F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	1

CONTRACT NO. 61J67

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DATA

IL 59
POSTED SPEED LIMIT = 45 MPH (EXISTING)
DESIGN SPEED LIMIT = 50 MPH (EXISTING)
ADT =34,200 (2021)
DESIGN DESIGNATION: PRINCIPAL ARTERIAL

MADISON DRIVE
POSTED SPEED LIMIT = 25 MPH (EXISTING)
DESIGN SPEED LIMIT = 30 MPH (EXISTING)
DESIGN DESIGNATION: LOCAL

LICENSED STRUCTURAL ENGINEER
WILLIAM J. COLLETTI
081.008091
STATE OF ILLINOIS

WILLIAM J. COLLETTI, P.E., S.E.
NO. 081-008091
EXP. DATE 11/30/2024
SHEET RANGE 50 - 78

WILLIAM B. LANCASTER
062-059322
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

WILLIAM B. LANCASTER, P.E.
NO. 062-059322
EXP. DATE 11/30/23
SHEET RANGE 1 -28, 79 -90

GAURAV RAI
062-065565
LICENSED PROFESSIONAL ENGINEER OF STATE OF ILLINOIS

GAURAV RAI, P.E., P.T.O.E.
NO. 062-065565
EXP. DATE 11/30/2023
SHEET RANGE 40 - 49

FEDERAL AID PROGRAM ENGINEER: CARMEN RAMOS P.E., SCHAUMBURG, IL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

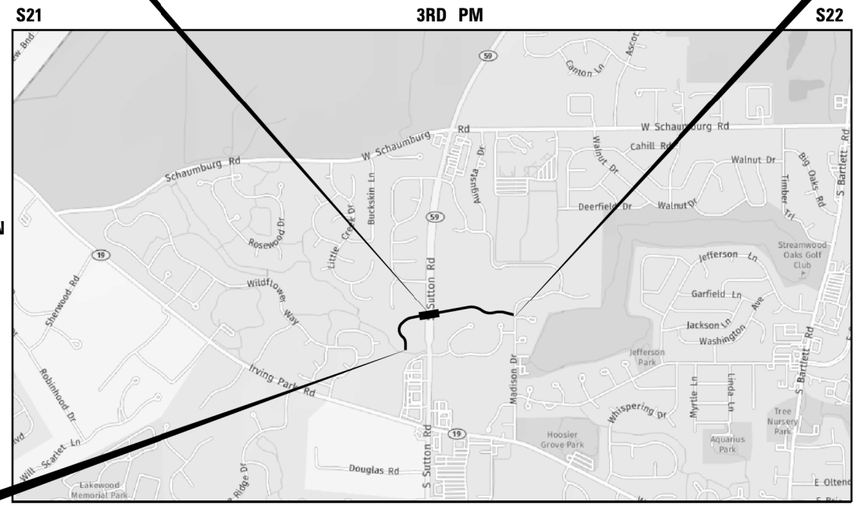
IL 59 PEDESTRIAN OVERPASS
EXISTING MULTI–USE PATH TO MADISON DRIVE
SECTION NO.: 21–00067–00–BR
PROJECT NO.: GZVA(457)
VILLAGE OF STREAMWOOD
COOK COUNTY

STRUCTURE NUMBER 016-8309
ILLINOIS ROUTE 59 AND
POPLAR CREEK

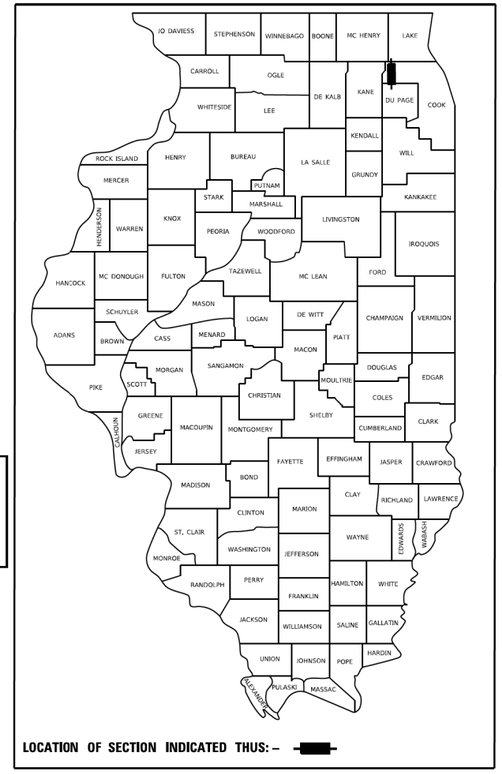
IMPROVEMENT ENDS
IL 59 PEDESTRIAN
OVERPASS BIKE PATH
STATION 122+66.71

IMPROVEMENT BEGINS
IL 59 PEDESTRIAN
OVERPASS BIKE PATH
STATION 99+94.36

C–91–104–22



S21 COOK COUNTY R9E S22



LOCATION OF SECTION INDICATED THUS: –

HANOVER TOWNSHIP-SECTION 21 AND 22

LOCATION MAP
NOT TO SCALE

GROSS AND NET LENGTH OF PROJECT
2,272.35 FEET = 0.4 MILES

100′ 200′ 300′ — 1″ = 100′
0 10′ 20′ 30′ — 1″ = 10′
50′ 100′ — 1″ = 50′
0 5′ 10′ — 1″ = 5′
0 50′ 100′ — 1″ = 40′
0 50′ 100′ — 1″ = 30′
0 50′ 100′ — 1″ = 20′

