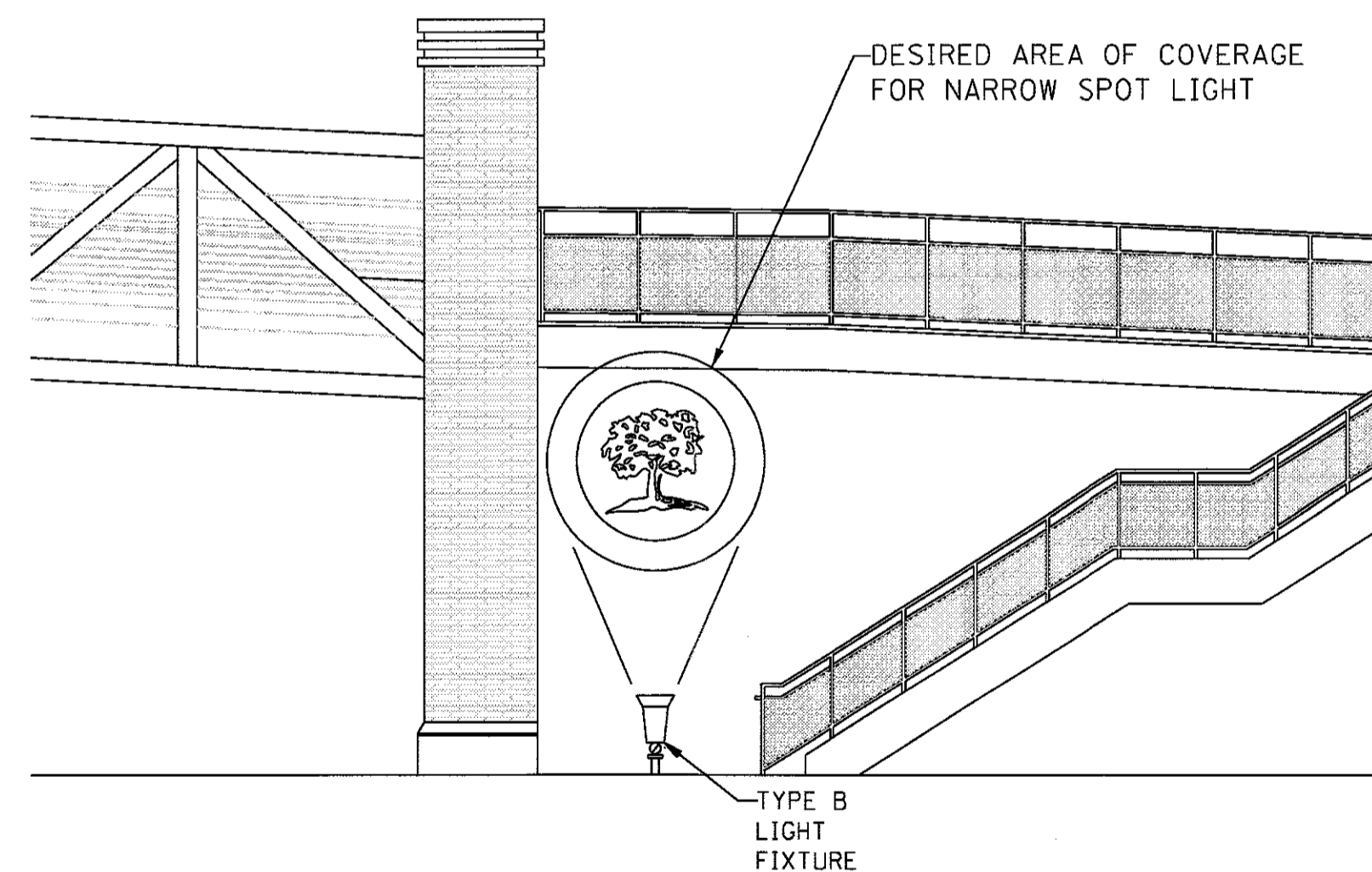
TYPE C FIXTURE MOUNTING DETAIL

SCALE: NONE



TYPE B FIXTURE INSTALLATION DETAIL

SCALE: NONE



TYPE B FIXTURE MOUNTING DETAIL

SCALE: NONE

NOTES:
1. SEE LIGHT FIXTURE SCHEDULE ON SHEET 38.



USER NAME = 8291	DESIGNED - D.M.	REVISED -
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	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHTING SITE PLAN

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	37
				CONTRACT NO. 61097
ILLINOIS FED. AID PROJECT				

SYMBOL	DESCRIPTION	VOLTAGE	LAMPS	REMARKS
A	<p>TYPE: IN GRADE LED FIXTURE WITH RGB LED ARRAY MOLDED POLYMER HOUSING WITH 2 BOTTOM AND 2 SIDE CONDUIT ENTRY FOR .75 INCH CONDUIT. LED MODULE TO BE STAINLESS STEEL WITH SEALED AND PURGED OPTICS 15 DEGREE AIMABLE OPTICS WITH SUBMERSIBLE CONNECTORS AS SHOWN ON DRAWINGS WITH FEED THROUGH CONNECTORS FOR POWER AND DMX 512 DRIVER AND CONTROLLER IN BRONZE JUNCTION BOX WITH SUBMERSIBLE RATED CORD LEADS 12 INCH BRONZE SLOTTED WITH FLAT CLEAR LENS JUNCTION BOX AT BOTTOM OF FIXTURE SHALL HAVE BARRIER SEPARATION BETWEEN POWER AND DMX</p> <p>CONFIG; DRIVER: DOOR MATERIAL: JUNCTION BOX:</p>	120V	LED 18 CHIP ARRAY 47 INPUT WATTS	<p>FIXTURE SHALL BE INSTALLED PER MFG. WITH FRENCH DRAIN SYSTEM BELOW EACH FIXTURE AND PROPER DRAINAGE AWAY FROM FIXTURE</p> <p>FIXTURE SHALL BE CONTROLLED BY DMX CONTROL LAST FIXTURE SHALL HAVE DMX TERMINATOR AT FIXTURE COORDINATE WITH TYPE B AND LED STRIPE STRIP LIGHT FOR CONTROL.</p>
B	<p>TYPE: FLOODLIGHT LED FIXTURE WITH RGB LED ARRAY DIE CAST COPPER FREE ALUMINUM HOUSING WITH INTEGRAL DRIVER AND FULL DMX CONTROL. LUMINAIRE SHALL BE PROVIDED WITH 10 FEET OF BOTH POWER CORD AND SEPARATE DMX CORD TO ROUTE TO QUAZITE BOX BY FIXTURE WITH PROPER SUBMERSIBLE CONNECTORS. YOKE MOUNTING TO POLE MOUNT OPTION. SEE DETAILS. TEMPURED AND IMPACT RESISTANCE GLASS WITH HALF GLARE SHIELD.</p> <p>MOUNTING: DIFFUSER:</p>	120V	LED 36 CHIP ARRAY 97 INPUT WATTS	<p>FIXTURE TO BE PROVIDED WITH A PMSA POLE MOUNT OPTION. THIS SHALL FIT OVER THE CAST IN PLACE CONDUIT PER THE DETAILS AND TIGHTENED IN PLACE WITH SMALL BUSH PER LANDSCAPE PLAN ON ONCOMING TRAFFIC SIDE OF LIGHT.</p> <p>COORDINATE WITH TYPE A AND LED STRIPE STRIP LIGHT FOR CONTROL.</p>
C	<p>TYPE: LED STEP LIGHT, RECESSED INTO CONCRETE STEPS OF STAIRS MATERIAL TO BE CAST BRONZE WITH 6 LED DRIVEN AT 615MA. SILICONE GASKETED TEMPERED GLASS LENS DOOR WITH 3/4 NPT CONDUIT ENTRIES 14 WATT MVOLT TEMPERED LENS RECESSED</p> <p>DRIVER: DIFFUSER: MOUNTING:</p>	120V	LED 15 WATT ARRAY 5300K	COORDINATE TO RECESS INTO STEP OF STAIR ABOVE TREAD OF STAIR AT LOCATIONS SHOWN.
D	<p>TYPE: SIGN LIGHTING LED MODULES AS REQUIRED WAVE LENGTH 7100K, 5000K, TYPICAL BRIGHTNESS LUMENS/MODULE 82, LUMENS/FT 165, WITH 0.85 WATT/SYSTEM MODULE, 3 LED/MODULE WITH 2 MODULES/FOOT. BRIGHT WHITE SIZED AS REQUIRED BY SIGN MANUFACTURER AND LOCATED IN VANDAL RESISTANT NEMA 4X ENCLOSURE.</p> <p>LED COLOR: REMOTE DRIVER:</p>	120V	5300K	<p>SIGN MANUFACTURER SHALL PROVIDE LETTER DEPTH AS REQUIRED BY LED MANUFACTURER TO PROVIDE PROPER DISTRIBUTION OF BACKLIGHTING EFFECT</p> <p>REMOTE DRIVER LOCATION TO BE COORDINATED BY SIGN MANUFACTURER TO PREVENT TAMPERING</p>
F	<p>TYPE: LED RGB STRIPE LIGHTING CONTINUAL STRIP. DMX CONTROL OR WIRELESS OPTION AS REQUIRED TO ACHIEVE SAME COLOR CHANGES OF FIXTURE TYPES A AND B. LED STRIP LIGHT TO BE WATERPROOF RGB 5050 LED 30/M, 10MM WIDE, BY 5 M REELS WITH 4 - 24 VOLT POWER SUPPLIES SIZED AS REQUIRED PER EACH SIDE. RGB SIZED AS REQUIRED BY SIGN MANUFACTURER AND LOCATED IN VANDAL RESISTANT NEMA 4X ENCLOSURE.</p> <p>LED COLOR: REMOTE DRIVER:</p>	120V	RGB	<p>SIGN MANUFACTURER SHALL PROVIDE DMX OR WIRELESS CONTROL OF RGB FUNCTION TO MATCH TYPE A AND B FIXTURES ON FACE OF SUPPORT</p> <p>COLUMNS AND LOGO.</p> <p>REMOTE DRIVER LOCATION TO BE COORDINATED BY SIGN MANUFACTURER TO PREVENT TAMPERING</p>

LIGHTING BILL OF MATERIALS

(PAID AS PEDESTRIAN BRIDGE LIGHTING SYSTEM)

ITEM	QUANTITY	UNIT
EXISTING ELECTRICAL LIGHTING TRAFFIC CONTROLLER T1 - 60A/2P BREAKER	1	EACH
3#4 CABLE	400	FOOT
1" PVC SCHEDULE 80	400	FOOT
NEW LIGHTING CONTROLLER BLC-1 (INCLUDES DMX CONTROLLER, PANEL SECTION, SPACE FOR IRRIGATION CONTROLLER)	1	EACH
3#10 IN 3/4" PVC SCHEDULE 40 CONDUIT	2000	FOOT
DMX CABLE IN 3/4" PVC SCHEDULE 40 CONDUIT	1000	FOOT
POLYMER CONCRETE BOX 11 X 18 INCH	4	EACH
TYPE A LIGHT FIXTURES	12	EACH
TYPE B LIGHT FIXTURES	2	EACH
TYPE C LIGHT FIXTURES	8	EACH



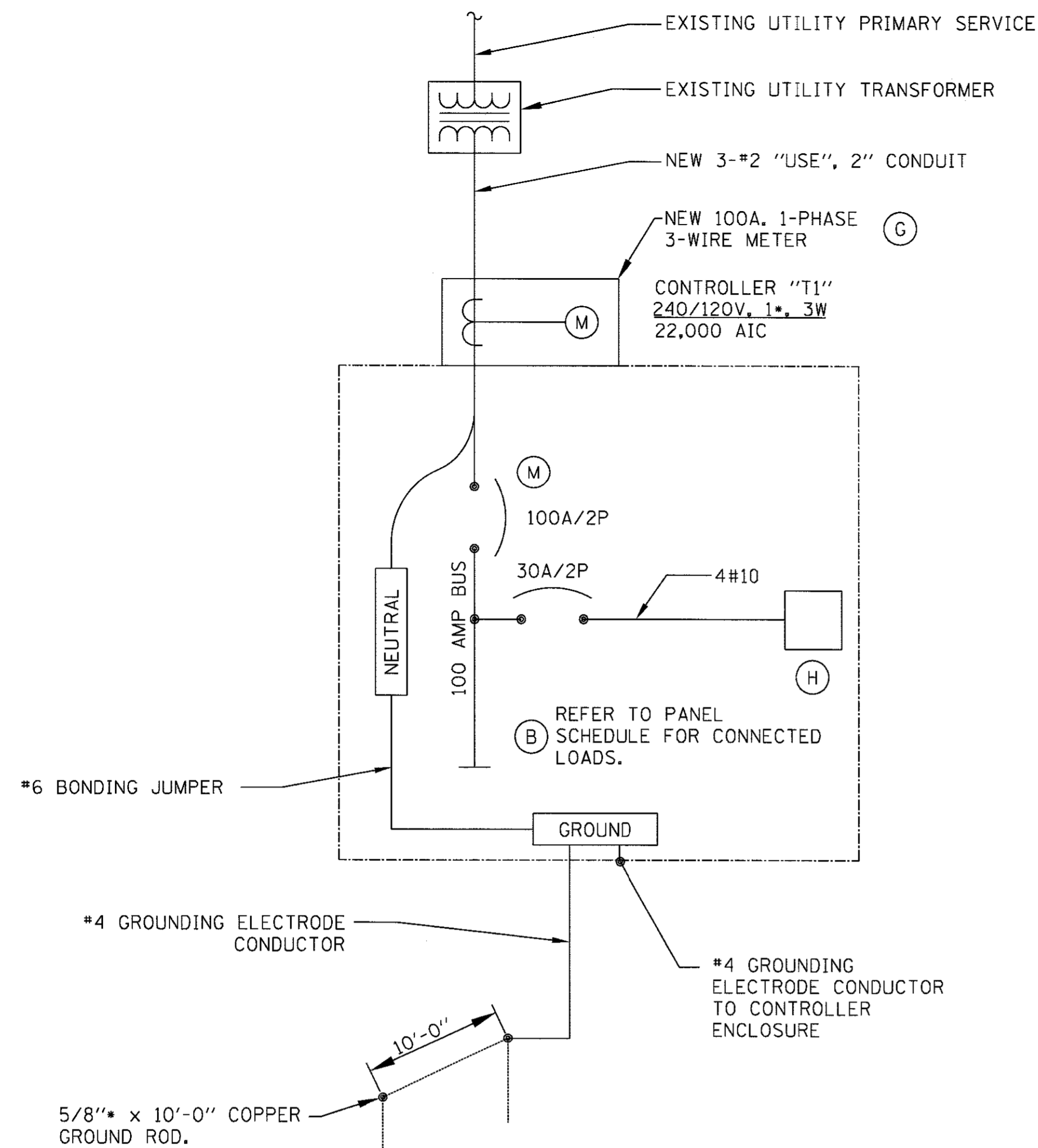
USER NAME = 8291	DESIGNED - D.M.	REVISED -
PLOT SCALE = 50.0000' / 1" =	DRAWN - B.K.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHT FIXTURE SCHEDULE**

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	38
CONTRACT NO.			61D97	
ILLINOIS FED. AID PROJECT				



EXISTING ONE LINE DIAGRAM CONTROLLER "T1"
SCALE: NONE

REMOVE EXISTING 20A/2P BREAKER AND REPLACE WITH 60A/2P BREAKER. CIRCUIT DESIGNATION SHALL BE FOR TOUGHY STREET PED BRIDGE LIGHTING CONTROLLER BLC-1

TYPE: BOLT-ON		PANEL NAME: CONTROLLER "T1"		CONNECTED 12.7 KVA	
MOUNTING: SURFACE - INTERIOR ONLY		SOLID NEUTRAL		MAIN: 100A MCB	
FED FROM: UTILITY		GROUND BUS		VOLTS: 240/120	
AIC RATING: 22,000				PHASE: 1	
				WIRE: 3	

CKT NO.	LOAD DESCRIPTION	WIRE SIZE	LOAD KVA	BREAKER AMP	BREAKER P	LOAD KVA	WIRE SIZE	LOAD DESCRIPTION	CKT NO.		
1	"A" POLE LIGHTING	*S	1.2	20	2	1.6	*S	"B" POLE LIGHTING	2		
3	"A" POLE LIGHTING	--	--	--	--	--	--	"B" POLE LIGHTING	4		
5	"C" POLE LIGHTING	*S	1.3	20	2	1.3	*S	"D" POLE LIGHTING	6		
7	"C" POLE LIGHTING	--	--	--	--	--	--	"D" POLE LIGHTING	8		
9	"E" POLE LIGHTING	*S	1.4	20	2	1.2	*S	"F" POLE LIGHTING	10		
11	"E" POLE LIGHTING	--	--	--	--	--	--	"F" POLE LIGHTING	12		
13	"G" POLE LIGHTING	*S	2.0	20	2	2.2	*S	"H" POLE LIGHTING	14		
15	"G" POLE LIGHTING	--	--	--	--	--	--	"H" POLE LIGHTING	16		
17	TOUGHY BRIDGE LIGHTING			60	2			SPARE	18		
19	CONTROLLER BLC-1	--	--	--	--	--	--	SPARE	20		
21	SPACE							SPACE	22		
23	SPACE							SPACE	24		
25	SPACE							SPACE	26		
27	LGT. RECEPT. IN CABINET	12	0.3	20	1	30	2	0.1	10	SURGE ARRESTOR	28
29	LGT CONTROL	12	0.1	20	1	--	--	--	--	SURGE ARRESTOR	30

NOTES: *S = REFER TO WIRING DIAGRAM FOR WIRE SIZE.

BRANCH CIRCUIT PANEL INTERIOR WITH DEAD FRONT TRIM, 100A COPPER BUS, 240/120 VOLT, MOLDED CASE THERMAL MAGNETIC CIRCUIT BREAKERS, BOLT ON TYPE, AIC RATING OF 22,000 AMPS AT 240 VOLTS.

PCC FOUNDATION

EXISTING LIGHTING CONTROL CABINET
SCALE: NONE

PROVIDE 2-1" CONDUITS TO BLC-1 PROVIDE 2-RGS "LB'S" AS REQUIRED AND TRANSITION TO PVC ONCE HORIZONTAL BELOW GRADE EXISTING STUBOUTS MAY EXIST. VERIFY AND USE STUBOUTS TO EXTEND IF ALREADY IN PLACE



USER NAME = 8291	DESIGNED - D.M.	REVISED -
PLOT SCALE = 50.0000' / 1" =	DRAWN - B.K.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
EXISTING LIGHTING CONTROLLER DRAWING

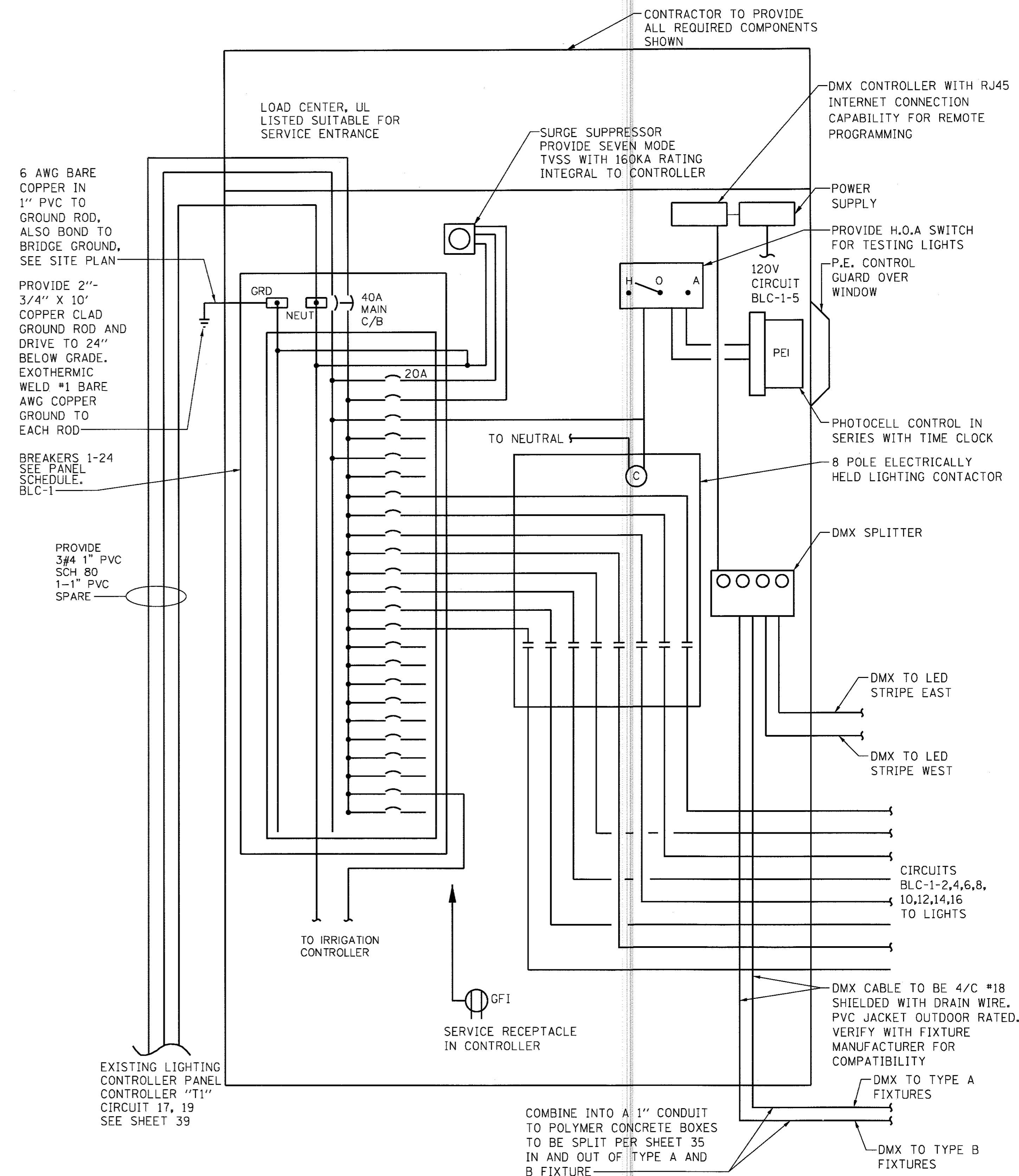
SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 39
CONTRACT NO. 61D97				ILLINOIS FED. AID PROJECT

TYPE: <u>BOLT-ON</u>		PANEL NAME: <u>CONTROLLER "BLC-1"</u>		MAIN: <u>100A MLO</u>	
MOUNTING: <u>SURFACE - INTERIOR ONLY</u>		SOLID NEUTRAL		VOLTS: <u>240/120</u>	
FED FROM: <u>UTILITY</u>		GROUND BUS		PHASE: <u>1</u>	
AIC RATING: <u>22,000</u>				WIRE: <u>3</u>	

CKT NO.	LOAD DESCRIPTION	WIRE SIZE	LOAD KVA	BREAKER AMP	P	BREAKER AMP	P	LOAD KVA	WIRE SIZE	LOAD DESCRIPTION	CKT NO.
1	SURGE SUPPRESSION (SWITCH ONLY)	3*10		20	1	20	1		3*10	LOGO SPOT LIGHTS RGB	2
3	SURGE SUPPRESSION (SWITCH ONLY)	3*10		20	1	20	1		3*10	PIER IN GRADE SPOT LIGHTS RGB	4
5	LIGHTING CONTROLS, DMX CONTROLLER	3*10		20	1	20	1		3*10	STAIR LIGHTING	6
7	IRRIGATION CONTROLLER	3*10		20	1	20	1		3*10	LINCOLNWOOD SIGN LIGHTING (EAST)	8
9	SERVICE RECEPTACLE	3*10		20	1	20	1		3*10	LINCOLNWOOD SIGN LIGHTING (WEST)	10
11	SPARE	3*10		20	1	20	1		3*10	LED STRIPE ON BRIDGE (EAST)	12
13	SPARE	3*10		20	1	20	1		3*10	LED STRIPE ON BRIDGE (EAST AND WEST)	14
15	SPARE	3*10		20	1	20	1		3*10	LED STRIPE ON BRIDGE (WEST)	16
17	SPARE	3*10		20	1	20	1			SPARE	18
19	SPARE	3*10		20	1	20	1			SPARE	20
21	SPARE	3*10		20	1	20	1			SPARE	22
23	SPARE	3*10		20	1	20	1			SPARE	24

NOTES: *S = REFER TO WIRING DIAGRAM FOR WIRE SIZE.



NEW BRIDGE LIGHTING CONTROLLER BLC-1 DIAGRAM
SCALE: NONE



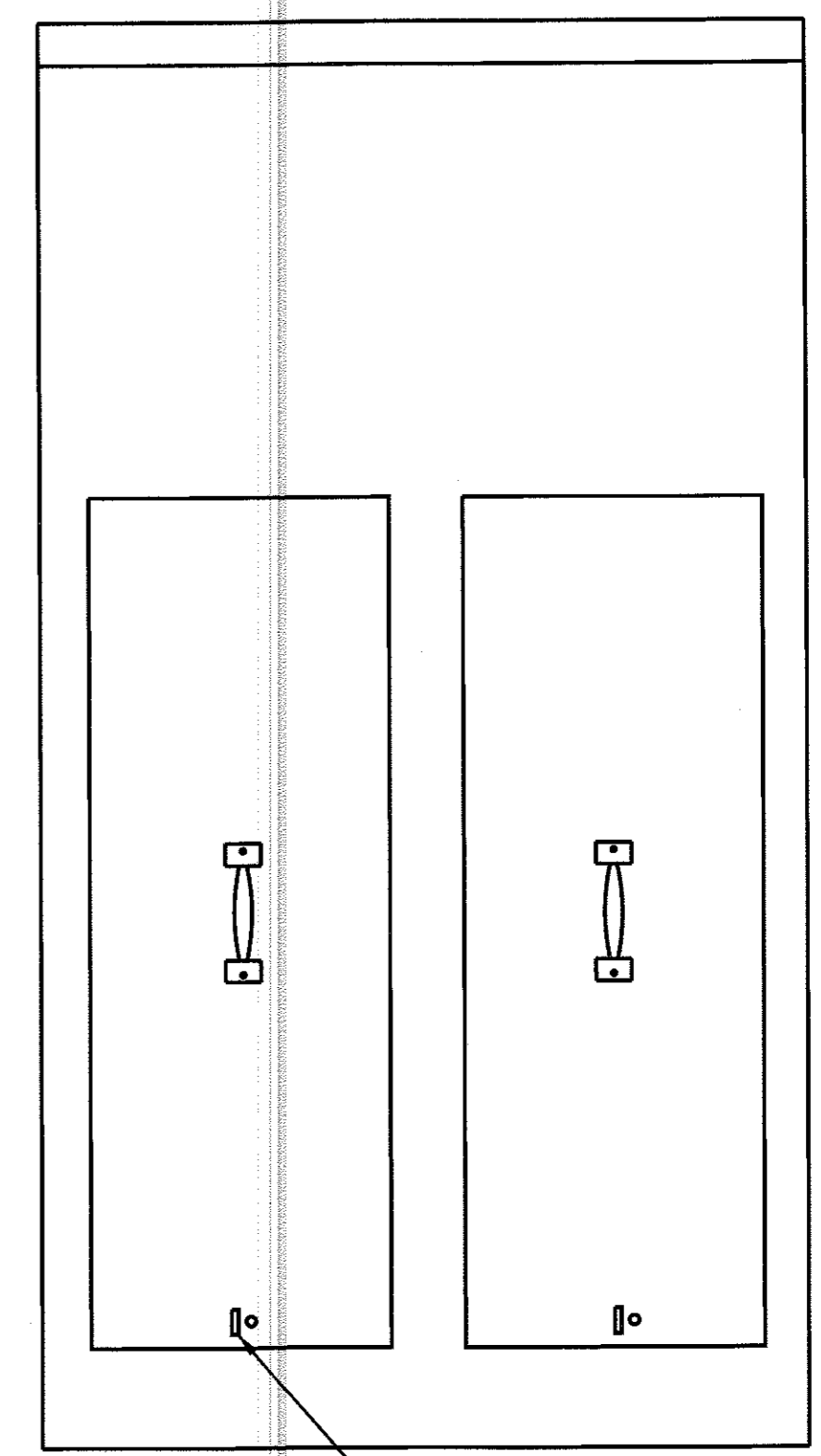
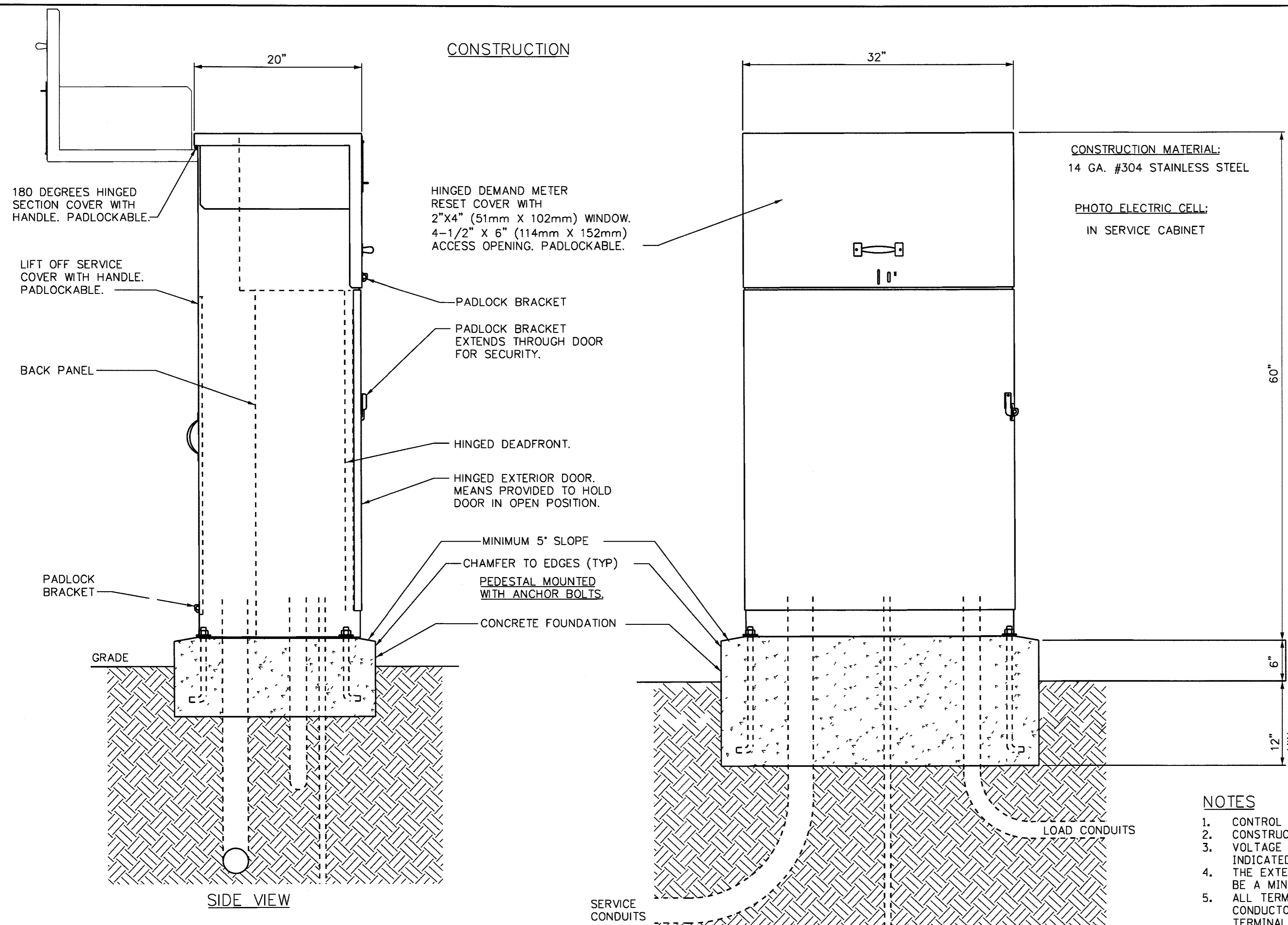
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PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHTING CONTROLLER DRAWING

SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

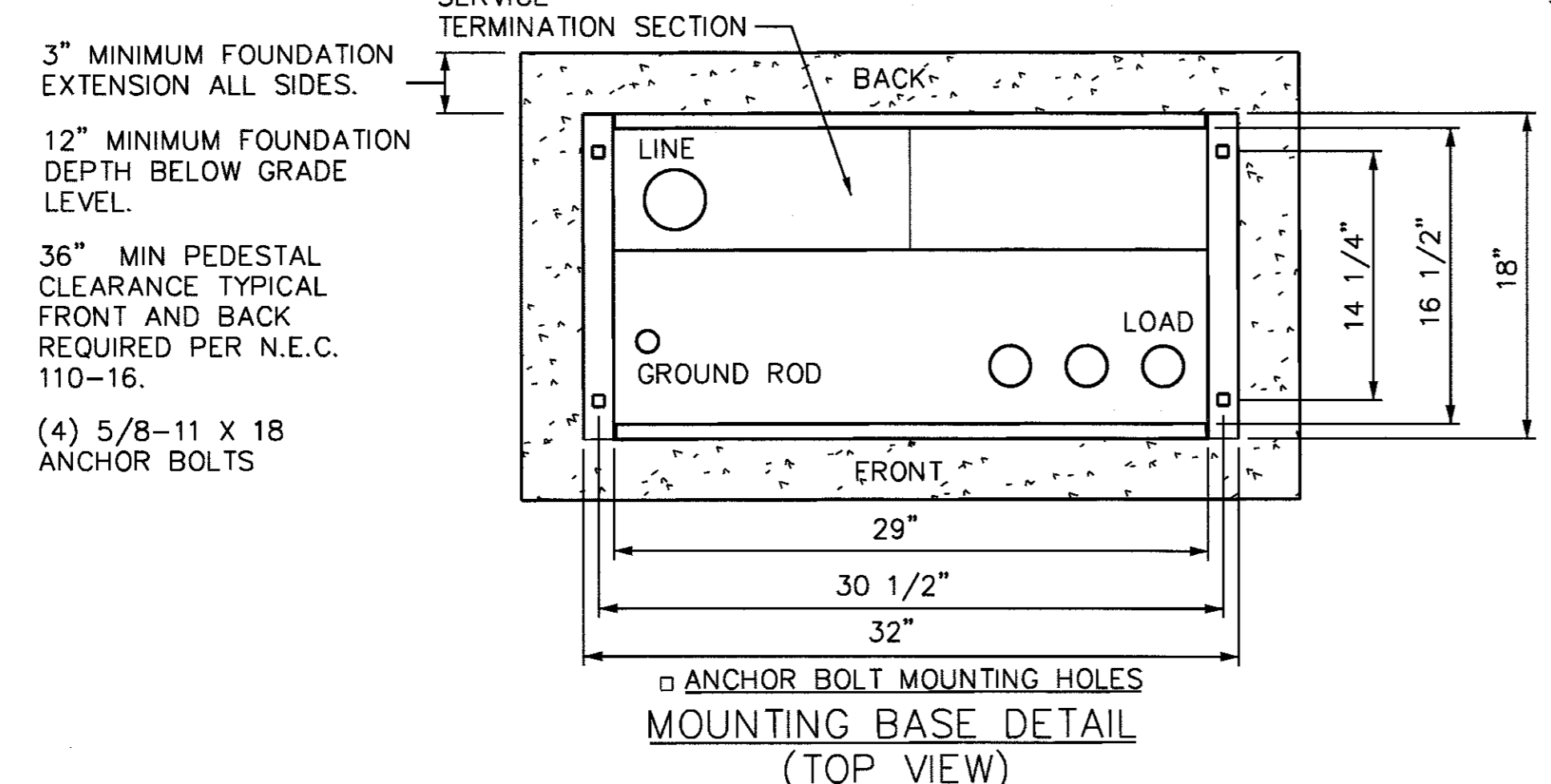
F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 40
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	



BACK VIEW

NOTES

- CONTROL CABINET SHALL BE U/L LISTED "INDUSTRIAL CONTROL PANEL" PER UL 508.
- CONSTRUCTION SHALL BE NEMA 3R.
- VOLTAGE RATINGS OF SERVICE EQUIPMENT SHALL CONFORM TO THE SERVICE VOLTAGES INDICATED ON THE PLANS.
- THE EXTERIOR DOOR SHALL HAVE PROVISIONS FOR PADLOCKING. THE PADLOCK HOLE SHALL BE A MINIMUM DIAMETER OF 1/2".
- ALL TERMINALS FOR INCOMING SERVICE CONDUCTORS SHALL BE COMPATIBLE WITH COPPER CONDUCTORS SIZED TO SUIT THE CONDUCTORS SHOWN ON THE PLAN. TERMINAL LUGS SHALL BE COPPER OR TIN-PLATED ALUMINUM. SOLID NEUTRAL TERMINAL STRIP SHALL BE RATED 125A UNLESS OTHERWISE SPECIFIED AND FOR USE WITH COPPER CONDUCTORS. THE TERMINAL SHOULD INCLUDE BUT NOT BE LIMITED TO:
 - INCOMING TERMINALS (LANDING LUGS)
 - NEUTRAL LUGS
 - SOLID NEUTRAL TERMINAL STRIP.
 - TERMINAL STRIPS FOR CONDUCTORS WITHIN THE ENCLOSURE.
- PROVIDE BREAKERS AS SHOWN ON PANEL SCHEDULES FOR BRANCH CIRCUITS. CIRCUIT BREAKER INTERIORS SHALL BE COPPER. INTERIORS SHALL ACCEPT PLUG-IN OR CABLE-IN/ CABLE-OUT CIRCUIT BREAKERS.
- BOLT ON CIRCUIT BREAKERS MAY BE MOUNTED IN THE VERTICAL OR HORIZONTAL POSITION. CABLE-IN/ CABLE-OUT CIRCUIT BREAKERS SHALL BE MOUNTED IN THE VERTICAL POSITION.
- FASTENERS ON THE EXTERIOR OF THE ENCLOSURE SHALL BE VANDAL RESISTANT AND SHALL NOT BE REMOVABLE FROM THE EXTERIOR. ALL NUTS, BOLTS, SCREWS, WASHERS, AND HINGES SHALL BE STAINLESS STEEL.
- PHENOLIC NAME PLATES SHALL BE PROVIDED AS REQUIRED.
- A PLASTIC COVERED WIRING DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
- FOUNDATION SHALL EXTEND 3" MINIMUM BEYOND EDGE OF ENCLOSURE.



MOUNTING BASE DETAIL (TOP VIEW)

BLC-1 LIGHTING AND IRRIGATION CONTROLLER CABINET
SCALE: NONE

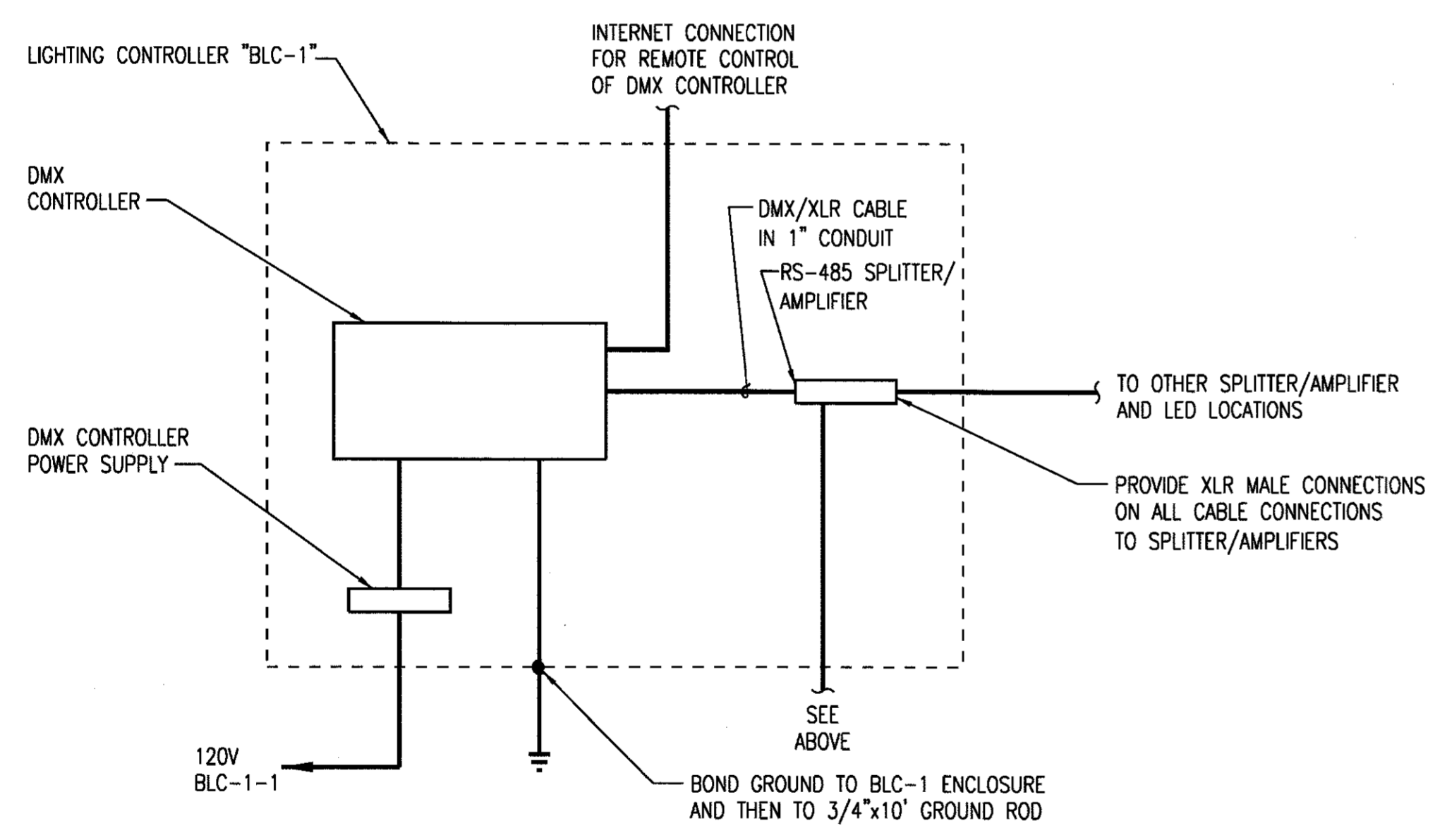
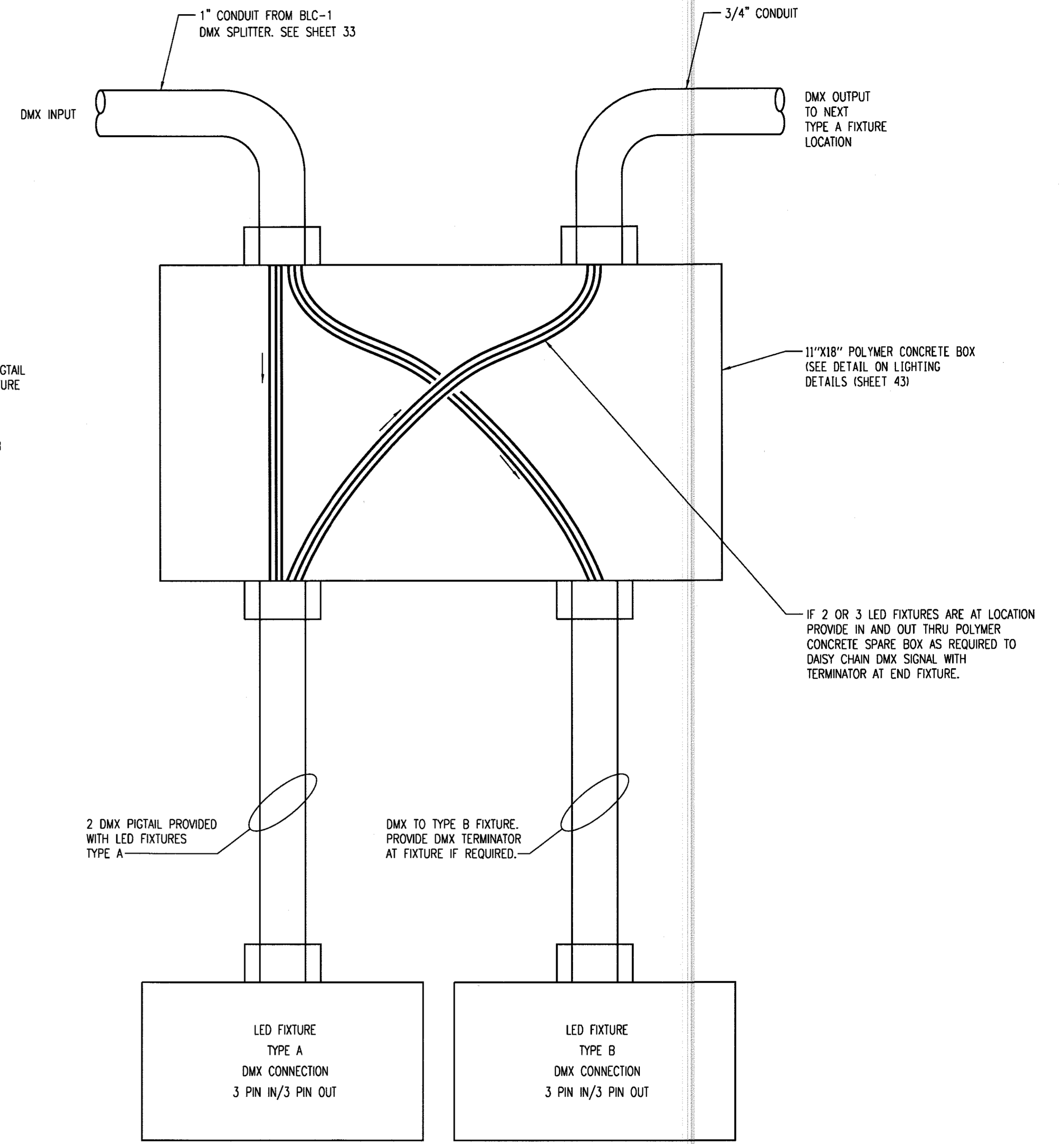
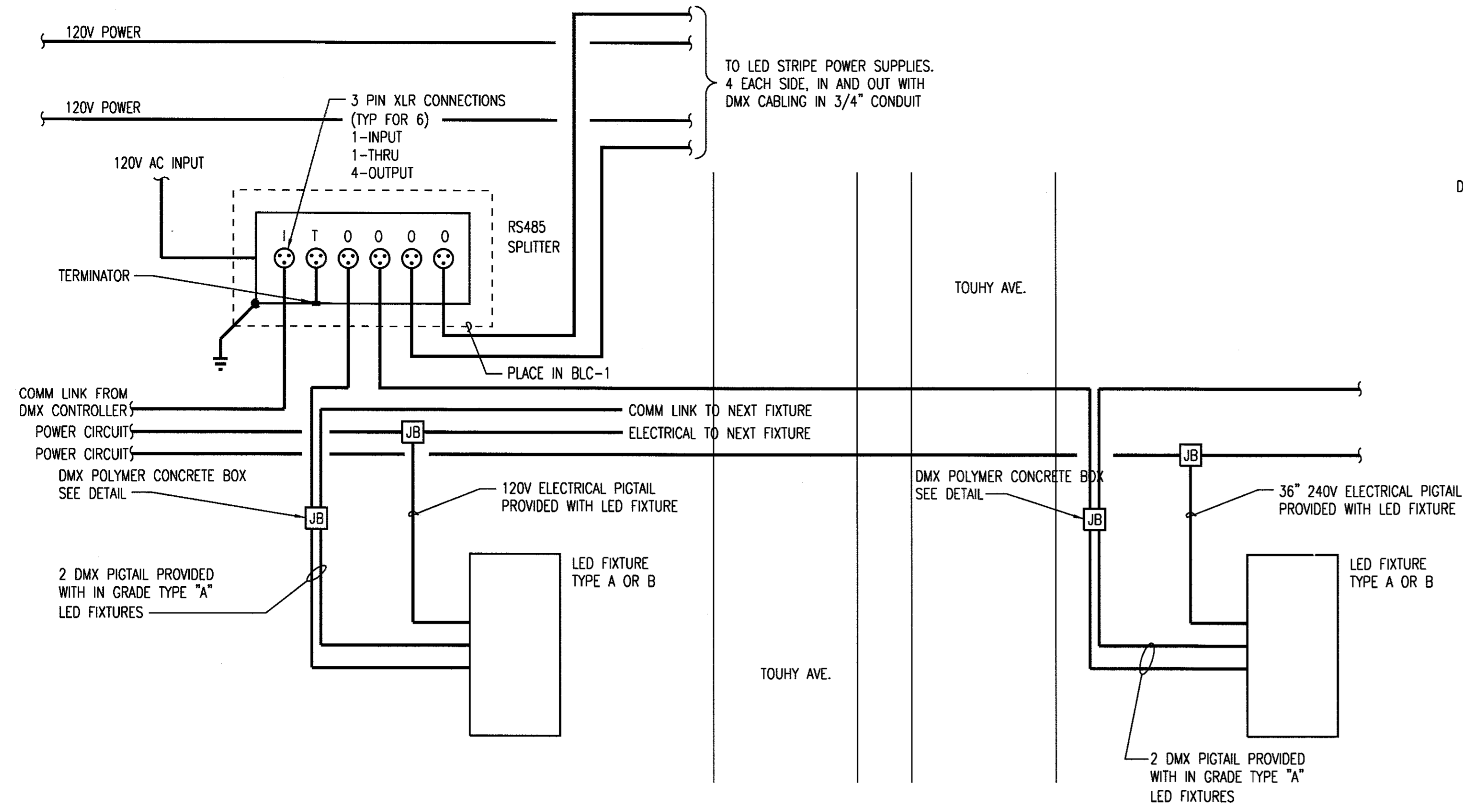


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PLOT SCALE = 50.0000' / 1"	DRAWN - B.K.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHTING CONTROLLER CABINET DETAIL
SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	41
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



CONTROL SCHEMATIC FOR RGB LED LIGHT FIXTURES TYPE A AND B AND LED STRIPE ON EACH SIDE OF BRIDGE
SCALE: NONE

DMX POLYMER CONCRETE BOX DETAIL (TYP ALL LED FIXTURE LOCATIONS)
SCALE: NONE



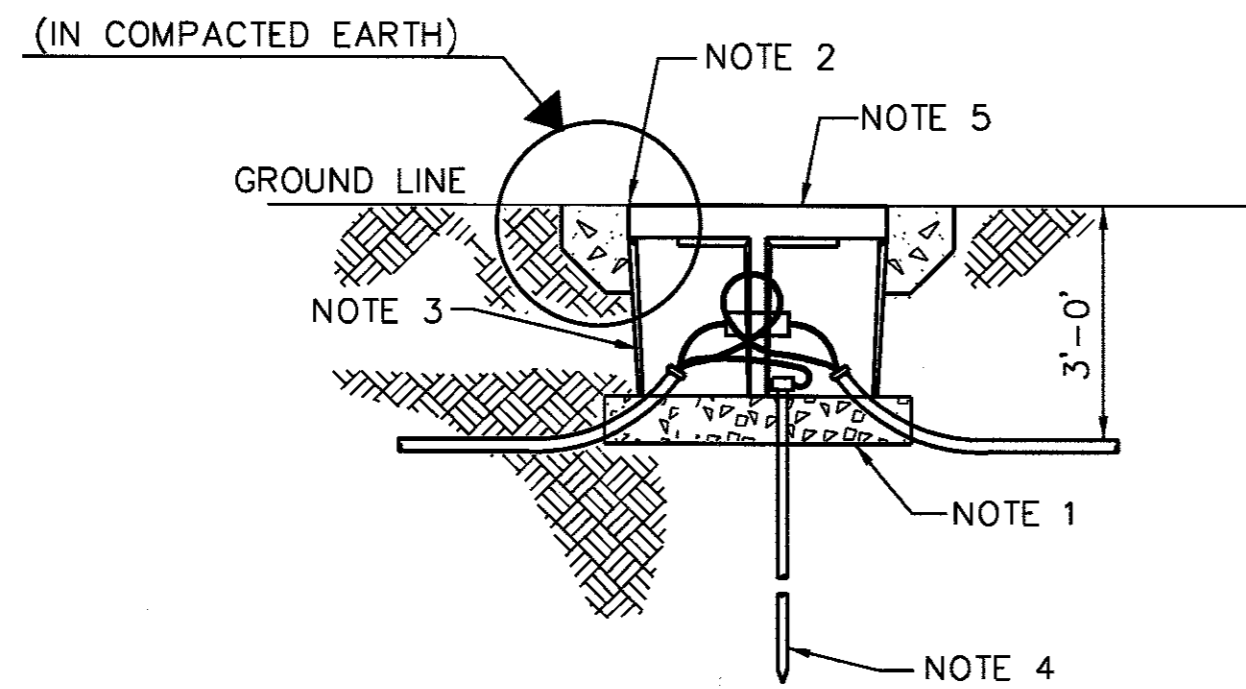
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PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHTING DETAILS (SHEET 1 OF 3)

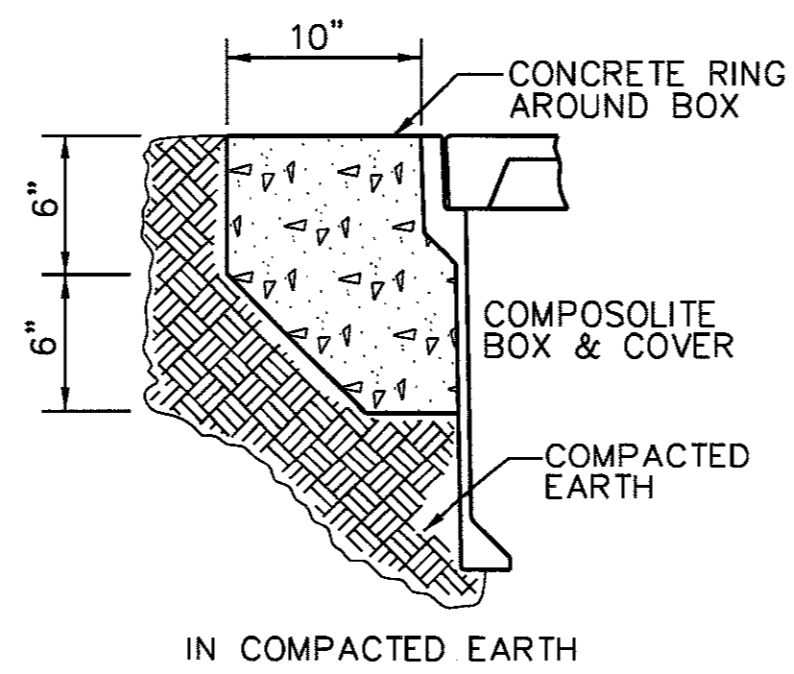
SCALE: N.T.S. SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	42
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

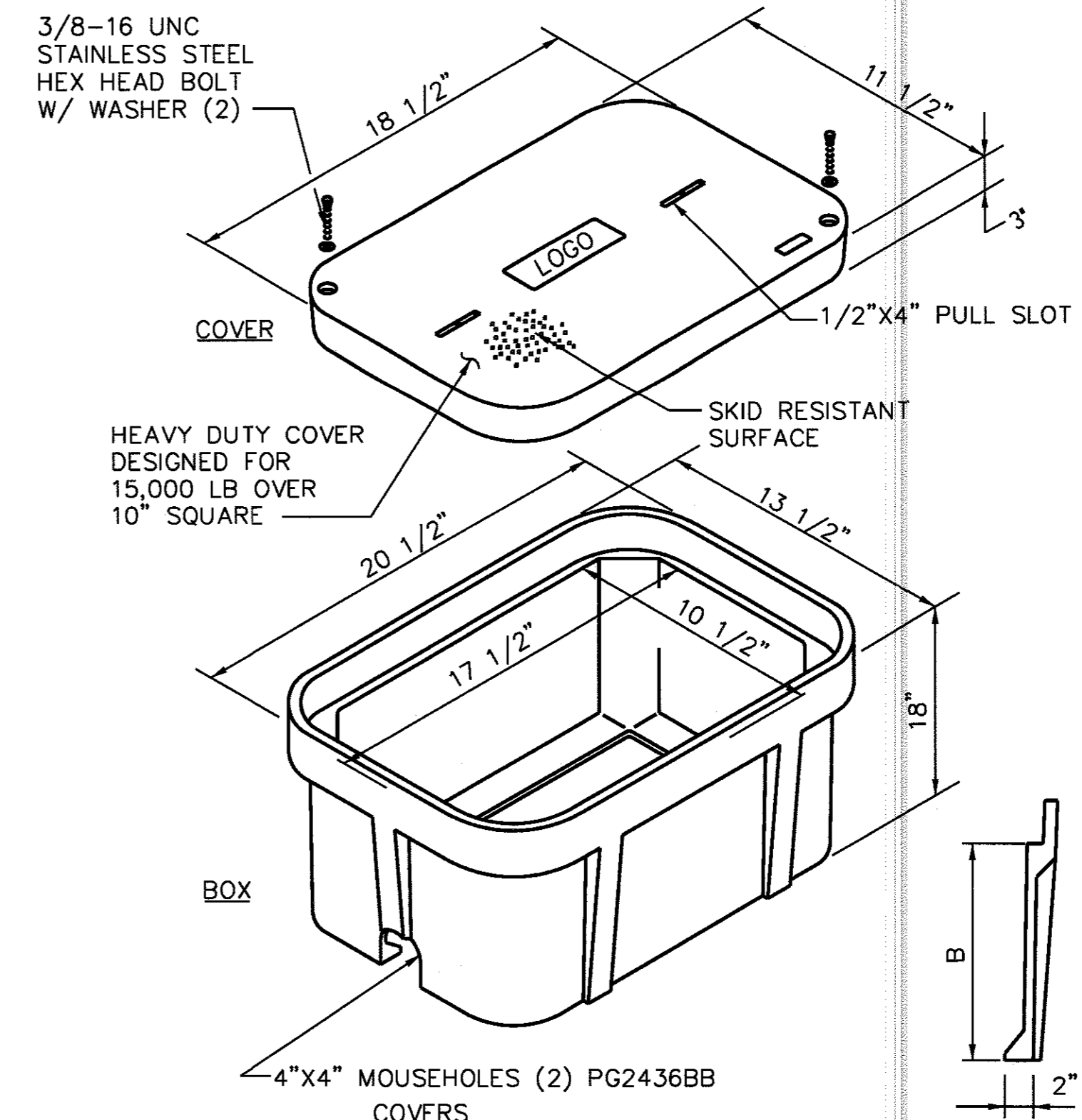


- NOTES:
1. PREPARE THE EXCAVATION APPROXIMATELY 6 INCHES DEEPER THAN THE DEPTH OF THE BOX, THEN ADD 6 TO 8 INCHES OF GRAVEL OR CRUSHED ROCK FOR DRAINAGE.
 2. PLACE BOX IN HOLE WITH TOP AT GRADE LEVEL.
 3. FILL AND COMPACT SOIL TO GRADE LEVEL WITH COVER IN BOX.
 4. 3/4"x10'-0" COPPER CLAD GROUND ROD. LEAVE 3" OF ROD ABOVE BASE OF HANDHOLE FOR EXOTHERMIC WELDING GROUNDS TO.
 5. SEE DRAWINGS FOR EXACT LOCATION OF HANDHOLES.

TYPICAL HANDHOLE INSTALLATION ELEVATION
SCALE: NONE



- NOTES:
1. CONCRETE ENCASEMENT TO BE 3,500 PSI @ 28 DAYS MINIMUM.
 2. CONCRETE ENCASEMENT RING DIMENSION, D TO BE EQUAL TO DESIGN PAVEMENT DEPTH.



DESCRIPTION
HEAVY DUTY W/ 2 BOLTS

DESCRIPTION
W/ NO BASE, (2) MOUSEHOLES

- PROVIDE:
1. SPECIFIC "ELECTRIC" LOGO.
 2. POLYMER CONCRETE COLOR-DARK GREEN.
 3. 1"x4" BELL PULL SLOT.

11"x18" POLYMER CONCRETE HANDHOLE
SCALE: NONE



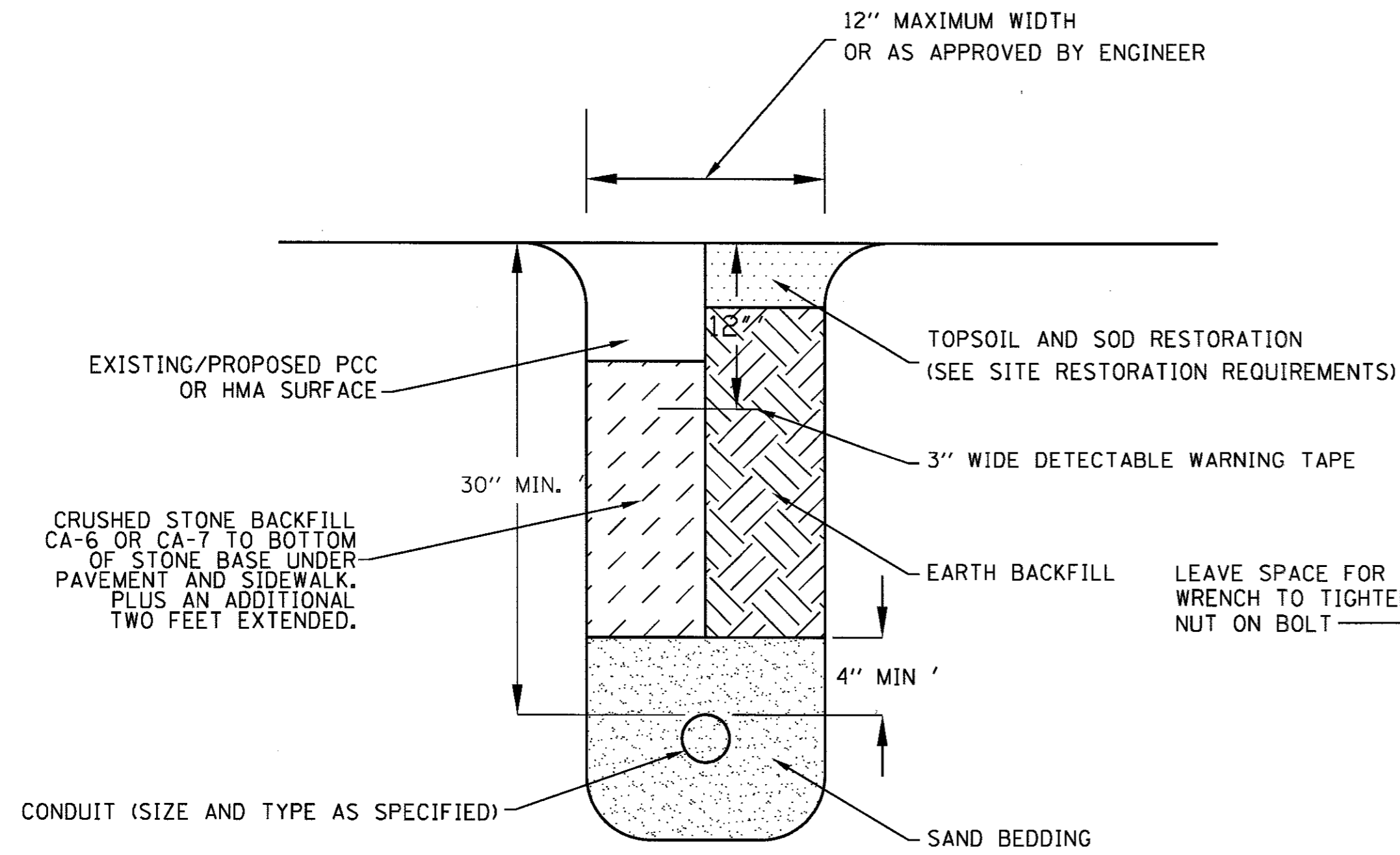
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PLOT SCALE = 50,0000' / 1" =	DRAWN - B.K.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHTING DETAILS (SHEET 2 OF 3)

SCALE: N.T.S. SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	43
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

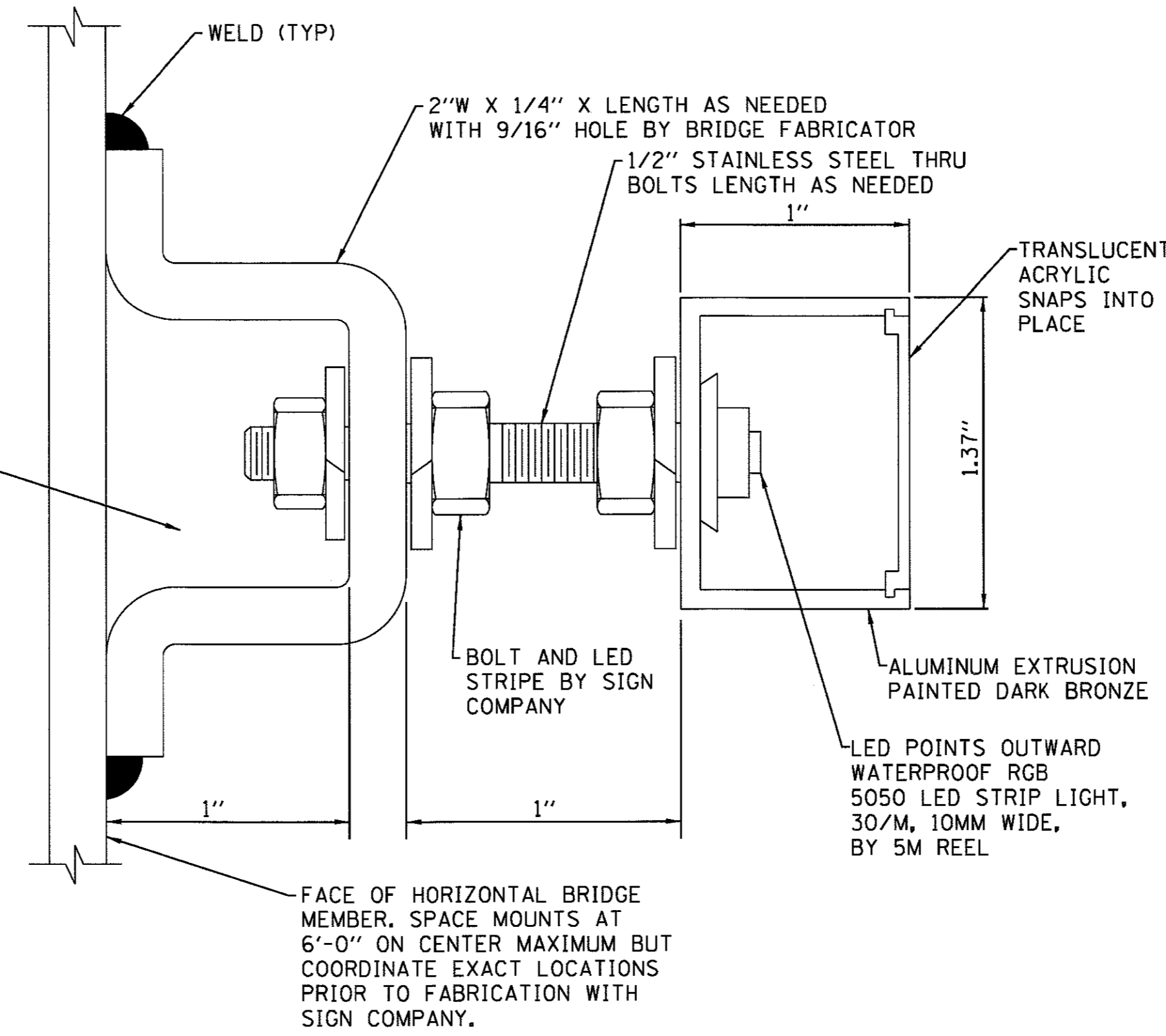


TYPICAL CONDUIT IN TRENCH DETAIL

SCALE: NONE

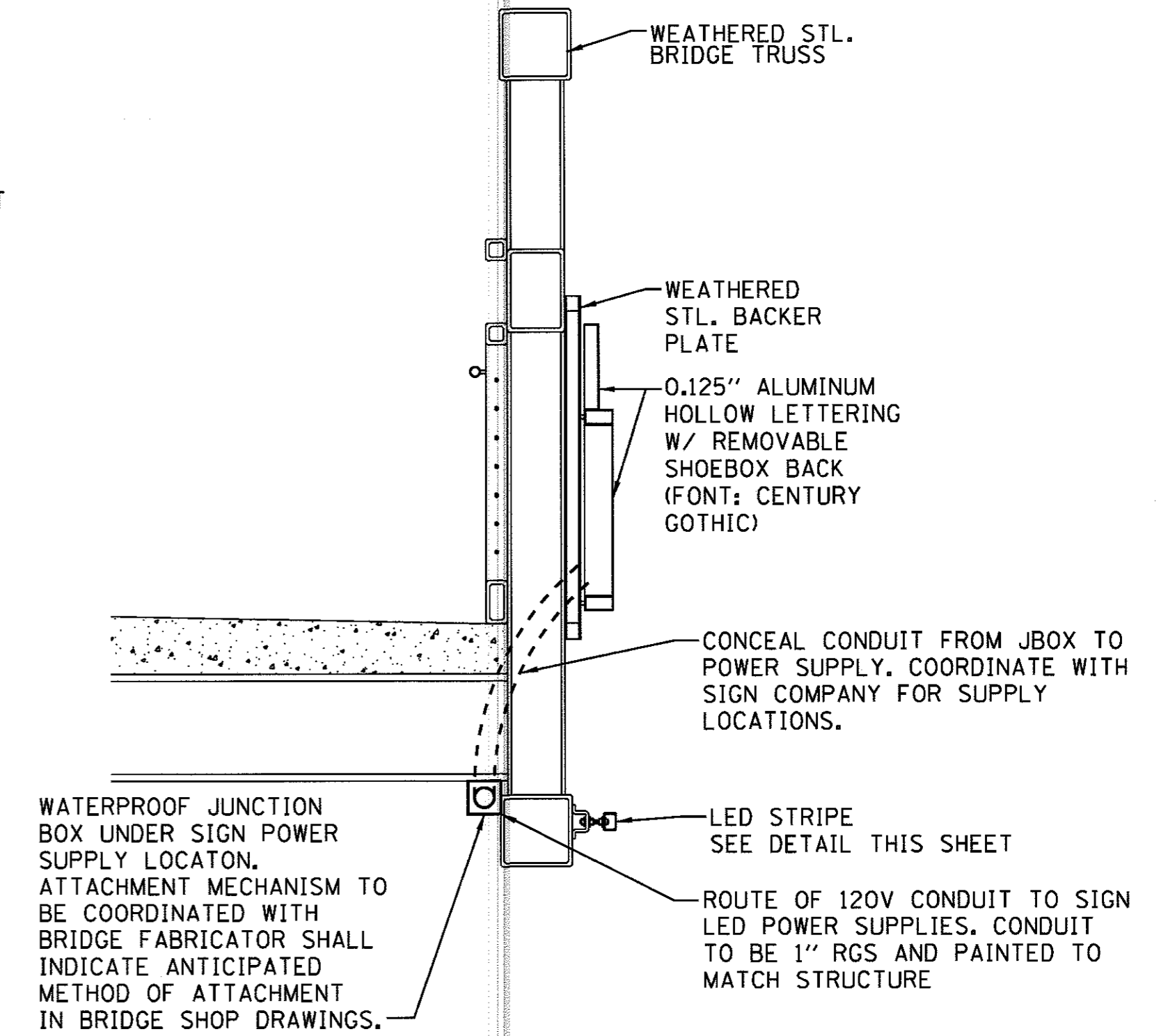
NOTES:

1. CONDUIT SHALL BE SURROUNDED BY 4" OF COMPACTED SAND.
2. BACKFILL SHALL BE PLACED AND COMPACTED IN 8" LIFTS
3. EARTH BACKFILL SHALL BE COMPACTED TO 95% OF THE DENSITY OF SURROUNDING UNDISTURBED SOIL.



