06-11-2021 LETTING ITEM 155

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGE OF BOLINGBROOK

TRAFFIC DATA:

0

0

0

INTERSTATE 55 S.N. 099-0028 2018 ADT = 122,900 S.N. 099-0260 2018 ADT = 133,600

DESIGN CLASSIFICATION = INTERSTATE (I-55) (URBAN)

DESIGN SPEED = 60 MPH (ASSUMED)

POSTED SPEED = 55 MPH

2018 ADT IL-53 ADT= 33.200 JOILET RD ADT= 30.300

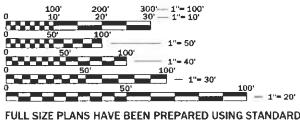
DESIGN CLASSIFICATION = IL-53: PRINCIPLE ARTERIAL JOLIET RD: MINOR ARTERIAL

> **JOLIET ROAD** S.N. 099-0028

ILLINOIS ROUTE 53 S.N. 099-0260

DESIGN SPEED = IL-53: 45 MPH (ASSUMED) **JOILET RD: 45 MPH (ASSUMED)**

POSTED SPEED = IL-53: 40 MPH **JOILET RD: 45 MPH**



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

MEADE ELECTRIC CO., DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR LOCATES IDOT ELECTRICAL **EQUIPMENT AND UNDERGROUND CABLES 773-287-7672**

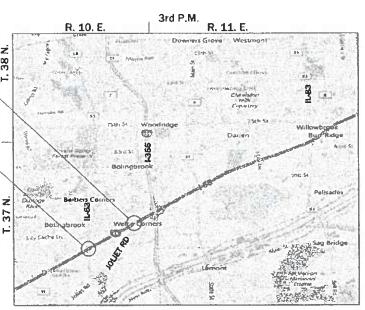
PROJECT ENGINEER; PRAVEEN KAINI, PE. (847-705-4237) PROJECT MANAGER: J. ALAIN MINDY, PE, (847-221-3056)

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAI ROUTE 55 (I-55) OVER IL-53 AND JOLIET RD **SECTION 2018-043-BD&BJR IL-53: BRIDGE WIDENING WITH DECK** REPLACEMENT AND SUBSTRUCTURE REPAIR JOLIET RD: BRIDGE WIDENING WITH SUPERSTRUCTURE REPLACEMENT AND SUBSTRUCTURE REPAIR PROJECT NO. NHPP-L1VM(532) **WILL COUNTY**

C-91-289-18



DUPAGE TOWNSHIP

LOCATION MAP NOT TO SCALE

GROSS LENGTH = 5,360.00 FT. = 1.02 MILES NET LENGTH = 2,739.00 FT. = 0.52 MILES



Illinois Registered Engineer No. 062-064219 Registration Expires Nov. 30, 2021



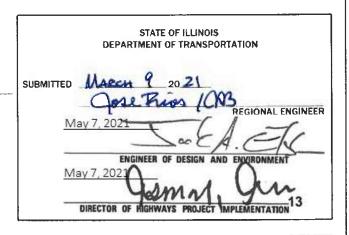
3/4/2021

Illinois Registered Engineer No. 062-055846 Registration Expires Nov. 30, 2021

* 430 + 2 = 432 TOTAL SHEETS







PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REVISED SHEET 6/3/2021

REV-SEP

CONTRACT NO. 62H03

INDEX OF SHEETS

- INDEX, HIGHWAY STANDARDS & GENERAL NOTES
- SUMMARY OF QUANTITIES
- * ^{23 32} SCHEDULE OF QUANTITIES
- 33 36 ALIGNMENT, TIES, AND BENCHMARKS
- 37 38 TYPICAL SECTIONS
- 39 81 STAGING PLAN
- 82 84 ROADWAY PLAN
- 85 87 DRAINAGE PLAN
- PAVEMENT MARKING PLAN 88 - 97
- SIGNING DETAILS 100 - 109 OVERHEAD SIGN STRUCTURE PLAN
- 110 111 EROSION CONTROL PLAN
- 112 113 GRADING PLAN
- 114 136 TRAFFIC SIGNAL PLAN
- 137 173 LIGHTING PLAN
- 174 200 ITS PLAN
- 201 266 S.N. 099-0260 PLAN
- 267 280 S.N. 099-W100 PLAN
- 281 353 S.N. 099-0028 PLAN
- 354 378 S.N. 099-0260 CROSS SECTIONS
- 379 415 S.N. 099-0028 CROSS SECTIONS
- 416 430 DISTRICT ONE STANDARDS

* 032A &032B SHEETS ADDED HERE \(\frac{1}{2}\)