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

CONTRACT NO. 61J67

TRANSYSTEMS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED ON: MAY 24TH, 2023
VILLAGE OF STREAMWOOD, VILLAGE ENGINEER

PASSED June 1, 2023
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW June 1, 2023
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

1 07/12/2023

INDEX OF SHEETS

IDOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
515001-04	NAME PLATE FOR BRIDGES
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
825021-04	LIGHTING CONTROLLER BASE MOUNTED, 240V

IDOT DISTRICT 1 DETAILS

TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS

GENERAL NOTES

1. ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE STANDARD SPECIFICATIONS.

2. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. THE ENGINEER SHALL VERIFY THE CONTRACTOR'S LINE AND GRADE STAKES. IF THERE ARE DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, THE CONTRACTOR MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT THEIR OWN RISK AND IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.

4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF STREAMWOOD AT 630-736-3850 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).

5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

6. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, THEIR AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

7. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE BIKE PATH CENTERLINE.

8. WHEN REMOVING CURB AND GUTTER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE THE UNDERGROUND PUBLIC OR PRIVATE UTILITIES WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.

9. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

UTILITIES NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

2. THE LOCATION OF EXISTING UNDERGROUND DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH ARTICLES 105.07 AND 107.20.

4. ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.

5. THE CONTRACTOR SHALL USE NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

6. THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, FIRE HYDRANTS AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE VILLAGE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.

7. ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.

TRAFFIC CONTROL

1. SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.

COMMITMENTS

TREES THREE INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT SHALL NOT BE CLEARED BETWEEN APRIL 1 THROUGH OCTOBER 31.

MODEL: General Notes
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TRANSYSTEMS

USER NAME = lmnainggolan	DESIGNED -	REVISED 1 07/12/23	
	DRAWN -	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 7/12/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 PEDESTRIAN OVERPASS
INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	2
		CONTRACT NO. 61J67		
		ILLINOIS	FED. AID PROJECT	

		CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP / TAP-L			STP
						80% FED /20% LOCAL	80% FED / 20% LOCAL	80% FED /20% LOCAL	80% FED / 20% LOCAL
						MULTI-USE PATH	BRIDGE	TRAINEES	MULTI-USE PATH
						0028	0028	0042	0028
						URBAN	URBAN	URBAN	URBAN
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12		12		
		67100100	MOBILIZATION	L SUM	1.0		1.0		
1		70107025	CHANGEABLE MESSAGE SIGN	CAL DA	10	10			
		70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1.0	1.0			
#		72000100	SIGN PANEL - TYPE 1	SQ FT	18	18			
#		72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	26	26			
#		72900100	METAL POST - TYPE A	FOOT	13	13			
#		80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1			
#		80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1			
#		81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	120	120			
#		81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	1,280	630	650		
#		81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	1,410	780	630		
#		81200100	CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., GALVANIZED STEEL	FOOT	20		20		
#		81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	20	20			
#		81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	1	1			
#		81300900	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 16" X 6"	EACH	6		6		
#		81300980	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8" X 8" X 6"	EACH	4		4		
#		81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	45	45			
#		81603020	UNIT DUCT, 600V, 3-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	45	45			
#		81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,380	1,720	660		
#		81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	5,050	2,800	2,250		

SPECIALTY ITEM

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PLOT DATE = 7/12/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 PEDESTRIAN OVERPASS
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 3 OF 5 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	5
		CONTRACT NO. 61J67		
		ILLINOIS	FED. AID PROJECT	

		CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ITEP / TAP-L			STP
						80% FED /20% LOCAL	80% FED / 20% LOCAL	80% FED /20% LOCAL	80% FED / 20% LOCAL
						MULTI-USE PATH	BRIDGE	TRAINEES	MULTI-USE PATH
						0028	0028	0042	0028
						URBAN	URBAN	URBAN	URBAN
#		81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	2,380	1,720	660		
#		81702460	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0	FOOT	130	130			
#		82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1	1			
#		A2002520	TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	10	10			
#		A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	14	14			
#		A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	16	16			
#		A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	25	25			
		X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	2,020		2,020		
		X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	6		6		
		X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	8,778		8,778		
#		X0326672	PEDESTRIAN BRIDGE LIGHTING SYSTEM	L SUM	1		1		
		X0326806	WASHOUT BASIN	L SUM	1	1			
		X0327997	TRASH RECEPTACLES	EACH	2	2			
#		X1400238	LUMINAIRE, LED, SPECIAL	EACH	20	20			
#		X1400494	AESTHETIC LED STRIP LIGHT, 4W/FT, WHITE	FOOT	72		72		
#		X1400496	AESTHETIC LED STRIP LIGHT DRIVER - 24V POWER SUPPLY	EACH	4		4		
#		X1900003	SEEDING, CLASS 5B (MODIFIED)	ACRE	2.8	2.8			
#		X2111230	PLANTING SOIL MIX FURNISH AND PLACE, 30"	SQ YD	91	91			
1		X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	40	40			
#		X2502024	SEEDING, CLASS 4B (MODIFIED)	ACRE	3.2	3.2			

