

PROJECT IS LOCATED IN THE
VILLAGES OF HOFFMAN ESTATES
AND SCHAUMBURG

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA – IL 58

FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL

2019 AADT = 17900 VPD (WEST LEG), 37300 VPD (EAST LEG)

% TRUCKS = 1.4% (WEST LEG), 1.5% (EAST LEG)

POSTED SPEED = 45 MPH

DESIGN SPEED = 45 MPH

TRAFFIC DATA – BARRINGTON RD

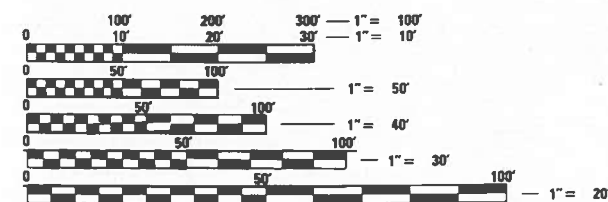
FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL

2019 AADT = 32100 VPD (NORTH LEG), 32400 VPD (SOUTH LEG)

% TRUCKS = 2.1% (NORTH LEG), 1.8% (SOUTH LEG)

POSTED SPEED = 45 MPH

DESIGN SPEED = 45 MPH



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: VESELIN VELICHKOV, PE (847)705-4432
PROJECT MANAGER: FAWAD AQUEEL, PE

CONTRACT NO. 62N97

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 559: IL 58 (GOLF ROAD)

AT BARRINGTON ROAD

SECTION: 2021-060-SW-TS&N

PROJECT: HSIP-UCZX(187)

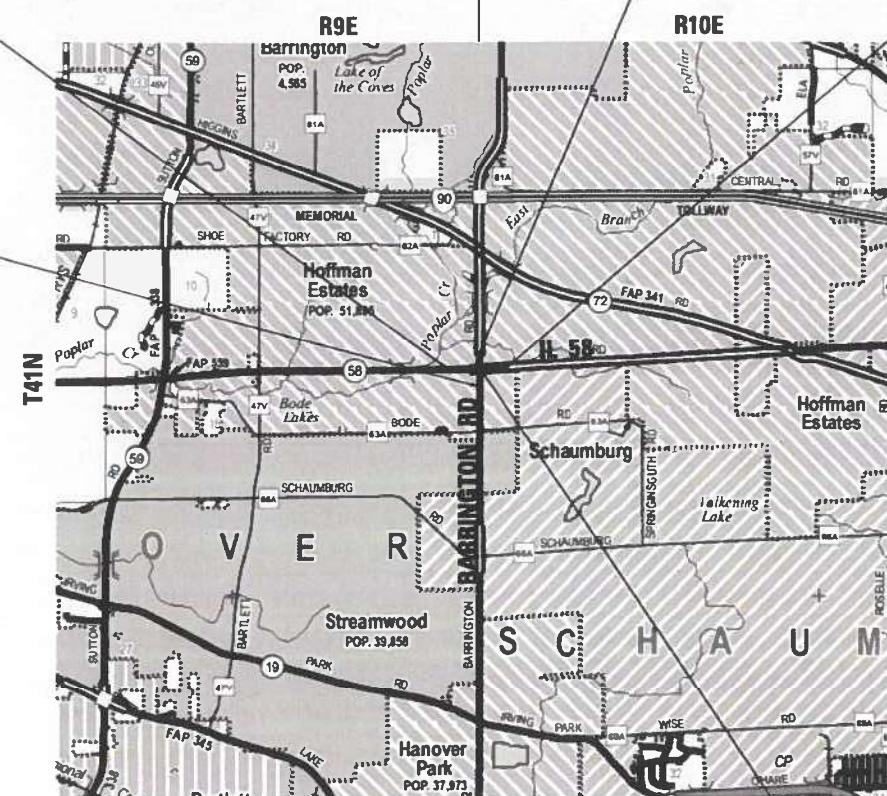
INTERSECTION IMPROVEMENT, TRAFFIC SIGNAL
MODERNIZATION, AND ADA IMPROVEMENTS
COOK COUNTY

BEGIN PROJECT (IL 58)
STA. 31 + 82.00

BEGIN PROJECT (BARRINGTON RD)
STA. 18 + 74.40

END PROJECT (BARRINGTON RD)
STA. 24 + 89.20

END PROJECT (IL 58)
STA. 61 + 46.70



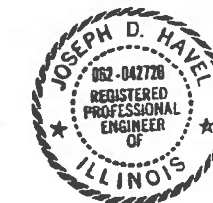
HANOVER AND SCHAUMBURG TOWNSHIPS

GROSS LENGTH = 2965 FT. = 0.562 MILE

NET LENGTH = 2965 FT. = 0.562 MILE

STA. 50 + 00 (IL 58) =
STA. 20 + 00 (BARRINGTON RD)

LOCATION MAP
NOT TO SCALE



Signed: *J. Havel*
Date: 4/25/2025
License Expires: 11/30/2025

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	1
ILLINOIS CONTRACT NO. 62N97				

* 306 + 1 = 307 TOTAL SHEETS

D-91-151-21



LOCATION OF SECTION INDICATED THUS: —

EFK•Moen
Civil Engineering Design

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *May 17, 2025*
Pias
REGIONAL ENGINEER
June 27, 2025
See E. A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
June 27, 2025
Harry
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL Default
FILE NAME: 231035.01 DOT D1 FFB 199-012 WD 1 IL 58 at BarringtonDCNDesign\Drawings\PlotSheets\12162N97-9th-500.dgn

				CONSTRUCTION CODE								
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% STATE	90% FEDERAL 10% STATE
				ROADWAY	IL 58 AT BARRINGTON RD TRF. SIGNAL	IL 58 AT BARRINGTON RD EVP	IL 58 AT SHOPPING CENTER ENTRANCE TRF. SIGNAL	IL 58 AT SHOPPING CENTER ENTRANCE EVP	INTERCONNECT	SHARED-USE PATH	MAINTENANCE	JAWA WATER MAIN PROTECTION
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0028 URBAN	0005 URBAN	0043 URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	229	229								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	219	219								
20101000	TEMPORARY FENCE	FOOT	256	256								
20200100	EARTH EXCAVATION	CU YD	6159	5750								409
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	885	885								
20400800	FURNISHED EXCAVATION	CU YD	225	225								
20700220	POROUS GRANULAR EMBANKMENT	CU YD	5	5								
20800150	TRENCH BACKFILL	CU YD	695	695	1							
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1042	1042								
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	2375	2375								
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	4474	4474								
21400100	GRADING AND SHAPING DITCHES	FOOT	60	60								
25000210	SEEDING, CLASS 2A	ACRE	1	1								
25000310	SEEDING, CLASS 4	ACRE	0.25	0.25								
25000320	SEEDING, CLASS 5	ACRE	0.25	0.25								

* DENOTES SPECIAL PROVISION REQUIRED ** DENOTES SPECIALTY ITEM

EFK•Moen
Civil Engineering Design

USER NAME = JBerggren	DESIGNED - RG	REVISED -
	DRAWN - RG	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JH	REVISED +
PLOT DATE = 4/25/2025	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

1 REVISED SHEET 7/16/2025					
F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N		COOK	306	4
			CONTRACT NO. 62N97		
		ILLINOIS	FED. AID PROJECT		

1 REVISED SHEET 7/16/2025

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				CONSTRUCTION CODE								
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% STATE	90% FEDERAL 10% STATE
				ROADWAY	IL 58 AT BARRINGTON RD TRF. SIGNAL	IL 58 AT BARRINGTON RD EVP	IL 58 AT SHOPPING CENTER ENTRANCE TRF. SIGNAL	IL 58 AT SHOPPING CENTER ENTRANCE EVP	INTERCONNECT	SHARED-USE PATH	MAINTENANCE	JAWA WATER MAIN PROTECTION
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0028 URBAN	0005 URBAN	0043 URBAN
50102400	CONCRETE REMOVAL	CU YD	1	1								
50105220	PIPE CULVERT REMOVAL	FOOT	232	232								
50300225	CONCRETE STRUCTURES	CU YD	32.9									32.9
50800105	REINFORCEMENT BARS	POUND	6088	347								5741
50800515	BAR SPLICERS	EACH	26									26
50901760	PIPE HANDRAIL	FOOT	58	58								
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	3.5	3.5								
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	1	1								
54002020	EXPANSION BOLTS 3/4 INCH	EACH	16	16								
54010403	PRECAST CONCRETE BOX CULVERTS 4' X 3'	FOOT	3	3								
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	5	5								
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1								
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1								
54248510	CONCRETE COLLAR	CU YD	1	1								

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EFK♦Moen Civil Engineering Design	USER NAME = J.Berggren	DESIGNED = RG	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 58 AT BARRINGTON RD SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN = RG	REVISED =						559	2021-060-SW-TS&N	COOK	306	9
	PLOT SCALE = 100.0000 ' / in.	CHECKED = JH	REVISED =						CONTRACT NO. 62N97				
	PLOT DATE = 4/25/2025	DATE =	REVISED =		ILLINOIS FED. AID PROJECT								
	SCALE:		SHEET							OF	SHEETS	STA.	TO STA.

MODEL: Default
FILE NAME: 231035.01 DOT D1 FFB 199-012 WD 1 IL 58 at BarringtonDCN(Design\Proj\Auto\Drawings\1212197-9th-500.dgn

				CONSTRUCTION CODE								
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% STATE	90% FEDERAL 10% STATE
				ROADWAY	IL 58 AT BARRINGTON RD TRF. SIGNAL	IL 58 AT BARRINGTON RD EVP	IL 58 AT SHOPPING CENTER ENTRANCE TRF. SIGNAL	IL 58 AT SHOPPING CENTER ENTRANCE EVP	INTERCONNECT	SHARED-USE PATH	MAINTENANCE	JAWA WATER MAIN PROTECTION
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0028 URBAN	0005 URBAN	0043 URBAN
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4								
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2								
** 72000100	SIGN PANEL - TYPE 1	SQ FT	292	214	58		20					
** 72000200	SIGN PANEL - TYPE 2	SQ FT	132	1	23		23					
** 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3								
** 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	5	5								
** 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	120	120								
** 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	23	23								
** 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1								
** 72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	2	2								
** 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4								
** 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	573	573								
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	478	478								
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14136	14136								

* DENOTES SPECIAL PROVISION REQUIRED ** DENOTES SPECIALTY ITEM

EFK•Moen
Civil Engineering Design

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PLOT DATE = 4/25/2025	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

1 REVISED SHEET 7/16/2025				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	15
		CONTRACT NO. 62N97		
ILLINOIS		FED. AID PROJECT		

REVISED SHEET 7/16/2025

MODEL: Default
FILE NAME: 231035.01 DOT D1 FFB 199-012 WD 1 IL 58 at BarringtonDCN\Design\Prelim\Photosheets\1212197-9th-500.dgn

				CONSTRUCTION CODE								
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% STATE	90% FEDERAL 10% STATE
				ROADWAY	IL 58 AT BARRINGTON RD TRF. SIGNAL	IL 58 AT BARRINGTON RD EVP	IL 58 AT SHOPPING CENTER ENTRANCE TRF. SIGNAL	IL 58 AT SHOPPING CENTER ENTRANCE EVP	INTERCONNECT	SHARED-USE PATH	MAINTENANCE	JAWA WATER MAIN PROTECTION
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0028 URBAN	0005 URBAN	0043 URBAN
** 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3467	3467								
** 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1027	1027								
** 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1730	1730								
** 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	333	333								
** 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	233							233		
** 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	28	28								
** 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	158	158								
** 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	90	90								
** 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	36	36								
** 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	229	229								
** 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	12	12								
** 78200020	CURB REFLECTORS	EACH	18	18								
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	190	190								
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	5583	5583								

* DENOTES SPECIAL PROVISION REQUIRED ** DENOTES SPECIALTY ITEM

EFK•Moen
Civil Engineering Design

USER NAME = JBerggren
DRAWN = RG
PLOT SCALE = 100.0000' / in.
PLOT DATE = 4/25/2025

DESIGNED = RG
REVISOR = RG
CHECKED = JH
DATE =

REVISED =
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REVISED =
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

 REVISED SHEET 7/16/2025

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	16
CONTRACT NO. 62N97				
ILLINOIS FED. AID PROJECT				

