COMMITMENTS

TREES THREE (3) INCHES OR GREATER IN DIAMETER AT BREAST HEIGHT CAN BE CLEARED AUGUST 1 - OCTOBER 10 OF ANY GIVEN YEAR TO PROTECT THE QUEENS BEFORE THEY RETURN TO THEIR OVER-WINTERING BURROWS. THE US FISH AND WILDLIFE SERVICE CONCURRED WITH OUR DETERMINATION AND DATE RESTRICTION ON TREE CLEARING.

THE PROJECT SPONSOR WILL BEGIN MOWING AND CONTINUE TO MOW WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT FROM MARCH 15 - OCTOBER 10. THE MOWING SHOULD BE KEEP AT A HEIGHT OF 6". THIS COMMITMENT WILL BE ADHERED TO UNTIL THE END OF CONSTRUCTION.

ALL TREE IMPACTS WILL BE MITIGATED UNDER INTER GOVERNMENTAL AGREEMENT NO. 21-IDNR-TREES-D2 WITH IDNR, THEREFORE NO TREE REPLACEMENT IS INCLUDED WITH THIS PROJECT. THIS AGREEMENT COVERS ALL PROJECTS FUNDED FROM FY 2025 THROUGH FY 2028.

CLASS 4A AND 5 SEEDING SHALL BE USED ON ALL BACK SLOPE AND FORE SLOPES ON THE PROJECT. PLEASE REFER TO SPECIAL PROVISION FOR ADDITIONAL INFORMATION AND FOLLOW THE SPECS IN SECTION 250 OF THE MANUAL FOR ANY TEMPORARY SOIL DISTURBANCE WITHIN THE PROJECT LIMITS.

HOT-MIX ASPHALT TABLE

1

LOCATION AND MIXTURE USE(S):	I-39 STABILIZED SUBBASE	HOT-MIX ASPHALT SHARED-USED PATH	HOT-MIX ASPHALT CHERRY VALLEY PATH	TEMPORARY PAVEMENT VAR. THICKNESS	TEMPORARY PAVEMENT*		CLASS D PATCHES, TYPE III, 14 INCH		PAVEMENT PATCHING		TEMPORARY MILLING AND RESURFACING	
					SURFACE	BINDER	SURFACE	BINDER	SURFACE	BINDER	SURFACE	BINDER
THICKNESS:	4"	4"	4"	VARIES	1.5"	11.75"	2"	12"	2"	7"	VARIES	VARIES
PG:	PG 64-22	PG 64-22	PG 58-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION:	IL-9.5, 9.5FG or 19.0	IL-9.5	IL-9.5FG	IL-19.0	IL-9.5	IL-19.0	IL-9.5	IL-19.0	IL-9.5	IL-19.0	IL-9.5	IL-19.0
FRICTION AGGREGATE:	N/A	N/A	N/A	N/A	E	N/A	D	N/A	D	N/A	D	N/A
MIXTURE WEIGHT:	112 LBS/SY/IN	112 LBS/SY/IN	112 LBS/SY/IN	N/A	117 LBS/SY/IN	N/A	112 LBS/SY/IN	N/A	112 LBS/SY/IN	N/A	112 LBS/SY/IN	N/A
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MATERIAL TRANSFER DEVICE	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

*NOTE: SEE TEMPORARY PAVEMENT DETAIL SHEET FOR ADDITIONAL INFORMATION ON TEMPORARY PAVEMENT OPTIONS

MODEL: HMA TBL [Sheet]
FILE NAME: c:\pwworld\benesch.projects\projects\d0173723\D264C24-MLsht-GeneralNotes.dgn

benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3200
Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

USER NAME = jMajcher	DESIGNED - A.GIBSON	REVISED - 1 06/27/2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - T.BLANK	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 6/25/2025	DATE - 02/27/24	REVISED -	

HMA TABLE AND COMMITMENTS

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

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	6
		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

1 REV. 7/1/25

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	I-39, RAMP B AND RAMP D	HARRISON AVE	I-39 NB OVER CNRR	I-39 SB OVER CNRR	I-39 NB OVER UPRR	I-39 SB OVER UPRR	I-39 NB OVER HARRISON AVE	I-39 SB OVER HARRISON AVE	MADIGAN CREEK CULVERT SN 101-2053	CVP TUNNEL SN 101-1360	NOISEWALL SN 101-N7009	NOISEWALL SN 101-N7010	NOISEWALL SN 101-N7011	ROADWAY LIGHTING	TUNNEL LIGHTING	FIBER	TOLLWAY ELECTRICAL AND SIGNING	ROADWAY SIGNING
				ROADWAY	ROADWAY	BRIDGE SN 101-0208	BRIDGE SN 101-0209	BRIDGE SN 101-0210	BRIDGE SN 101-0211	BRIDGE SN 101-0213	BRIDGE SN 101-0214						I-39	CVP	I-39	I-39	I-39
				0003	0003	0010	0010	0010	0010	0010	0010	0003	0050	0020	0020	0020	0021	0021	0021	0021	0044
				87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	100% VILLAGE	100% STATE	100% TOLLWAY	87% FED 13% STATE
28200200	FILTER FABRIC	SQ YD	24,299	23,902	317									80							
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	21,160	21,160																	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	106,692	105,057	1,635																
30300118	AGGREGATE SUBGRADE IMPROVEMENT 18"	SQ YD	52,635	52,635																	
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	293		293																
31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	106,251	104,692	1,559																
35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	933	509	424																
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	240,917	236,456	4,461																
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	24,738	24,213	447								78								
40603415	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, N50	TON	71	30									41								
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	95		95																
42000060	WELDED WIRE REINFORCEMENT	SQ YD	2,590	2,590																	
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	3,876	3,876																	
42000506	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)	SQ YD	3,126	2,077	1,049																
42001300	PROTECTIVE COAT	SQ YD	171,269	169,545	1,724																

* SPECIALTY ITEM
\# NON-PARTICIPATING ITEM (100% STATE)
#FR NON-PARTICIPATING ITEM (100% FOUR RIVERS SANITARY)

MODEL: SOQ-2 [Sheet]
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benesch
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35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0450 Job No. 10600.00

USER NAME = agibson	DESIGNED - A.GIBSON	REVISED -	
	DRAWN - T.BLANK	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 2/6/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=50' | SHEET 3 OF 32 SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1,5)R	WINNEBAGO	1685	9
		CONTRACT NO. 64C24		
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20) *

1 REV. 7/1/25

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	I-39, RAMP B AND RAMP D	HARRISON AVE	I-39 NB OVER CNRR	I-39 SB OVER CNRR	I-39 NB OVER UPRR	I-39 SB OVER UPRR	I-39 NB OVER HARRISON AVE	I-39 SB OVER HARRISON AVE	MADIGAN CREEK CULVERT SN 101-2053	CVP TUNNEL SN 101-1360	NOISEWALL SN 101-N7009	NOISEWALL SN 101-N7010	NOISEWALL SN 101-N7011	ROADWAY LIGHTING	TUNNEL LIGHTING	FIBER	TOLLWAY ELECTRICAL AND SIGNING	ROADWAY SIGNING
					ROADWAY	ROADWAY	BRIDGE SN 101-0208	BRIDGE SN 101-0209	BRIDGE SN 101-0210	BRIDGE SN 101-0211	BRIDGE SN 101-0213	BRIDGE SN 101-0214						I-39	CVP	I-39	I-39	I-39
					0003	0003	0010	0010	0010	0010	0010	0010	0003	0050	0020	0020	0020	0021	0021	0021	0021	0044
					87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	100% VILLAGE	100% STATE	100% TOLLWAY	87% FED 13% STATE
*	63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1																	
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	9	8	1																
	63200310	GUARDRAIL REMOVAL	FOOT	9,164	9,164																	
	63500105	DELINEATORS	EACH	202	202																	
	63700280	CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT	FOOT	9,132	9,132																	
	63700380	CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT	FOOT	828	828																	
	63700805	CONCRETE BARRIER TRANSITION	FOOT	54	54																	
	63700900	CONCRETE BARRIER BASE	FOOT	39	39																	
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	39,707	39,707																	
	64300900	IMPACT ATTENUATORS (SEVERE USE, WIDE), TEST LEVEL 2	EACH	2		2																
	66201120	CONCRETE SHOULDER CURB	FOOT	96	96																	
*	66400305	CHAIN LINK FENCE, 6'	FOOT	9,705	9,705																	
*	66407500	CHAIN LINK GATES, 6' X 10' DOUBLE	EACH	4	4																	
*	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	35	35																	

1

*a ~~BASED ON DISCUSSIONS WITH DISTRICT PERSONNEL, DISTRICT 2 AGREES THAT MOST OF THE MATERIAL CLASSIFIED AS 669.05(a)(1), 669.05(a)(2), 669.05(a)(3), 669.05(b)(1) AND 669.05(c) DOES NOT CONSTITUTE A SERIOUS ENVIRONMENTAL CONCERN AND THE MATERIAL SHALL BE REUSED ONSITE AS EMBANKMENT OR FILL IN ACCORDANCE WITH THE SPECIAL PROVISIONS INCLUDED IN THE PLANS. THE DISTRICT HAS COMMITTED TO PLACING APPROXIMATELY 102,331 CUBIC YARDS OF REGULATED SUBSTANCES MATERIAL CLASSIFIED AS 669.05(a)(1), 669.05(a)(2), 669.05(a)(3), 669.05(b)(1) AND 669.05(c) ALONG THE INTERSTATE AS FILL OR EMBANKMENT WITHIN THE PROJECT LIMITS. IF PLANS FOR THIS PROJECT CHANGE AND MATERIAL CLASSIFIED AS 669.05(a)(2), 669.05(a)(3), 669.05(b)(1) AND 669.05(c) IS TO BE REMOVED, THE REGULATED SUBSTANCES MATERIAL REFERENCED WILL NEED TO BE MANAGED USING ARTICLE 109.04 AS NON-SPECIAL WASTE. THE INTENT OF THE COMMITMENT IS NOT COVERED BY SECTION 202.~~

1

* SPECIALTY ITEM
\# NON-PARTICIPATING ITEM (100% STATE)
#FR NON-PARTICIPATING ITEM (100% FOUR RIVERS SANITARY)

MODEL: SOQ-14 [Sheet]
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benesch
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35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0450 Job No. 10600.00

USER NAME = agibson	DESIGNED - A.GIBSON	REVISED -	
	DRAWN - T.BLANK	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 2/6/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=50' | SHEET 15 OF 32 SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1,5)R	WINNEBAGO	1685	21
		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