HIGHWAY STANDARDS

000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

- DECIMAL OF AN INCH AND OF A FOOT 001006
- TEMPORARY EROSION CONTROL SYSTEMS 280001-07
- PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB 420401-13
- 442101-09 CLASS B PATCHES
- CLASS C AND D PATCHES 442201-03
- HMA SHOULDER ADJACENT TO RIGID PAVEMENT 482006-03
- 515001-04 NAME PLATE FOR BRIDGES
- METAL FLARED END SECTION FOR PIPE CULVERTS 542401-04
- 601001-05 PIPE UNDERDRAINS
- 601101-02 CONCRETE HEADWALL FOR PIPE UNDERDRAINS
- 602301-04 INLET TYPE A
- 602401-07 PRECAST MANHOLE TYPE A 4' (1.22M) DIAMETER 604001-05
- FRAME AND LIDS, TYPE 1 604071-06 FRAME AND GRATE TYPE 20
- 606201-04 TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE) 610001-09 SHOULDER INLET WITH CURB
- 630001-12 STEEL PLATE REAM GUARDRAIL
- SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS 630301-09
- TRAFFIC BARRIER TERMINAL TYPE 2 631011-10
- TRAFFIC BARRIER TERMINAL, TYPE 6 631031-17
- 631033-08 TRAFFIC BARRIER TERMINAL, TYPE 6B 631046-04 TRAFFIC BARRIER TERMINAL, TYPE 10
- 635001-02 **DELINEATORS**
- 637006-05 CONCRETE BARRIER DOUBLE FACE, 44 IN. (1120 MM) HEIGHT
- 642001-02 SHOULDER RUMBLE STRIPS, 16 IN.
- 664001-02 CHAIN LINK FENCE
- OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY 701001-02
- OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) 701006-05
- FROM PAVEMENT EDGE
- OFF-ROAD OPERATIONS, 2L, 2W, DAY ONLY 701011-04
- 701101-05 OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15"(4.5 M) AWAY
- 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-12 LANE CLOSURE, FREEWAY/EXPRESSWAY
- LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH 701411-09
- 701427-05 LANE CLOSURE. MULTILANE. INTERMITTENT OR MOVING OPERATION. FOR SPEEDS < 40
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701446-10 TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- URBAN LANE CLOSURE, MULTILANE INTERSECTION 701701-10 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701801-06 701901-08 TRAFFIC CONTROL DEVICES
- TEMPORARY CONCRETE BARRIER 704001-08 SIGN PANEL MOUNTING DETAILS 720001-01
- 720006-04 SIGN PANEL ERECTION DETAILS
- 725001-01 OBJECT AND TERMINAL MARKERS
- 782006-01 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800) 892-0123 OR 811 AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES ARE IN THE AREA. 48 HOUR NOTIFICATION IS REQUIRED

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH TEMPORARY MARKINGS. IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR PROPOSED STRIPING AT THE COMPLETION OF THIS CONTRACT. EXACT LOCATIONS OF ALL PROPOSED PAVEMENT MARKINGS SHALL BE DIRECTED BY THE RESIDENT ENGINEER.

THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND THE VILLAGES OF BOLINGBROOK AND ROMEOVILLE

THE CONTRACTOR SHALL CONTRACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155. ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV, AND THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT CARLOSMUNOZ@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING ANY WORK

THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC

THE CONTRACTOR SHALL USE CARE NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKDAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT

PERMANENT PAVEMENT MARKINGS SHALL BE AS SPECIFIED IN THE PLANS AND SHALL BE PLACED IN ACCORDANCE WITH THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAILS. (TC-12, MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS AND TC-13. DISTRICT ONE TYPICAL PAVEMENT MARKINGS)

THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULL LOADED TANDEM AXLE TRUCK.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

ALL STAGE CHANGES REQUIRING THE STOPPING AND/OR THE PACING OF TRAFFIC SHALL TAKE PLACE DURING THE ALLOWABLE HOURS FOR FULL EXPRESSWAY CLOSURES AND SHALL BE APPROVED BY THE DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT LEAST 3 WORKING DAYS (WEEKENDS AND HOLIDAYS DO NOT COUNT INTO THIS 72 HOURS NOTIFICATION) IN ADVANCE OF ANY PROPOSED STAGE CHANGE.

A MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR 14 DAYS IN ADVANCE OF ANY STAGE CHANGES OR FULL EXPRESSWAY CLOSURES. THE MAINTENANCE OF TRAFFIC PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO: LANE AND RAMP CLOSURES, EXISTING GEOMETRICS, AND EOUIPMENT AND MATERIAL LOCATION.