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FILE NAME: 231035.01.DOT.D1.FTB.199-012.WD.1.IL.58 at Barrington.DGN\Design\Drawings\PlotSheets\1212197-9th-500.dgn

				CONSTRUCTION CODE								
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	100% HOFFMAN ESTATES	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	100% STATE	90% FEDERAL 10% STATE
				ROADWAY	IL 58 AT BARRINGTON RD TRF. SIGNAL	IL 58 AT BARRINGTON RD EVP	IL 58 AT SHOPPING CENTER ENTRANCE TRF. SIGNAL	IL 58 AT SHOPPING CENTER ENTRANCE EVP	INTERCONNECT	SHARED-USE PATH	MAINTENANCE	JAWA WATER MAIN PROTECTION
				0004 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0021 URBAN	0028 URBAN	0005 URBAN	0043 URBAN
* X5010523	REMOVE CONCRETE END SECTION	EACH	8	8								
* X5021512	COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	1	1								
* X550A570	TEMPORARY STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	15	15								
* X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	200								200	
* X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	100								100	
* X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	50								50	
* X5538800	STORM SEWERS TO BE CLEANED 48"	FOOT	50								50	
* X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	5	5								
* X6420002	FILLING EXISTING RUMBLE STRIP	FOOT	361	361								
* X6420114	CENTER LINE - RUMBLE STRIP - 16"	FOOT	995	995								
* X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12								
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1								
* X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	240	240								
* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	1138	1138								
* X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	74	74								

* DENOTES SPECIAL PROVISION REQUIRED ** DENOTES SPECIALTY ITEM

EFK•Moen
Civil Engineering Design

USER NAME = JBerggren	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED +
PLOT DATE = 4/25/2025	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

 REVISED SHEET 7/16/2025			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
559	2021-060-SW-TS&N	COOK	306
		CONTRACT NO.	62N97
		ILLINOIS	FED. AID PROJECT

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FILE NAME: 2023-1035-01 IDOT D1 PFB 199-012 WO 1 IL 58 at BarringtonDCNDesign Prelim\Rotheers\162N97-shl-tpic-shd1.dgn

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT WIDENING AND RESURFACING:		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"	3.5% AT 80 GYR	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% AT 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE 12-1/2" (HOT-MIX ASPHALT BINDER IL-19.0)	4.0% AT 70 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING 12-1/2" (HOT-MIX ASPHALT BINDER IL-19.0)	4.0% AT 70 GYR	QC/QA
HOT-MIX ASPHALT SHOULDER:		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"	3.5% AT 80 GYR	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% AT 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4.0% AT 70 GYR	QC/QA
HMA DRIVEWAY PAVEMENT, 8":		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4.0% AT 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6"	4.0% AT 50 GYR	QC/QA
HMA DRIVEWAY PAVEMENT, 10":		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4.0% AT 50 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 8"	4.0% AT 50 GYR	QC/QA
SHARED-USE PATH:		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4.0% AT 50 GYR	QC/QA
TEMPORARY PAVEMENT:		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10"	4.0% AT 70 GYR	QC/QA
FILLING EXISTING RUMBLE STRIP		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4.0% AT 50 GYR	QC/QA
INCIDENTAL HOT-MIX ASPHALT SURFACING:		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N50	4.0% AT 50 GYR	QC/QA
PATCHING:		
CLASS D PATCH (HMA BINDER IL-19.0)	4.0% AT 70 GYR	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4.0% AT 70 GYR	QC/QA
TEMPORARY SIDEWALK		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4.0% AT 50 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

- * BASE COURSE SHALL MATCH EXISTING SURFACE AT THE THICKNESS SPECIFIED PRIOR TO MILLING. SEE DETAIL A & DETAIL C ON SHEET 14 OF THE TYPICAL SECTIONS.
- ** BINDER COURSE SHALL MATCH EXISTING SURFACE OR ADJACENT WIDENING AT THE THICKNESS SPECIFIED PRIOR TO MILLING. SEE DETAIL B ON SHEET 14 OF THE TYPICAL SECTIONS.
- *** WIDENING OF FOUR FEET TO SIX FEET SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE WIDENING, OF THE THICKNESS SPECIFIED.
- **** WIDENING GREATER THAN SIX FEET SHALL BE PAID FOR AS HOT-MIX ASPHALT BASE COURSE, OF THE THICKNESS SPECIFIED.

NOTES:

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

THE CONTRACTOR HAS THE OPTION TO USE PC TEMPORARY PAVEMENT. PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; PAVEMENT SHALL BE 10" THICK.

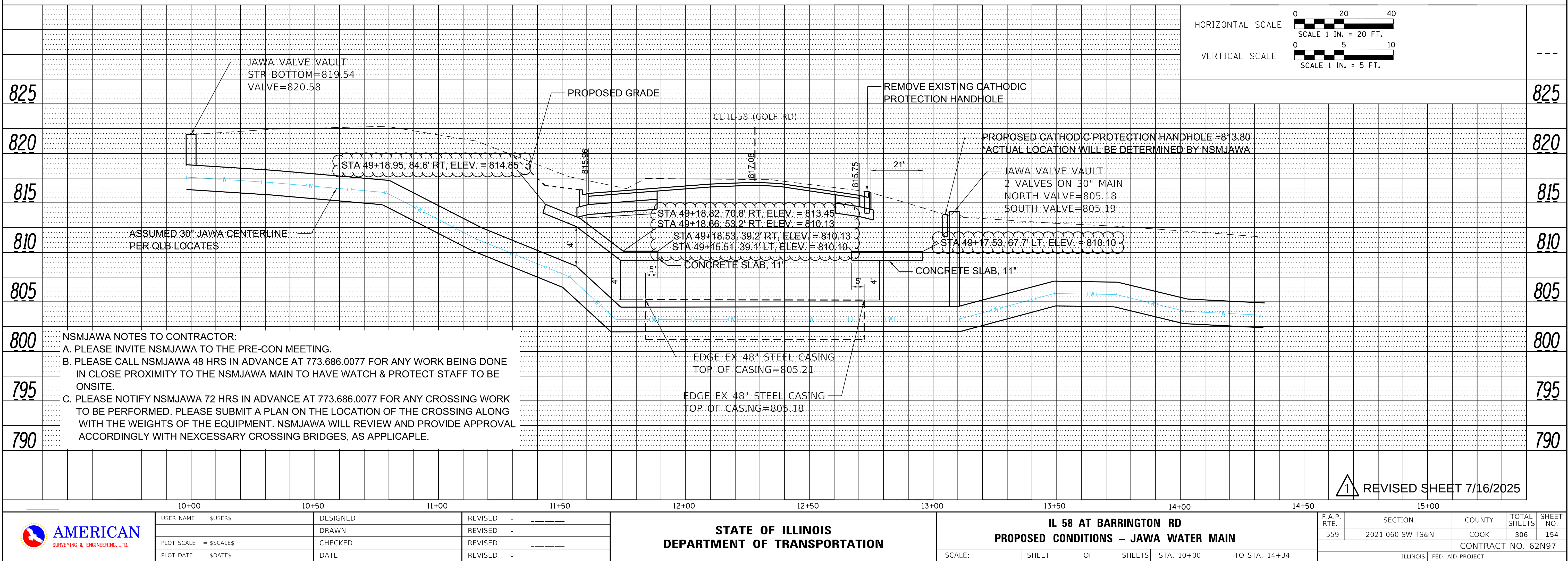
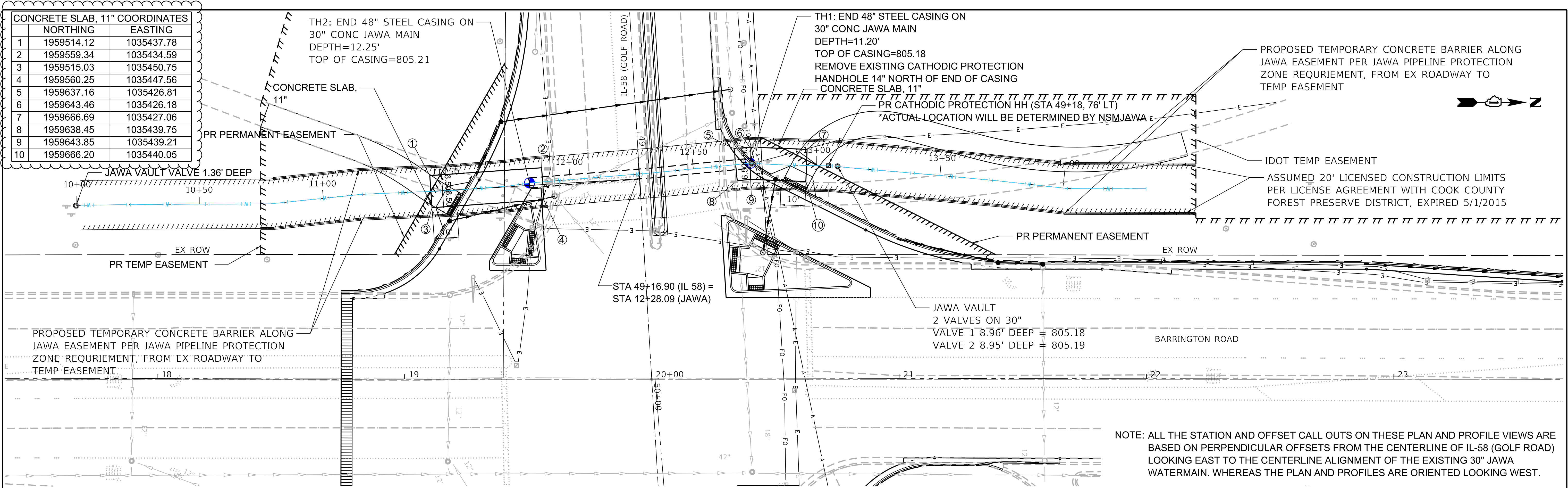
TEMPORARY PAVEMENT DOES NOT REQUIRE DOWEL BAR.

ALL TEMPORARY PAVEMENT SHALL BE PROVIDED OVER AGGREGATE SUBGRADE IMPROVEMENT 12".

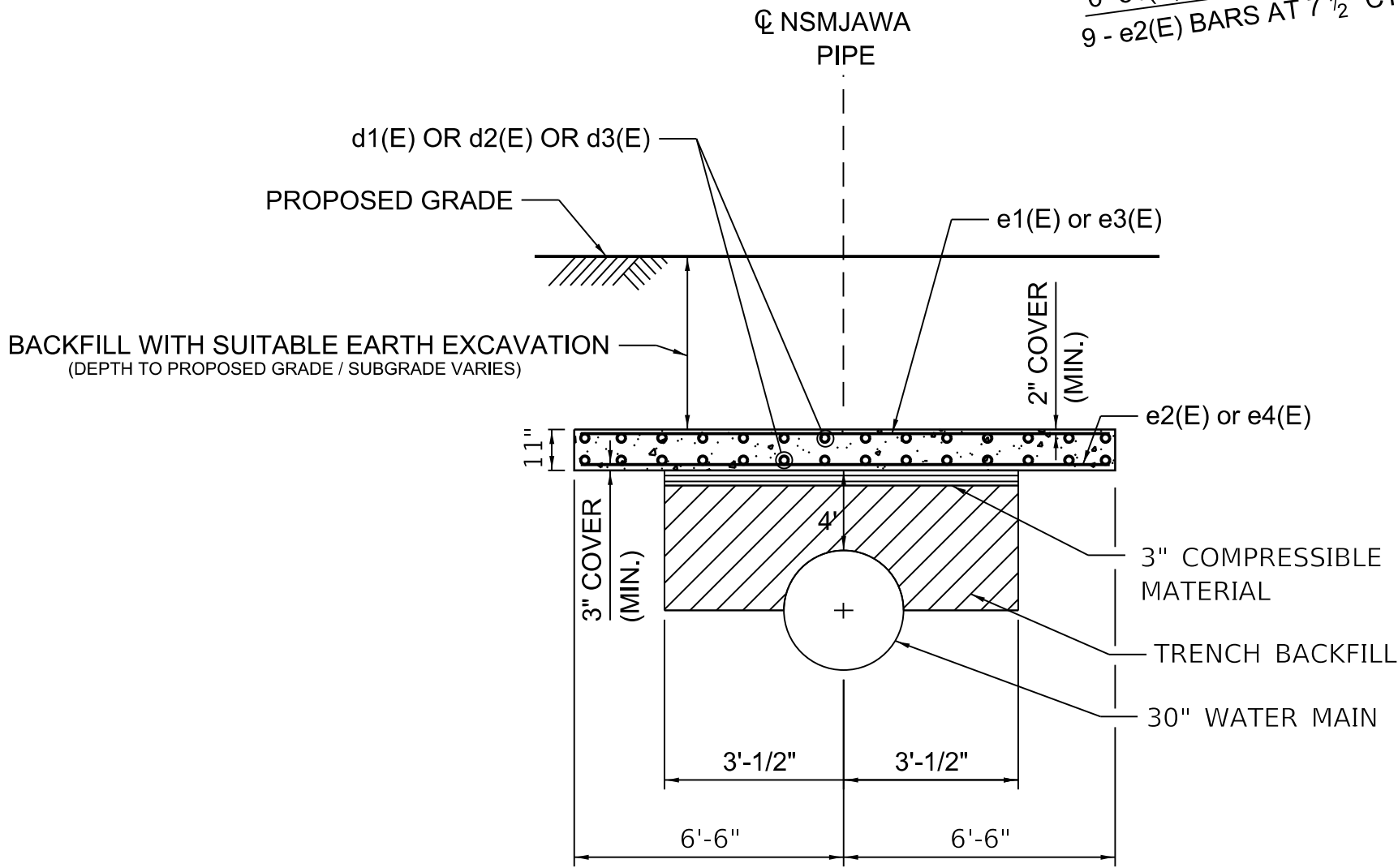
1 REVISED SHEET 7/16/2025

USER NAME = J.Berggren	DESIGNED - RG	REVISED - 1 7/15/2025 JB
	DRAWN - RG	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - JH	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	24
		CONTRACT NO. 62N97		
		ILLINOIS	FED. AID PROJECT	