* FAI ROUTE 39 (I-39) & FAP 301 (US 20) *

1 REV. 7/1/25 REV. 5/30/25 *

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	I-39, RAMP B AND RAMP D	HARRISON AVE	I-39 NB OVER CNRR	I-39 SB OVER CNRR	I-39 NB OVER UPRR	I-39 SB OVER UPRR	I-39 NB OVER HARRISON AVE	I-39 SB OVER HARRISON AVE						ROADWAY LIGHTING	TUNNEL LIGHTING	FIBER	TOLLWAY ELECTRICAL AND SIGNING	ROADWAY SIGNING
					ROADWAY	ROADWAY	BRIDGE SN 101-0208	BRIDGE SN 101-0209	BRIDGE SN 101-0210	BRIDGE SN 101-0211	BRIDGE SN 101-0213	BRIDGE SN 101-0214	MADIGAN CREEK CULVERT SN 101-2053	CVP TUNNEL SN 101-1360	NOISEWALL SN 101-N7009	NOISEWALL SN 101-N7010	NOISEWALL SN 101-N7011	I-39	CVP	I-39	I-39	I-39
					0003	0003	0010	0010	0010	0010	0010	0010	0003	0050	0020	0020	0020	0021	0021	0021	0021	0044
					87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	100% VILLAGE	100% STATE	100% TOLLWAY	87% FED 13% STATE
*	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	9	9																	
*a	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,867	1,867																	
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1																	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1																	
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1																	
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	175	175																	
	67100100	MOBILIZATION	L SUM	1	1																	
	70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	8	8																	
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	5	5																	
	70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1																	
	70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1																	
	70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1																	
	70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1																	
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1																	

1

*a BASED ON DISCUSSIONS WITH DISTRICT PERSONNEL, DISTRICT 2 AGREES THAT MOST OF THE MATERIAL CLASSIFIED AS 669.05(a)(1), 669.05(a)(2), 669.05(a)(3), 669.05(b)(1) AND 669.05(c) DOES NOT CONSTITUTE A SERIOUS ENVIRONMENTAL CONCERN AND THE MATERIAL SHALL BE REUSED ONSITE AS EMBANKMENT OR FILL IN ACCORDANCE WITH THE SPECIAL PROVISIONS INCLUDED IN THE PLANS. THE DISTRICT HAS COMMITTED TO PLACING APPROXIMATELY 102,331 CUBIC YARDS OF REGULATED SUBSTANCES MATERIAL CLASSIFIED AS 669.05(a)(1), 669.05(a)(2), 669.05(a)(3), 669.05(b)(1) AND 669.05(c) ALONG THE INTERSTATE AS FILL OR EMBANKMENT WITHIN THE PROJECT LIMITS. IF PLANS FOR THIS PROJECT CHANGE AND MATERIAL CLASSIFIED AS 669.05(a)(2), 669.05(a)(3), 669.05(b)(1) AND 669.05(c) IS TO BE REMOVED, THE REGULATED SUBSTANCES MATERIAL REFERENCED WILL NEED TO BE MANAGED USING ARTICLE 109.04 AS NON-SPECIAL WASTE. THE INTENT OF THE COMMITMENT IS NOT COVERED BY SECTION 202.

* SPECIALTY ITEM
\# NON-PARTICIPATING ITEM (100% STATE)
#FR NON-PARTICIPATING ITEM (100% FOUR RIVERS SANITARY)

MODEL: SOQ-15 [Sheet]
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Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

USER NAME = jMajcher	DESIGNED - A.GIBSON	REVISED - 1 06/27/2025	
	DRAWN - T.BLANK	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 6/25/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: 1"=50' | SHEET 16 OF 32 SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	22
		CONTRACT NO. 64C24		
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

1 REV. 7/1/25

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	I-39, RAMP B AND RAMP D	HARRISON AVE	I-39 NB OVER CNRR	I-39 SB OVER CNRR	I-39 NB OVER UPRR	I-39 SB OVER UPRR	I-39 NB OVER HARRISON AVE	I-39 SB OVER HARRISON AVE	MADIGAN CREEK CULVERT SN 101-2053	CVP TUNNEL SN 101-1360	NOISEWALL SN 101-N7009	NOISEWALL SN 101-N7010	NOISEWALL SN 101-N7011	ROADWAY LIGHTING	TUNNEL LIGHTING	FIBER	TOLLWAY ELECTRICAL AND SIGNING	ROADWAY SIGNING
					ROADWAY	ROADWAY	BRIDGE SN 101-0208	BRIDGE SN 101-0209	BRIDGE SN 101-0210	BRIDGE SN 101-0211	BRIDGE SN 101-0213	BRIDGE SN 101-0214						I-39	CVP	I-39	I-39	I-39
					0003	0003	0010	0010	0010	0010	0010	0010	0003	0050	0020	0020	0020	0021	0021	0021	0021	0044
					87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	87% FED 13% STATE	100% VILLAGE	100% STATE	100% TOLLWAY	87% FED 13% STATE
	X6020243	CATCH BASIN, TYPE A, 5'-DIAMETER, WITH GRATE NO. 1 (SPECIAL)	EACH	1	1																	
	X6020296	MANHOLES, TYPE A, 8'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	3	3																	
	X6022109	MANHOLES, TYPE A, 10'-DIAMETER (SPECIAL)	EACH	4	4																	
	X6022930	MANHOLES, TYPE A, 5'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	7	7																	
	X6024090	MANHOLES, TYPE A, 6'-DIAMETER, WITH SPECIAL FRAME AND GRATE	EACH	4	4																	
#FR	X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5	5																	
#FR	X6026057	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2																	
#*	X6026627	VAULTS TO BE REMOVED	EACH	6																6		
	X6350206	LINEAR DELINEATOR PANELS, 6 INCH	EACH	22	22																	
	X6370048	CONCRETE BARRIER BASE (SPECIAL)	FOOT	9,995	9,995																	
	X6420100	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	10,052	10,052																	
	X6430120	REMOVE IMPACT ATTENUATORS, NO SALVAGE	EACH	9	9																	
	X6431110	REMOVE ATTENUATOR BASE	EACH	9	9																	
	X6640104	FENCE REMOVAL	FOOT	6,322	6,322																	

1

* SPECIALTY ITEM
\# NON-PARTICIPATING ITEM (100% STATE)
#FR NON-PARTICIPATING ITEM (100% FOUR RIVERS SANITARY)

MODEL: SOQ-27 [Sheet]
FILE NAME: c:\pwworkdir\benesch projects\projects\d0173723\D264C24-ML-sht-SOQ.dgn

benesch
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35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0450 Job No. 10600.00

USER NAME = agibson	DESIGNED - A. GIBSON	REVISED -	
	DRAWN - T. BLANK	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - J. TARDY	REVISED -	
PLOT DATE = 2/14/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

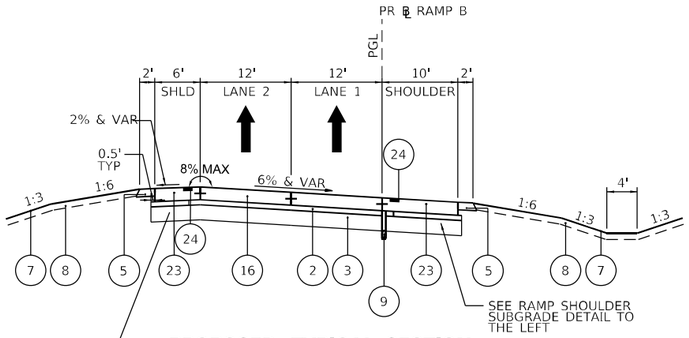
SUMMARY OF QUANTITIES

SCALE: 1"=50' | SHEET 28 OF 32 SHEETS | STA. TO STA.

* FAI ROUTE 39 (I-39) & FAP 301 (US 20) *

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1,5)R	WINNEBAGO	1685	34
		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