AGGREGATE SUBGRADE IMPROVEMENT SHALL BE USED TO REPLACE ANY UNSUITABLE SOILS BELOW THE BOTTOM OF THE IMPROVED SUBGRADE LAYER THAT ARE ENCOUNTERED IN THE FIELD DURING CONSTRUCTION. THE NEED FOR REMOVAL AND REPLACEMENT SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER OR SOILS INSPECTOR, ALL POTENTIALLY UNSTABLE SOILS SHALL BE TESTED WITH A CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. ANY MATERIAL NOT NEEDED FOR UNDERCUT REPLACEMENT AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.

GEOTEXTILE FABRIC SHALL BE PLACED AT THE BASE OF UNDERCUT AREAS WHERE LOW STRENGTH SUBGRADE SOILS ARE ENCOUNTERED. GEOTEXTILE FABRIC SHALL NOT BE PLACED AT THE BASE OF THE PROPOSED 12 INCH IMPROVED SUBGRADE LAYER UNLESS IT IS DETERMINED NECESSARY TO ACHIEVE STABILITY BY THE GEOTECHNICAL ENGINEER OR SOILS INSCPECTOR. GEOTEXTILE FABRIC SHOULD MEET THE REQUIREMENTS OF ARTILCE 210, FABRIC FOR GROUND STABILIZATION, OF THE SSRBC. ANY MATERIAL NOT NEEDED AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR.

THE STRIPPED TOPSOIL SHALL BE STOCKPILED. SORTED. AND REUSED FOR THE PROPOSED LANDSCAPING IMPROVEMENTS THE ACTUAL REMOVAL DEPTH AND QUANTITY OF TOPSOIL REMOVAL SHALL BE VERIFIED IN THE FIELD.

THE INTERCHANGE AT I-55 AND IL 53 WILL NOT BE AVAILABLE TO THE CONTRACTOR FOR ANY PURPOSE IN ORDER TO PROTECT THE ONRAMENTAL LANDSCAPING PRESENT AT THE SITE

COMMITMENTS

HOT- MIX ASPHALT MIXTURE REQUIREMENTS					
MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)			
HOT-MIX ASPHALT SHOULDER, 15"					
HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70; 2"	4% @ 70 GYR.	QC/QA			
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 13"	4% @ 70 GYR.	QC/QA			
FILLING EXISTING RUMBLE STRIP					
HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70, 1.5"	4% @ 70 GYR.	QC/QA			
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE; QUA	LITY CONTROL FO	OR PERFORMANCE (QCP)			
CLASS D PATCH (HOT-MIX ASPHALT BINDER COURSE IL-19.0)	4% @ 70 GYR.	QC/QA			
TEMPORARY PAVEMENT					
HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70; 2"	4% @ 70 GYR.	QC/QA			
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 13"	4% @ 70 GYR.	QC/QA			
· · · · · · · · · · · · · · · · · · ·		·			

MIXTURE TABLE NOTES

- 1. THE UNIT WEIGHT USED TO CALCUALTE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.
- 2. 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 SPECIAL PROVISIONS.
- 3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS
- 4. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

AGGREGATE SHOULDERS	1.60 TON/CU YD
SEEDING, CLASS 2A	200 LB/ACRE
SHORT TERM PAVEMENT MARKING	10 FT/100 FT
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
GRANULAR MATERIAL	2.05 TONS/CU YD
MULCH	2 TON/ACRE

DISTRICT STANDARDS

- TC-08 ENTRANCE AND EXIT RAMP CLOSURE DETAILS
- TC-09 TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC-12 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
- DISTRICT ONE TYPICAL PAVEMENT MARKINGS TC-13
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) TC-14
- TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP TC-17 CLOSURES
- TC-18 FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS
- TC-22 ARTERIAL ROAD INFORMATION SIGN TC-25
- TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHOULDER LANE TC-26 DRIVEWAY ENTRANCE SIGNING
- TC-27 MILE POST MARKERS - GORE SIGNS - MAJOR GUIDE SIGN LAYOUT - ARROWS
- DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS TS-05
- BENCHING DETAIL FOR EMBANKMENT WIDENING BD-51
- BE-305 LIGHT POLE FOUNDATION, METAL
- BE-322 24" (609.6 MM) DIA. LIGHT POLE FOUNDATION INTEGRAL WITH DOUBLE FACE BARRIER WALL
- BE-702 MISC. ELECTRICAL DETAILS SHEET A
- BE-703 MISC. ELECTRICAL DETAILS SHEET B. J BOX EMBEDDED IN BARRIER WALL - INSTALLATION OF CONDUIT IN BRIDGE PARAPET EXPANSION JOINT - ELECTRIC CONNECTION TO UNDERPASS LIGHTING
- TEMPORARY LIGHT POLE DETAILS BF-800 TEMPORARY AERIAL CABLE INSTALLATION BE-801
- SUSPENDED MOUNT LED UNDERPASS LUMINAIRE INSTALLATION DETAILS BE-901

COMMUNICATIONS VAULT, COMPOSITE CONCRETE

REVISED SHEET 6/3/2021

REV-SEP COUNTY WILL | 430 |

LIN ENGINEERING.LTD Consulting Engineers

REVISED DESIGNED -JSER NAME = 14nho DRAWN RC REVISED LOT SCALE = 2.0000 ' / in. HECKED REVISED REVISED PLOT DATE = 4/15/2021 DATE 4/2021

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 55 (I-55) INDEX, HIGHWAY STANDARDS, & GENERAL NOTES SCALE: N.T.S. | SHEET 1 OF 1 SHEETS STA.