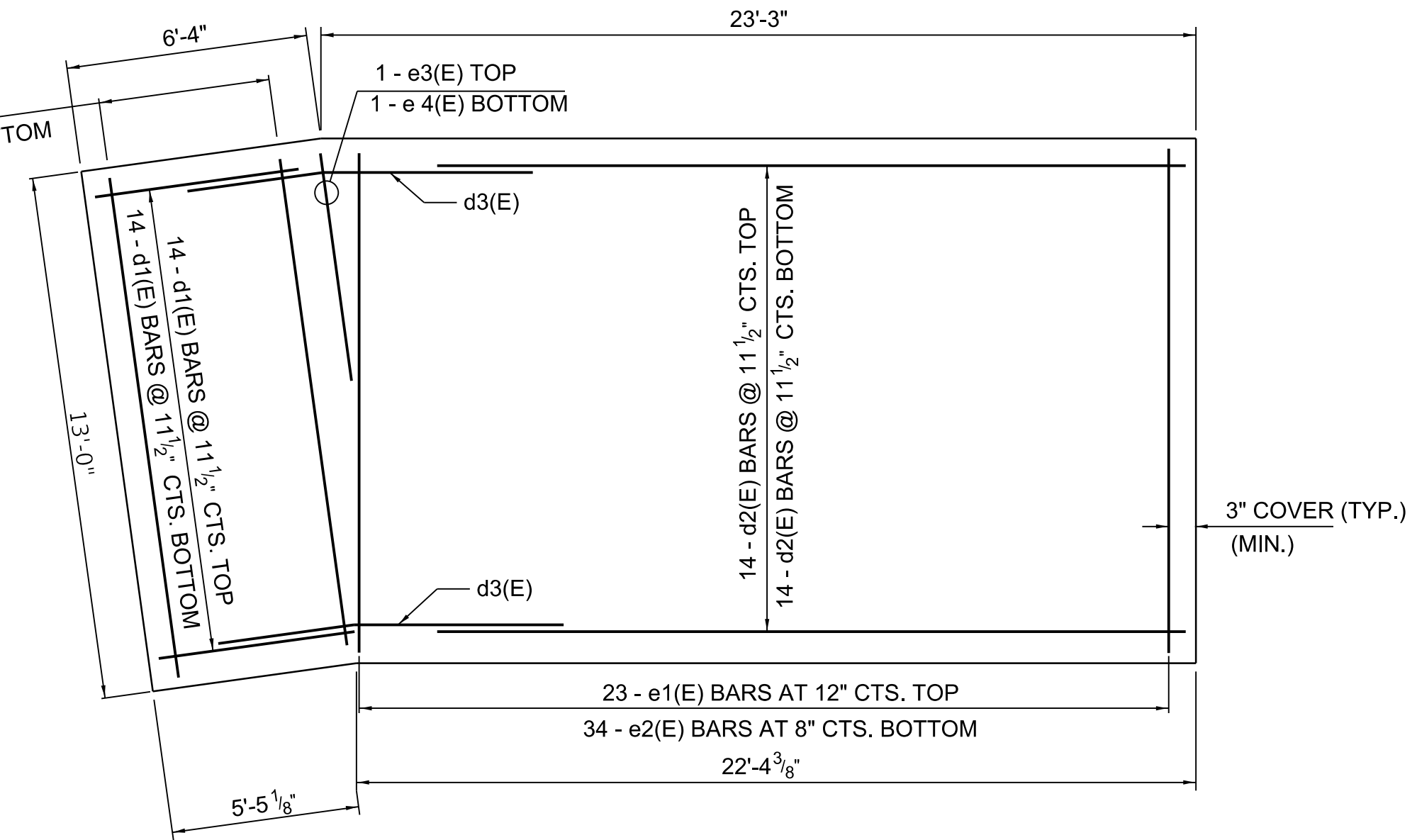


MINIMUM BAR LAPS
#5 BARS = 2'-2"

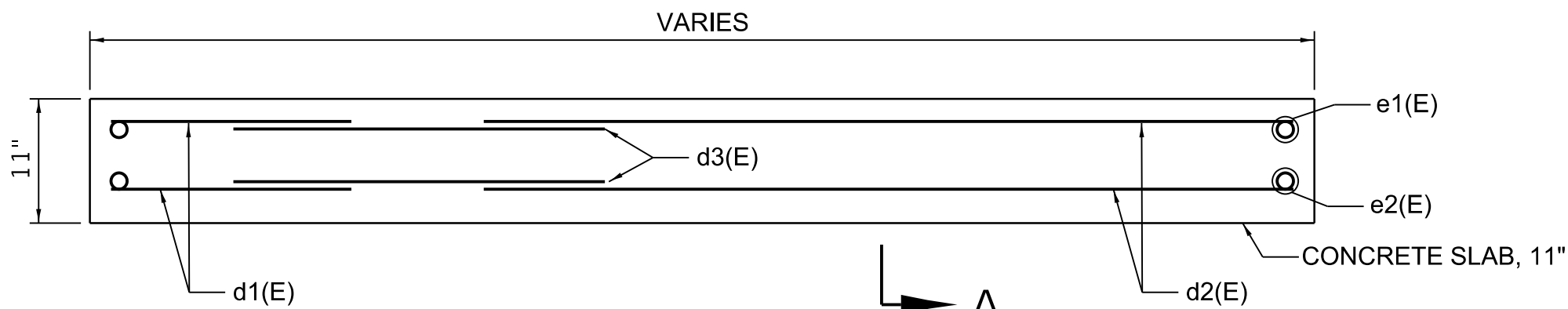


SECTION A-A

NORTH NSMJAWA WATER MAIN PROTECTION SLAB, 11" DETAIL



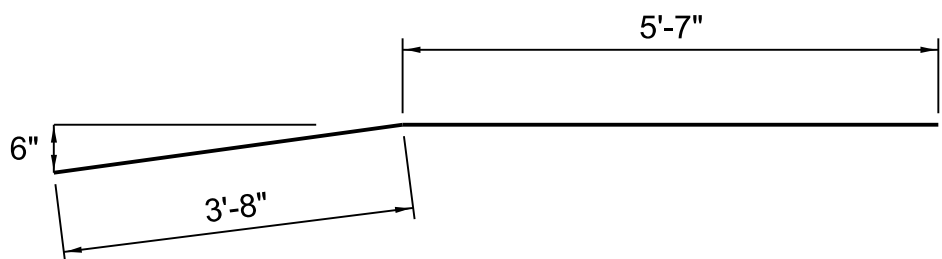
NORTH SLAB PLAN DETAIL



NORTH SLAB ELEVATION

NORTH SLAB BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
d1(E)	28	#5	5'-0"	=====
d2(E)	28	#5	20'-0"	=====
d3(E)	28	#5	9'-3"	=====
e1(E)	29	#5	12'-6"	=====
e2(E)	43	#6	12'-6"	=====
e3(E)	1	#5	6'-10"	=====
e4(E)	1	#6	6'-10"	=====
ITEM		UNIT	QTY.	
REINFORCEMENT BARS, EPOXY COATED		POUNDS	2,203	
CONCRETE STRUCTURES		CU. YD.	12.7	
TRENCH BACKFILL		CU. YD.	30	

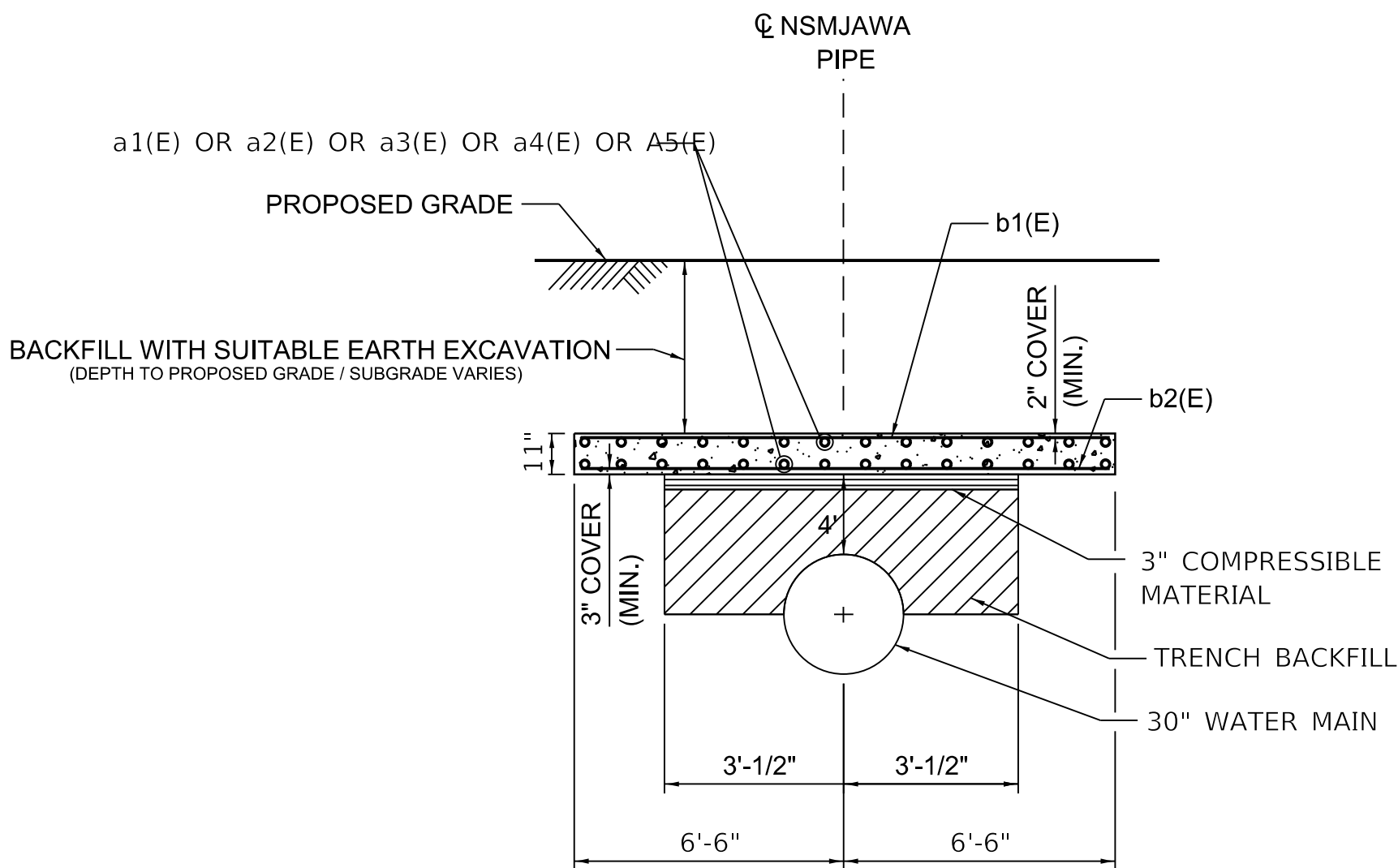


BAR d3(E)

