

06-16-2023 LETTING ITEM 097

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
SURFACE TRANSPORTATION RURAL PROGRAM
VERMILION COUNTY HIGHWAY
DEPARTMENT

SECTION 22-00219-00-RS
HOMER-CATLIN ROAD (VERMILION STREET) (CH 8)
& BATESTOWN ROAD (CH 36)

PROJECT NO. OH1L(919)
CH 8 RESURFACING &
CH 36 PAVEMENT PATCHING & GRINDING, DRAINAGE IMPROVEMENTS
JOB NO. C-95-008-23

F.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22-00219-00-RS		VERMILION	20	1
F.A.S. 512 & F.A.U. 7005	ILLINOIS			CONTRACT NO. 91624

CONTRACT NO. 91624



LOCATION OF SECTION INDICATED THUS: —

DESCRIPTION OF WORK
THIS PROJECT CONSISTS OF FULL-DEPTH PATCHING, MILLING AND OVERLAYING THE EXISTING PAVEMENT, ADA RELATED SIDEWALK WORK AND ASSOCIATED IMPROVEMENTS ON F.A.S. 512 (CH. 8) FROM WEST OF GOD'S ACRE ROAD TO WEST OF JACKSON STREET. WORK WILL ALSO CONSIST OF FULL-DEPTH PATCHING, PAVEMENT GRINDING, CUTTER REMOVAL AND REPLACEMENT, AND DRAINAGE-RELATED IMPROVEMENTS ON F.A.U. 7005 (CH. 36) FROM US 150 WEST TO US 150 EAST.

GAS & ELECTRIC
AMEREN ILLINOIS
46 EXECUTIVE DRIVE
COLLINGSVILLE, IL 62234

WATER & SEWER
VILLAGE OF CATLIN
109 SANDUSKY STREET
CATLIN, IL 61817

COMMUNICATIONS
METRO COMMUNICATIONS
8 SOUTH WASHINGTON STREET
P.O. BOX 555
SULLIVAN, IL 61951

TELEPHONE
AT&T
1000 COMMERCE DRIVE
OAK BROOK, IL 60523

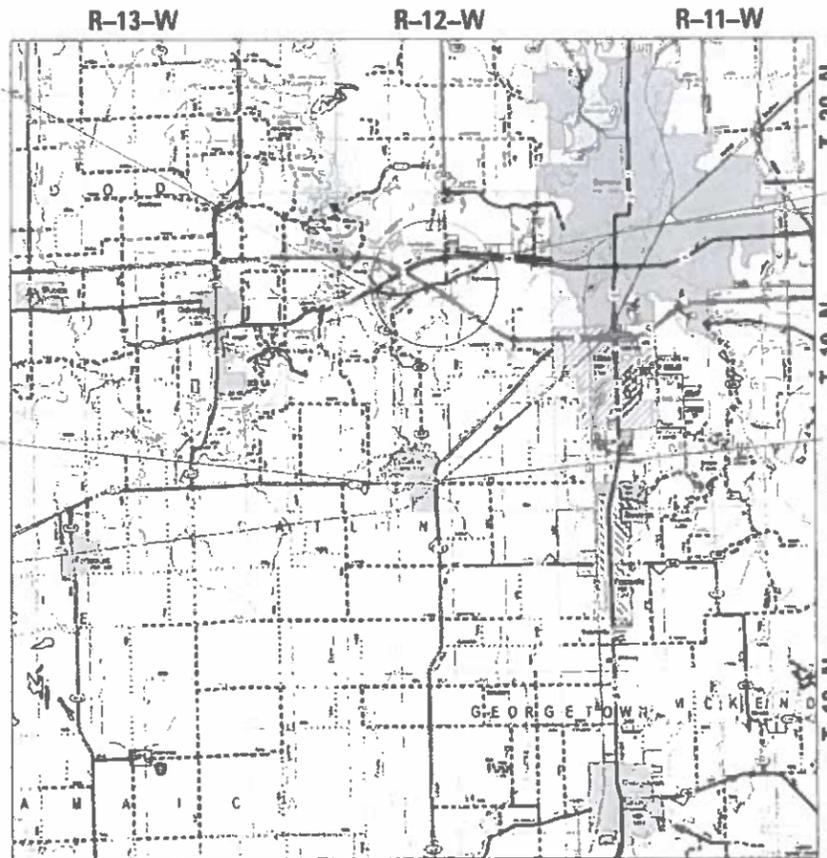


J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR (CH 8 & CH 36)
ADT (2043): 3680 (CH 8); 1310 (CH 36)

PROJECT MANAGER:
BRIAN BORGMAN, P.E.
HUTCHISON ENGINEERING, INC.
JACKSONVILLE, IL

3R GUIDELINES



CH 36 (BATESTOWN RD)
CONSTRUCTION BEGINS
STATION 0+60.00

CH 8 (HOMER-CATLIN RD)
CONSTRUCTION BEGINS
STATION 11+00.00

CH 36 (BATESTOWN RD)
CONSTRUCTION ENDS
STATION 119+30.00

CH 8 (HOMER-CATLIN RD)
CONSTRUCTION ENDS
STATION 31+83.00



CH 36 (BATESTOWN RD) - GROSS LENGTH = 11,870.00 FT. = 2.24 MI
NET LENGTH = 11,530.00 FT. = 2.18 MI
CH 8 (HOMER-CATLIN RD) - GROSS LENGTH = 2083.03 FT. = 0.40 MI
NET LENGTH = 2083.03 FT. = 0.40 MI