BE-705

55 2018-043-BD&BJR CONTRACT NO. 62H03

EARTH EXCAVATION

		VOLUM	
IGNMENT	STATION	CU	
		CUT	FILL
I-55	201+75.00		
		0.44	0.00
I-55	202+00.00		
		2.09	0.00
I-55	202+50.00		
		2.12	0.00
I-55	203+00.00		
		3.05	0.00
I-55	203+50.00		
		5.60	0.22
I-55	204+00.00		
		2.83	0.34
I-55	204+08.44		
		24.43	8.17
I-55	204+50.00		
		34.86	23.66
I-55	205+00.00		
		38.65	30.41
I-55	205+50.00		
		40.09	31.97
I-55	206+00.00		
		41.21	39.22
I-55	206+50.00		
		43.28	43.26
I-55	207+00.00		
		42.98	39.28
I-55	207+50.00	12.50	00,10
	207.730.00	52.93	22.44
I-55	207+85.88	32.33	LLIII
	207 103.00	26.07	7.75
I-55	208+00.00	20.07	,,,,
		52.71	16.44
I-55	208+26.73	32.71	10.74
1.00	200120.73	36.40	9.63
I-55	208+50.00	30.70	5.05
	200130.00	9.45	5.05
I-55	208+75.00	3.43	رن.ر
1-77	200 + 75.00	0.00	4.17
I-55	209+00.00	0.00	4.1/
۵-۱-۲	203+00.00	0.00	2.79
1.55	200+25.00	0.00	2.19
I-55	209+25.00	0.00	1 50
155	200 50 00	0.00	1.58
I-55	209+50.00	0.00	0.00
1.55	200 50 00	0.00	0.00
I-55	209+50.00	450.10	206.20
	CU YD	459.18	286.38
	ROUNDED	SUBTOTAL	460.00

		VOLUM	E (CY)
ALIGNMENT	STATION	CU	YD
		CUT	FILL
I-55	210+50.00		
		0.00	7.85
I-55	211+00.00		
		31.60	10.53
I-55	211+50.00		
		7.38	0.38
I-55	211+54.54	,,,,,,	0.00
	222131131	57.30	4.96
I-55	212+00.00		
		26.33	8.23
I-55	212+50.00		0.23
. 55	_12.50.00	26.12	6.60
I-55	213+00.00	20.12	0.00
1-55	213+00.00	24.01	3.41
I-55	213+50.00	24.01	J.+1
دد-۱	213730.00	20.78	2.35
1.55	214+00 00	20.76	2.33
I-55	214+00.00	19.88	2.40
TEF	214 50 00	19.88	2.40
I-55	214+50.00	10.71	4.20
1.55	215 - 00 00	19.71	4.20
I-55	215+00.00	4.07	2.14
	215 - 25 62	4.87	2.14
I-55	215+25.00		4.00
		0.00	1.22
I-55	215+50.00		
		0.00	2.40
I-55	216+00.00		
		0.00	2.37
I-55	216+50.00		
		0.00	1.17
I-55	216+75.00		
		0.00	0.78
I-55	216+91.68		
		0.73	0.20
I-55	217+00.00		
		9.27	0.00
I-55	217+25.00		
		14.93	0.00
I-55	217+50.00		
		3.99	0.00
I-55	217+56.49	3.33	5.55
		0.00	0.00
I-55	217+56.49	0.00	0.00
1-00	CU YD	266.89	61.21
	ROUNDED	SUBTOTAL	270.00
	NOUNDED	JUDIOTAL	270.00

		VOLUM	E (CY)
ALIGNMENT	STATION	CU	YD
		CUT	FILL
I-55	286+23.20		
		5.08	0.00
I-55	286+50.00		
		9.34	0.00
I-55	287+00.00		
		9.52	0.00
I-55	287+50.00		
		9.28	0.00
I-55	288+00.00		
		9.04	0.00
I-55	288+50.00		
		9.14	0.00
I-55	289+00.00		
		9.22	0.00
I-55	289+50.00		
		9.40	0.00
I-55	290+00.00		
		9.48	0.00
I-55	290+50.00		
		9.46	0.00
I-55	291+00.00		
		0.00	0.00
I-55	291+00.00		
	CU YD	88.96	0.00
	ROUNDED	SUBTOTAL	90.00