NOTES:

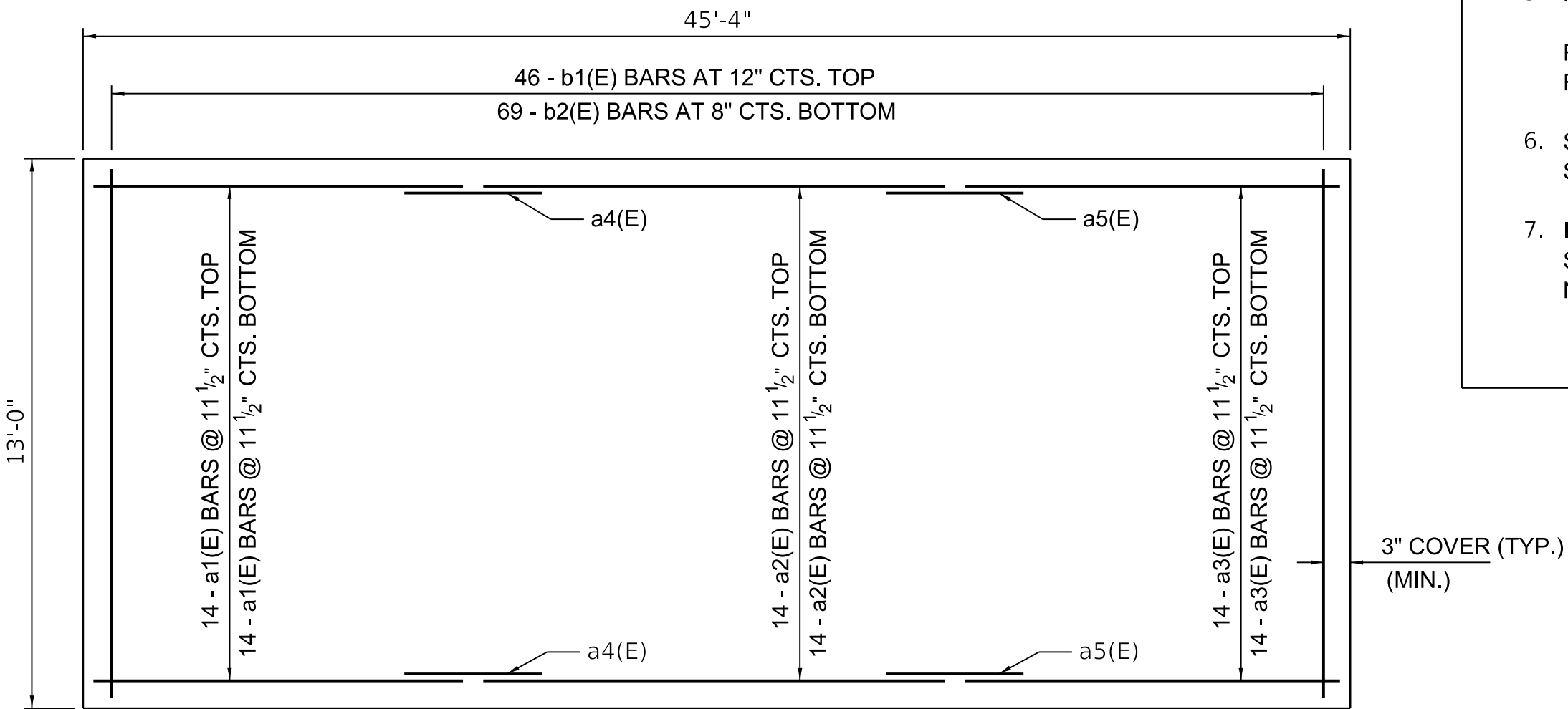
- THE 3" COMPRESSIBLE MATERIAL SHALL BE INCLUDED IN THE COST OF PROTECTION SLAB, 11" CONSTRUCTION. THE ESTIMATED QUANTITY IS 66 SQ YD FOR THE SOUTH SLAB AND 42 SQ YD FOR THE NORTH SLAB.
- ADDITIONAL TRENCH BACKFILL AS SHOWN IN SECTION A-A OR AS DIRECTED BY THE ENGINEER WILL BE INCLUDED IN THE COST OF TRENCH BACKFILL.
- DEVIATE CAP AND REINFORCEMENT AS NECESSARY TO FOLLOW EXISTING WATER MAIN ORIENTATION.
- ALL BARS DESIGNATED (E) MUST BE EPOXY COATED.
- MATERIALS: FC' = 3,500 PSI
- REINFORCEMENT BARS SHALL BE GRADE 60 BARS IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SLAB SHALL BE CURED FOR 7 DAYS IN ACCORDANCE WITH REQUIREMENTS FOR SUBSTRUCTURE IN IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION PRIOR TO SUBSEQUENT PAVEMENT PLACEMENT.
- IN AREAS WHERE THE PROPOSED PAVEMENT IS CONSTRUCTED OVER THE EXISTING NSMJAWA WATER MAIN, AND NO STRUCTURAL PROTECTION SLAB, 11" IS INSTALLED, CONSTRUCTION LOADS OVER THE EXISTING WATER MAIN SHALL NOT BE GREATER THAN HS-20 LOADINGS.

MINIMUM BAR LAPS
#5 BARS = 2'-2"

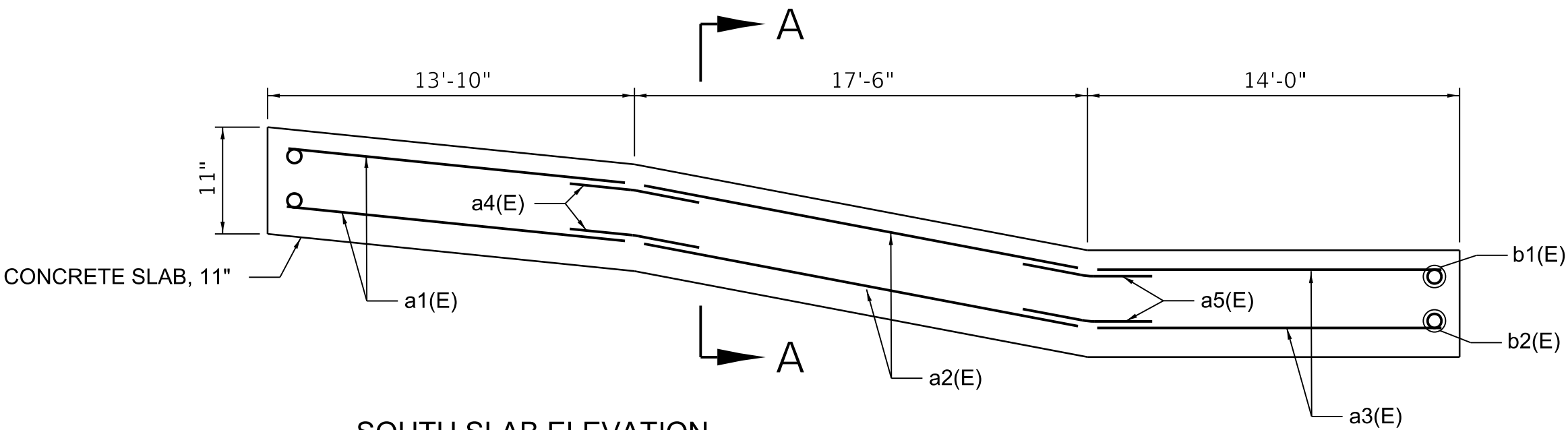


SECTION A-A

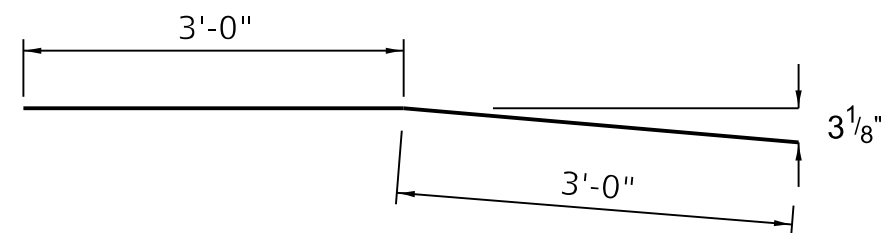
SOUTH NSMJAWA WATER MAIN PROTECTION SLAB, 11" DETAIL



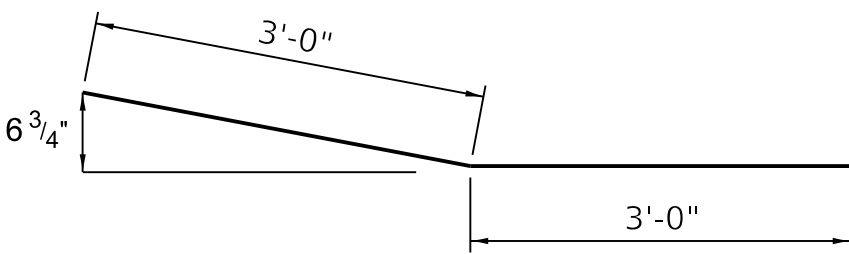
SOUTH SLAB PLAN DETAIL



SOUTH SLAB ELEVATION



BAR a4(E)



BAR a5(E)

SOUTH SLAB BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
a1(E)	28	#5	13'-5"	=====
a2(E)	28	#5	17'-4"	=====
a3(E)	28	#5	13'-6"	=====
a4(E)	28	#5	6'-0"	=====
a5(E)	28	#5	6'-0"	=====
b1(E)	46	#5	12'-6"	=====
b2(E)	69	#6	12'-6"	=====
ITEM		UNIT	QTY.	
REINFORCEMENT BARS, EPOXY COATED		POUNDS	3,538	
CONCRETE STRUCTURES		CU. YD.	20.2	
TRENCH BACKFILL		CU. YD.	48	