Since 1945
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JACKSONVILLE • PEORIA • SHOREWOOD
CARBONDALE • MOLINE
Illinois Professional Design Firm No. 154-000825

BRIAN M. BORGMAN
062-058271
REGISTERED
PROFESSIONAL
ENGINEER
STATE OF ILLINOIS
3/3/23
ENGINEER'S SEAL EXPIRES 11/30/2023

APPROVED: *Adrian K. Krenn* 3/3 2023
VERMILION COUNTY ENGINEER
PASSED: *Frank Krueger* MARCH 20 2023
DISTRICT FIVE ENGINEER OF LOCAL ROADS & STREETS
Released For Bid Based on Limited Review: *Ronald A. Dumas* March 20, 2023
REGION THREE ENGINEER

MODEL FILE NUMBER: 190604001
 PROJECT FILE NUMBER: 22-00219-00-RS
 PROJECT NAME: HOMER-CATLIN RD & BATESTOWN RD (VERMILION COUNTY) 3/1/2023 - 09:00am CDT

GENERAL NOTES

- THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE VILLAGE AND THE INDICATED ADJUSTMENTS OR RECONSTRUCTION ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE VILLAGE, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS MILLING, PAVING, GRADING AND SHOULDER OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED WITH THE COST OF THE CONTROLLING PAY ITEM FOR THE OPERATION.
- EXISTING CONCRETE BASES AND OTHER MISCELLANEOUS CONCRETE FROM WORK NOT SPECIFICALLY SHOWN ON THE PLANS, BUT INTERFERING WITH PROPOSED CONSTRUCTION, SHALL BE REMOVED AND VOID FILLED WITH TRENCH BACKFILL. ALL COSTS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTROLLING PAY ITEM FOR THE OPERATION.
- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- WHEREVER IN THESE PLANS REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS", IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS" INCLUDED IN THE PROPOSAL.
- ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT MEAN SEA LEVEL.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.
- THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 (TEN) DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES AS REGARDS TO THEIR FACILITIES.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR MUST CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRICAL, TELEPHONE, GAS FACILITIES, AND ALL PUBLIC UTILITIES. A 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWER AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES AND SEWERS WHICH ARE STILL IN SERVICE.
- VERIFICATION OF DIMENSIONS: IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY OWNERS AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- ALL FRAMES, GRATES, SIGNS, FENCES AND DELINEATORS, DRIVEWAY PAVEMENT, CURB AND GUTTER, NEW OR EXISTING, DAMAGED THROUGH CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- THE COST OF ADDITIONAL LABOR AND MATERIALS NOT ACCOUNTED FOR ON THE PLANS, WHICH MIGHT BE INVOLVED IN MAINTAINING THE FLOW OF STORM WATER TO EXISTING DRAINAGE STRUCTURES, SHALL BE INCLUDED IN THE COST OF THE CONTROLLING PAY ITEM FOR THE OPERATION.
- TRAFFIC SIGNS REMOVED MUST BE RESET AT THEIR PERMANENT LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE ROADWAY AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE RESET BEFORE THE ROADWAY IS OPEN TO TRAFFIC. COST OF SUCH WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE A RECORD OF THE EXISTING PAVEMENT MARKING PRIOR TO THE START OF PAVEMENT OPERATIONS SO THAT THE PAVEMENT MARKING CAN BE REPLICATED AFTER PAVEMENT OPERATIONS ARE COMPLETE. THE COST OF SUCH WORK SHALL BE INCLUDED IN THE COST OF THE PAVEMENT MARKING.

20. TURF AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE GRADED AND SEEDED TO THE SATISFACTION OF THE ENGINEER. COST OF SUCH WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.

21. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	CH 8	
MIXTURE USE(S):	SURFACE	INCIDENTAL
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ Ndes = 50	4% @ Ndes = 50
MIXTURE COMP (GRADATION)	IL-9.5	IL-9.5
FRICION AGGREGATE	MIX "C"	MIX "C"
MIXTURE WEIGHT	112	112
QUALITY MANAGE- MENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MATERIAL TRANSFER DEVICE (REQUIRED?)	NO	NO

LEGEND

-  CLASS B PATCHES, 8", OF THE TYPE AND SIZE SPECIFIED (SQ YD)
-  INLET TO BE ADJUSTED
-  VALVE BOX TO BE ADJUSTED
-  MANHOLE TO BE ADJUSTED
-  INLET TO BE REMOVED

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006-00 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 442101-09 CLASS B PATCHES
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 606106-05 OUTLET, TYPE 1 FOR TYPE A GUTTER
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701336-07 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS = 40MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER, OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CH 8 & CH 36
GENERAL NOTES, LEGEND, & HIGHWAY STANDARDS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-R5	VERMILION	20	2
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
		ILLINOIS	FED. AID PROJECT	