A LICAINATESET	CTATION:	VOLUM		
ALIGNMENT	STATION	CU		
		CUT	FILL	
I-55	294+03.69			
		17.59	0.00	
I-55	294+50.00			
		34.05	0.00	
I-55	295+00.00			
		42.41	0.47	
I-55	295+50.00			
		44.24	1.45	
I-55	296+00.00			
		48.38	1.85	
I-55	296+50.00			
		51.27	1.65	
I-55	297+00.00			
		53.57	0.96	
I-55	297+50.00	33.37	0.50	
1 3 3	237 130.00	55.61	0.19	
I-55	298+00.00	33.01	0.13	
1-33	290100.00	28.05	0.00	
I-55	298+15.51	20.03	0.00	
1-33	290+13.31	71.36	0.00	
I-55	298+50.00	/1.50	0.00	
1-33	290+30.00	60.42	0.00	
1.55	200 - 00 00	60.42	0.00	
I-55	299+00.00	20.60	0.00	
1.55	200 - 26 04	38.68	0.00	
I-55	299+26.84	44.10	0.51	
	200 50 00	44.10	0.51	
I-55	299+50.00			
	200 - 77 - 7	67.72	5.81	
I-55	300+00.00			
		37.71	6.33	
I-55	300+50.00			
		6.17	9.69	
I-55	300+75.00			
		0.00	23.99	
I-55	301+00.00			
		3.28	16.50	
I-55	301+25.00			
		6.12	3.62	
I-55	301+50.00			
		6.07	2.72	
I-55	301+75.00			
		12.70	0.50	
I-55	302+00.00	12.7.0	0.50	
			l .	

		VOLUM	E (CY)
ALIGNMENT	STATION	CU	YD
		CUT	FILL
I-55	302+50.00		
		9.12	5.68
I-55	302+75.00		
		22.01	6.34
I-55	303+00.00		
		28.84	17.81
I-55	303+25.00		
		15.95	17.16
I-55	303+50.00		
		1.04	0.00
I-55	304+00.00		
		1.26	0.00
I-55	304+50.00		
		0.22	0.00
I-55	305+00.00		
		0.00	0.00
I-55	305+50.00		
		0.00	0.00
I-55	306+00.00		
	205 25 00	0.00	0.00
I-55	306+25.00		
	200 1101	0.00	0.00
I-55	306+44.01		
		0.00	0.00
I-55	306+44.01		
	CU YD	78.44	46.99
	ROUNDED	SUBTOTAL	80.00

LIN ENGINEERING,LTD.

Consulting Engineers

Westmont, Illnois

_					
	USER NAME = rober	DESIGNED -	NH	REVISED	- 1 04/21/2021 RC
		DRAWN -	NH	REVISED	-
	PLOT SCALE = 2.0000 ' / in.	CHECKED -	ST	REVISED	-
	PLOT DATE = 6/2/2021	DATE -	4/2021	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

		;					5 (I-55) ANTITIES
SCALE:	N.T.S.	SHEET	10A	OF	10	SHEETS	STA.

TO STA.

CU YD 729.48 76.24 ROUNDED SUBTOTAL 730.00

	<u> </u>	DED	ENT	IRE SHEET	6/3/2	2021
F.A.I. SECTION COUNTY TOTAL SHEET NO.						
55 2018-043-BD&BJR			₹	WILL	430	32A
CONTRACT NO. 62H03						103
		ILLINOIS	FED. AI	D PROJECT		

VOLUME (CY) ALIGNMENT STATION CU YD CUT FILL I-55 201+75.00 0.04 0.00 202+00.00 I-55 0.14 I-55 202+50.00 0.04 0.91 I-55 203+00.00 7.23 I-55 203+50.00 3.41 16.09 I-55 204+00.00 1.02 4.40 204+08.44 33.52 I-55 204+50.00 8.29 53.86 205+00.00 6.62 60.59 8.37 59.42 I-55 206+00.00 55.07 10.32 I-55 206+50.00 10.48 51.28 I-55 207+00.00 10.06 47.71 207+50.00 30.28 I-55 207+85.88 2.22 10.46 I-55 208+00.00 2.75 18.89 I-55 208+26.73 12.55 1.21 208+50.00 0.00 9.75 I-55 208+75.00 9.54 0.00 I-55 209+00.00 0.00 6.98 209+25.00 0.11 2.58 I-55 209+50.00 0.00 0.00 209+50.00 CU YD 81.69 491.30 ROUNDED SUBTOTAL 410.00