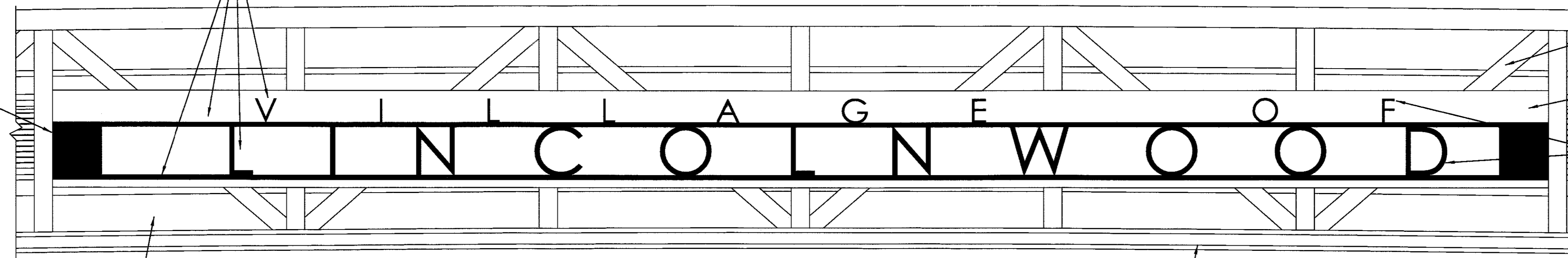
LED STRIPE DETAIL

SCALE: NONE



ALL SOLID BLOCK LETTERS AND LINES SHALL BE BACK LIT WITH TYPE D LIGHT MODULES. ROUTE THE WIRING IN HORIZONTAL LINE AREAS

END CAPS ARE POSSIBLE LOCATION FOR POWER SUPPLIES ONE AT EACH END.



SIGN LIGHTING DETAIL

SCALE: NONE

SIGN COMPANY SHALL PROVIDE POWER SUPPLIES IN NEMA ENCLOSURES APPROVED BY MANUFACTURER. ENCLOSURES SHALL BE VANDAL RESISTANT AND LOCATED OUT OF ACCESS TO PEDESTRIANS BUT SERVICEABLE BY SIGN COMPANY.

295'-0" LONG RGB LED STRIPE BY SIGN COMPANY WITH 4 POWER SUPPLIES SPACED EVENLY UNDER DECK OF BRIDGE



USER NAME = 8291	DESIGNED - D.M.	REVISED -
PLOT SCALE = 50.0000' / 1"	DRAWN - B.K.G.	REVISED -
PLOT DATE = 5/26/2017	CHECKED - D.M.	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
LIGHTING DETAILS (SHEET 3 OF 3)

SCALE: N.T.S. SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	44
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

Benchmark: Southeast corner of concrete base of lightpole in median of Lincoln at north property line of #7366, 1948372.2050N, 1144757.0230E, Elev. 610.97

Existing Structure: None

STATION 17+83.07
BUILT 20__ BY
VILLAGE OF LINCOLNWOOD
LOADING H-10
STRUCTURE NO. 016-6347

NAME PLATE
See Std. 515001

DESIGN SPECIFICATIONS
2014 AASHTO LRFD Bridge Design Specifications, 7th Edition, with 2015 and 2016 Interims

2009 AASHTO Guide Specifications for Design of Pedestrian Bridges (Prefabricated Truss)

2012 Illinois Department of Transportation Bridge Manual

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (Bridge Prefabricated Truss Steel - AASHTO M270 Grade 50W)

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.068g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.104g
Soil Site Class = C

SHARED-USE PATH BRIDGE LOADING

90#/sq. ft. Pedestrian Loading
H-10 Vehicle Loading
Allow 25#/sq. ft. for Future Wearing Surface

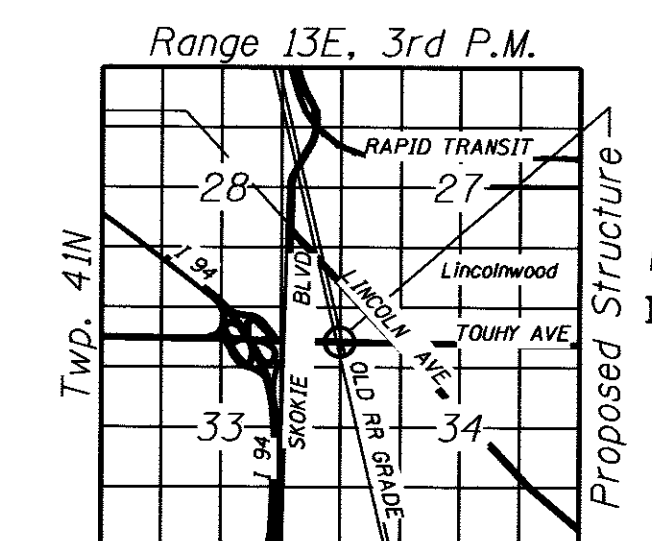
APPROVED
For Structural Adequacy Only
D. Scott Eshleman
Engineer of Bridges & Structures



EXPIRATION DATE: 11-30-18

DATE: 6/26/17

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.



LOCATION SKETCH

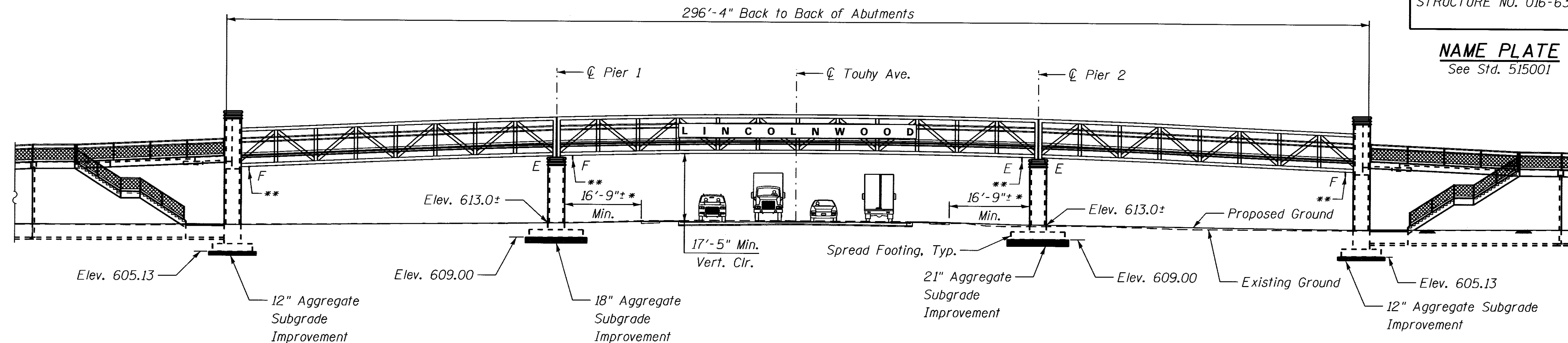
GENERAL PLAN & ELEVATION
LINCOLNWOOD VALLEY LINE TRAIL OVER TOUHY AVENUE

F.A.U. RTE. 1340 SECTION 12-00059-00-BR

COOK COUNTY

STATION 17+83.07

STRUCTURE NO. 016-6347



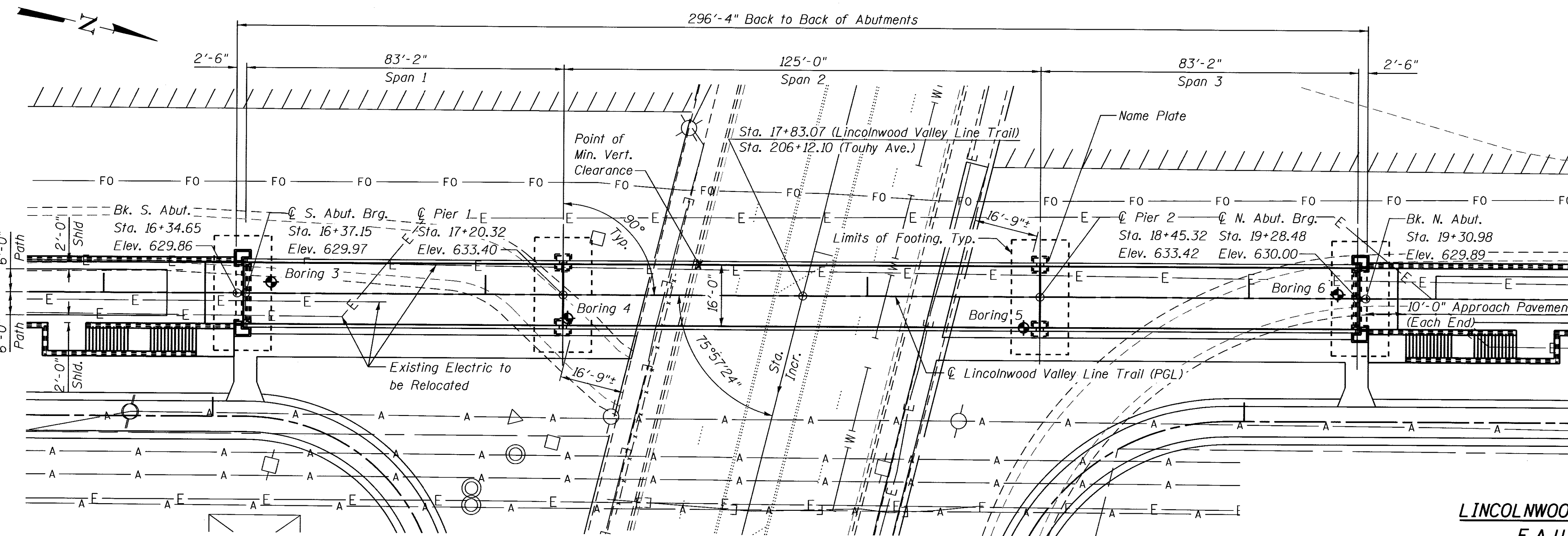
LEGEND

- E — Existing Electric
- A — Existing Aerial
- W — Existing Water
- //// Permanent Easement
- Existing Utility
- ⊙ Existing Manhole
- ⊕ Soil Boring Location

ELEVATION
(Looking West)

* Measured at Rt L's to Roadway.

** 1" Steel Plate Drip Notch shall be installed on bottom of both bottom chords to prevent runoff to substructure. Cost included with Pedestrian Truss Superstructure.



PLAN

6/21/2017 5:12:46 PM
26934 - 01 - GPE_Bridge



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0.1:0.0000 " = 1' "	DRAWN - RTT	REVISED -
PLOT DATE = 6/21/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
GENERAL PLAN AND ELEVATION

SCALE: NONE SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 45
			CONTRACT NO. 61D97	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

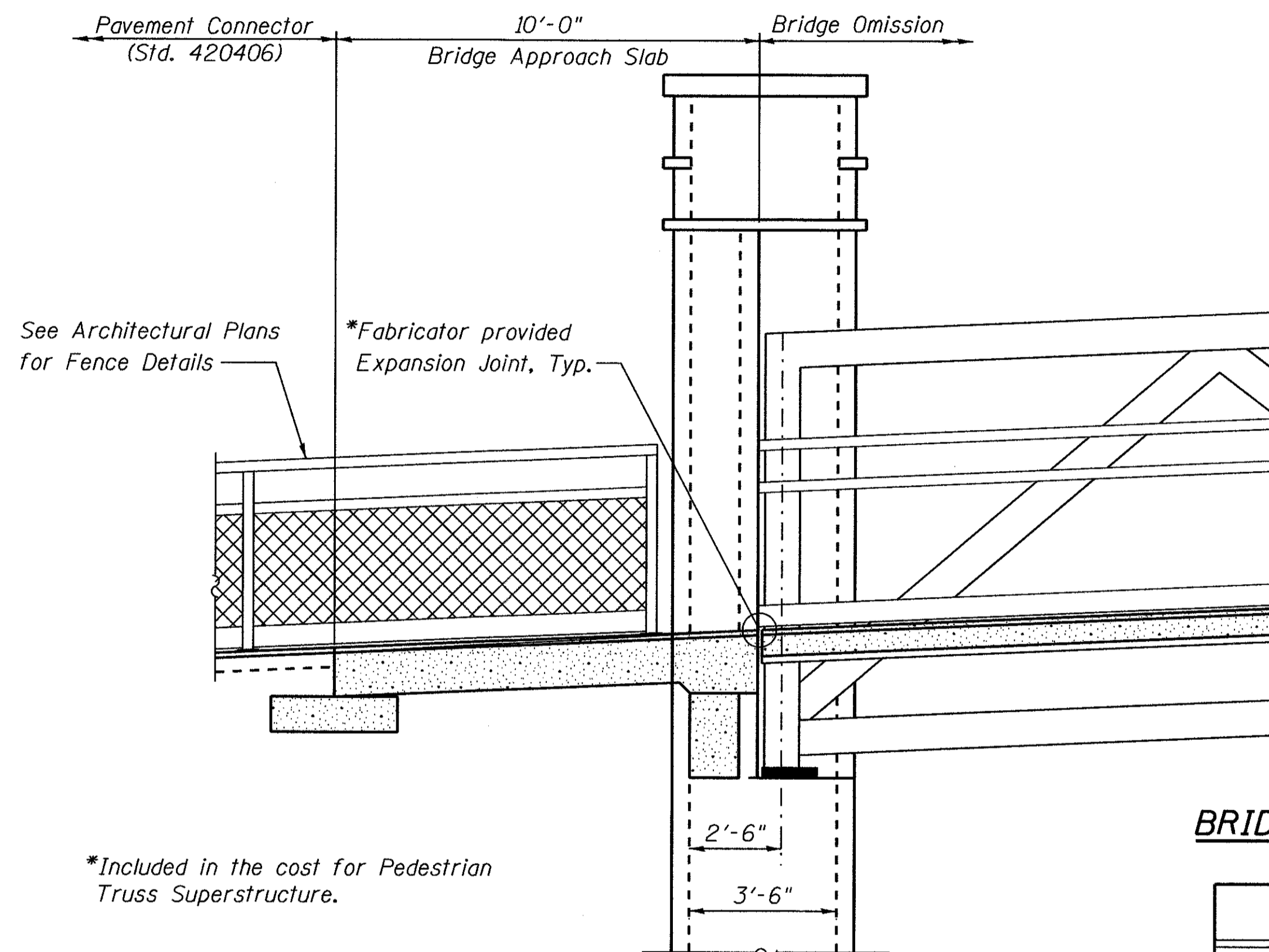
- All work shall be done in accordance with the Illinois Department of Transportation (IDOT) Standard Specifications for Road and Bridge Construction, Adopted April 1, 2016 and the latest Supplemental Specifications and recurring Special Provisions.
- All structural steel shall be AASHTO M 270 Grade 50W.
- No field welding is permitted except as shown in contract documents.
- Concrete Sealer shall be applied to all pier and abutment concrete exposed surfaces located above grade prior to installation of brick unless noted otherwise.
- Reinforcement bars designated (E) shall be epoxy coated.
- All exposed concrete edges shall have a 3/4" x 45° Chamfer except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
- Cover from the face of concrete to the face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.
- Contractor shall not scale dimensions from the contract plans for construction purposes.
- It shall be the contractors responsibility to verify the location of all utilities prior to starting construction. Contact J.U.L.I.E., 800-892-0123.
- The soil boring logs represent point information. Presentation of this information in no way implies that subsurface conditions are the same at locations other than the exact location of the boring.
- The prefabricated pedestrian bridge shall be designed, fabricated, delivered, and erected according to the special provision of "Pedestrian Truss Superstructure."
- Additional items to be included in the cost for Pedestrian Truss Superstructure that are not listed in the special provision include the design, fabrication, storage, delivery and erection of weathered steel backer plates, angles, channels, and connections required for mounting signs and LED stripes to truss. The truss fabricator shall ship exterior backer plates with holes punched to sign manufacturer for assembly and erect sign in field upon arrival.
- The truss fabricator shall coordinate with sign manufacturer to provide locations of removable access panels on interior backer plates and locations of LED stripe connections to bottom chord of truss. See Architectural and Electrical Plans for details.
- The style of the bridge shall be Warren Truss as shown on plans or approved equal by The Village of Lincolnwood.
- Piers and Abutments were designed to accomodate estimated superstructure loads shown in reaction tables. If actual loads are significantly different, capacity of substructure shall be verified.
- Vertical Truss supports at abutments and piers shall be vertical.
- Interior vertical chord spacing shall be within 5 percent variation across the entire structure.

INDEX OF SHEETS

45	General Plan And Elevation
46	Index, General Notes, Total Bill of Material and Details
47	Abutment Plan and Elevation
48	Abutment Foundation Details
49	Pier Plan and Elevation
50	Pier Foundation Details
51	Bridge Approach Slab Details
52	Soil Boring Log 1
53	Soil Boring Log 2
54	Soil Boring Log 3
55	Soil Boring Log 4

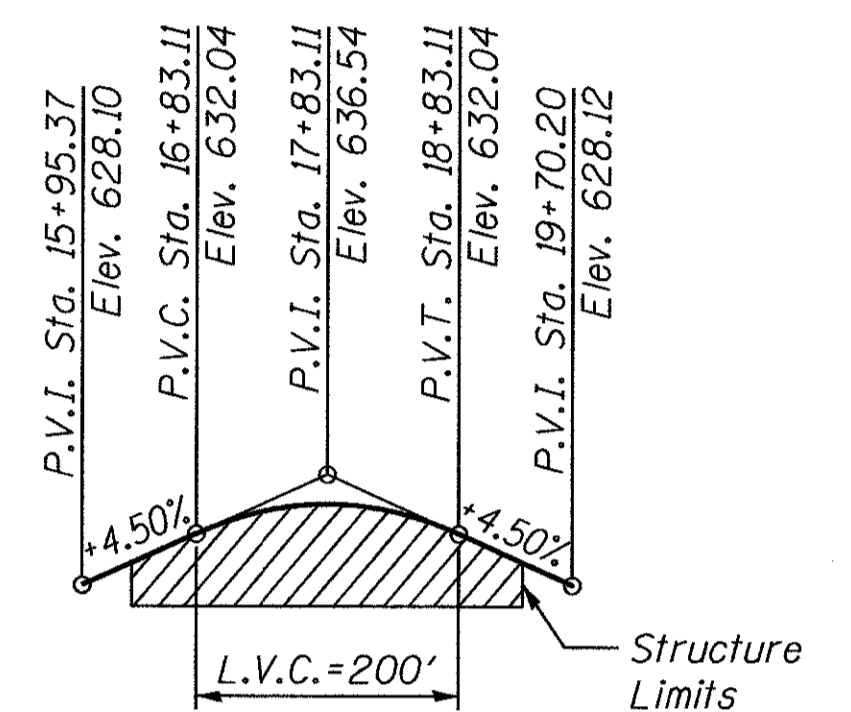
TOTAL BILL OF MATERIAL

PAY ITEM NO.	ITEM	UNIT	SUPER	SUB	TOTAL
20400800	Furnished Excavation	Cu Yd	-	316	316
30300001	Aggregate Subgrade Improvement	Cu Yd	-	107	107
50300225	Concrete Structures	Cu Yd	-	254	254
50300300	Protective Coat	Sq Yd	563	-	563
50301350	Concrete Superstructure (Approach Slab)	Cu Yd	15	-	15
50800205	Reinforcement Bars, Epoxy Coated	Pound	6,240	54,130	60,370
51500100	Name Plates	Each	1	-	1
58700300	Concrete Sealer	Sq Ft	-	2,146	2,146
X0322508	Pedestrian Truss Superstructure	Sq Ft	4,742	-	4,742
X5020200	Structure Excavation (Special)	Cu Yd	-	622	622



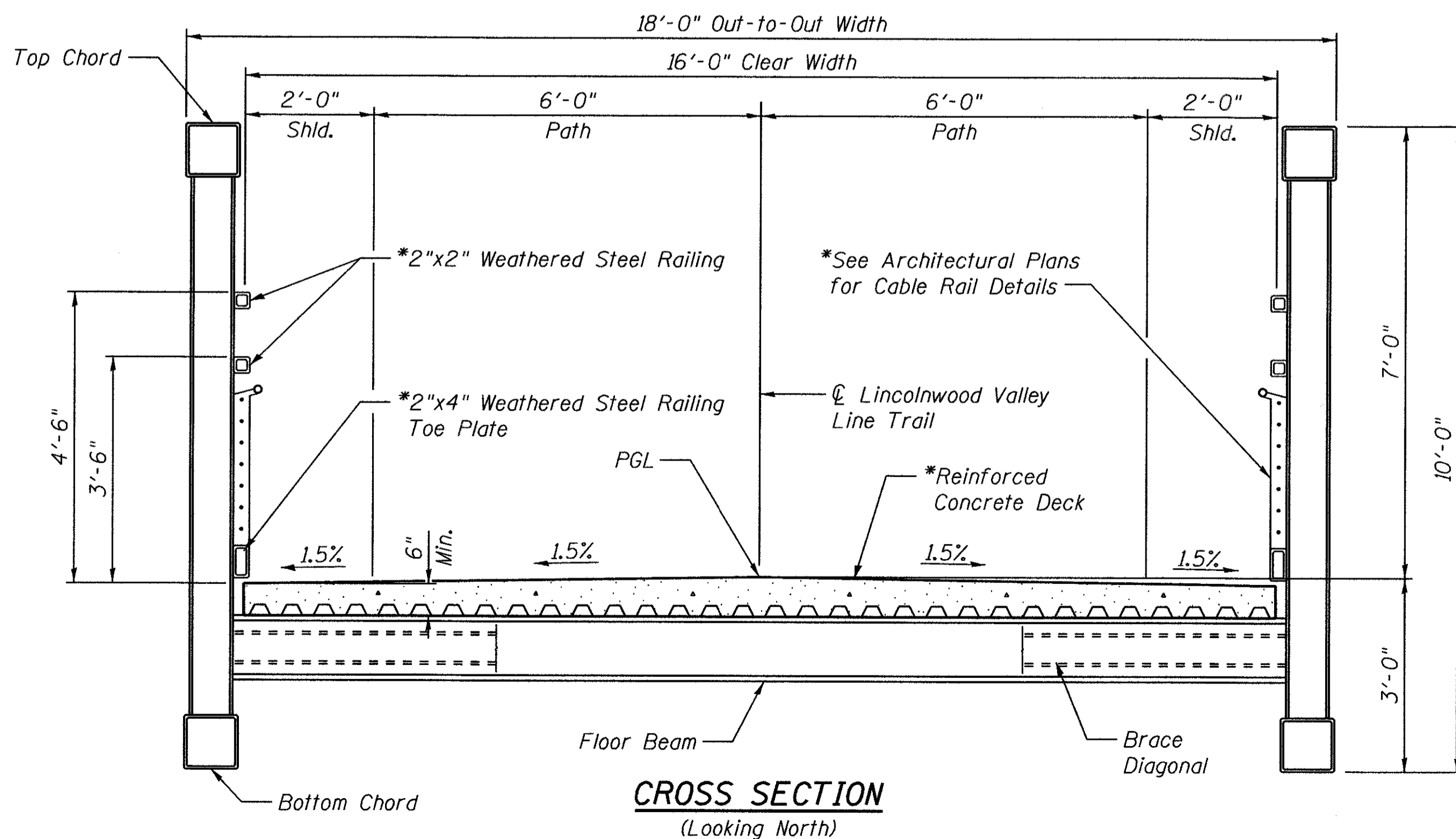
SECTION THRU ABUTMENT

(Brick Pattern and Cable Rail System not shown for clarity)



PROFILE GRADE

(Along Lincolnwood Valley Line Trail)



CROSS SECTION

(Looking North)

South EOP		CL Touhy Ave.		North EOP	
Station	Elevation	Station	Elevation	Station	Elevation
206+10.83	613.84	206+03.27	613.87	205+96.38	613.77
206+20.72	613.79	206+13.90	613.83	206+07.07	613.69
206+30.33	613.61	206+23.93	613.77	206+15.63	613.55

TOP OF PAVEMENT ELEVATIONS

(Touhy Ave.)

BRIDGE REACTION TABLE (PER COLUMN)

(83'-2" Span)

Item	Vertical (lbs)	Lateral (lbs)	Longitudinal (lbs)
Dead Load	39,800	-----	-----
Uniform Live Load	30,495	-----	-----
Vehicle Load	10,000	-----	-----
Uplift Wind 20 psf	-11,215	-----	-----
Wind	4,860	14,675	-----
Thermal	-----	-----	5,970

Bridge Lifting Weight = 59,200 lbs (Not including concrete deck)

Total Bridge Weight = 159,200 lbs (Including concrete deck)

BRIDGE REACTION TABLE (PER COLUMN)

(125'-0" Span)

Item	Vertical (lbs)	Lateral (lbs)	Longitudinal (lbs)
Dead Load	64,450	-----	-----
Uniform Live Load	45,380	-----	-----
Vehicle Load	10,000	-----	-----
Uplift Wind 20 psf	-16,690	-----	-----
Wind	7,625	21,835	-----
Thermal	-----	-----	9,070

Bridge Lifting Weight = 93,000 lbs (Not including concrete deck or signs)

Total Bridge Weight = 257,800 lbs (Including concrete deck and signs)

6/21/2017 5:17:34 PM 26934 - 02 - Index General Notes



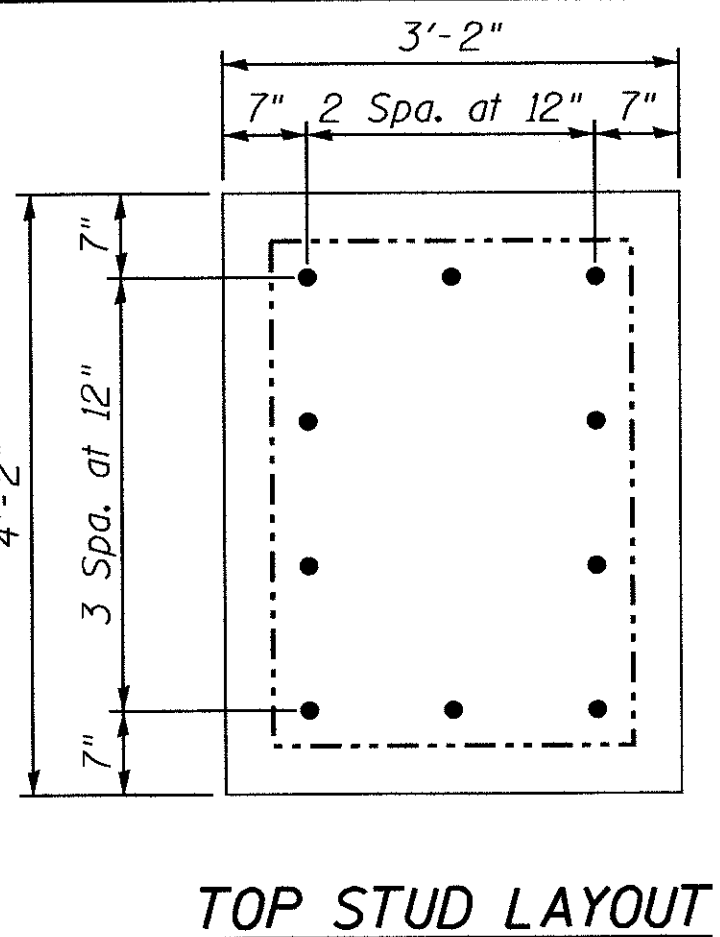
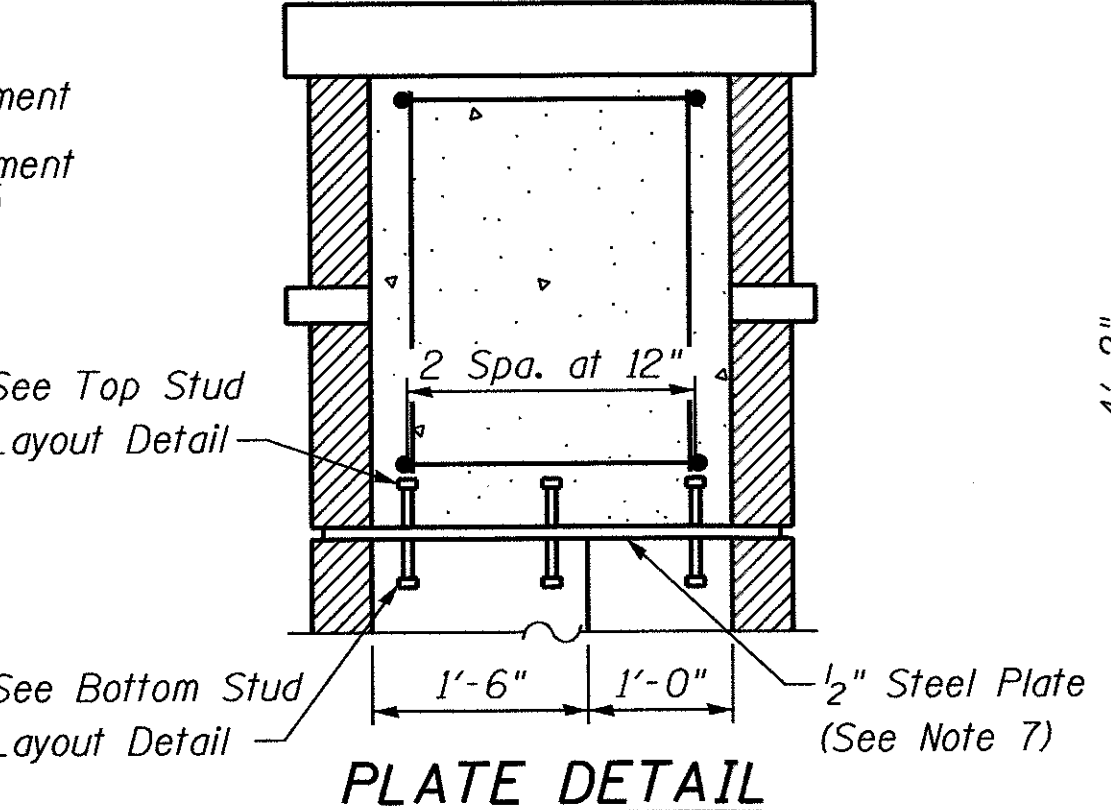
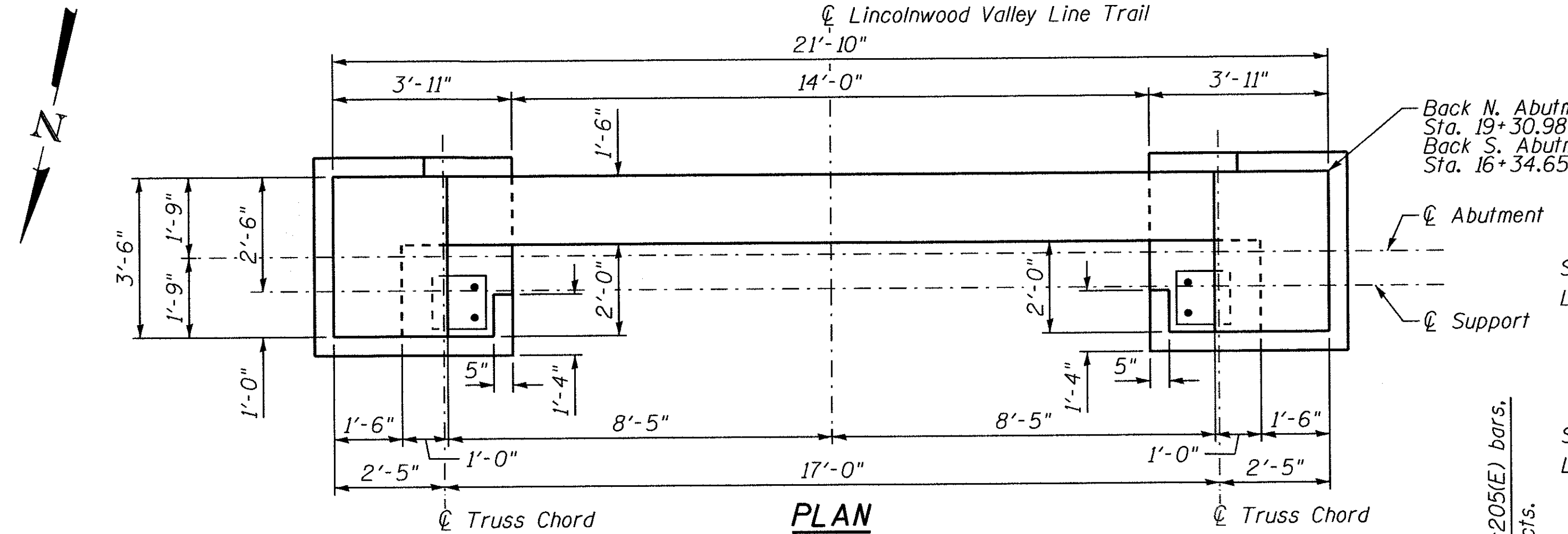
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	DRAWN - RTT	REVISED -
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PLOT DATE = 6/21/2017	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

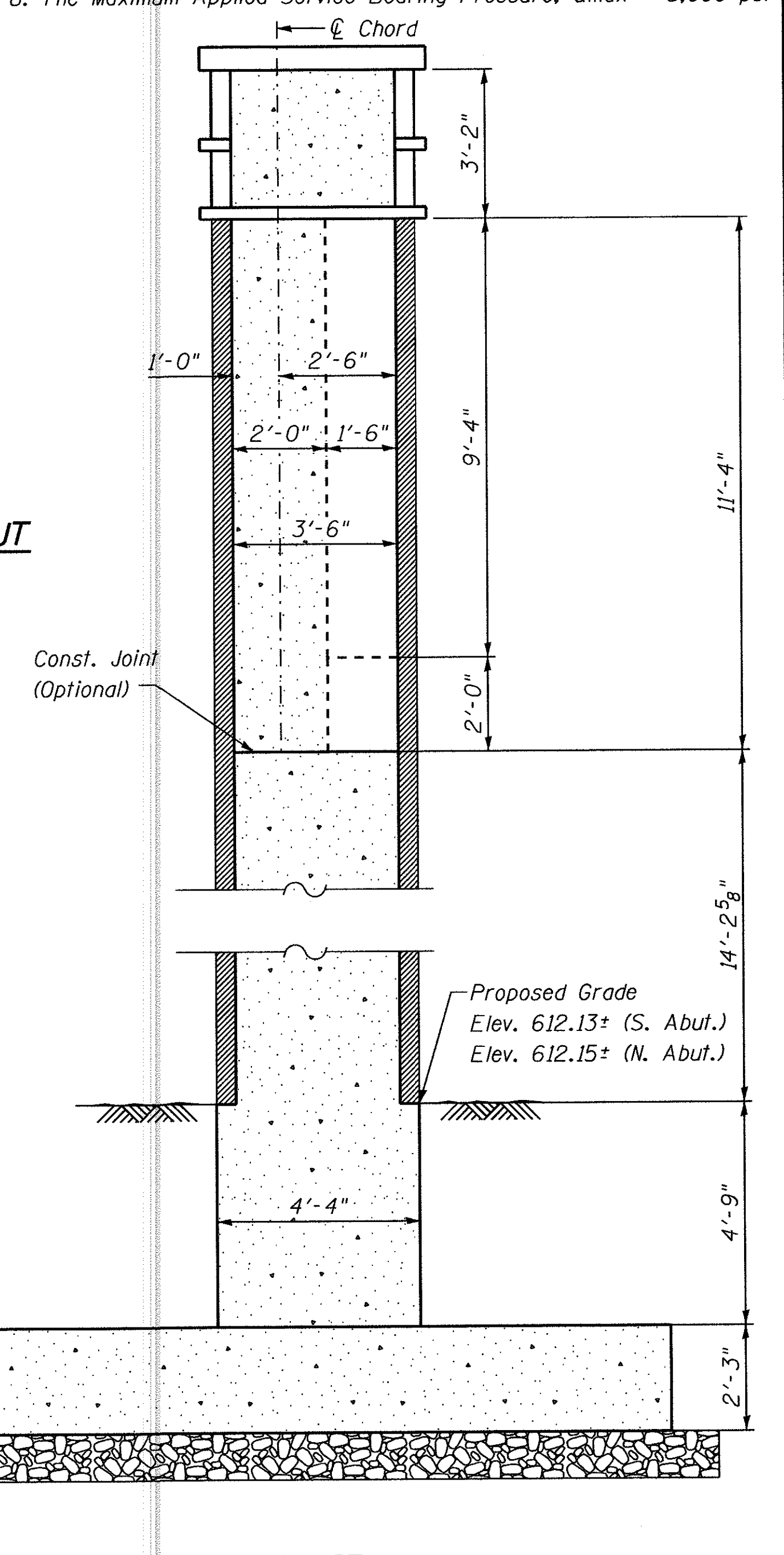
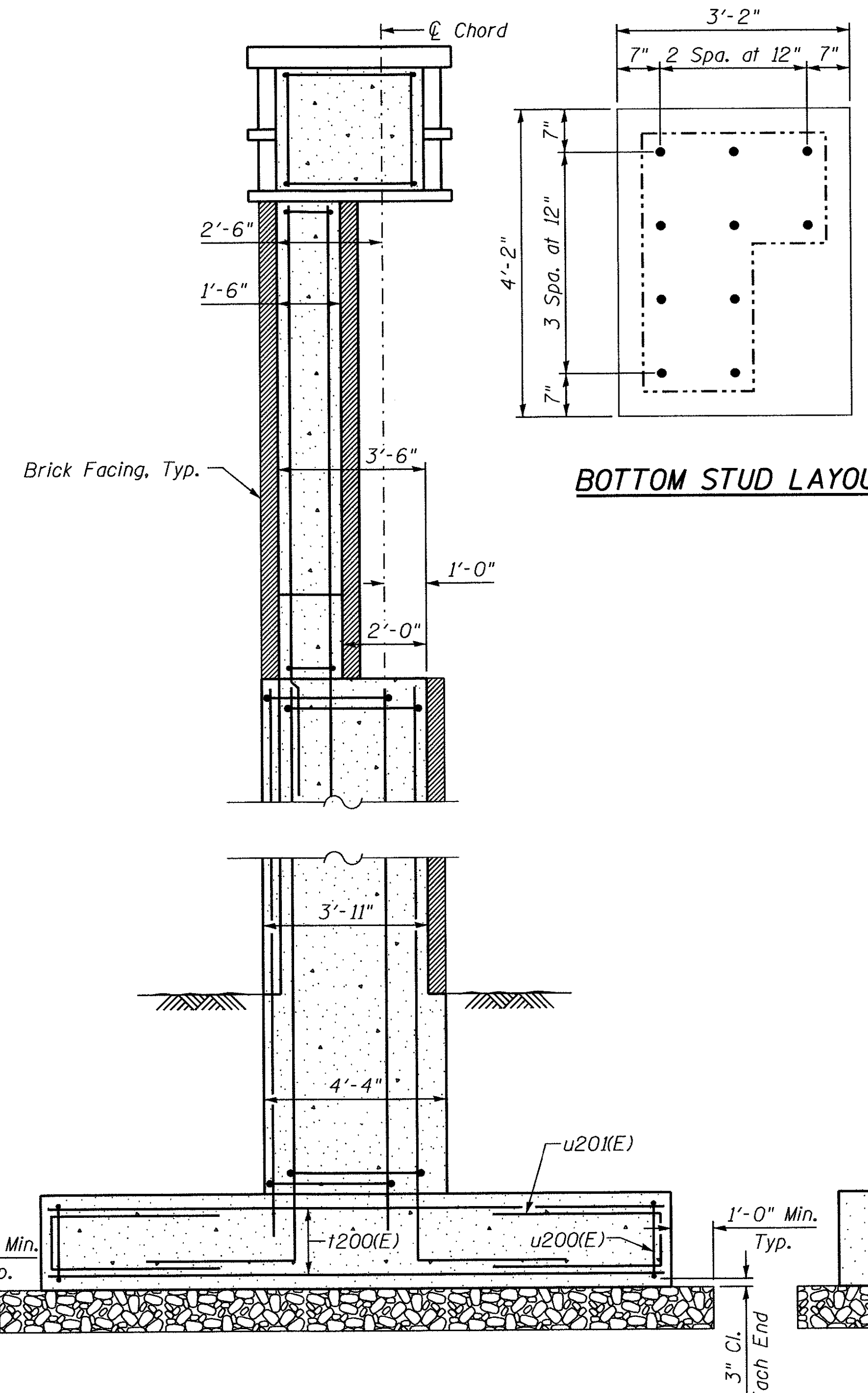
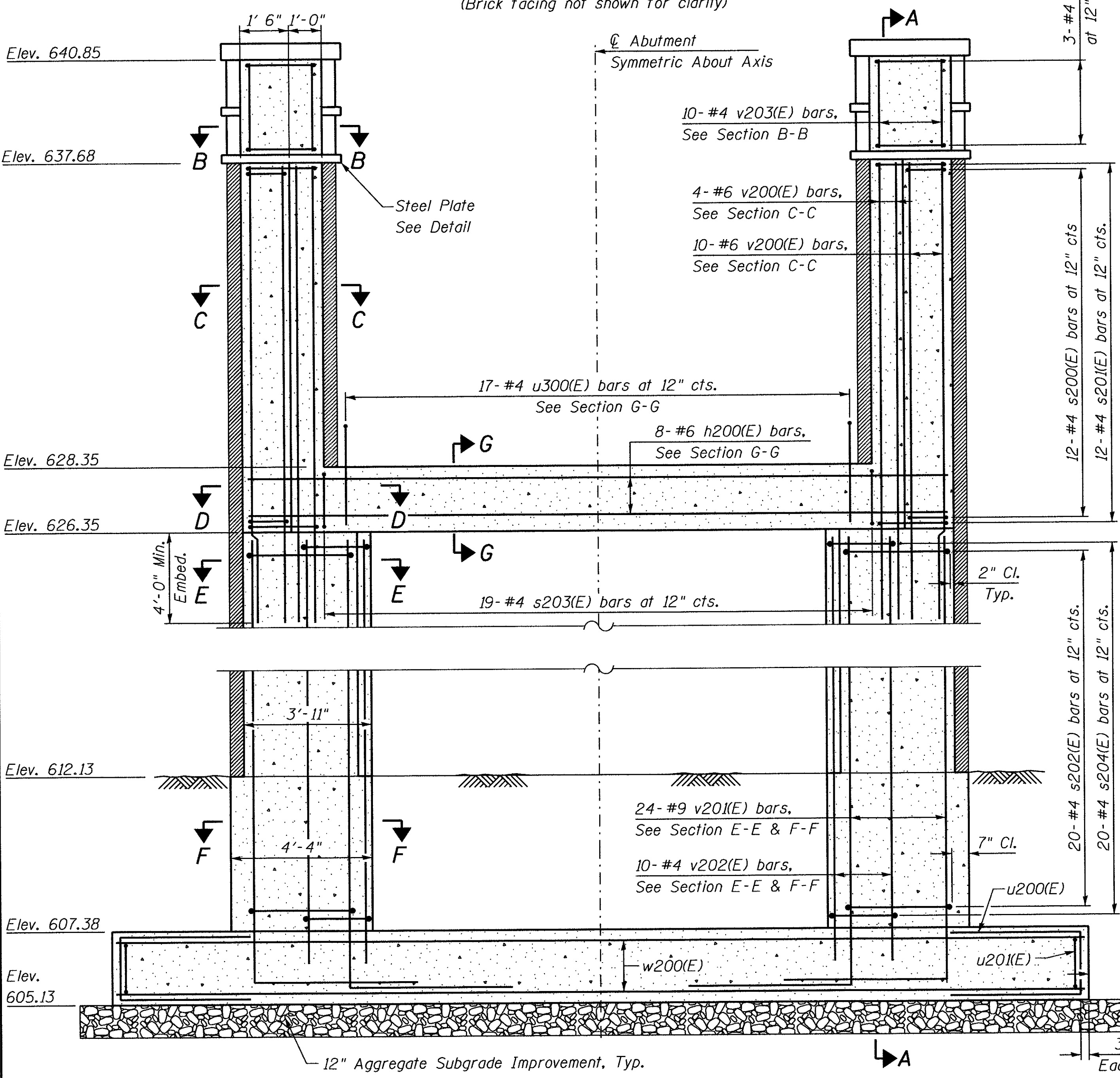
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
INDEX, GENERAL NOTES, TOTAL BILL OF MATERIAL AND DETAILS**

SCALE: NONE SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	46
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	



- NOTES:**
1. Work this sheet with 48 of 93.
 2. Bearing plate sizes to be determined by truss fabricator. Cost included with Pedestrian Truss Superstructure.
 3. Anchor bolt sizes and locations to be determined by fabricator. Cost included with Pedestrian Truss Superstructure.
 4. For Brick Facing details, See Architectural Plans.
 5. Concrete Sealer shall be applied to all exposed surfaces above grade to top of bridge deck prior to installation of brick facing.
 6. Tilt v20(E) bars as needed to fit in footing.
 7. Steel plates and shear studs are included in the cost for Concrete Structure. The contractor may elect to provide alternative attachment but shall be approved by the Engineer prior to installation.
 8. The Maximum Applied Service Bearing Pressure, $Q_{max} = 3,000$ psf



6/21/2017 5:29:26 PM
26934 - 03 - Abut. Plan and Elevation



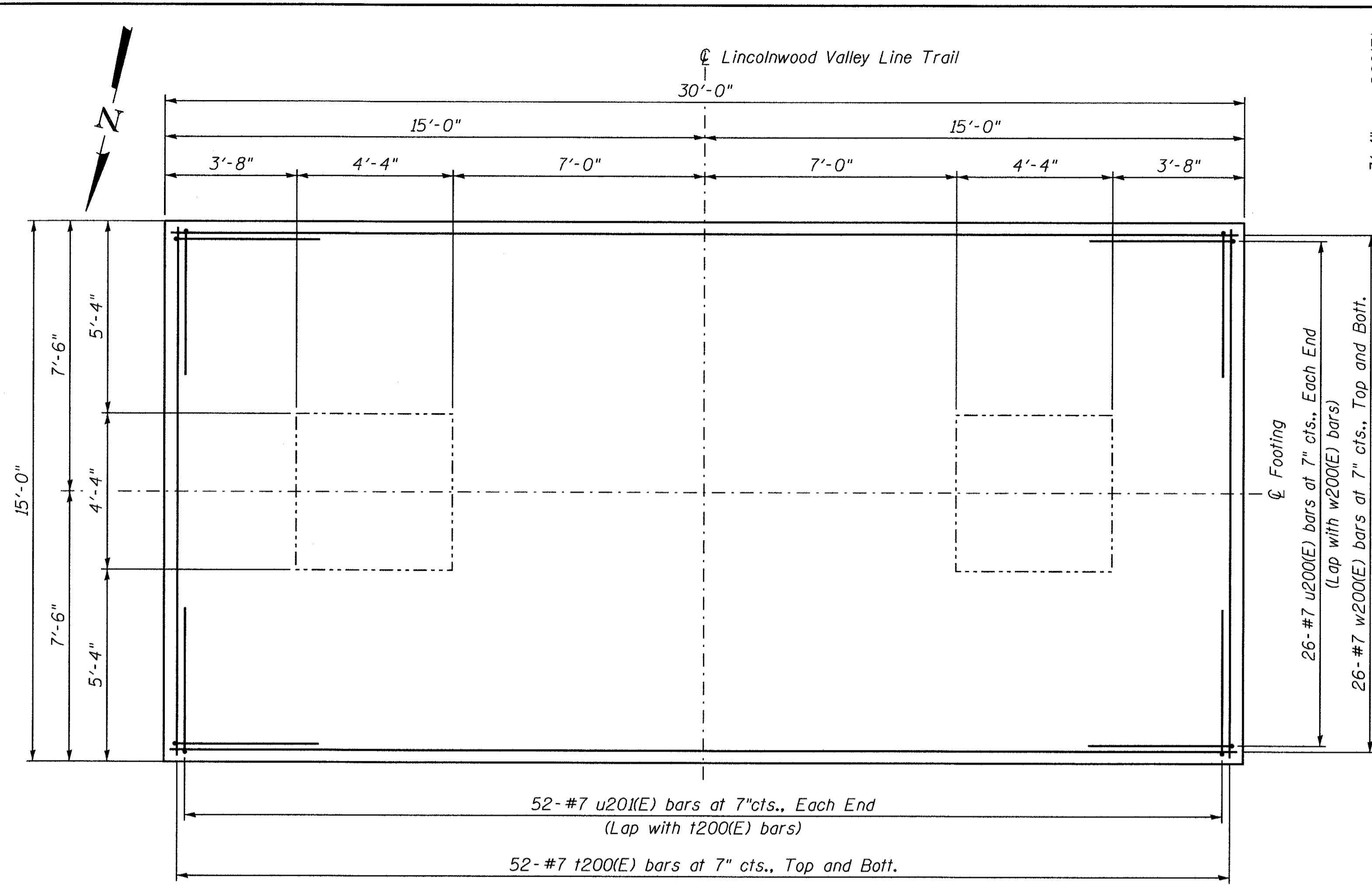
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PLOT DATE = 6/21/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

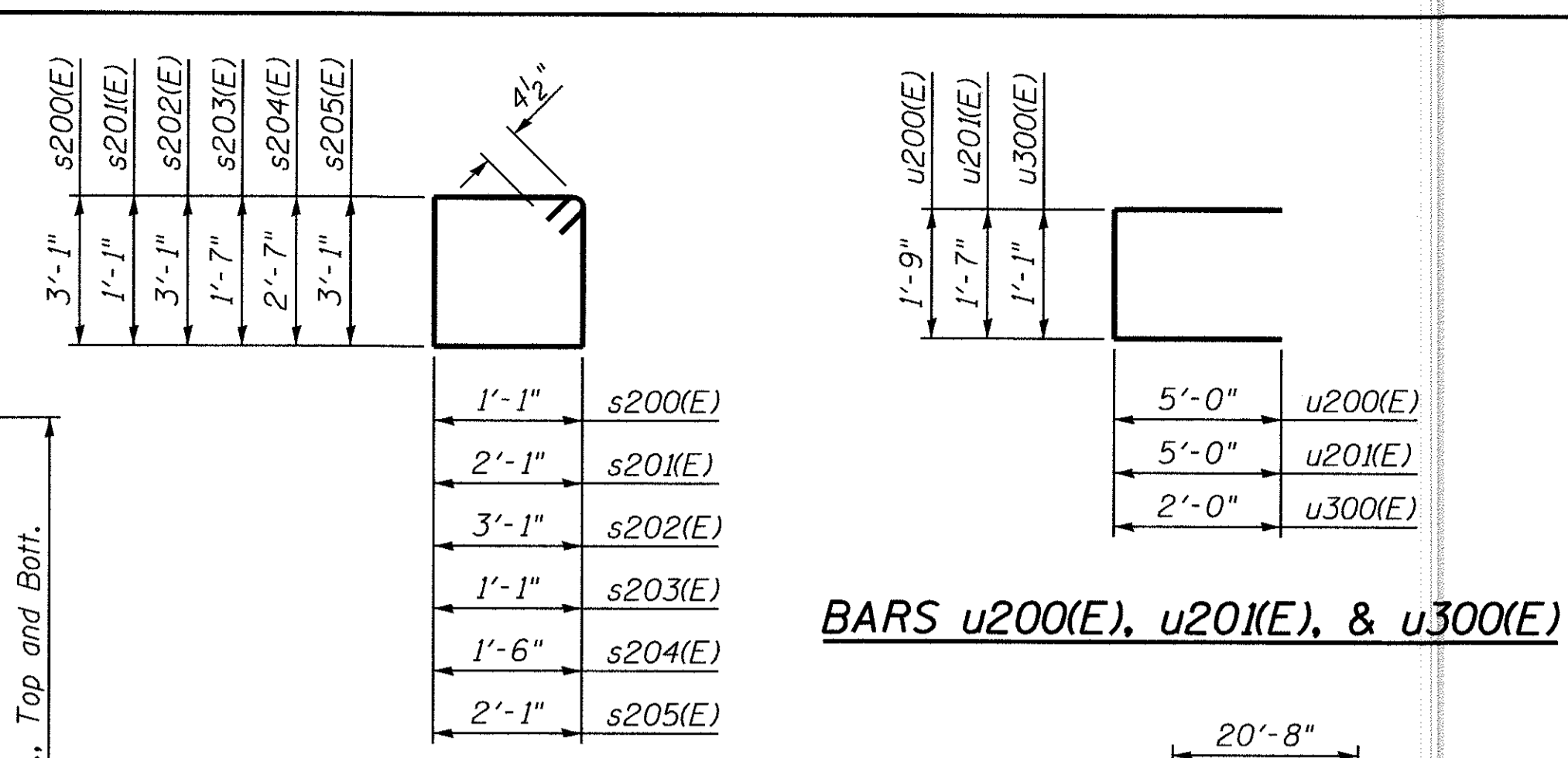
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
ABUTMENT PLAN AND ELEVATION

SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 47
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

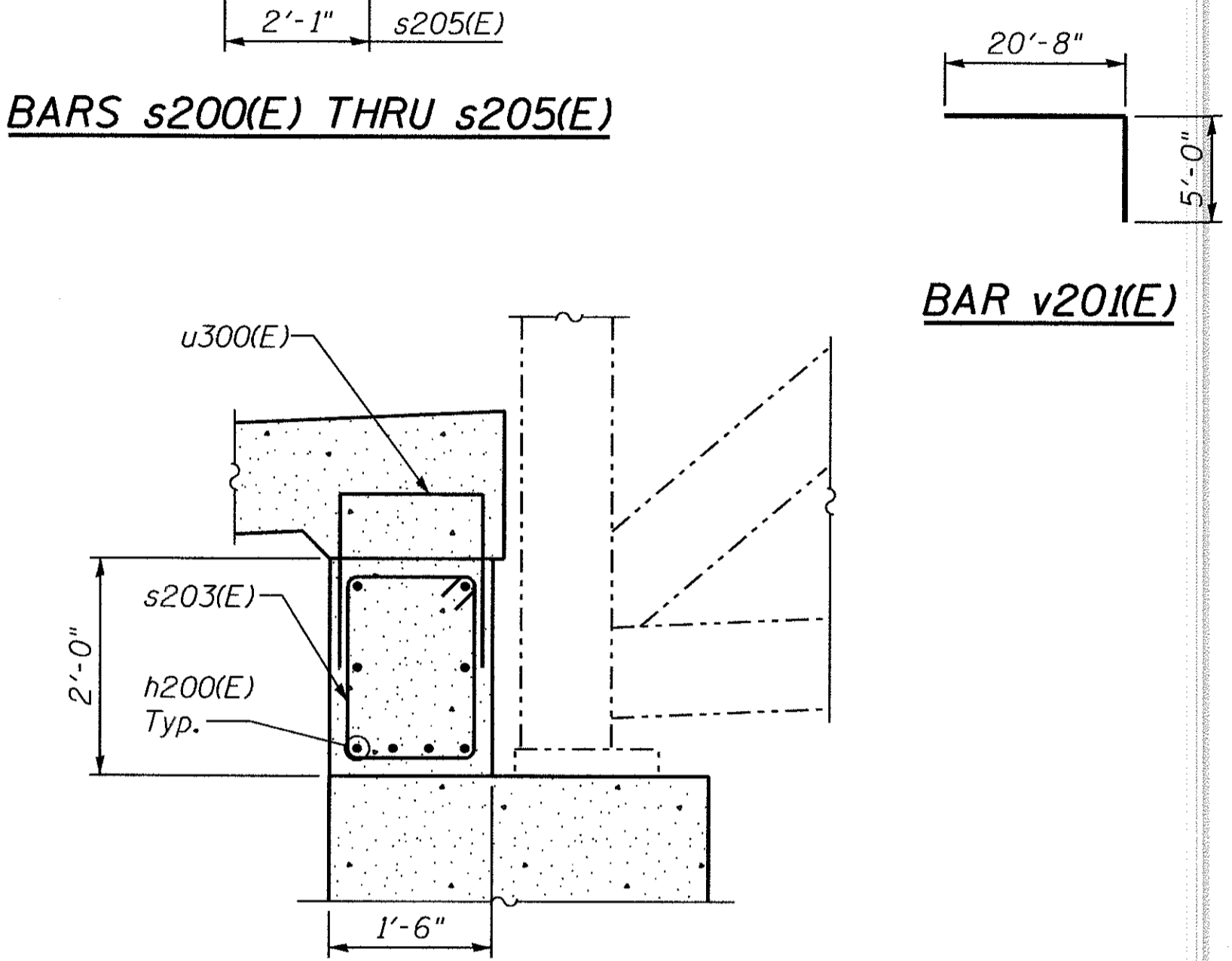


PLAN



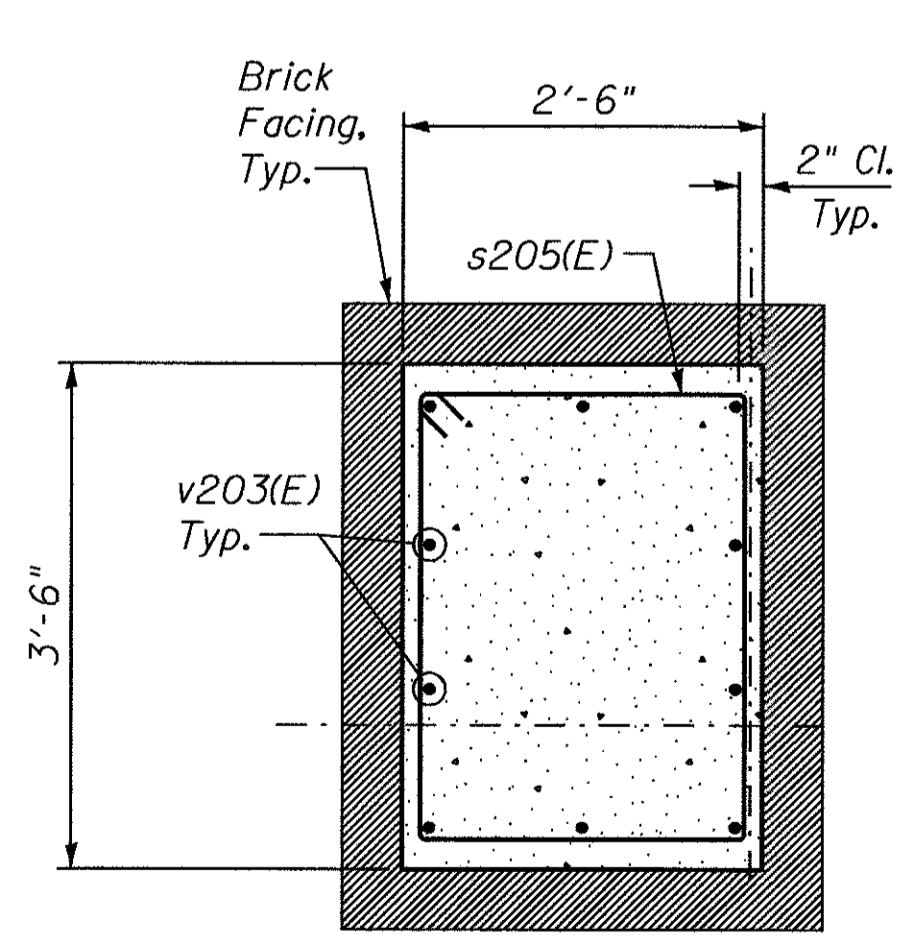
BARS s200(E) THRU s205(E)

BARS u200(E), u201(E), & u300(E)

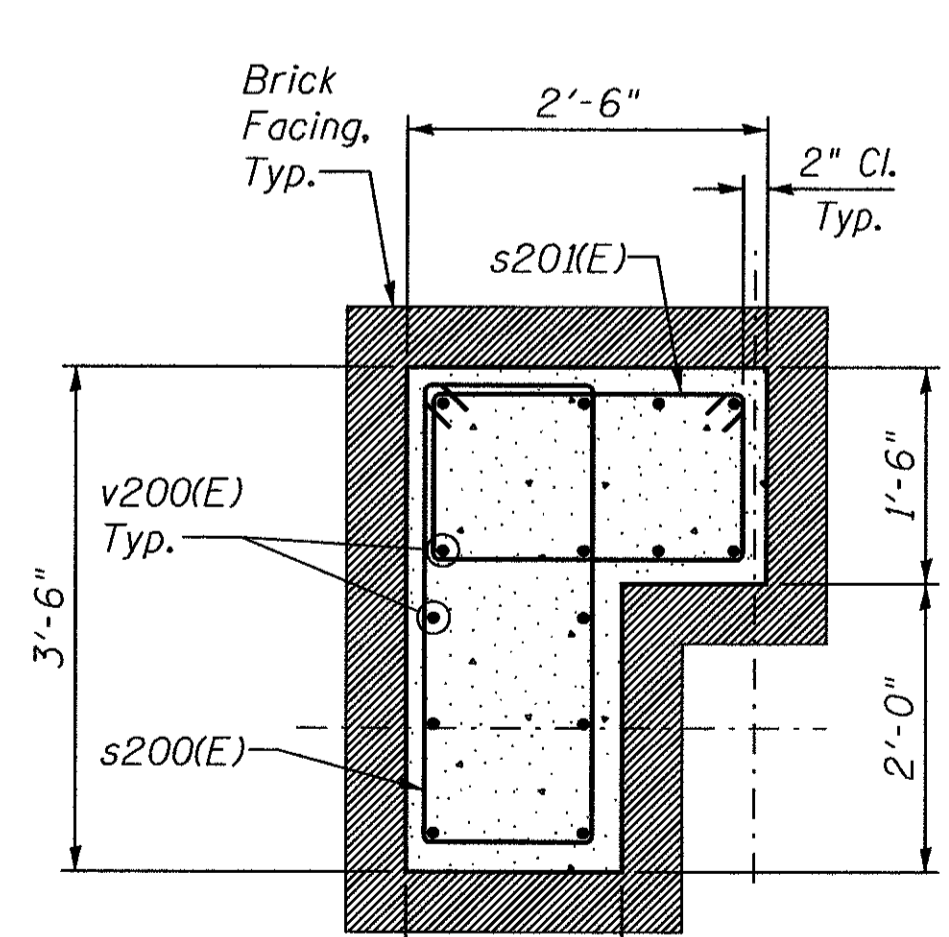


SECTION G-G

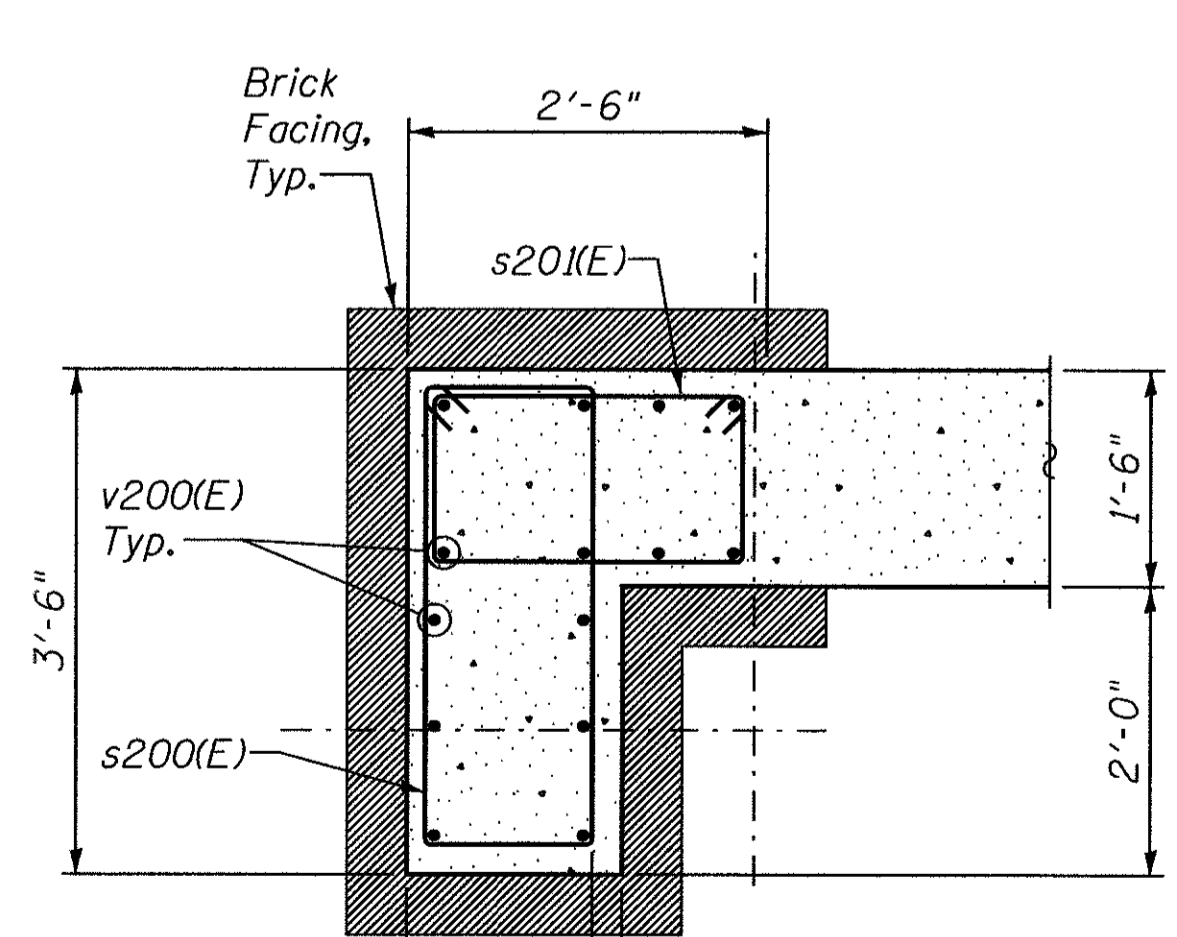
(Approach Slab Reinforcement not shown for clarity)