SPECIALTY ITEM

TRANSYSTEMS

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	DRAWN -	REVISED -	
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PLOT DATE = 6/7/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 PEDESTRIAN OVERPASS
SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 4 OF 5 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	6
		CONTRACT NO. 61J67		
		ILLINOIS FED. AID PROJECT		

MATCH LINE STA. 108+50
SEE SHEET NO. 17

EX AERIAL LINES TO BE RELOCATED BY OTHERS

EX ℄ IL 59

110+00

EX WETLANDS

SOUTHBOUND IL ROUTE 59

NORTHBOUND IL ROUTE 59

EX ROW

POPLAR CREEK

EX AERIAL LINES TO BE RELOCATED BY OTHERS

EX WETLANDS

℄ IL 59 PEDESTRIAN OVERPASS

THE EXISTING WATERMAIN SHALL BE LOCATED USING THE EXPLORATION TRENCH (SPECIAL) PAY ITEM PRIOR TO ANY PROPOSED PIER WORK.

1

EX WETLANDS

MATCH LINE STA. 114+00
SEE SHEET NO. 19

N

0 20 40 60
SCALE IN FEET

VPI STA. 109+80.83
ELEVATION 806.56

+4.75% -4.75%

3'-6"

+70.83 EL 801.39

+90.83 EL 801.39

K = 23
220.00' V.C.

17'-7" CLEARANCE

℄ IL 59

17'-5" CLEARANCE

K = 43
250.00' V.C.

PR PROFILE

EX PROFILE

779.3
100 YR
BASE FLOOD
ELEVATION

MATCH LINE STA. 108+50
SEE SHEET NO. 17

MATCH LINE STA. 114+00
SEE SHEET NO. 19

	108+50	109+00	109+50	110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00
EX ELEV.	773.87	773.65	782.19	782.56	775.01	774.76	774.92	774.99	774.58	774.25	774.26	774.49
PR ELEV.	800.14	802.33	803.54	803.66	802.71	800.69	798.32	795.94	793.57	791.19	788.82	786.73

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
BY
DATE
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
B.M. NOTED
NO.
STRUCTURE NO(S).
TA'NS CHKD

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TRANSYSTEMS

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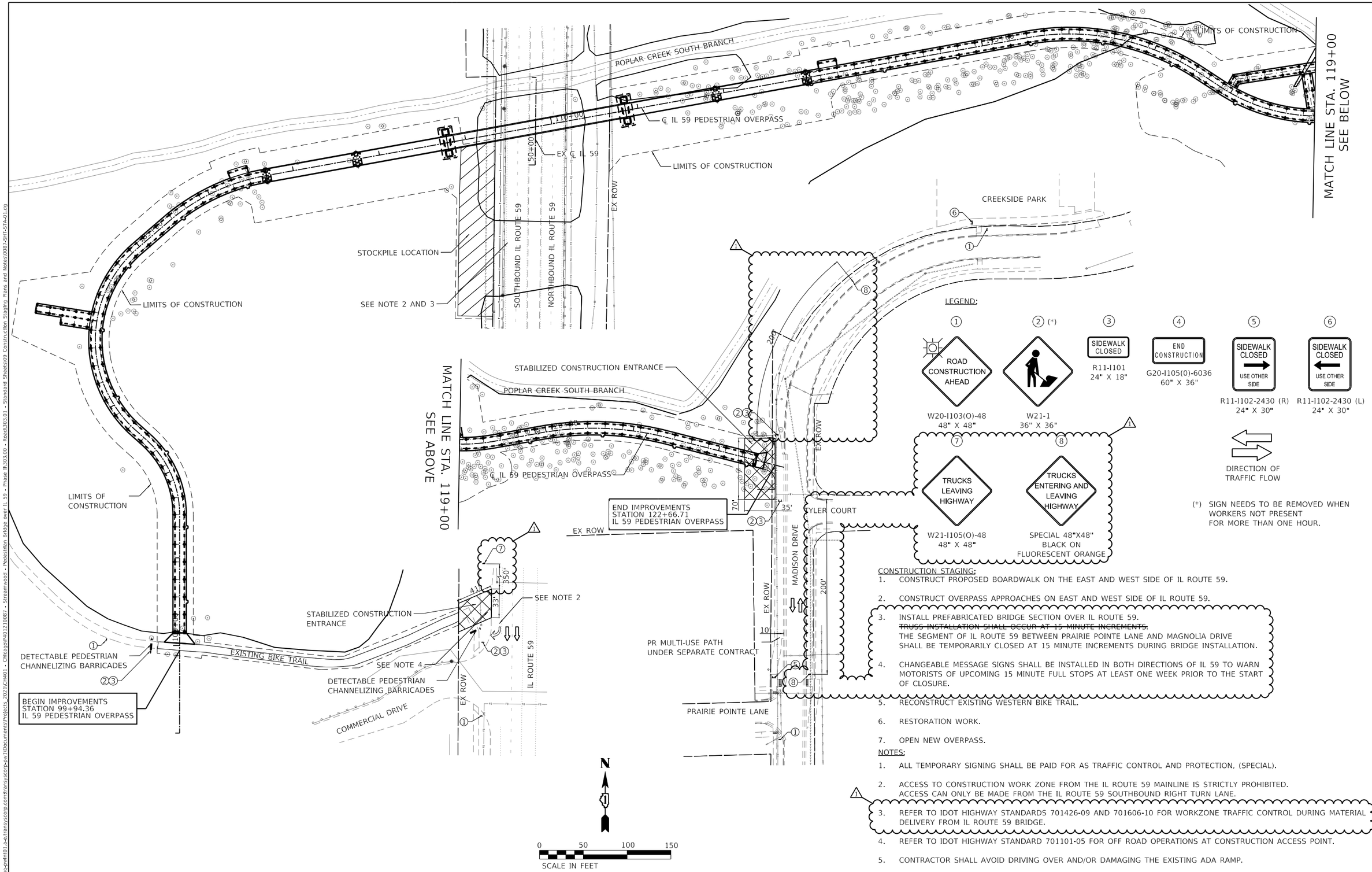
PLOT DATE = 7/21/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 59 PEDESTRIAN OVERPASS
PLAN AND PROFILE AND SIGNING PLAN