		VOLUM	
ALIGNMENT	STATION	CU	YD
		CUT	FILL
I-55	210+50.00		
		0.00	10.19
I-55	211+00.00		
		0.00	14.86
I-55	211+50.00	0.00	11.00
1-33	211+30.00	0.21	0.98
1.55	211.54.54	0.21	0.90
I-55	211+54.54	6.46	11.06
	242.00.00	6.46	11.06
I-55	212+00.00		
		10.47	13.92
I-55	212+50.00		
		10.61	11.98
I-55	213+00.00		
		9.98	7.59
I-55	213+50.00		
		9.62	5.00
I-55	214+00.00	3.02	3.00
1-33	214100.00	8.26	4.87
1.55	214.50.00	0.20	4.07
I-55	214+50.00	7.00	4.76
		7.03	4.76
I-55	215+00.00		
		1.66	2.77
I-55	215+25.00		
		0.00	2.99
I-55	215+50.00		
		0.00	3.97
I-55	216+00.00		
		0.00	2.30
I-55	216+50.00	0.00	2.50
1-33	210130.00	0.00	1.21
1.55	216 . 75 00	0.00	1.21
I-55	216+75.00	0.00	1 74
		0.00	1.74
I-55	216+91.68		
		1.16	0.92
I-55	217+00.00		
		3.48	0.76
I-55	217+25.00		
		0.00	0.00
I-55	217+50.00		
	, 50.00	0.00	0.00
I-55	217+56.49	0.00	0.00
1-22	21/+30.49	0.00	0.00
1.55	217.56.40	0.00	0.00
I-55	217+56.49		
	CU YD	68.93	101.89
	ROUNDED	SUBTOTAL	35.00

TOPSOIL EXCAVATION AND PLACEMENT

		VOLUM	
ALIGNMENT	STATION	CU	
		CUT	FILL
I-55	286+23.20		
		0.00	0.00
I-55	286+50.00		
		0.00	0.00
I-55	287+00.00		
		0.00	0.00
I-55	287+50.00		
		0.00	0.00
I-55	288+00.00		
		0.00	0.00
I-55	288+50.00		
		0.00	0.00
I-55	289+00.00		
		0.00	0.00
I-55	289+50.00		
		0.00	0.00
I-55	290+00.00		
		0.00	0.00
I-55	290+50.00		
		0.00	0.00
I-55	291+00.00		
		0.00	0.00
I-55	291+00.00		
	CU YD	0.00	0.00
	ROUNDED	SUBTOTAL	0.00

		VOLUME (CY)		
ALIGNMENT	STATION	CU		
		CUT	FILL	
I-55	294+03.69			
		2.26	0.00	
I-55	294+50.00			
		5.28	0.00	
I-55	295+00.00			
		5.60	4.81	
I-55	295+50.00			
		7.48	9.97	
I-55	296+00.00			
		9.89	9.94	
I-55	296+50.00			
		10.56	9.26	
I-55	297+00.00			
		10.76	7.58	
I-55	297+50.00			
		11.02	4.87	
I-55	298+00.00			
		3.52	0.95	
I-55	298+15.51			
		6.77	10.93	
I-55	298+50.00			
		8.88	14.54	
I-55	299+00.00			
		5.83	0.00	
I-55	299+26.84			
	233 / 23/0 /	2.82	0.00	
I-55	299+50.00	2.02	0,00	
	233,30,00	15.51	3.04	
I-55	300+00.00	13.31	5.0.	
	300,00,00	15.51	11.20	
I-55	300+50.00			
1 3 3	300130.00	0.00	11.56	
I-55	300+75.00	0.00	11.50	
1 3 3	300173.00	0.00	15.39	
I-55	301+00.00	0.00	15.55	
1 3 3	301100.00	0.00	14.09	
I-55	301+25.00	0.00	14.03	
1-23	301723.00	0.00	10.79	
I-55	301+50.00	0.00	10.79	
1-77	201+20.00	0.00	6.93	
I-55	301+75.00	0.00	0.93	
1-22	201+12.00	0.00	2.49	
1.55	202 00 00	0.00	2.49	
I-55	302+00.00	0.00	0.00	
	202 . 00 65	0.00	0.00	
I-55	302+00.00	121 70	140 2 :	
	CU YD	121.70	148.34	
	ROUNDED	SUBTOTAL	30.00	