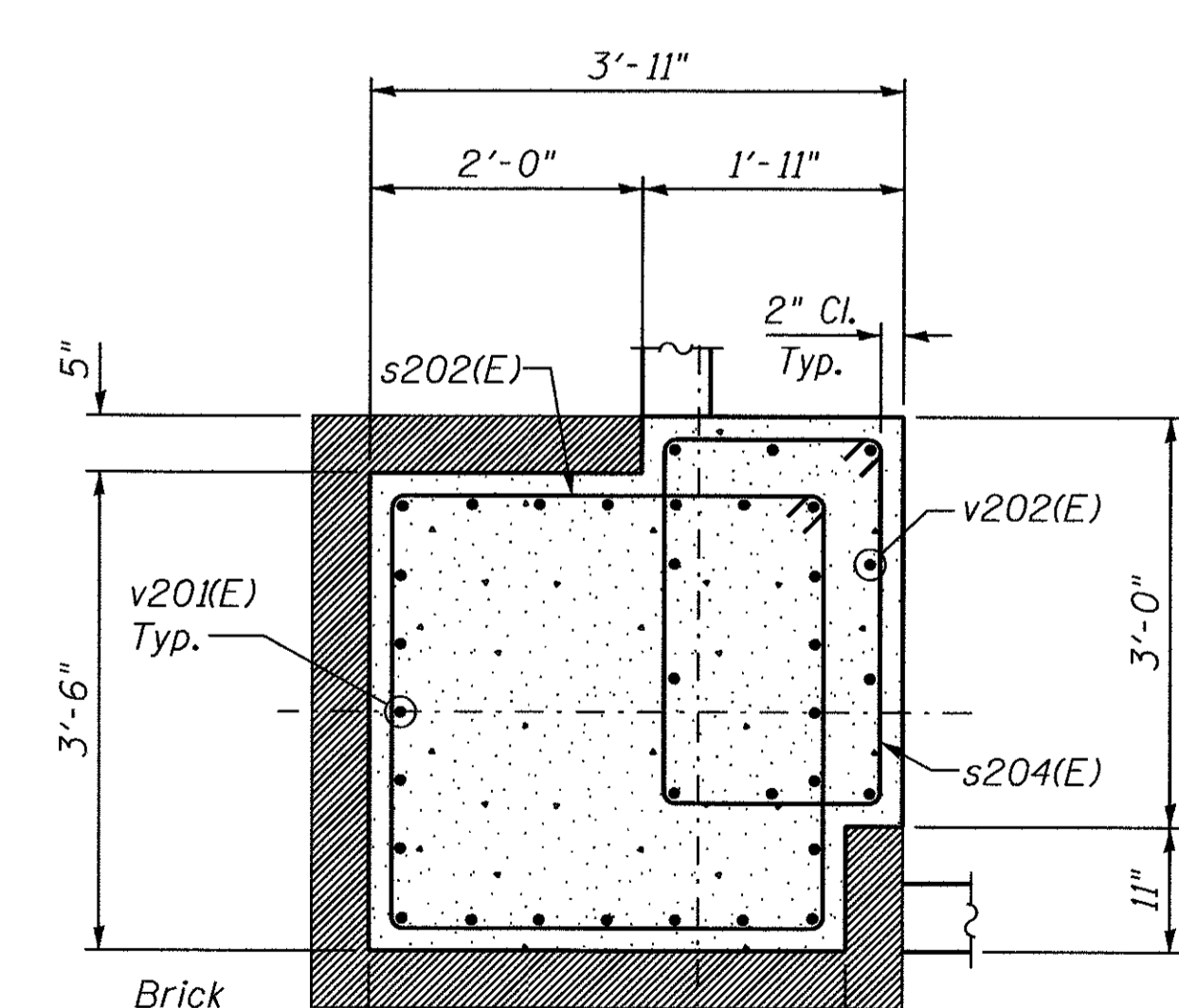
SECTION B-B



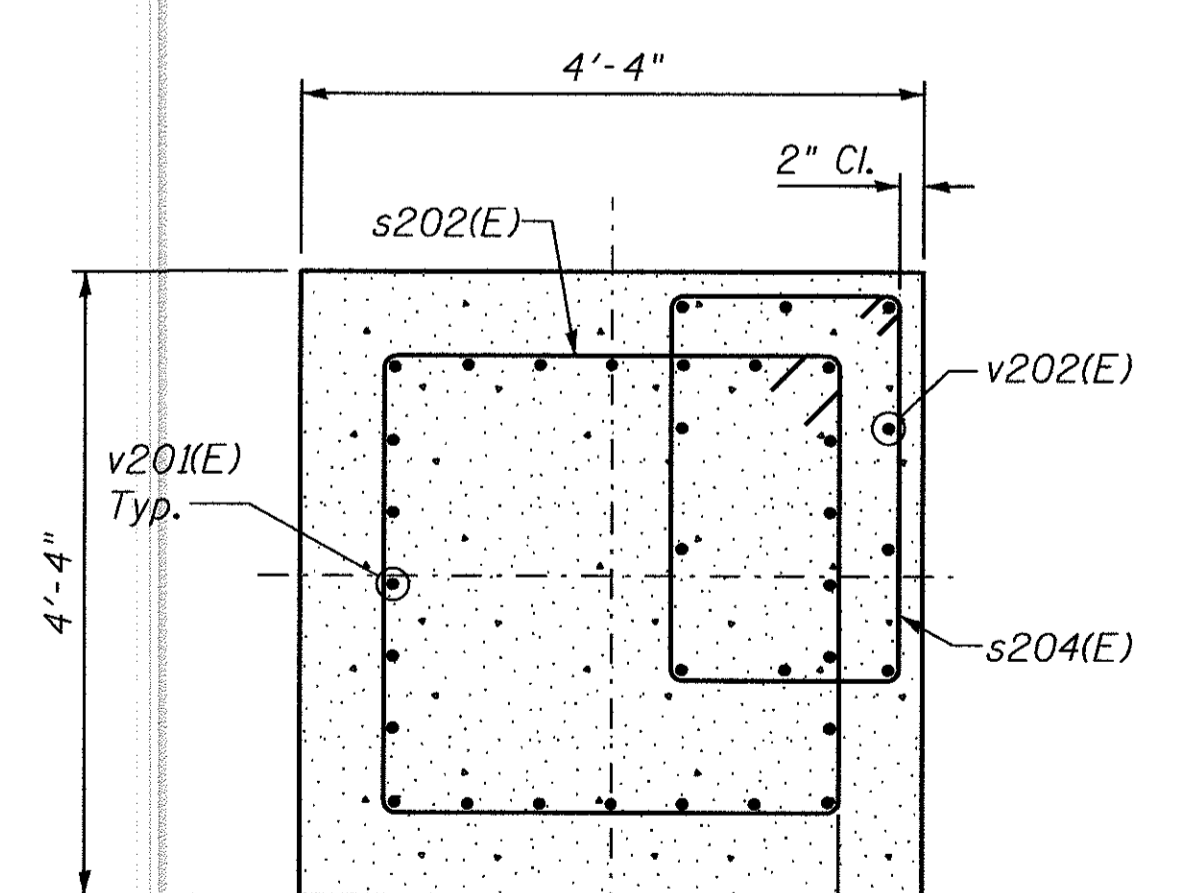
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F

**TWO ABUTMENTS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h200(E)	16	#6	21'-6"	—
s200(E)	48	#4	9'-1"	□
s201(E)	48	#4	7'-1"	□
s202(E)	80	#4	13'-1"	□
s203(E)	38	#4	6'-1"	□
s204(E)	80	#4	8'-11"	□
s205(E)	12	#4	11'-1"	□
1200(E)	208	#7	14'-6"	—
u200(E)	104	#7	11'-9"	—
u201(E)	208	#7	11'-7"	—
u300(E)	34	#4	5'-1"	—
v200(E)	56	#6	15'-2"	—
v201(E)	96	#9	25'-8"	—
v202(E)	40	#4	19'-0"	—
v203(E)	40	#4	2'-9"	—
w200(E)	104	#7	29'-6"	—
Aggregate Subgrade Improvement		Cu Yd	41	
Concrete Structures		Cu Yd	138	
Reinforcement Bars, Epoxy Coated		Pound	32,670	
Concrete Sealer		Sq Ft	1,157	
Structure Excavation (Special)		Cu Yd	382	

MIN BAR LAP

#7 bar = 5'-0"

NOTES:

1. Work this sheet with 47 of 93.
2. Bill of Material includes quantities and bar list for both abutments.

6/21/2017 5:32:18 PM
26934 - 04 - Abut. Foundation Details



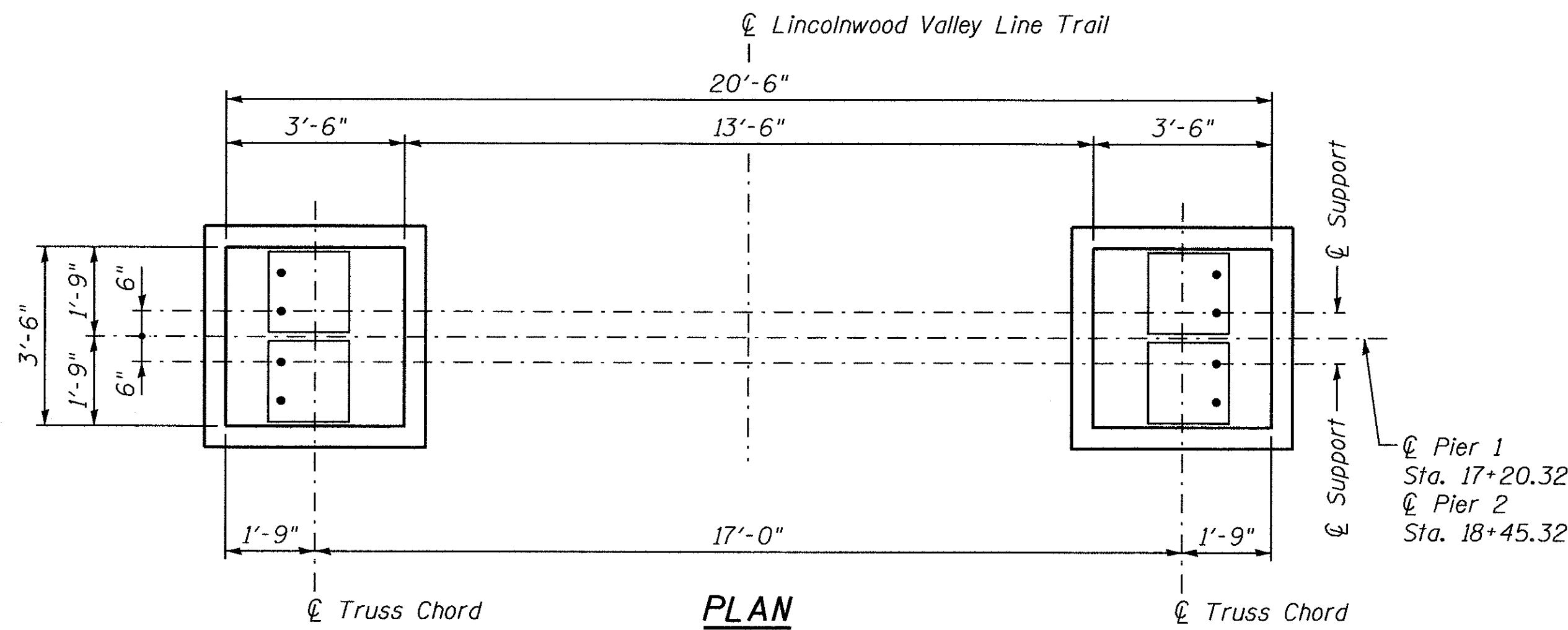
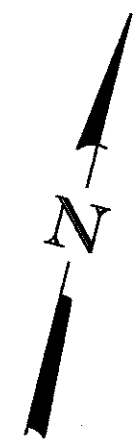
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PLOT DATE = 6/21/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

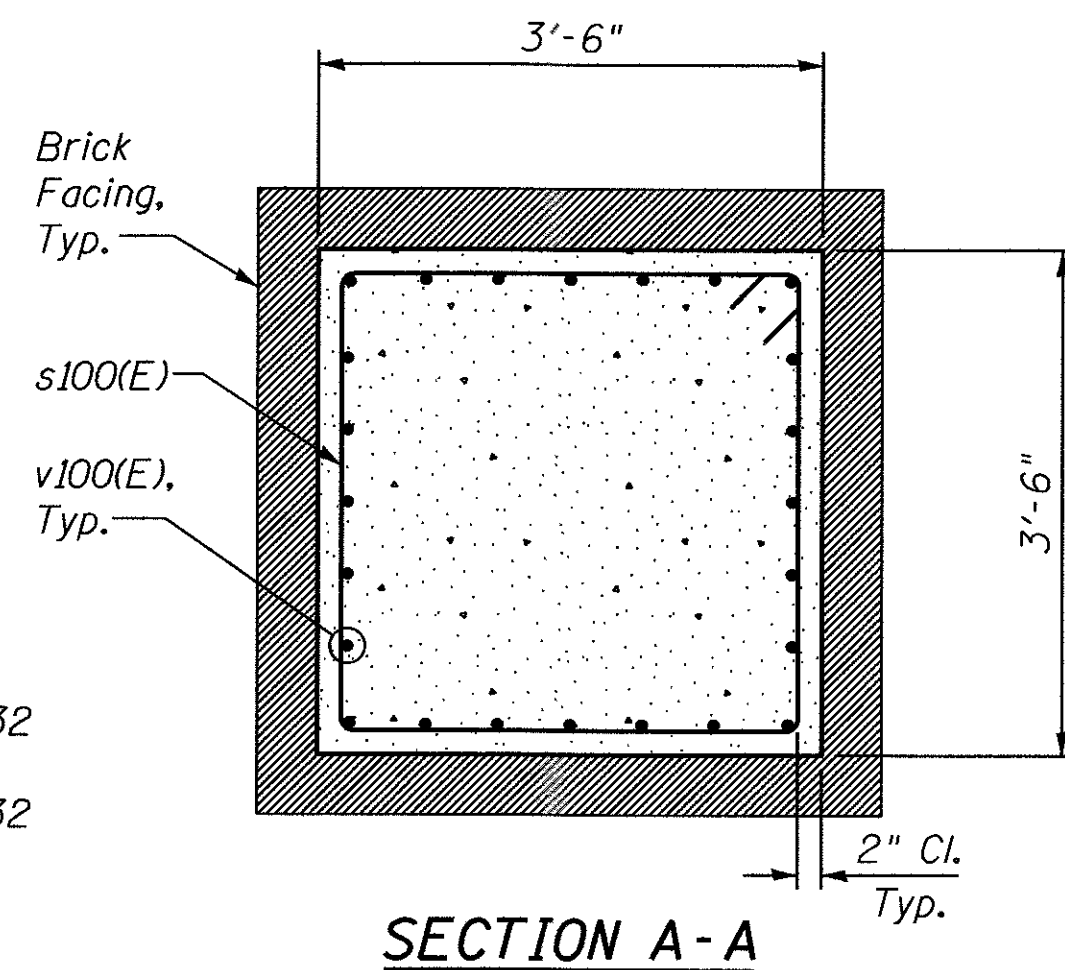
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
ABUTMENT FOUNDATION DETAILS**

SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.

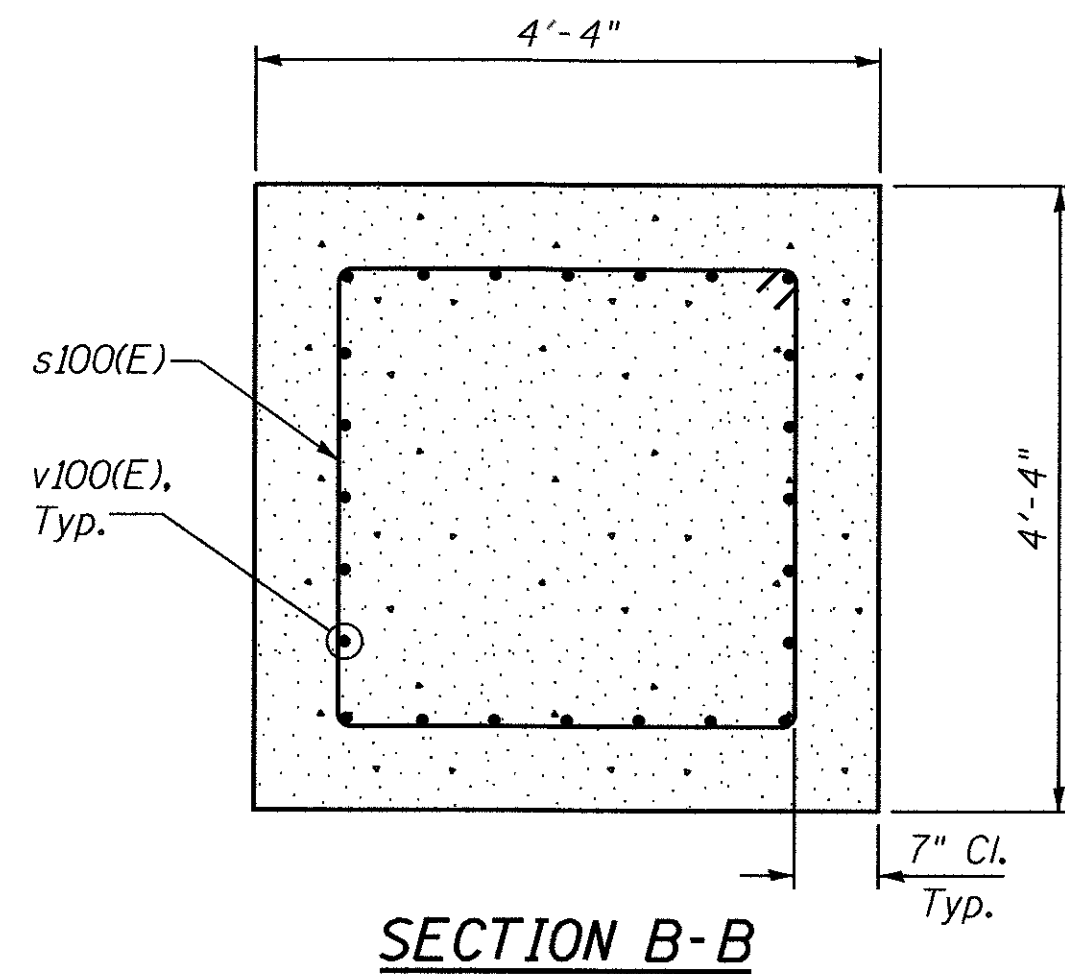
F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 48
			CONTRACT NO. 61D97	
ILLINOIS FED. AID PROJECT				



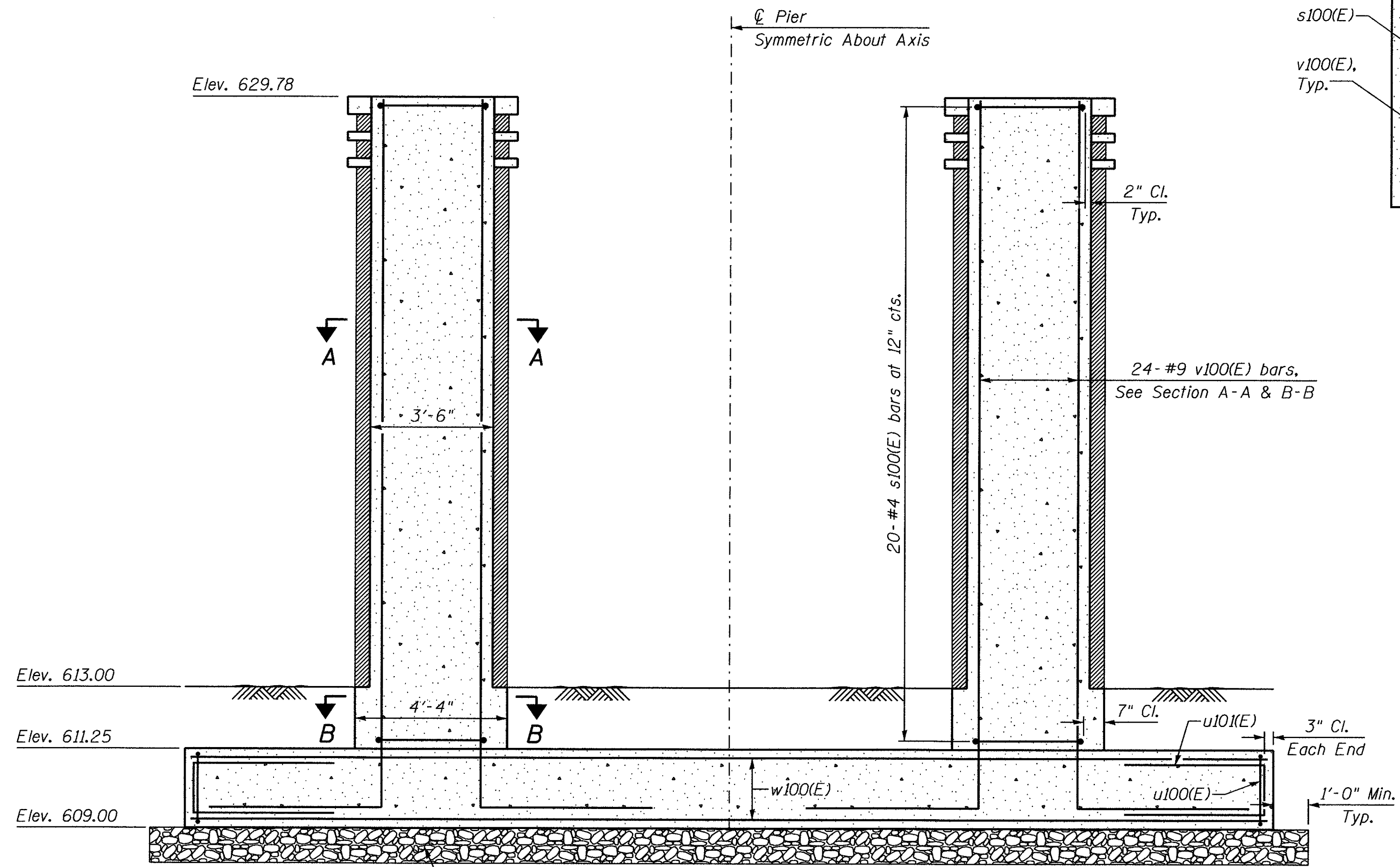
PLAN
(Brick facing not shown for clarity)



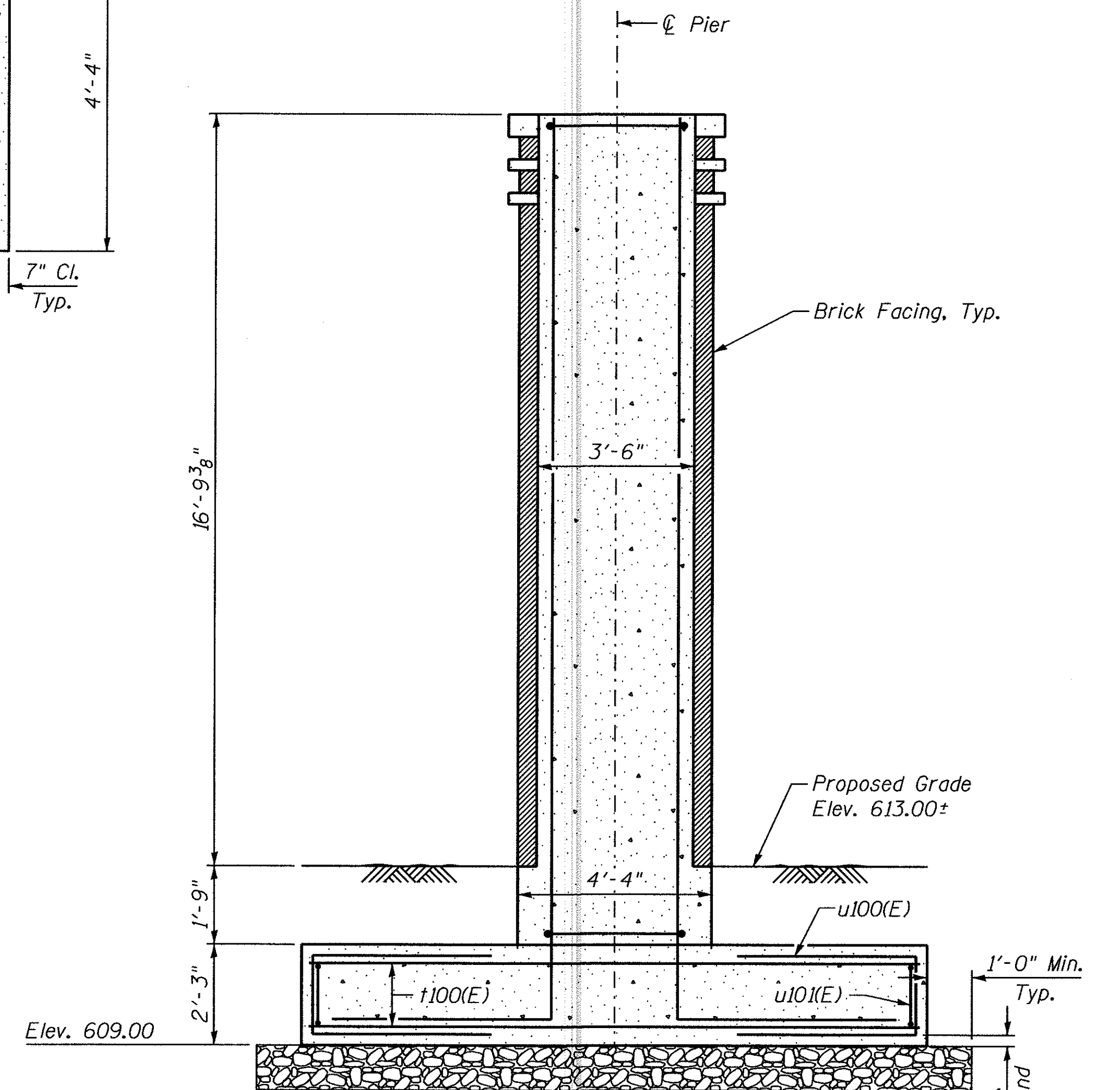
SECTION A-A



SECTION B-B



ELEVATION



END VIEW

NOTES:

1. Work this sheet with 50 of 93.
2. Bearing plate sizes to be determined by truss fabricator. Cost included with Pedestrian Truss Superstructure.
3. Anchor bolt sizes and locations to be determined by fabricator. Cost included with Pedestrian Truss Superstructure.
4. For Brick Facing details, See Architectural Plans.
5. Concrete Sealer shall be applied to all exposed surfaces above grade prior to installation of brick facing.
6. Tilt v100(E) bars as needed to fit in footing.
7. Limits of Structure Excavation (Special) shall extend a minimum of 5 ft below existing grade. Backfill with Aggregate Subgrade Improvement to bottom of footing elevation. See Special Provision for details.
8. The Maximum Applied Service Bearing Pressure, $Q_{max} = 3,000$ psf

6/21/2017 5:36:38 PM
26934 - 05 - Pier Plan and Elevation



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0:1.0000 1' = 1/4"	DRAWN - RTT	REVISED -
PLOT DATE = 6/21/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

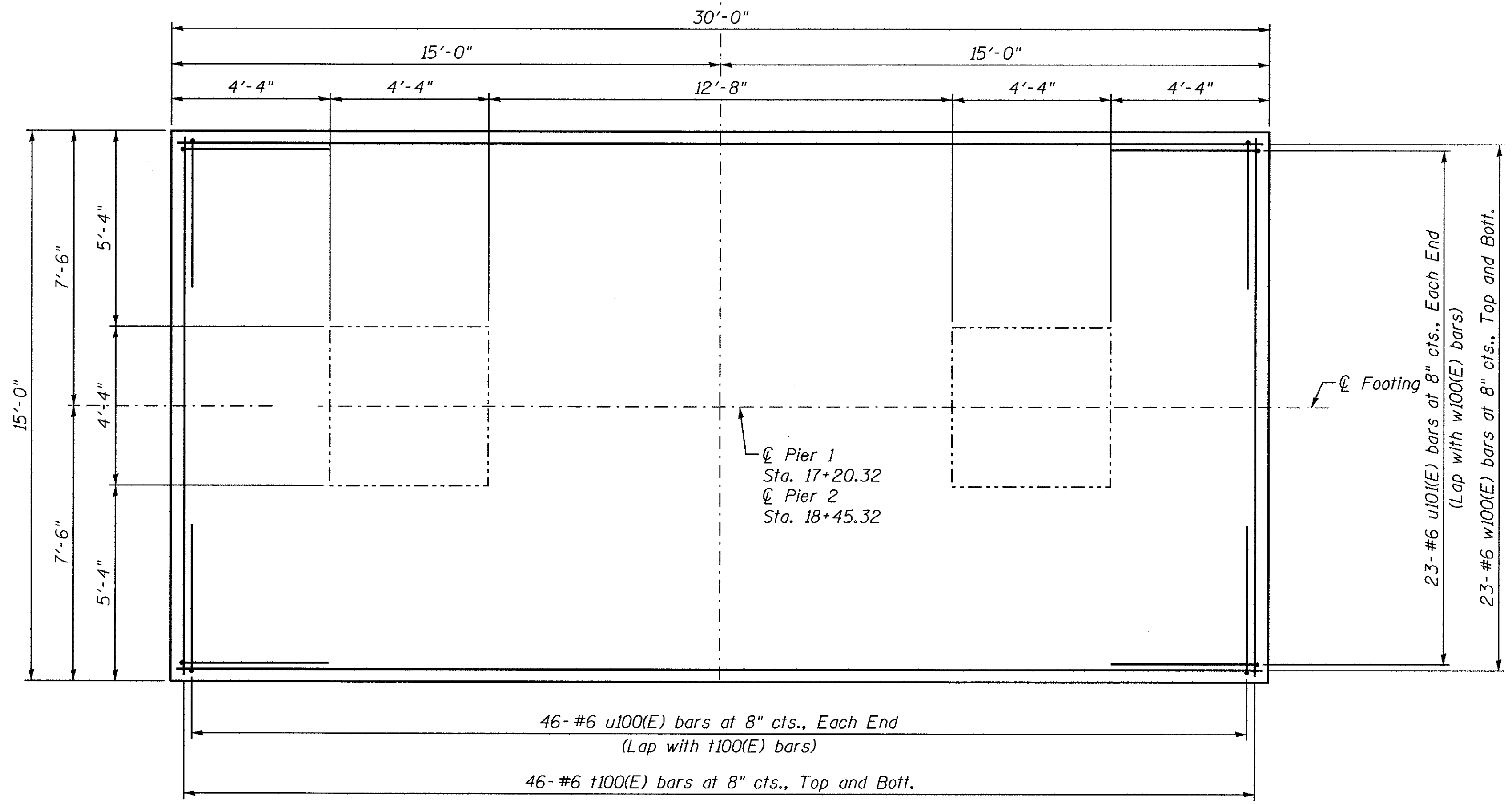
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
PIER PLAN AND ELEVATION**

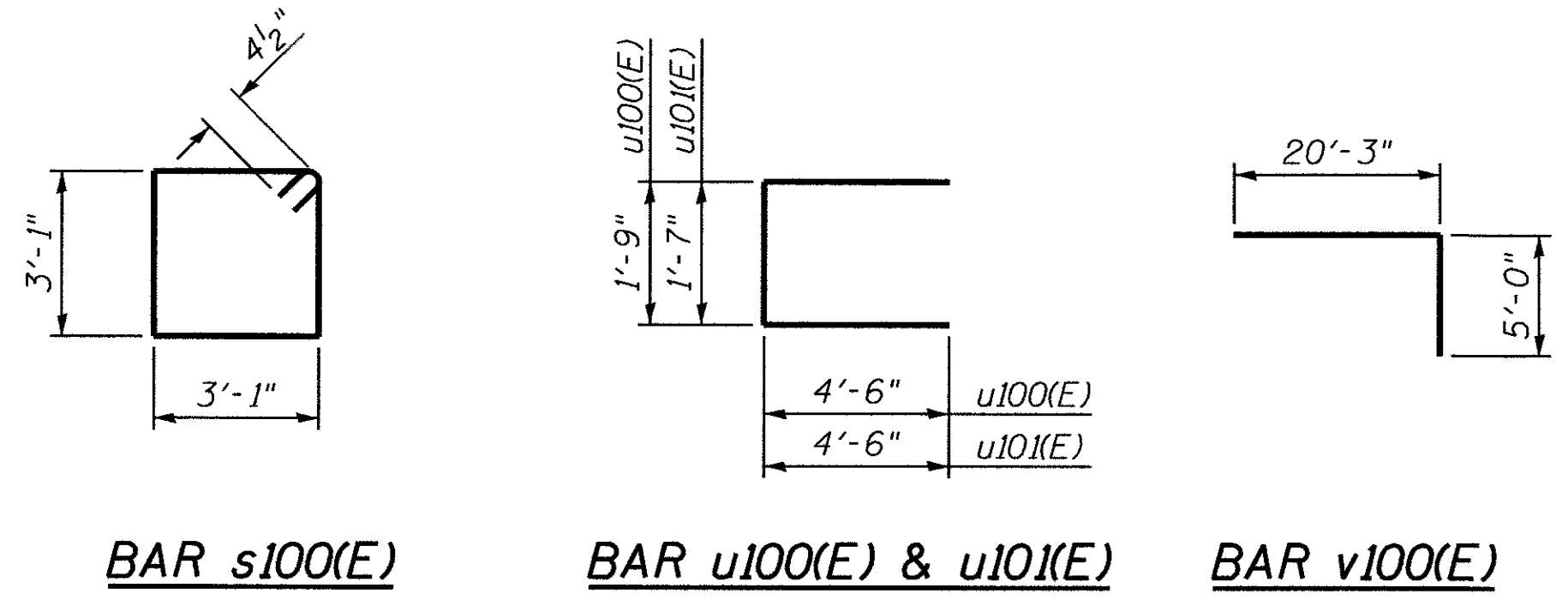
SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 49
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	

Lincolnwood Valley Line Trail



PLAN



**TWO PIERS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
s100(E)	80	#4	13'-1"	□
t100(E)	184	#6	14'-6"	—
u100(E)	184	#6	10'-9"	⊏
u101(E)	92	#6	10'-7"	⊏
v100(E)	96	#9	25'-3"	⊏
w100(E)	92	#6	29'-6"	—
Aggregate Subgrade Improvement			Cu Yd	66
Concrete Structures			Cu Yd	111
Reinforcement Bars, Epoxy Coated			Pound	21,460
Concrete Sealer			Sq Ft	989
Structure Excavation (Special)			Cu Yd	240

MIN BAR LAP

#6 bar = 4'-4"

NOTES:

1. Work this sheet with 49 of 93.
2. Bill of Material includes quantities and bar list for both piers.

6/21/2017 5:40:50 PM 26934 - 06 - Pier Foundation Details



USER NAME = 8291	DESIGNED - PS	REVISED -
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	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

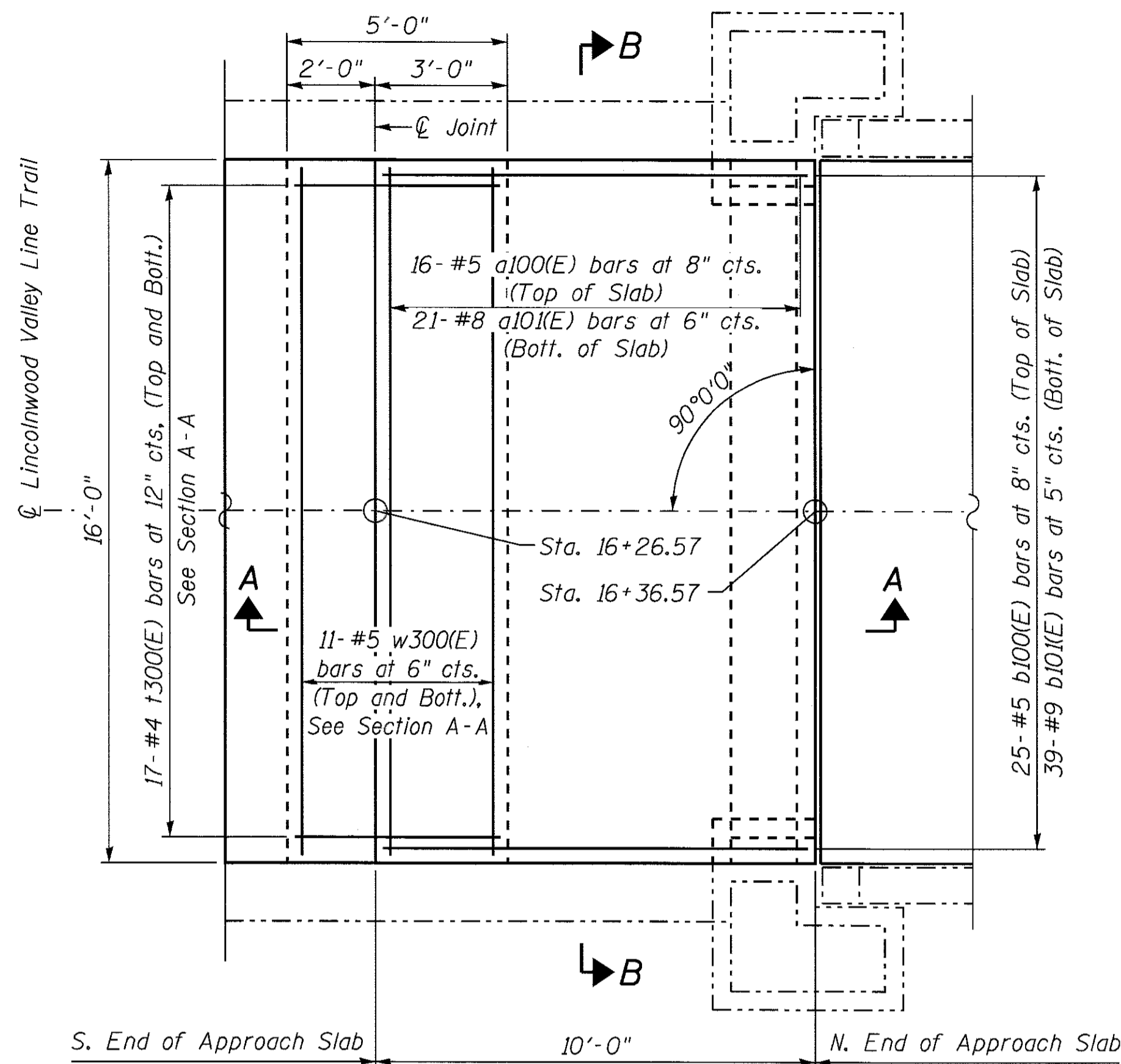
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
PIER FOUNDATION DETAILS

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

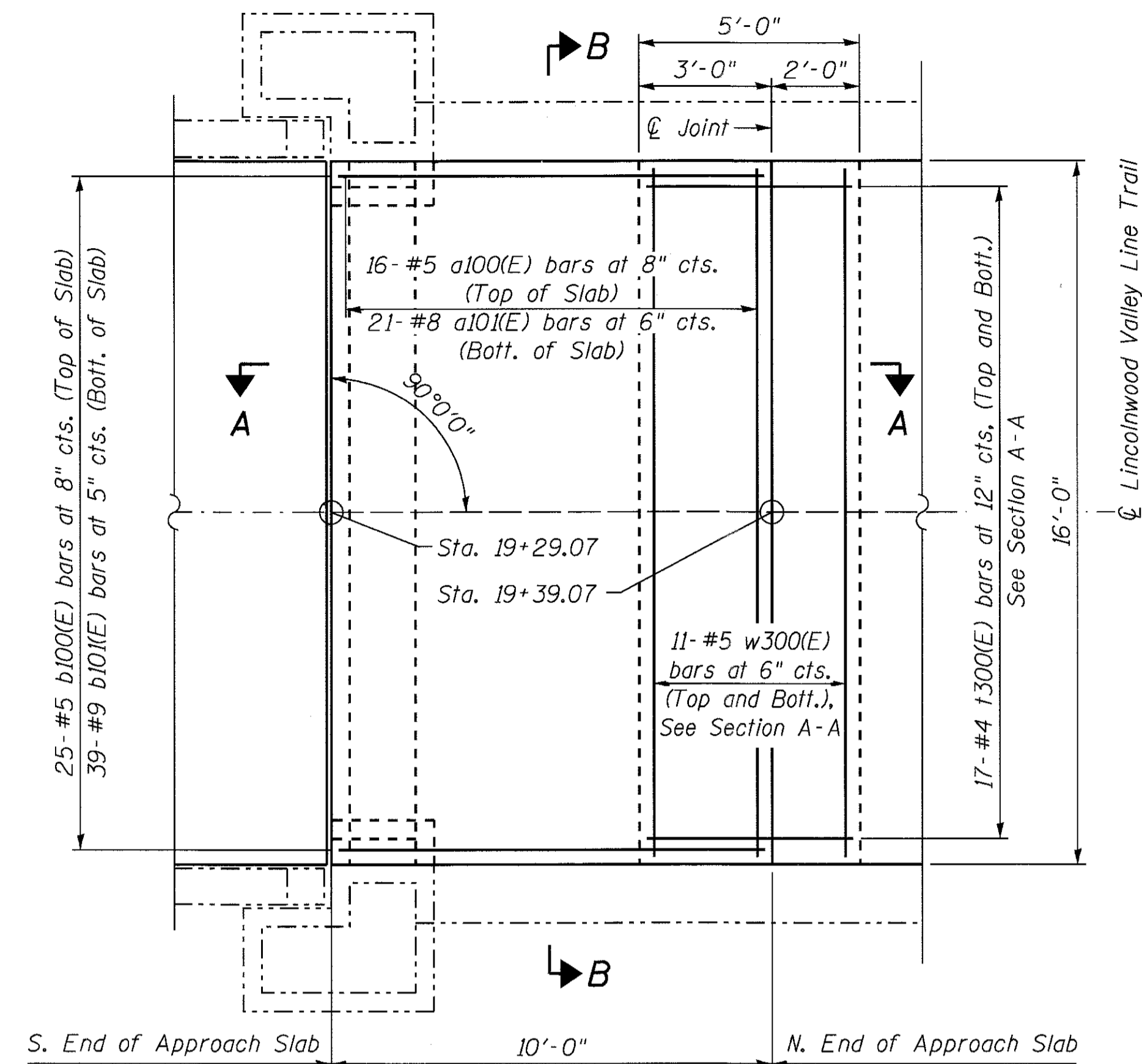
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	50
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	

**TWO APPROACHES
BILL OF MATERIAL**

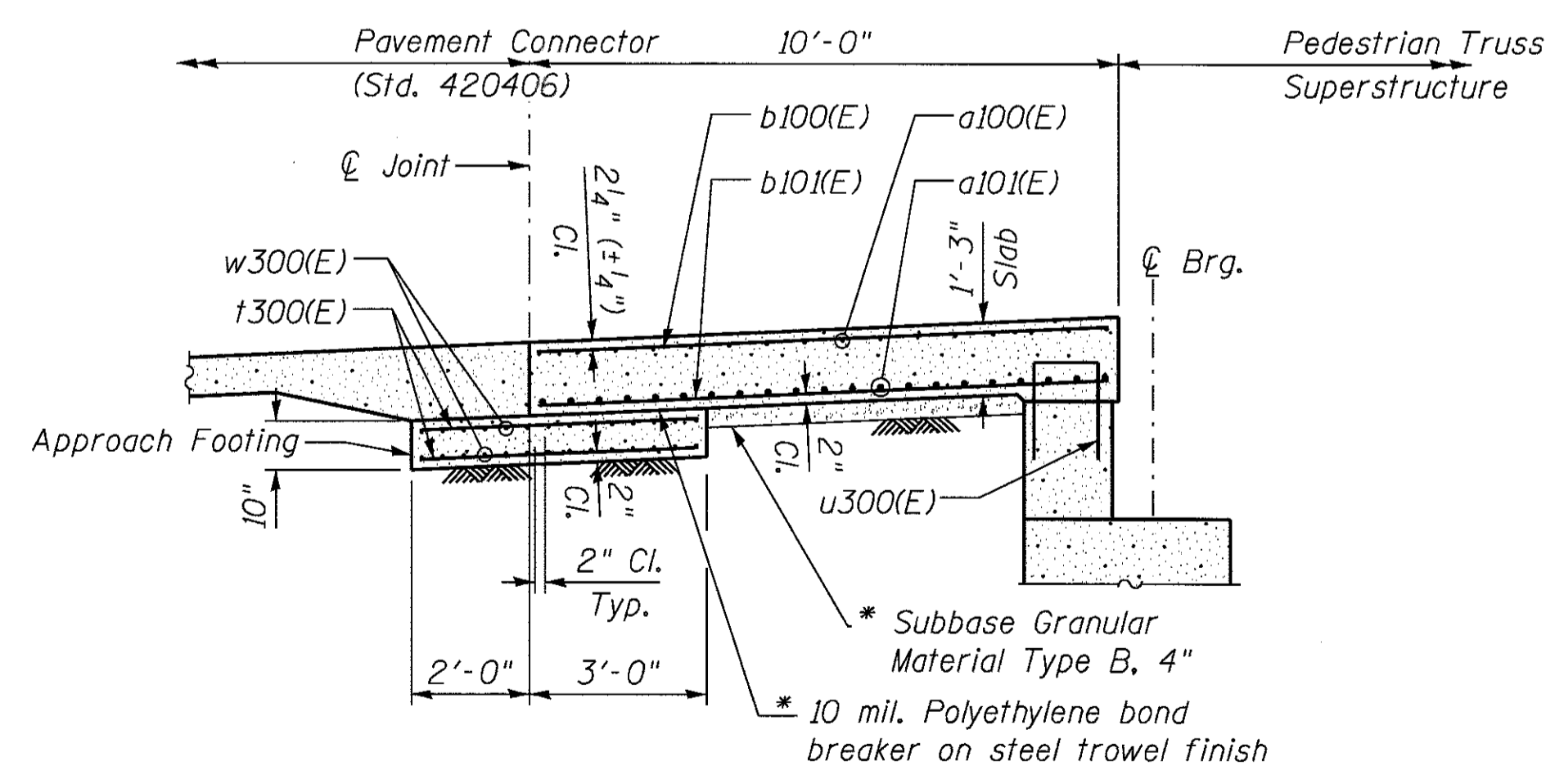
Bar	No.	Size	Length	Shape
a100(E)	32	#5	15'-8"	—
a101(E)	42	#8	15'-8"	—
b100(E)	50	#5	9'-8"	—
b101(E)	78	#9	9'-8"	—
t300(E)	34	#4	4'-8"	—
w300(E)	44	#5	15'-8"	—
Concrete Structures		Cu Yd	5	
Protective Coat		Sq Yd	36	
Concrete Superstructure (Approach Slab)		Cu Yd	15	
Reinforcement Bars, Epoxy Coated		Pound	6,180	



SOUTH APPROACH PLAN

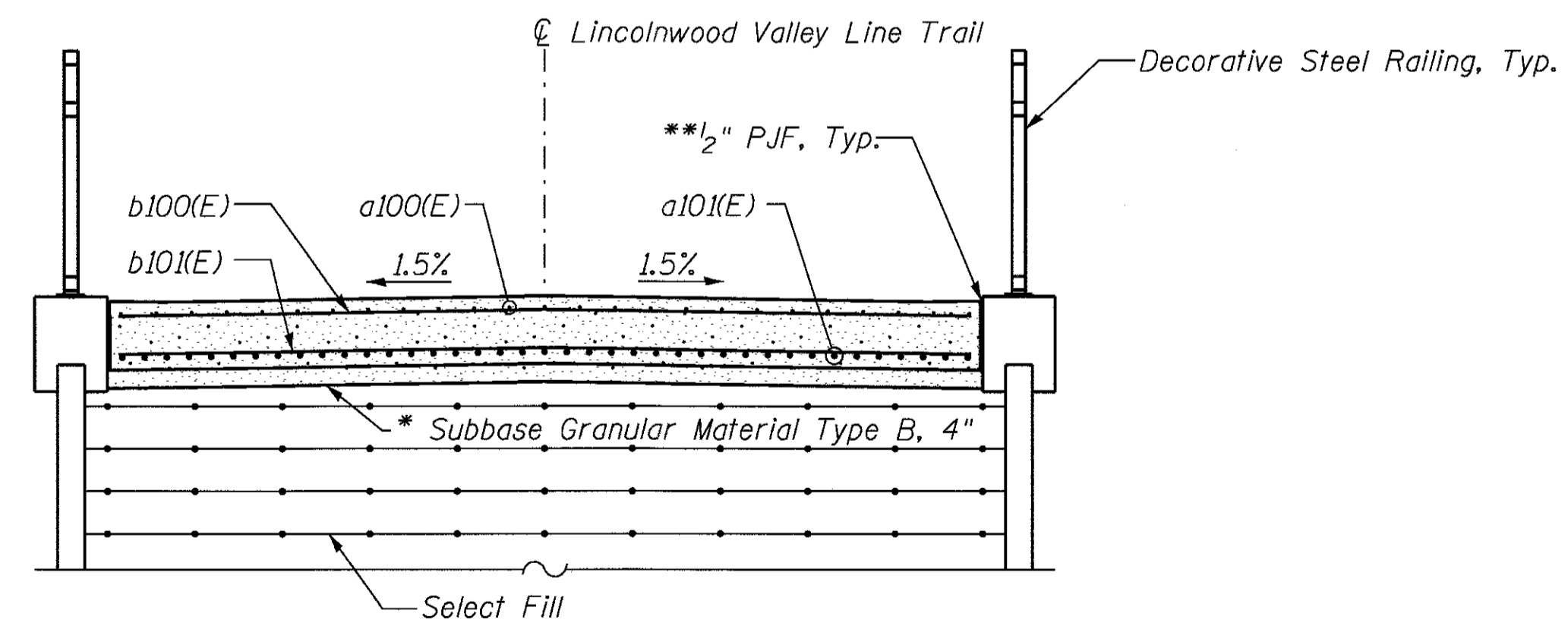


NORTH APPROACH PLAN



SECTION A-A

* Cost included with Concrete Superstructure (Approach Slab).



SECTION B-B

** Preformed Expansion Joint Filler according to Article 1051.09 of Standard Specifications. Full depth of slab, full length of approach slab. Typical at each end of approach. Included with the cost for Concrete Superstructure (Approach Slab).

5/26/2017 3:02:47 PM
26934 - 07 - Bridge Apr. Pkt. Details



USER NAME = 8291	DESIGNED - PS	REVISED -
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PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
BRIDGE APPROACH SLAB DETAILS**

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 51
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1, STA 16+43.81, 2.95' LT Ground Surface Elevation: 612.30

Page 1 of 2	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O
LOG OF TEST BORING B-3 Drill Rig: CME 75 Drill Date: 02/09/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 40.0' after Sampling (open triangle)	0		FILL - SAND with Gravel (SP-GP), black, loose								
				1	3					SS	
	4			2	4					SS	
			Silty CLAY (CL), brown & gray, very tough to hard, w/ trace sand, trace gravel	3	7	2.1	2.0	17.1		SS	
	8			4	13	4.7	4.5	17.0		SS	
	12		Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel	5	8	3.6	3.5	15.2		SS	
	16			6	8	2.8	2.5	16.0		SS	
	20			7	7	2.4	2.5	19.3		SS	
	24			8	6	2.7	2.5	15.1		SS	
	32										

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1, STA 16+43.81, 2.95' LT Ground Surface Elevation: 612.30

Page 2 of 2	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O
LOG OF TEST BORING B-3 (continued) Drill Rig: CME 75 Drill Date: 02/09/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 40.0' after Sampling (open triangle)			Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel	9	8	3.1	3.0	16.1		SS	
	36			10	6	2.3	2.0	17.0		SS	
	40			11	9	3.6	3.5	15.5		SS	
	44			12	10	3.3	3.5	13.5		SS	
	48										
	52										
	56										
	60										
	64										

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/ square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.

6/23/2017 8:35:02 AM
26834 - 08 - Soil Boring Log 1



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	DRAWN - RTT	REVISED -
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PLOT DATE = 6/23/2017	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SOIL BORING LOG 1

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	52
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 17+21.53, 6.13' RT Ground Surface Elevation: 612.95

Page 1 of 2	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O
LOG OF TEST BORING B-4 Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 45.0' after Sampling (open triangle)	0		FILL - SAND with Gravel (SP-GP), black, loose								
	1			1	4					SS	
	4			2	3					SS	
	8		Silty CLAY (CL), brown & gray, very tough to hard, w/ trace sand, trace gravel	3	5	2.7	2.5	20.7		SS	
	12		Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel	4	9	4.4	4.5	15.6		SS	
	16			5	7	3.75	4.0	15.0		SS	
	20			6	9	3.6	3.5	16.7		SS	
	24			7	6	2.7	2.5	15.0		SS	
	28			8	7	2.8	2.5	15.0		SS	
	32										

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 17+21.53, 6.13' RT Ground Surface Elevation: 612.95

Page 2 of 2	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O
LOG OF TEST BORING B-4 (continued) Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 45.0' after Sampling (open triangle)	36		Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel	9	7	3.1	3.0	16.8		SS	
	40			10	8	3.2	3.0	17.8		SS	
	44			11	9	3.6	3.5	16.3		SS	
	48										
	52			12	7	3.3	3.0	16.0		SS	
	56										
	60										
	64										

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/ square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.

6/23/2017 8:36:25 AM
26934 - 09 - Soil Boring Log 2



USER NAME = 8291	DESIGNED - PS	REVISED -
	DRAWN - RTT	REVISED -
PLOT SCALE = 0.1:0000 1" = 10'	CHECKED - DSE	REVISED -
PLOT DATE = 6/23/2017	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SOIL BORING LOG 2

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	53
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



DATE: 02/24/2015 File No.: 6000-1
Client: Stanley Consultants Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL
Boring Location: SEE FIGURE 1: STA 18+41.06, 8.03' RT Ground Surface Elevation: 612.47

Page 1 of 2		Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O
LOG OF TEST BORING B-5 Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 45.0' after Sampling (open triangle)	0		FILL - SAND with Gravel (SP-GP), black, very loose	1	2						SS	0.00'
	4		Silty CLAY (CL), brown, hard, w/ trace sand, trace gravel	2	3						SS	5.00'
	8			3	8	4.5	18.2			SS		
				4						AS		
				Silty CLAY (CL), gray, very tough to hard, w/ trace sand, trace gravel	5		4.5	16.7			ST	12.00'
	12		6		12	3.5	17.1			SS		
	16		7		6	3.0	15.9			SS		
	20				8	9	3.2	3.0	15.1		SS	
	24				9	10	2.7	2.5	15.4		SS	
	28											
32												

- Legend**
- S = Sample No.
 - N = Penetration (blows/foot)
 - Qu = Unconfined Strength (tons/square ft.)
 - Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 - Wc = Water Content in %
 - Yd = Dry Density (pcf)
 - MS = Method of Sample
 - SS = Split - Spoon Sample
 - AS = Auger Sample
 - ST = Shelby Tube Sample
 - NX = Rock Core Sample
 - PC = Pavement Core Sample
 - %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.



DATE: 02/24/2015 File No.: 6000-1
Client: Stanley Consultants Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL
Boring Location: SEE FIGURE 1: STA 18+41.06, 8.03' RT Ground Surface Elevation: 612.47

Page 2 of 2		Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O	
LOG OF TEST BORING B-5 (continued) Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 45.0' after Sampling (open triangle)	36		Silty CLAY (CL), gray, very tough to hard, w/ trace sand, trace gravel	9	2.9	3.0	16.1				SS		
	40			11	11	3.2	3.0	14.7			SS		
	44			12	10	3.7	3.5	14.9			SS		
	48			13	12	4.1	4.0	13.9			SS		
	52												
	56												
60													
64													

- Legend**
- S = Sample No.
 - N = Penetration (blows/foot)
 - Qu = Unconfined Strength (tons/square ft.)
 - Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 - Wc = Water Content in %
 - Yd = Dry Density (pcf)
 - MS = Method of Sample
 - SS = Split - Spoon Sample
 - AS = Auger Sample
 - ST = Shelby Tube Sample
 - NX = Rock Core Sample
 - PC = Pavement Core Sample
 - %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.

6/23/2017 8:38:09 AM
26934 - 10 - Soil Boring Log 3



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PLOT SCALE = 0.1:0000 ' = 1"	DRAWN - RTT	REVISED -
PLOT DATE = 6/23/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SOIL BORING LOG 3

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	54
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 19+23.34, 1.07' LT
Ground Surface Elevation: 611.97

Page 1 of 2		Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O		
LOG OF TEST BORING B-6 Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 45.0' after Sampling (open triangle)	0		FILL - SAND with Gravel (SP-GP), black, loose										0.00'	
	1	3									SS			
	4	2	4								SS			
	4			Silty CLAY (CL), brown & gray, hard, w/ trace sand, trace gravel										5.00'
	3	9	4.7	4.5	17.2						SS			
	4	12	4.2	4.0	16.1						SS			
	12			Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel										12.00'
	5	8	3.2	3.0	13.7						SS			
	6	7	2.3	2.0	15.5						SS			
	7	9	3.7	3.5	14.1						SS			
8	10	2.3	2.0	14.6						SS				

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 19+23.34, 1.07' LT
Ground Surface Elevation: 611.97

Page 2 of 2		Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O	
LOG OF TEST BORING B-6 (continued) Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at 45.0' after Sampling (open triangle)			Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel										
	9	9	2.2	2.5	15.7						SS		
	36												
	10	9	2.4	2.5	15.0						SS		
	40												
	11	13	3.7	3.5	17.0						SS		
48													
12	12	3.9	3.5	18.5							SS		50.00'
52													
56													
60													
64													

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/ square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.



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PLOT DATE = 6/23/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

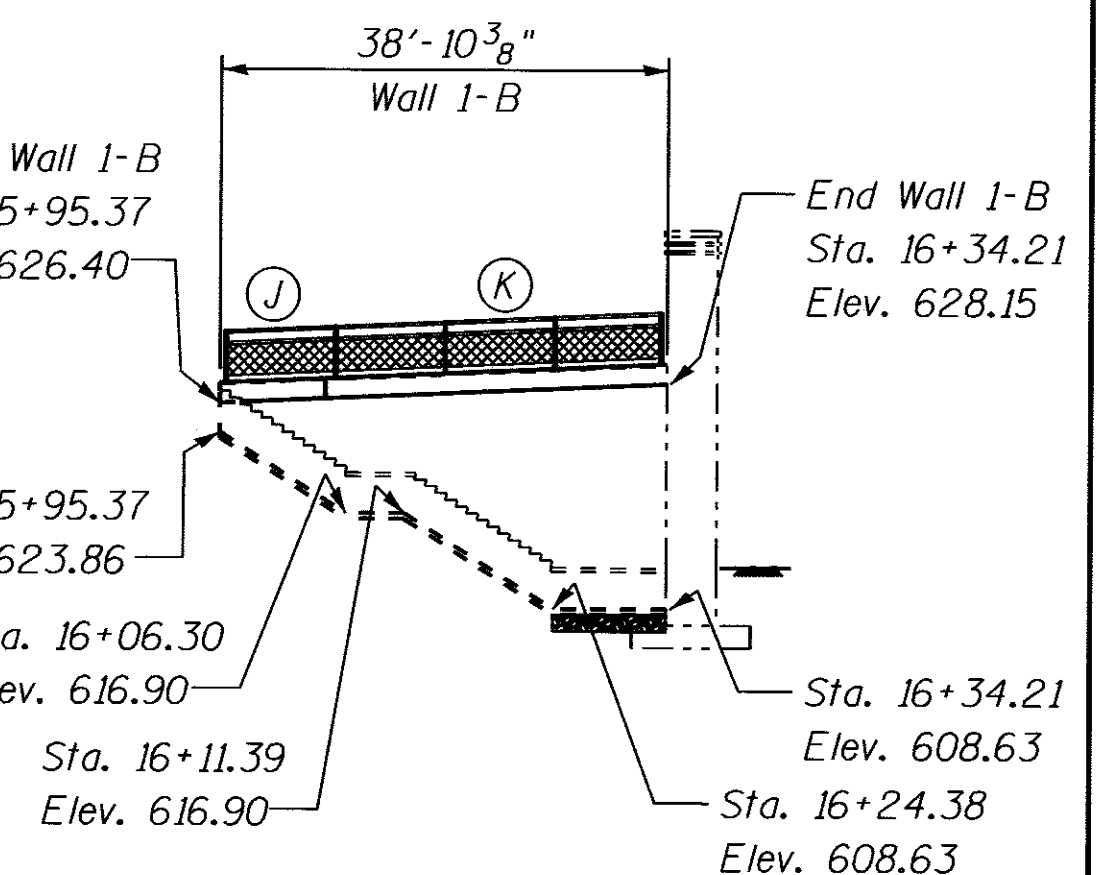
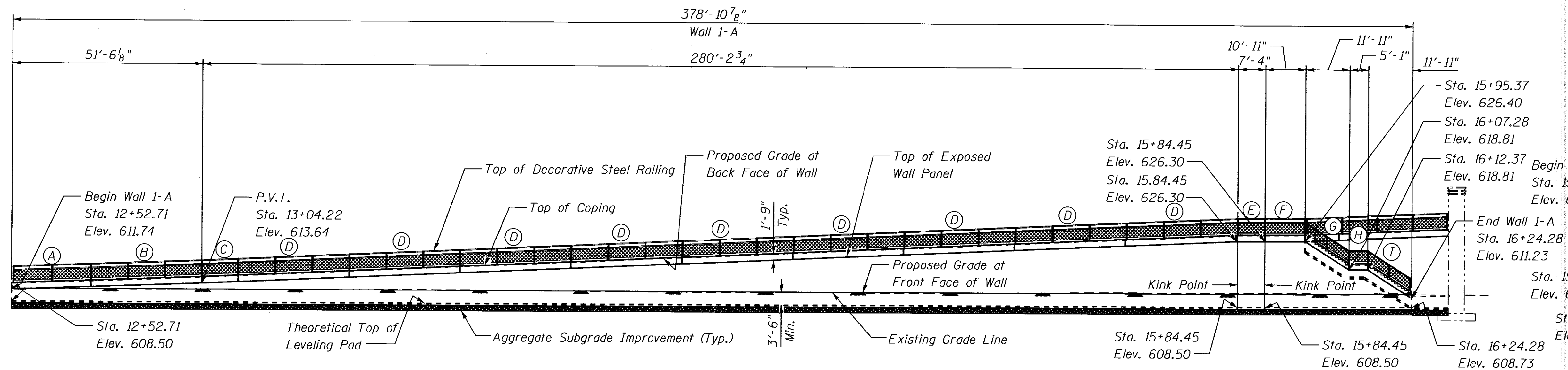
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SOIL BORING LOG 4

SCALE: SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	55
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	

Benchmark: Southeast corner of concrete base of light pole in median of Lincoln at north property line #7366, 1948372.2050N, 1144757.0230E, Elev. ~~610.80~~ **G10.97**

Existing Structure: None



ELEVATION WALL 1-A
(Measured Along Front Face of Wall, Unfolded)

ELEVATION WALL 1-B
(Measured Along Front Face of Wall, Unfolded)

LEGEND

- E — Existing Electric
- A — Existing Aerial
- //// Permanent Easement
- Existing Utility
- ⊕ Soil Boring Location
- ⊙ Coping Segment

DESIGN SPECIFICATIONS

2014 AASHTO LRFD Bridge Design Specifications, 7th Edition, with 2016 Interims
2012 Illinois Department of Transportation Bridge Manual

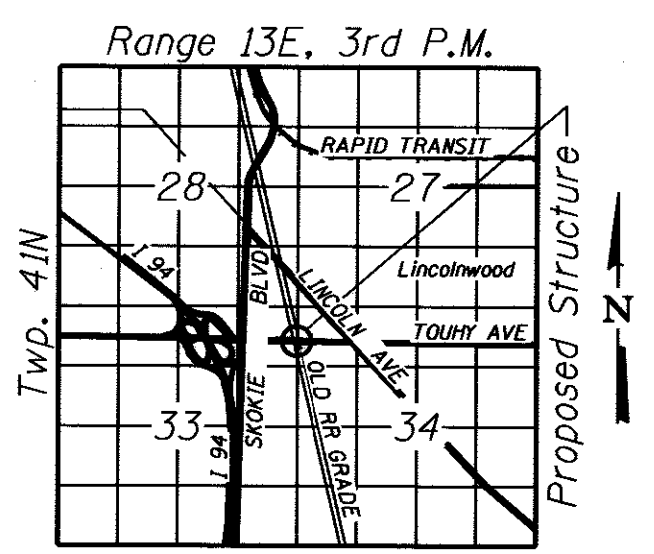
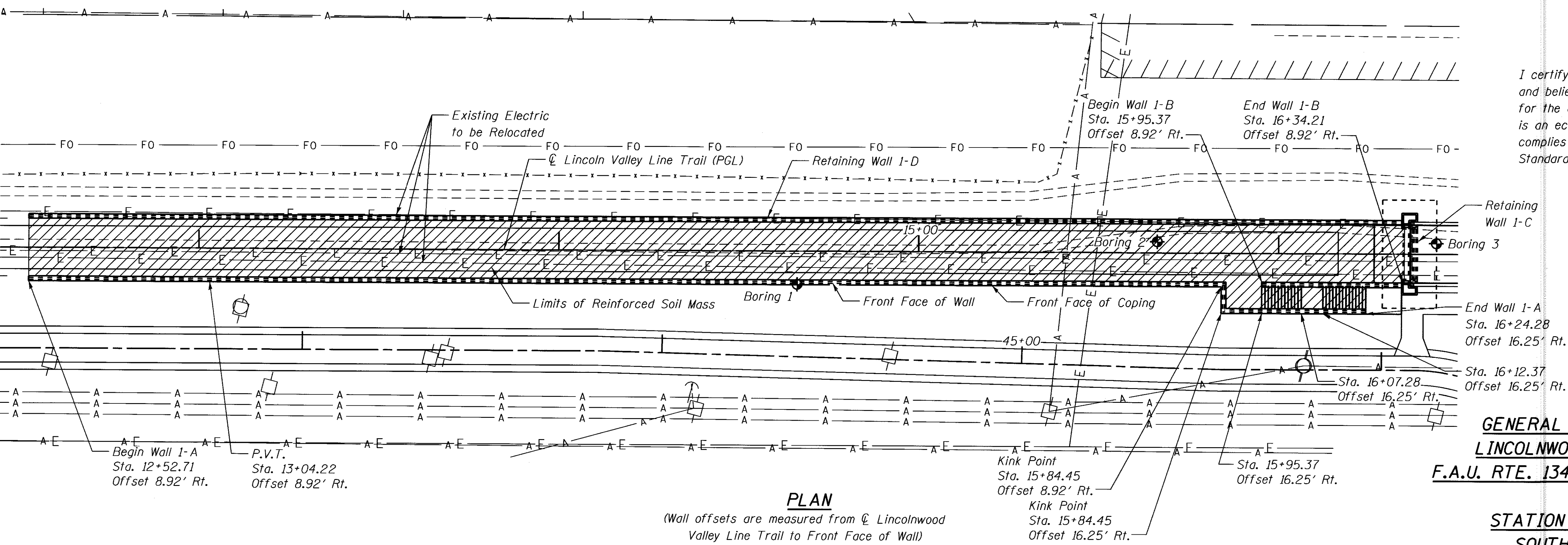
DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
PRECAST UNITS
f'c = 4,500 psi (Wall Panels)



EXPIRATION DATE: 11-30-18
DATE: 5-23-17

I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.