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 108+50 | TO STA. 114+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	18
		CONTRACT NO. 61J67		
		ILLINOIS	FED. AID PROJECT	



LEGEND:

①	② (*)	③	④	⑤	⑥
ROAD CONSTRUCTION AHEAD		SIDEWALK CLOSED	END CONSTRUCTION	SIDEWALK CLOSED → USE OTHER SIDE	SIDEWALK CLOSED ← USE OTHER SIDE
W20-I103(O)-48 48" X 48"	W21-1 36" X 36"	R11-I101 24" X 18"	G20-I105(0)-6036 60" X 36"	R11-I102-2430 (R) 24" X 30"	R11-I102-2430 (L) 24" X 30"

⑦	⑧
TRUCKS LEAVING HIGHWAY	TRUCKS ENTERING AND LEAVING HIGHWAY
W21-I105(O)-48 48" X 48"	SPECIAL 48"X48" BLACK ON FLUORESCENT ORANGE

DIRECTION OF TRAFFIC FLOW

(*) SIGN NEEDS TO BE REMOVED WHEN WORKERS NOT PRESENT FOR MORE THAN ONE HOUR.

CONSTRUCTION STAGING:

1. CONSTRUCT PROPOSED BOARDWALK ON THE EAST AND WEST SIDE OF IL ROUTE 59.
2. CONSTRUCT OVERPASS APPROACHES ON EAST AND WEST SIDE OF IL ROUTE 59.
3. INSTALL PREFABRICATED BRIDGE SECTION OVER IL ROUTE 59.
   ~~TRUSS INSTALLATION SHALL OCCUR AT 15 MINUTE INCREMENTS.~~
   THE SEGMENT OF IL ROUTE 59 BETWEEN PRAIRIE POINTE LANE AND MAGNOLIA DRIVE SHALL BE TEMPORARILY CLOSED AT 15 MINUTE INCREMENTS DURING BRIDGE INSTALLATION.
4. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED IN BOTH DIRECTIONS OF IL 59 TO WARN MOTORISTS OF UPCOMING 15 MINUTE FULL STOPS AT LEAST ONE WEEK PRIOR TO THE START OF CLOSURE.
5. RECONSTRUCT EXISTING WESTERN BIKE TRAIL.
6. RESTORATION WORK.
7. OPEN NEW OVERPASS.

NOTES:

1. ALL TEMPORARY SIGNING SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
2. ACCESS TO CONSTRUCTION WORK ZONE FROM THE IL ROUTE 59 MAINLINE IS STRICTLY PROHIBITED. ACCESS CAN ONLY BE MADE FROM THE IL ROUTE 59 SOUTHBOUND RIGHT TURN LANE.

⚠1

3. REFER TO IDOT HIGHWAY STANDARDS 701426-09 AND 701606-10 FOR WORKZONE TRAFFIC CONTROL DURING MATERIAL DELIVERY FROM IL ROUTE 59 BRIDGE.

4. REFER TO IDOT HIGHWAY STANDARD 701101-05 FOR OFF ROAD OPERATIONS AT CONSTRUCTION ACCESS POINT.
5. CONTRACTOR SHALL AVOID DRIVING OVER AND/OR DAMAGING THE EXISTING ADA RAMP.