		VOLUM	IE (CY)
ALIGNMENT	STATION	CU	YD
		CUT	FILL
I-55	302+50.00		
		0.00	5.33
I-55	302+75.00		
		0.00	12.63
I-55	303+00.00		
		0.00	22.12
I-55	303+25.00		
		0.24	16.67
I-55	303+50.00		
		1.97	3.69
I-55	304+00.00		
		2.75	0.00
I-55	304+50.00		
		2.41	0.00
I-55	305+00.00		
		2.55	0.00
I-55	305+50.00		
		2.83	0.00
I-55	306+00.00		
		1.58	0.00
I-55	306+25.00		
		0.66	0.00
I-55	306+44.01		
		0.00	0.00
I-55	306+44.01		
	CU YD	15.00	60.44
	ROUNDED	SUBTOTAL	50.00

REVISED ENTIRE SHEET 6/3/2021



USER NAME = rober	DESIGNED - NH	REVISED - 🛕 04/21/2021 RC
	DRAWN - NH	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - ST	REVISED -
PLOT DATE = 6/2/2021	DATE - 4/2021	REVISED -

BARRIER WALL REFLECTORS, TYPE C

BARRIER WALL REFLECTORS, TYPE C			
FROM STATION	TO STATION	LT/RT	EACH
	PREST	AGE A	
1459+64.36	1461+89.32	LT	9
1459+68.28	1461+68.20	RT	8
293+92.85	300+42.21	LT	26
293+97.33	299+84.19	LT	24
	PREST	AGE B	
1459+39.21	1461+76.70	LT	10
1459+57.66	1461+95.12	RT	10
199+65.94	219+65.06	RT	13
200+15.43	220+15.32	LT	80
285+82.74	314+32.67	RT	114
286+17.60	314+66.60	LT	114
316+27.24	318+02.26	LT	7
316+27.75	318+02.26	LT	7
	FINAL CON	STRUCTION	
200+16.02	208+40.79	LT/RT	33
211+40.47	219+65.32	LT/RT	34
286+23.12	299+41.03	LT/RT	53
302+08.88	314+26.68	LT/RT	49
300+97.71	302+04.50	RT	5
	ROUN	DED TOTAL	596

REMOVE ATTENUATOR BASE

FROM STATION	LT/RT	EACH
217+23.41	LT	1
1459+48.95	RT/LT	1
1461+53.93	RT/LT	1
	3	

RAISED REFLECTIVE PAVEMENT MARKER

FROM STATION	TO STATION	LT/RT	EACH
207+85.93	211+54.49	RT	19
208+26.78	211+95.33	LT	20
298+15.61	302+22.67	RT	21
299+27.24	303+53.58	LT	22
1458+83.44	1461+74.02	LT	8
1459+43.25	1462+31.75	RT	15
		TOTAL	105

SHOULDER RUMBLE STRIPS, 16 INCH

FROM STATION	TO STATION	LT/RT	FOOT
286+23.12	291+00.00	RT	476.88
	ROUNDED TOTAL		

SHOULDER INLET WITH CURB

SHOULDER II	NLET WITH O	CURB	$\sqrt{1}$
FROM STATION	LT/RT {	EACH	
207+93.58	RT	1	
209+05.80	LT	1	
211+09.58	RT	1	
	TOTAL	3	

PIPE UNDERDRAINS 6" (SPECIAL)

			
FROM STATION	TO STATION	LT/RT	FOOT
293+97.00	294+04.00	LT	13.00
295+25.00	295+25.00	RT	12.00
301+35.43	301+35.43	RT	9.00
303+40.00	303+40.00	LT	16.00
	ROUNDED TOTAL		

CLEANING PAVED DITCH

FROM STATION	TO STATION	LT/RT	FOOT
298+50.00	299+17.77	RT	76.25
ROUNDED TOTAL			77

APPROACH SLAB REMOVAL

FROM STATION	TO STATION	LT/RT	AREA (SQ YD)
207+85.93	211+54.49	RT	180.65
208+26.78	211+95.33	LT	180.65
298+15.61	302+22.67	RT	180.65
299+27.24	303+53.58	LT	180.65
ROUNDED TOTAL			723