LOCATION SKETCH

GENERAL PLAN & ELEVATION
LINCOLNWOOD VALLEY LINE TRAIL
F.A.U. RTE. 1340 SECTION 12-00059-00-BR
COOK COUNTY
STATION 12+52.71 TO 16+34.21
SOUTH APPROACH WALLS

5/23/2017 1:02:37 PM
26934 - 12 - GPE_Wall_1A_1B

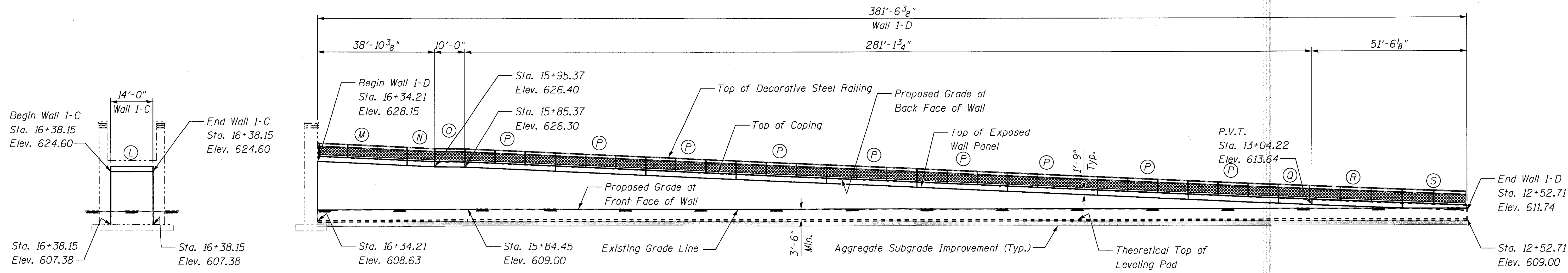


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	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

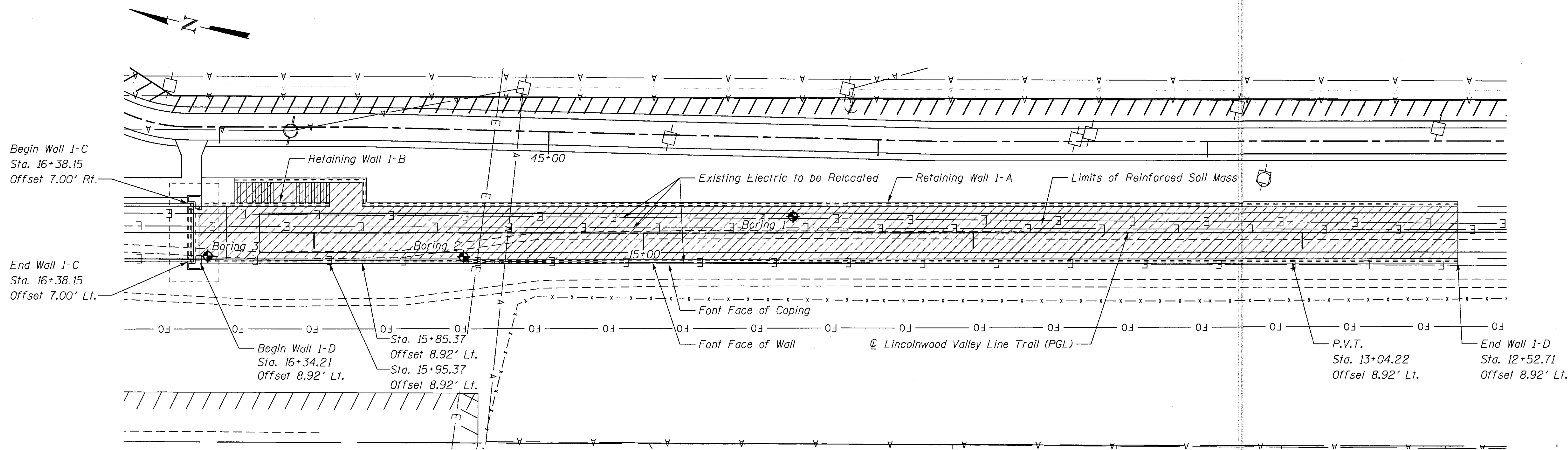
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
GENERAL PLAN AND ELEVATION WALL 1A AND 1B
SCALE: NONE SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	56
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



ELEVATION WALL 1-C
(Measured Along Front Face of Wall, Unfolded)

ELEVATION WALL 1-D
(Measured Along Front Face of Wall, Unfolded)



PLAN
(Wall offsets are measured from \odot Lincolnwood Valley Line Trail to Front Face of Wall)

LEGEND

- E—E— Existing Electric
- A—A— Existing Aerial
- //// Permanent Easement
- \odot Existing Utility
- \oplus Soil Boring Location
- \odot Coping Segment

**GENERAL PLAN & ELEVATION
LINCOLNWOOD VALLEY LINE TRAIL
F.A.U. RTE. 1340 SECTION 12-00059-00-BR
COOK COUNTY
STATION 12+52.71 TO 16+34.21
SOUTH APPROACH WALLS**

5/26/2017 3:03:31 PM 26934 - 13 - GPE_Wall_1C_1D



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	DRAWN - RTT	REVISED -
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PLOT DATE = 5/26/2017	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS GENERAL PLAN AND ELEVATION WALL 1C AND 1D			
SCALE: NONE	SHEET 2	OF 11 SHEETS	STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 57
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

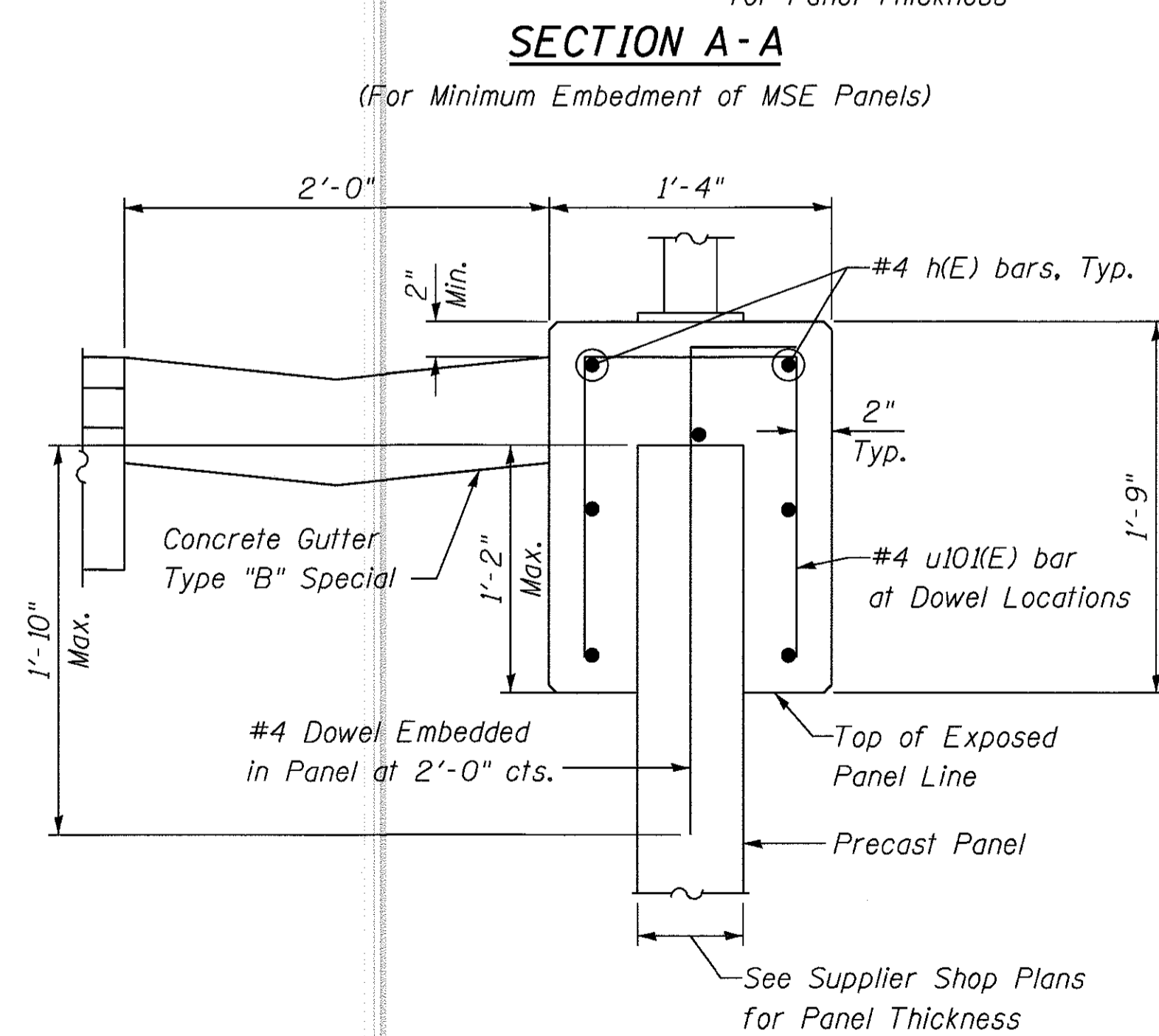
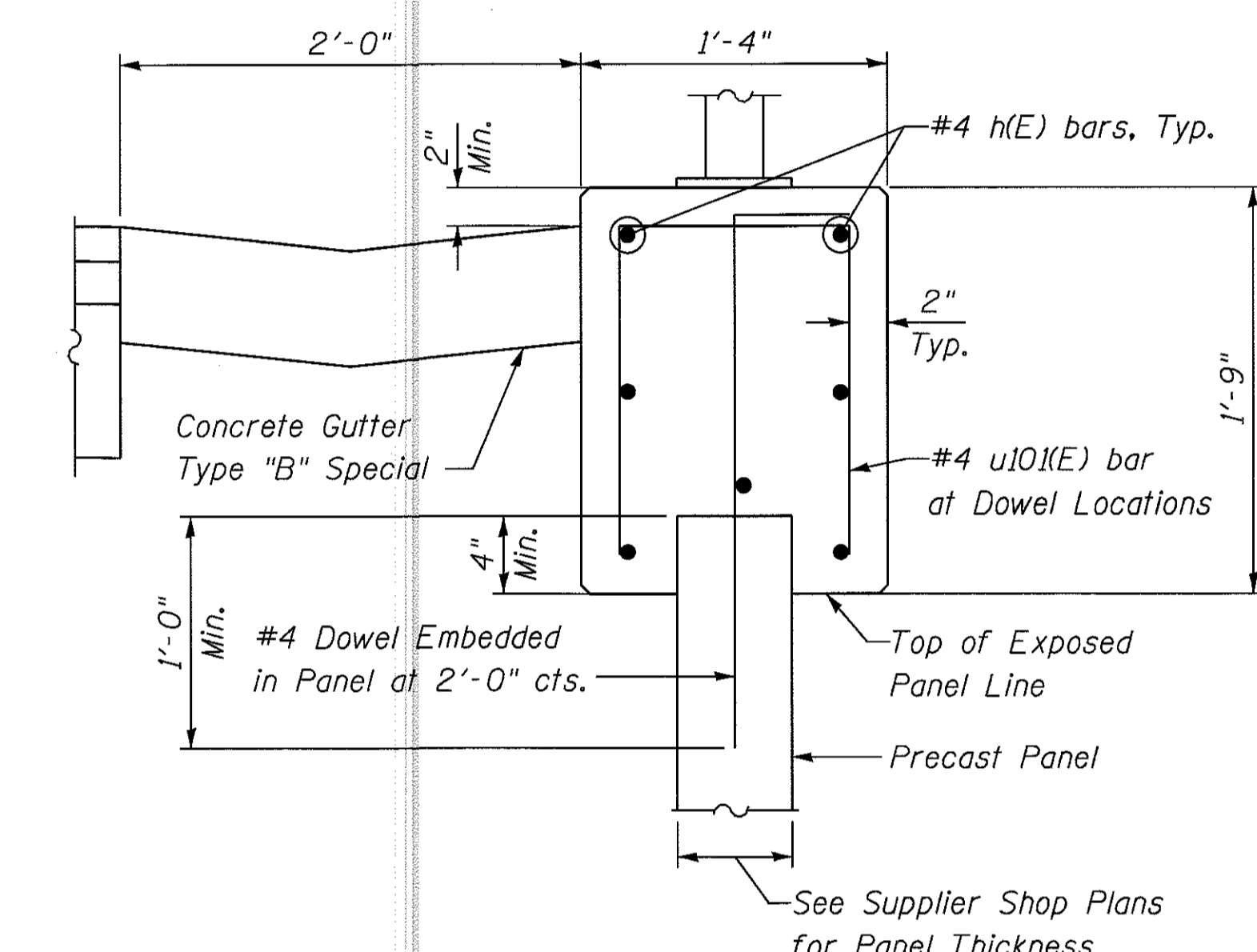
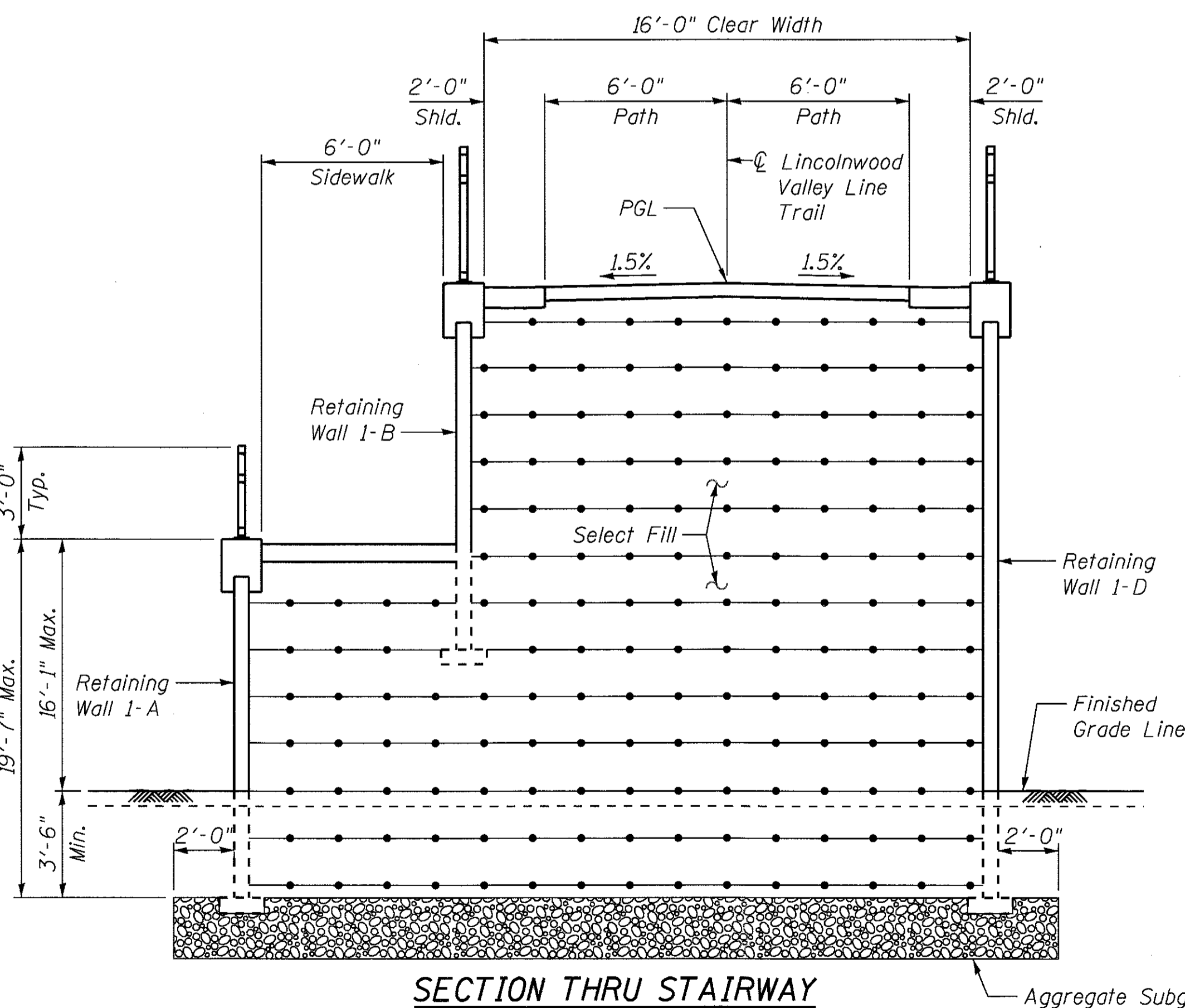
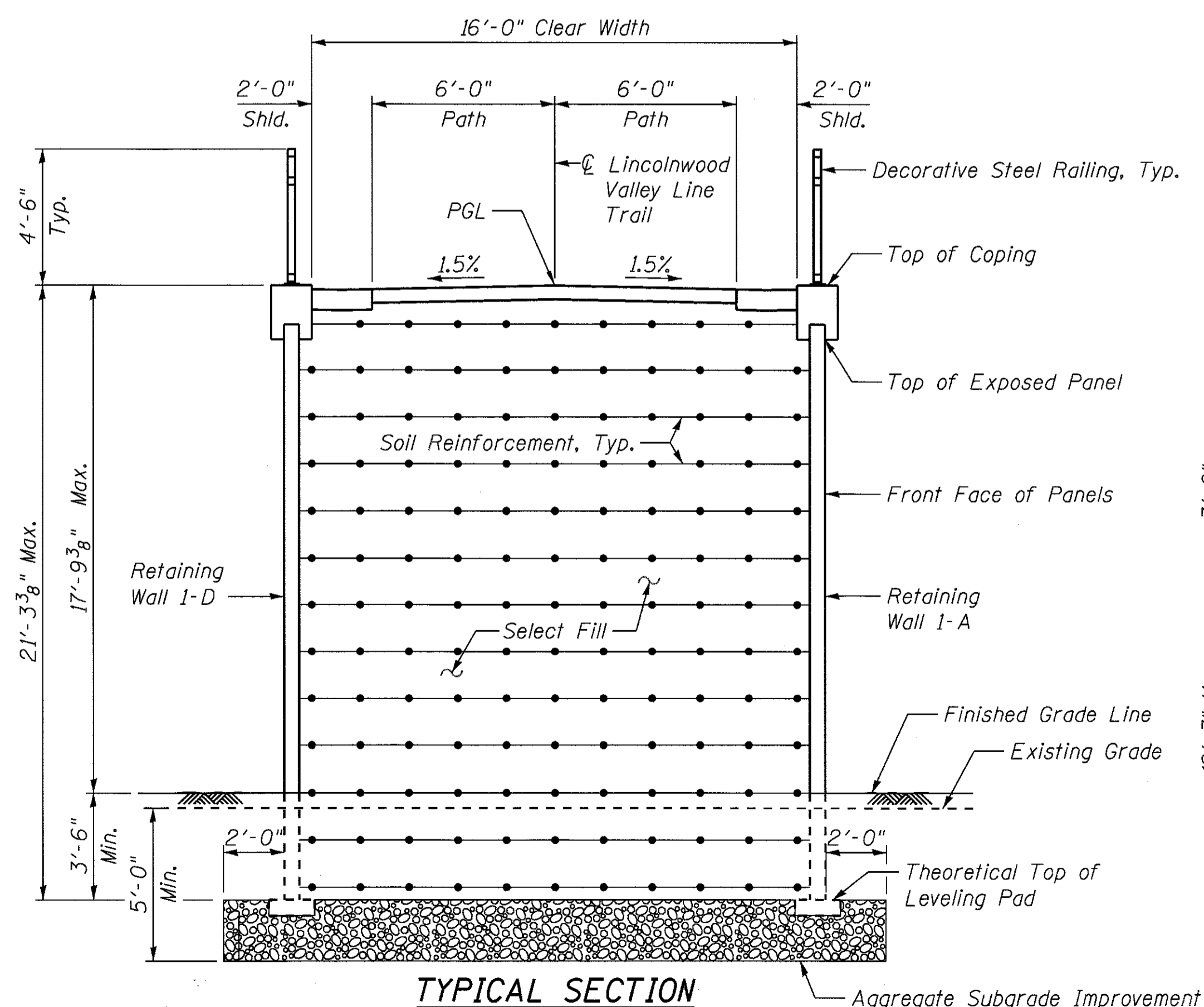
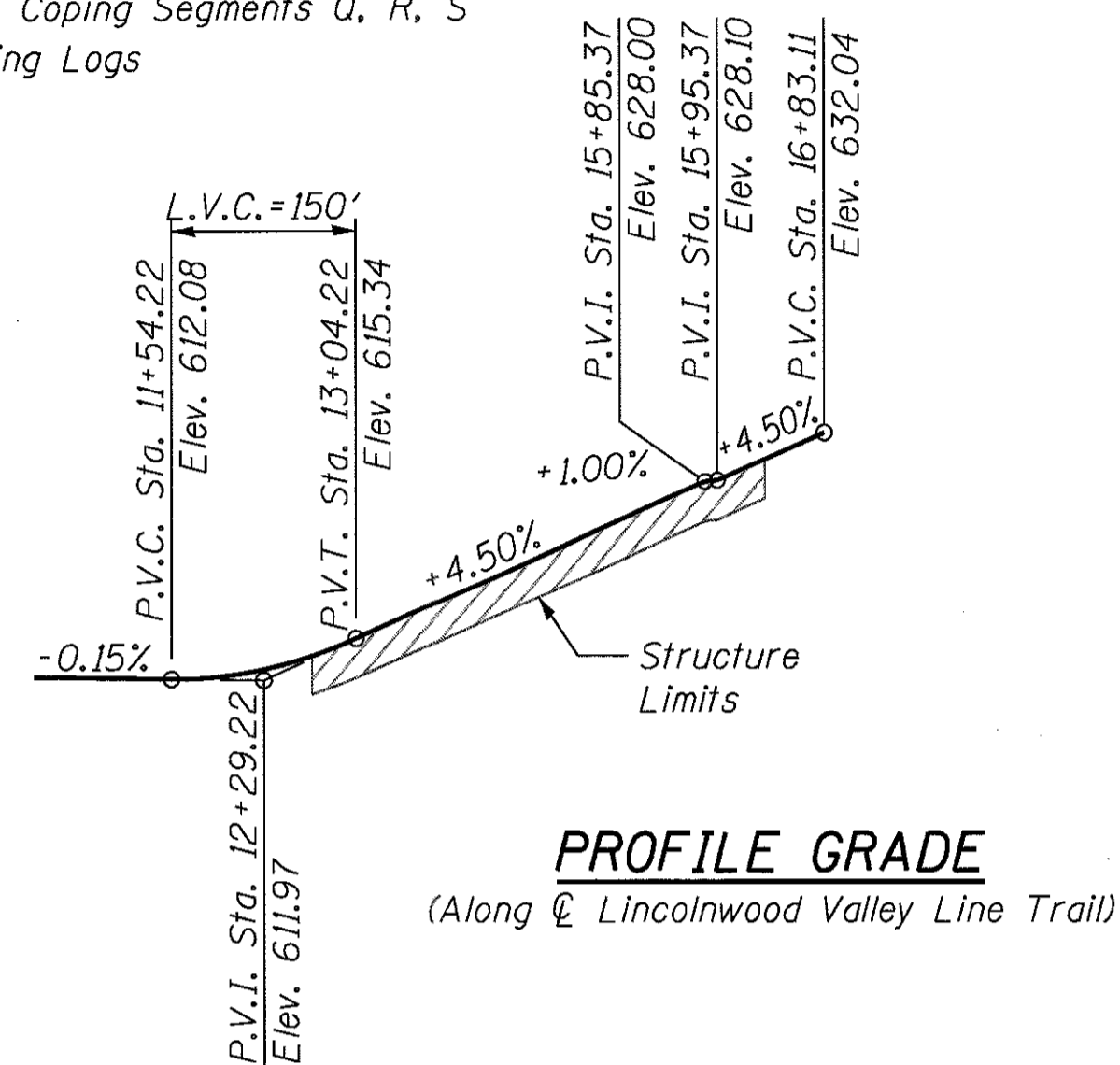
- All work shall be done in accordance with the Illinois Department of Transportation (IDOT) Standard Specifications for Road and Bridge Construction, Adopted April 1, 2016 and the latest Supplemental Specifications and recurring Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- All exposed concrete edges shall have a 3/4" x 45° Chamfer except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
- Cover from the face of concrete to the face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.
- Contractor shall not scale dimensions from the contract plans for construction purposes.
- It shall be the contractors responsibility to verify the location of all utilities prior to starting construction. Contact J.U.L.I.E., 800-892-0123.
- The soil boring logs represent point information. presentation of this information in no way implies that subsurface conditions are the same at locations other than the exact location of the boring.
- See Special Provision "Decorative Steel Railing" for design and construction requirements.
- Limits of Structure Excavation (Special) shall extend a minimum of 5' below existing grade. Backfill with Aggregate Subgrade Improvement to top of leveling pad. See Roadway Plans for details.
- Protective Coating shall be applied to all exposed faces of the concrete stairway.
- See Special Provision "Simulated Indiana Buff Limestone Surface Form Liner and Mockup" for details on precast panels.

INDEX OF SHEETS

- General Plan And Elevation Wall 1A and 1B
- General Plan And Elevation Wall 1C and 1D
- Index, General Notes, Total Bill of Material and Details
- Concrete Stair Details
- Concrete Coping Segments A, B, C, D,
- Concrete Coping Segments E, F, G, H, I
- Concrete Coping Segments J, K
- Concrete Coping Segment L
- Concrete Coping Segments M, N, O, P
- Concrete Coping Segments Q, R, S
- Soil Boring Logs

TOTAL BILL OF MATERIAL

PAY ITEM NO.	ITEM	UNIT	TOTAL
20400800	Furnished Excavation	Cu Yd	142
30300001	Aggregate Subgrade Improvement	Cu Yd	571
50300225	Concrete Structures	Cu Yd	15
50300300	Protective Coat	Sq Yd	42
50800205	Reinforcement Bars, Epoxy Coated	Pound	2,590
52200500	Mechanically Stabilized Earth Retaining Wall	Sq Ft	8,959
X0323444	Decorative Steel Railing	Foot	800
X5020200	Structure Excavation (Special)	Cu Yd	1,453



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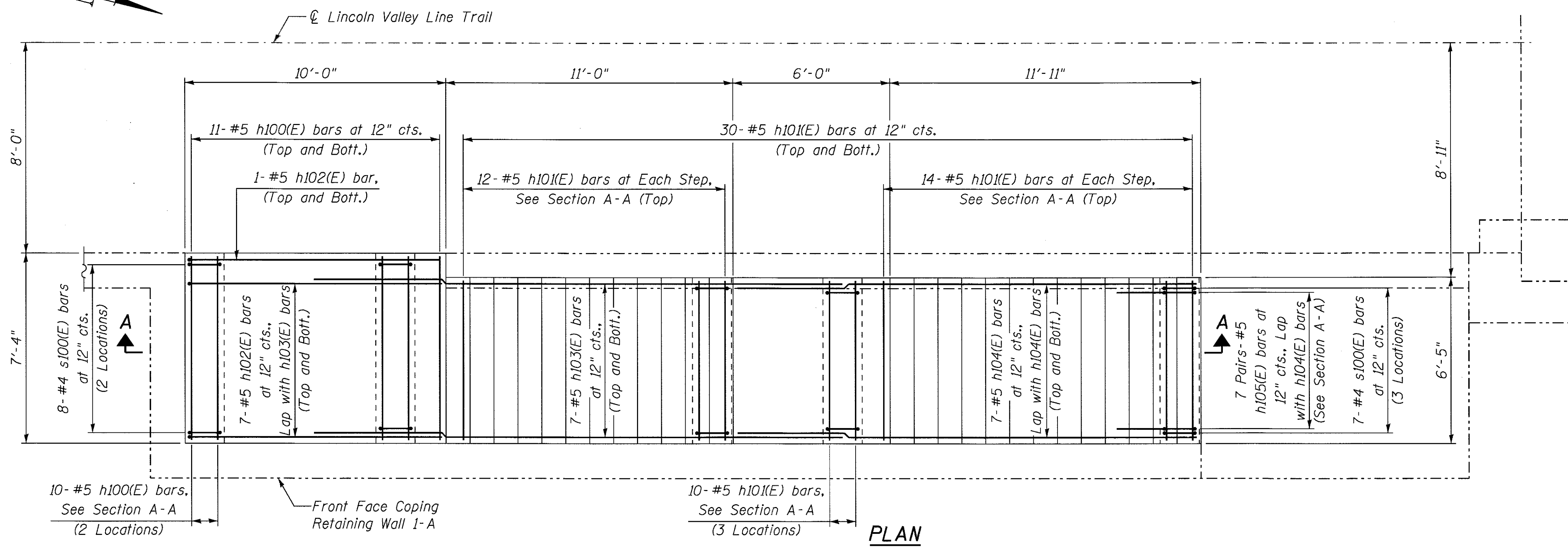
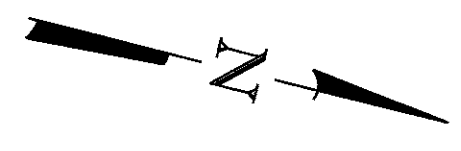


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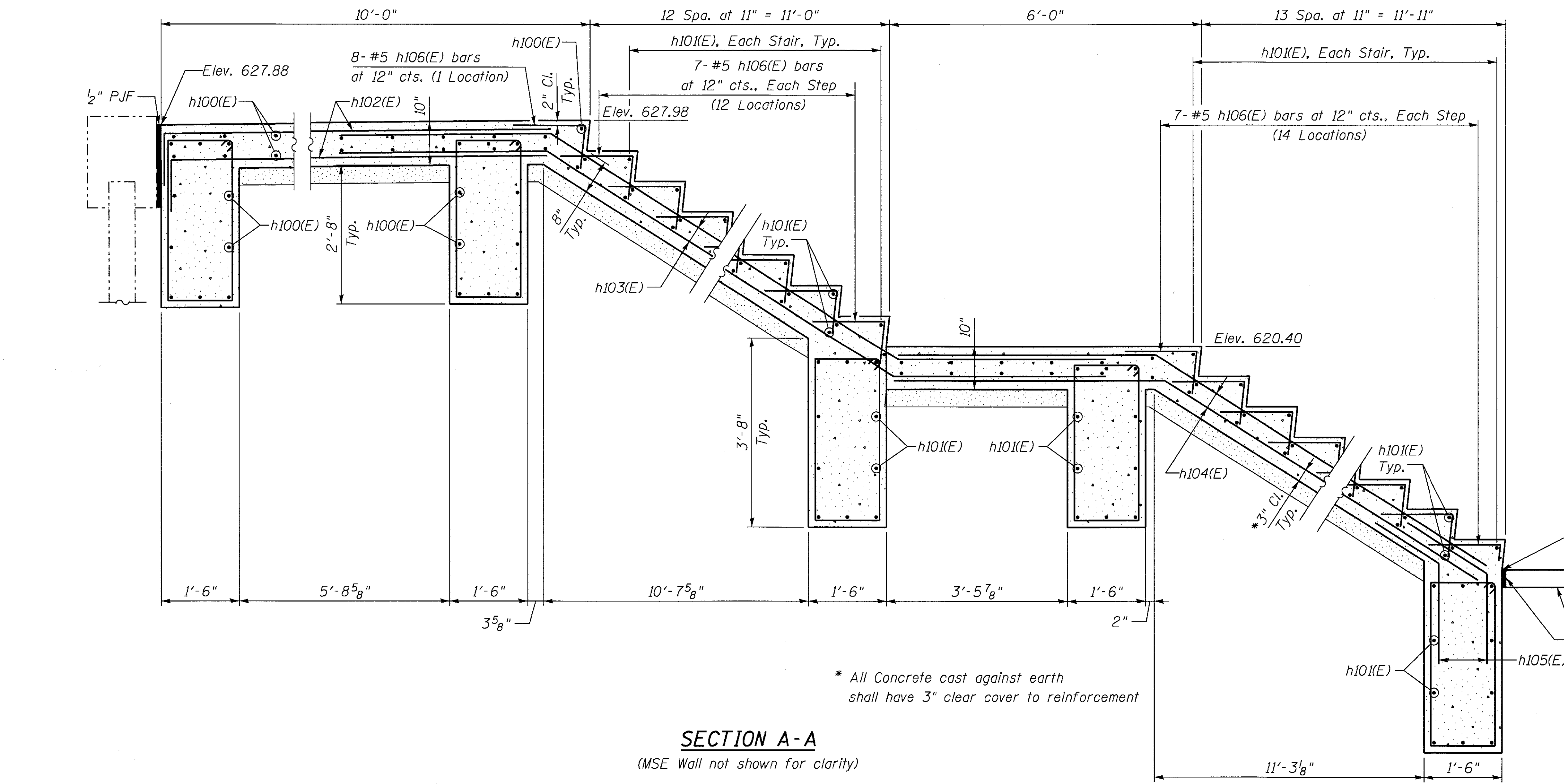
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
INDEX, GENERAL NOTES, TOTAL BILL OF MATERIAL AND DETAILS

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 58
SCALE: NONE				SHEET 3 OF 11 SHEETS
CONTRACT NO. 61D97				ILLINOIS FED. AID PROJECT



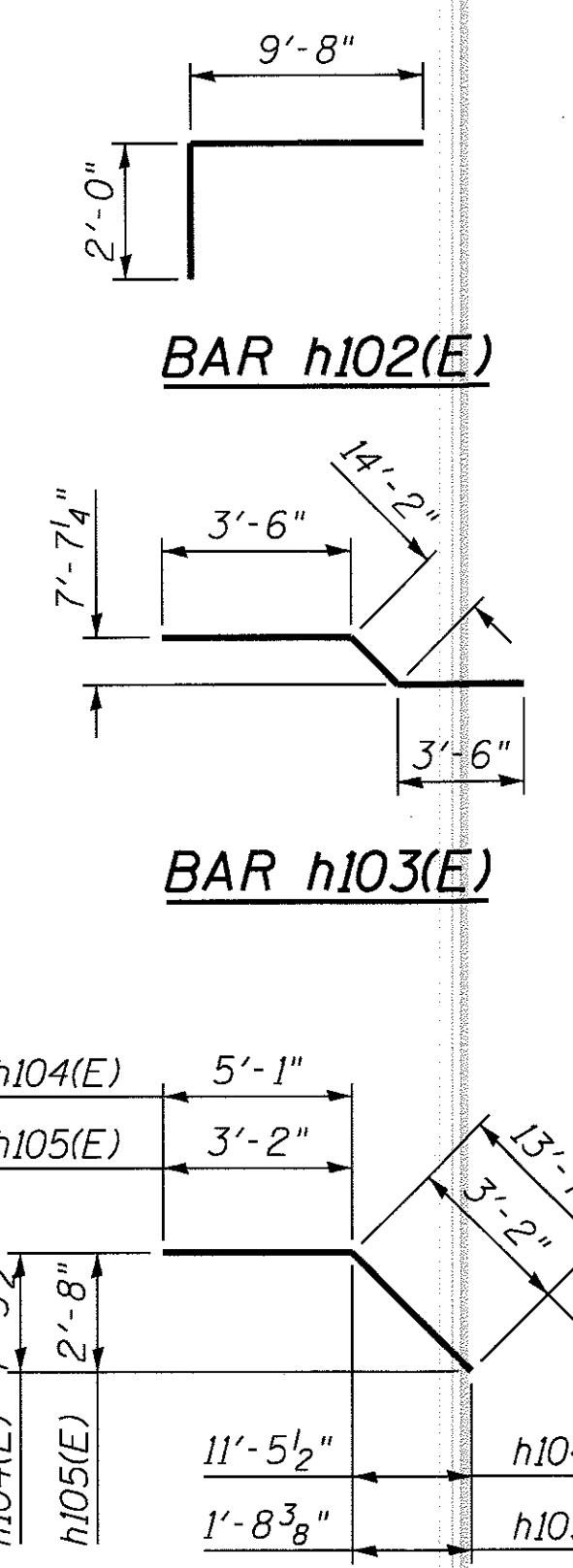
PLAN



SECTION A-A

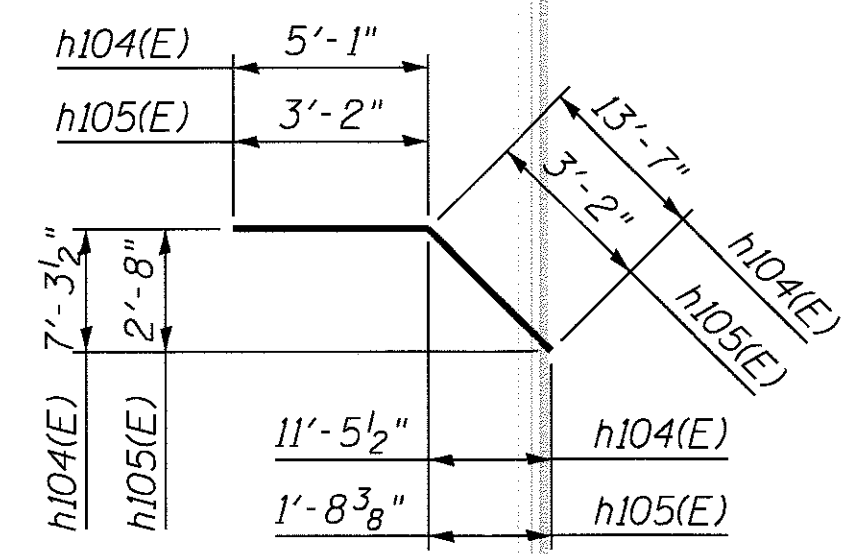
(MSE Wall not shown for clarity)

* All Concrete cast against earth shall have 3" clear cover to reinforcement

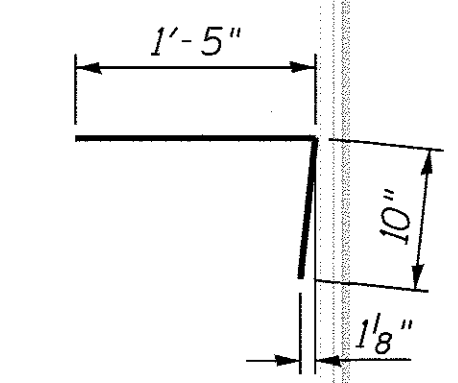


BAR h102(E)

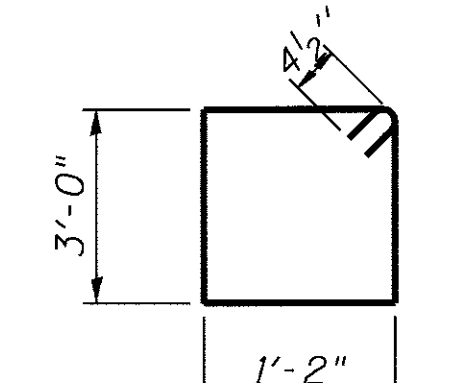
BAR h103(E)



BARs h104(E) & h105(E)



BAR h106(E)



BAR s100(E)

**CONCRETE STAIRS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h100(E)	42	#5	7'-0"	—
h101(E)	116	#5	6'-1"	—
h102(E)	16	#5	11'-8"	—
h103(E)	14	#5	21'-2"	—
h104(E)	14	#5	18'-8"	—
h105(E)	14	#5	6'-4"	—
h106(E)	190	#5	2'-3"	—
s100(E)	37	#4	9'-1"	—
Concrete Structures		Cu Yd	15	
Protective Coat		Sq Yd	42	
Reinforcement Bars,		Pound	2,590	
Epoxy Coated				

MIN. BAR LAP

#5 Bar = 3'-4"

NOTES:

1. Location of conduit shall be coordinated with electrical contractor prior to pouring concrete for stair lighting. See Electrical Plans for Details.
2. Contractor shall provide detectable warning grooves at landings per ADA requirements See Architectural Plans for Details.

5/26/2017 3:03:41 PM 26934 - 15 - Concrete Stair Details



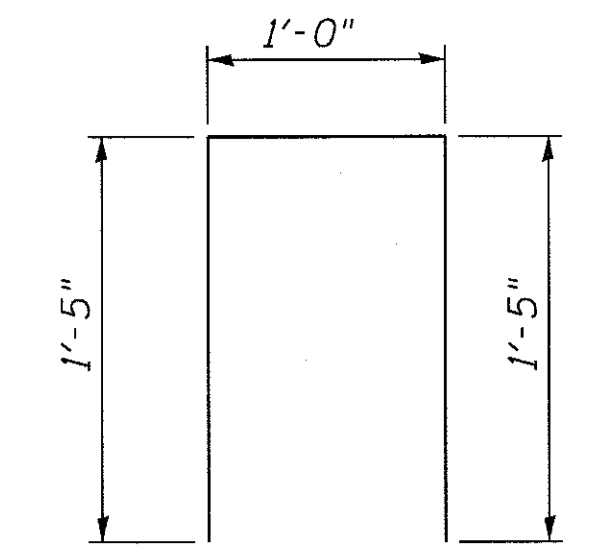
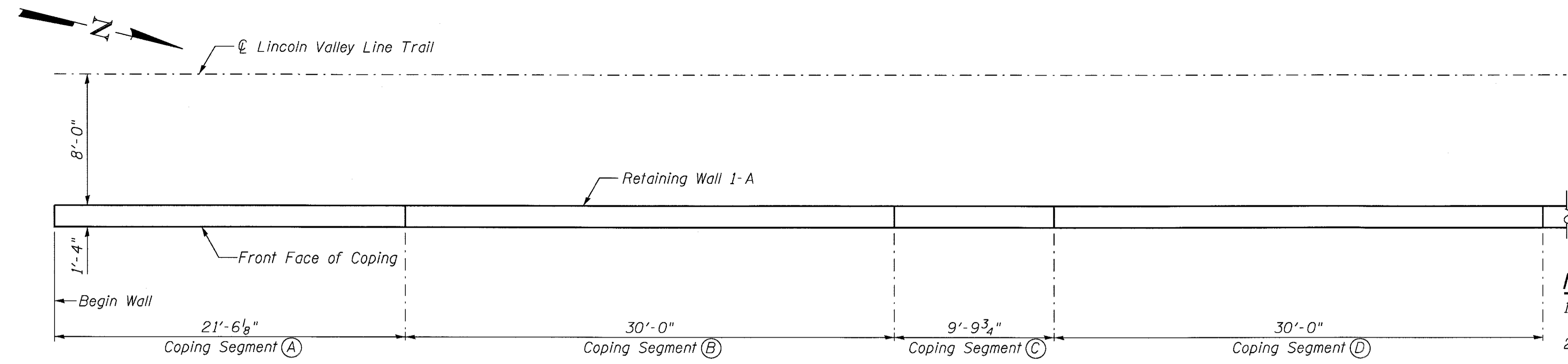
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	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE STAIR DETAILS**

SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	59
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



BAR u101(E)

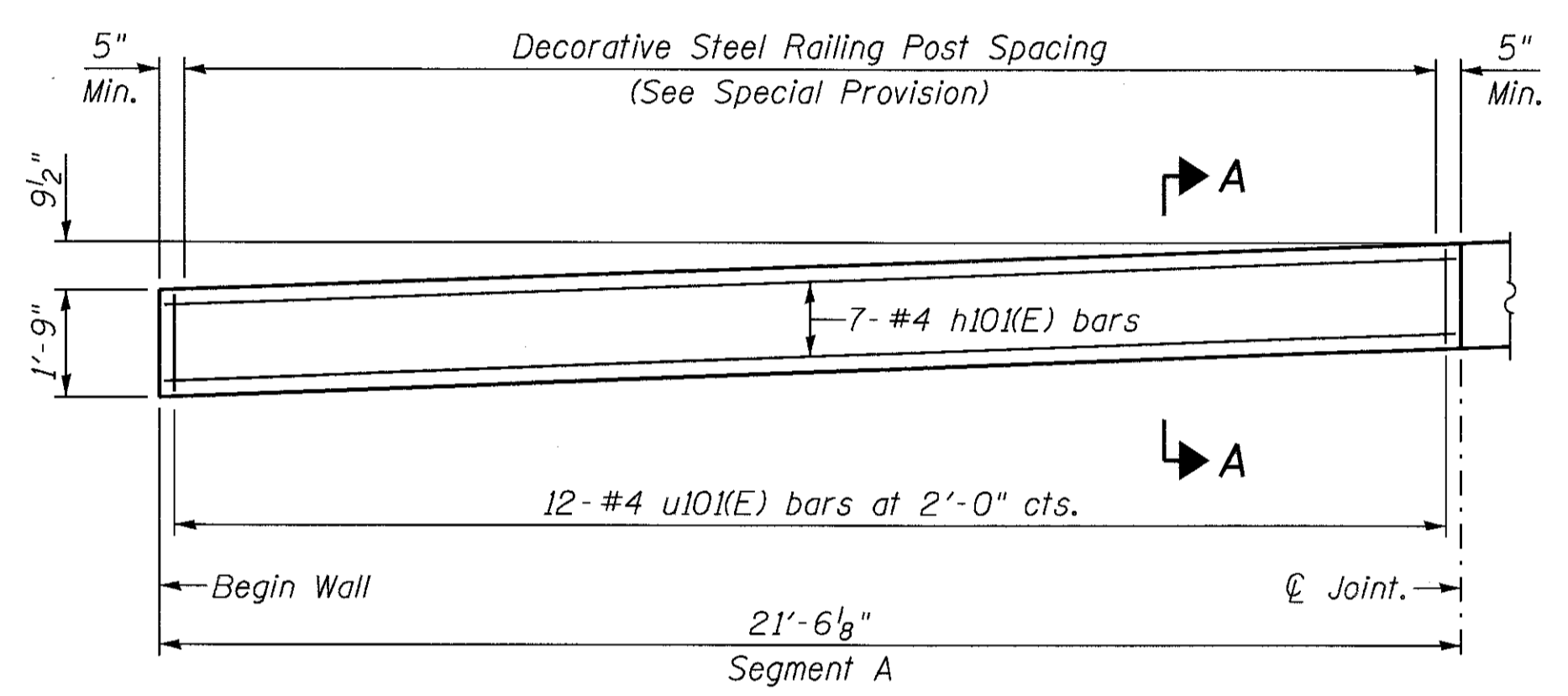
- NOTES:**
1. See Sheet 58 of 93 for Section A-A.
 2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
 3. Space anchor bolts for railing base plate to miss reinforcement.

**CONCRETE COPING SEGMENTS A, B, C, D
BILL OF MATERIAL**

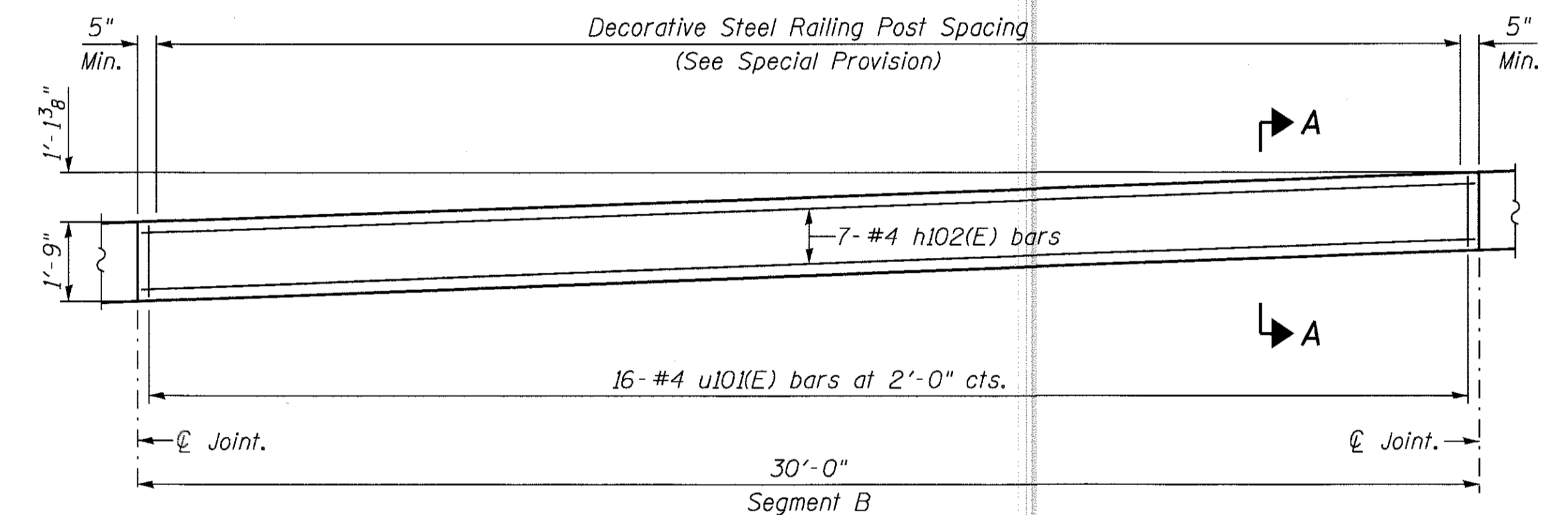
Bar	No.	Size	Length	Shape
h101(E)	7	#4	21'-3"	—
h102(E)	7	#4	29'-9"	—
h103(E)	7	#4	9'-6"	—
h104(E)	63	#4	29'-9"	—
u101(E)	178	#4	3'-10"	⊏
Reinforcement Bars, Epoxy Coated			Pound	2,000
Concrete Structures			Cu. Yds.	24.0

Reinforcement Bar List and Bill of Material for Information Only.

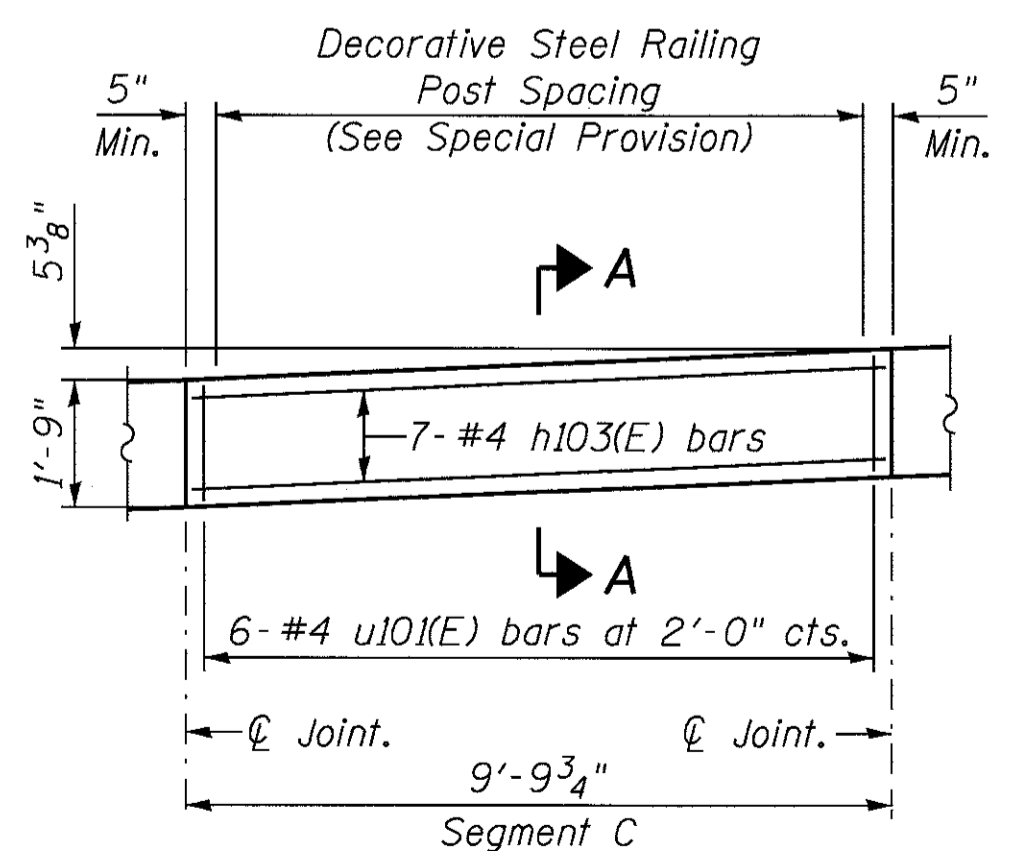
PLAN



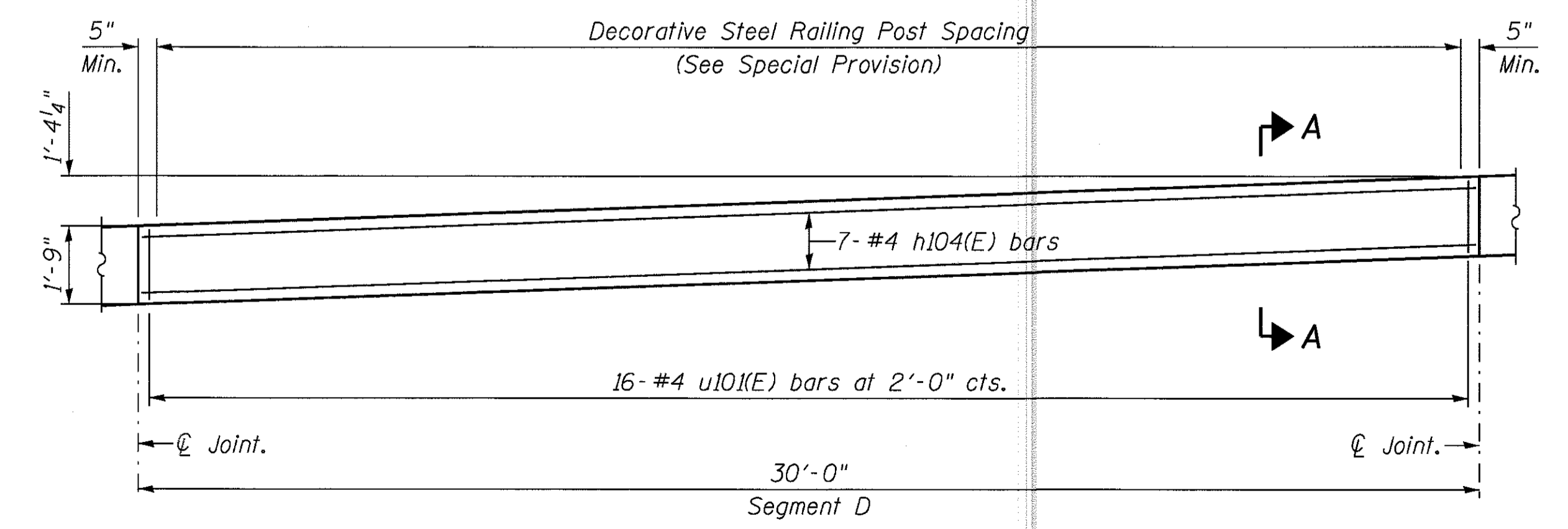
COPING SEGMENT A ELEVATION
(1 Location)



COPING SEGMENT B ELEVATION
(1 Location)



COPING SEGMENT C ELEVATION
(1 Location)



COPING SEGMENT D ELEVATION
(9 Location)

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26934 - 16 - Concrete Coping Details 1A



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	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS A, B, C, D**

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

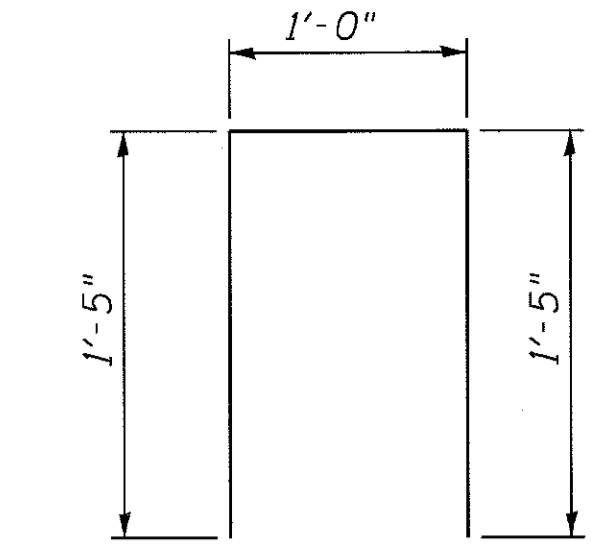
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	60
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

CONCRETE COPING SEGMENTS E, F, G, H, I

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h105(E)	7	#4	8'-5"	————
h106(E)	7	#4	9'-9"	————
h107(E)	7	#4	11'-8"	————
h108(E)	7	#4	4'-10'	————
h109(E)	7	#4	11'-8"	————
u101(E)	30	#4	3'-10"	└┘
Reinforcement Bars, Epoxy Coated			Pound	300
Concrete Structures			Cu. Yds.	3.5

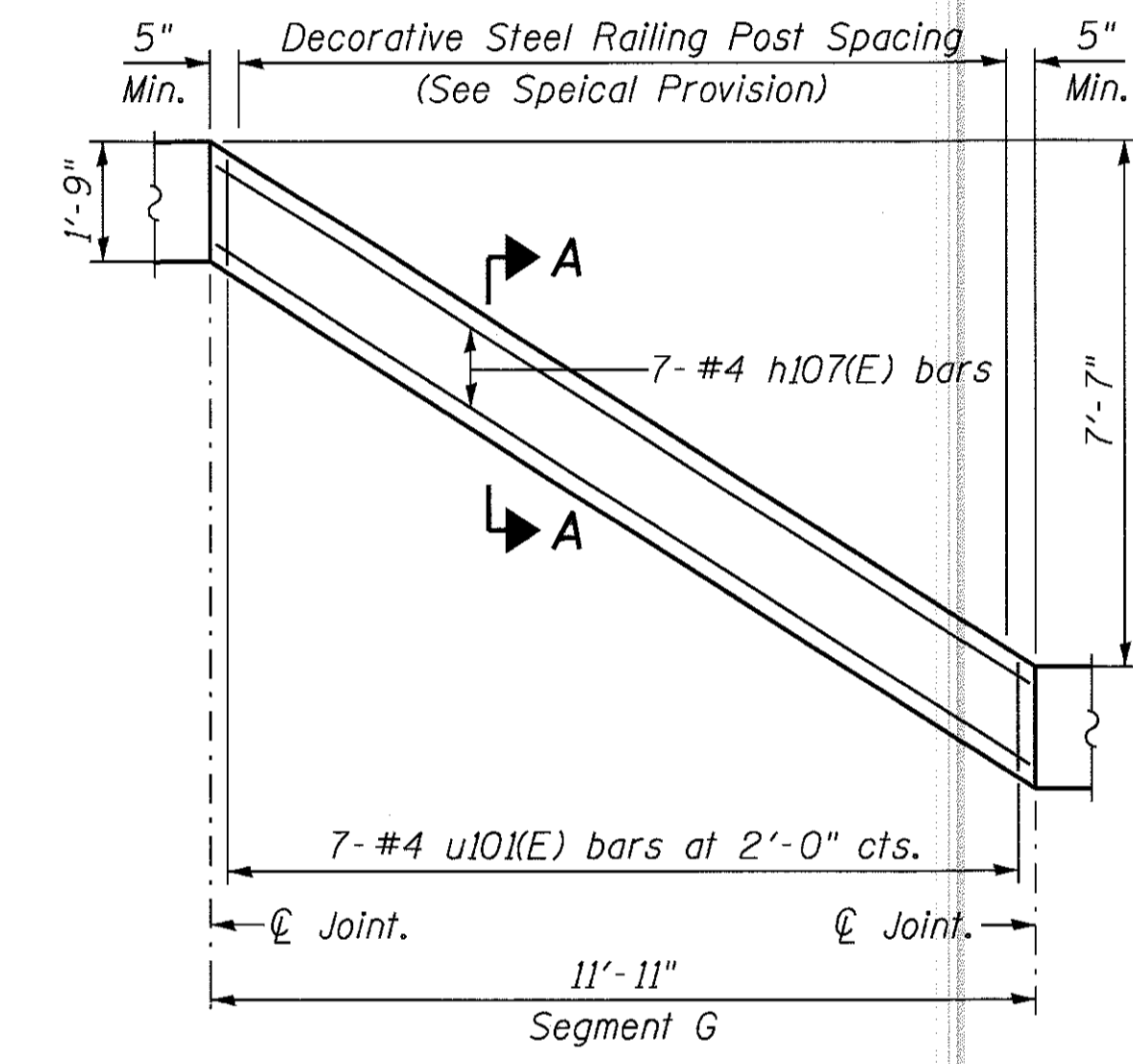
Reinforcement Bar List and Bill of Material for Information Only.



BAR u101(E)

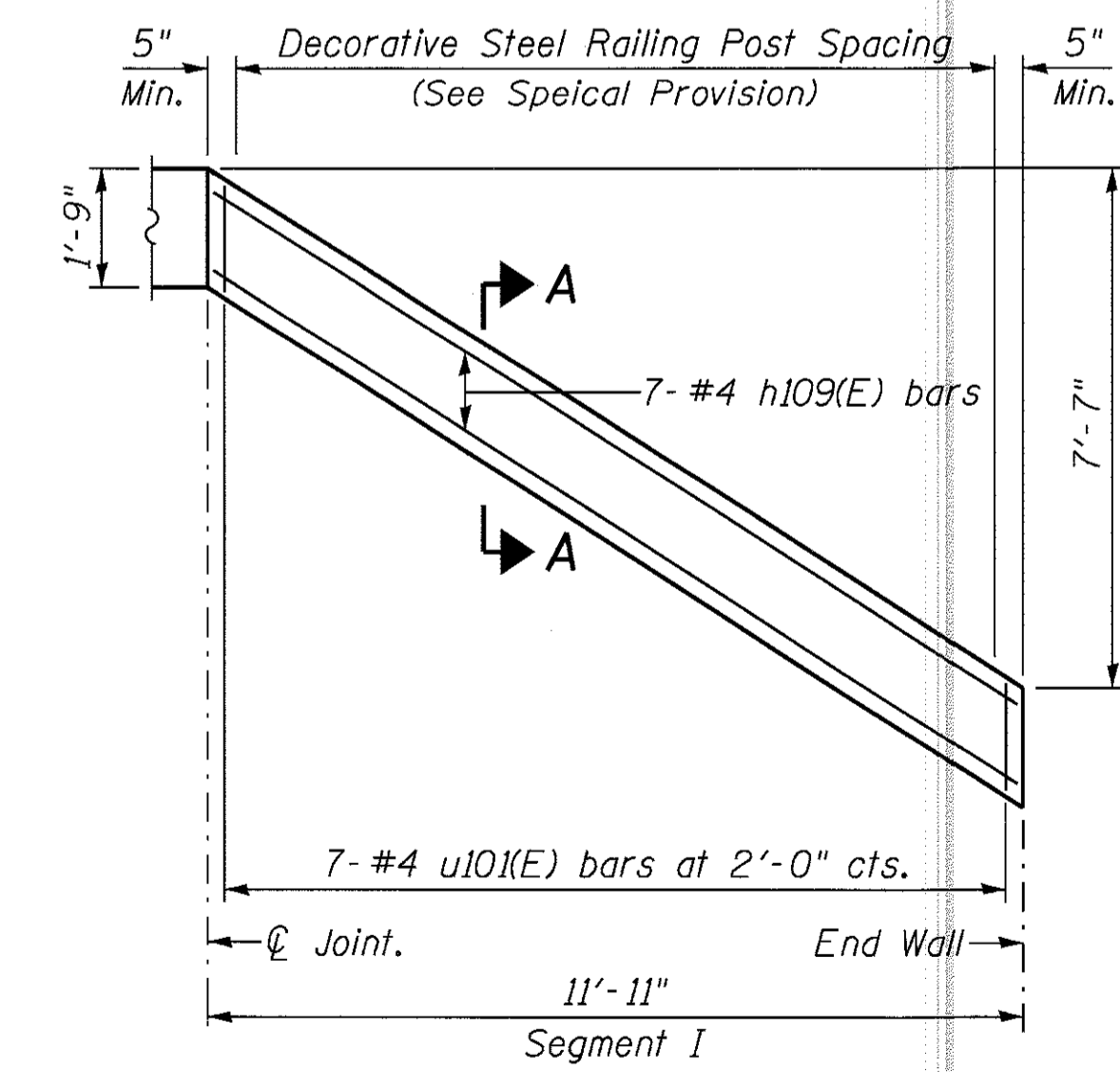
NOTES:

- See Sheet 58 of 93 for Section A-A.
- Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
- Space anchor bolts for railing base plate to miss reinforcement.