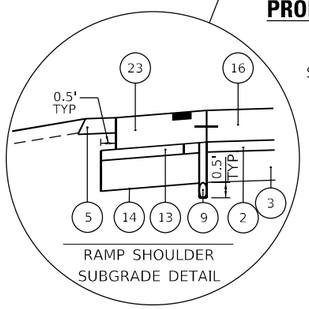
1 REV. 7/1/25 REV. 5/30/25*

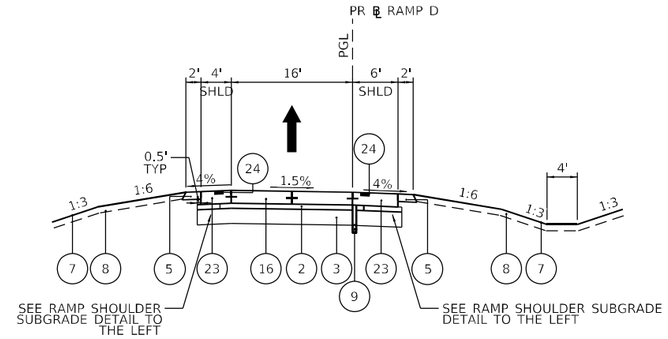


PROPOSED TYPICAL SECTION

RAMP B

STA 215+81 TO STA 217+14

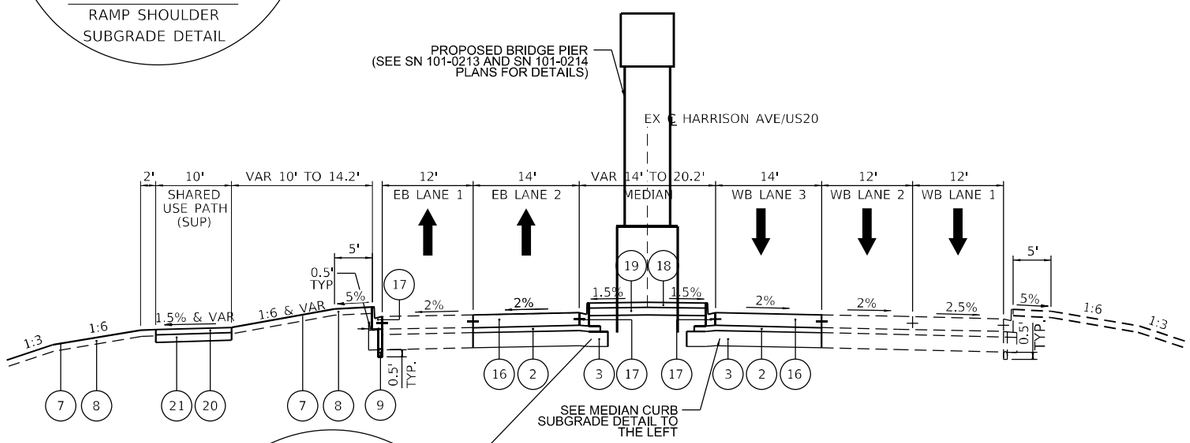




PROPOSED TYPICAL SECTION

RAMP D

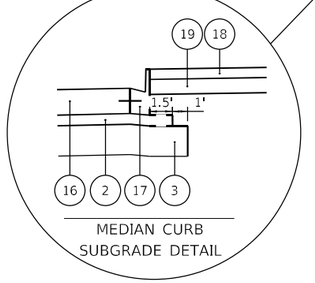
STA 412+00 TO STA 413+30

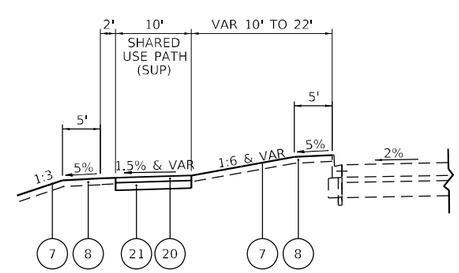


PROPOSED TYPICAL SECTION

HARRISON AVE / US 20

STA 151+35 TO STA 1312+78





PROPOSED TYPICAL SECTION

SHARED USED PATH

STA 1336+16 TO STA 1338+28

LEGEND

1. CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12 1/2"
2. STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
3. AGGREGATE SUBGRADE IMPROVEMENT, 12"
4. PORTLAND CEMENT CONCRETE SHOULDERS, 12 1/2"
5. AGGREGATE SHOULDERS, TYPE A, 6"
6. CONCRETE BARRIER, DOUBLE FACE, 44" HEIGHT OR CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT (SEE ROADWAY PLANS)
7. SEEDING (SEE NOTE 5)
8. TOPSOIL EXCAVATION AND PLACEMENT (4" PROPOSED THICKNESS)
9. PIPE UNDERDRAINS 6"
10. STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
11. HOT MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARDRAIL
12. CONCRETE BARRIER BASE (SPECIAL)
13. SHOULDER SUBBASE - CA 6 or 8, 4" (COST TO BE INCLUDED IN THE PCC SHOULDER)
14. GEOTECHNICAL REINFORCEMENT
15. NOISE WALL (SEE NOTE 6)
16. PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
17. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
18. CONCRETE MEDIAN SURFACE, 4 INCH
19. SUBBASE GRANULAR MATERIAL, TYPE B 6"
20. 4" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (1)
21. AGGREGATE BASE COURSE, TYPE A 6"
22. AGGREGATE SUBGRADE IMPROVEMENT, 18"
23. PORTLAND CEMENT CONCRETE SHOULDERS, 10 1/4"
24. SHOULDER RUMBLE STRIPS, 16 INCH
25. AGGREGATE SHOULDERS, TYPE A 4"
26. PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
27. CONCRETE CURB, TYPE B
28. PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
29. AGGREGATE BASE COURSE, TYPE B 4"
30. CONCRETE GUTTER, TYPE A

NOTES

1. SEE HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART FOR MIXTURE DESIGN.
2. FOR SUPERELEVATION TRANSITIONS, SEE MAINLINE DETAIL SHEETS.
3. SEE DRAINAGE PLANS FOR LOCATIONS OF PIPE UNDERDRAINS AND STRUCTURES.
4. SEE CROSS SECTIONS FOR SIDE SLOPE AND DITCH DETAILS.
5. SEE LANDSCAPING PLANS FOR SEEDING TYPES AND LOCATIONS.
6. SEE NOISE WALL PLANS FOR DETAILS.
7. PER HIGHWAY STANDARDS 421201 AND 420206, THE CONTRACTOR SHALL PAVE THE 4" STABILIZED SUBBASE AS SHOWN. ADDITIONAL WIDTH SHALL BE REMOVED AND REPLACED WITH CA6 OR CA8 STONE. REMOVAL OF ADDITIONAL WIDTH STABILIZED SUBBASE WILL NOT BE MEASURED FOR PAYMENT AND IS INCLUDED IN THE ITEM STABILIZED SUBBASE - HOT-MIX ASPHALT, 4".

MODEL: Pr Typ Sect-4 [Sheet]
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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3200
Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

USER NAME = jMajcher	DESIGNED - J.MAJCHER	REVISED - (1) 06/27/2025	
	DRAWN - J.MAJCHER	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - A. GIBSON	REVISED -	
PLOT DATE = 4/29/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: 1"=10' | SHEET 10 OF 10 SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	48
		CONTRACT NO. 64C24		
		ILLINOIS FED. AID PROJECT		

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

(1) REV. 7/1/25

44000600					
SIDEWALK REMOVAL					
87% FED / 13% STATE					
ROAD	STA	STA	OFFSET	SQ FT	REMARKS
CHERRY VALLEY PATH					
CHERRY VALLEY PATH				230	
			SUBTOTAL	230	
			GRAND TOTAL	230	

Z0004552						
APPROACH SLAB REMOVAL						
87% FED / 13% STATE						
ROAD	STA	STA	DESCRIPTION	SQ FT	SQ YD	REMARKS
EX I-39	2647+39.37	2647+74.33	NB APPROACH	791	88	
EX I-39	2649+25.81	2649+59.28	NB APPROACH	791	88	
EX I-39	2647+12.04	2647+47.79	SB APPROACH	812	91	
EX I-39	2649+00.87	2649+35.39	SB APPROACH	807	90	
EX I-39	2683+20.11	2684+04.79	NB APPROACH	791	88	
EX I-39	2686+16.31	2687+01.05	NB APPROACH	792	89	
EX I-39	2682+02.21	2682+91.42	SB APPROACH	822	92	
EX I-39	2685+02.87	2685+89.32	SB APPROACH	800	89	
EX I-39	2723+18.61	2723+60.50	NB APPROACH	1163	130	
EX I-39	2725+65.14	2726+03.79	NB APPROACH	1076	120	
EX I-39	2722+88.06	2723+28.84	SB APPROACH	1068	119	
EX I-39	2725+36.13	2725+76.26	SB APPROACH	1136	127	
GRAND TOTAL					1211	
NOTE: SQ FT AREAS MEASURED IN CADD.						

1

X6640104								
FENCE REMOVAL								
87% FED / 13% STATE								
ROAD	STA	OFFSET	LT/RT	STA	OFFSET	LT/RT	FOOT	REMARKS
EX I-39	2642+60.96	150.65	LT	2646+59.63	149.02	LT	388	
EX I-39	2645+39.08	145.63	RT	2647+81.03	148.45	RT	248	
EX I-39	2648+55.01	163.50	LT	2649+24.67	252.17	LT	111	
EX I-39	2651+16.31	150.53	RT	2662+09.62	149.97	RT	1122	
EX I-39	2656+40.97	149.13	LT	2662+02.76	150.83	LT	547	
EX I-39	2665+32.03	149.80	RT	2680+02.68	149.10	RT	1471	
EX I-39	2669+33.83	149.97	LT	2674+09.15	149.19	LT	476	
EX I-39	2687+49.50	105.79	RT	2688+07.64	148.86	RT	72	
EX I-39	2699+60.53	149.87	LT	2705+17.55	168.04	LT	560	
EX I-39	2698+89.54	147.60	RT	2704+89.09	148.44	RT	600	
EX I-39	2705+17.46	148.63	LT	2709+06.90	116.62	LT	399	
EX I-39	2705+81.86	149.74	RT	2708+01.31	115.27	RT	267	
RAMP AD	67+75.00	N/A	RT	67+75.00	N/A	RT	20	
RAMP DB	48+15.28	N/A	RT	48+15.28	N/A	RT	20	
RAMP DB	50+00.00	N/A	RT	50+00.00	N/A	RT	20	
GRAND TOTAL							6322	

MODEL: Schedules-4 [Sheet]
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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0450 Job No. 10900.00

USER NAME = jMajcher	DESIGNED - A. GIBSON	REVISED - 1 06/27/2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - J.MAJCHER	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 6/25/2025	DATE - 02/27/24	REVISED -	

SCHEDULE OF QUANTITIES

SCALE: 1"=1'-0" | SHEET 4 OF 39 SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	52
		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

1 REV. 7/1/25

31101400
SUBBASE GRANULAR MATERIAL, TYPE B 6"

87% FED / 13% STATE

ROAD	STA	STA	DESCRIPTION	OFFSET	AREA (SF)	AREA (SY)	REMARKS
HARRISON AVE							
HARRISON	151+34.77	153+08.66	MEDIAN	CT	1382	154	
HARRISON	1311+13.21	1312+77.80	MEDIAN	CT	1245	139	
					SUBTOTAL	293	
					GRAND TOTAL	293	

35100500
AGGREGATE BASE COURSE, TYPE A 6"

87% FED / 13% STATE

ROAD	STA	STA	LENGTH	WIDTH	SQ FT	SQ YD	REMARKS
HARRISON							
PR HARRISON	150+93.85	1312+83.48	381	10	3,812	424	
					SUBTOTAL	424	
CHERRY VALLEY PATH							
CHERRY VALLEY PATH						509	
					SUBTOTAL	509	
					GRAND TOTAL	933	

NOTE: AREAS MEASURED IN CADD.

40600275
BITUMINOUS MATERIALS (PRIME COAT)

87% FED / 13% STATE

DESCRIPTION	SQ FT	RATE (LB/SF)	APPLICATIONS	TOTAL (LBS)
REFER TO SCHEDULE FOR 31200500 STABILIZED - HOT-MIX ASPHALT 4"				
I-39 AND RAMPS	942220	0.25	1	235555.00
HARRISON	14031	0.25	1	3507.75
REFER TO SCHEDULE FOR 40604060 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50				
BIKE PATH	3812	0.25	1	952.95
CHERRY VALLEY PATH				
CHERRY VALLEY PATH				901.00
			SUBTOTAL	240917
			GRAND TOTAL	240917

40600290
BITUMINOUS MATERIALS (TACK COAT)

87% FED / 13% STATE

DESCRIPTION	SQ FT	RATE (LB/SF)	APPLICATIONS	TOTAL (LBS)
REFER TO SCHEDULE FOR 31200500 STABILIZED - HOT-MIX ASPHALT 4"				
I-39 AND RAMPS	942220	0.025	1	23555.5
HARRISON	14031	0.025	1	350.8
REFER TO SCHEDULE FOR X4062952 HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL				
I-39	26280	0.025	1	657
REFER TO SCHEDULE FOR 40604060 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50				
BIKE PATH	3812	0.025	1	95.3
			SUBTOTAL	24660
			GRAND TOTAL	24660

NOTE: SEE SN 101-1360 BILL OF MATERIALS FOR ADDITIONAL QUANTITY

1

40603415
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, N50

87% FED / 13% STATE

ROAD	STA	STA	SQ YD	UNIT WT (LBS/SY-IN)	THICKNESS (IN)	TON	REMARKS
CHERRY VALLEY PATH							
CHERRY VALLEY PATH						30	
					SUBTOTAL	30	
					GRAND TOTAL	30	

NOTES: AREAS MEASURED IN CADD.
SEE SN 101-1360 BILL OF MATERIALS FOR ADDITIONAL QUANTITY.

40604060
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

87% FED / 13% STATE

ROAD	STA	STA	SQ YD	UNIT WT (LBS/SY-IN)	THICKNESS (IN)	TON	REMARKS
HARRISON							
PR HARRISON	150+93.85	1312+83.48	424	112	4	95	
					SUBTOTAL	95	
					GRAND TOTAL	95	

NOTE: AREAS MEASURED IN CADD.

42000060
WELDED WIRE REINFORCEMENT

87% FED / 13% STATE

ROAD	STA	STA	DESCRIPTION	WIDTH (FT)	SQ FT	SQ YD	REMARKS
I-39							
PR I-39	2646+61.61	2646+91.85	SB PAVEMENT	48	1,442	160	
PR I-39	2646+91.73	2647+21.15	NB PAVEMENT	48	1,421	158	
PR I-39	2649+33.92	2649+62.01	SB PAVEMENT	48	1,340	149	
PR I-39	2649+59.65	2649+87.36	NB PAVEMENT	48	1,339	149	
PR I-39	2680+60.40	2681+34.57	SB PAVEMENT	48	3,560	396	
PR I-39	2681+81.21	2682+57.84	NB PAVEMENT	48	3,679	409	
PR I-39	2685+54.22	2686+30.85	SB PAVEMENT	48	3,679	409	
PR I-39	2686+77.49	2687+54.95	NB PAVEMENT	48	3,718	413	
PR I-39	2722+43.05	2722+71.13	SB PAVEMENT	36	1,006	112	
PR I-39	2722+68.91	2722+92.89	NB PAVEMENT	24	605	67	
PR I-39	2725+69.32	2725+95.56	SB PAVEMENT	36	940	104	
PR I-39	2725+88.58	2726+13.42	NB PAVEMENT	24	578	64	
					SUBTOTAL	2,590	
					GRAND TOTAL	2,590	

NOTE: AREAS MEASURED IN CADD.