SIGN PANEL TYPE 3

FROM STATION	LT/RT	SQ FT	
313+57.50	LT	160.00	
313+57.50	LT	115.00	
	TOTAL	275	

REMOVE OVERHEAD SIGN STRUCTURE - SPAN

FROM	LT/DT	FACIL		
STATION	LT/RT	EACH		
313+42.50	LT	1		
	TOTAL	1		

REMOVE CONCRETE FOUNDATION - OVERHEAD

FROM STATION	LT/RT	EACH
313+42.50	LT	1
313+42.50	LT/RT	1
	TOTAL	2

TEMPORARY INFORMATION SIGNING

TEMPONANT	TINFORMATIO	N SIGNING		
STATION	LT/RT	TYPE	SQ FT	
PRESTAGE A				
306+43.00	LT	ALL TRAFFIC	32.00	
1459+71.47	RT	R4-7	5.00	
1461+13.51	LT	R3 - 5	7.50	
1461+80.36	LT	R4-7	5.00	
1467+11.93	LT	M3-1 (O)	2.00	
1467+11.93	LT	M1 - 1	4.00	
1467+11.93	LT	M6 - 3 (O)	2.19	
1469+12.38	LT	2 LEFT LANES	3.00	
1469+12.38	LT	RIGHT LANE	3.00	
1471+58.58	LT	M3 - 1	2.00	
1471+58.58	LT	M1 - 1	4.00	
1471+58.58	LT	M5 - 4	3.00	
1471+58.58	LT	M3 - 3	2.00	
1471+58.58	LT	M1 - I 100	4.00	
1471+58.58	LT	M5 - 6	3.00	
1477+17.27	LT	M3 - 1	2.00	
1477+17.27	LT	M1 - 1	4.00	
1477+17.27	LT	M5 - 4	3.00	
1477+17.27	LT	M3 - 3	4.00	
1477+17.27	LT	M1 - I 100	4.00	
1477+17.27	LT	M5 - 6	3.00	
1480+32.09	LT	M2 - 1	2.00	
1480+32.09	LT	M1 - 1	4.00	
	PRES ⁻	TAGE B		
1451+25.00	RT	R4 - 7	5.00	
1455+84.00	RT	M3 - 1	2.00	
1455+84.00	RT	M1 - 1	4.00	
1455+84.00	RT	M6 - 2R	2.19	
1456+62.89	RT	W1-4cL(O)-48	16.00	
1457+98.00	LT	W1-6R(O)	12.50	
1459+26.71	RT	W1-6L(O)	12.50	
1459+82.86	LT	W1-4R(O)-48	16.00	
1461+85.85	RT	W1-4bR(O)-48	16.00	
1461+89.52	LT	W1-6L(O)	12.50	
1463+33.00	RT	W1-6R(O)	12.50	
1464+00.07	LT	W1-4cL(O)-48	16.00	
1465+20.00	LT	M3 - 3	2.00	
1465+20.00	LT	M1 - 1	4.00	
1465+20.00	LT	M6 - 2R	2.19	

TEMPORARY INFORMATION SIGNING CONT.

STATION	LT/RT	TYPE	SQ FT		
	PRESTAGE B CONT.				
196+06.00	RT	ALL TRAFFIC	32.00		
223+75.00	LT	ALL TRAFFIC	32.00		
281+88.00	RT	ALL TRAFFIC	32.00		
315+50.00	LT	GUIDE SIGN	220.00		
318+22.00	LT	ALL TRAFFIC	32.00		
321+63.00	LT	ALL TRAFFIC	32.00		
	STA	GE 1			
195+43.00	RT	ALL TRAFFIC	32.00		
219+04.00	LT	ALL TRAFFIC	32.00		
281+20.00	RT	ALL TRAFFIC	32.00		
319+50.00	LT	ALL TRAFFIC	32.00		
	STA	GE 2			
192+43.00	RT	THRU TRAFFIC	10.00		
196+90.00	RT	THRU TRAFFIC	10.00		
198+60.00	RT	THRU TRAFFIC	10.00		
219+04.00	LT	ALL TRAFFIC	32.00		
287+28.00	RT	ALL TRAFFIC	32.00		
317+70.00	LT	ALL TRAFFIC	32.00		
	STA	GE 3			
196+60.00	RT	ALL TRAFFIC	32.00		
224+49.00	LT	ALL TRAFFIC	32.00		
281+88.00	RT	ALL TRAFFIC	32.00		
319+69.00	LT	ALL TRAFFIC	32.00		
STAGE 4					
196+72.00	RT	ALL TRAFFIC	32.00		
221+00.00	LT	THRU TRAFFIC	10.00		
222+93.00	LT	THRU TRAFFIC	10.00		
224+49.00	LT	THRU TRAFFIC	10.00		
STAGE 5					
196+06.00	RT	ALL TRAFFIC	32.00		
223+75.00	LT	ALL TRAFFIC	32.00		
	RO	UNDED TOTAL	1,132		

CONCRETE HEADWALLS FOR PIPE DRAINS

CONCRETE TIE/OW/TEES TOR TITE DRI				
FROM STATION	LT/RT	EACH		
295+24.84	RT	1		
303+39.98	LT	1		
	TOTAL	2		

REVISED SHEET 6/3/2021

LIN ENGINEERING,LTD. Consulting Engineers

ER NAME = rober	DESIGNED -	NH	REVISED	-	↑ 04/21/2021 RC
	DRAWN -	NH	REVISED	-	
OT SCALE = 2.0000 ' / in.	CHECKED -	ST	REVISED	-	
OT DATE = 6/2/2021	DATE -	4/2021	REVISED	-	

TO STA.