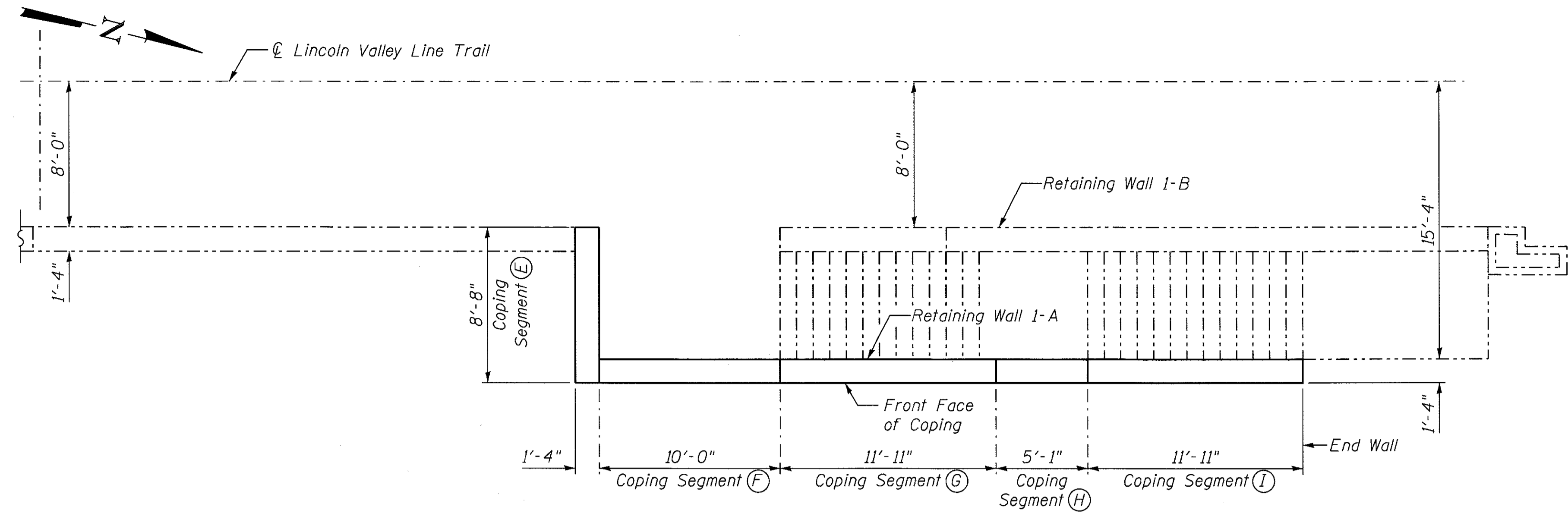
COPING SEGMENT G ELEVATION

(1 Location)

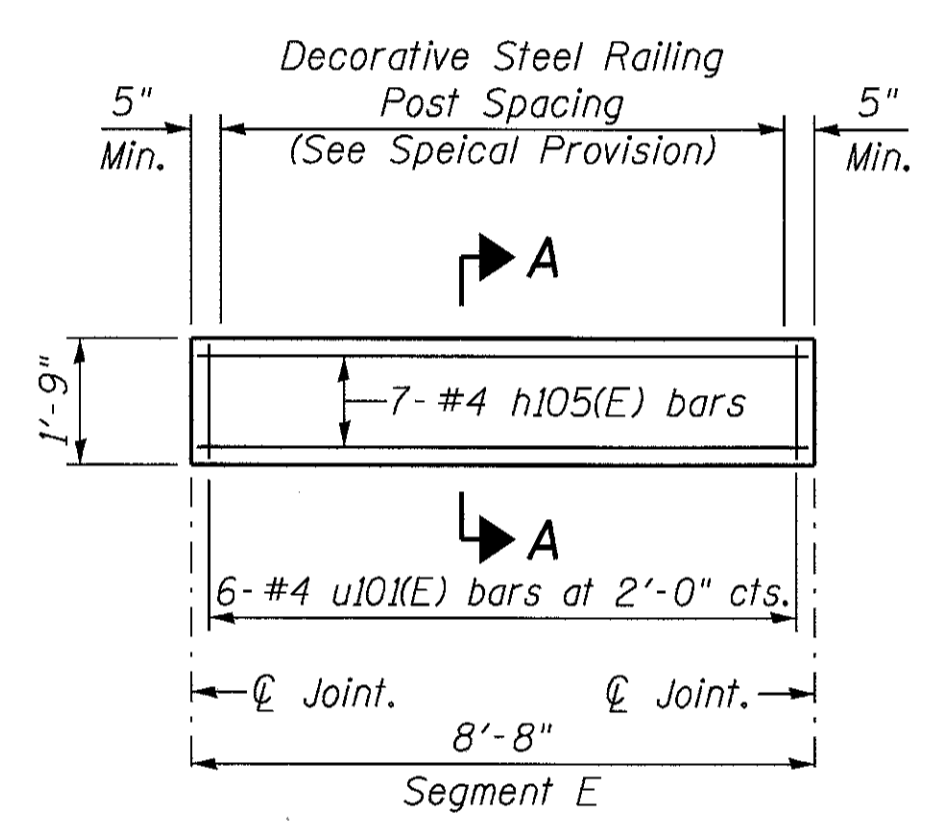


COPING SEGMENT I ELEVATION

(1 Location)

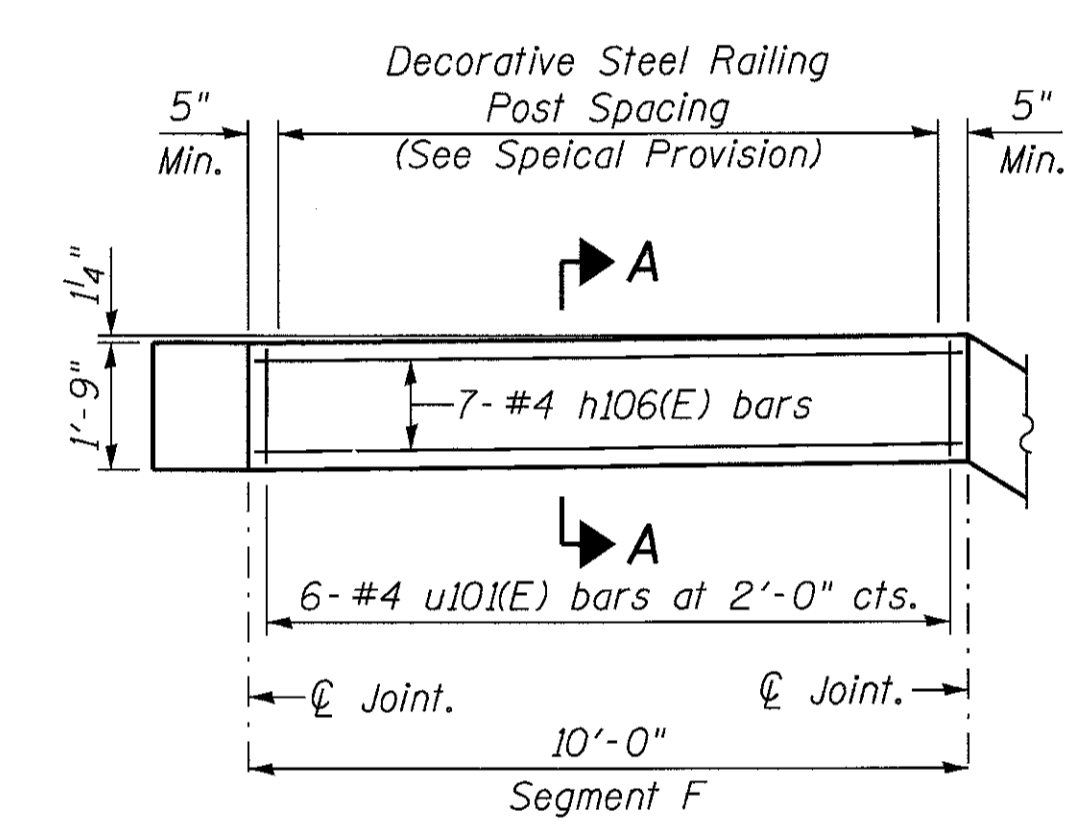


PLAN



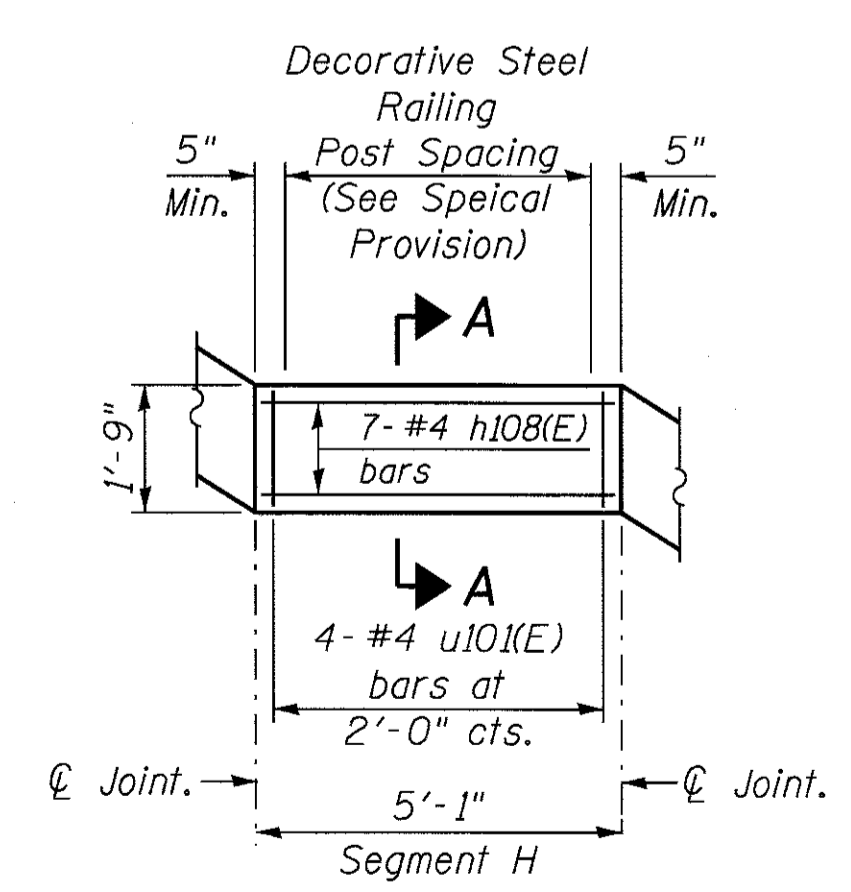
COPING SEGMENT E ELEVATION

(1 Location)



COPING SEGMENT F ELEVATION

(1 Location)



COPING SEGMENT H ELEVATION

(1 Location)

5/26/2017 3:03:49 PM 26934 - 17 - Concrete Coping Details 1A



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0.1, 0.000 1' / 1"	DRAWN - RTT	REVISED -
PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

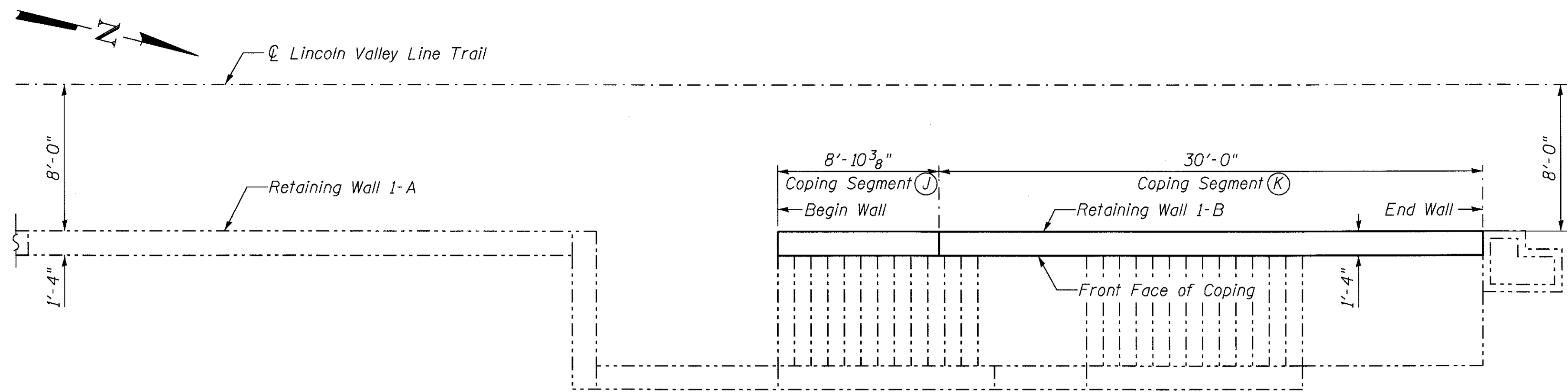
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS E, F, G, H, I**

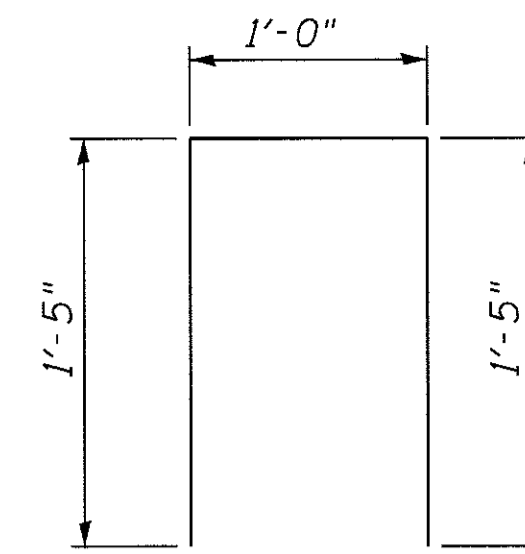
SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	61
				CONTRACT NO. 61D97

ILLINOIS FED. AID PROJECT



PLAN



BAR u10(E)

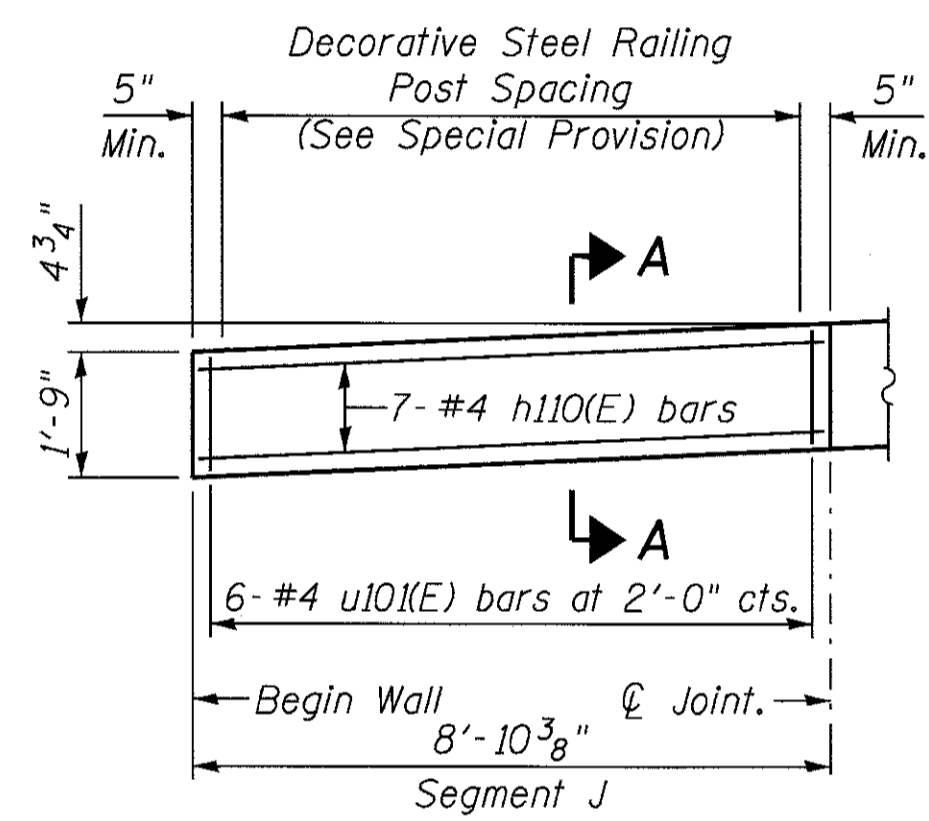
NOTES:

1. See Sheet 58 of 93 for Section A-A.
2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
3. Space anchor bolts for railing base plate to miss reinforcement.

**CONCRETE COPING SEGMENTS J, K
BILL OF MATERIAL**

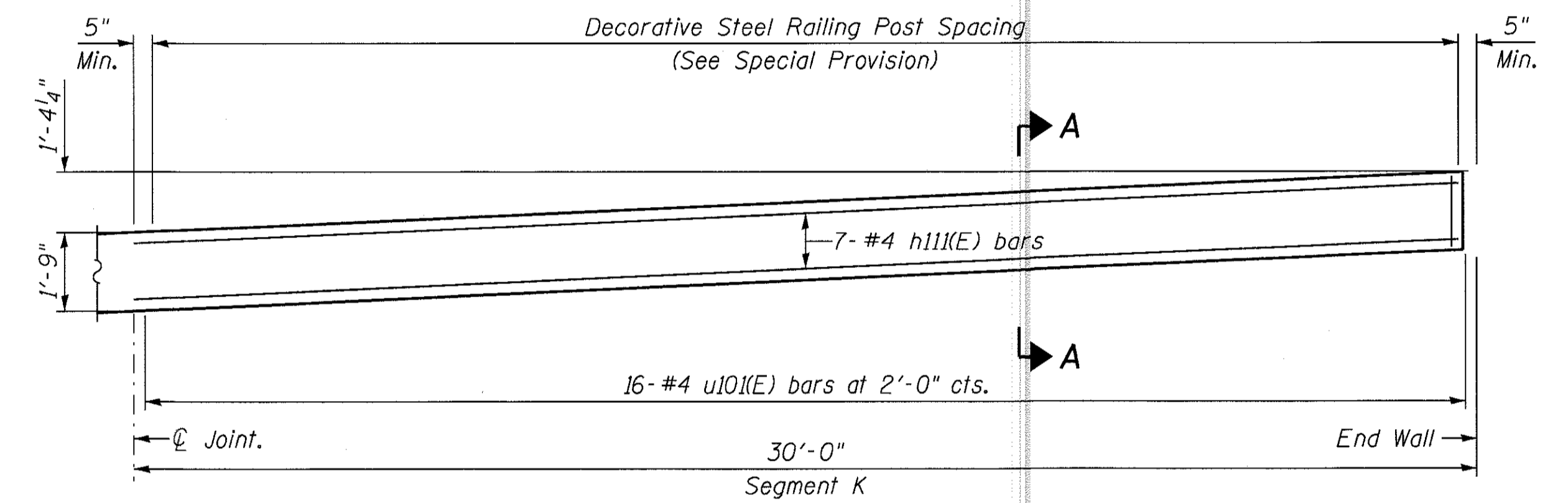
Bar	No.	Size	Length	Shape
h110(E)	7	#4	8'-7"	—
h111(E)	7	#4	29'-9"	—
u10(E)	22	#4	3'-10"	⌊
Reinforcement Bars, Epoxy Coated			Pound	240
Concrete Structures			Cu. Yds.	2.8

Reinforcement Bar List and Bill of Material for Information Only.



COPING SEGMENT J ELEVATION

(1 Location)



COPING SEGMENT K ELEVATION

(1 Location)

5/26/2017 3:03:53 PM
269.34 - 18 - Concrete Coping Details 1B



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0:1.0000 ' / in.	DRAWN - RTT	REVISED -
PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

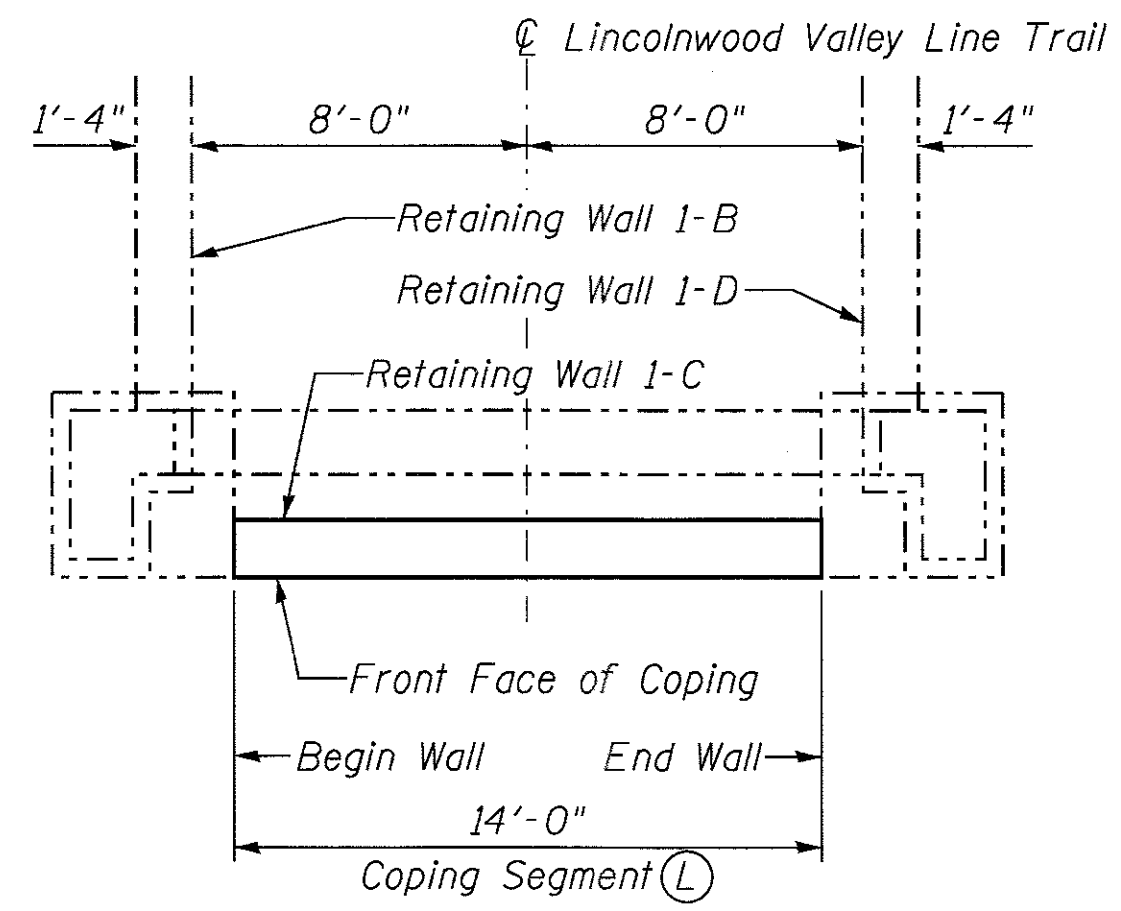
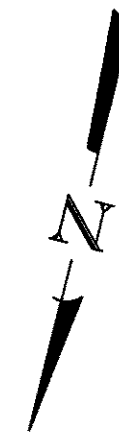
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS J, K**

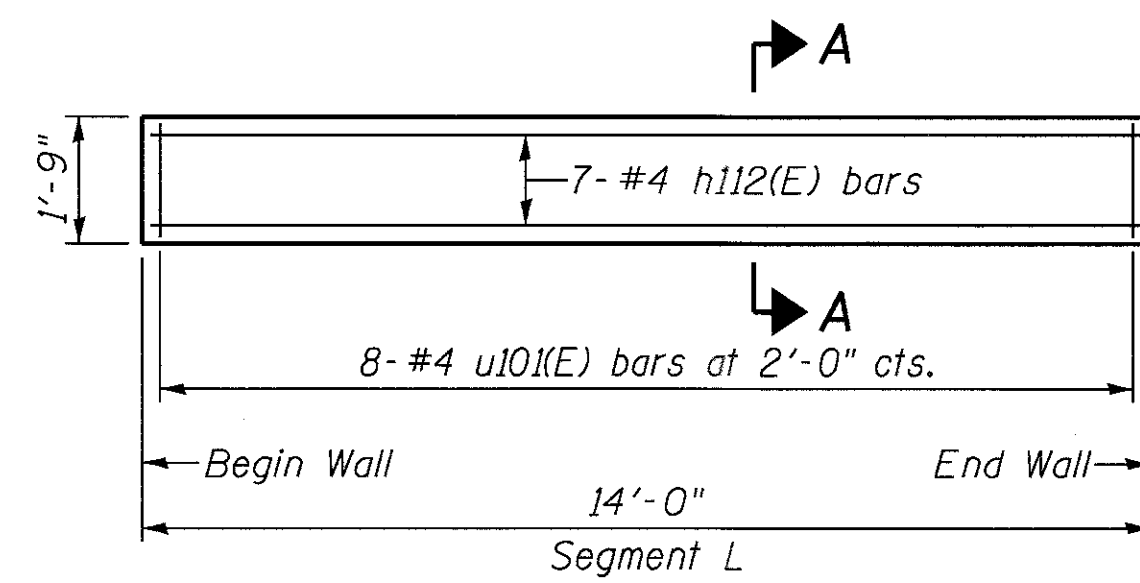
SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	62
CONTRACT NO. 61097				

ILLINOIS FED. AID PROJECT

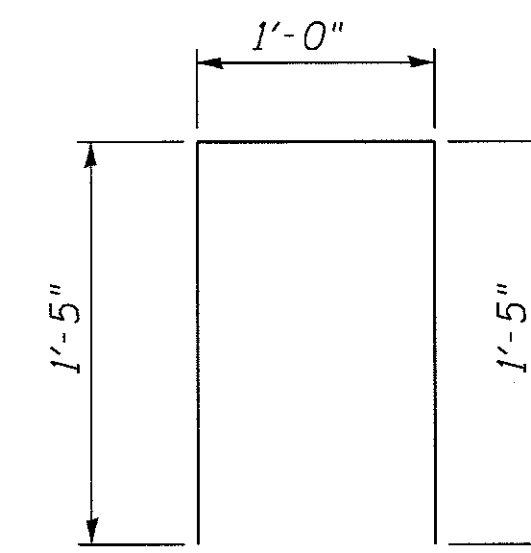


PLAN



COPING SEGMENT L ELEVATION

(1 Location)



BAR u101(E)

NOTES:

1. See Sheet 58 of 93 for Section A-A.
2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.

**CONCRETE COPING SEGMENT L
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h112(E)	7	#4	13'-9"	—
u101(E)	8	#4	3'-10"	U
Reinforcement Bars, Epoxy Coated			Pound	90
Concrete Structures			Cu. Yds.	1.0

Reinforcement Bar List and Bill of Material for Information Only.

5/26/2017 3:03:56 PM
26934 - 19 - Concrete Coping Details 1C



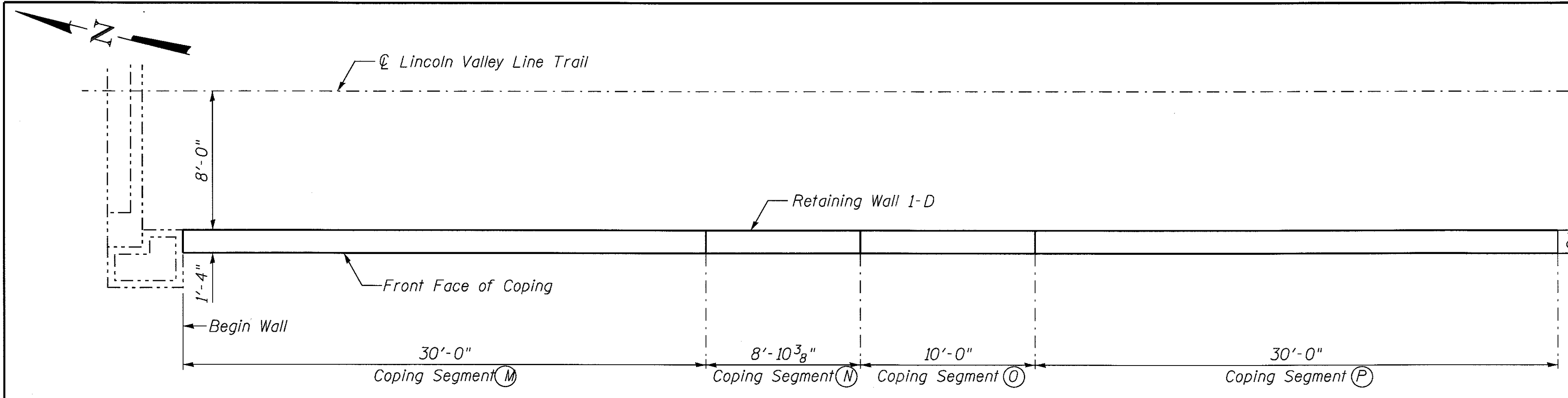
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PLOT SCALE = 0:1.0000 1' / 1"	DRAWN - RTT	REVISED -
PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

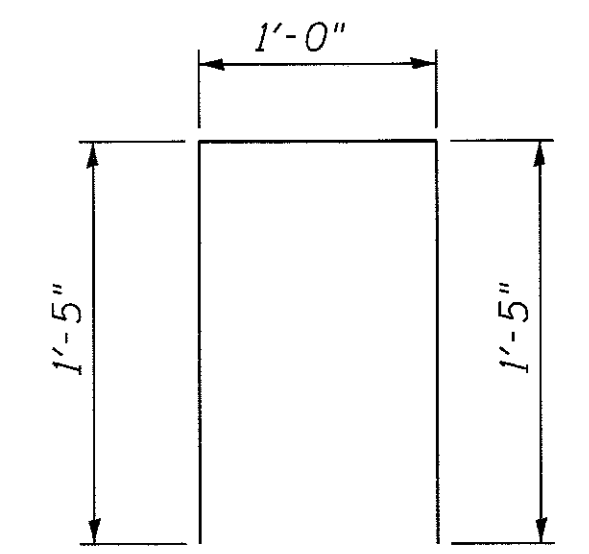
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENT L**

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	63
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



PLAN



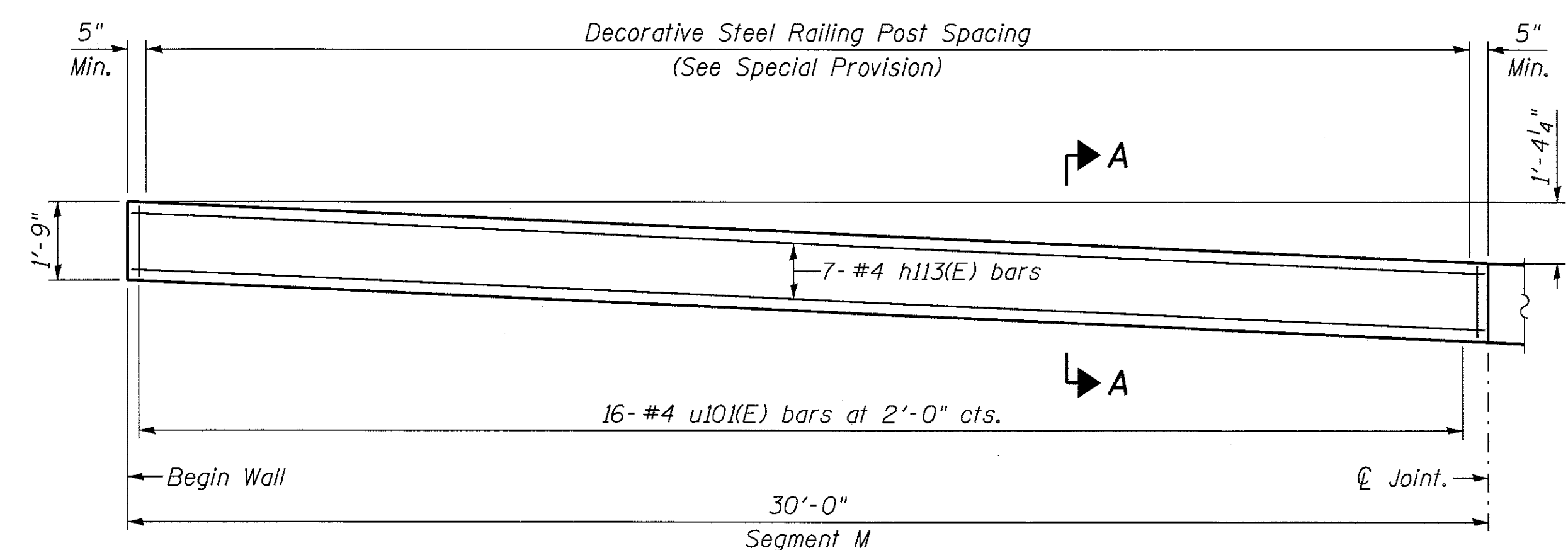
BAR u10(E)

- NOTES:**
1. See Sheet 58 of 93 for Section A-A.
 2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
 3. Space anchor bolts for railing base plate to miss reinforcement.

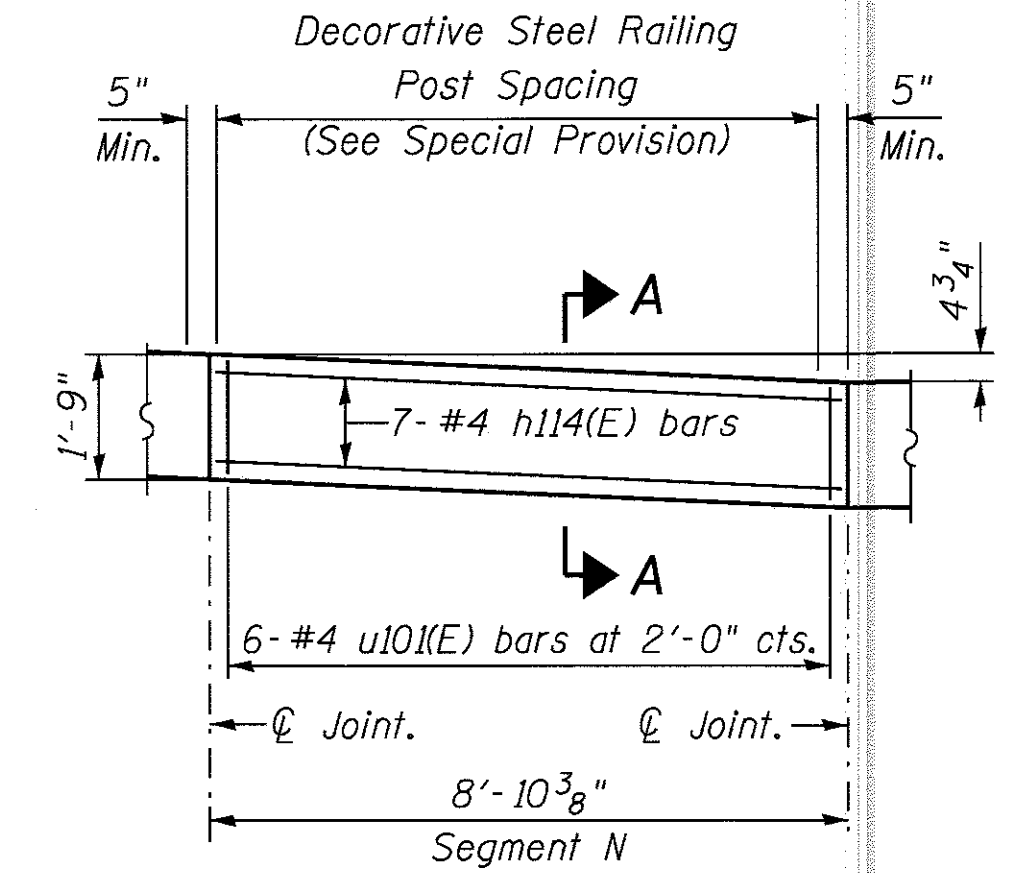
**CONCRETE COPING SEGMENTS M, N, O, P
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h113(E)	7	#4	29'-9"	—
h114(E)	7	#4	8'-7"	—
h115(E)	7	#4	9'-9"	—
h116(E)	63	#4	29'-9"	—
u10(E)	172	#4	3'-10"	⊏
Reinforcement Bars, Epoxy Coated			Pound	1,920
Concrete Structures			Cu. Yds.	23.1

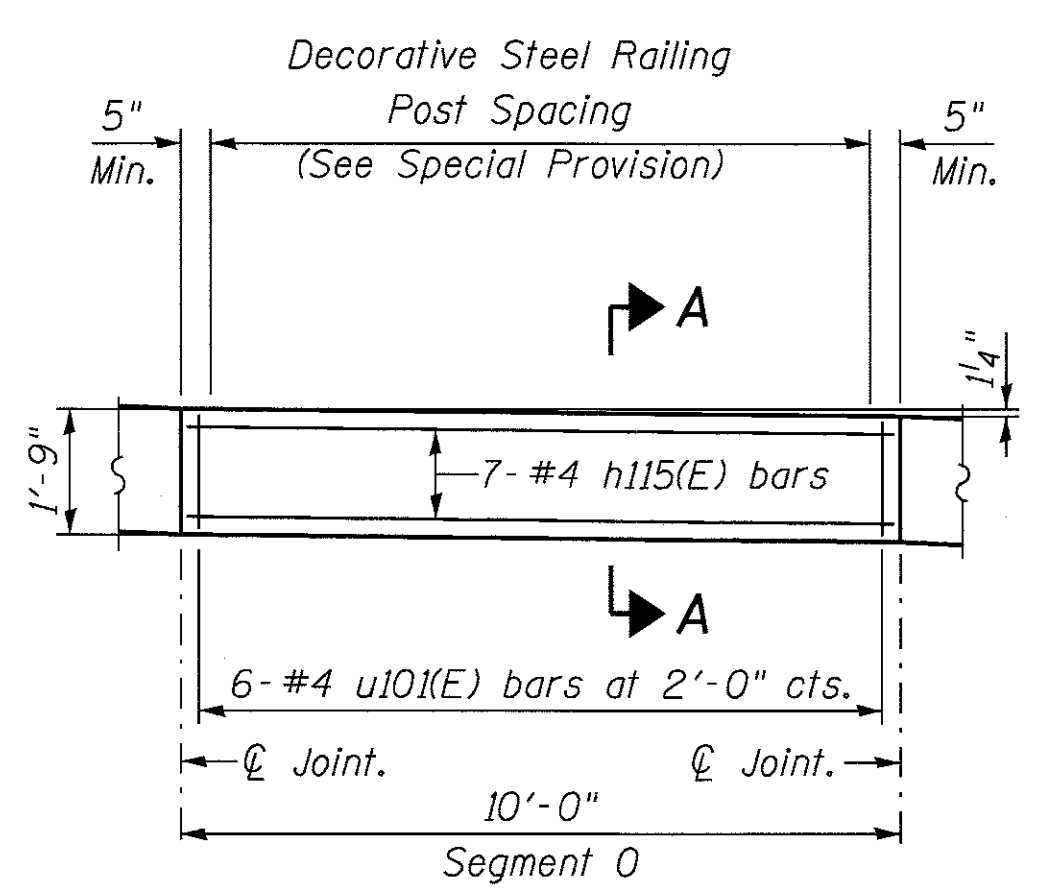
Reinforcement Bar List and Bill of Material for Information Only.



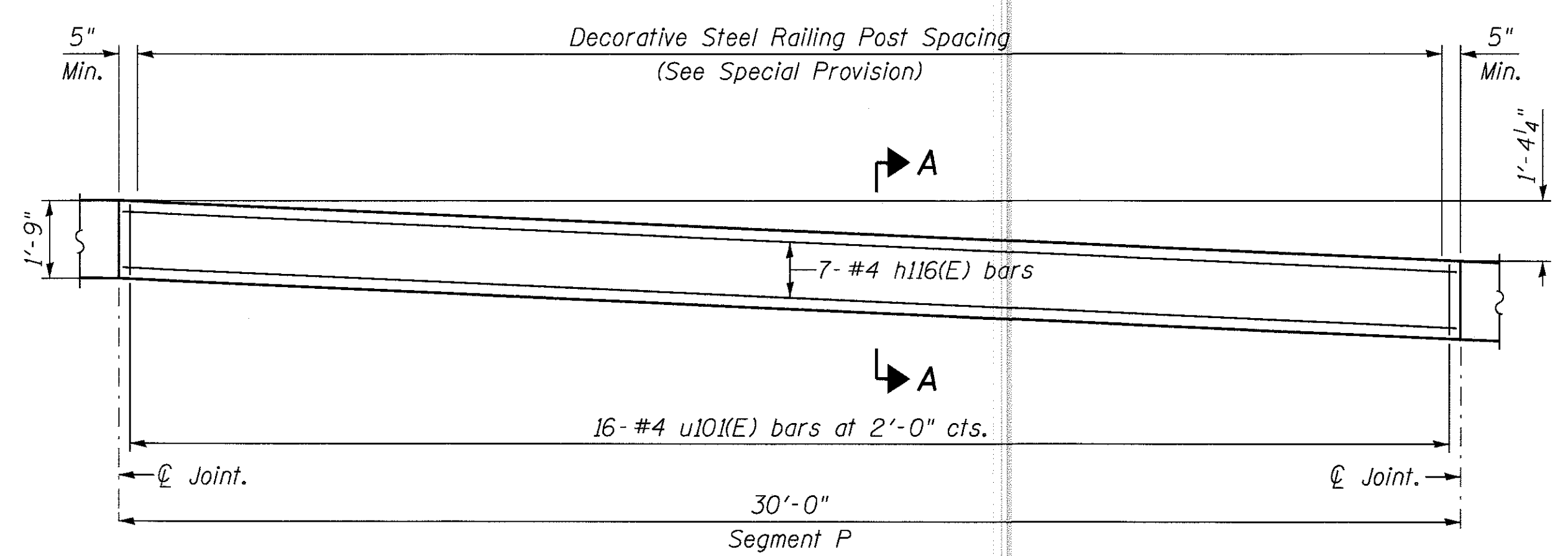
COPING SEGMENT M ELEVATION
(1 Location)



COPING SEGMENT N ELEVATION
(1 Location)



COPING SEGMENT O ELEVATION
(1 Location)



COPING SEGMENT P ELEVATION
(9 Locations)

5/26/2017 3:04:00 PM 26834 - 20 - Concrete Coping Details 1D



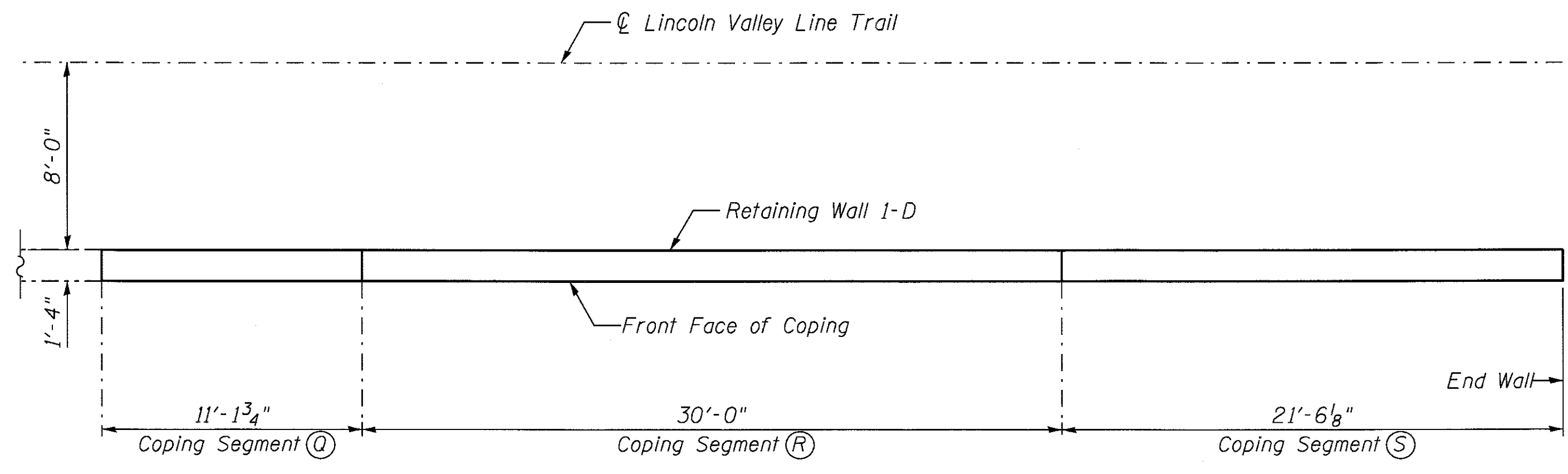
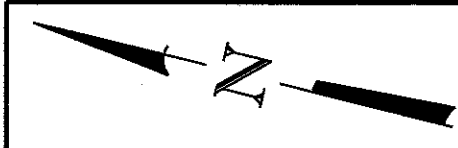
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PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

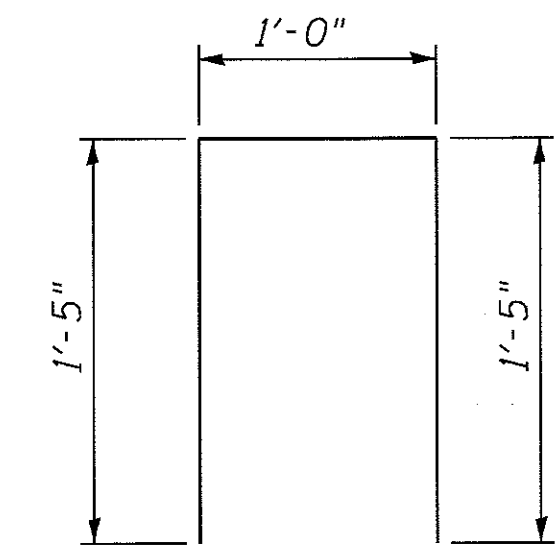
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS M, N, O, P**

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 64
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				



PLAN



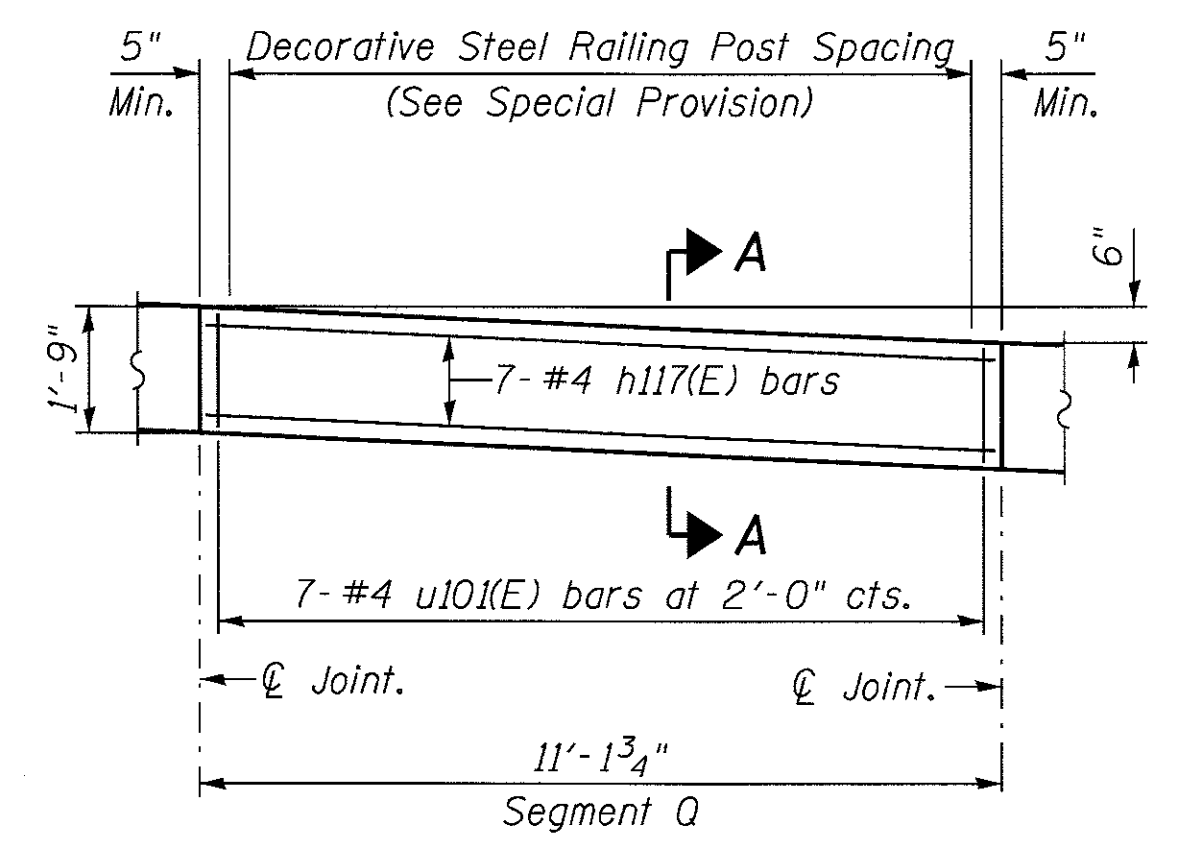
BAR u10(E)

- NOTES:**
1. See Sheet 58 of 93 for Section A-A.
 2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
 3. Space anchor bolts for railing base plate to miss reinforcement.

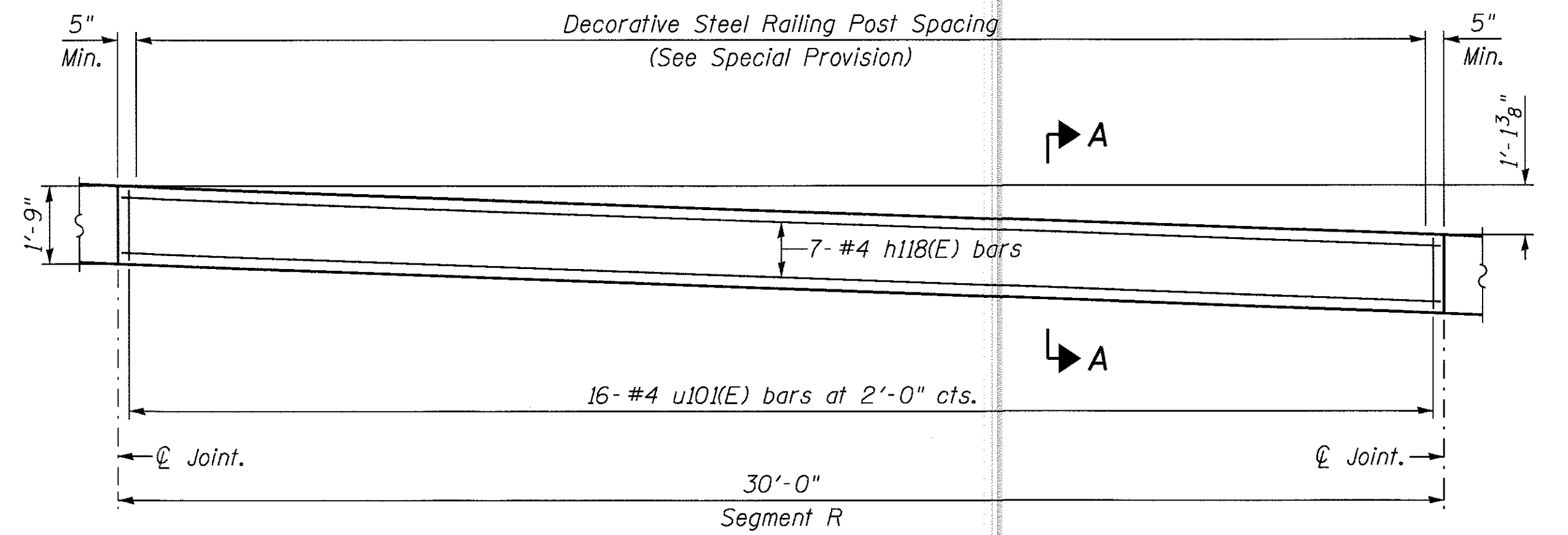
CONCRETE COPING SEGMENTS Q, R, S
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h117(E)	7	#4	10'-10"	—
h118(E)	7	#4	29'-9"	—
h119(E)	7	#4	21'-3"	—
u10(E)	35	#4	3'-10"	⊏
Reinforcement Bars, Epoxy Coated			Pound	380
Concrete Structures			Cu. Yds.	4.5

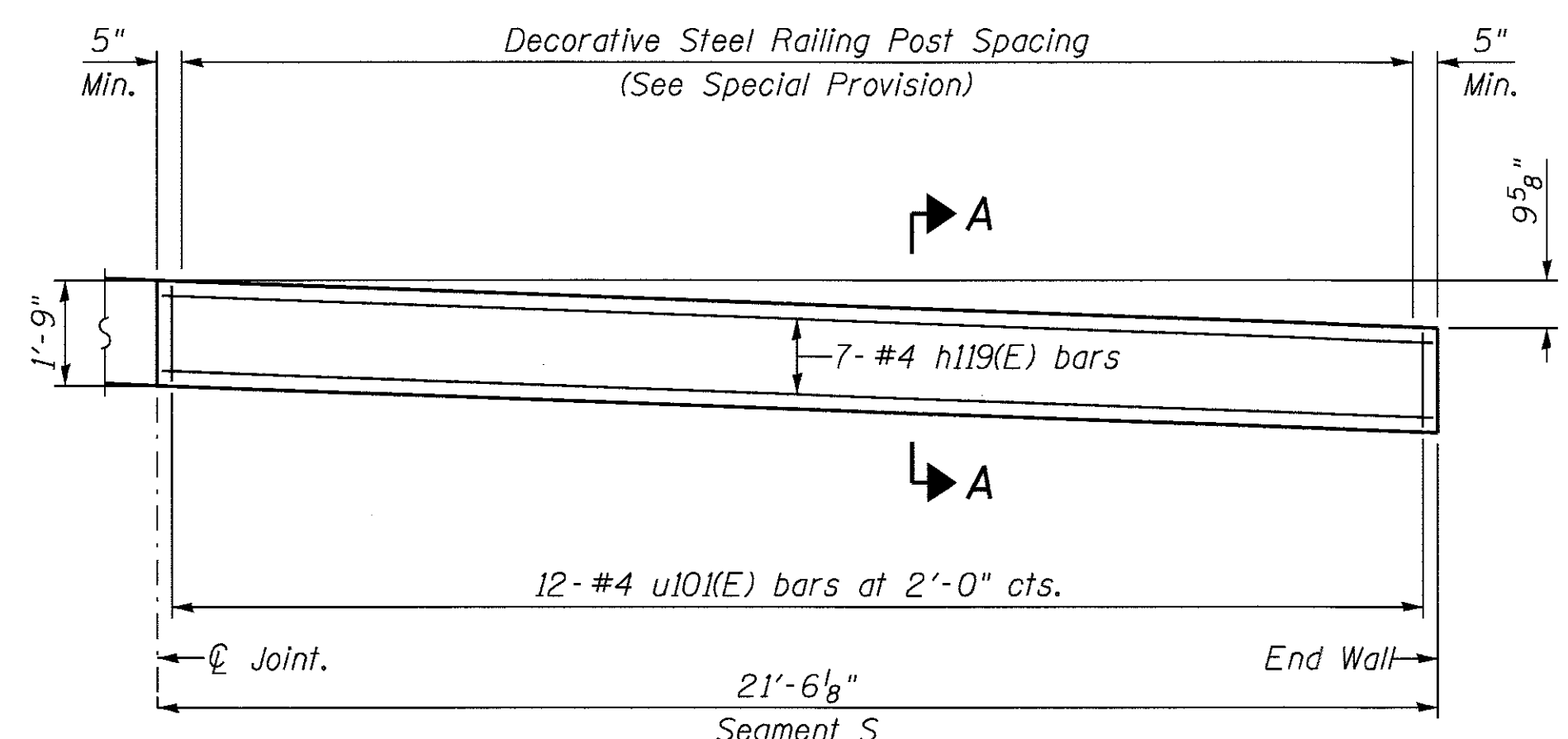
Reinforcement Bar List and Bill of Material for Information Only.



COPING SEGMENT Q ELEVATION
(1 Location)



COPING SEGMENT R ELEVATION
(1 Location)



COPING SEGMENT S ELEVATION
(1 Location)

5/26/2017 3:04:04 PM 26934 - 21 - Concrete Coping Details 1D



USER NAME = 8291	DESIGNED - PS	REVISED -
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PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS			
CONCRETE COPING SEGMENTS Q, R, S			
SCALE:	SHEET 10	OF 11 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	65
CONTRACT NO. 61097				
ILLINOIS FED. AID PROJECT				



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 14+66.17, 9.20' RT
Ground Surface Elevation: 611.39

Page 1 of 1	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O	
LOG OF TEST BORING B-1 Drill Rig: CME 75 Drill Date: 02/09/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at N/A after Sampling (open triangle) Legend S = Sample No. N = Penetration (blows/foot) Qu = Unconfined Strength (tons/square ft.) Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.) Wc = Water Content in % Yd = Dry Density (pcf) MS = Method of Sample SS = Split - Spoon Sample AS = Auger Sample ST = Shelby Tube Sample NX = Rock Core Sample PC = Pavement Core Sample %O = Percent Organic	0		FILL - SAND with Gravel (SP-GP), black, loose	1	3					SS	0.00'	
	4		Silty CLAY (CL), brown & gray, very tough, w/ trace sand, trace gravel	2	4						SS	5.00'
	8	3		7	3.24	3.0	17.5			SS		
	12	4		9	3.4	3.5	16.5			SS		
	16	5		11	2.98	3.0	15.9			SS		
	20		Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel	6	9	2.98	2.75	16.2			SS	17.00'
	24	7		9	3.12	3.0	15.5			SS		
	28											25.00'
	32											

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 15+66.20, 3.13' LT
Ground Surface Elevation: 612.08

Page 1 of 1	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O	
LOG OF TEST BORING B-2 Drill Rig: CME 75 Drill Date: 02/09/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at N/A after Sampling (open triangle) Legend S = Sample No. N = Penetration (blows/foot) Qu = Unconfined Strength (tons/square ft.) Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.) Wc = Water Content in % Yd = Dry Density (pcf) MS = Method of Sample SS = Split - Spoon Sample AS = Auger Sample ST = Shelby Tube Sample NX = Rock Core Sample PC = Pavement Core Sample %O = Percent Organic	0		FILL - SAND with Gravel (SP-GP), black, loose	1	3					SS	0.00'	
	4		Silty CLAY (CL), brown & gray, very tough, w/ trace sand, trace gravel	2	5						SS	5.00'
	8	3		8	2.51	2.5	17.2			SS		
	12	4		10	3.86	4.0	16.8			SS		
	16	5		9	3.75	3.5	16.5			SS		
	20		Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel	6	8	3.75	3.5	16.1			SS	20.00'
	24	7		8	2.6	2.5	16.0			SS		
	28											25.00'
	32											

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.

6/23/2017 10:12:57 AM
26934 - 22 - Soil Boring Log 5



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0:1.0000" = 1'-0"	DRAWN - RTT	REVISED -
PLOT DATE = 6/23/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
SOIL BORING LOGS

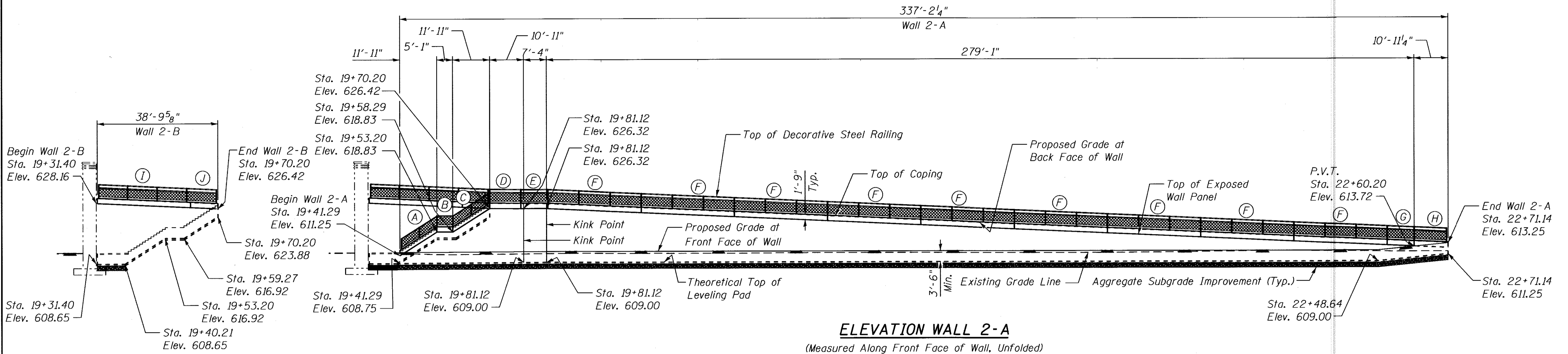
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	66
CONTRACT NO. 61D97				

SCALE: SHEET 11 OF 11 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

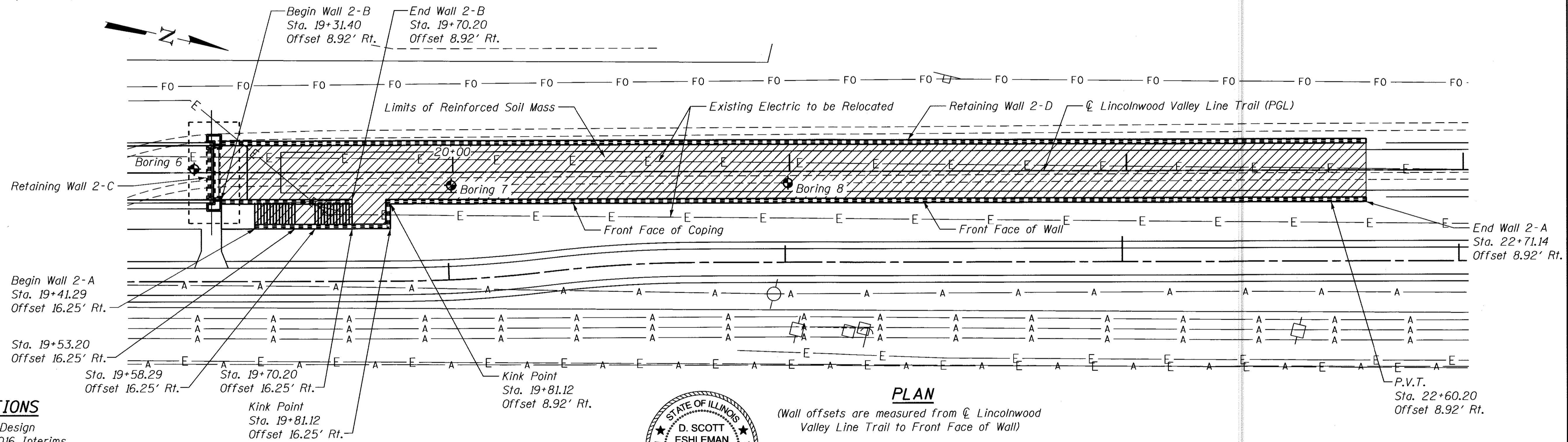
Benchmark: Southeast corner of concrete base of light pole in median of Lincoln at north property line of #7366, 1948372.2050N, 1144757.0230E, Elev. 610.80 ~~610.97~~

Existing Structure: None



ELEVATION WALL 2-B
(Measured Along Front Face of Wall, Unfolded)

ELEVATION WALL 2-A
(Measured Along Front Face of Wall, Unfolded)



PLAN

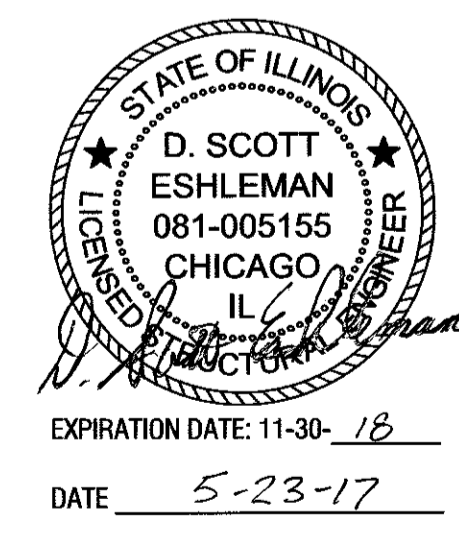
(Wall offsets are measured from ϕ Lincolnwood Valley Line Trail to Front Face of Wall)

DESIGN SPECIFICATIONS
2014 AASHTO LRFD Bridge Design Specifications, 7th Edition, with 2016 Interims
2012 Illinois Department of Transportation Bridge Manual

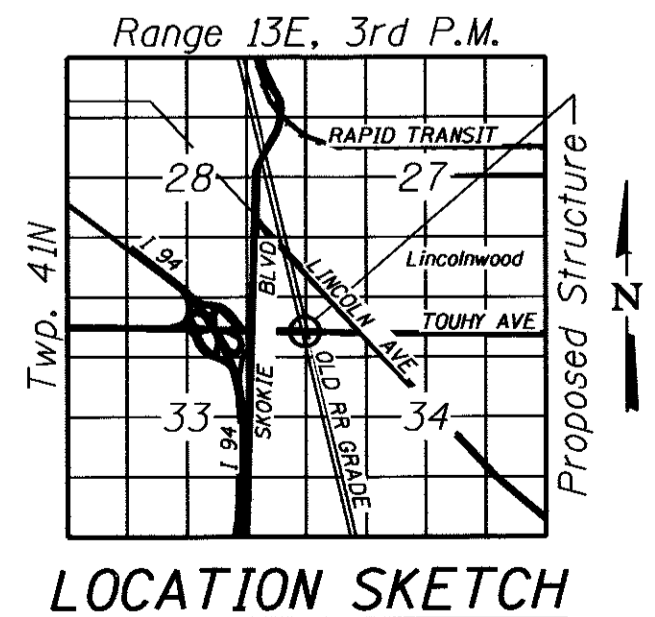
DESIGN STRESSES
FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
PRECAST UNITS
 $f'_c = 4,500$ psi (Wall Panels)

LEGEND

— E —	Existing Electric	⊙	Existing Utility
— A —	Existing Aerial	◆	Soil Boring Location
////	Permanent Easement	⊕	Coping Segment



I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.