1 REVISED ENTIRE SHEET 7/16/2025



DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

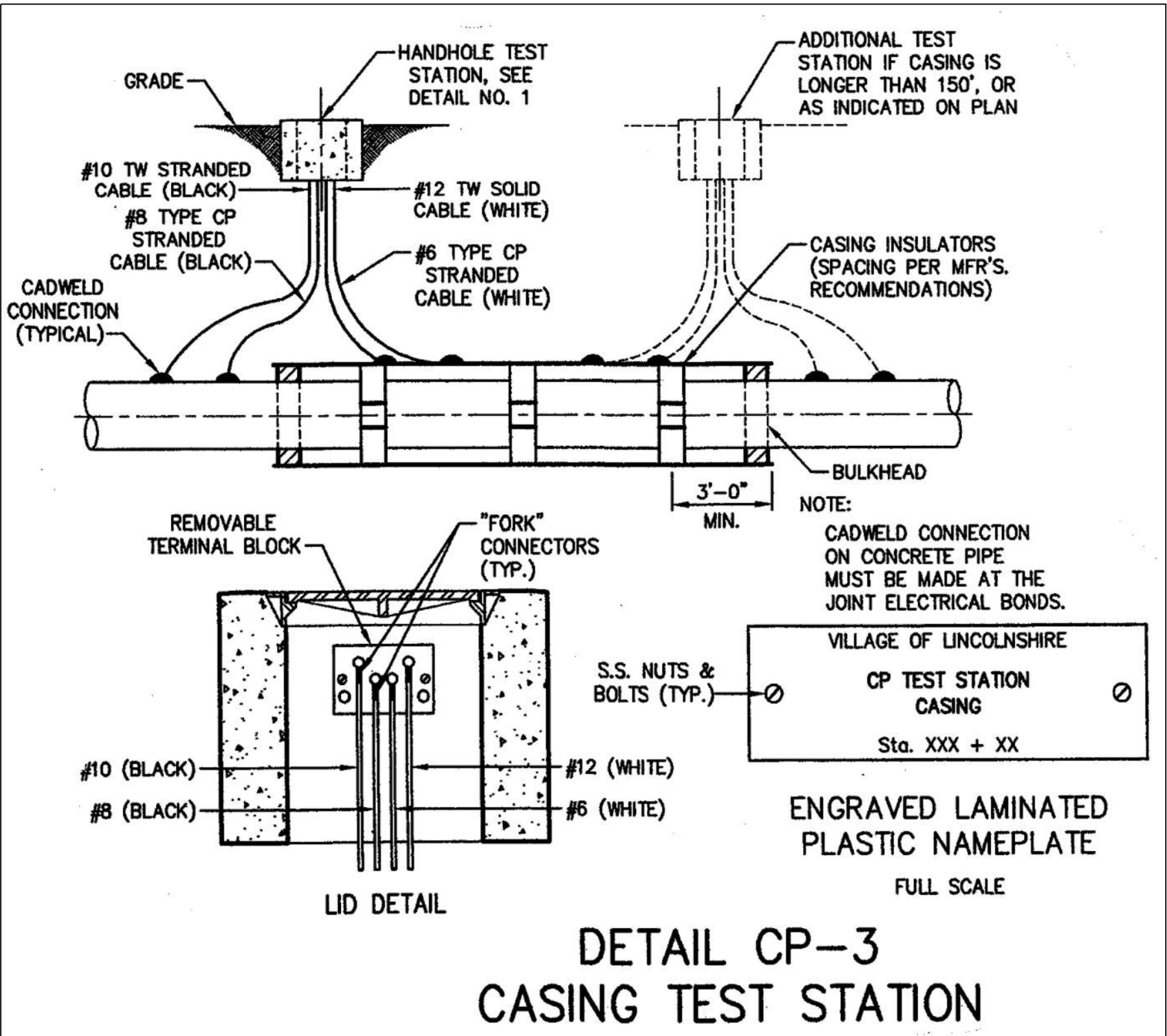
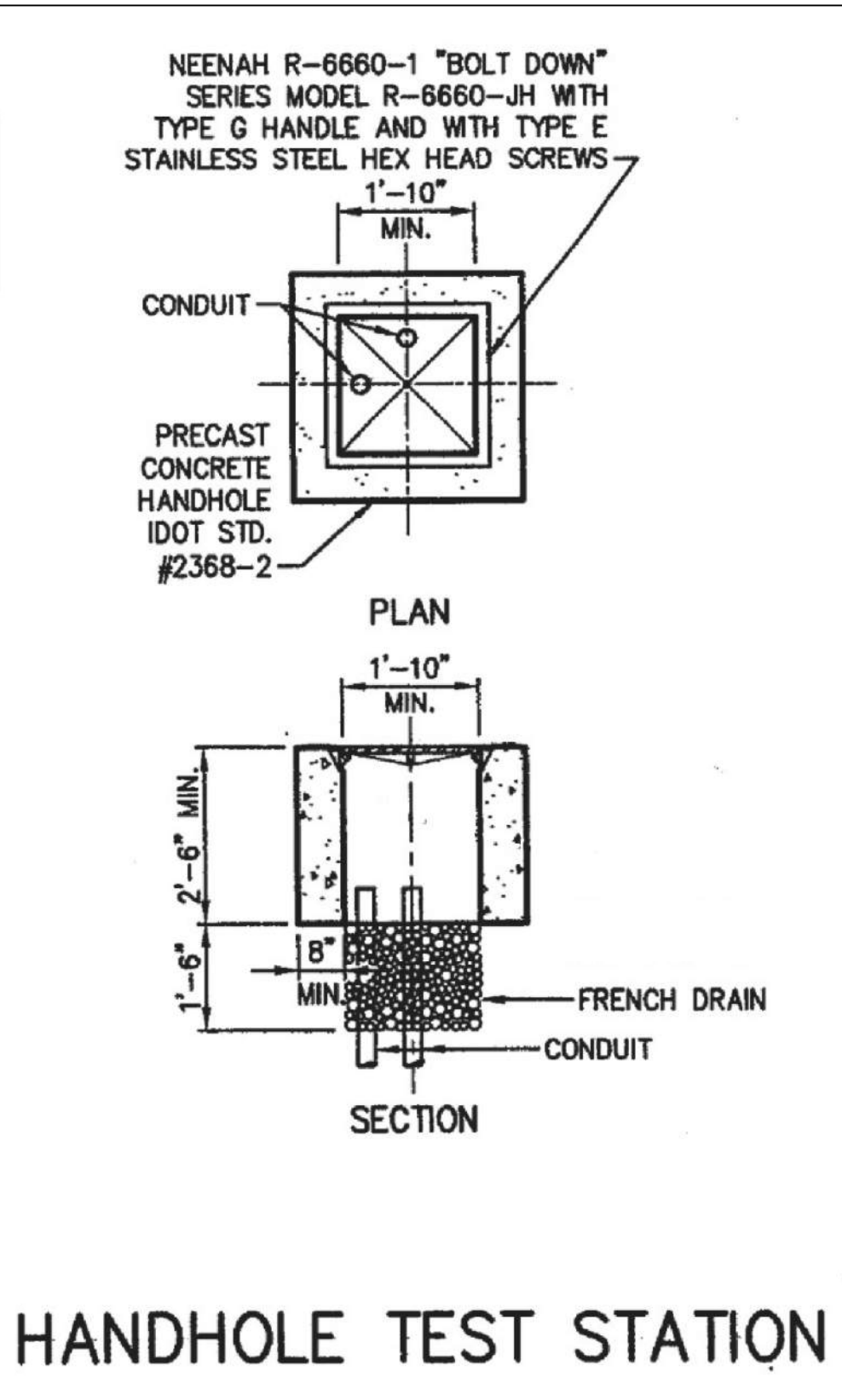
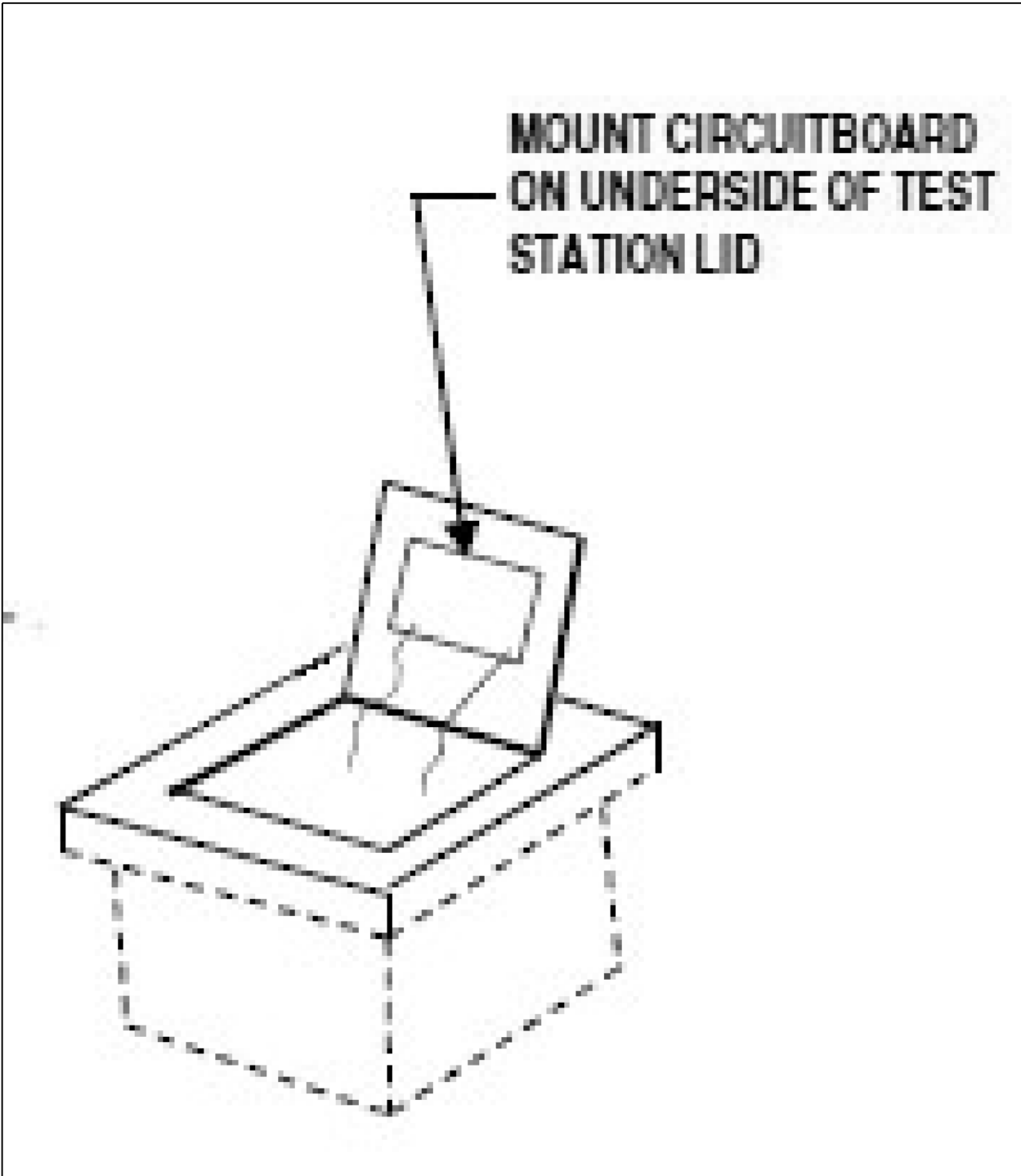
DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JAWA PROTECTION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

SECTION	COUNTY	SHEETS	NO.
2021-060-SW-TS&N	COOK	306	155
CONTRACT NO. 62N97			
ILLINOIS FED. AID PROJECT			



USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALES	DRAWN -	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	155A
CONTRACT NO. 62N97				
ILLINOIS FED. AID PROJECT				

POINT	STATION	OFFSET	ELEVATION
A	56+30.32	40.00' RT	810.83
B	56+36.32	40.00' RT	810.79
C	56+30.32	43.91' RT	810.76
D	56+36.32	42.00' RT	810.69
E	56+30.35	44.58' RT	810.80
F	56+36.35	42.58' RT	810.73
G	56+30.32	49.50' RT	810.92
H	56+36.32	49.50' RT	810.98
I	56+36.32	56.25' RT	811.08
J	56+61.32	56.25' RT	812.58
K	56+67.32	56.25' RT	812.67
L	56+30.32	62.25' RT	811.11
M	56+36.32	62.25' RT	811.17
N	56+61.32	62.25' RT	812.67
O	56+67.32	62.25' RT	812.76
P	56+30.32	65.25' RT	812.61
Q	56+36.32	65.25' RT	812.67
R	56+61.32	68.28' RT	813.10
S	56+67.32	68.25' RT	813.19
T	56+30.32	68.33' RT	812.66
U	56+36.32	68.33' RT	812.72
V	56+36.32	44.58' RT	810.76
W	56+30.32	56.25' RT	811.02
X	56+41.32	42.58' RT	811.13
Y	56+61.32	55.50' RT	811.11
Z	56+86.32	55.50' RT	810.92
AA	56+61.32	49.50' RT	811.05
AB	56+86.32	49.50' RT	810.86
AC	56+61.32	42.58' RT	810.98
AD	56+86.32	42.58' RT	810.79
AE	56+30.32	18.00' RT	811.27
AF	56+36.32	18.00' RT	811.23
AG	56+16.81	68.35' RT	812.46
AH	56+17.81	68.34' RT	812.41
AI	56+18.39	68.33' RT	812.45
AJ	56+16.85	73.35' RT	812.53
AK	56+17.85	73.34' RT	812.48
AL	56+18.43	73.33' RT	812.52
AM	56+30.32	73.33' RT	812.73
AN	56+36.32	73.33' RT	812.79
AO	56+46.32	73.28' RT	813.40
AP	56+46.32	68.28' RT	813.33
AQ	56+61.32	40.00' RT	810.60
AR	56+86.32	40.00' RT	810.41
AS	56+46.32	56.25' RT	811.79
AT	56+51.32	56.25' RT	811.87
AU	56+46.32	62.25' RT	811.88
AV	56+51.32	62.25' RT	811.96
AW	56+61.32	73.20' RT	813.17
AX	56+67.32	73.20' RT	813.26
AY	56+72.32	73.11' RT	(813.22)
AZ	56+72.32	68.23' RT	(813.20)