42000080
PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

87% FED / 13% STATE

ROAD	STA	STA	DESCRIPTION	WIDTH (FT)	SQ FT	SQ YD	REMARKS
I-39							
PR I-39	2646+61.61	2646+91.85	SB PAVEMENT CONNECTOR	VAR 70.0-70.6	2,082	231	
PR I-39	2646+91.73	2647+21.15	NB PAVEMENT CONNECTOR	70	2,100	233	
PR I-39	2649+33.92	2649+62.01	SB PAVEMENT CONNECTOR	VAR 70.0-70.6	1,991	221	
PR I-39	2649+59.65	2649+87.36	NB PAVEMENT CONNECTOR	70	1,928	214	
PR I-39	2680+60.40	2681+34.57	SB PAVEMENT CONNECTOR	VAR 70.0-70.5	5,082	565	
PR I-39	2681+81.21	2682+57.84	NB PAVEMENT CONNECTOR	70	5,480	609	
PR I-39	2685+54.22	2686+30.85	SB PAVEMENT CONNECTOR	VAR 70.0-70.5	5,493	610	
PR I-39	2686+77.49	2687+54.95	NB PAVEMENT CONNECTOR	VAR 70.0-70.5	5,313	590	
PR I-39	2722+43.05	2722+71.13	SB PAVEMENT CONNECTOR	VAR 58-58.6	1,604	178	
PR I-39	2722+68.91	2722+92.89	NB PAVEMENT CONNECTOR	46	1,178	131	
PR I-39	2725+69.32	2725+95.56	SB PAVEMENT CONNECTOR	58	1,535	171	
PR I-39	2725+88.58	2726+13.42	NB PAVEMENT CONNECTOR	46	1,092	121	
					SUBTOTAL	3,876	
					GRAND TOTAL	3,876	

NOTE: AREAS MEASURED IN CADD.

64200116					
SHOULDER RUMBLE STRIPS, 16 INCH					
87% FED / 13% STATE					
ROAD	STA	STA	DESCRIPTION	FOOT	REMARKS
I-39					
PR I-39	2620+83.00	2646+61.61	SB INSIDE SHOULDER	2,579	
PR I-39	2620+83.00	2646+61.61	SB OUTSIDE SHOULDER	2,579	
PR I-39	2620+83.00	2646+91.73	NB INSIDE SHOULDER	2,609	
PR I-39	2620+83.00	2646+91.73	NB OUTSIDE SHOULDER	2,609	
PR I-39	2649+62.01	2680+60.40	SB INSIDE SHOULDER	3,098	
PR I-39	2649+62.01	2680+60.40	SB OUTSIDE SHOULDER	3,098	
PR I-39	2649+87.36	2681+81.21	NB INSIDE SHOULDER	3,194	
PR I-39	2649+87.36	2681+81.21	NB OUTSIDE SHOULDER	3,194	
PR I-39	2686+30.85	2722+43.05	SB INSIDE SHOULDER	3,612	
PR I-39	2686+30.85	2709+84.24	SB OUTSIDE SHOULDER	2,353	
PR I-39	2687+54.95	2722+68.91	NB INSIDE SHOULDER	3,514	
PR I-39	2687+54.95	2710+21.51	NB OUTSIDE SHOULDER	2,267	
PR I-39	2713+30.21	2722+43.05	SB OUTSIDE SHOULDER	913	
PR I-39	2715+79.83	2722+68.91	NB OUTSIDE SHOULDER	689	
PR I-39	2725+95.56	2732+35.00	SB INSIDE SHOULDER	639	
PR I-39	2725+95.56	2732+35.00	SB OUTSIDE SHOULDER	639	
PR I-39	2726+13.42	2731+97.70	NB INSIDE SHOULDER	584	
PR I-39	2726+13.42	2731+97.70	NB OUTSIDE SHOULDER	584	
PR RAMP B	215+80.52	217+13.88	INSIDE SHOULDER	133	
PR RAMP B	210+25.54	217+13.88	OUTSIDE SHOULDER	688	
PR RAMP D	412+00.00	413+30.36	OUTSIDE SHOULDER	130	
SUBTOTAL				39,707	
GRAND TOTAL				39,707	

64300900					
IMPACT ATTENUATORS (SEVERE USE, WIDE), TEST LEVEL 2					
87% FED / 13% STATE					
ROAD	STA	STA	OFFSET	EACH	REMARKS
US20/HARRISON					
US20/HARRISON	152+19.62	152+40.55	CT	1	
US20/HARRISON	1311+68.42	1311+89.90	CT	1	
SUBTOTAL				2	
GRAND TOTAL				2	

66201120									
CONCRETE SHOULDER CURB									
87% FED / 13% STATE									
ROAD	STA	OFFSET	LT/RT	STA	OFFSET	LT/RT	HEIGHT (IN)	FOOT	REMARKS
PR I-39	2646+66.02	73.5	LT	2646+77.49	73.5	LT	4	11	
PR I-39	2649+21.14	73.5	LT	2649+43.66	73.5	LT	4	23	
PR I-39	2680+63.94	73.5	LT	2680+75.40	73.5	LT	4	11	
PR I-39	2684+94.22	73.5	LT	2685+21.78	73.5	LT	4	28	
PR I-39	2687+36.66	73.5	RT	2687+48.12	73.5	RT	4	11	
PR I-39	2722+47.45	61.5	LT	2722+58.92	61.5	LT	6	11	
SUBTOTAL								96	
GRAND TOTAL								96	

1

66400305								
CHAIN LINK FENCE, 6'								
87% FED / 13% STATE								
ROAD	STA	OFFSET	LT/RT	STA	OFFSET	LT/RT	FOOT	REMARKS
I-39	2642+50.00	137.0	LT	2647+11.41	160.0	LT	450	
I-39	2642+92.02	163.2	RT	2648+64.73	200.0	RT	610	
I-39	2649+67.66	180.0	RT	2662+00.47	169.5	RT	1,270	
I-39	2652+00.00	214.6	LT	2662+00.00	130.5	LT	981	
i-39	2665+22.75	169.3	RT	2679+93.50	168.6	RT	1,471	
I-39	2669+24.60	130.5	LT	2674+00.00	130.4	LT	476	
I-39	2678+00.00	130.4	LT	2680+16.68	155.0	LT	218	
I-39	2684+50.00	130.3	LT	2710+25.00	155.1	LT	2,732	
I-39	2698+80.30	167.1	RT	2712+00.00	170.0	RT	1,498	
SUBTOTAL							9,705	
GRAND TOTAL							9,705	

66407500			
CHAIN LINK GATES, 6' X 10' DOUBLE			
87% FED / 13% STATE			
ROAD	STA	EACH	REMARKS
RAMP AD	67+75	1	RAMP AD @ LINDEN
RAMP DB	48+15.28	1	RAMP DB @ LINDEN
RAMP DB	50+00	1	RAMP DB @ LINDEN
PR I-39	2704+45	1	I-39
SUBTOTAL		4	
GRAND TOTAL		4	

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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-654-0450 Job No. 15800.00

USER NAME = jMajcher	DESIGNED - A. GIBSON	REVISED - 1 06/27/2025	
	DRAWN - J.MAJCHER	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 6/26/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

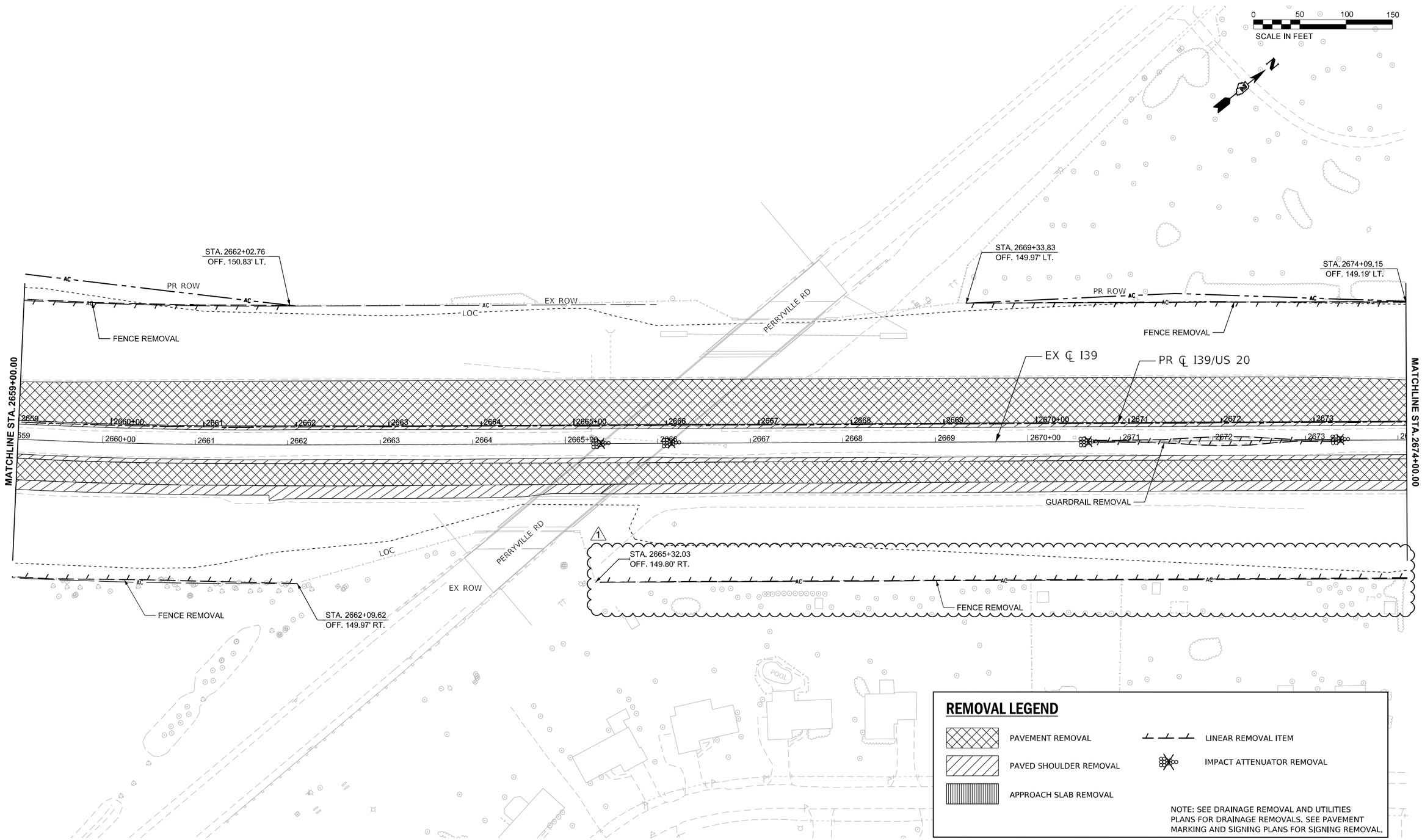
SCHEDULE OF QUANTITIES

SCALE: 1"=1'-0" | SHEET 13 OF 39 SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	61
		CONTRACT NO. 64C24		
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