GENERAL PLAN & ELEVATION
LINCOLNWOOD VALLEY LINE TRAIL
F.A.U. RTE. 1340 SECTION 12-00059-00-BR
COOK COUNTY
STATION 19+31.40 TO 22+71.14
NORTH APPROACH WALLS

5/23/2017 1:03:25 PM 26934 - 23 - GPE_Wall_2A_2B

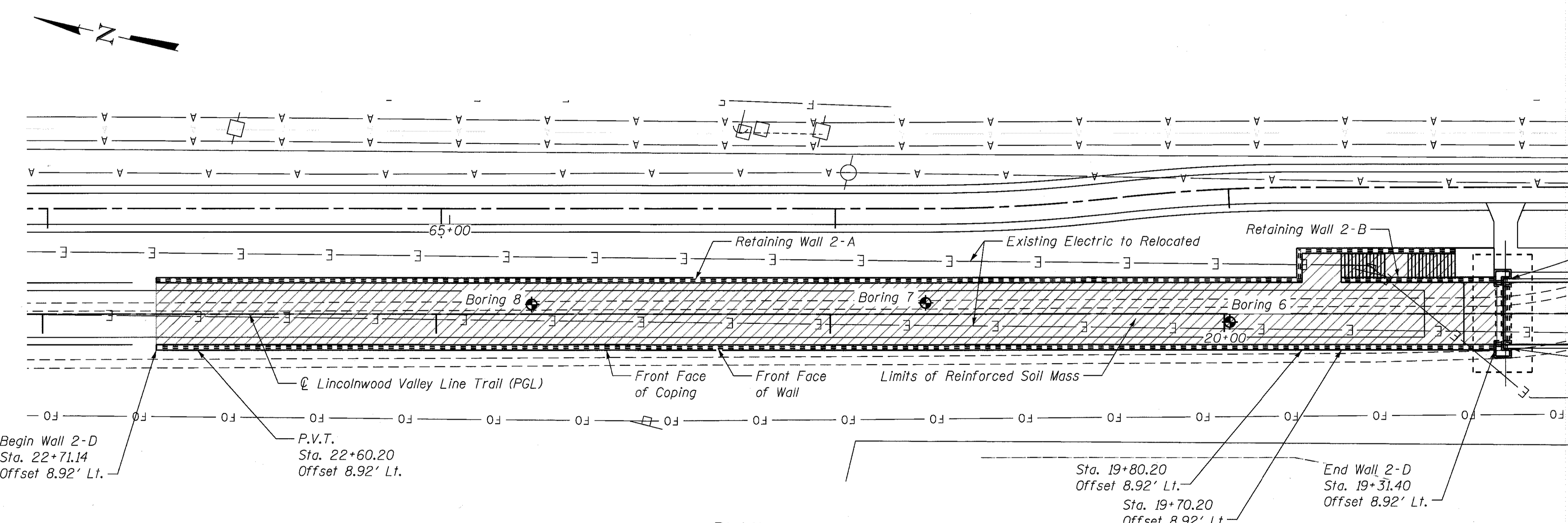
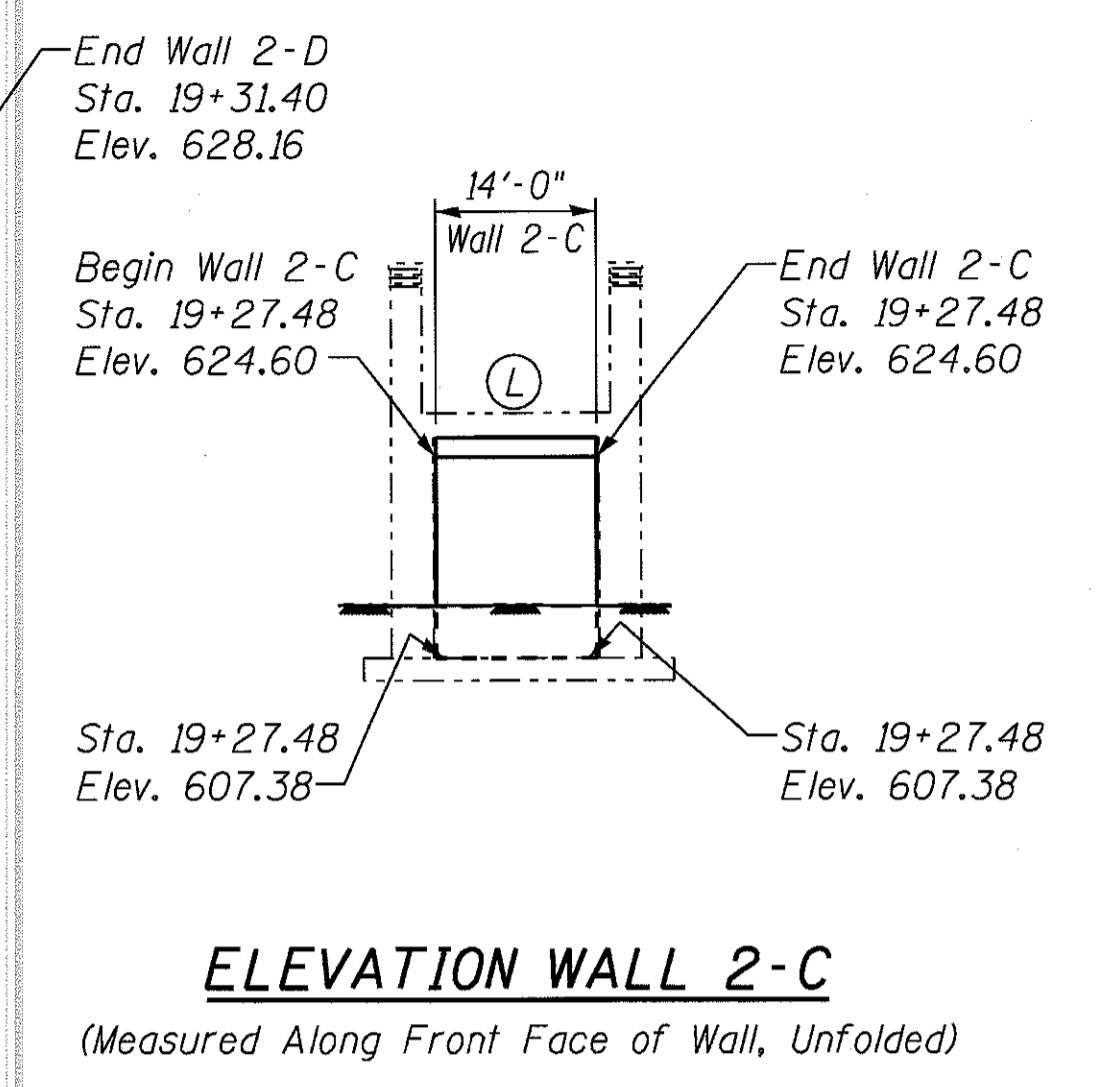
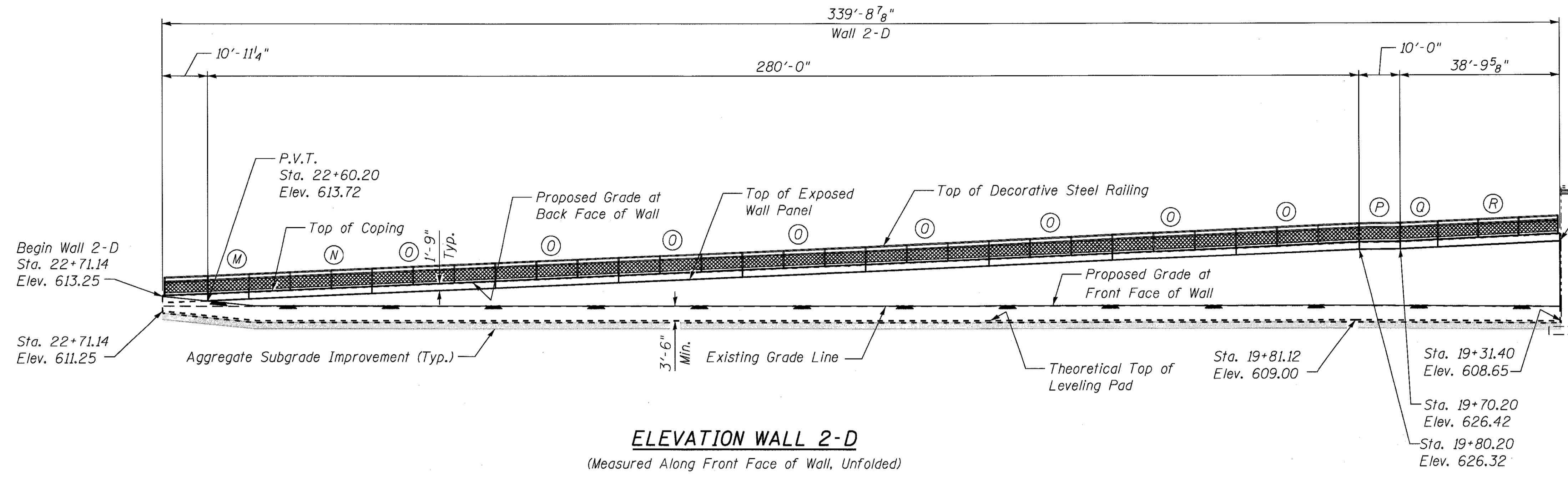


USER NAME = 8291	DESIGNED - PS	REVISED -
DRAWN - RTT	REVISED -	
CHECKED - DSE	REVISED -	
DATE - 05-08-17	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS			
GENERAL PLAN AND ELEVATION WALL 2A AND 2B			
SCALE: NONE	SHEET 1	OF 11 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	67
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- E — Existing Electric
 - A — Existing Aerial
 - //// Permanent Easement
 - ⊙ Existing Utility
 - ⊕ Soil Boring Location
 - ⊔ Coping Segment

**GENERAL PLAN & ELEVATION
LINCOLNWOOD VALLEY LINE TRAIL
F.A.U. RTE. 1340 SECTION 12-00059-00-BR
COOK COUNTY
STATION 19+31.40 TO 22+71.14
NORTH APPROACH WALLS**

5/26/2017 3:04:24 PM
26934 - 24 - GPE_Wall_2C_2D



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PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS GENERAL PLAN AND ELEVATION WALL 2C AND 2D			
SCALE: NONE	SHEET 2	OF 11 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	68
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

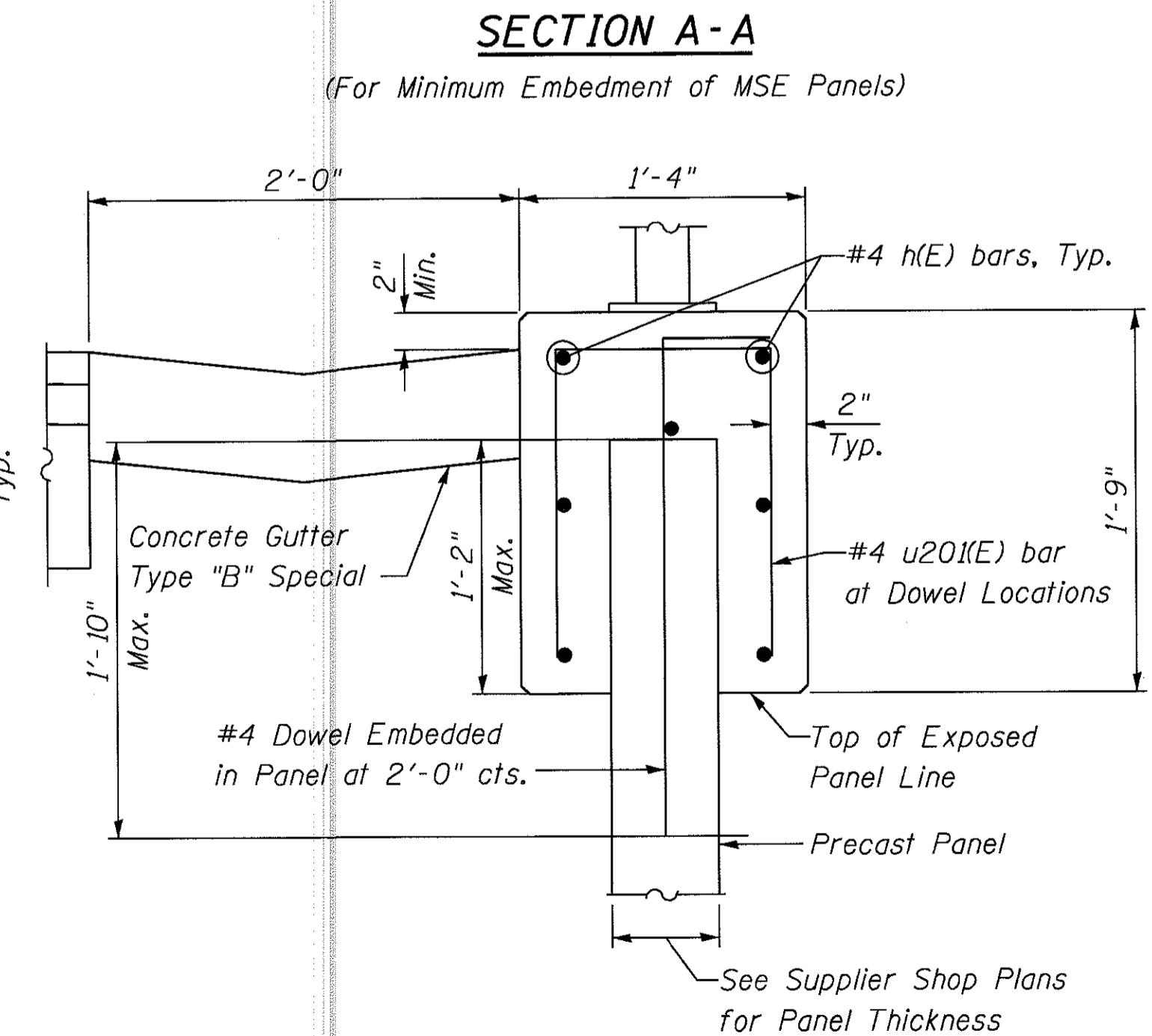
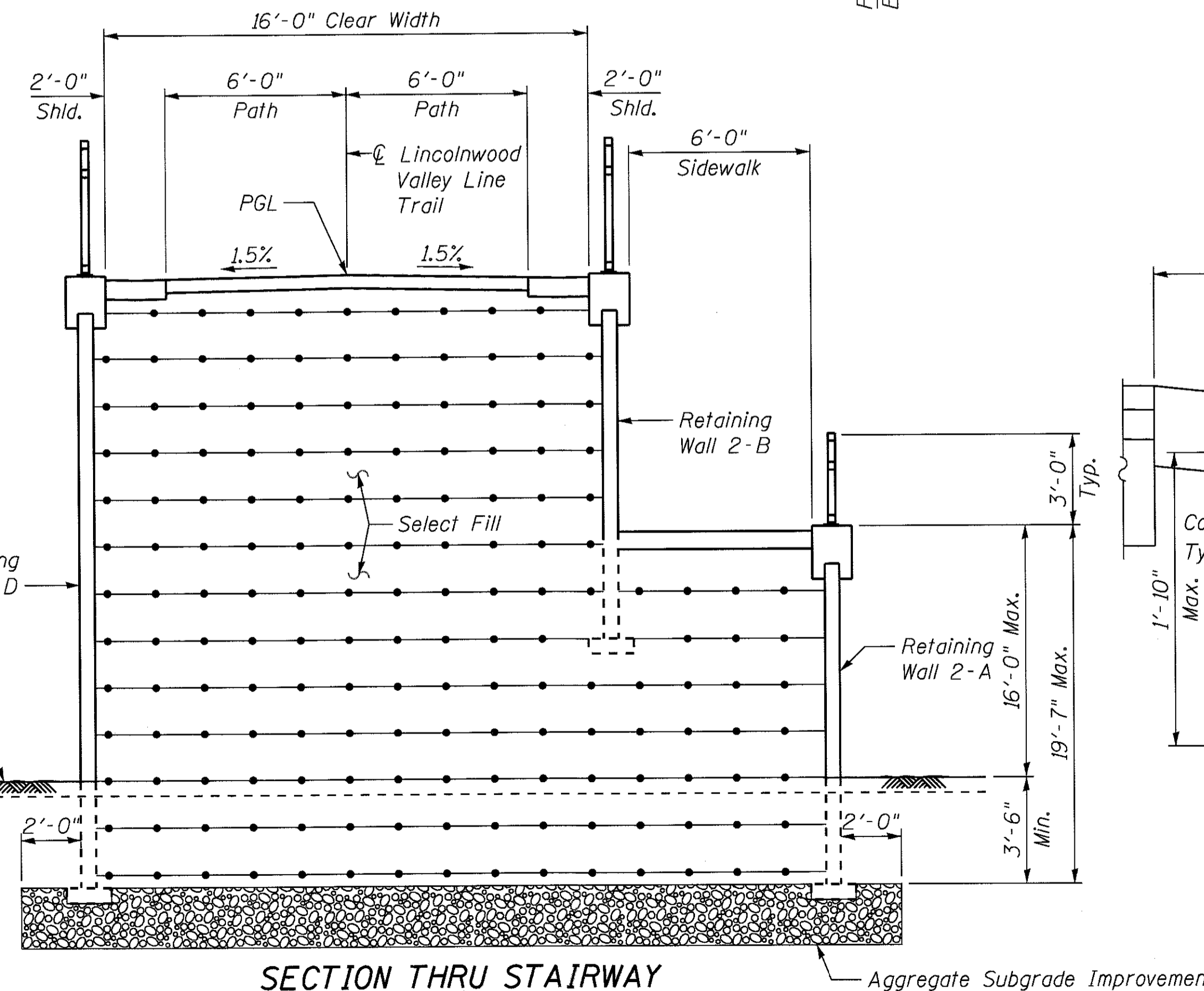
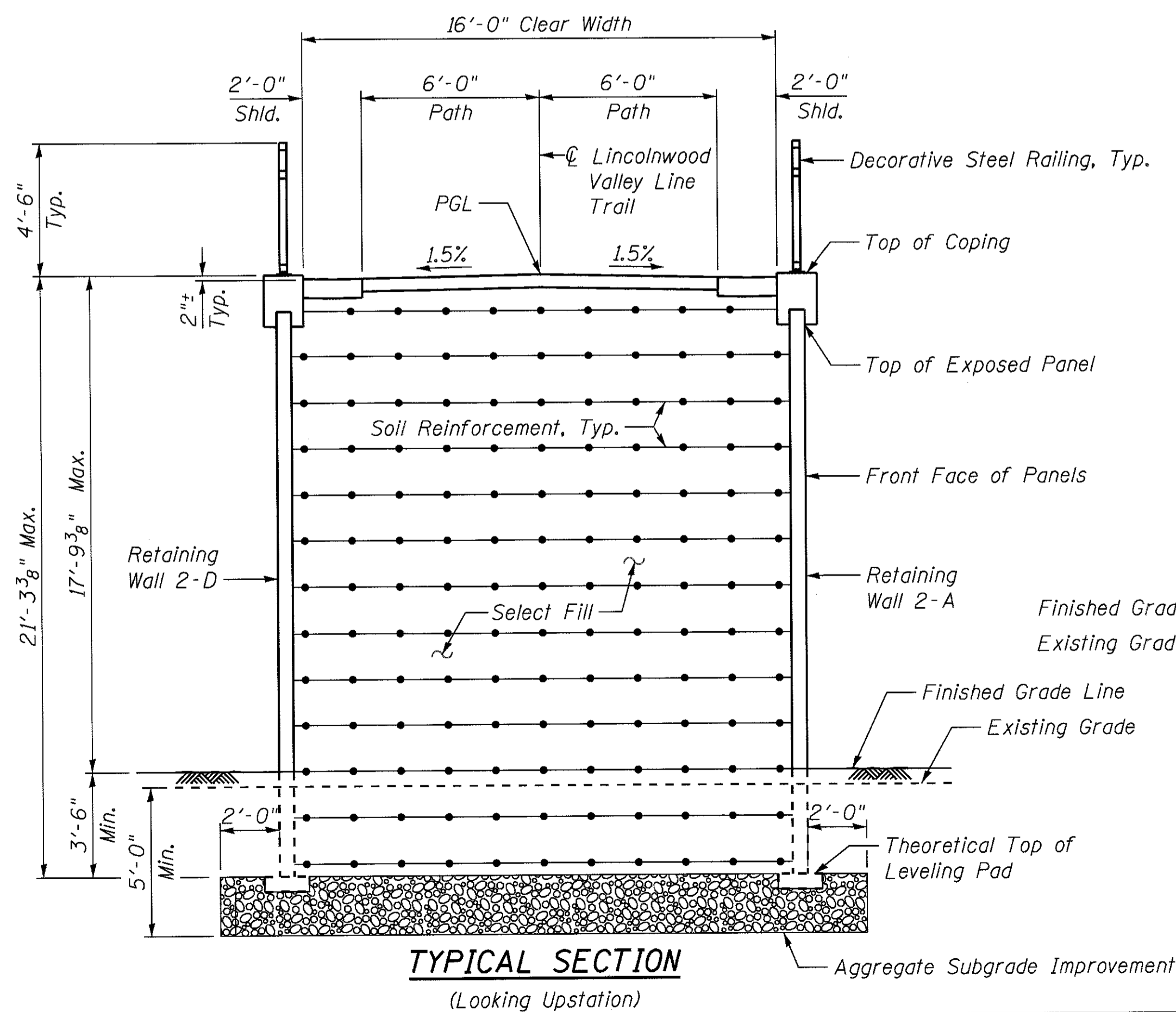
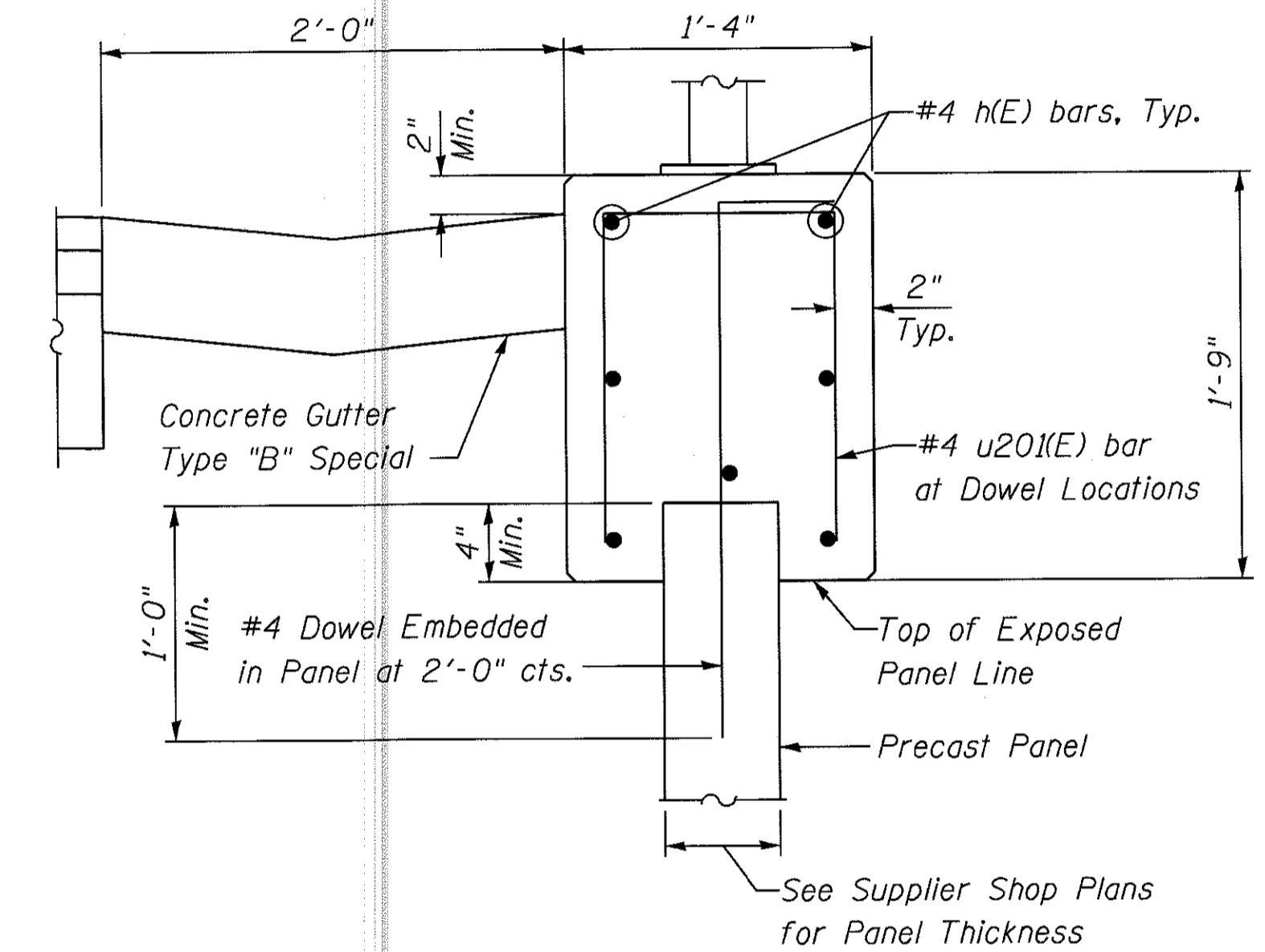
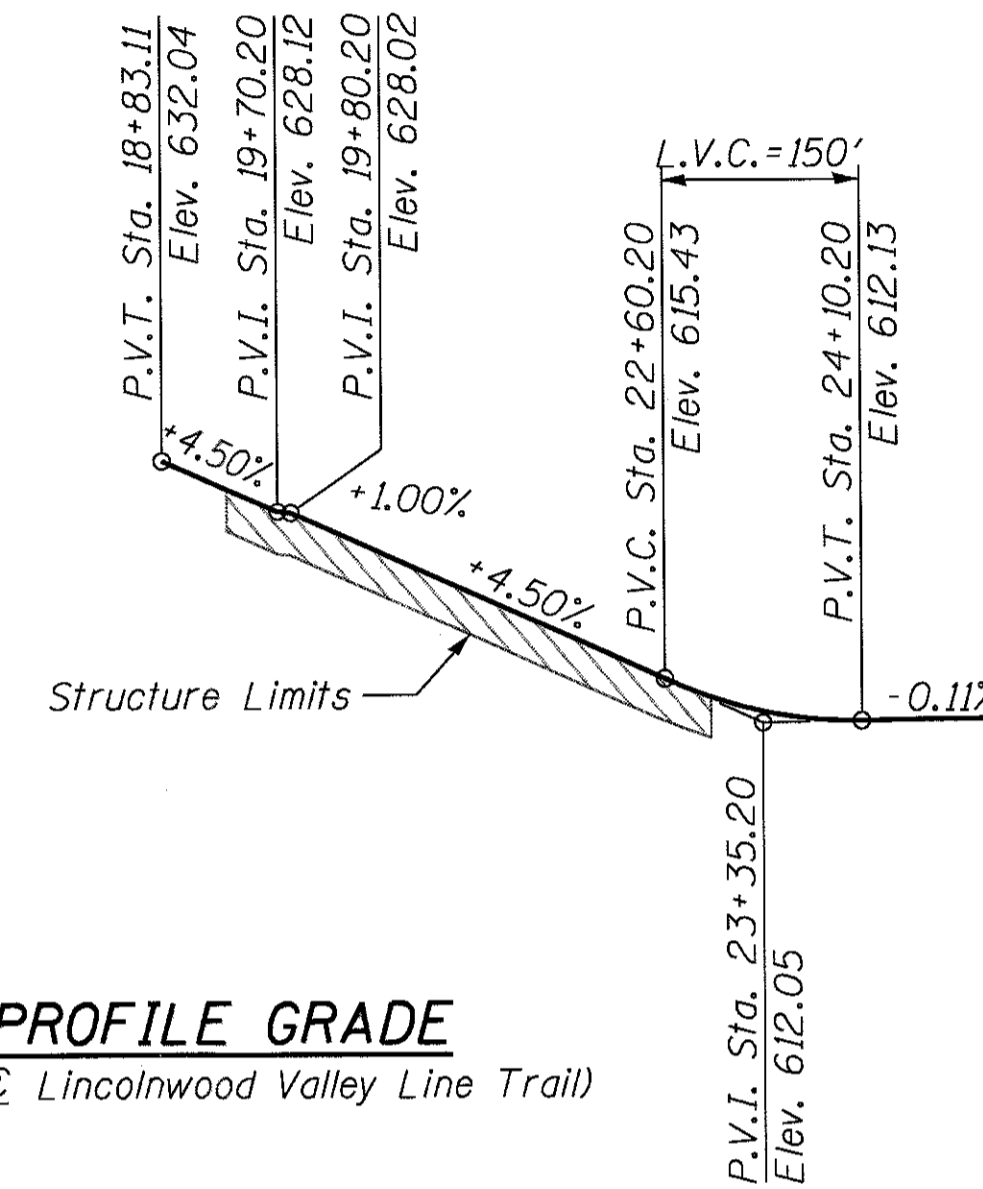
- All work shall be done in accordance with the Illinois Department of Transportation (IDOT) Standard Specifications for Road and Bridge Construction, Adopted April 1, 2016 and the latest Supplemental Specifications and recurring Special Provisions.
- Reinforcement bars designated (E) shall be epoxy coated.
- All exposed concrete edges shall have a 3/4" x 45° Chamfer except where shown otherwise. Chamfer on vertical edges shall be continued a minimum of one foot below finished ground level.
- Cover from the face of concrete to the face of reinforcement bars shall be 3" for surfaces formed against earth and 2" for all other surfaces unless otherwise shown.
- Contractor shall not scale dimensions from the contract plans for construction purposes.
- It shall be the contractors responsibility to verify the location of all utilities prior to starting construction. Contact J.U.L.I.E., 800-892-0123.
- The soil boring logs represent point information. presentation of this information in no way implies that subsurface conditions are the same at locations other than the exact location of the boring.
- See Special Provision "Decorative Steel Railing" for design and construction requirements.
- Limits of Structure Excavation (Special) shall extend a minimum of 5' below existing grade. Backfill with Aggregate Subgrade Improvement to top of leveling pad elevations. See Roadway Plans for details.
- Protective Coating shall be applied to all exposed faces of the concrete stairway.
- See Special Provision "Simulated Indiana Buff Limestone Surface Form Liner and Mockup" for details on precast panels.

INDEX OF SHEETS

- | | |
|----|--|
| 67 | General Plan And Elevation Wall 2A and 2B |
| 68 | General Plan And Elevation Wall 2C and 2D |
| 69 | Index, General Notes, Total Bill of Material and Details |
| 70 | Concrete Stair Details |
| 71 | Concrete Coping Segments A, B, C, D, E |
| 72 | Concrete Coping Segments F, G, H |
| 73 | Concrete Coping Segments I, J |
| 74 | Concrete Coping Segment L |
| 75 | Concrete Coping Segments M, N, O |
| 76 | Concrete Coping Segments P, Q, R |
| 77 | Soil Boring Logs |

TOTAL BILL OF MATERIAL

PAY ITEM NO.	ITEM	UNIT	TOTAL
20400800	Furnished Excavation	Cu Yd	123
30300001	Aggregate Subgrade Improvement	Cu Yd	573
50300225	Concrete Structures	Cu Yd	15
50300300	Protective Coat	Sq Yd	42
50800205	Reinforcement Bars, Epoxy Coated	Pound	2,590
52200500	Mechanically Stabilized Earth Retaining Wall	Sq Ft	8,440
X0323444	Decorative Steel Railing	Foot	716
X5020200	Structure Excavation (Special)	Cu Yd	1,244



5/26/2017 3:04:30 PM
26934 - 25 - Index_Cntoos_Wall_2



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0=1.0000' / 1"	DRAWN - RTT	REVISED -
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	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

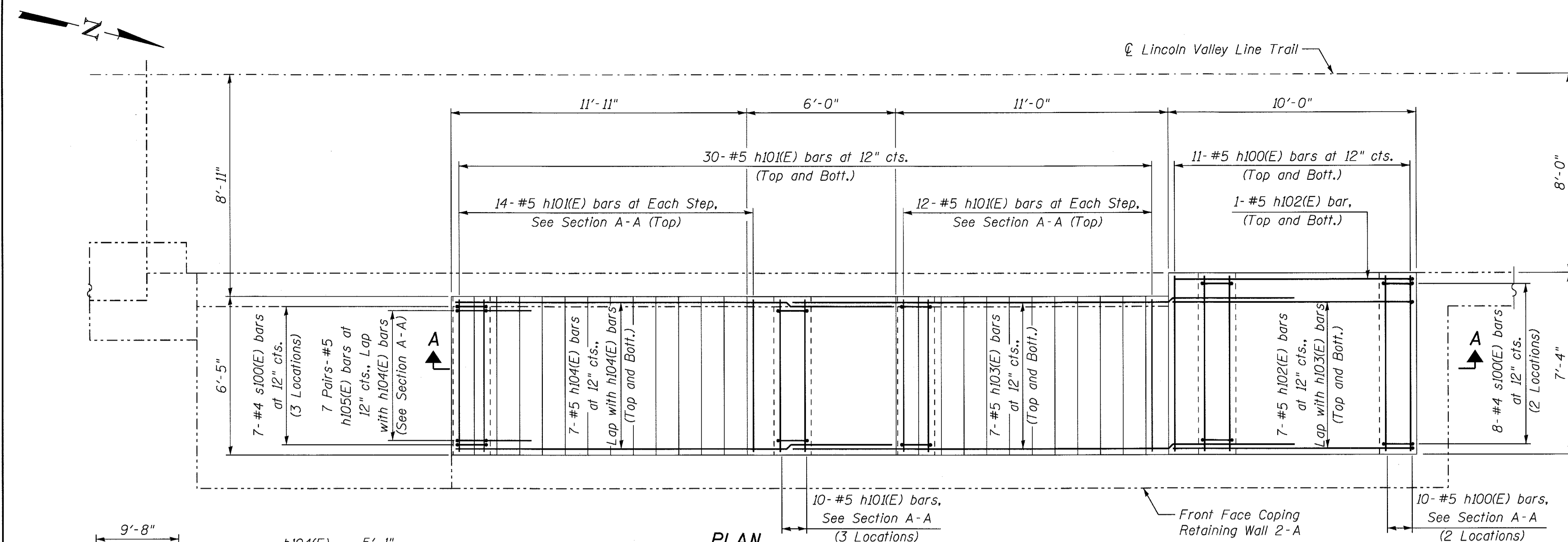
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
INDEX, GENERAL NOTES, TOTAL BILL OF MATERIAL AND DETAILS
SCALE: NONE SHEET 3 OF 11 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	69
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	

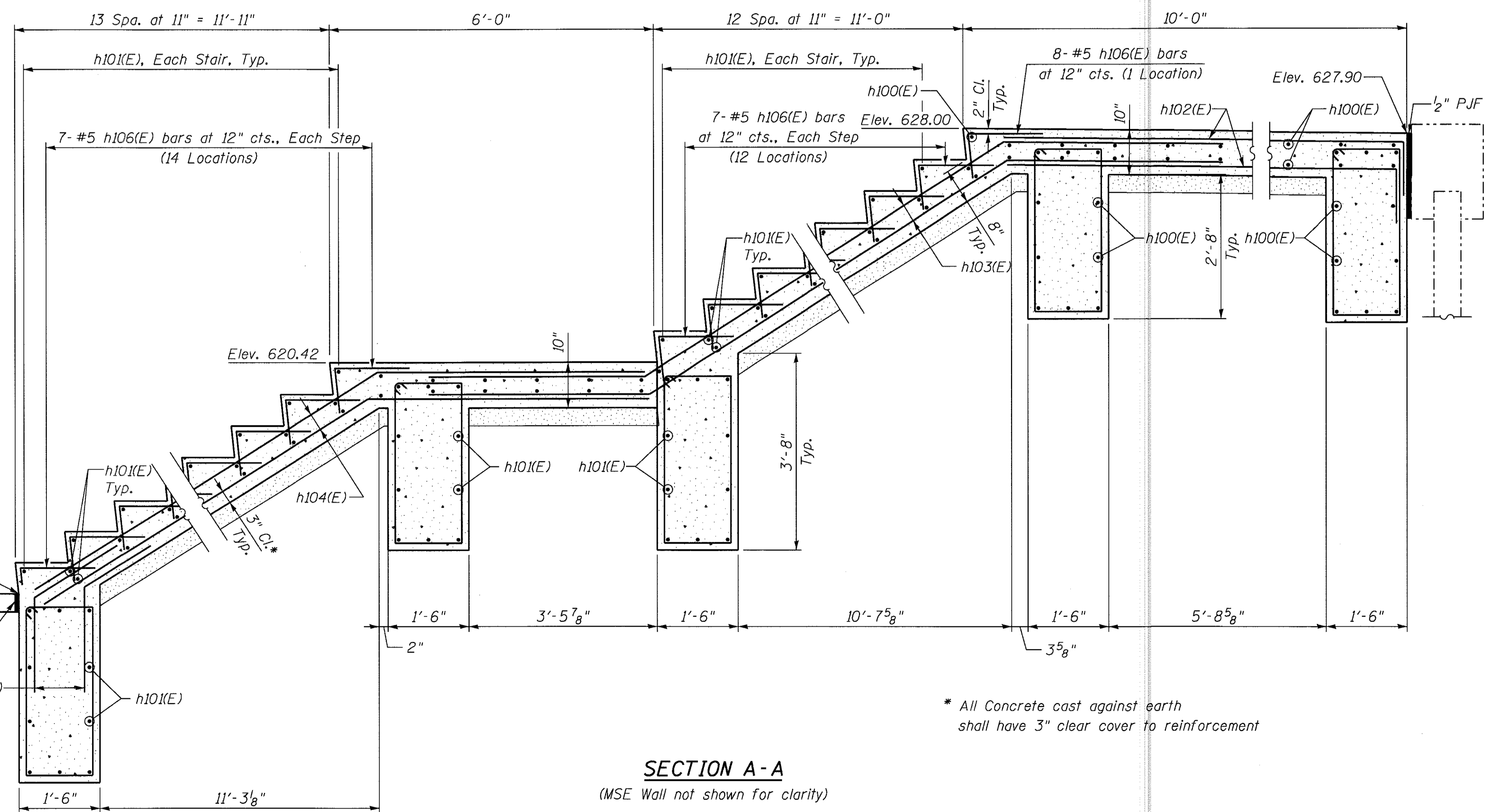
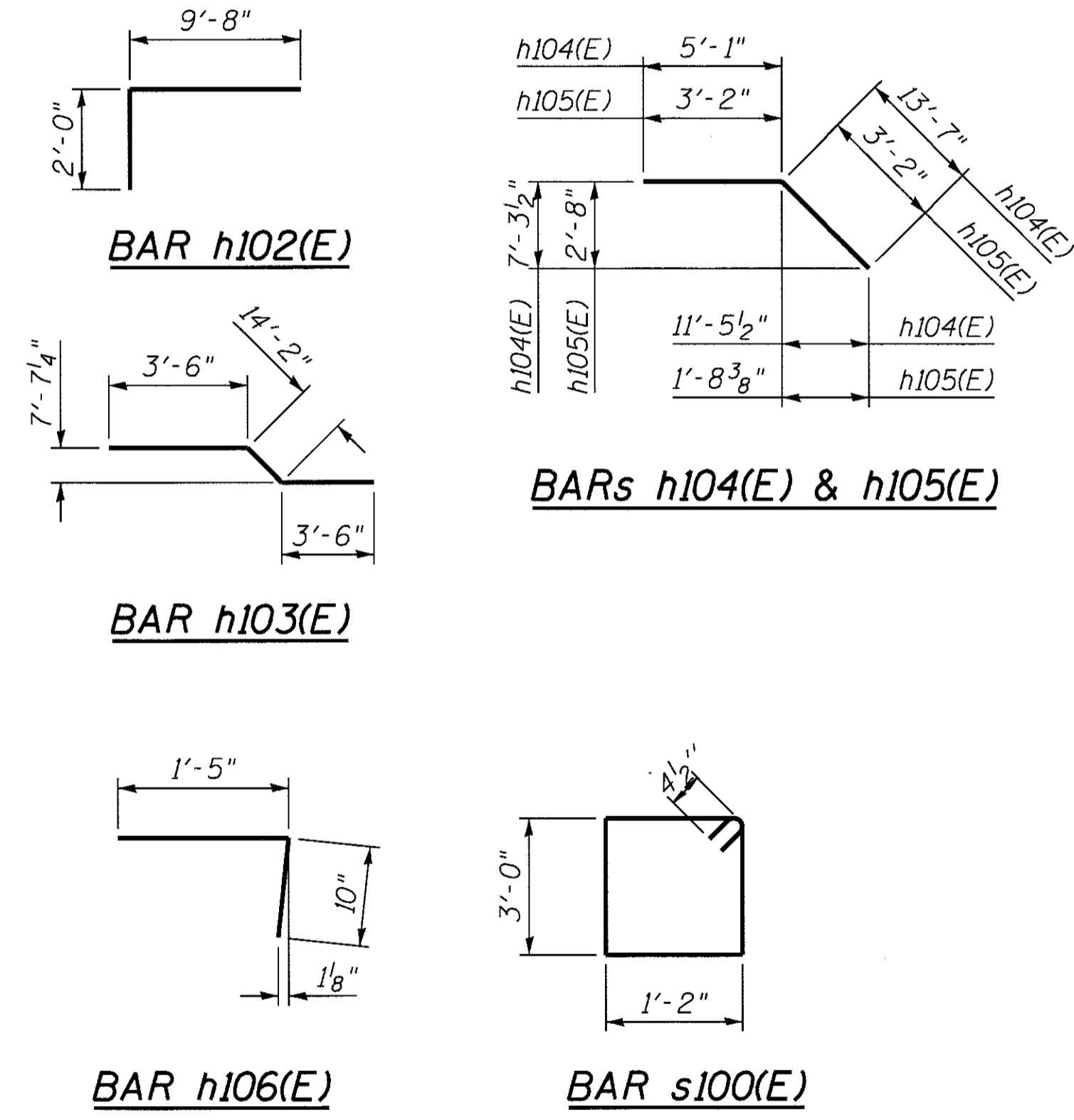
**CONCRETE STAIRS
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h100(E)	42	#5	7'-0"	—
h101(E)	116	#5	6'-1"	—
h102(E)	16	#5	11'-8"	┌
h103(E)	14	#5	21'-2"	└
h104(E)	14	#5	18'-8"	└
h105(E)	14	#5	6'-4"	└
h106(E)	190	#5	2'-3"	└
s100(E)	37	#4	9'-1"	□
Concrete Structures			Cu Yd	15
Protective Coat			Sq Yd	42
Reinforcement Bars, Epoxy Coated			Pound	2,590

MIN. BAR LAP
#5 Bar = 3'-4"



PLAN



SECTION A-A
(MSE Wall not shown for clarity)

NOTES:

1. Location of conduit shall be coordinated with electrical contractor prior to pouring concrete for stair lighting. See Electrical Plans for Details.
2. Contractor shall provide detectable warning grooves at landings per ADA requirements See Architectural Plans for Details.

5/26/2017 3:04:34 PM
26934 - 26 - Concrete Stair Details



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0:11.0000 1" / 11'	DRAWN - RTT	REVISED -
PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS CONCRETE STAIR DETAILS			
SCALE:	SHEET 4	OF 11 SHEETS	STA. TO STA.

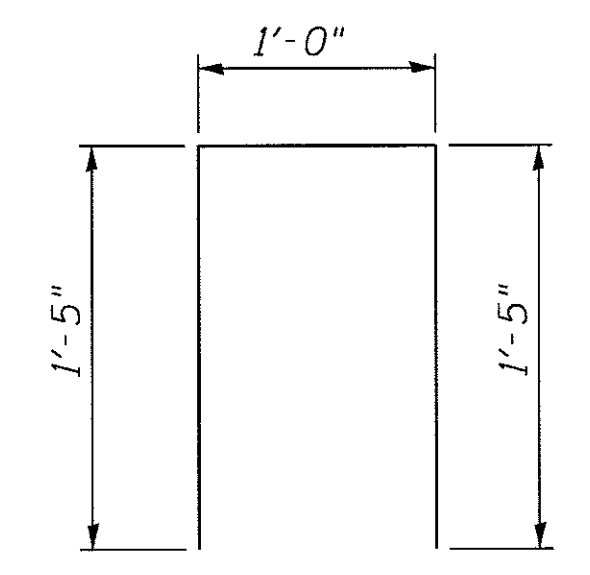
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	70
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

CONCRETE COPING SEGMENTS A, B, C, D, E
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h201(E)	7	#4	11'-8"	▬
h202(E)	7	#4	4'-10"	▬
h203(E)	7	#4	11'-8"	▬
h204(E)	7	#4	9'-9"	▬
h205(E)	7	#4	8'-5"	▬
u201(E)	30	#4	3'-10"	└

Reinforcement Bars, Epoxy Coated	Pound	300
Concrete Structures	Cu. Yds.	3.5

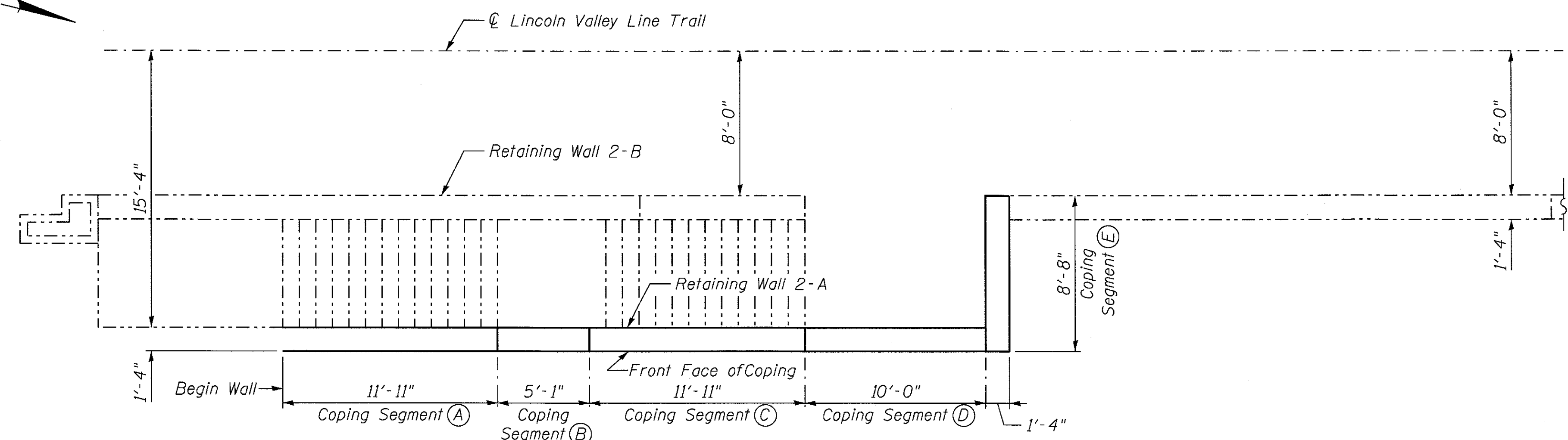
Reinforcement Bar List and Bill of Material for Information Only.



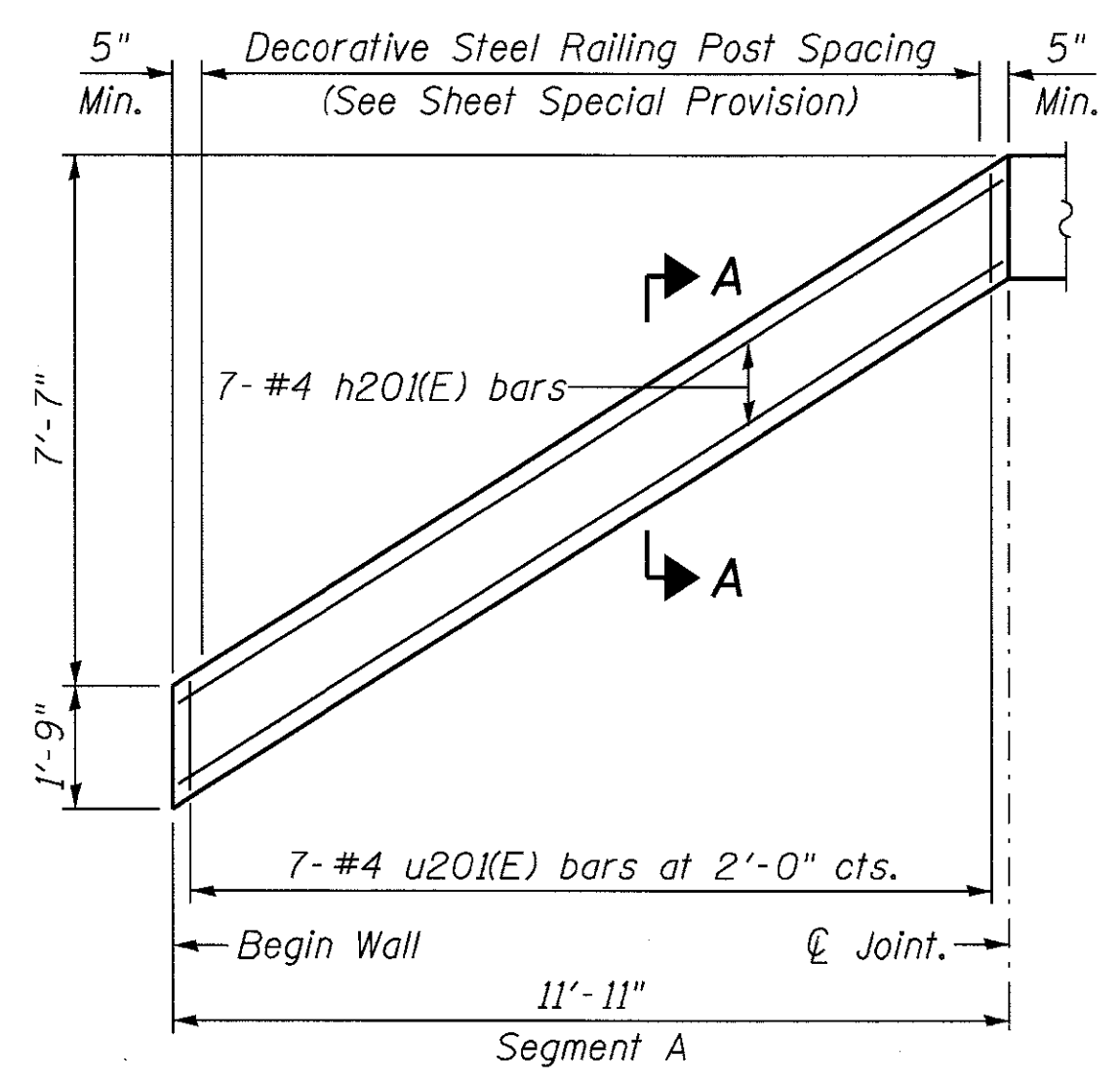
BAR u201(E)

NOTES:

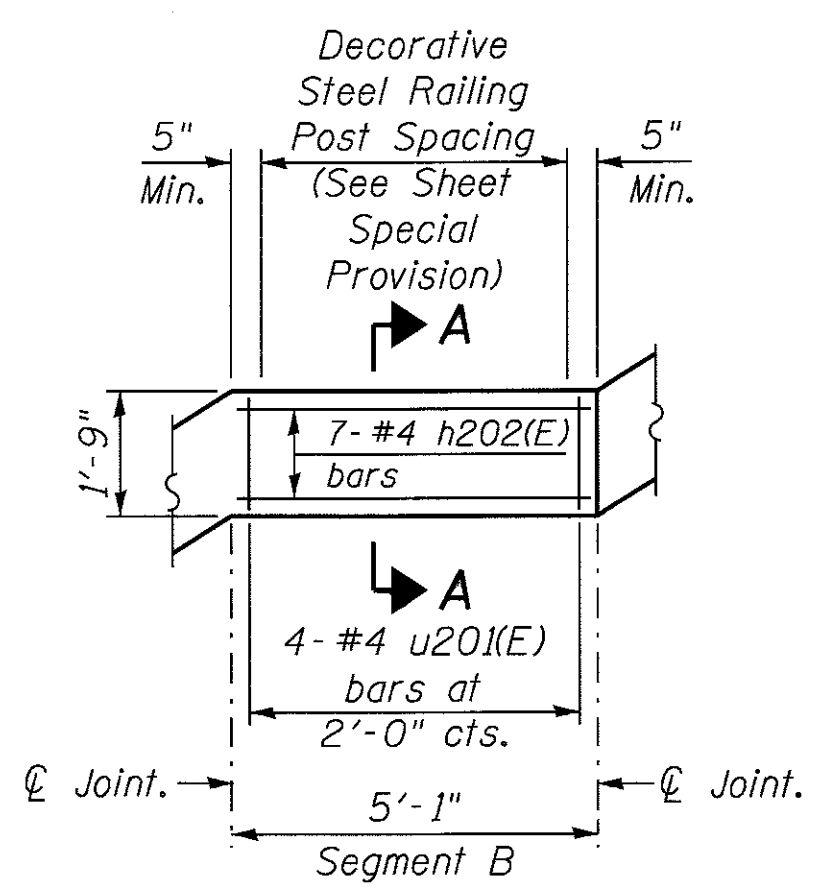
- See Sheet 69 of 93 for Section A-A.
- Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
- Space anchor bolts for railing base plate to miss reinforcement.



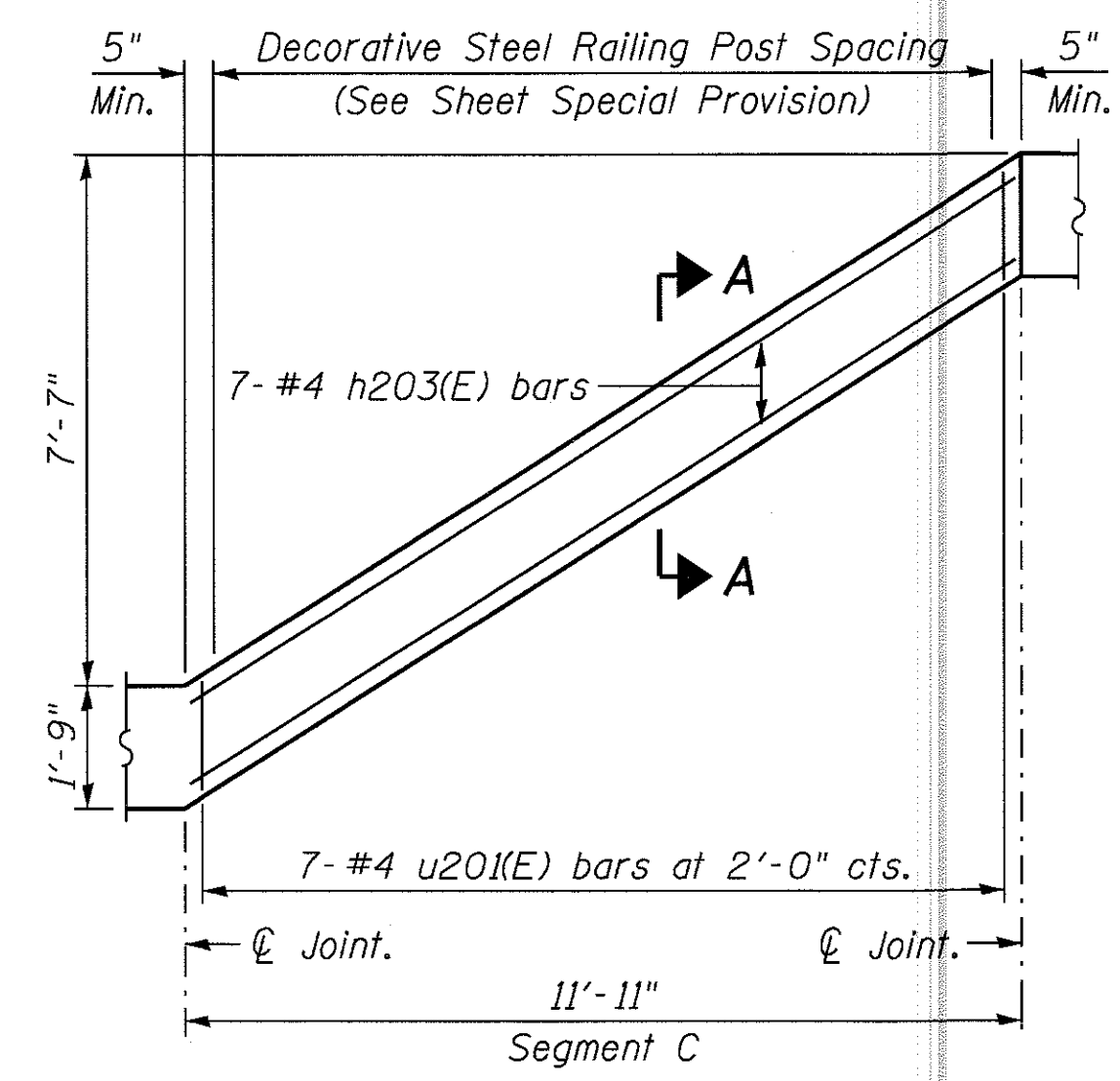
PLAN



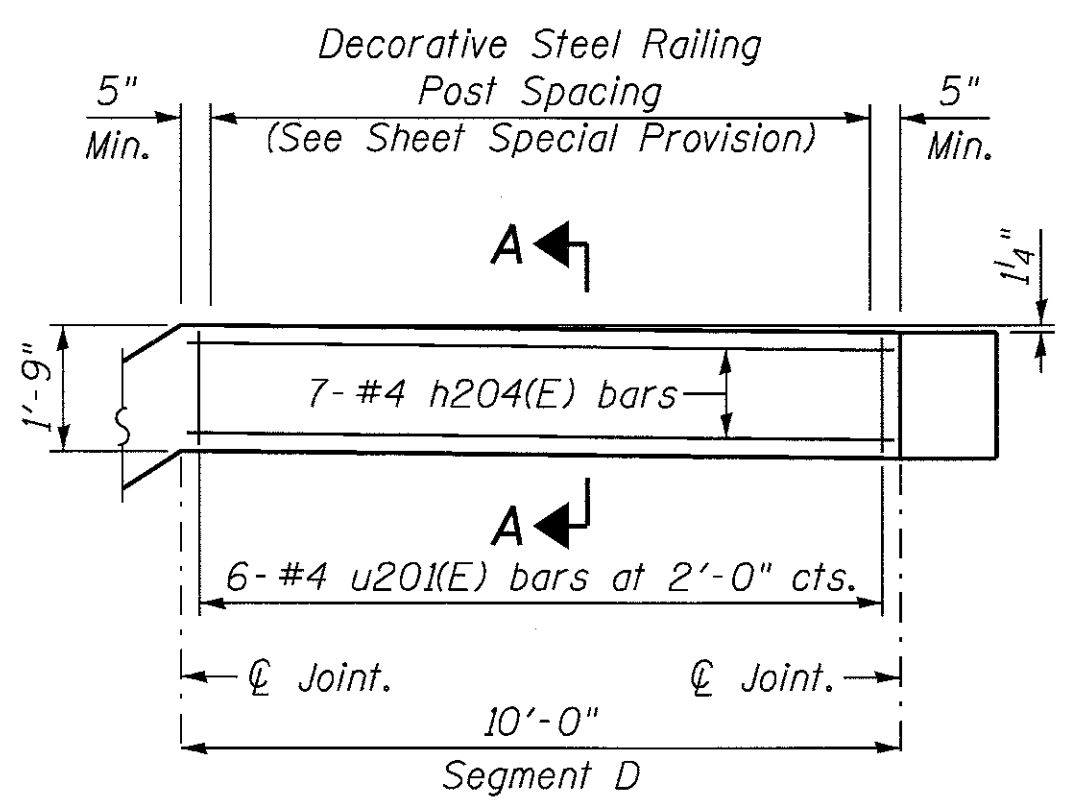
COPING SEGMENT A ELEVATION
(1 Location)



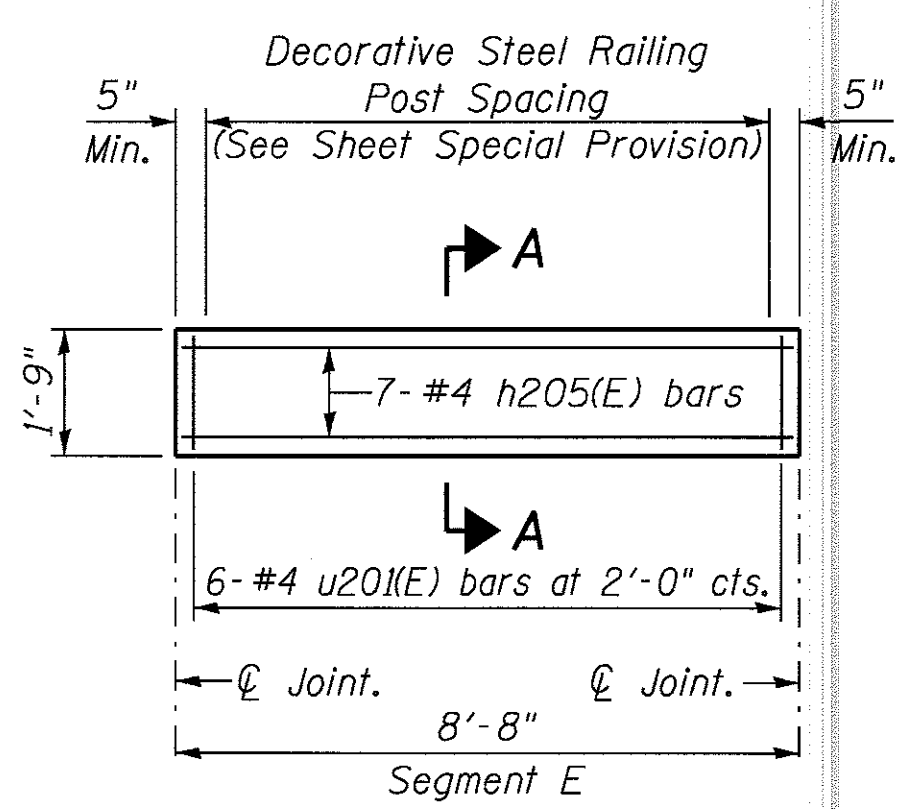
COPING SEGMENT B ELEVATION
(1 Location)



COPING SEGMENT C ELEVATION
(1 Location)



COPING SEGMENT D ELEVATION
(1 Location)



COPING SEGMENT E ELEVATION
(1 Location)

5/26/2017 3:04:38 PM
26834 - 27 - Concrete Coping Details 2A



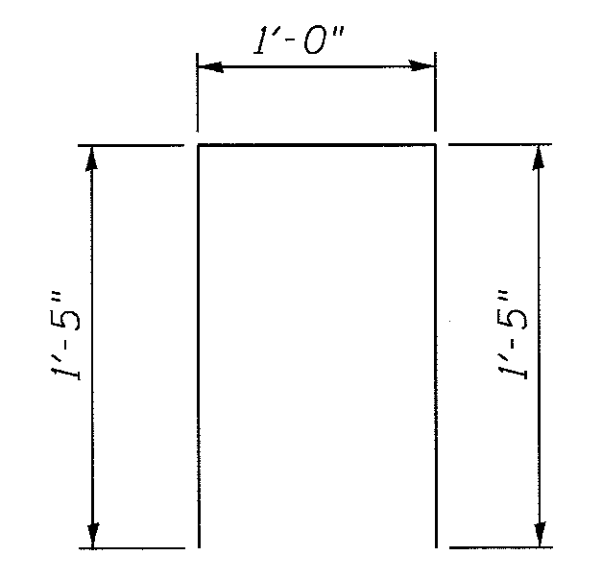
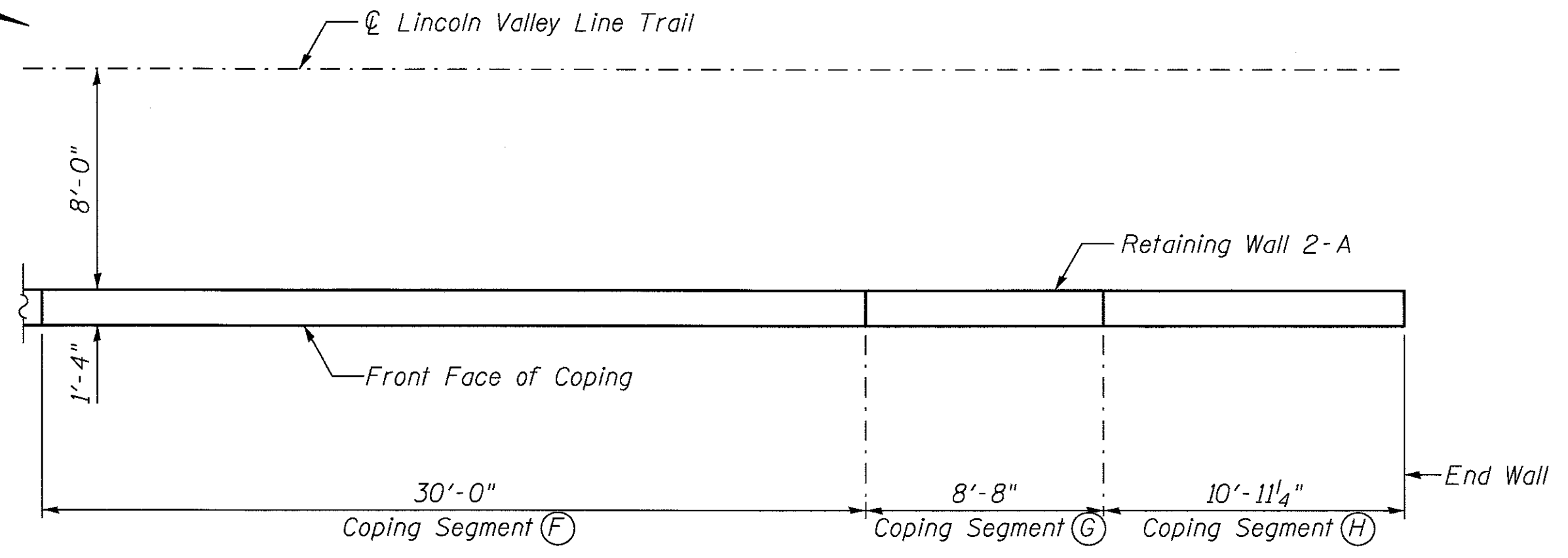
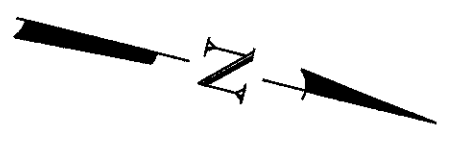
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PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS A, B, C, D, E

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 71
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	



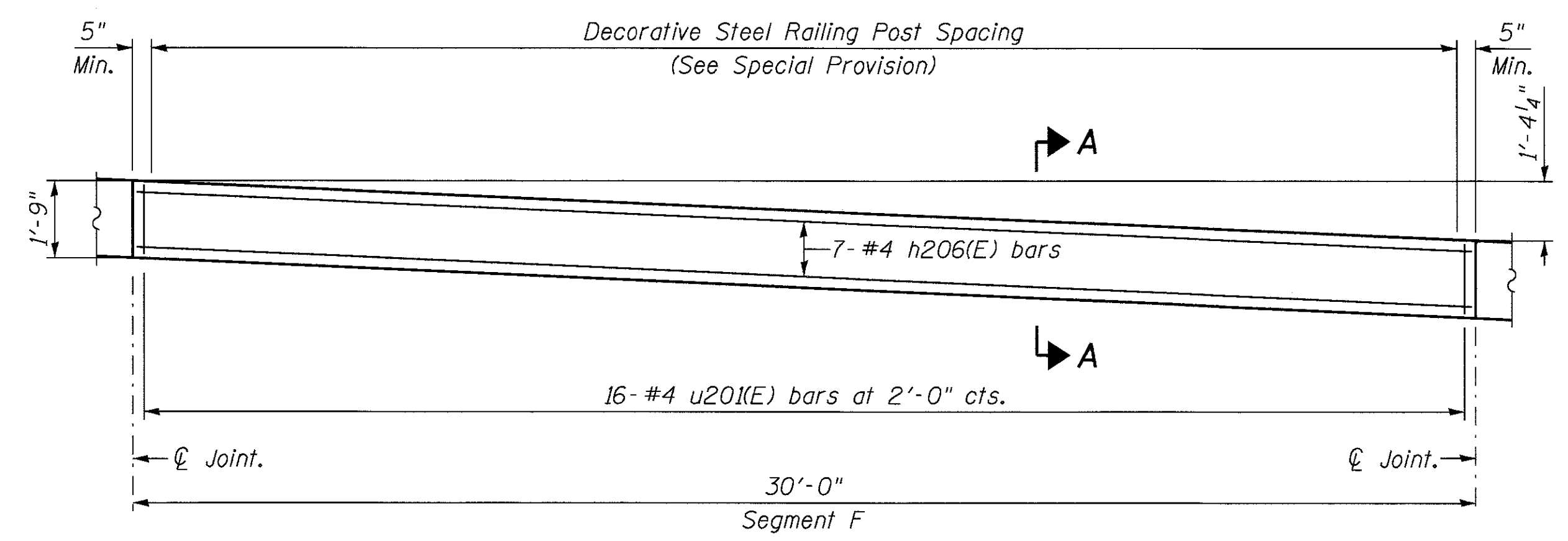
BAR u201(E)

- NOTES:**
1. See Sheet 69 of 93 for Section A-A.
 2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
 3. Space anchor bolts for railing base plate to miss reinforcement.

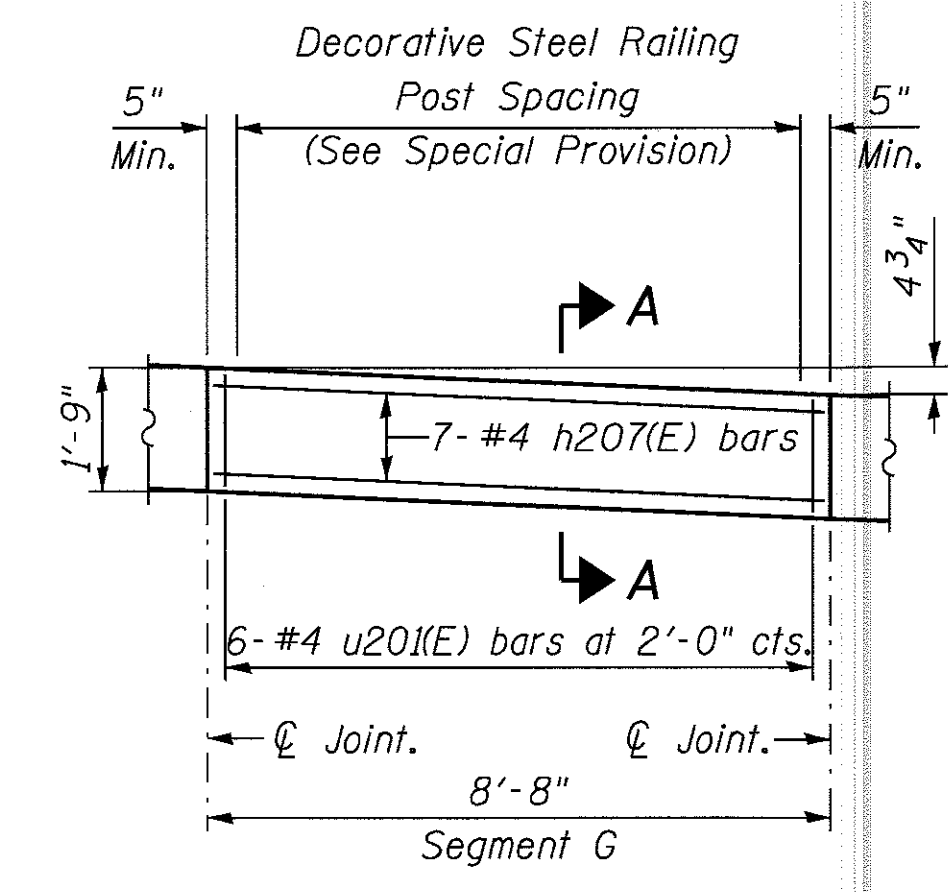
**CONCRETE COPING SEGMENTS F, G, H
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h206(E)	63	#4	29'-9"	—
h207(E)	7	#4	8'-5"	—
h208(E)	7	#4	29'-9"	—
u201(E)	157	#4	3'-10"	U
Reinforcement Bars, Epoxy Coated			Pound	1,750
Concrete Structures			Cu. Yds.	21.0

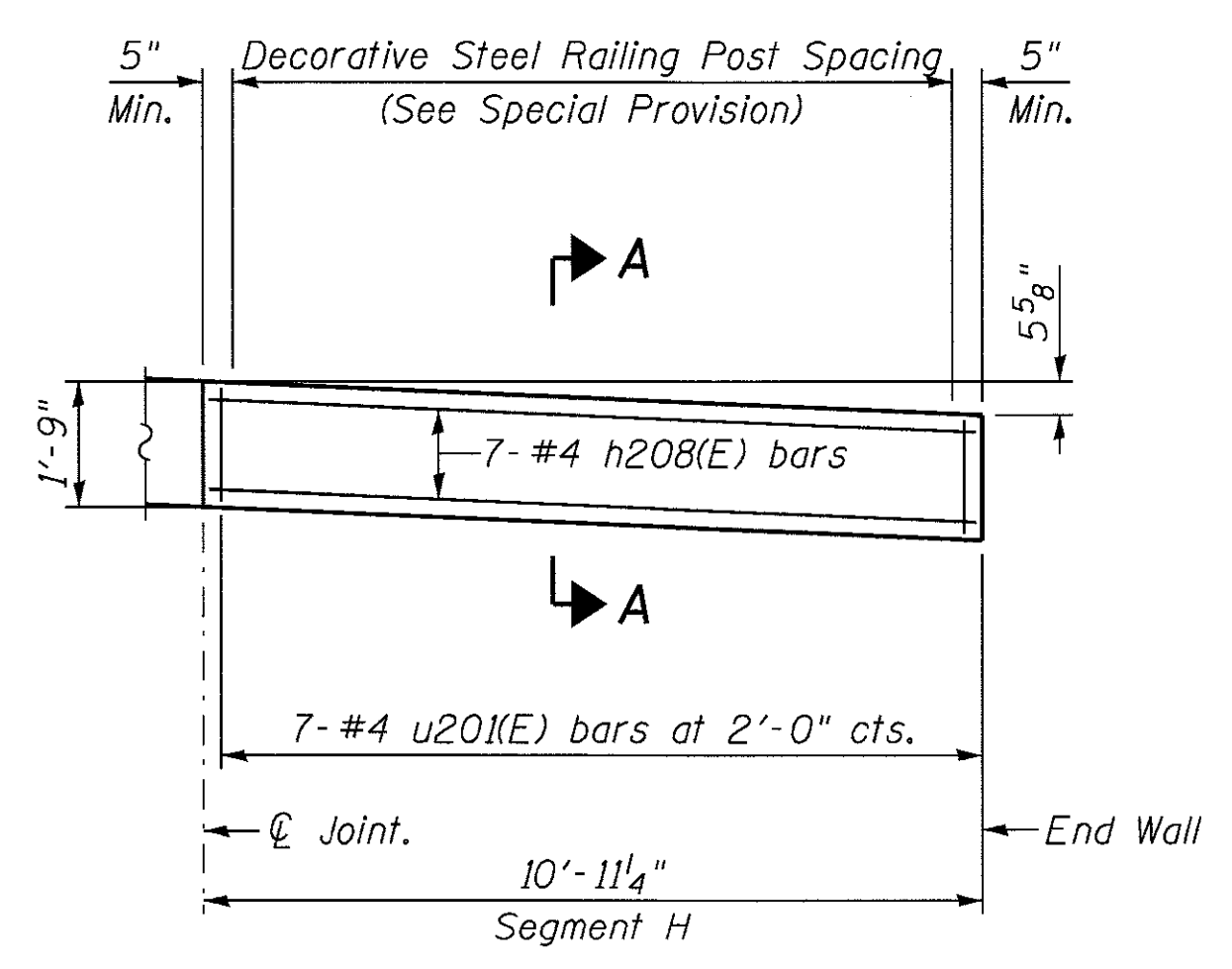
Reinforcement Bar List and Bill of Material for Information Only.