STATION AND OFFSET LOCATIONS ARE REFERENCED FROM IL 58 CL

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK / SHARED USE PATH
	DETECTABLE WARNINGS
	DEPRESSED CURB AND GUTTER

NOTES:

1. AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

IL 58 (GOLF RD)

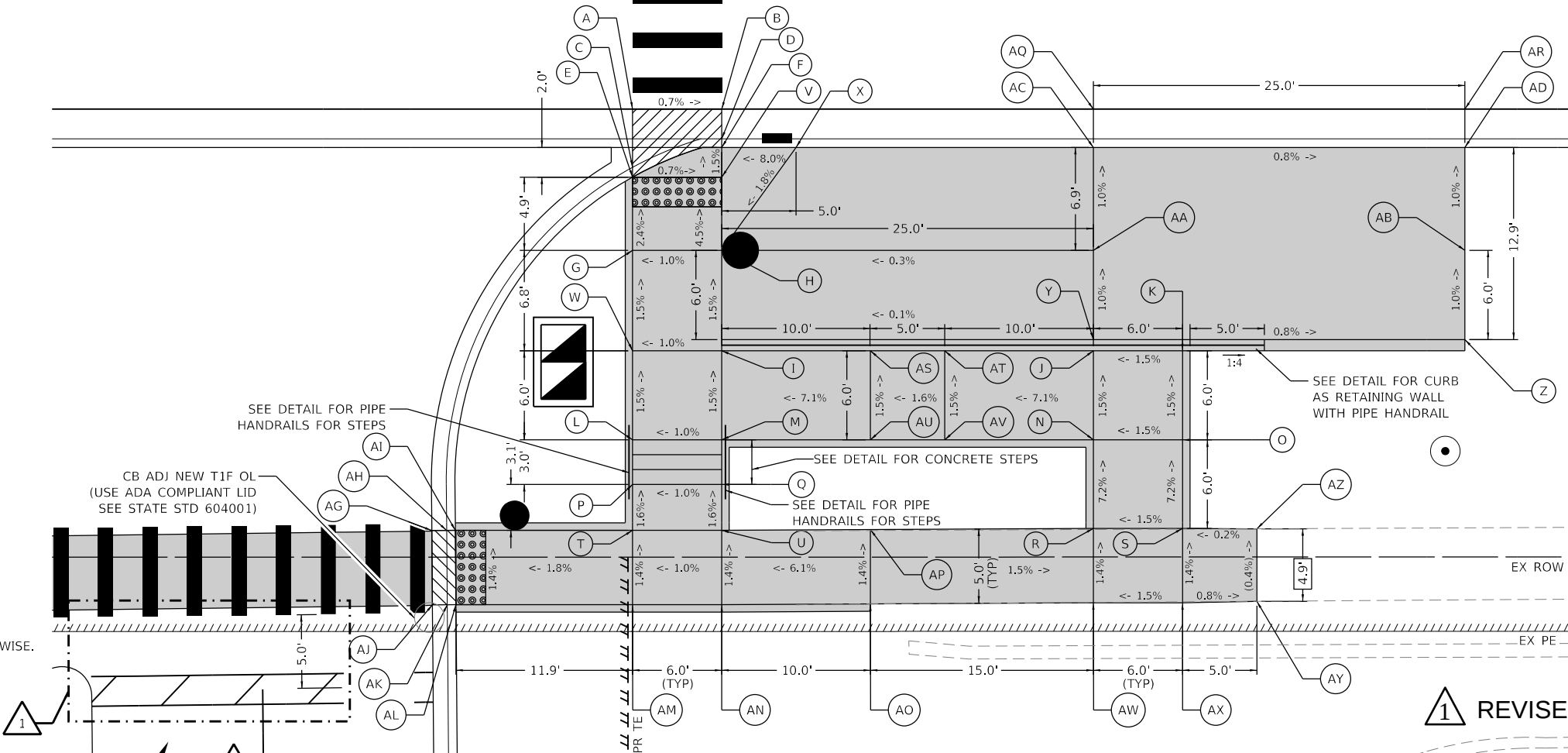
156

56

256

PR EB PGL IL 58

257



1 REVISED SHEET 7/16/2025

EFK Moen
Civil Engineering Design

USER NAME = JBerggren	DESIGNED -	REVISD - 1 7/11/2025 JB
	DRAWN -	REVISD -
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISD -
PLOT DATE = 7/14/2025	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
ADA DETAILS

SCALE: 1" = 5' SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	179
CONTRACT NO. 62N97				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: 2023.03.5.01 IDOT D1 PFB 199-012 WO 1 IL 58 at BarringtonDCNDesign Prelim\RotheetsD162N97-shr-sgn-schedule.dgn

PROPOSED SIGNING SCHEDULE												
SIGN NUMBER	PROPOSED STATION	PROPOSED OFFSET	PROPOSED MOUNTING TYPE	DESIGNATION	DESCRIPTION	PANEL WIDTH	PANEL HEIGHT	PANEL AREA	SIGN PANEL T1	SIGN PANEL T2	TELESCOPING STEEL SIGN SUPPORT	
						(IN)	(IN)	(SQ FT)	(SQ FT)	(SQ FT)	P1	P2
PR -01	42+46	39' RT	GROUND	D3 -2	STREET NAME	90	36	22.5		22.5	16.0	16.0
PR -02				NOT USED								
PR -03	47+03	46' RT	GROUND	W11 -15	TRAIL CROSSING	36	36	9.0	9.0		18.7	
PR -04	47+03	46' RT	GROUND	W11 -15P	TRAIL CROSSING PLAQUE	24	18	3.0	3.0			
PR -05	47+62	7' LT	GROUND	R4 -7	KEEP RIGHT	24	30	5.0	5.0		13.3	
PR -06	19+07	68' LT	GROUND	R1 -1	STOP	18	18	2.3	2.3		15.0	
PR -07	19+07	68' LT	GROUND	R5 -3	NO MOTOR VEHICLES	24	24	4.0	4.0			
PR -08	18+03	39' LT	GROUND	R3 -2	MOVEMENT PROHIBITION	36	36	9.0	9.0		16.0	16.0
PR -09	49+30	7' LT	GROUND	R3 -8	ADVANCE INTERSECTION LANE CONTROL	30	30	6.3	6.3		13.3	
PR -10	49+30	7' LT	GROUND	R4 -7	KEEP RIGHT	24	30	5.0	5.0			
PR -11	48+89	39' LT	GROUND	W9 -1	RIGHT LANE ENDS	36	36	9.0	9.0		16.0	16.0
PR -12	49+49	42' LT	TRAFFIC SIGNAL	M3 -4	CARDINAL DIRECTION - WEST	24	12	2.0	2.0			
PR -13	49+49	42' LT	TRAFFIC SIGNAL	M1 -1100	STATE ROUTE SIGN	24	24	4.0	4.0		15.0	
PR -14	49+11	60' LT	GROUND	R1 -1	STOP	18	18	2.3	2.3			
PR -51	49+11	60' LT	GROUND	R5 -3	NO MOTOR VEHICLES	24	24	4.0	4.0			
PR -15	49+61	40' LT	TRAFFIC SIGNAL	M1 -1100	STATE ROUTE SIGN	24	24	4.0	4.0			
PR -16	49+61	40' LT	TRAFFIC SIGNAL	M6 -4	DIRECTIONAL ARROW	21	15	2.2	2.2			
PR -17				NOT USED								
PR -18				NOT USED								
PR -19	22+88	50' LT	GROUND	R3 -5	RIGHT TURN ONLY	30	36	7.5	7.5		16.0	16.0
PR -20	24+56	41' LT	GROUND	D3 -2	STREET NAME	72	36	18.0		18.0	16.0	16.0
PR -21	50+78	70' LT	TRAFFIC SIGNAL	R3 -5	RIGHT TURN ONLY	30	36	7.5	7.5			
PR -22				NOT USED								
PR -23	50+74	15' RT	GROUND	R4 -7	KEEP RIGHT	24	30	5.0	5.0		13.3	
PR -24	50+74	15' RT	GROUND	R3 -8	ADVANCE INTERSECTION LANE CONTROL	30	30	6.3	6.3			
PR -25	52+70	15' RT	GROUND	R3 -8	ADVANCE INTERSECTION LANE CONTROL	30	30	6.3	6.3		13.3	
PR -26	53+94	50' LT	GROUND	R3 -5	RIGHT TURN ONLY	30	36	7.5	7.5		16.0	16.0
PR -27	54+94	45' LT	GROUND	D3 -2	STREET NAME	90	36	22.5		22.5	16.0	16.0
PR -28				NOT USED								
PR -29				NOT USED								
PR -30	60+28	5' LT	GROUND	R3 -5	LEFT TURN ONLY	30	36	7.5	7.5		13.8	
PR -31				NOT USED								
PR -32				NOT USED								
PR -33	50+55	70' RT	TRAFFIC SIGNAL	M1 -1100	STATE ROUTE SIGN	24	24	4.0	4.0			
PR -34	50+55	70' RT	TRAFFIC SIGNAL	M6 -4	DIRECTIONAL ARROW	21	15	2.2	2.2			
PR -35				NOT USED								
PR -36	50+62	62' RT	TRAFFIC SIGNAL	M3 -2	CARDINAL DIRECTION - EAST	24	12	2.0	2.0			
PR -37	50+62	62' RT	TRAFFIC SIGNAL	M1 -1100	STATE ROUTE SIGN	24	24	4.0	4.0			
PR -38	52+04	15' RT	GROUND	R6 -2	ONE WAY	30	36	7.5	7.5		13.8	
PR -39	52+04	15' RT	GROUND	R6 -2	ONE WAY	30	36	7.5	7.5			
PR -40	53+62	46' RT	GROUND	R2 -1	SPEED LIMIT	30	36	7.5	7.5		16.0	16.0
PR -41	54+29	4' RT	GROUND	R3 -5	LEFT TURN ONLY	30	36	7.5	7.5		13.8	
PR -41A	54+29	4' RT	GROUND	R3 -7	LEFT LANE MUST TURN LEFT	36	36	9.0	9.0			
PR -42	55+34	4' RT	GROUND	R4 -7	KEEP RIGHT	24	30	5.0	5.0		13.3	
PR -43				NOT USED								
PR -44				NOT USED								
PR -45	56+52	16' RT	GROUND	R3 -5	LEFT TURN ONLY	30	36	7.5	7.5		13.8	
PR -46	56+52	16' RT	GROUND	R4 -7	KEEP RIGHT	24	30	5.0	5.0			
PR -47	61+33	5' LT	GROUND	R4 -7	KEEP RIGHT	24	30	5.0	5.0		13.3	
PR -48	49+16	72' RT	GROUND	R10 -6a	STOP HERE ON RED	24	30	5.0	5.0		15.5	
PR -49	49+28	71' LT	GROUND	R10 -6a	STOP HERE ON RED	24	30	5.0	5.0		15.5	
PR -50	50+80	68' LT	GROUND	R10 -6a	STOP HERE ON RED	24	30	5.0	5.0		15.5	
PR -52	25+56	41' LT	GROUND	M2 -1P	JUNCTION	21	15	2.2	2.2		16.3	
PR -53	25+56	41' LT	GROUND	M1 -1100	STATE ROUTE SIGN	24	24	4.0	4.0			
PR -54	60+00	42' LT	GROUND	D3 -2	STREET NAME	90	36	22.5		22.5	16.0	16.0
TOTAL									214	86	535	



USER NAME = JBerggren	DESIGNED -	REVISED - 1 7/15/2025 JB
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
PROPOSED SIGNING SCHEDULE

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

1 REVISD ENTIRE SHEET 7/16/2025

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	189
CONTRACT NO. 62N97				
		ILLINOIS	FED. AID PROJECT	

SIGNING LEGEND

EX-XX	EXISTING SIGN TO REMAIN
REL-XX	RELOCATED SIGN
REM-XX	REMOVED SIGN
PR-XX	PROPOSED SIGN

EFK•Moen
Civil Engineering Design

USER NAME = J.Berggren	DESIGNED - SK	REVISED - 1 7/15/2025 JB
	DRAWN - SK	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