MODEL: Default
FILE NAME: pw:\\hc-pwint01.a-e.transystems.com:transystems-pw11\Documents\Projects_2021\CH1401 - CHIcago\P401210087 - Streamwood - Pedestrian Bridge over IL 59 - Phase II\303.00 - Roadway\303.01 - Standard Sheets\09 Construction Staging Plans and Notes\0087-SHT-STA-01.dgn

TRANSYSTEMS

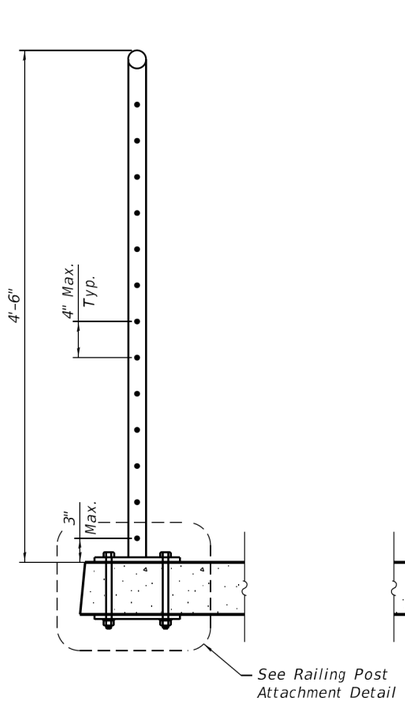
USER NAME = lmnainggolan	DESIGNED - WBL	REVISED ⚠1 07/12/23	
	DRAWN - LMN	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - CEC	REVISED -	
PLOT DATE = 7/12/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

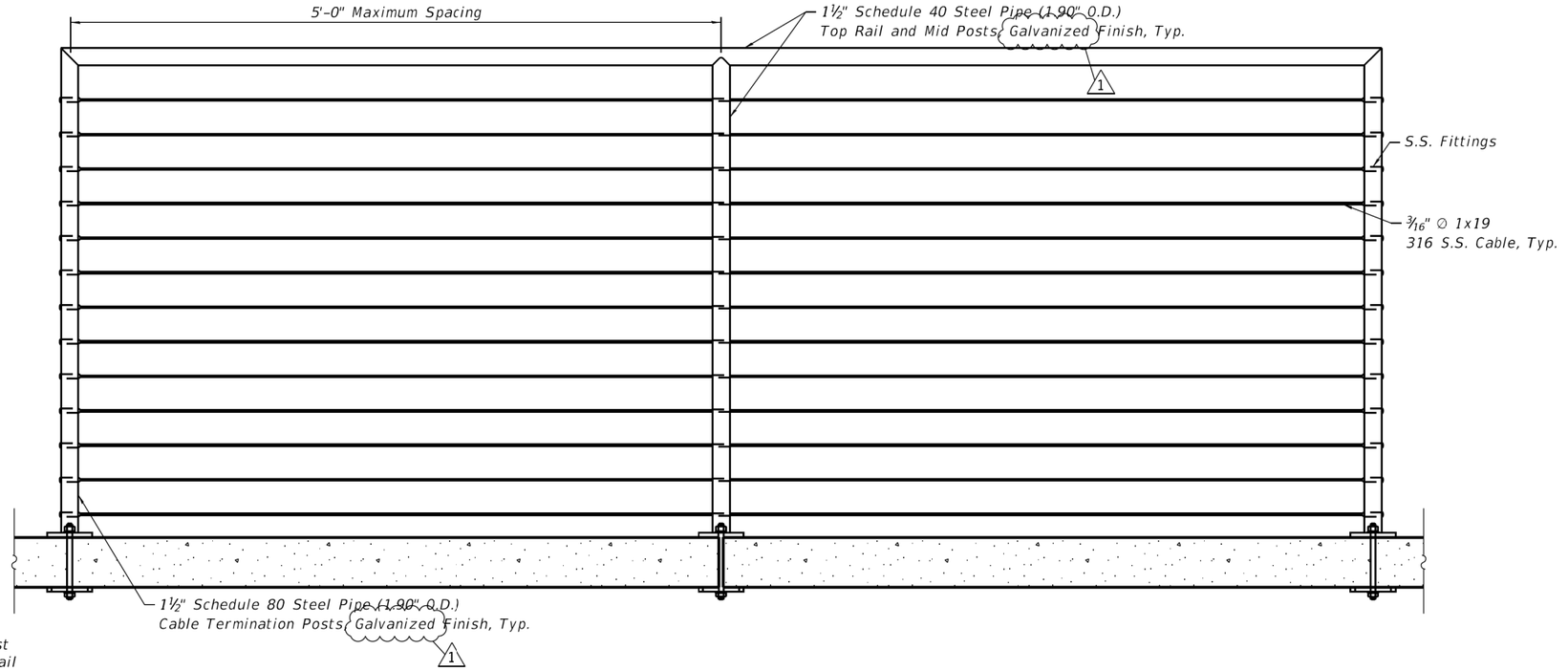
IL 59 PEDESTRIAN OVERPASS
CONSTRUCTION STAGING PLAN AND NOTES

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

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	21
		CONTRACT NO. 61J67		
	ILLINOIS	FED. AID PROJECT		