COPING SEGMENT F ELEVATION
(9 Location)



COPING SEGMENT G ELEVATION
(1 Location)



COPING SEGMENT H ELEVATION
(1 Location)

5/26/2017 3:04:43 PM
269.34 - 28 - Concrete Coping Details 2A



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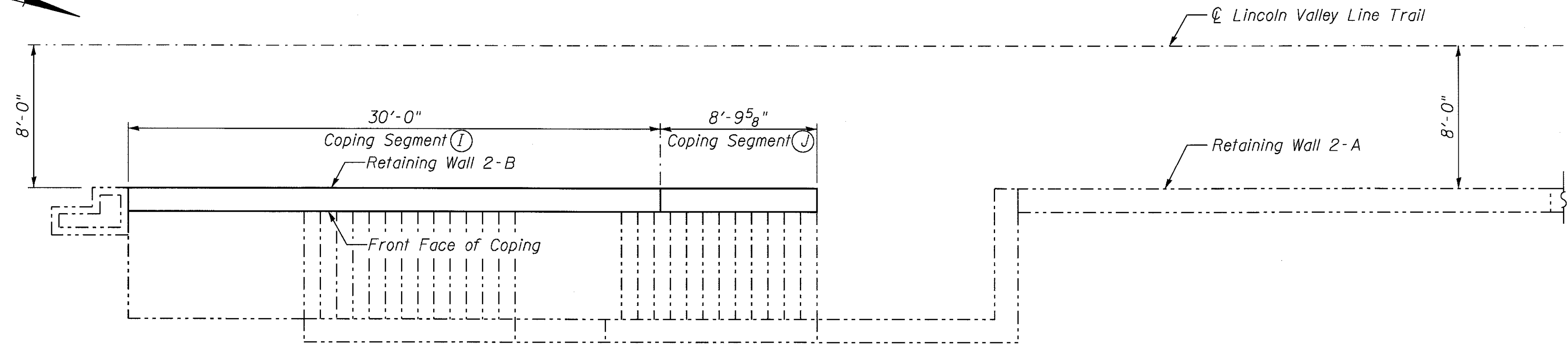
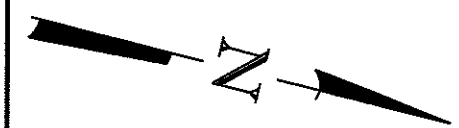
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS F, G, H**

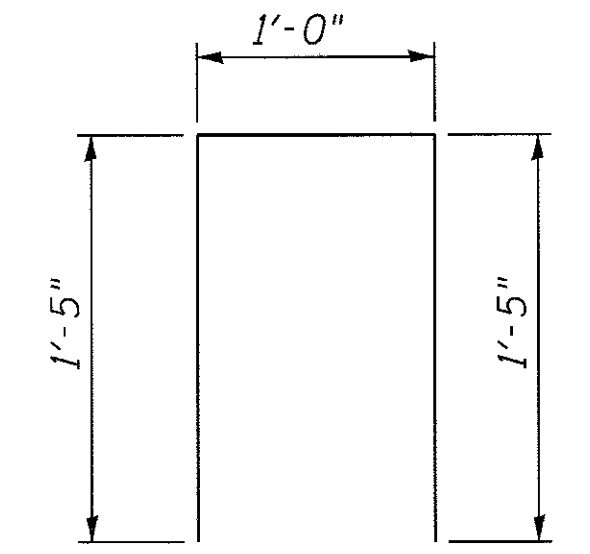
SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	72
CONTRACT NO. 61D97				

ILLINOIS FED. AID PROJECT



PLAN



BAR u20(E)

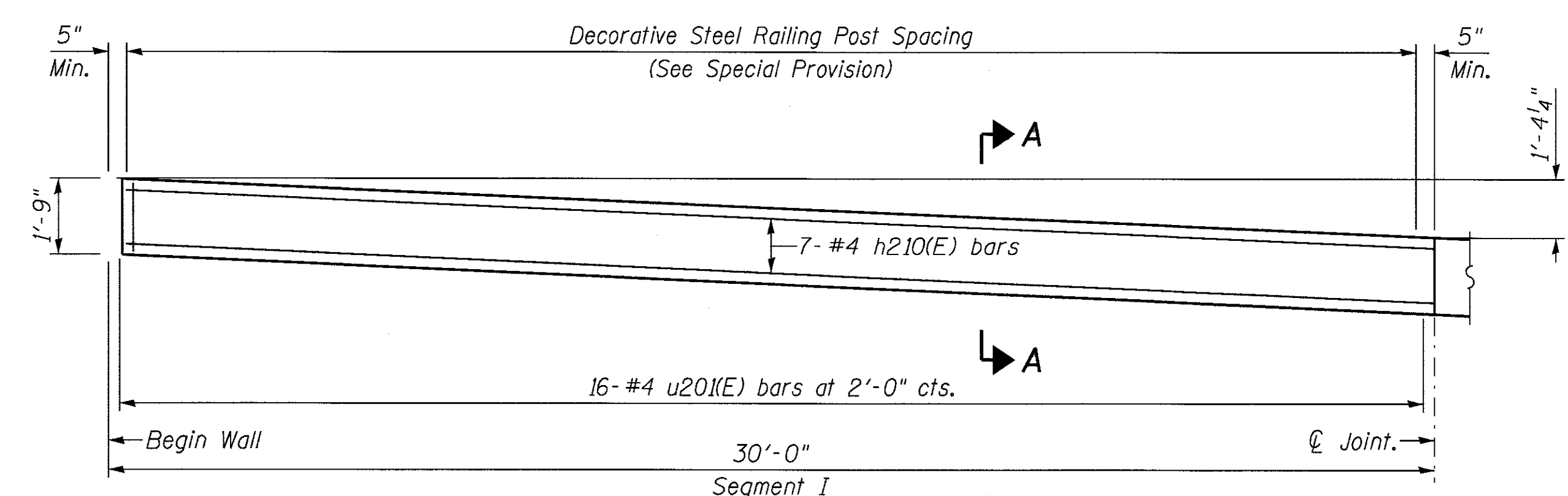
NOTES:

1. See Sheet 69 of 93 for Section A-A.
2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
3. Space anchor bolts for railing base plate to miss reinforcement.

CONCRETE COPING SEGMENTS I, J
BILL OF MATERIAL

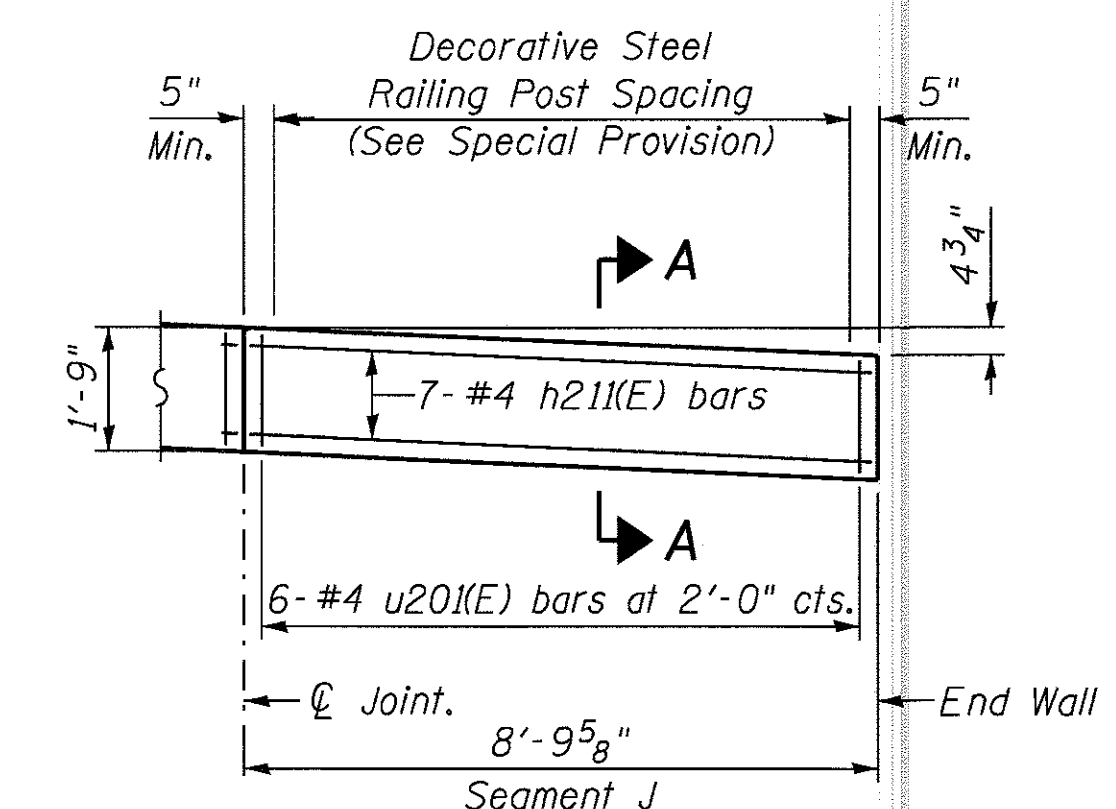
Bar	No.	Size	Length	Shape
h210(E)	7	#4	29'-9"	—
h211(E)	7	#4	8'-6"	—
u201(E)	22	#4	3'-10"	U
Reinforcement Bars, Epoxy Coated			Pound	240
Concrete Structures			Cu. Yds.	2.8

Reinforcement Bar List and Bill of Material for Information Only.



COPING SEGMENT I ELEVATION

(I Location)



COPING SEGMENT J ELEVATION

(I Location)

5/26/2017 3:04:47 PM
26934 - 29 - Concrete Coping Details 2B



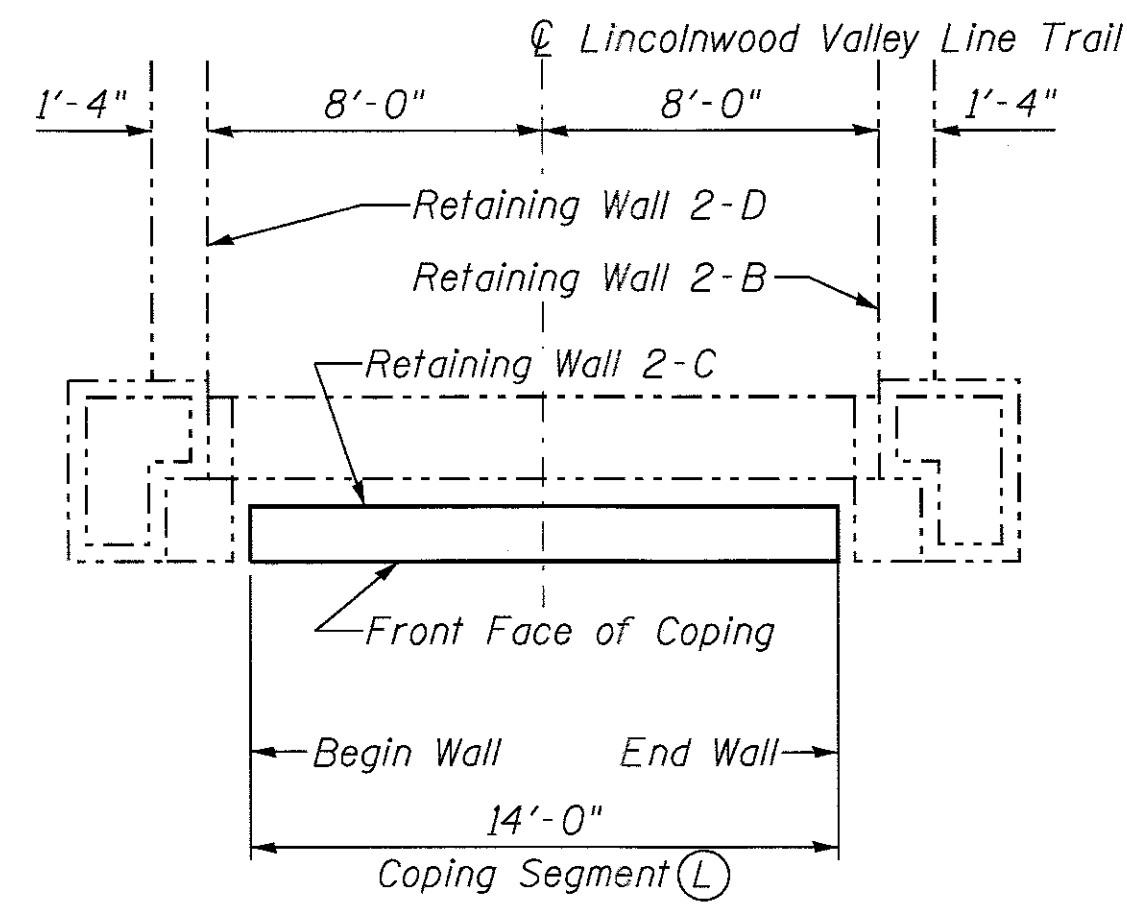
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	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

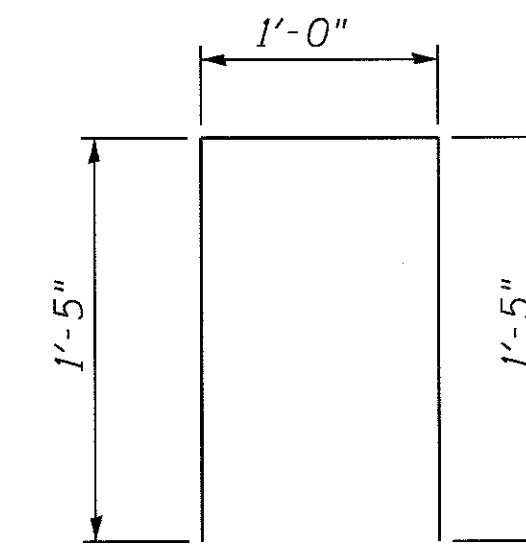
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS I, J

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	73
CONTRACT NO. 61D97			ILLINOIS FED. AID PROJECT	



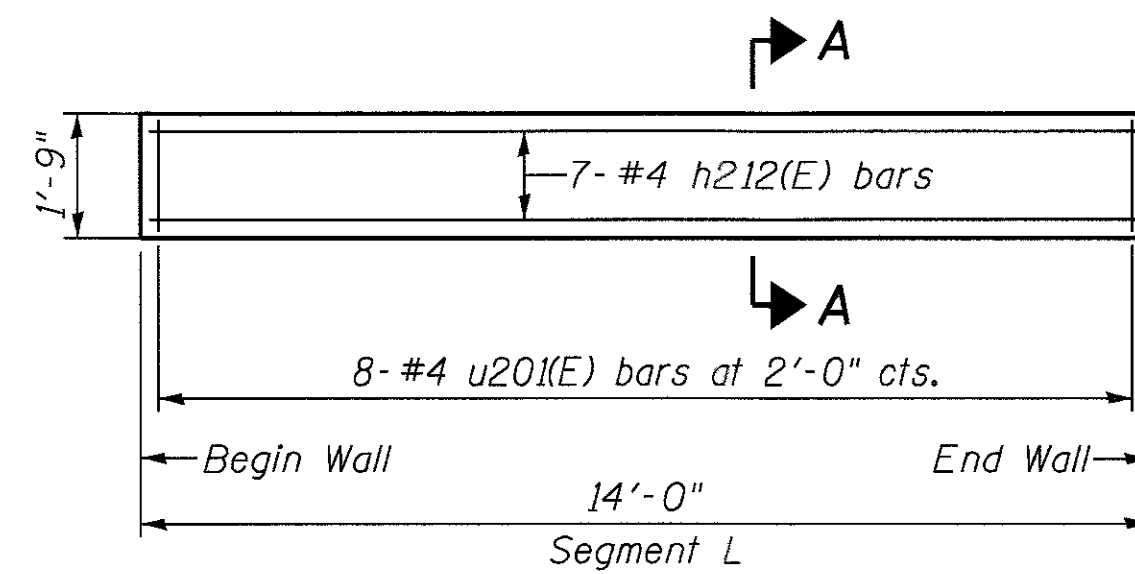
PLAN



BAR u20(E)

NOTES:

1. See Sheet 69 of 93 for Section A-A.
2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.



COPING SEGMENT L ELEVATION
(1 Location)

CONCRETE COPING SEGMENT L
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h212(E)	7	#4	13'-9"	—
u20(E)	8	#4	3'-10"	□
Reinforcement Bars, Epoxy Coated			Pound	90
Concrete Structures			Cu. Yds.	1.0

Reinforcement Bar List and Bill of Material for Information Only.

5/26/2017 3:04:51 PM
26834 - 30 - Concrete Coping Details 2C



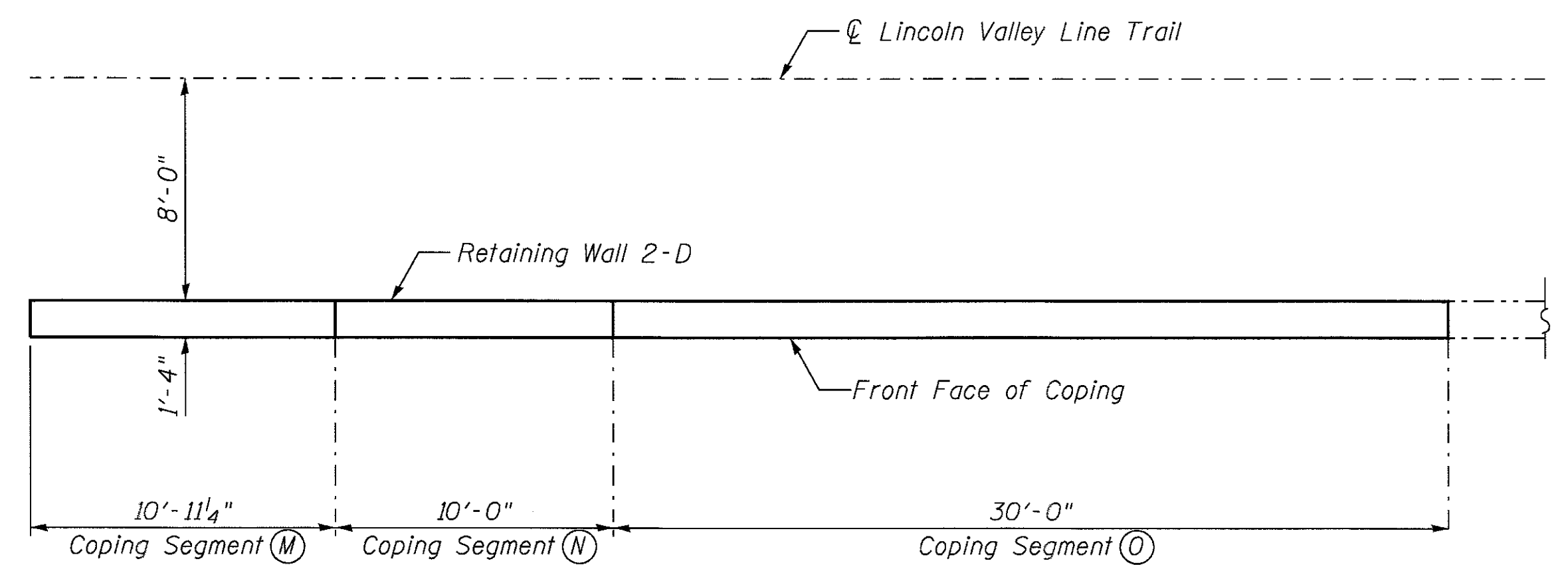
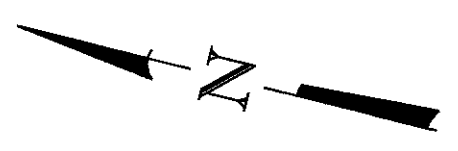
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	DRAWN - RTT	REVISED -
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PLOT DATE = 5/26/2017	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

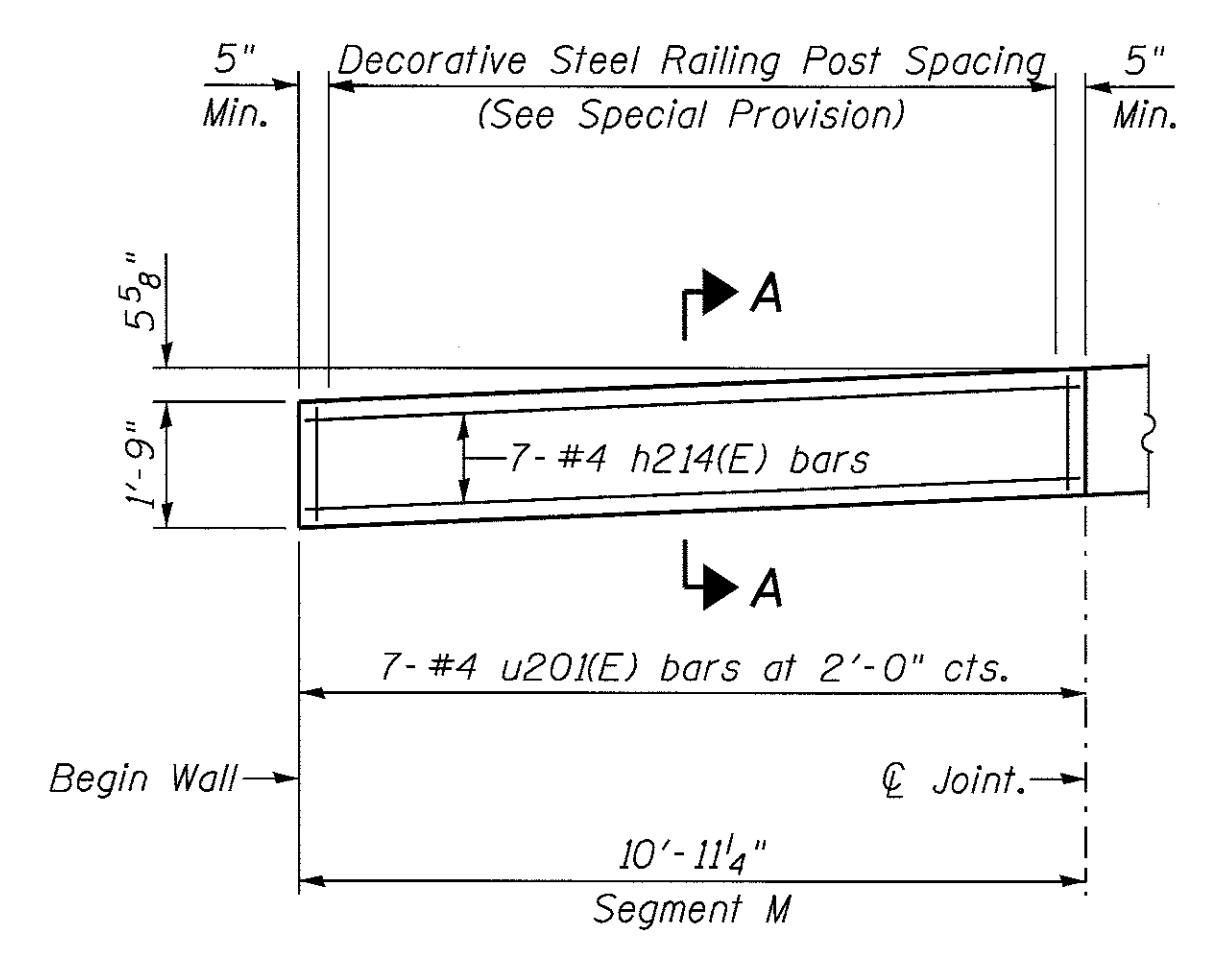
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENT L

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

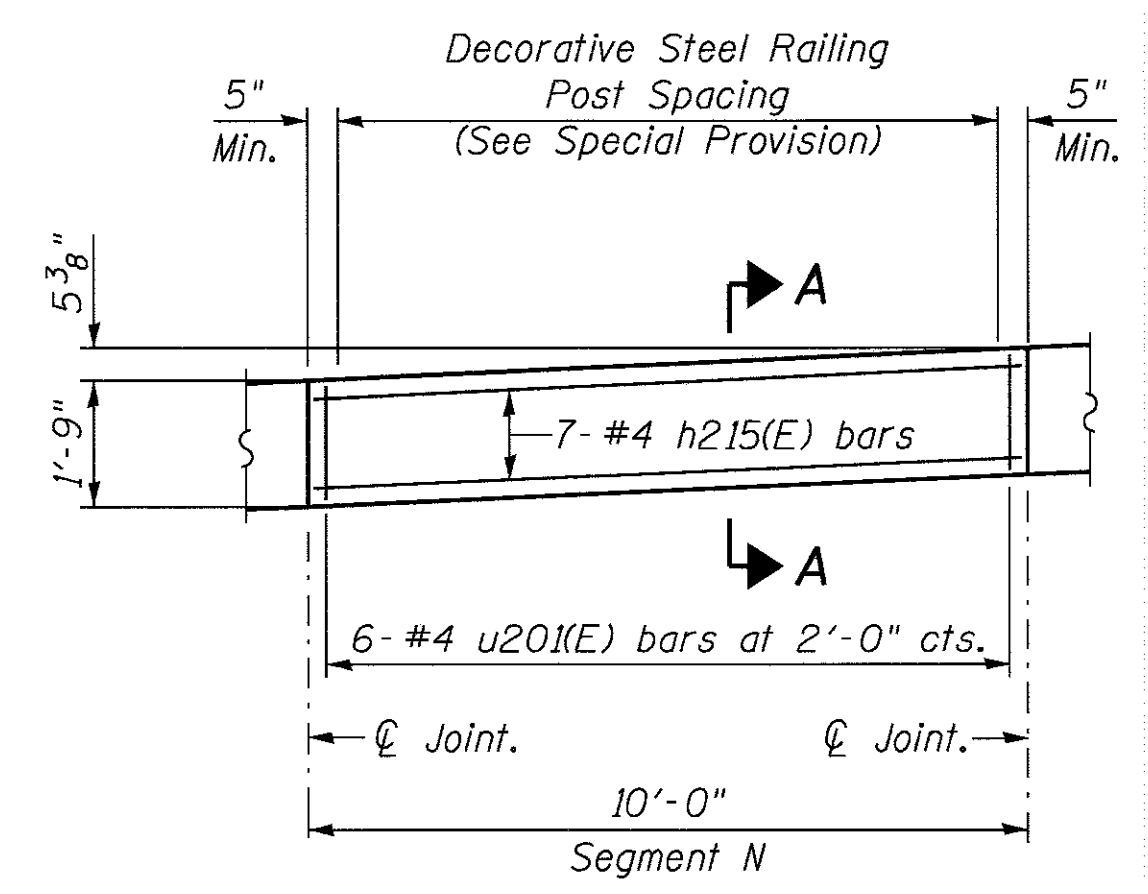
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1340	12-00059-00-BR	COOK	93	74
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



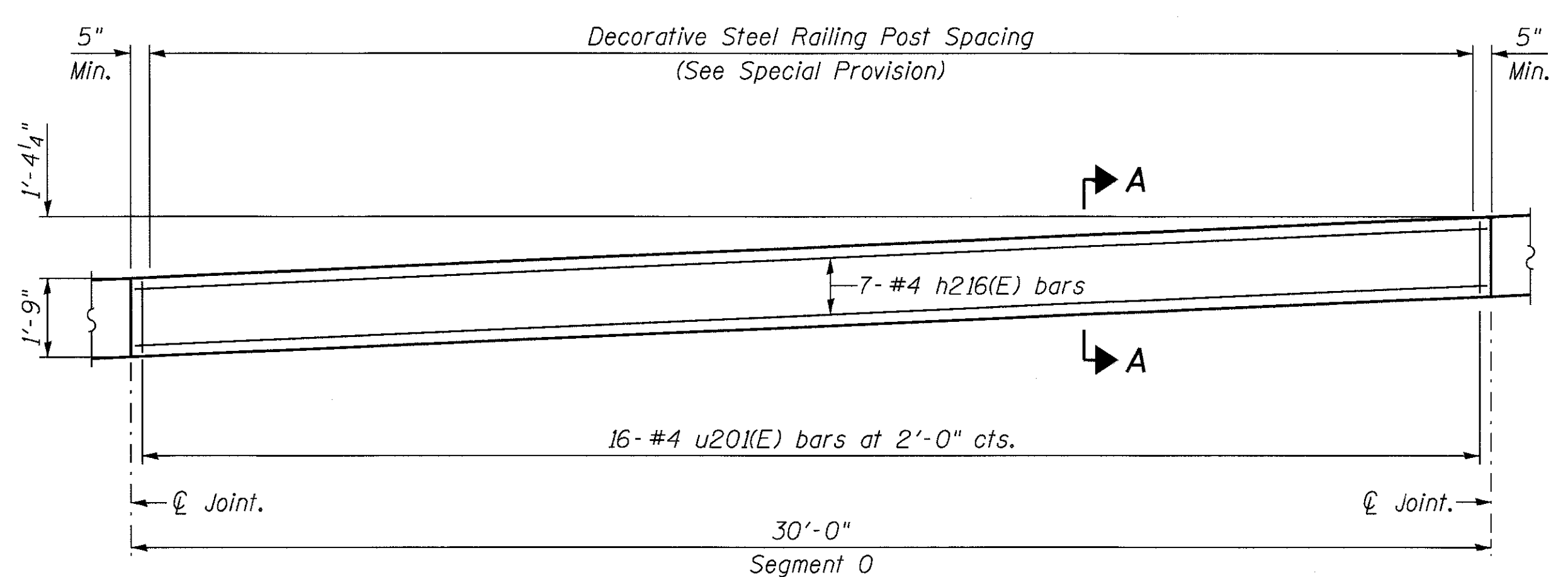
PLAN



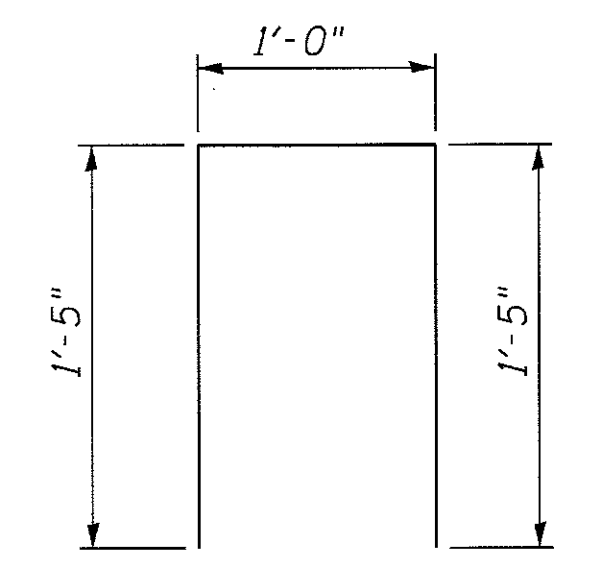
COPING SEGMENT M ELEVATION
(1 Location)



COPING SEGMENT N ELEVATION
(1 Location)



COPING SEGMENT O ELEVATION
(9 Location)



BAR u201(E)

- NOTES:**
1. See Sheet 69 of 93 for Section A-A.
 2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
 3. Space anchor bolts for railing base plate to miss reinforcement.

CONCRETE COPING SEGMENTS M, N, O
BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
h214(E)	7	#4	10'-8"	▬	
h215(E)	7	#4	9'-9"	▬	
h216(E)	63	#4	29'-9"	▬	
u201(E)	157	#4	3'-10"	⊏	
Reinforcement Bars, Epoxy Coated				Pound	1,750
Concrete Structures				Cu. Yds.	21.1

Reinforcement Bar List and Bill of Material for Information Only.

5/26/2017 3:04:55 PM 26834 - 31 - Concrete Coping Details 2D



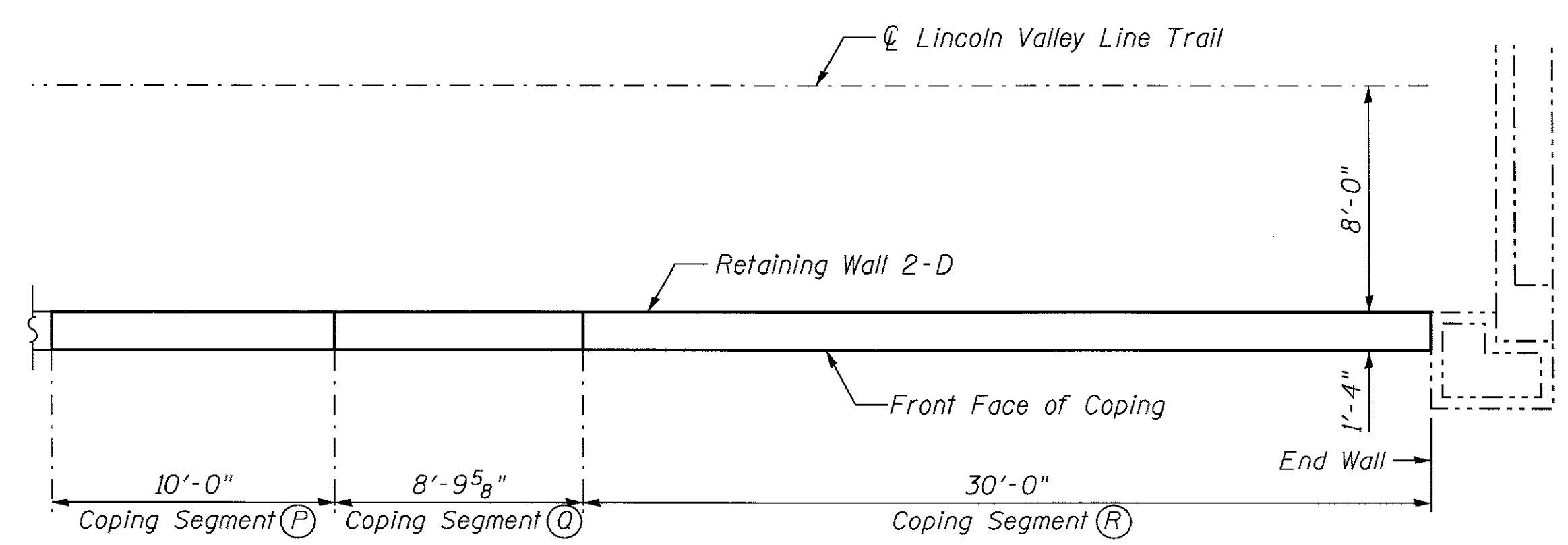
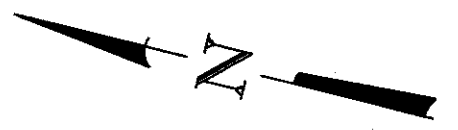
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PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

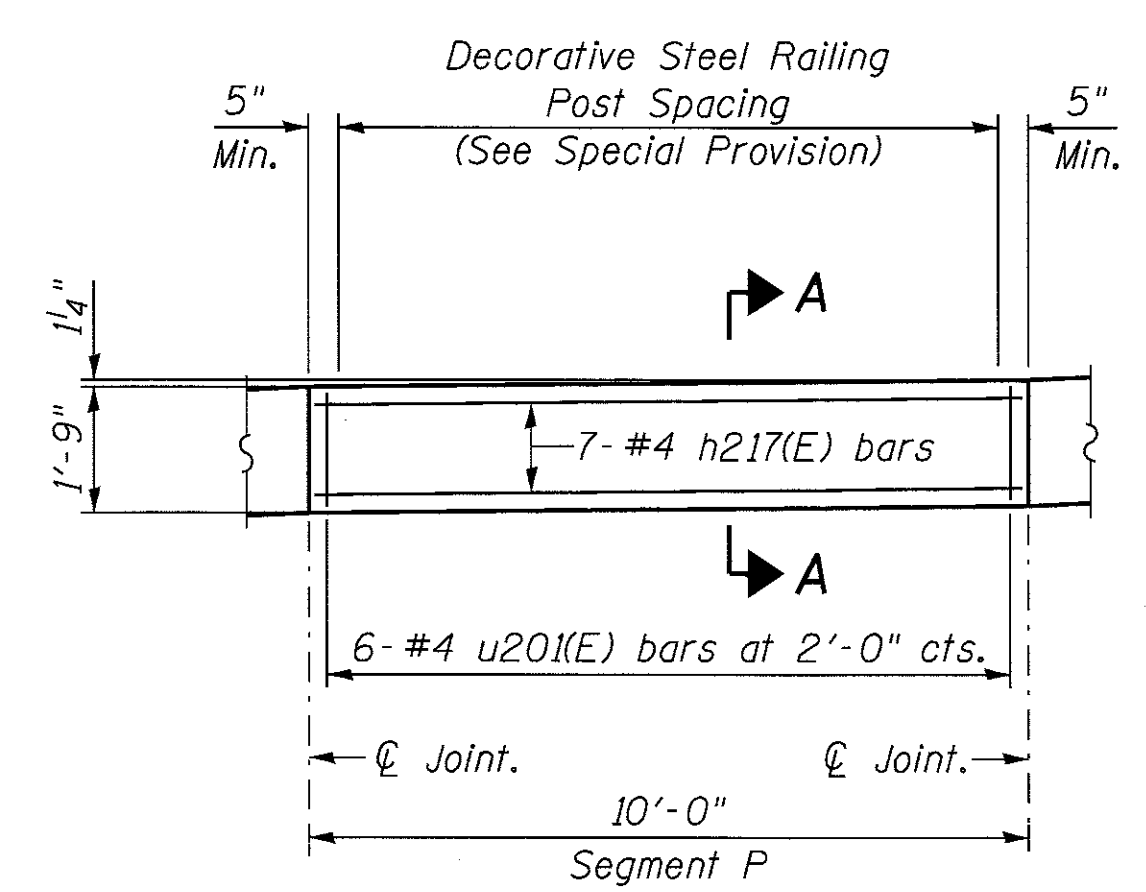
LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS M,N, O

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

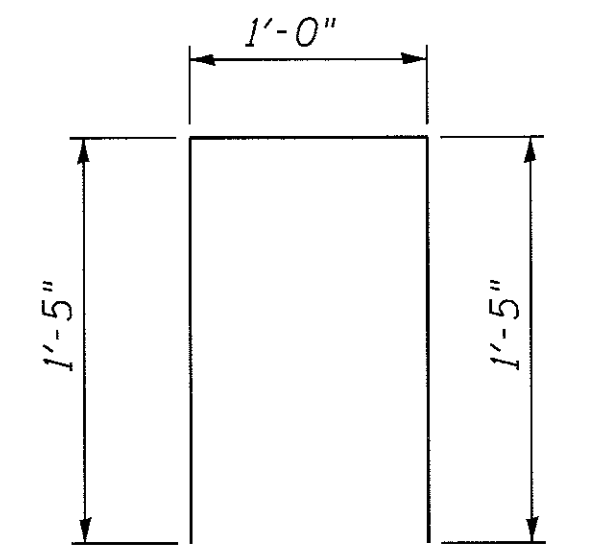
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	75
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



PLAN



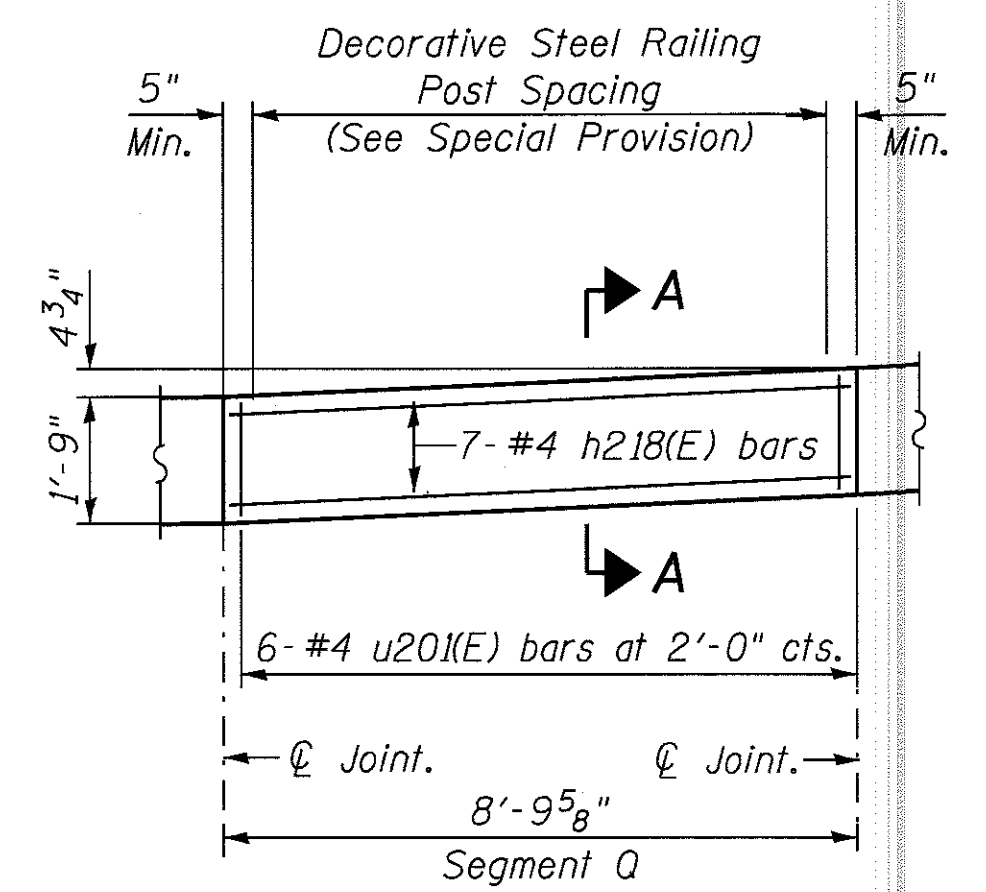
COPING SEGMENT P ELEVATION
(1 Location)



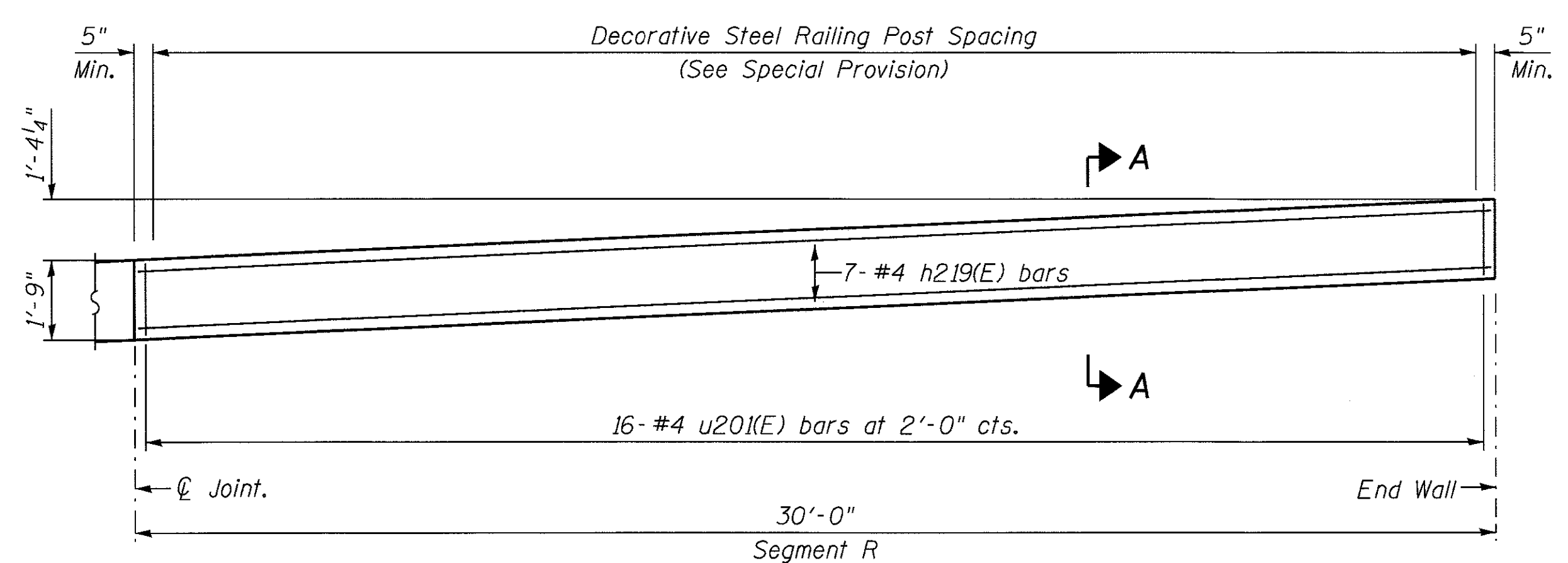
BAR u201(E)

NOTES:

1. See Sheet 69 of 93 for Section A-A.
2. Maximum distance between Construction Joints shall not exceed 30 feet. Maximum distance between Expansion Joints shall not exceed 90 feet.
3. Space anchor bolts for railing base plate to miss reinforcement.



COPING SEGMENT Q ELEVATION
(1 Location)



COPING SEGMENT R ELEVATION
(1 Location)

CONCRETE COPING SEGMENTS P, Q, R
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h217(E)	7	#4	9'-9"	—
h218(E)	7	#4	8'-6"	—
h219(E)	7	#4	29'-9"	—
u201(E)	28	#4	3'-10"	U
Reinforcement Bars, Epoxy Coated			Pound	300
Concrete Structures			Cu. Yds.	3.5

Reinforcement Bar List and Bill of Material for Information Only.

5/26/2017 3:04:59 PM 26834 - 32 - Concrete Coping Details 2D



USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0:11.0000 1" / 11'	DRAWN - RTT	REVISED -
PLOT DATE = 5/26/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
CONCRETE COPING SEGMENTS P, Q, R

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	76
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 19+99.52, 3.87' RT Ground Surface Elevation: 611.87

Page 1 of 1	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O
LOG OF TEST BORING B-7 Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at N/A after Sampling (open triangle)	0		FILL - SAND with Gravel (SP-GP), black, very loose								
	1			1	2					SS	
	4			2	3					SS	
	6		Silty CLAY (CL), brown, very tough to hard, w/ trace sand, trace gravel	3	6	3.5	3.5	15.4		SS	
	8			4	9	4.7	4.5	15.9		SS	
	12		Silty CLAY (CL), gray, very tough to hard, w/ trace sand, trace gravel	5	7	3.75	4.0	14.6		SS	
	16			6	6	2.9	3.0	15.5		SS	
	20			7	8	4.2	4.0	12.7		SS	
	24										
	28										
32											

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.



DATE: 02/24/2015
Client: Stanley Consultants

File No.: 6000-1
Project: Touhy Avenue Bridge
Touhy Rd. - Lincolnwood, IL

Boring Location: SEE FIGURE 1: STA 20+99.54, 3.46' RT Ground Surface Elevation: 611.88

Page 1 of 1	Depth	Strata	SOIL DESCRIPTION	S	N	Qu	Qp	Wc	Yd	MS	%O
LOG OF TEST BORING B-8 Drill Rig: CME 75 Drill Date: 02/10/2015 Engineer: P. Sidorczuk Drafting: A. Hogan Water at N/A While Sampling (filled triangle) Water at N/A after Sampling (open triangle)	0		FILL - SAND with Gravel (SP-GP), black, very loose								
	1			1	0					SS	
	4			2	2					SS	
	6		Silty CLAY (CL), brown & gray, hard, w/ trace sand, trace gravel	3	7	4.3	4.0	9.8		SS	
	8			4	8	4.7	4.5	11.9		SS	
	12		Silty CLAY (CL), gray, very tough, w/ trace sand, trace gravel	5	8	3.75	4.0	15.2		SS	
	16			6	6	3.2	3.0	16.5		SS	
	20			7	9	3.7	3.5	17.1		SS	
	24										
	28										
32											

Legend
 S = Sample No.
 N = Penetration (blows/foot)
 Qu = Unconfined Strength (tons/square ft.)
 Qp = Estimated Unconfined Compressive Strength Based Upon Calibrated Penetrometer Reading (tons/square ft.)
 Wc = Water Content in %
 Yd = Dry Density (pcf)
 MS = Method of Sample
 SS = Split - Spoon Sample
 AS = Auger Sample
 ST = Shelby Tube Sample
 NX = Rock Core Sample
 PC = Pavement Core Sample
 %O = Percent Organic

Note: The stratification lines indicated are estimated - the transition between soil types may be more gradual.

USER NAME = 8291	DESIGNED - PS	REVISED -
PLOT SCALE = 0:1.0000 ' / 1"	DRAWN - RTT	REVISED -
PLOT DATE = 6/23/2017	CHECKED - DSE	REVISED -
	DATE - 05-08-17	REVISED -

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

T/2 *

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

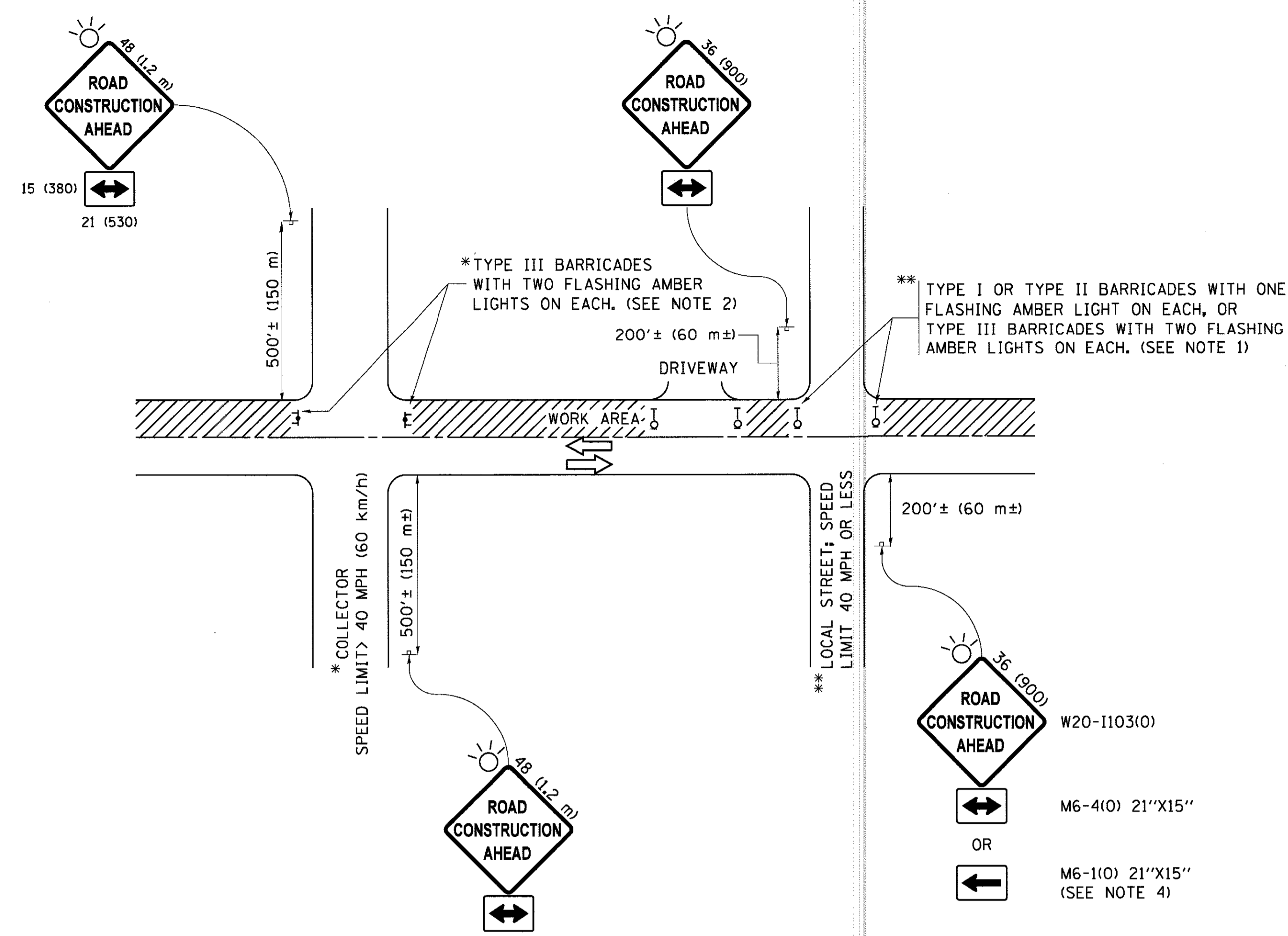
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\pwork\drivakosgn\0108315\bd24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		1340	12-00059-00-BR	COOK	93	78			
PLOT SCALE = 50.000 1/16 IN.		CHECKED -	REVISED - M. GOMEZ 01-22-01		BD600-06 (BD-24)			CONTRACT NO. 61097				
PLOT DATE = 12/15/2009		DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

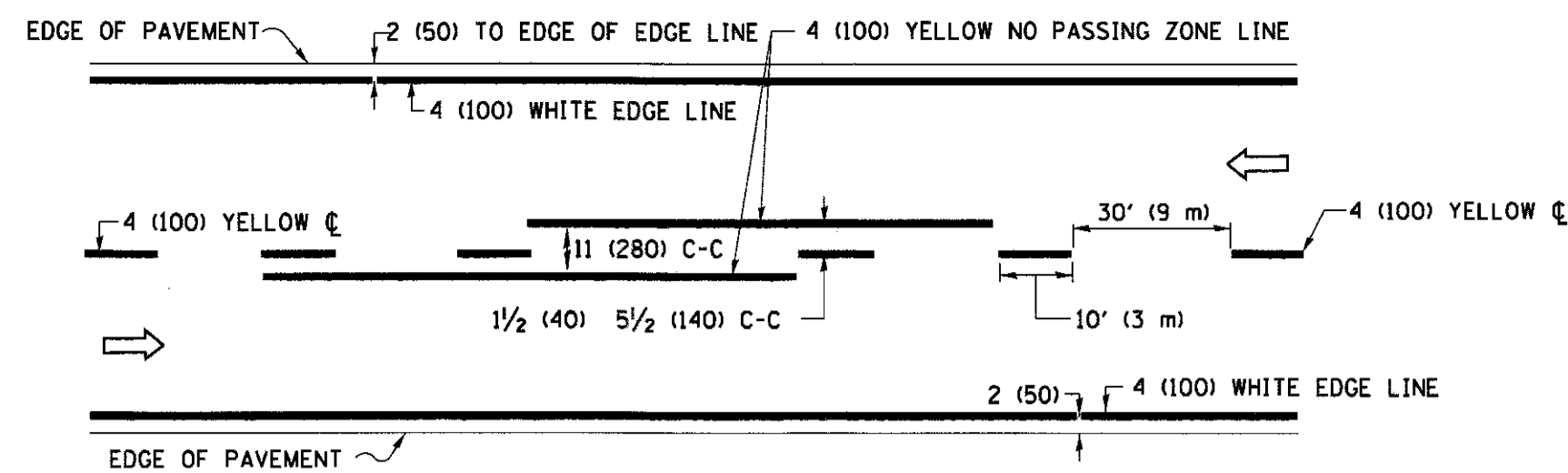


NOTES:

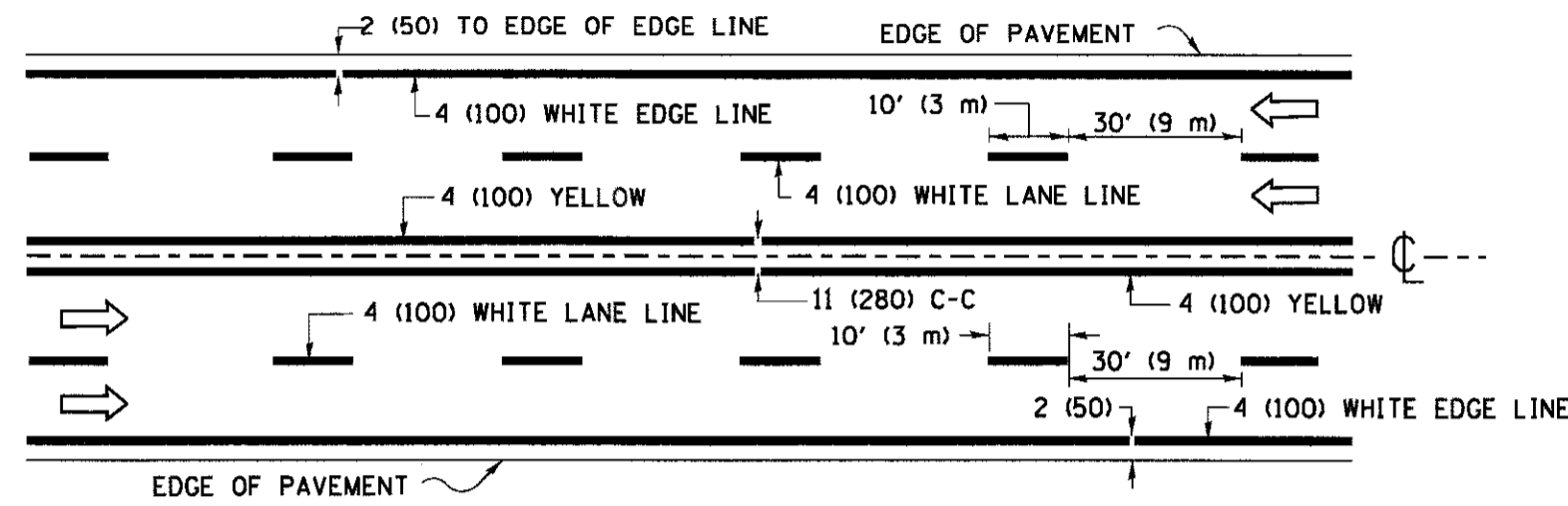
1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in Inches (millimeters) unless otherwise shown.