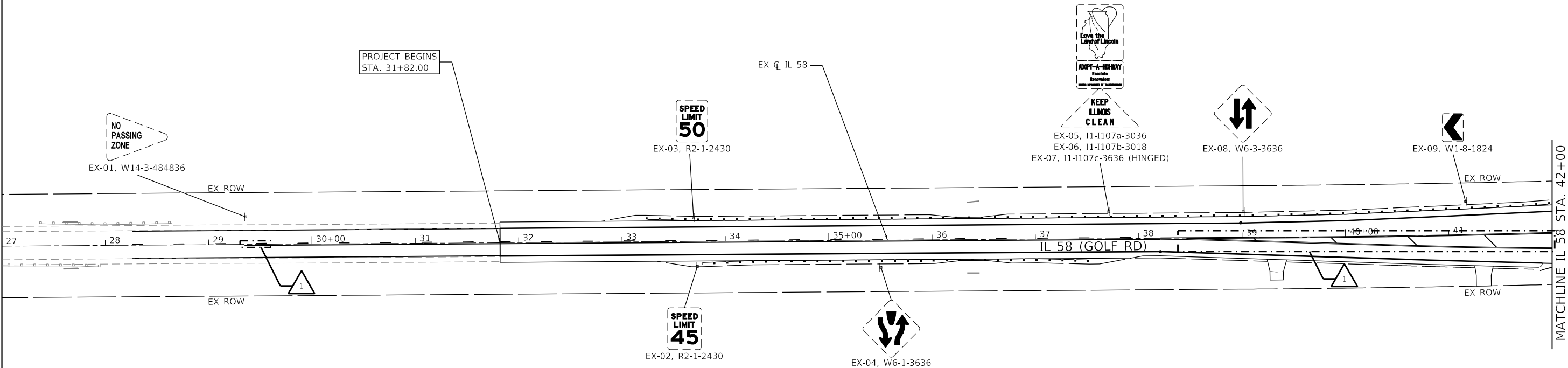
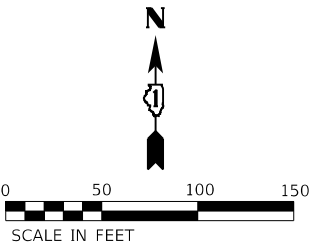
IL 58 AT BARRINGTON RD
EXISTING SIGNING PLAN

SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 42+00 TO STA. 55+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	191
CONTRACT NO. 62N97				
ILLINOIS FED. AID PROJECT				

1 REVISED SHEET 7/16/2025

MODEL Default
FILE Name: 2023-03-05-01 DDOT D1 PTL 199-012 WO 1 IL 58 at BarringtonDCNDesignPrelimRtthreesD162N97-shd-sign-ex-02.dgn



SIGNING LEGEND

	EX-XX	EXISTING SIGN TO REMAIN
	REL-XX	RELOCATED SIGN
	REM-XX	REMOVED SIGN
	PR-XX	PROPOSED SIGN

REVISED SHEET 7/16/2025

MODEL Default
FILE Name: 20250305.01 IDOT D1 PFB 199-012 WO 1 IL 58 at Barrington DGN Design Prelim(RotSheets)D162N97-sht-sgn-pr-01.dgn

EFK•Moen
Civil Engineering Design

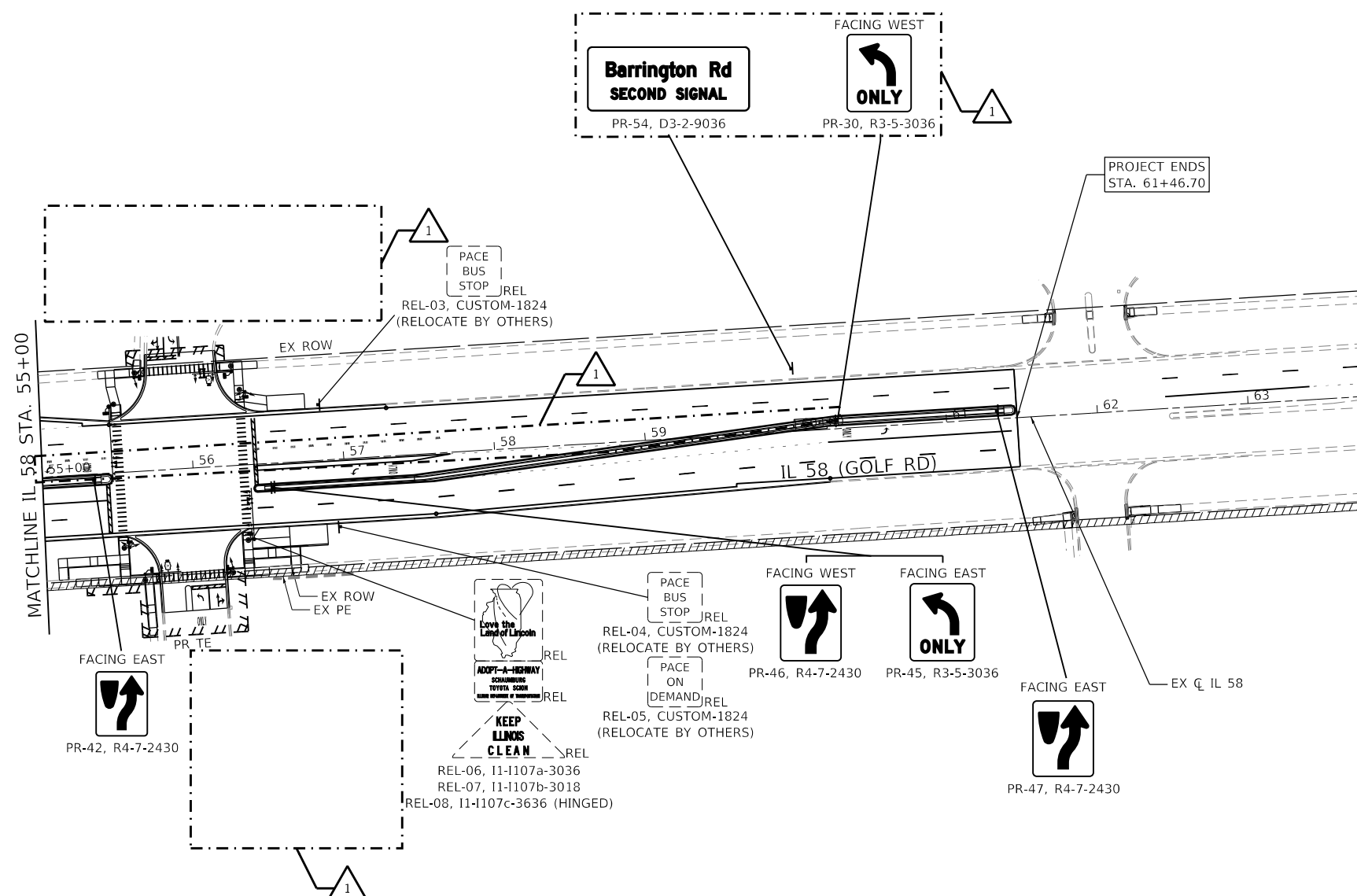
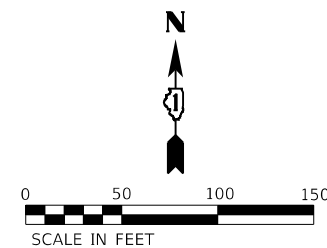
USER NAME = JBerggren	DESIGNED - SK	REVISED - 1 7/15/2025 JB
	DRAWN - SK	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - RG	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 58 AT BARRINGTON RD
PROPOSED SIGNING PLAN**

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 29+76 TO STA. 42+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	193
CONTRACT NO. 62N97				
		ILLINOIS	FED. AID PROJECT	



SIGNING LEGEND

	EX-XX	EXISTING SIGN TO REMAIN
	REL-XX	RELOCATED SIGN
	REM-XX	REMOVED SIGN
	PR-XX	PROPOSED SIGN

1 REVISED ENTIRE SHEET 7/16/2025

USER NAME = JBerggren	DESIGNED - SK	REVISED 1 7/15/2025 JB
	DRAWN - SK	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - RG	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 58 AT BARRINGTON RD
PROPOSED SIGNING PLAN**

SCALE: 1" = 50'	SHEET 3 OF 3 SHEETS	STA. 55+00 TO STA. 61+47
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	195
		CONTRACT NO. 62N97		
		ILLINOIS	FED. AID PROJECT	

USER NAME = JBjerggren	DESIGNED - SK	REVISED - 1 7/15/2025 JB
	DRAWN - SK	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 7/15/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 58 AT BARRINGTON RD SIGNING PLAN DETAILS

SCALE: N/A	SHEET 1 OF 2 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	196
		CONTRACT NO. 62N97		
		ILLINOIS	FED. AID PROJECT	

1 REVISED ENTIRE SHEET 7/16/2025

Diagram of a rectangular traffic sign with the following dimensions and text:

- Overall width: 7'-6"
- Overall height: 3'-0"
- Text: **Barrington Rd** (top line) and **NEXT SIGNAL** (bottom line)
- Internal dimensions (from left edge to text start): 10.7"
- Internal dimensions (between text lines): 68.6"
- Internal dimensions (from text end to right edge): 10.7"
- Vertical spacing on the right side (from top to bottom): 7.75", 8", 6.5", 6", 7.75"

SIGN NUMBER	D3-2
WIDTH x HGT.	7'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

[illegible]

Panel Style: D3-2 (Multi Lane).ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

[illegible]

Technical drawing of a rectangular traffic sign. The sign is white with a black border and contains the text "Barrington Rd" in a large, bold, sans-serif font, and "SECOND SIGNAL" in a smaller, bold, sans-serif font below it. The drawing includes dimension lines and arrows indicating the following measurements:

- Overall width: 7'-6"
- Overall height: 3'-0"
- Text height (Barrington Rd): 7.75"
- Text height (SECOND SIGNAL): 8"
- Vertical spacing between text lines: 6.5"
- Vertical spacing from bottom of sign to bottom of text: 6"
- Vertical spacing from top of sign to top of text: 7.75"
- Horizontal spacing from left edge to text: 10.7"
- Horizontal spacing between text and right edge: 10.7"
- Overall width of text area: 68.6"

SIGN NUMBER	D3-2
WIDTH x HGHT.	7'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

[illegible]

Panel Style: D3-2 (Multi Lane).ssi
Dimensions are in inches.tenths

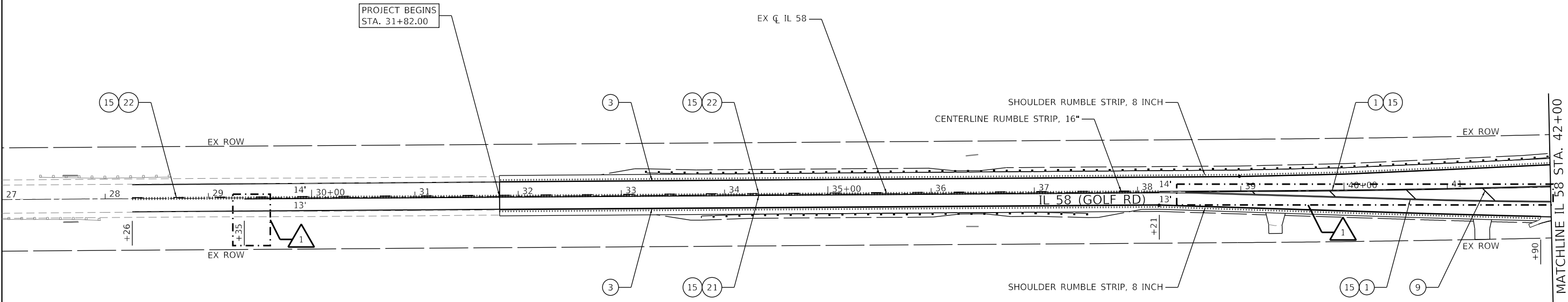
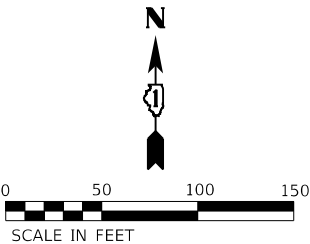
Letter locations are panel edge to lower left corner

[illegible]A triangle with the number 1 inside it.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	197
		CONTRACT NO. 62N97		
		ILLINOIS	FED. AID PROJECT	

1 REVISED ENTIRE SHEET 7/16/2025



PAVEMENT MARKING LEGEND

- | | | |
|--|---|--|
| 1 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C) | 9 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING [MINIMUM 5], 45° DIAGONAL, YELLOW) | 16 MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C) |
| 2 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) | 10 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (10' MAX. SPACING, 45° DIAGONAL, WHITE) | 17 MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE) |
| 3 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE) | 11 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (BICYCLE CROSSWALK) | 18 MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK) |
| 4 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE) | 12 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK) | 19 MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK) |
| 5 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | 13 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE) | 20 MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE) |
| 6 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE) | 14 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE) | 21 HOT SPRAY THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) |
| 7 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK) | 15 RAISED REFLECTIVE PAVEMENT MARKERS | 22 HOT SPRAY THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW) |
| 8 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE) | | |

- NOTES:
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO DISTRICT DETAIL TC-13.
 - ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO DISTRICT DETAIL TC-11.