1 REV. 7/1/25



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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3200
Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

USER NAME = jMajcher	DESIGNED - A.GIBSON	REVISED - 1 06/27/2025	
	DRAWN - E.SAYRE	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 6/26/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

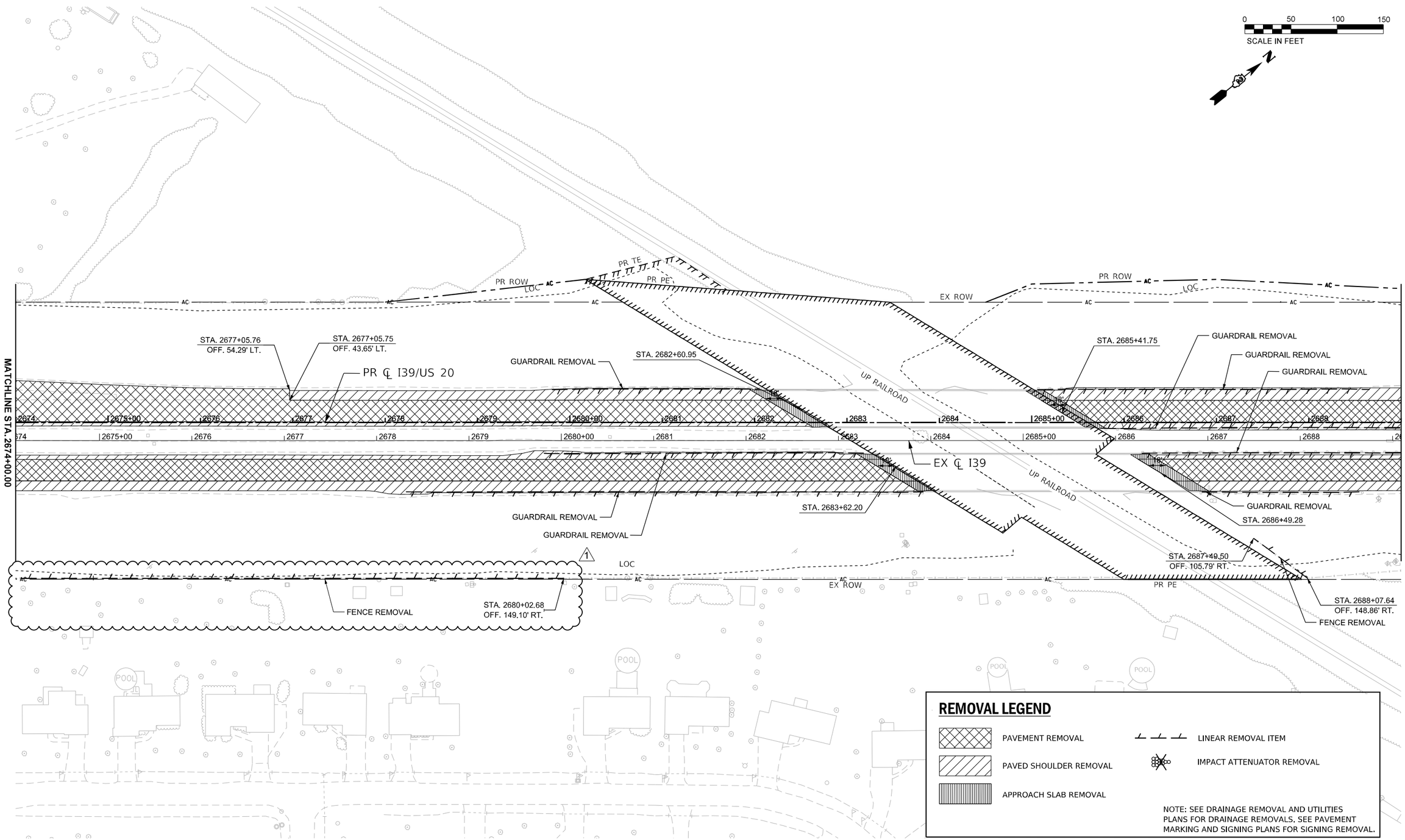
REMOVAL PLAN
I-39

SCALE: 1"=50' | SHEET 4 OF 10 SHEETS | STA. 2659+00.00 TO STA. 2674+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	100
		CONTRACT NO. 64C24		
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20) *

1 REV. 7/1/25 *



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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3200
Chicago, Illinois 60601
312-565-6450 Job No. 10800.00

USER NAME = jMajcher	DESIGNED - A.GIBSON	REVISED - 1 06/27/2025	
	DRAWN - E.SAYRE	REVISED -	
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PLOT DATE = 6/26/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

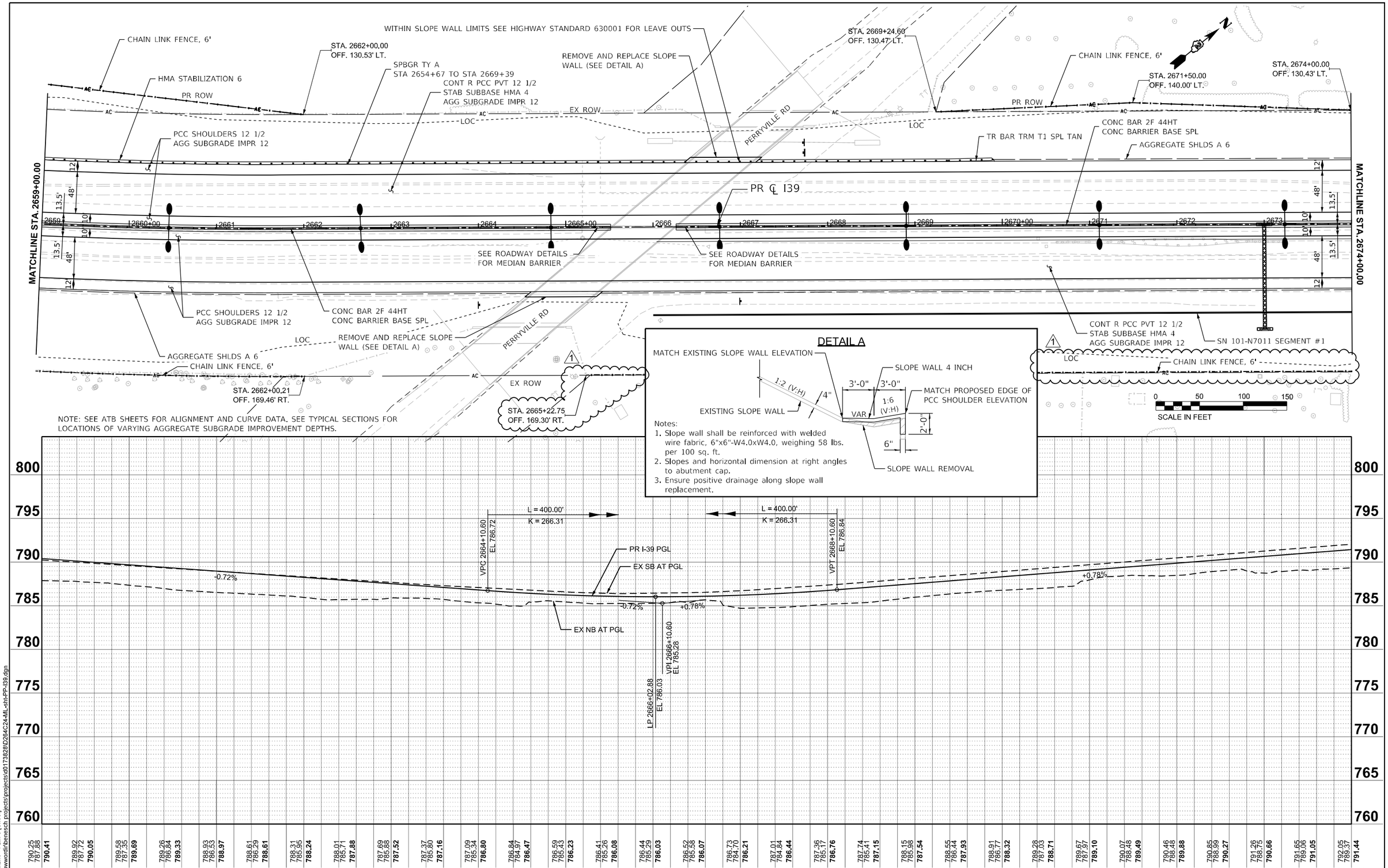
REMOVAL PLAN
I-39

SCALE: 1"=50' | SHEET 5 OF 10 SHEETS | STA. 2674+00.00 TO STA. 2689+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	101
		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

* FAI ROUTE 39 (I-39) & FAP 301 (US 20) *

1 REV. 7/1/25 *



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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3200
Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

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PLOT DATE = 6/26/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