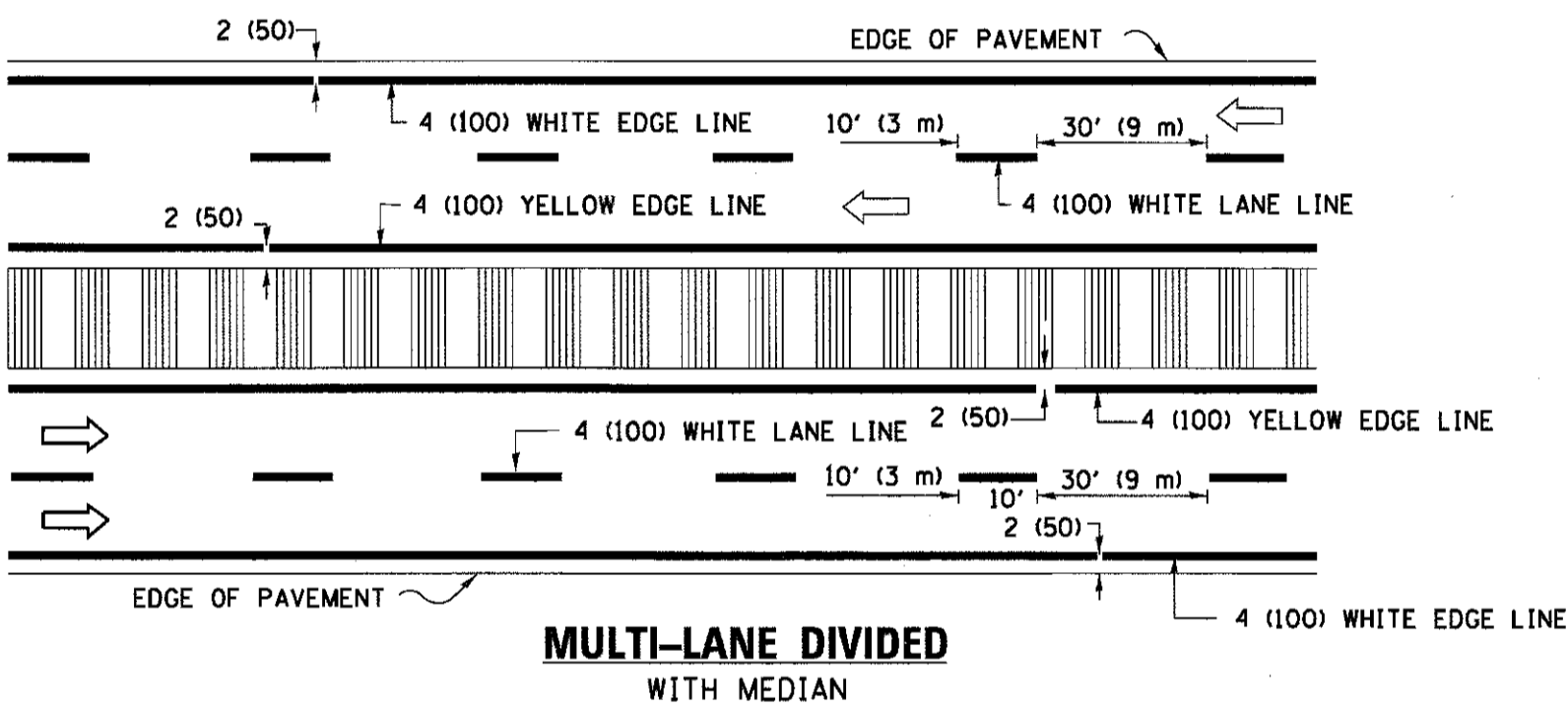
FILE NAME =	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
per\N\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist	DRAWN\CADDData\CADsheets\tcl12.dgn	CHECKED -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	1340	12-00059-00-BR	COOK	93 79
Default	PLOT SCALE = 50.000' / in.	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13					TC-10			CONTRACT NO. 61079		
	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16					ILLINOIS FED. AID PROJECT					



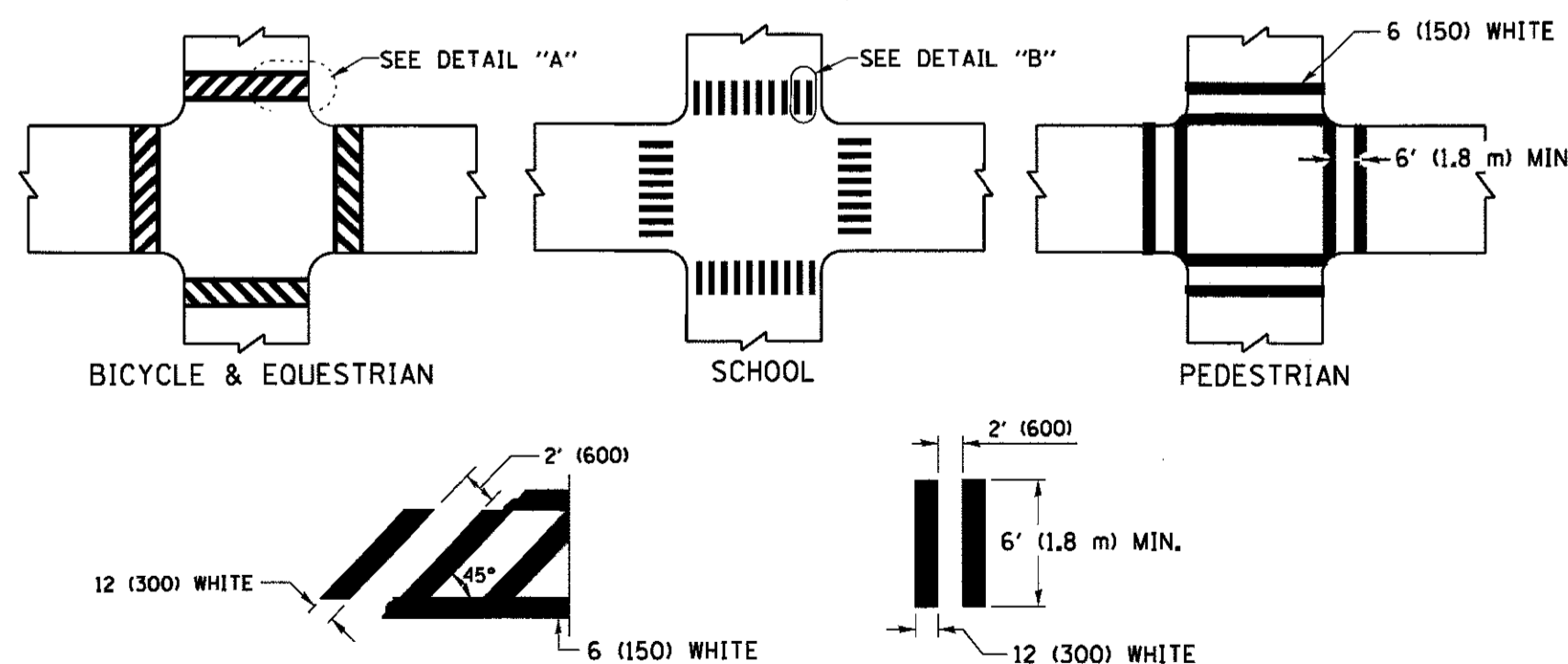
2-LANE ROADWAY



MULTI-LANE UNDIVIDED



TYPICAL LANE AND EDGE LINE MARKING

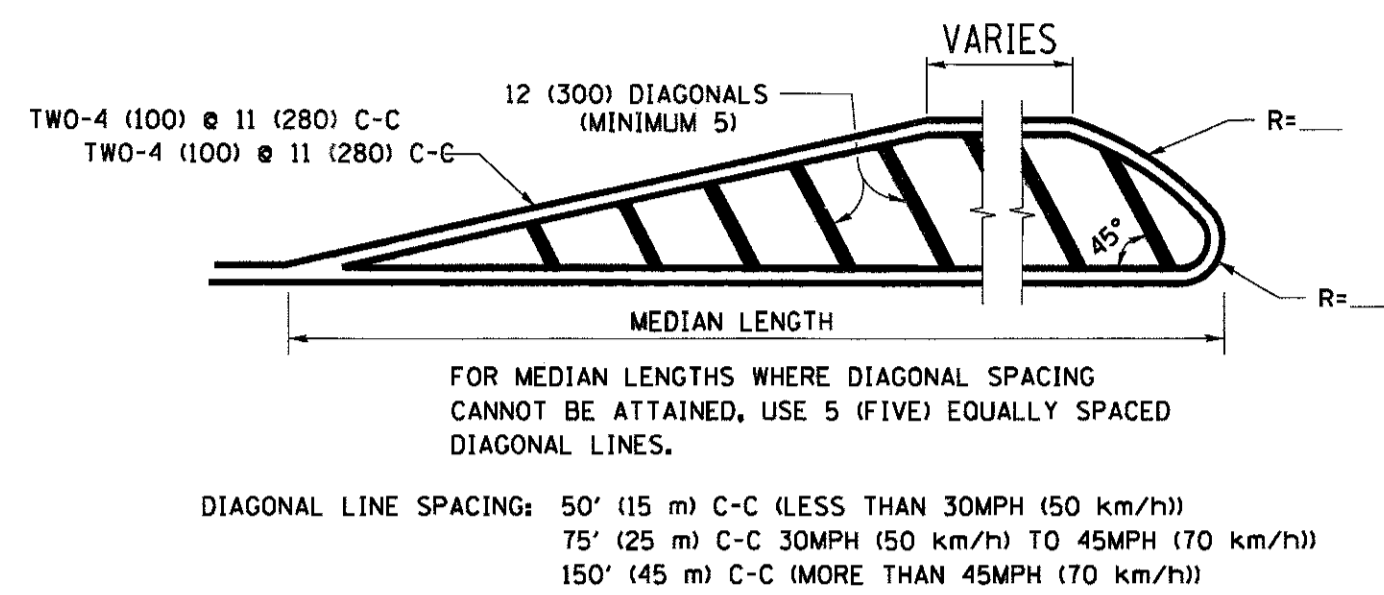
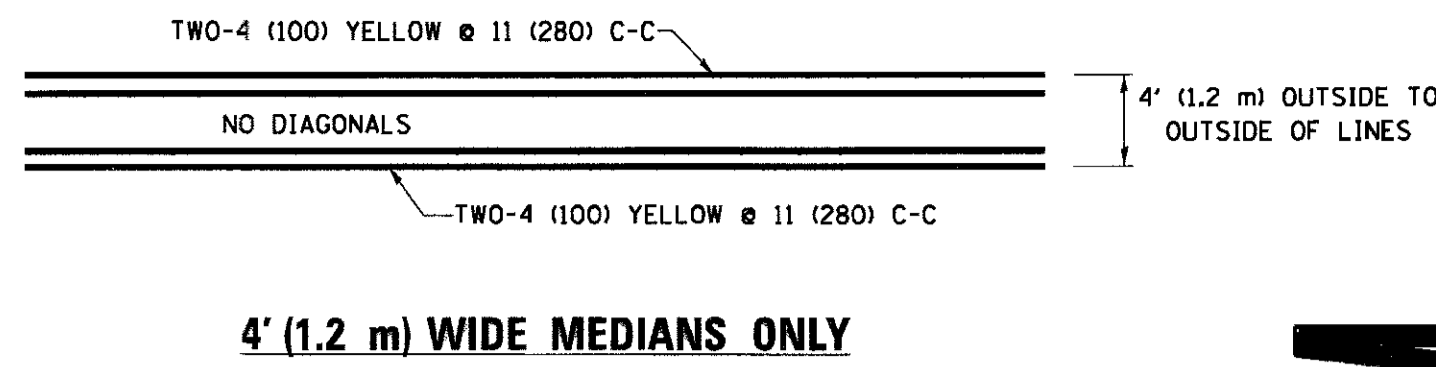


DETAIL "A"

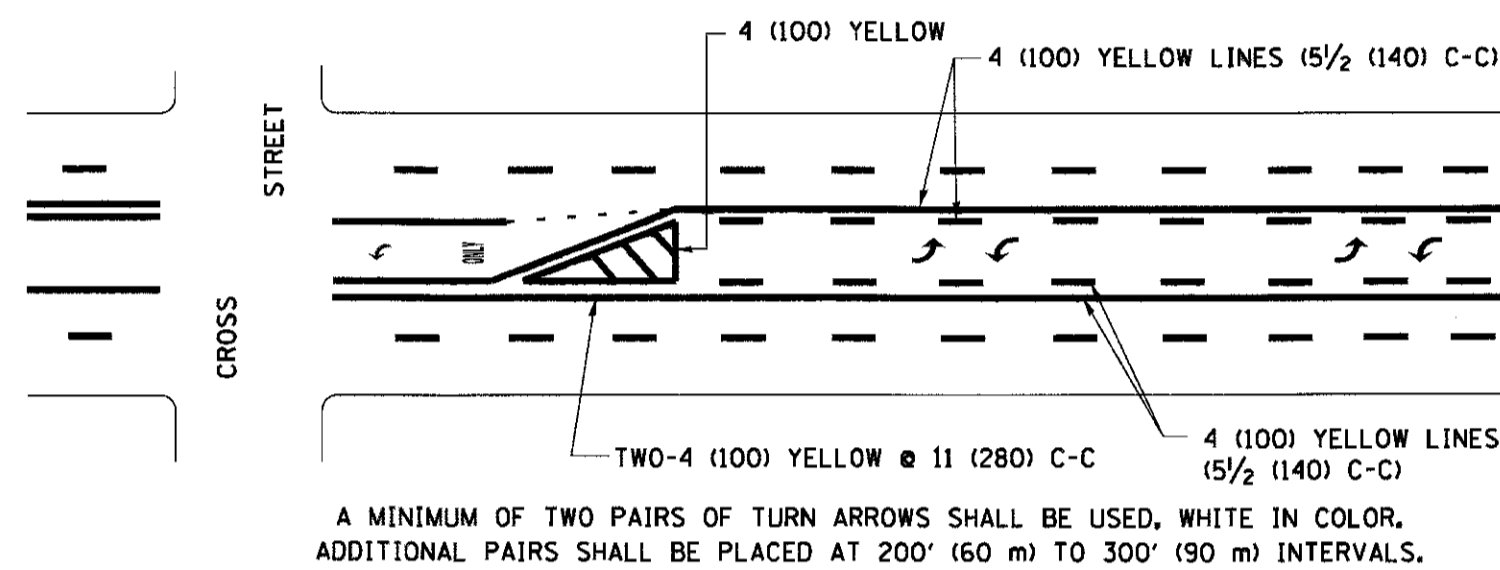
DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

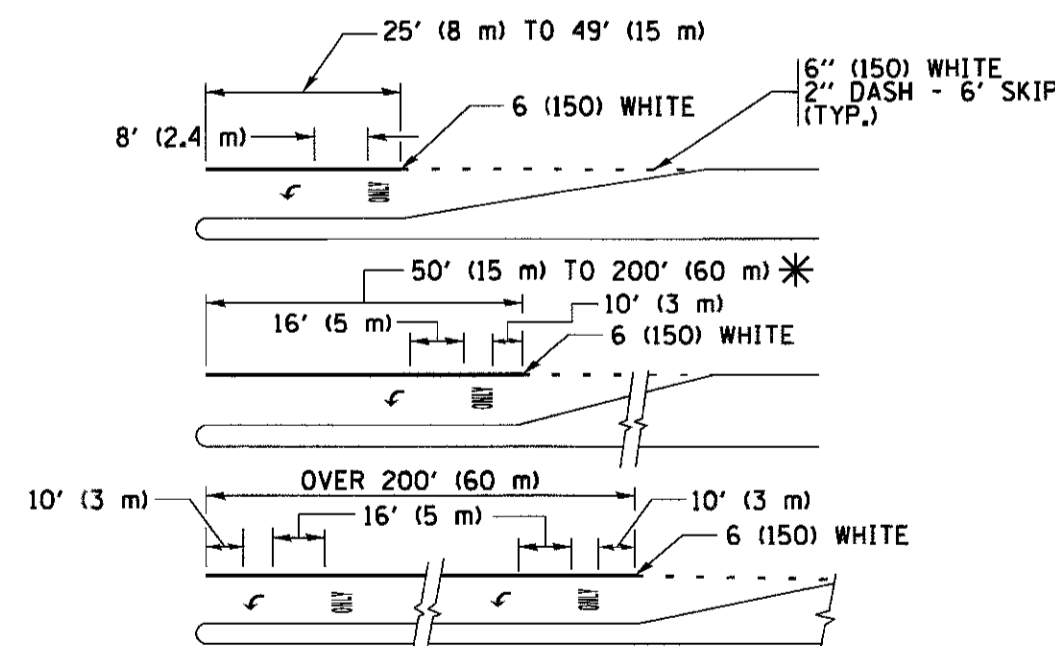


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

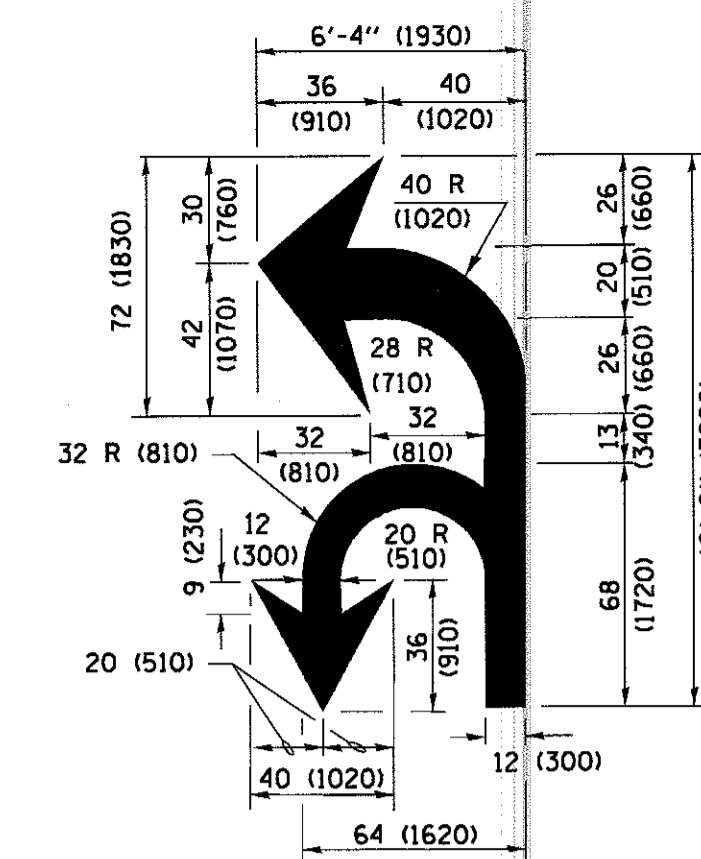
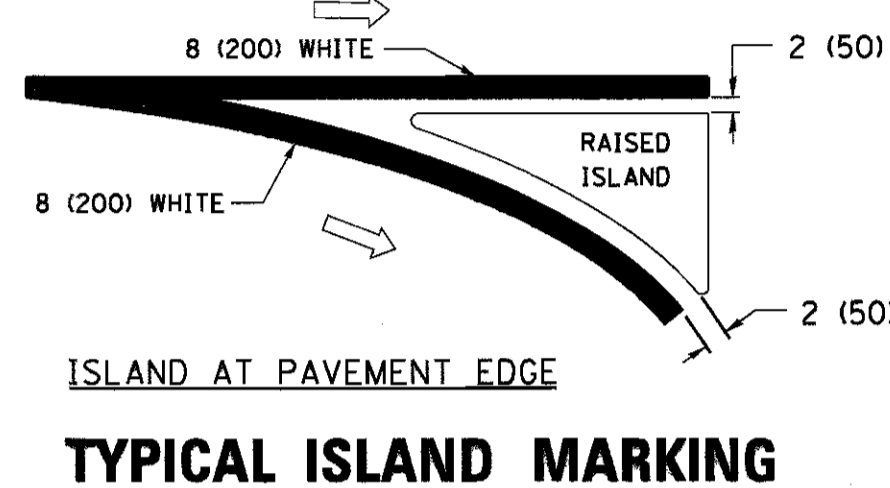
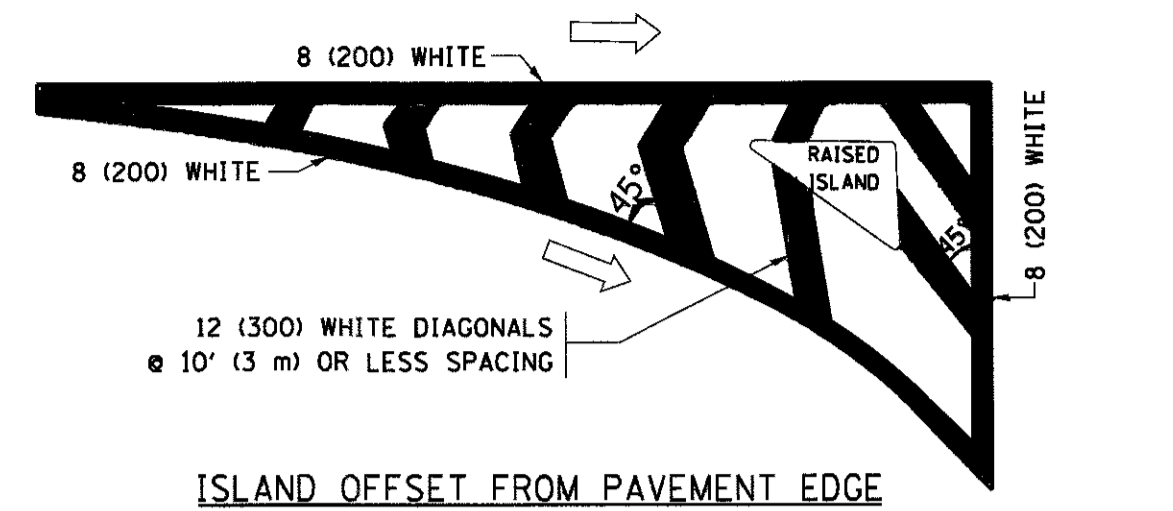


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

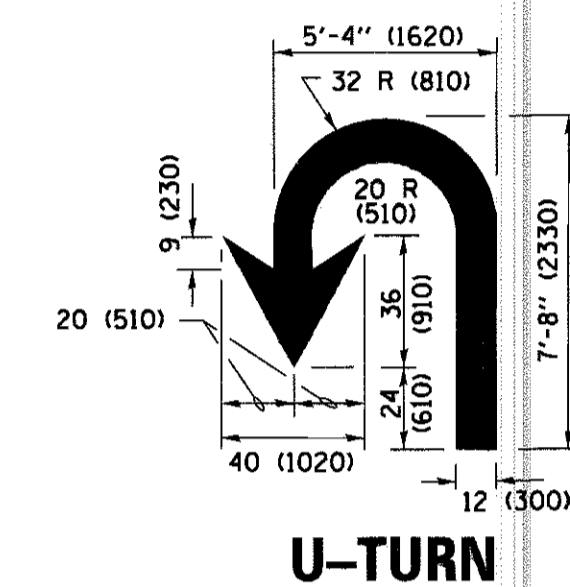
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



COMBINATION LEFT AND U-TURN



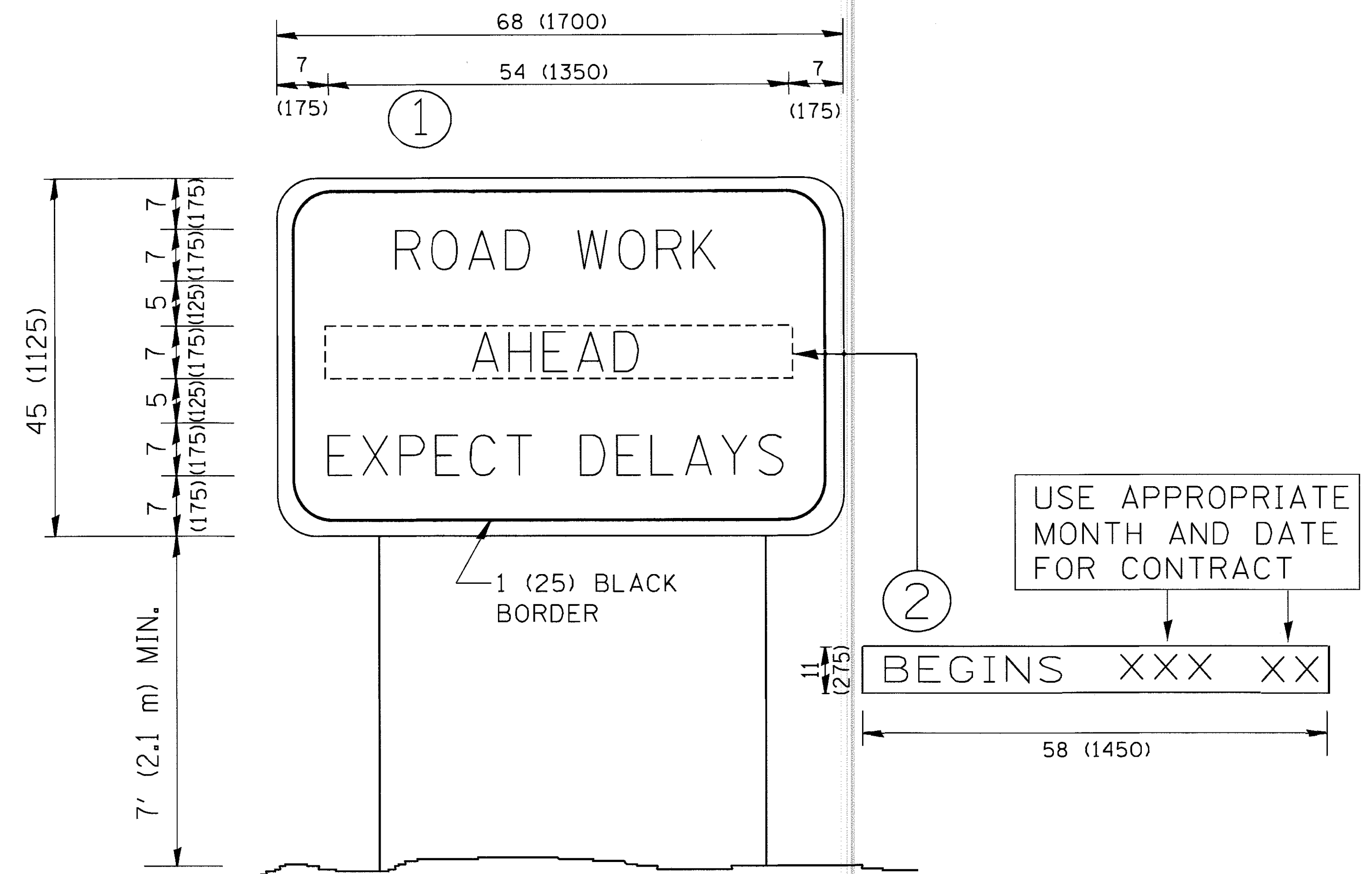
LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.



NOTES:

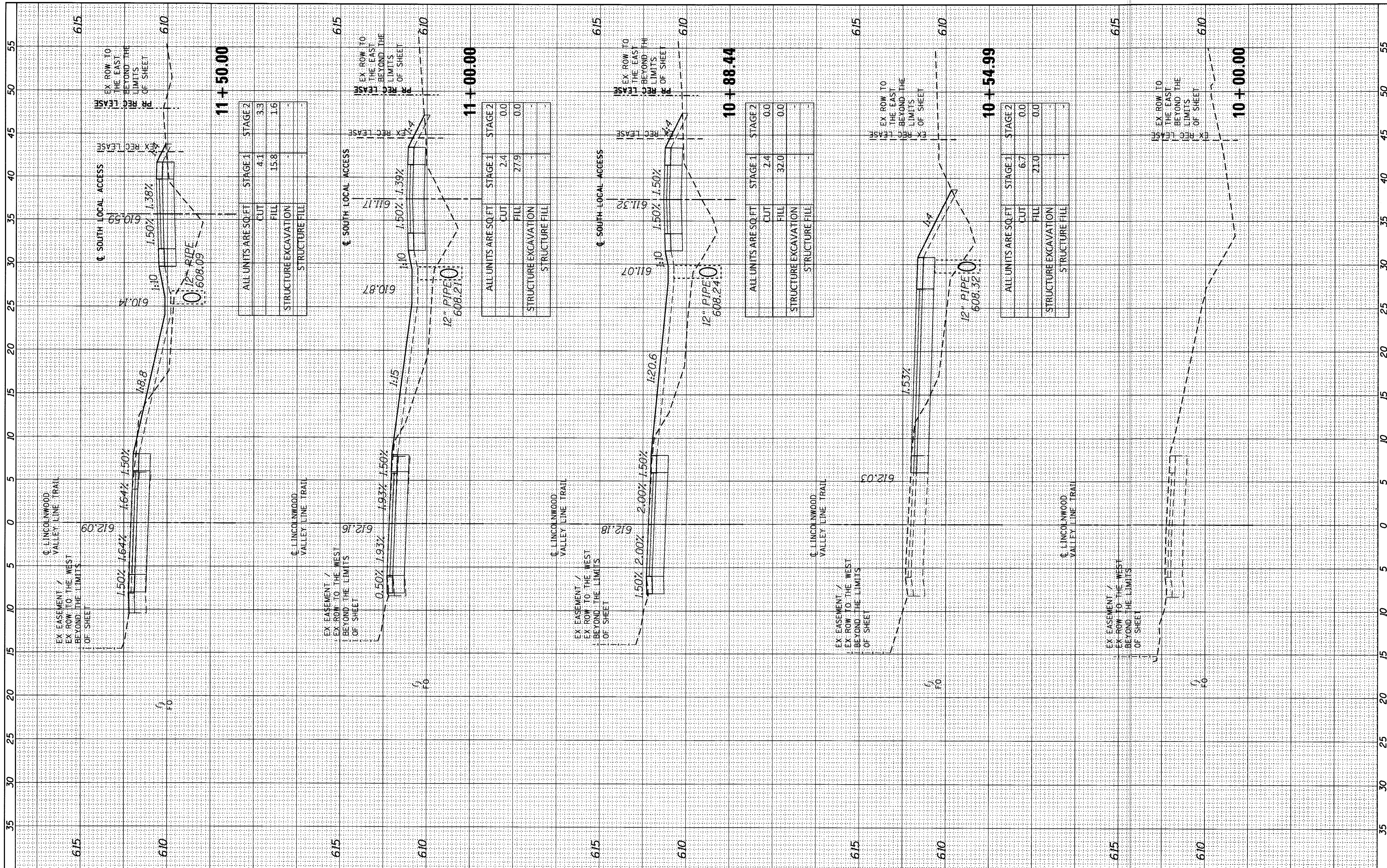
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gegl.enobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN		F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 82	
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22		CONTRACT NO. 61097	
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED - C. JUCIUS 01-31-07									

FINAL SURVEY NOTE BOOK NO. BY DATE

ORIGINAL SURVEY NOTE BOOK NO. BY DATE



FILE NAME = 26934-ght-XS

USER NAME = B291
 PLOT SCALE = 5,000.00 / in.
 PLOT DATE = 5/26/2017

DESIGNED - T.H.G.
 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

REVISED -
 REVISED -
 REVISED -
 REVISED -

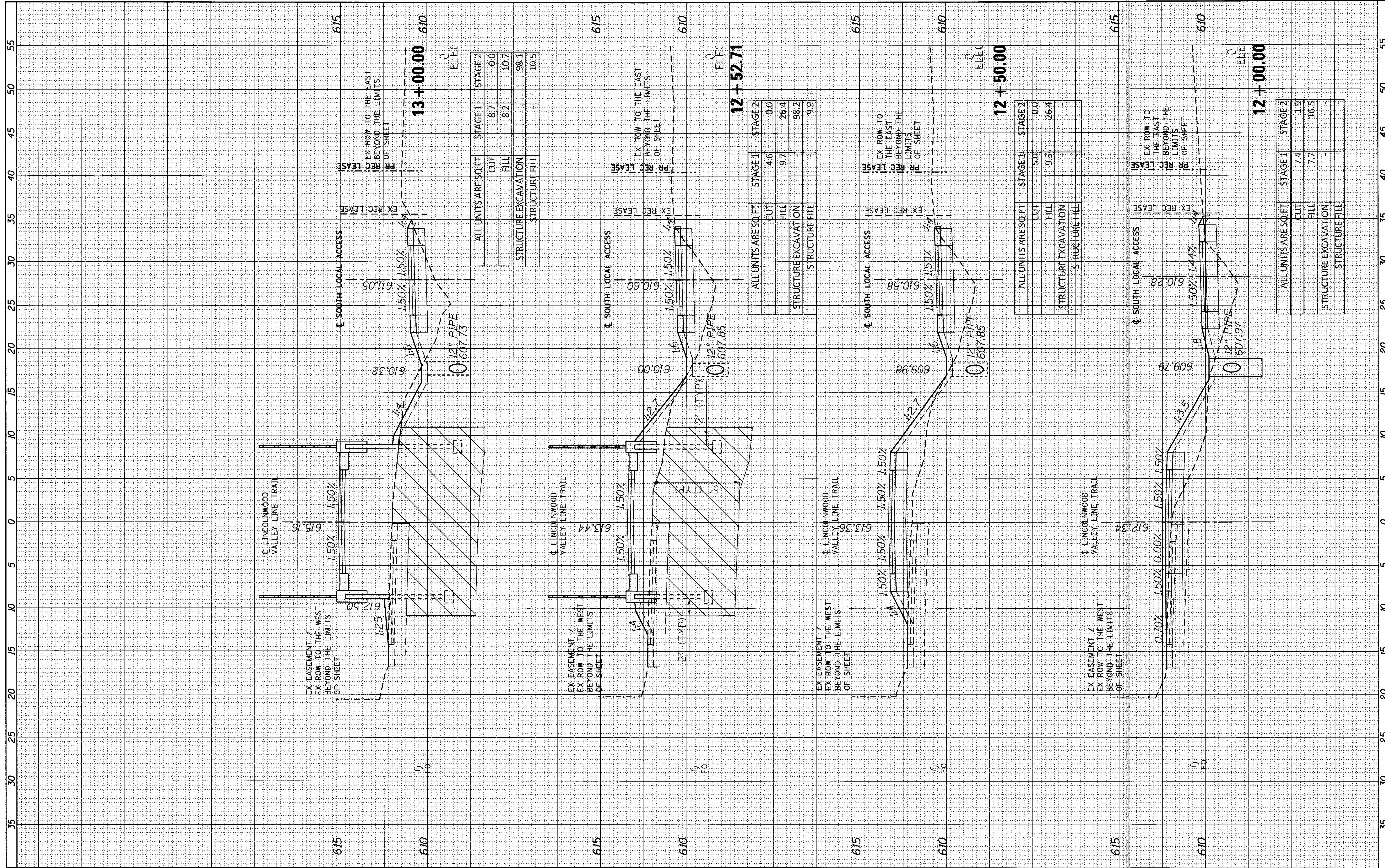
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS
 SCALE: 1"=5', 1"=2.5' SHEET 1 OF 11 SHEETS STA. 10+00.00 TO STA. 11+50.00

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 83
CONTRACT NO. 61D97				ILLINOIS FED. AID PROJECT

FINAL SURVEY
 SURVEYED _____ BY _____ DATE _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

ORIGINAL SURVEY
 SURVEYED _____ BY _____ DATE _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



FILE NAME = 26934-sht-XS
 USER NAME = 8291
 DESIGNED - T.H.G.
 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 5/26/2017

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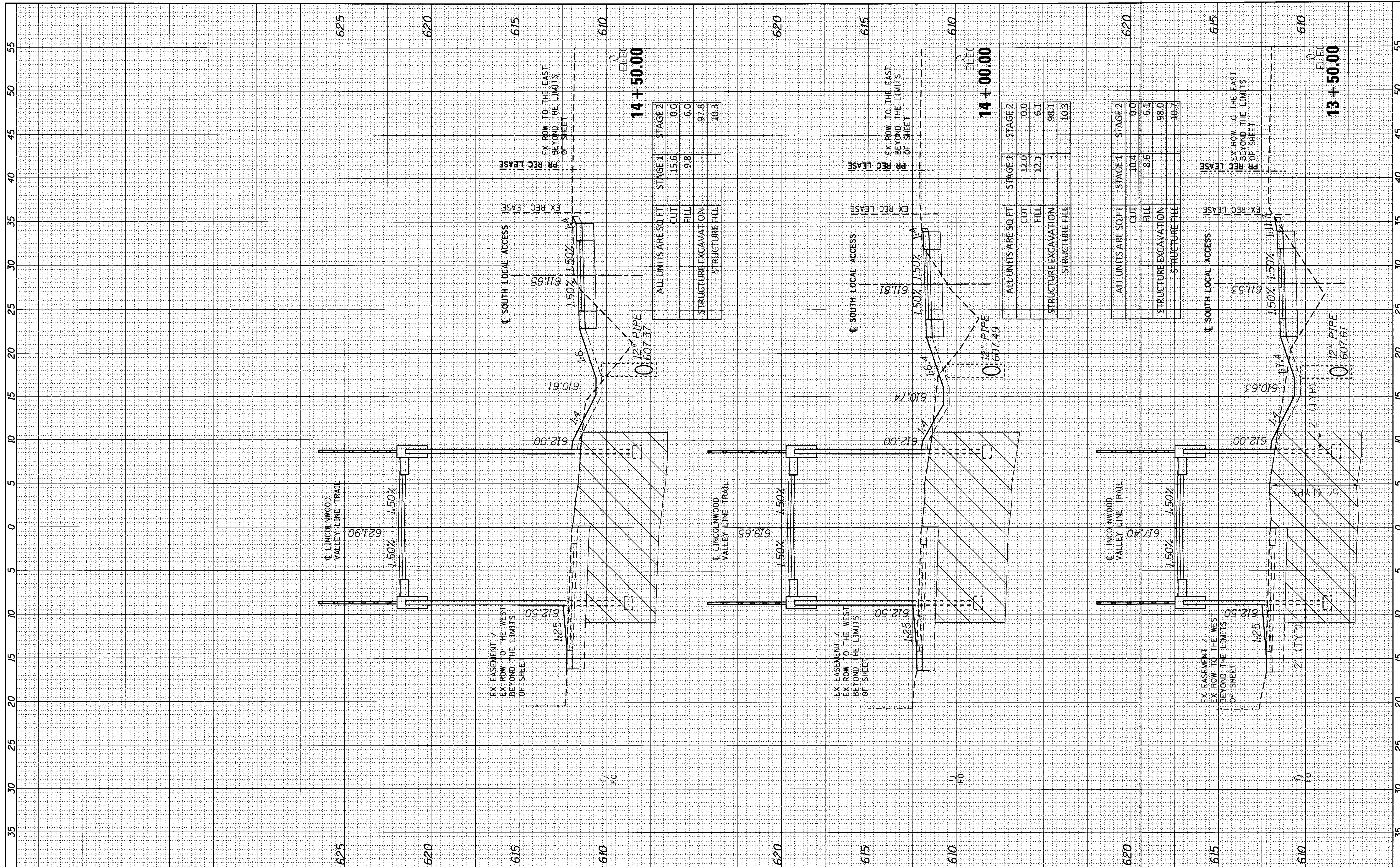
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS
 SCALE: 1"=5', 1"=2.5' SHEET 2 OF 11 SHEETS STA. 12+00.00 TO STA. 13+00.00

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 84
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		
AREAS CHECKED		



FILE NAME = 26934-sht-XS
 Default

USER NAME = 8291
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 5/26/2017

DESIGNED - T.H.G.
 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

REVISED -
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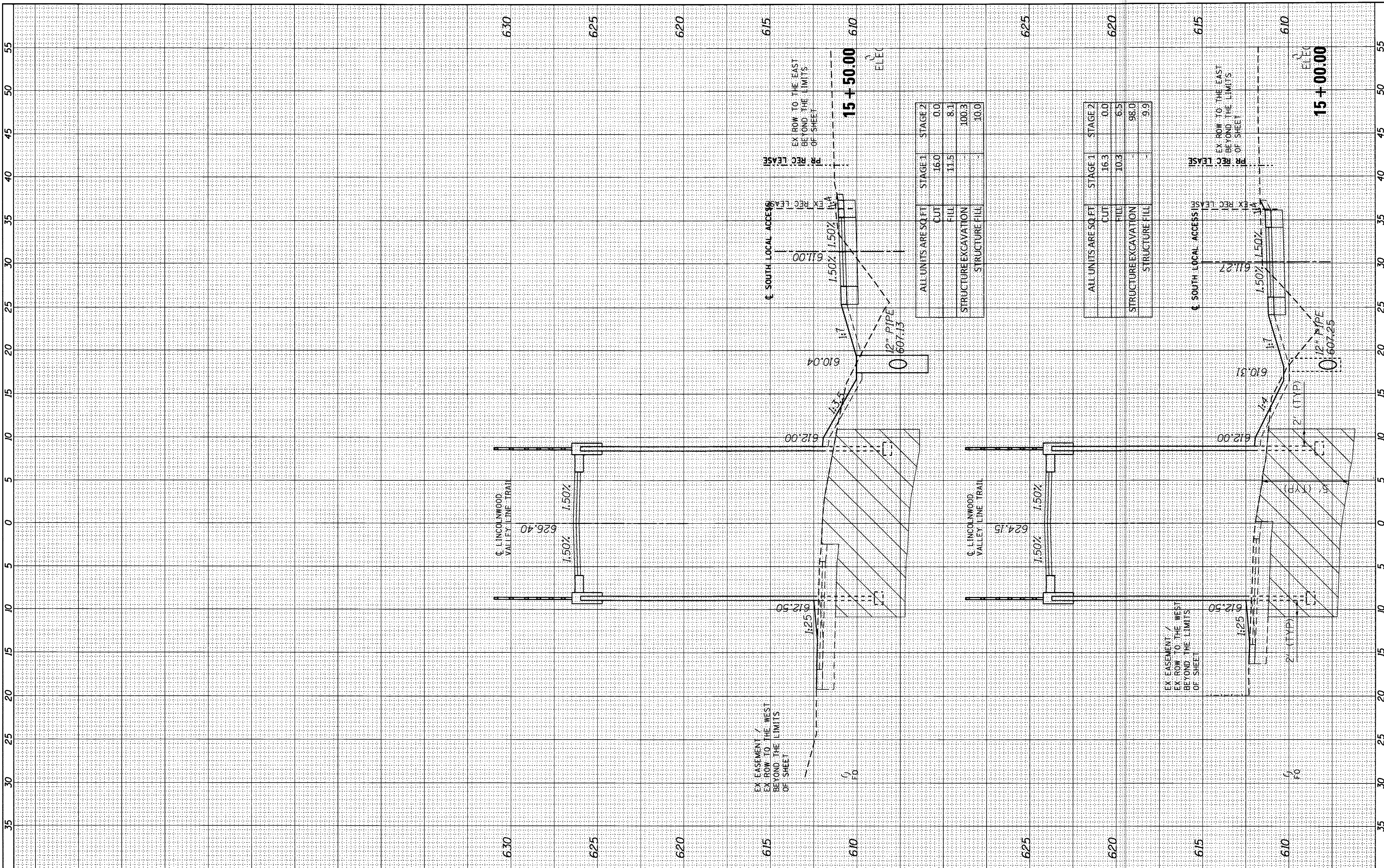
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS**
 SCALE: 1"=5', 1"=2.5' SHEET 3 OF 11 SHEETS STA. 13+50.00 TO STA. 14+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	85
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
TEMP. DATE		
AREAS		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
TEMP. DATE		
AREAS		
AREAS CHECKED		
NO.		

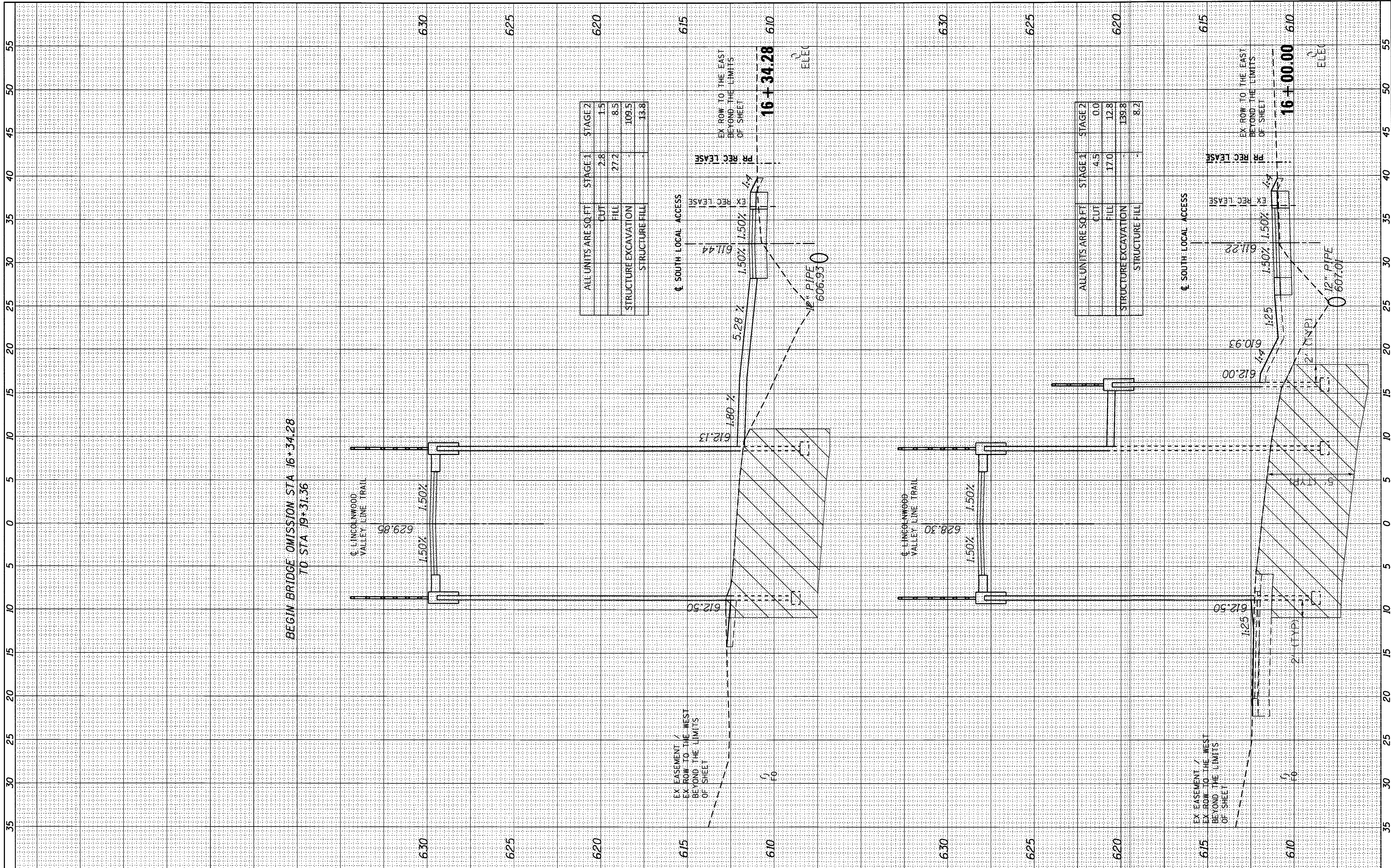


ALL UNITS ARE SQ. FT.		STAGE 1	STAGE 2
CUT		16.0	0.0
FILL		11.5	8.1
STRUCTURE EXCAVATION			100.3
STRUCTURE FILL			10.0

ALL UNITS ARE SQ. FT.		STAGE 1	STAGE 2
CUT		16.3	0.0
FILL		10.3	6.5
STRUCTURE EXCAVATION			98.0
STRUCTURE FILL			9.9

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK NO.		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK NO.		
AREAS CHECKED		



ALL UNITS ARE SQ. FT.	STAGE 1	STAGE 2
CUT	2.8	1.5
FILL	27.2	8.5
STRUCTURE EXCAVATION		109.5
STRUCTURE FILL		13.8

ALL UNITS ARE SQ. FT.	STAGE 1	STAGE 2
CUT	4.5	0.0
FILL	17.0	12.8
STRUCTURE EXCAVATION		139.8
STRUCTURE FILL		8.2

FILE NAME = 26934-sht-XS
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 5/26/2017

USER NAME = 8291
 DESIGNED - T.H.G.
 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

REVISED -
 REVISED -
 REVISED -
 REVISED -

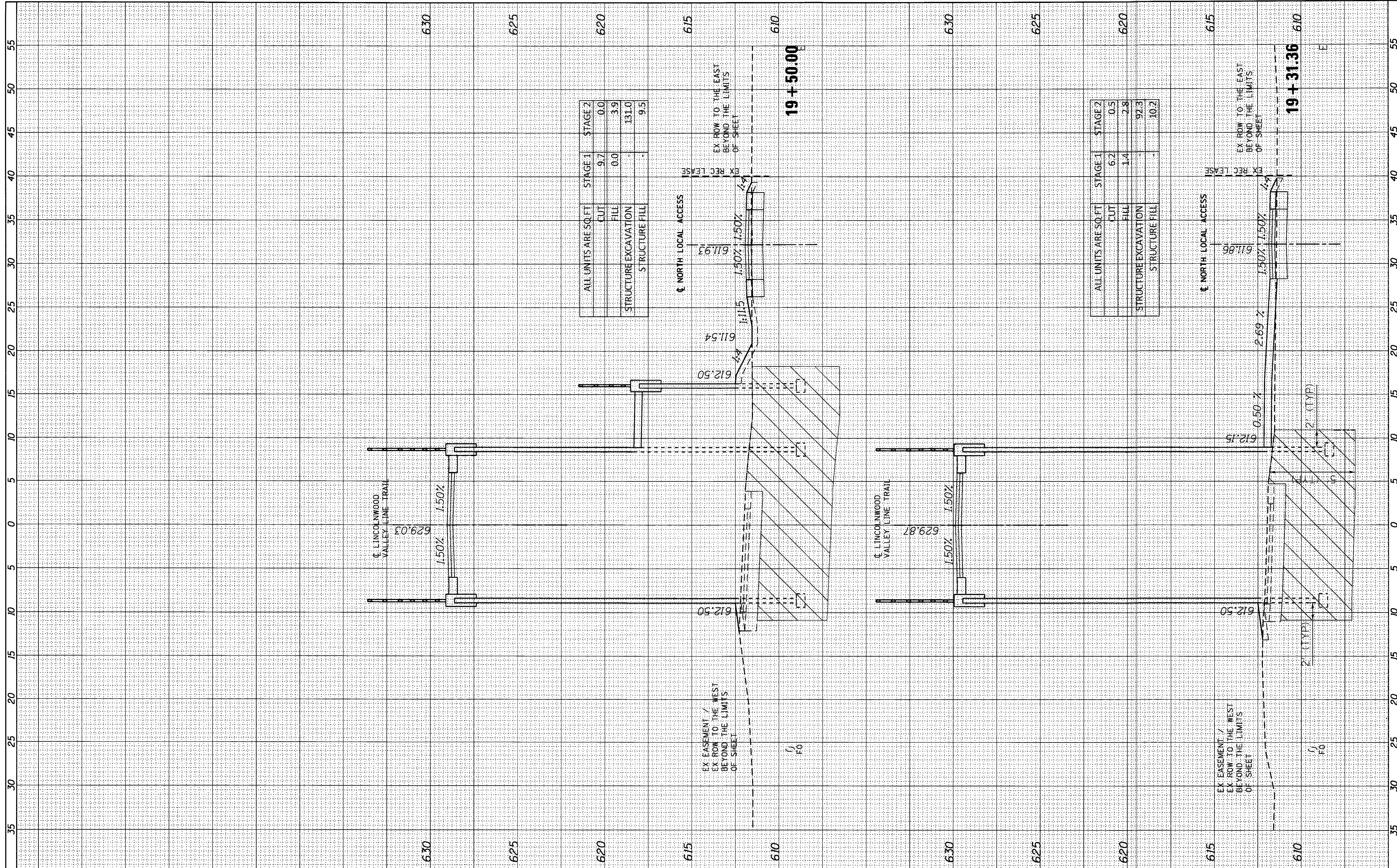
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS
 SCALE: 1"=5', 1"=2.5' SHEET 5 OF 11 SHEETS STA. 16+00.00 TO STA. 16+34.28

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	87
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		
AREAS CHECKED		



ALL UNITS ARE SQ. FT.		
	STAGE 1	STAGE 2
CUT	9.7	0.0
FILL	0.0	3.9
STRUCTURE EXCAVATION		131.0
STRUCTURE FILL		9.5

ALL UNITS ARE SQ. FT.		
	STAGE 1	STAGE 2
CUT	6.2	0.5
FILL	1.4	2.8
STRUCTURE EXCAVATION		92.3
STRUCTURE FILL		10.2

FILE NAME = 26934-sht-XS
 Default

USER NAME = 8291
 PLOT SCALE = 5.0000' / in.
 PLOT DATE = 5/26/2017

DESIGNED - T.H.G.
 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

REVISED -
 REVISED -
 REVISED -
 REVISED -

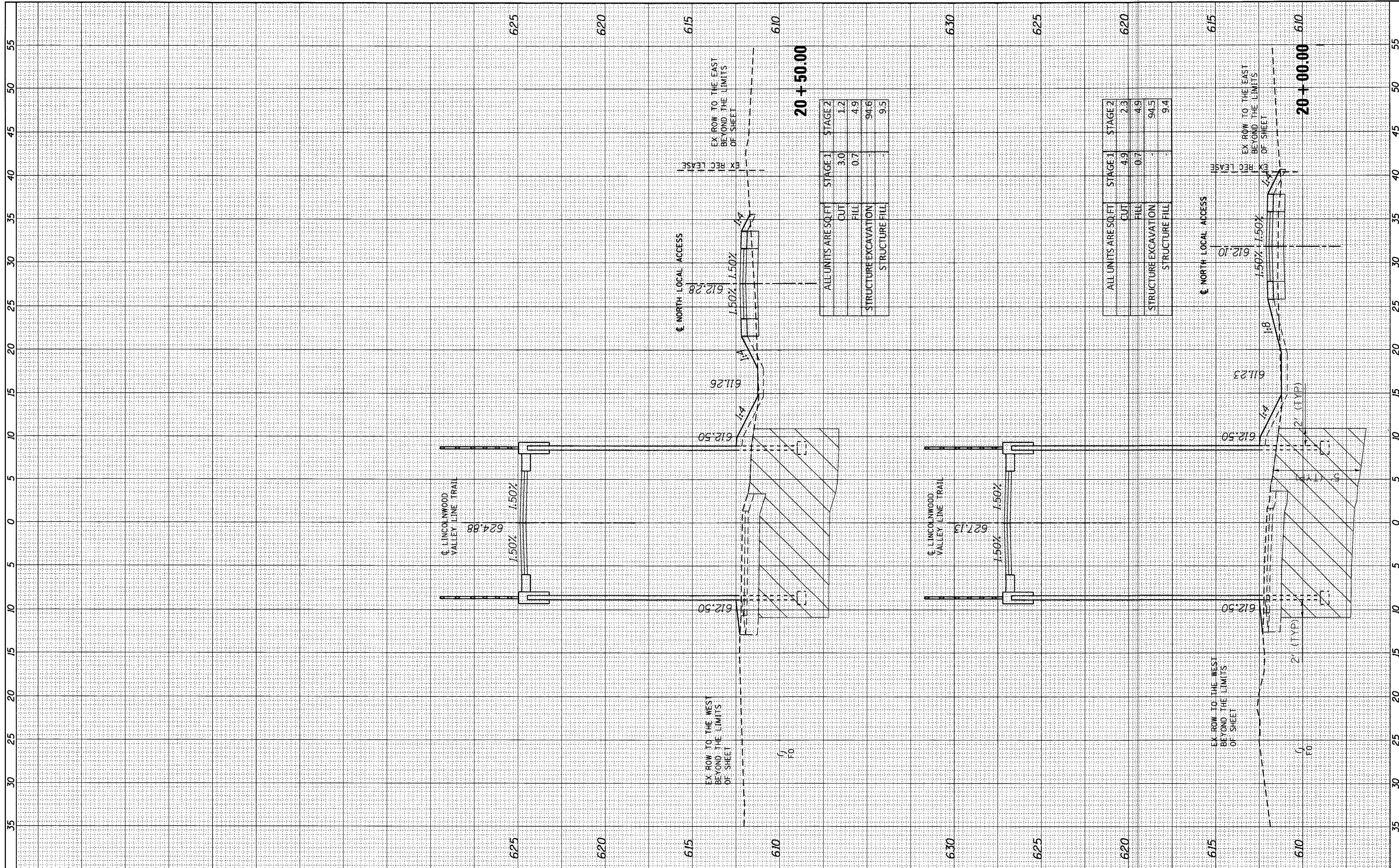
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS**
 SCALE: 1"=5', 1"=2.5' SHEET 6 OF 11 SHEETS STA. 19+31.36 TO STA. 19+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	88
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	TEMP. DATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED BY	DATE
NOTE BOOK NO.	TEMP. DATE	
	AREAS CHECKED	



FILE NAME = 26934-aht-XS
 PLOT SCALE = 5.0000' / 1"
 PLOT DATE = 5/26/2017

USER NAME = 8291
 DESIGNED - T.H.G.
 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

REVISED -
 REVISED -
 REVISED -
 REVISED -

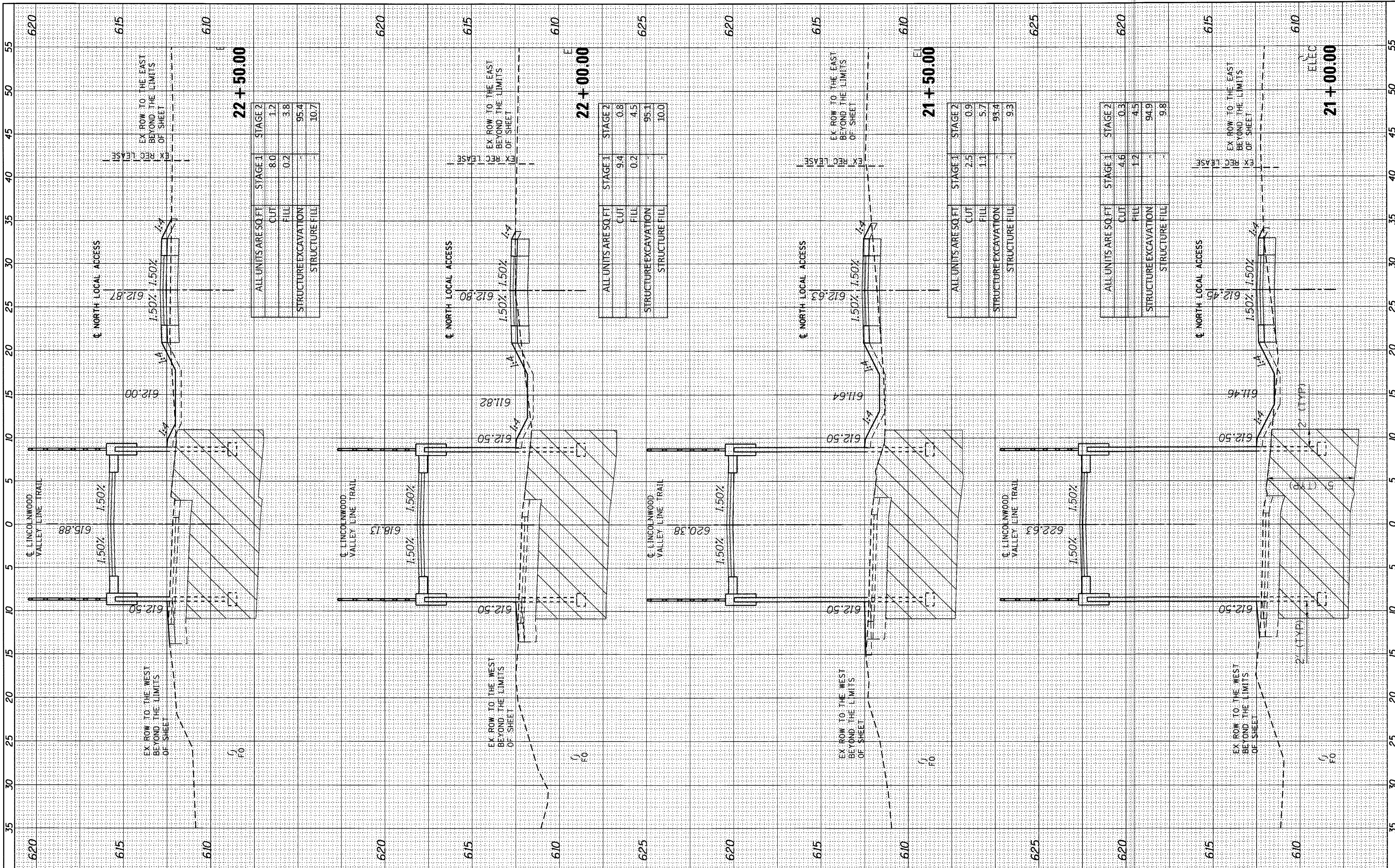
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS**
 SCALE: 1"=5', 1"=2.5' SHEET 7 OF 11 SHEETS STA. 20+00.00 TO STA. 20+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	89
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY PLOTTED DATE BY DATE SURVEYED PLOTTED DATE BY DATE
 NO. NO. AREAS CHECKED AREAS CHECKED

ORIGINAL SURVEY PLOTTED DATE BY DATE SURVEYED PLOTTED DATE BY DATE
 NO. NO. AREAS CHECKED AREAS CHECKED



FILE NAME = 26934-sh1-XS
 USER NAME = 8291
 PLOT SCALE = 5.0000' / 1" = 50.0000'
 PLOT DATE = 5/26/2017

DESIGNED - T.H.G.
 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

REVISED -
 REVISED -
 REVISED -
 REVISED -

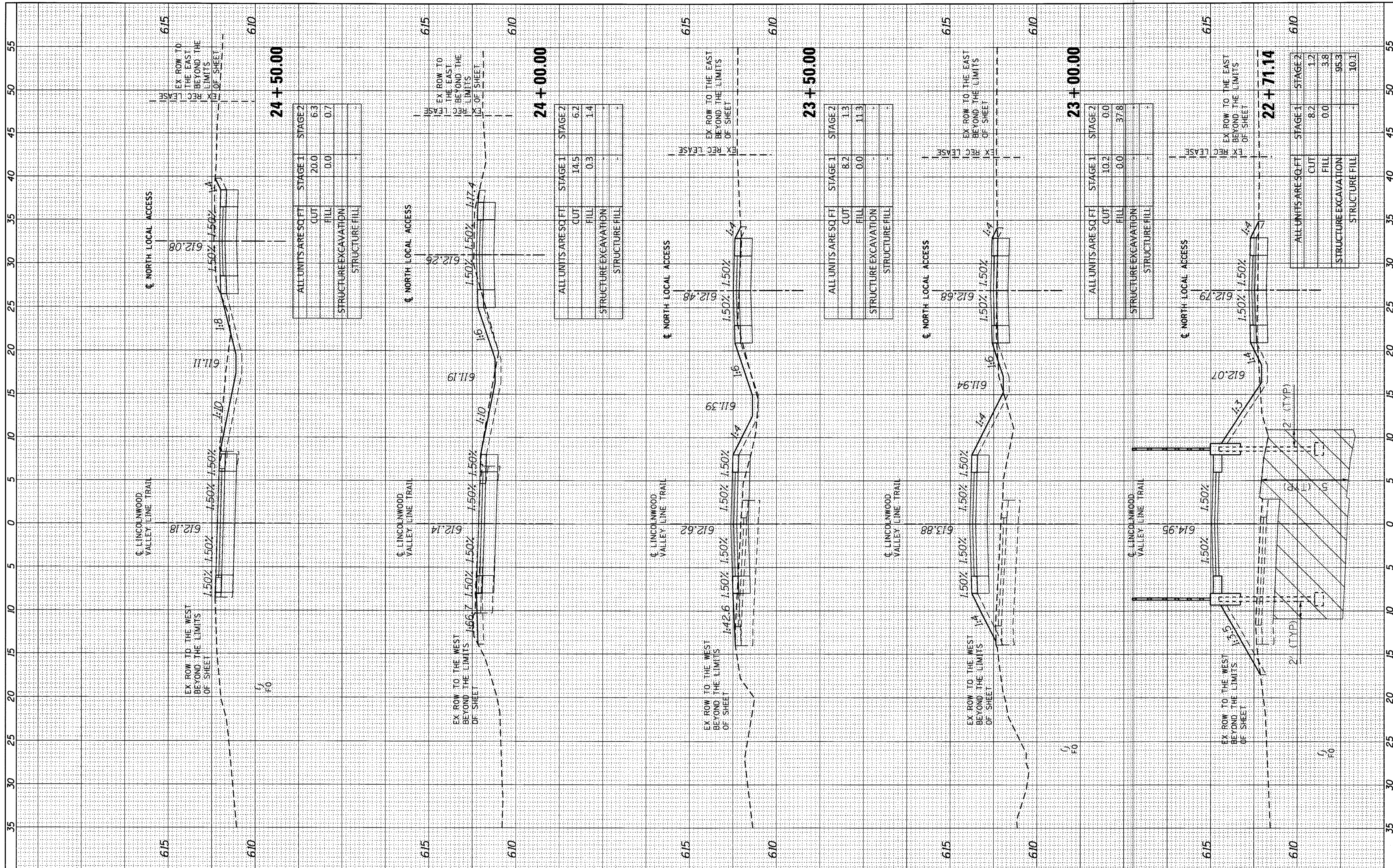
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS
 SCALE: 1"=5', 1"=2.5' SHEET 8 OF 11 SHEETS STA. 21+00.00 TO STA. 22+50.00

F.A.U. RTE. 1340	SECTION 12-00059-00-BR	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61D97	

FINAL SURVEY NO. _____ BY _____ DATE _____
 SURVEYED AREAS CHECKED _____
 UNRECORDED AREAS CHECKED _____
 NOTE BOOK NO. _____

ORIGINAL SURVEY NO. _____ BY _____ DATE _____
 SURVEYED AREAS CHECKED _____
 UNRECORDED AREAS CHECKED _____
 NOTE BOOK NO. _____



24 + 50.00

ALL UNITS ARE SQ FT	STAGE 1	STAGE 2
CUT	20.0	6.3
FILL	0.0	0.7
STRUCTURE EXCAVATION		
STRUCTURE FILL		

24 + 00.00

ALL UNITS ARE SQ FT	STAGE 1	STAGE 2
CUT	14.5	6.2
FILL	0.3	1.4
STRUCTURE EXCAVATION		
STRUCTURE FILL		

23 + 50.00

ALL UNITS ARE SQ FT	STAGE 1	STAGE 2
CUT	8.2	1.3
FILL	0.0	11.3
STRUCTURE EXCAVATION		
STRUCTURE FILL		

23 + 00.00

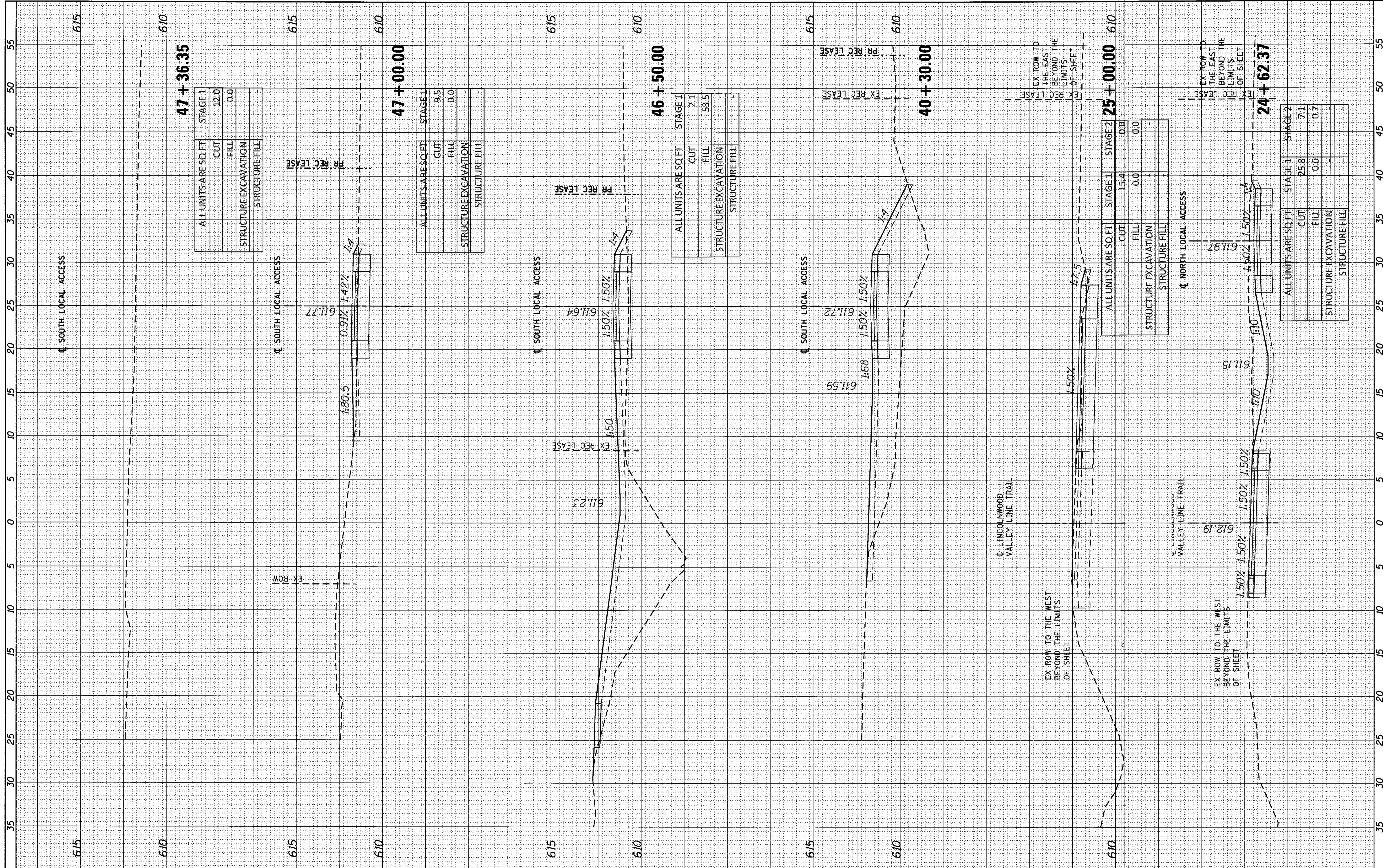
ALL UNITS ARE SQ FT	STAGE 1	STAGE 2
CUT	10.2	0.0
FILL	0.0	37.8
STRUCTURE EXCAVATION		
STRUCTURE FILL		

22 + 71.14

ALL UNITS ARE SQ FT	STAGE 1	STAGE 2
CUT	8.2	1.2
FILL	0.0	3.8
STRUCTURE EXCAVATION		95.3
STRUCTURE FILL		10.1

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
NO.		



FILE NAME =	USER NAME = 8291
26934-aht-XS	

DESIGNED -	T.H.G.	REVISED -	
DRAWN -	T.H.G.	REVISED -	
CHECKED -	D.L.D.	REVISED -	
DATE -	05-08-17	REVISED -	

PLOT SCALE =	5.0000' / in.
PLOT DATE =	5/26/2017

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

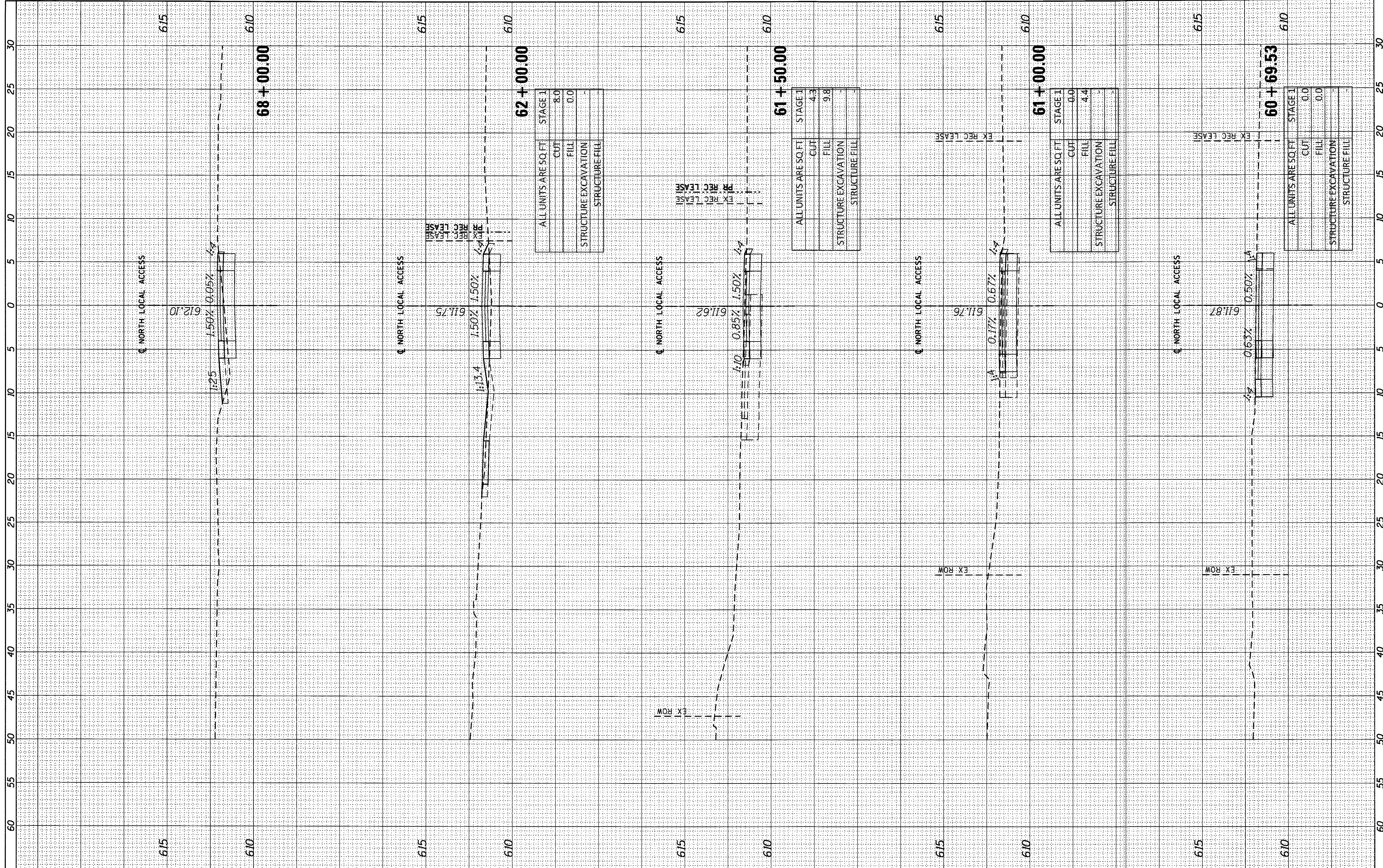
**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
PROPOSED CROSS SECTIONS**

SCALE: 1"=5', 1"=2.5' SHEET 10 OF 11 SHEETS STA. 24+62.37 TO STA. 47+36.35

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	92
				CONTRACT NO. 61D97
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
COMPILED		
TEMPLATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
COMPILED		
TEMPLATE		
AREAS CHECKED		
NO.		



FILE NAME = 26934-aht-XS
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 DRAWN - T.H.G.
 CHECKED - D.L.D.
 DATE - 05-08-17

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LINCOLNWOOD VALLEY LINE TRAIL OVERPASS
 PROPOSED CROSS SECTIONS**
 SCALE: 1"=5', 1"=2.5' SHEET 11 OF 11 SHEETS STA. 60+69.53 TO STA. 68+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1340	12-00059-00-BR	COOK	93	93
CONTRACT NO. 61D97				
ILLINOIS FED. AID PROJECT				