1 REVISED ENTIRE SHEET 7/16/2025

EFK•Moen
Civil Engineering Design

USER NAME = JBerggren	DESIGNED -	REVISED - 1 7/15/2025 JB
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 29+76 TO STA. 42+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	198
CONTRACT NO. 62N97				
		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING LEGEND

- 1

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- 2

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
- 3

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)
- 4

THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, WHITE)
- 5

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- 6

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (2' - DASH, 6' - SKIP, WHITE)
- 7

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK)
- 8

THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)
- 9

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (75' - SPACING [MINIMUM 5], 45° DIAGONAL, YELLOW)
- 10

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (10' MAX. SPACING, 45° DIAGONAL, WHITE)
- 11

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (BICYCLE CROSSWALK)
- 12

THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK)
- 13

THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)
- 14

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE)
- 15

RAISED REFLECTIVE PAVEMENT MARKERS
- 16

MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, AT 11" C-C)
- 17

MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE)
- 18

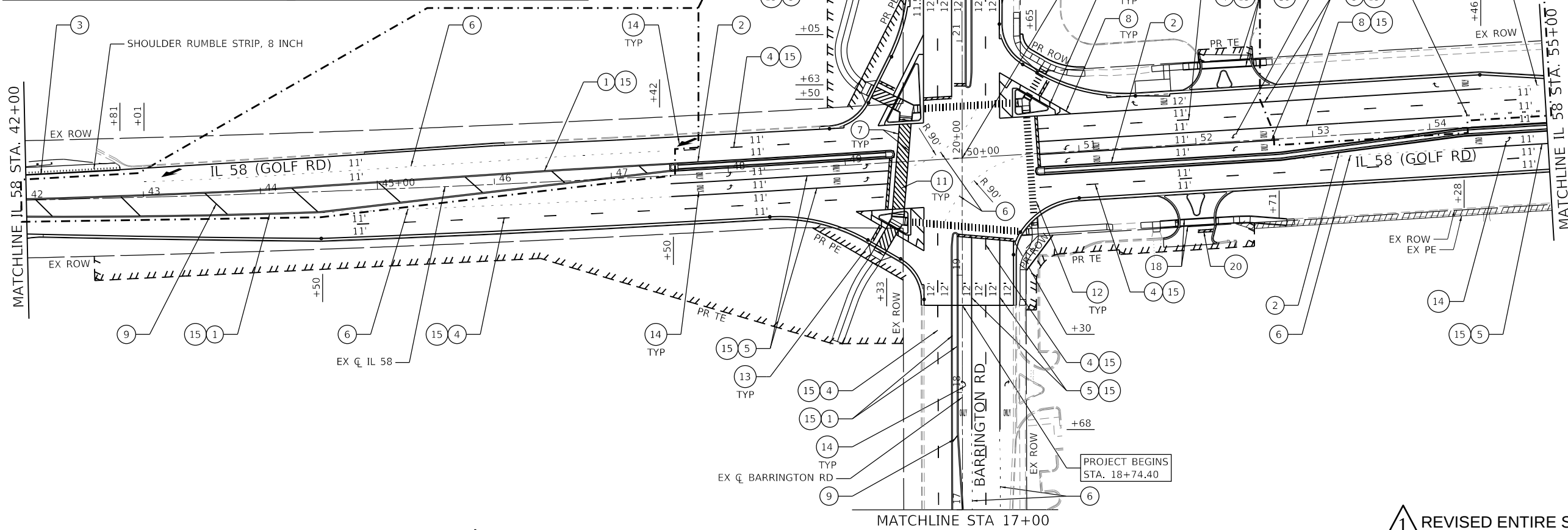
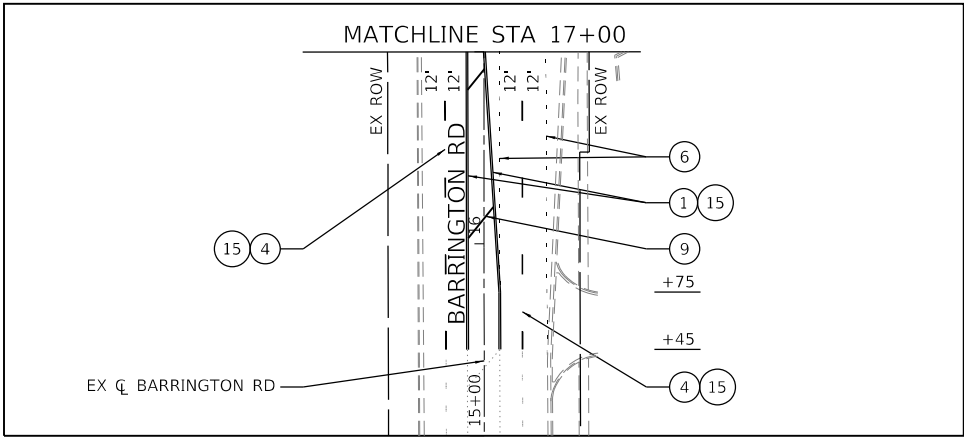
MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (PEDESTRIAN CROSSWALK)
- 19

MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SCHOOL CROSSWALK)
- 20

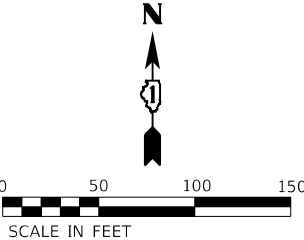
MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (WHITE)
- 21

HOT SPRAY THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)
- 22

HOT SPRAY THERMOPLASTIC PAVEMENT MARKING - LINE 4" (10' - DASH, 30' - SKIP, YELLOW)

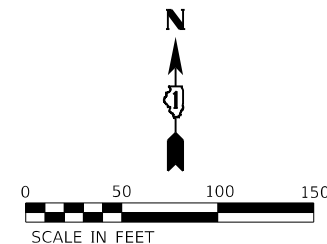
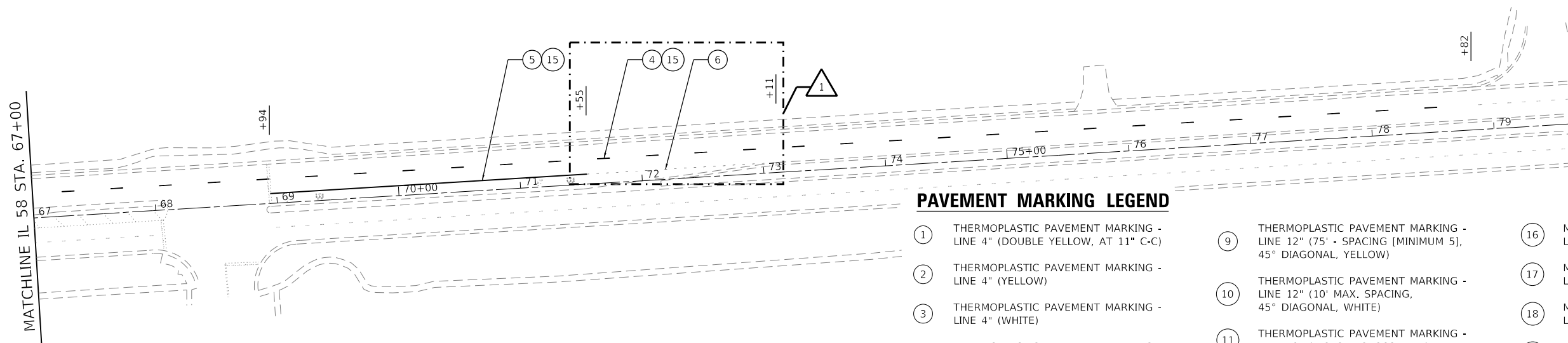
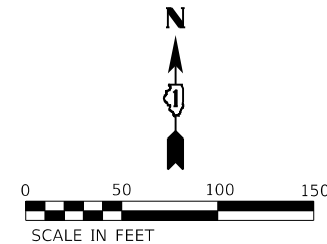
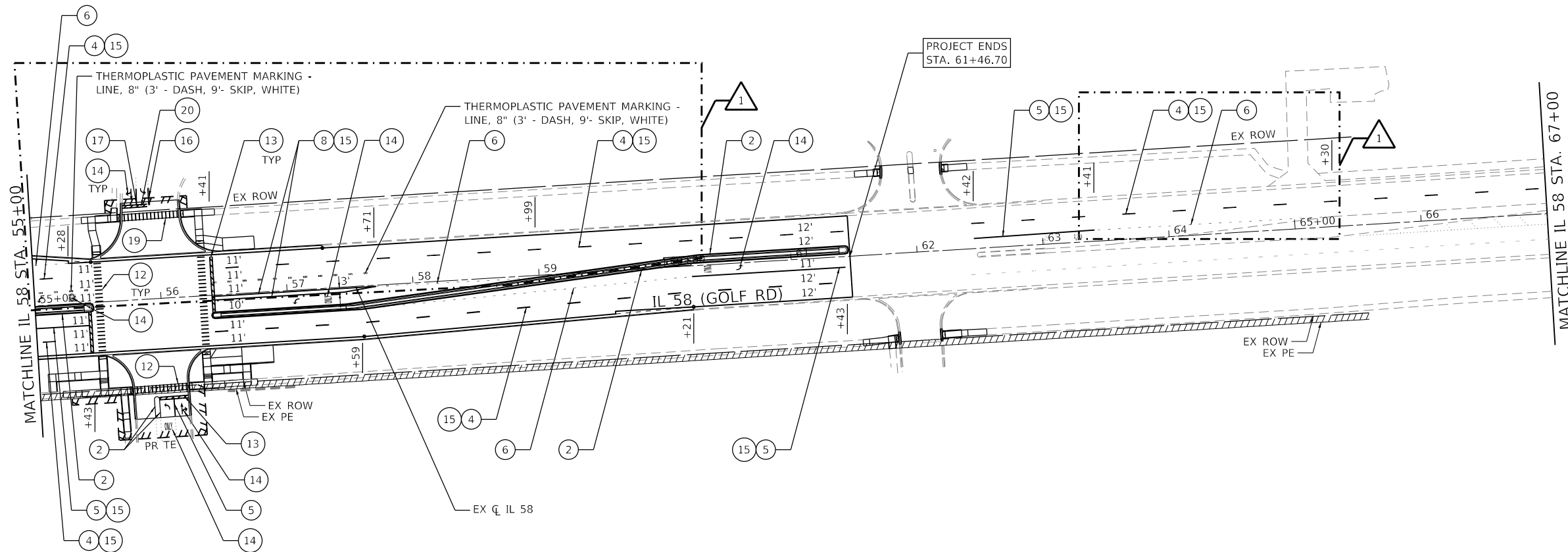


- NOTES:
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO DISTRICT DETAIL TC-13.
 - ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO DISTRICT DETAIL TC-11.



USER NAME = JBerggren	DESIGNED -	REVISED - 1 7/15/2025 JB
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/14/2025	DATE -	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	199
CONTRACT NO. 62N97				
ILLINOIS FED. AID PROJECT				



- NOTES:
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PAVEMENT MARKING LEGEND

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1 REVISED SHEET 7/16/2025

EFK•Moen
Civil Engineering Design

USER NAME = JBerggren	DESIGNED -	REVISED - 1 7/15/2025 JB
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/14/2025	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 58 AT BARRINGTON RD
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. 55+00 TO STA. 79+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
559	2021-060-SW-TS&N	COOK	306	200
CONTRACT NO. 62N97				
ILLINOIS FED. AID PROJECT				