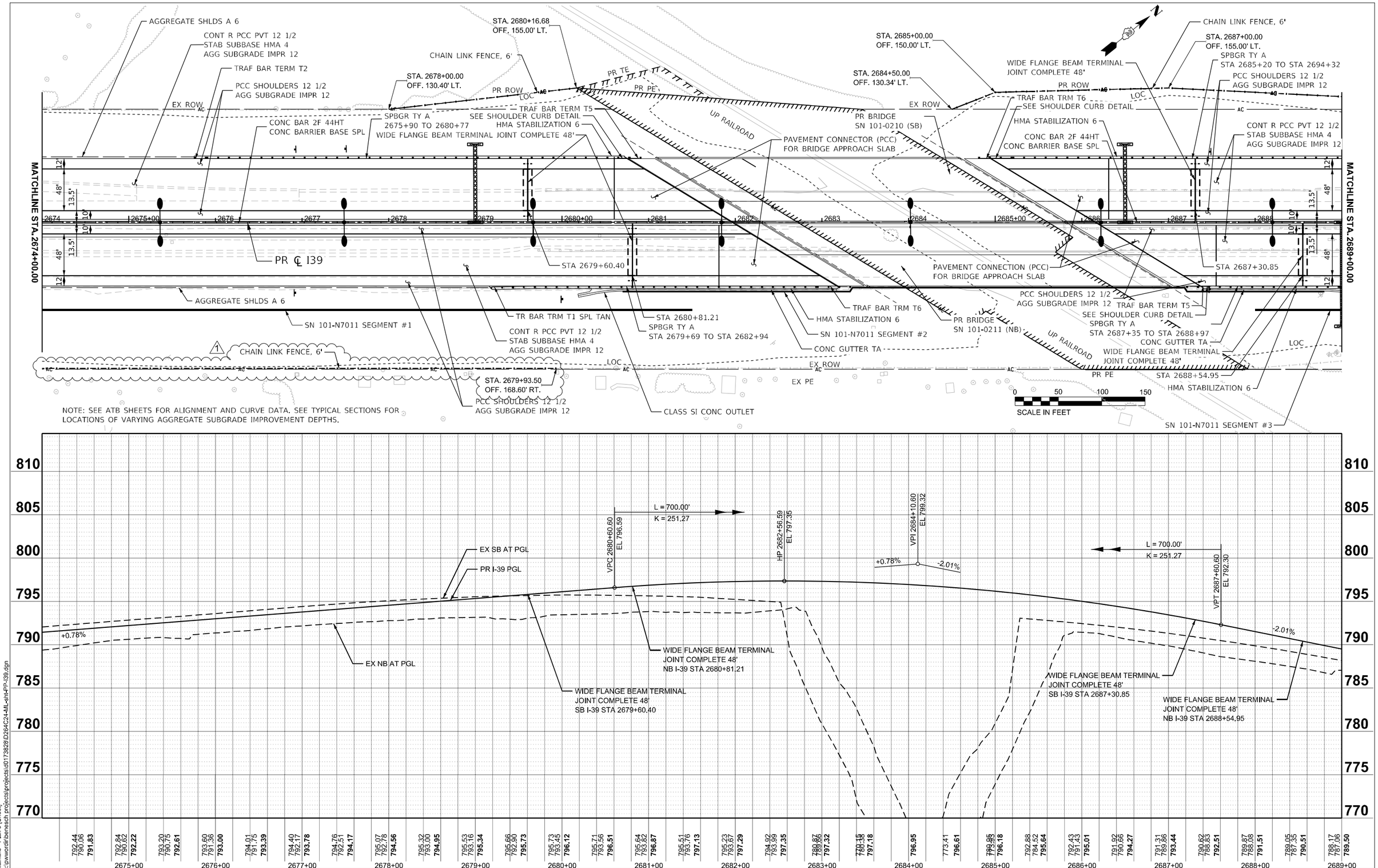
PROPOSED PLAN AND PROFILE
I-39

SCALE: 1"=50' | SHEET 4 OF 8 SHEETS | STA. 2659+00.00 TO STA. 2674+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	110
		CONTRACT NO. 64C24		
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

1 REV. 7/1/25



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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

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	DRAWN - J.MAJCHER	REVISED -	
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PLOT DATE = 6/26/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE
I-39

SCALE: 1"=50' | SHEET 5 OF 8 SHEETS | STA. 2674+00.00 TO STA. 2689+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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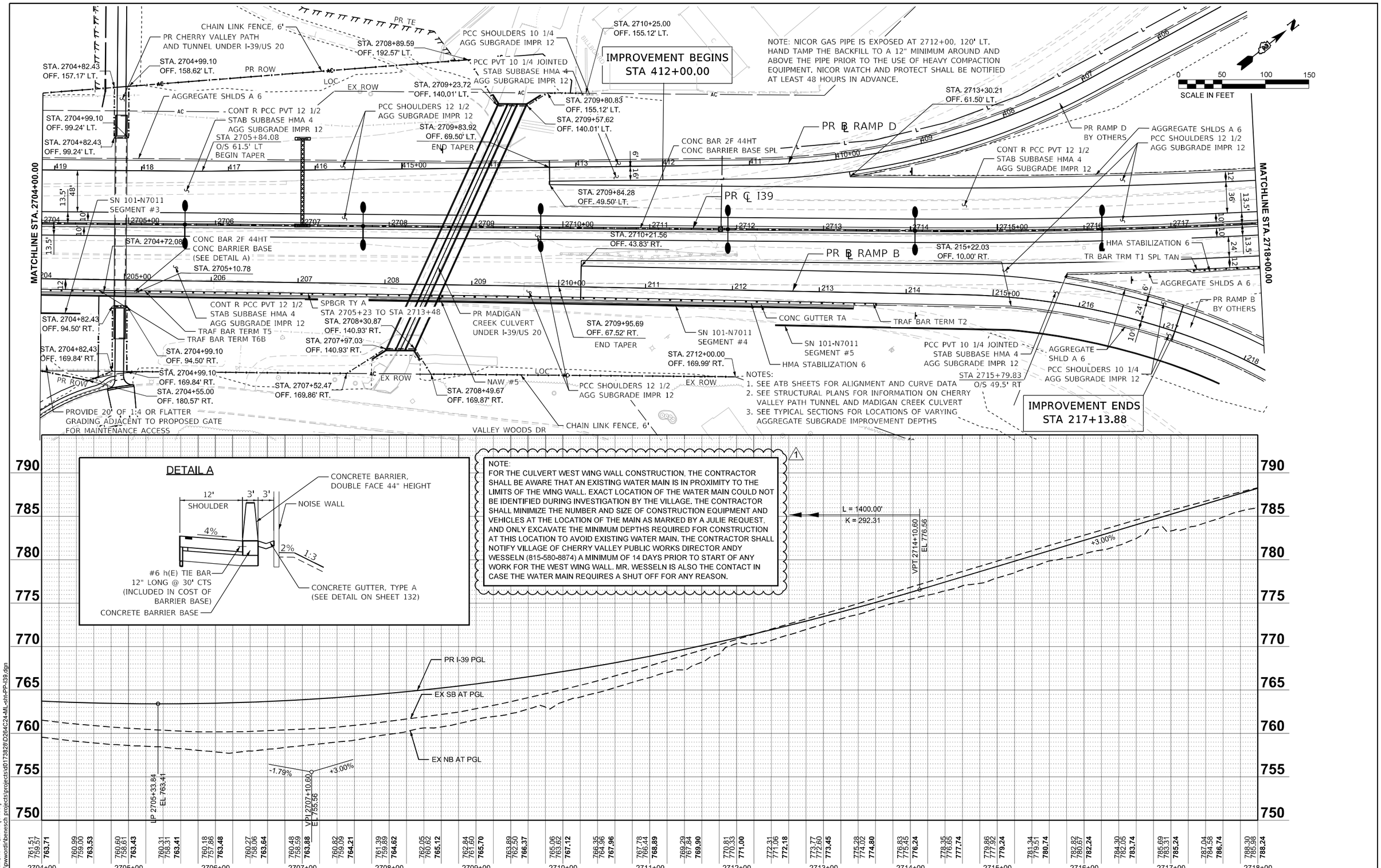
		CONTRACT NO. 64C24		
		ILLINOIS	FED. AID PROJECT	

* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

1 REV. 7/1/25



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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

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PLOT DATE = 6/26/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

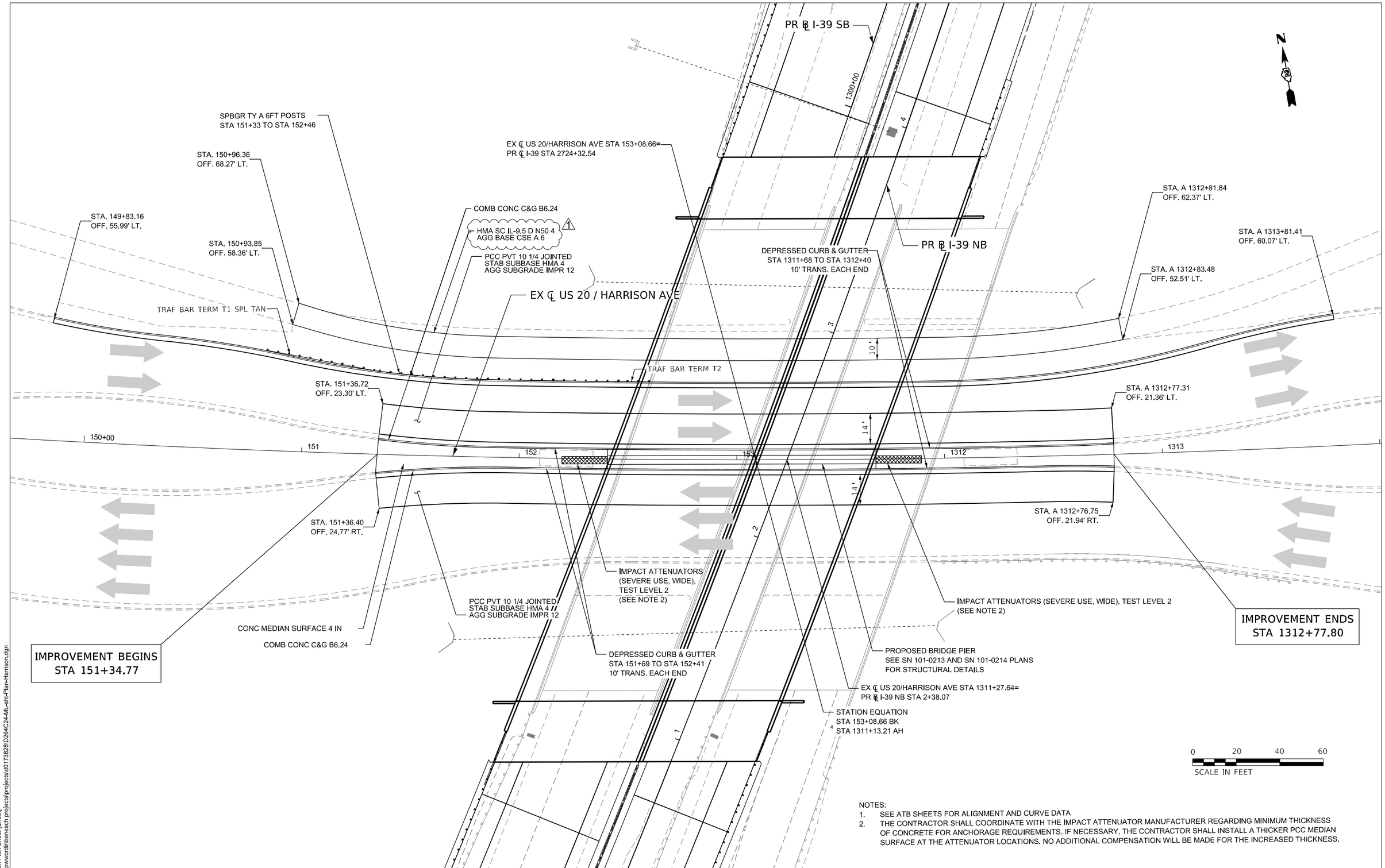
PROPOSED PLAN AND PROFILE
I-39

SCALE: 1"=50' | SHEET 7 OF 8 SHEETS | STA. 2704+00.00 TO STA. 2718+00.00

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	113
		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

* FAI ROUTE 39 (I-39) & FAP 301 (US 20) *

1 REV. 7/1/25 *



NOTES:

1. SEE ATB SHEETS FOR ALIGNMENT AND CURVE DATA
2. THE CONTRACTOR SHALL COORDINATE WITH THE IMPACT ATTENUATOR MANUFACTURER REGARDING MINIMUM THICKNESS OF CONCRETE FOR ANCHORAGE REQUIREMENTS. IF NECESSARY, THE CONTRACTOR SHALL INSTALL A THICKER PCC MEDIAN SURFACE AT THE ATTENUATOR LOCATIONS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE INCREASED THICKNESS.