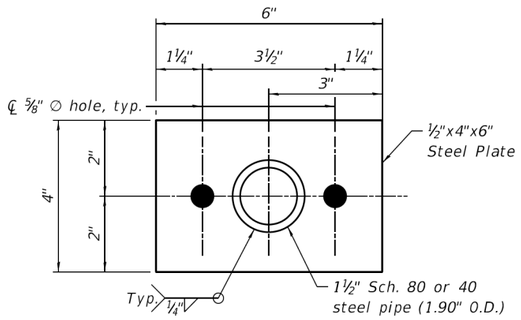


END ELEVATION

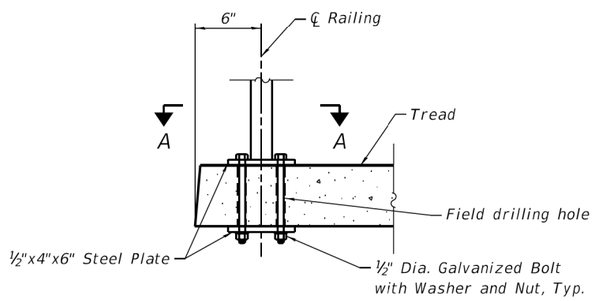


SIDE ELEVATION

TYPICAL CABLE RAILING DETAIL



SECTION A-A



RAILING POST ATTACHMENT

Notes:

Edge distance shown in the details on this sheet are provided as structural minimums. The railing installer is responsible for ensuring that minimum clearance is maintained while installing the railing system.

Any damage to treads during field drilling of the railing connection to the treads is the responsibility of the railing installer.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing (Special)	Foot	3,633

MODEL: Default
FILE NAME: pw:\\hq-pwint01.a-e.transystcorp.com:transystcorp-pw1\Documents\Projects_2021\CH401\401210087\Bridge\Standard Sheets\0168093-210087-5007-Boardwalk_Railing.dgn

7/19/2023 8:55:39 AM

TRANSYSTEMS

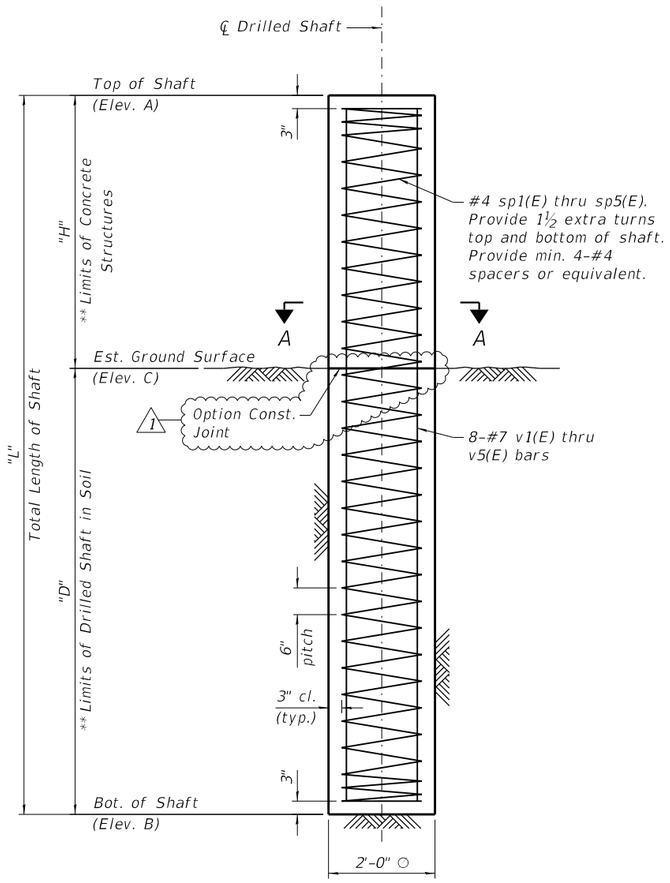
USER NAME = wjcolletti		DESIGNED - JE		REVISED - 1 07/19/23	
		CHECKED - WJC		REVISED -	
PLOT SCALE = 0.1667 ' / in.		DRAWN - JE		REVISED -	
PLOT DATE = 7/19/2023		CHECKED - WJC		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOARDWALK RAILING DETAILS
STRUCTURE NO. 016-8309

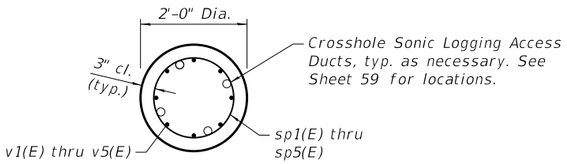
SHEET 7 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	56
		CONTRACT NO. 61J67		
		ILLINOIS	FED. AID PROJECT	