MODEL: Harrison Plan Sheet [Sheet]
FILE NAME: c:\pwworkdir\benesch projects\projects\d0173828\D264C24-ML-sht-Plan-Harrison.dgn

benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3200
Chicago, Illinois 60601
312-565-0450 Job No. 10800.00

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PLOT SCALE = 0.16666633 ' / in.	CHECKED - J.TARDY	REVISED -	
PLOT DATE = 6/25/2025	DATE - 02/27/24	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PLAN
HARRISON AVE

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(201-3)R & (4-1.5)R	WINNEBAGO	1685	115
		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

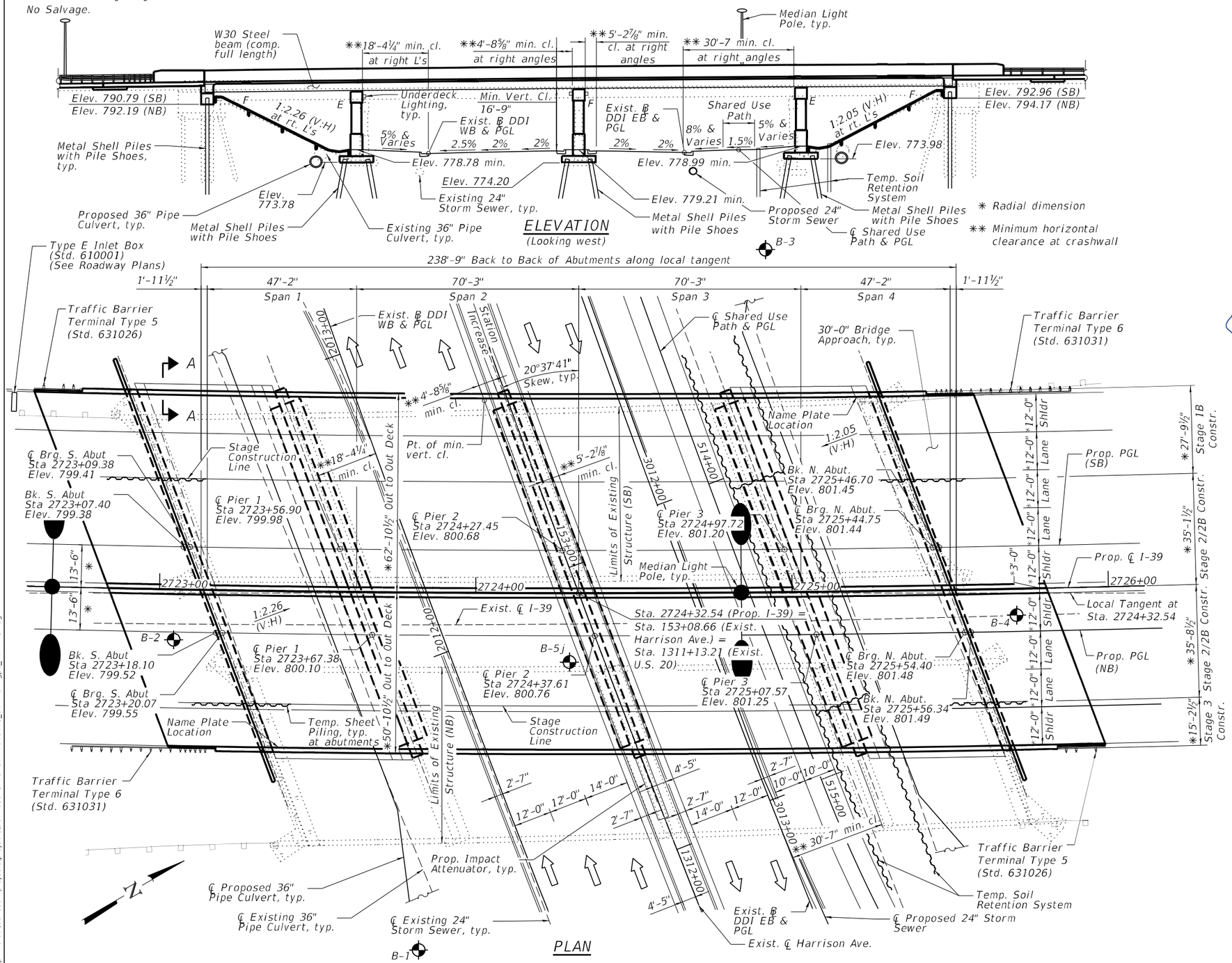
* FAI ROUTE 39 (I-39) & FAP 301 (US 20)

1 REV. 7/1/25

Bench Mark: B.M. 405 – N-2030863.68, E-2621037.13 – Elev. 770.67 – N.W. bolt on northerly overhead sign post of "Belvidere Exit 122A" sign. Approx. 400' into ramp. (East side of Ramp).

Existing SN 101-0071 & SN 101-0072 built as Section 5-HB in 1963. In 1990 the dual structures were widened and rehabilitated. Both structures consist of four span concrete deck on continuous steel wide flange superstructures supported by concrete piers and spill through abutments. Both structures are 228'-1" back to back of abutments. SN 101-0071 width varies from 52'-8" to 56'-7". SN 101-0072 width varies from 52'-10" to 56'-4¾". Traffic to be maintained utilizing staged construction.

No Salvage.



DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi (Substructure Concrete)
f'c = 4,000 psi (Superstructure Concrete)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (Structural Steel)***
(M270 Grade 50)

*** All structural steel shall be metallized.

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.056g
Design Spectral Acceleration at 0.2 sec. (S_{DS}) = 0.101g
Soil Site Class = C

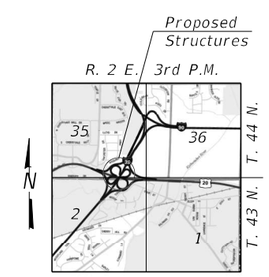
APPROVED
For Structural Adequacy Only
Engineer of Bridges & Structures

JAMES L. SURBER
081-007741
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS

EXPIRATION DATE: 11-30-2026
DATE: 05-16-2025

NOTES:

1. Elevations shown in Plan are final elevations after grinding.
2. Protective shielding shall be required along the full length of the existing structure during removal of the existing deck.
3. For Section A-A, see Sheet 3 of 81.



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
I-39/U.S. 20 OVER HARRISON AVE.
F.A.I. ROUTE 39 - SECTION (201-3)R & (4-1, 5)R
WINNEBAGO COUNTY
STATION 2724+32.54
STRUCTURE NUMBER 101-0213 (NB)
STRUCTURE NUMBER 101-0214 (SB)

MODEL: $MODELNAMES
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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0150 Job No. 10800

USER NAME =	DESIGNED - JPM/WKK	REVISED -	
	CHECKED - JLS	REVISED -	
PLOT SCALE =	DRAWN - KMS	REVISED -	
PLOT DATE =	CHECKED - JLS	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 81 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-3)R & (4-1, 5)R	WINNEBAGO	1685	696
		CONTRACT NO. 64C24		
		ILLINOIS FED. AID PROJECT		

5/16/2025 12:45:09 PM

REVISED ENTIRE SHEET 7/1/25

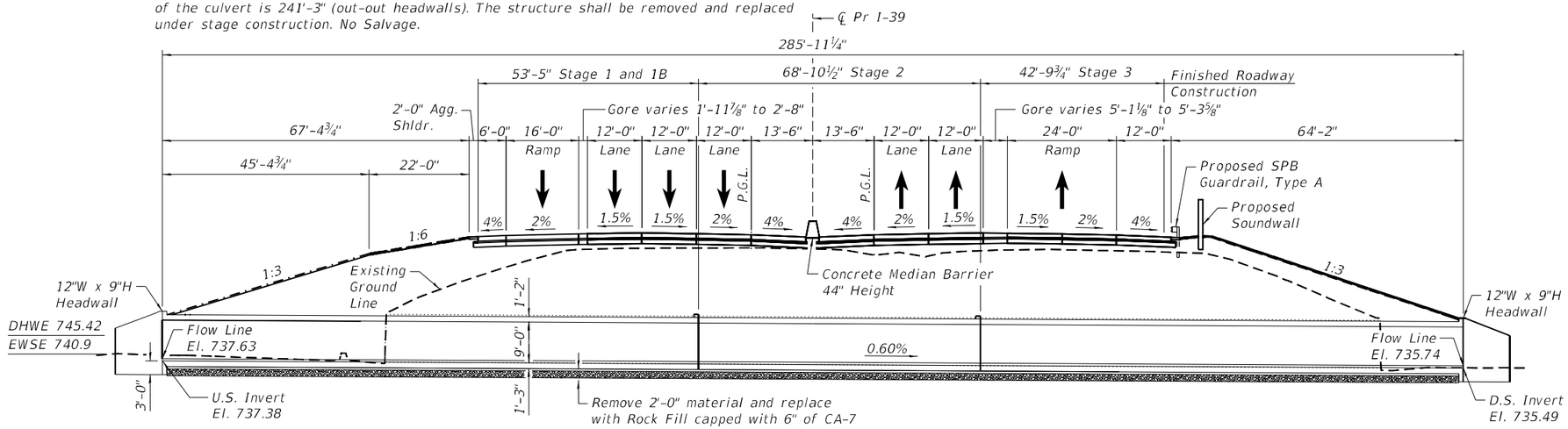
Existing Structure: The existing culvert S.N. 101-2025 was constructed in 1963 as a 12'-0"x10'-0" (WxH) double barrel reinforced concrete box culvert at Sta. 2708+77. Skewed 25° Left Ahead. The culvert consists of a 12" thick top slab, 13" bottom slab, 10" sidewalls with horizontal cantilever wingwalls and maximum fill height of approximately 16 feet. The overall length of the culvert is 241'-3" (out-out headwalls). The structure shall be removed and replaced under stage construction. No Salvage.

Bench Mark: #405 Found cut "X" on the northwest bolt of east end of the overhead sign for "Belvidere Exit 122A" on exit ramp on I39 North. 42°14'10.2"N 88°58'06.7"W, El. 770.67

STATION 2708+77.50
BUILT 20__ BY
STATE OF ILLINOIS
F.A.I. RTE. I-39
SECTION (201-3)R & (4-1,5)R
LOADING HL-93
STRUCTURE NO. 101-2053

NAME PLATE

See Std. 515001



LONGITUDINAL SECTION

Looking North
(Dimensions shown are at Right Angles to ℄ Pr. I-39)

WATERWAY INFORMATION

Drainage Area = 5.8 Sq. Mi.
Exist. Overtopping El. = 756.6 at Sta. 2706+00
Prop. Overtopping El. = 756.6 at Sta. 2706+00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	994	158	172				743.86	743.74
Design	50	1,382	196	212				745.42	745.24
Base	100	1,518	207	224				745.87	745.66
Max. Calc.	500	1,903	235	243				747.03	746.73

Existing 10-year outlet Velocity = 5.8 ft./s.
Proposed 10-year outlet Velocity = 5.1 ft./s.