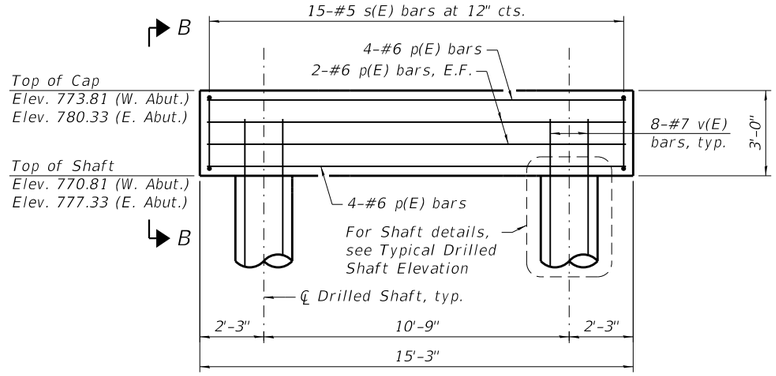


TYPICAL DRILLED SHAFT ELEVATION

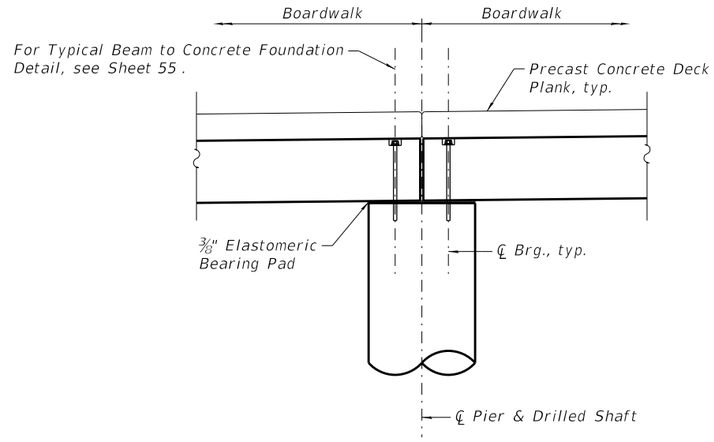
** If the prevailing water surface elevation during construction is consistently different than estimated on the plans, the contractor may propose an adjustment to the top of the drilled shaft elevation as part of their installation procedure. The top of all drilled shafts within a substructure unit shall be constructed to the same elevation and extend above the prevailing water surface. The quantities and reinforcement detailing are based on the top of shaft and the estimated elevations shown and may change based on the actual elevations encountered at each shaft and the final top of shaft elevation.



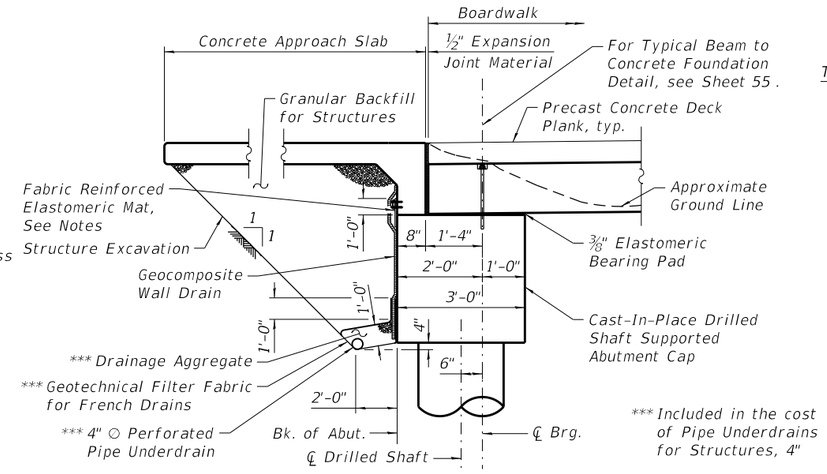
SECTION A-A



BOARDWALK ABUTMENT ELEVATION

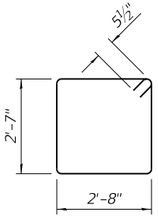


TYPICAL SECTION THRU PIER

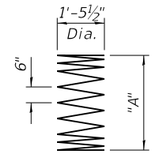


*** Included in the cost of Pipe Underdrains for Structures, 4"

TYPICAL SECTION THRU ABUTMENT

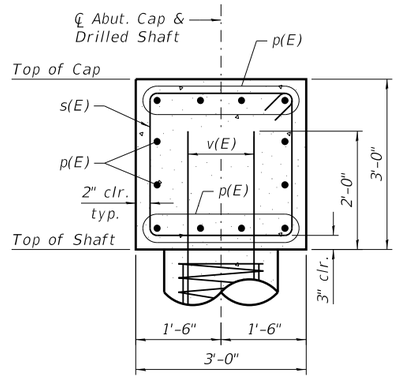


BAR s(E)



BARS sp1(E) THRU sp5(E)

Bar	"A"
sp1(E)	55'-6"
sp2(E)	49'-6"
sp3(E)	39'-6"
sp4(E)	29'-6"
sp5(E)	24-'6"



SECTION B-B

ABUTMENT CAPS BILL OF MATERIAL

Bar	No.	Size	Length	Shape
p(E)	24	#6	14'-11"	——
s(E)	30	#5	11'-5"	□
v(E)	32	#7	7'-9"	——
Structure Excavation			Cu. Yd.	20
Concrete Structures			Cu. Yd.	10.2
Reinforcement Bars, Epoxy Coated			Pound	1,410
Granular Backfill for Structures			Cu. Yd.	18
Concrete Sealer			Sq. Ft.	311
Geocomposite Wall Drain			Sq. Yd.	14
Pipe Underdrains for Structures, 4"			Foot	31