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)

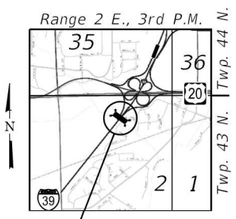
LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

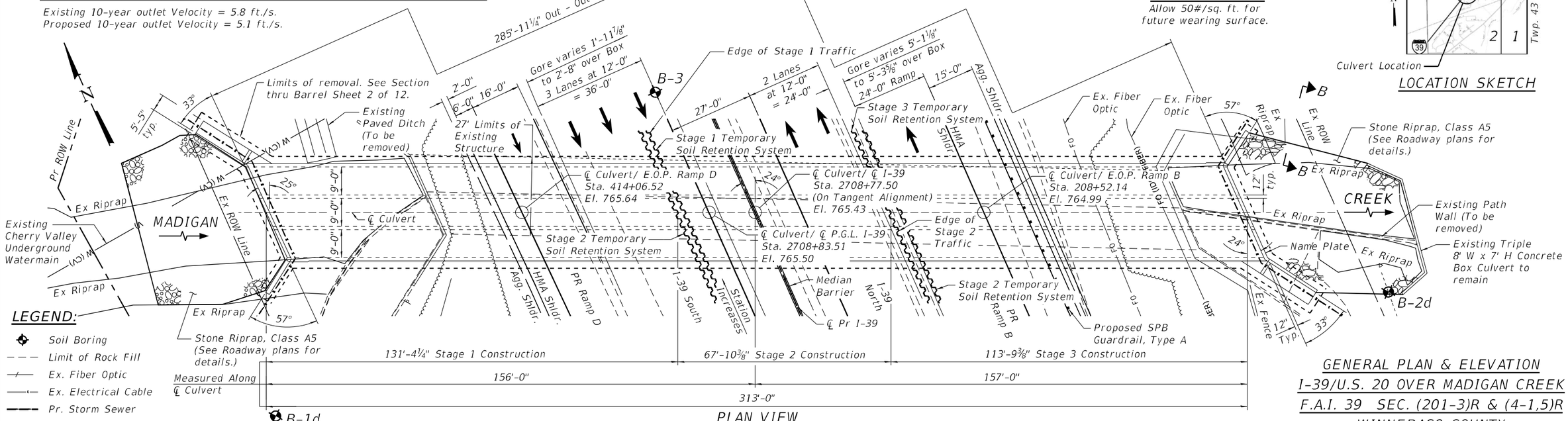
SCOTT A. BROWN
DIXON, ILLINOIS
ILLINOIS LICENSED STRUCTURAL ENGINEER NO. 081-005981
EXPIRES 11-30-2026

5/9/2025
DATE

APPROVED
For Structural Adequacy Only
Engineer of Bridges & Structures



LOCATION SKETCH



PLAN VIEW

LEGEND:

- Soil Boring
- Limit of Rock Fill
- Ex. Fiber Optic
- Ex. Electrical Cable
- Pr. Storm Sewer
- Underground Watermain
- Pr. Access Control
- Ex. Access Control
- Stone Riprap
- Rock Fill

GENERAL PLAN & ELEVATION

I-39/U.S. 20 OVER MADIGAN CREEK
F.A.I. 39 SEC. (201-3)R & (4-1,5)R
WINNEBAGO COUNTY
STATION 2708+77.50
STRUCTURE NO. 101-2053

MODEL: $MODELNAME$
FILE NAME: $FILEL$

WILLETT HOFMANN & ASSOCIATES INC
LANDPLANNING · ARCHITECTURE · LANDSCAPE ARCHITECTURE · ENGINEERING
809 EAST 2ND STREET, DIXON, IL 61021-0367
T 815-284-3381 LICENSE PSI: 184-000916

USER NAME = $USER$	DESIGNED - RB	REVISED -	
	CHECKED - SAB	REVISED -	
PLOT SCALE =	DRAWN - RDA	REVISED -	
PLOT DATE = $DATE$	CHECKED - SAB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 39	(201-3)R & (4-1,5)R	WINNEBAGO	1685	777
WHA # 1390D19		CONTRACT NO. 64C24		
ILLINOIS	FED. AID PROJECT			

REVISED ENTIRE SHEET 7/1/25

GENERAL NOTES

1.) A distance of half the length of the wingwall but not less than 6'-0" of the barrel shall be poured monolithically with the wingwalls.

2.) It will be the responsibility of the Contractor to direct the stream flow during construction in order to keep the construction areas free of water. The method of water diversion shall be subject to the approval of the Engineer and cost shall be included with the cost of the Concrete Box Culverts.

3.) Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

4.) The limits and quantities of removal and replacement shown are based on the boring data and may be modified by the District Geotechnical and Field Engineers for variable subsurface conditions encountered in the field.

5.) The Rock Fill shall be capped with 6" of CA-7 and satisfy the Standard Specifications unless otherwise indicated in the Special Provisions. The cost and quantity of the capping material shall be included in the pay item for Rock Fill. See Special Provisions.

6.) Precast culvert alternate is not allowed.

7.) Reinforcement bars designated (E) shall be epoxy coated.

8.) See drainage sheets for riprap details and quantities.

9.) Removal of Existing Structures No. 7 shall include removal and disposal of the box culvert, wingwalls, path inside the box, and the modular block retaining wall extension on the southeast wing.

10.) Confined space access and protective measures between stages shall be included in the Contractor's design of the temporary soil retention system. The cost shall be included with the Temporary Soil Retention System.

11.) The Contractor shall block the ends of the existing and proposed culverts to prevent unauthorized access during construction stages. The cost shall be included with the cost of the Concrete Box Culvert.

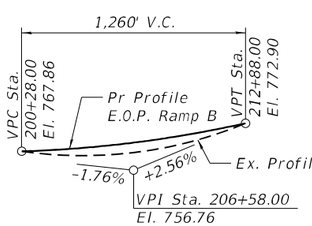
12.) For the culvert west wing wall construction, the contractor shall be aware that an existing water main is in proximity to the limits of the wingwall. Exact location of the water main could not be identified during investigation by the Village. The contractor shall minimize the number and size of construction equipment and vehicles at the location of the main as marked by a JULIE request, and only excavate the minimum depths required for construction at this location to avoid the existing water main. The contractor shall notify Village of Cherry Valley Public Works Director Andy Wesseln (815-580-8874) a minimum of 14 days prior to start of any work for the west wing wall. Mr. Wesseln is also the contact in case the water main requires a shut off for any reason. 1

INDEX OF SHEETS

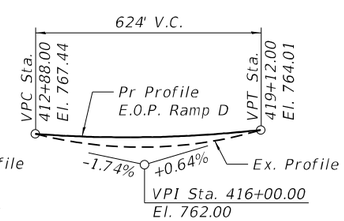
1 General Plan and Elevation
2 General Data
3 Culvert Layout and Grading Plan
4 Stage Removal and Construction Details
5 Stage Removal and Construction Details
6 Culvert Stage I Details
7 Culvert Stage II Details
8 Culvert Stage III Details
9 Culvert Details - Cross Section and Details
10 Bar Splicer Assembly and Mechanical Splicer Details
11-12 Soil Boring Logs

TOTAL BILL OF MATERIAL

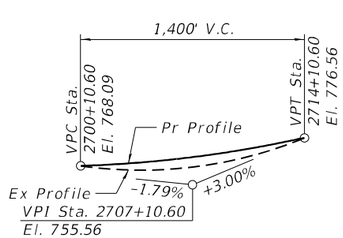
ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	2,771
Removal of Existing Structures No. 7	Each	1
Structure Excavation	Cu. Yd.	7,868
Reinforcement Bars	Pound	400,470
Reinforcement Bars, Epoxy Coated	Pound	1,980
Bar Splicers	Each	412
Name Plates	Each	1
Temporary Soil Retention System	Sq. Ft.	7,216
Concrete Box Culverts	Cu. Yd.	1,332.7
Rock Fill	Ton	1,339
Temporary Support System	Each	2



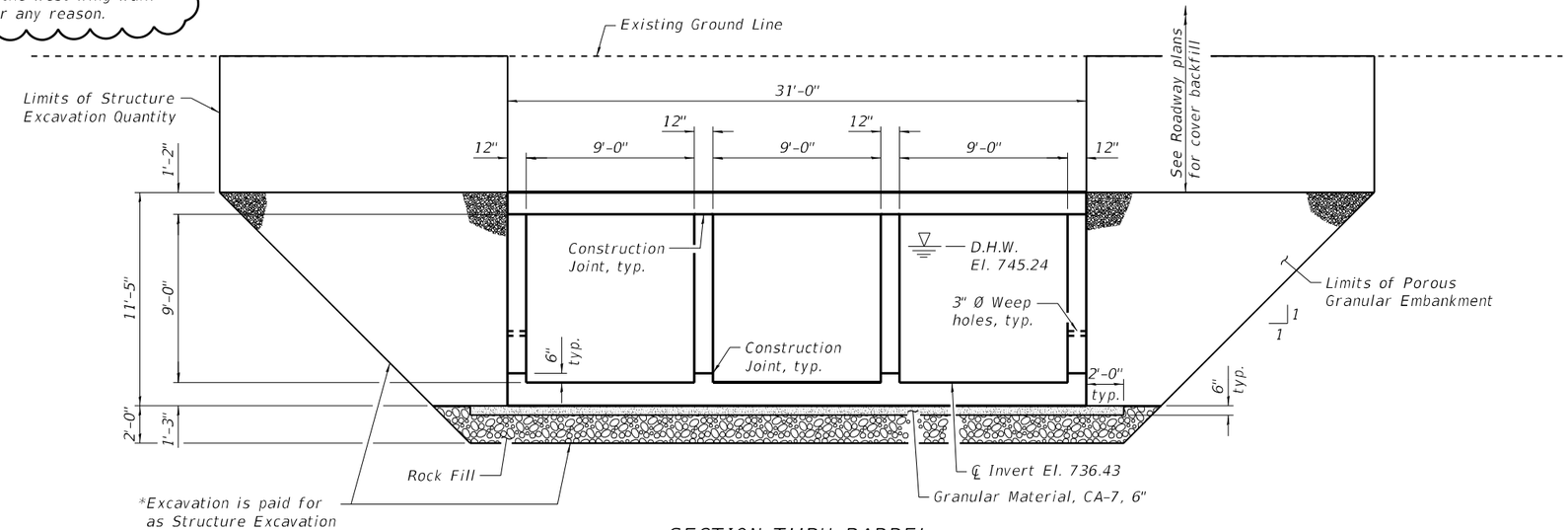
PROFILE GRADE
Along E.O.P. Ramp B



PROFILE GRADE
Along E.O.P. Ramp D



PROFILE GRADE
Along Pr I-39 NB & Pr I-39 SB, PGL



SECTION THRU BARREL
(At Rt. ∠'s to ℄ Structure)
Looking West

* The Structure Excavation plan quantity is based on the limits shown minus the volume of the existing culvert and the soil directly above the existing culvert.

MODEL: $MODELNAME$
FILE NAME: $FILEL$

WILLETT HOFMANN & ASSOCIATES INC
ENGINEERING ARCHITECTURE AND SURVEYING
809 EAST 2ND STREET, DIXON, IL 61021 0367
T. 815-284-3381 IDES CN PITAL: P184-000916

USER NAME = $USER$	DESIGNED - RB	REVISED - 1 6/27/2025	
	CHECKED - SAB	REVISED -	
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PLOT DATE = $DATE$	CHECKED - SAB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA

SHEET 2 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 39	(201-3)R & (4-1,5)R	WINNEBAGO	1685	778
WHA # 1390D19		CONTRACT NO. 64C24		
	ILLINOIS	FED. AID PROJECT		

1 REV. 7/1/25