DRILLED SHAFTS BILL OF MATERIAL

	Bar	No.	Size	Length	Shape
*	sp1(E)	45	#4	55'-6"	∿∿∿
*	sp2(E)	38	#4	49'-6"	∿∿∿
*	sp3(E)	24	#4	39'-6"	∿∿∿
*	sp4(E)	54	#4	29'-6"	∿∿∿
*	sp5(E)	38	#4	24-'6"	∿∿∿
	v1(E)	360	#7	55'-6"	——
	v2(E)	304	#7	49'-6"	——
	v3(E)	192	#7	39'-6"	——
	v4(E)	432	#7	29'-6"	——
	v5(E)	304	#7	24-'6"	——
	Concrete Structures			Cu. Yd.	175.7
	Reinforcement Bars, Epoxy Coated			Pound	175,350
	Drilled Shaft in Soil			Cu. Yd.	760.6
	Crosshole Sonic Logging Access Ducts			Foot	2,020
	Crosshole Sonic Logging Testing			Each	6

* Length is height of spiral.

MINIMUM BAR LAPS

Bar	Lap
#7	5'-6"

Notes:

1 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included with Concrete Structures.

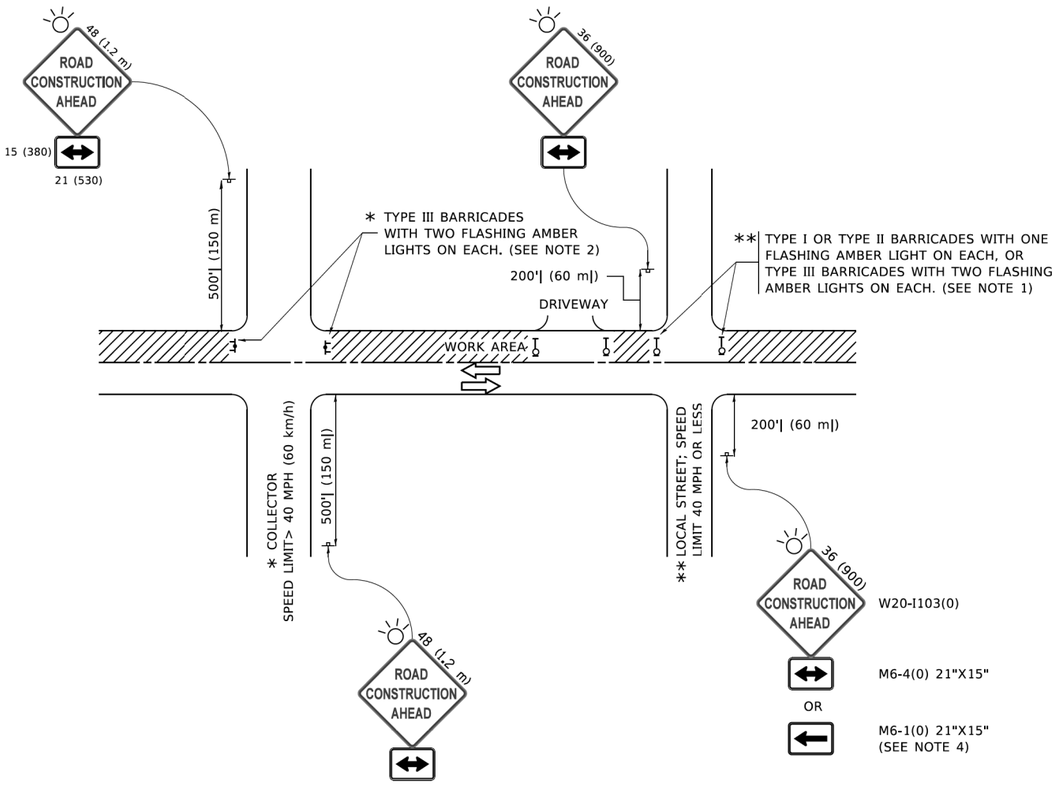
When splicing spiral reinforcement is necessary, the spiral shall be provided with 1½ extra turns at the ends to be spliced. These additional turns shall either be welded together according to AWS D1.4 or shall both terminate with a 135° standard hook.

Fabric Reinforced Elastomeric Mat shall be according to Section 1028 of the Standard Specifications. Fabric mat shall be 24" wide & attached full width and vertically at edges to the abutment cap with a ⅜" x 5" steel plate and ½" ∅ studs with nuts and washers at 12" cts. Cost included with Concrete Structures.

TRANSYSTEMS

USER NAME = wjcolletti	DESIGNED - CMG	REVISED - 1 07/24/23	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOARDWALK FOUNDATION DETAILS - 1 STRUCTURE NO. 016-8309	
	CHECKED - WJC	REVISED -			
PLOT SCALE = 5.3333 ' / in.	DRAWN - CMG	REVISED -		SHEET 9 OF 29 SHEETS	
PLOT DATE = 7/24/2023	CHECKED - WJC	REVISED -			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	58
		CONTRACT NO. 61J67		
		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.

REVISED 1 07/12/23

USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	21-00067-00-BR	COOK	90	78A
	TC-10	CONTRACT NO. 61J67		
	ILLINOIS FED. AID PROJECT			

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