SCALE: N/A SHEET 1 OF 1 SHEETS

Since 1945
Hutchison Engineering, Inc.
JACKSONVILLE • PEORIA • SHOREWOOD
CARBONDALE • MOLINE
Illinois Professional Design Firm No. 194-000825

USER NAME = CBurke	DESIGNED - BMB	REVISED -
	DRAWN - BMB	REVISED -
PLOT SCALE = 2,0000 ' / In.	CHECKED - CMB	REVISED -
PLOT DATE = 2/27/2023	DATE - 02/2023	REVISED -

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	VERMILION COUNTY	
				CH 8	CH 36
				ROADWAY	
				0005	
URBAN					
* 21400100	GRADING AND SHAPING DITCHES	FOOT	50		50
28000400	PERIMETER EROSION BARRIER	FOOT	50		50
28000500	INLET AND PIPE PROTECTION	EACH	6		6
28000510	INLET FILTERS	EACH	5		5
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3933	3933	
40600990	TEMPORARY RAMP	SQ YD	84	84	
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	687	687	
* 40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	81	81	
* 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	543	543	
42400800	DETECTABLE WARNINGS	SQ FT	84	84	
* 44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	8177	8177	
* 44000400	GUTTER REMOVAL	FOOT	406		406
* 44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	207	207	
* 44000600	SIDEWALK REMOVAL	SQ FT	568	568	

* SEE SPECIAL PROVISIONS

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 2023

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 CARBONDALE • MOBILE
 State Professional Design Firm No. 1594-000015
 2023 JOB # 4900

USER NAME = CBurke	DESIGNED - CMB	REVISED -
DRAWN - CMB	CHECKED - BMB	REVISED -
PLOT SCALE = 2.0000' / 1 in.	DATE - 02/2023	REVISED -
PLOT DATE = 2/27/2023		

DESIGNED - CMB	REVISED -
DRAWN - CMB	REVISED -
CHECKED - BMB	REVISED -
DATE - 02/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CH 8 & CH 36
 SUMMARY OF QUANTITIES
 SCALE: N/A SHEET 1 OF 4 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-RS	VERMILION	20	3
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
ILLINOIS		FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	VERMILION COUNTY	
				CH 8	CH 36
				ROADWAY	
				0005 URBAN	
* 44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	94	22	72
* 44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	1780	324	1456
* 44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	1944	332	1612
* 44201297	DOWEL BARS 1"	EACH	1856	371	1485
* 44213208	TIE BARS 1 1/4"	EACH	1856	371	1485
60100955	PIPE DRAINS 15"	FOOT	12		12
* 60255500	MANHOLES TO BE ADJUSTED	EACH	2	1	1
* 60260100	INLETS TO BE ADJUSTED	EACH	7	5	2
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	
60403400	GRATES, TYPE A	EACH	1		1
* 60500060	REMOVING INLETS	EACH	1		1
* 60600095	CLASS SI CONCRETE (OUTLET)	CU YD	25.7		25.7
* 60602500	CONCRETE GUTTER, TYPE A	FOOT	406		406
* 60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	207	207	

* SEE SPECIAL PROVISIONS

MODEL: 4P00DLWANKS
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 2023

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 CARROTSDALE • MOLINE
 Illinois Professional Engineer Firm No. 184-000825
 JOB # 4986

USER NAME = B.Bergman	DESIGNED - CMB	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - CMB	REVISED -
PLOT DATE = 3/3/2023	CHECKED - BMB	REVISED -
	DATE - 02/2023	REVISED -

DESIGNED - CMB	REVISED -
DRAWN - CMB	REVISED -
CHECKED - BMB	REVISED -
DATE - 02/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CH 8 & CH 36
 SUMMARY OF QUANTITIES
 SCALE: N/A SHEET 2 OF 4 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-RS	VERMILION	20	4
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	VERMILION COUNTY	
				CH 8	CH 36
				ROADWAY	
				0005	
URBAN					
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1570	417	1153
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	524	139	385
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	219	219	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	37233	4923	32310
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	112	112	
# 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	219	219	
# 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	37233	4923	32310
# 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	112	112	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	12741	1971	10770
* X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	267	267	
* X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	212	212	
* X5430248	CURED-IN-PLACE PIPE LINER, 48"	FOOT	194		194
* X6062700	CONCRETE GUTTER, TYPE A(SPECIAL)	FOOT	66		66

* SEE SPECIAL PROVISIONS

SPECIALTY ITEMS

MODEL: SMODEL\MAMES FILE NAME: V:\9166 - Home-CAD\CADD Sheets\05 - 9166\CH 8\CH 36\0003.dwg

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 2023 JOB # 4986

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PLOT SCALE = 2.0000' / in.	DRAWN - CMB	REVISED -
PLOT DATE = 2/27/2023	CHECKED - BMB	REVISED -
	DATE - 02/2023	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CH 8 & CH 36
 SUMMARY OF QUANTITIES

SCALE: N/A SHEET 3 OF 4 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-RS	VERMILION	20	5
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	VERMILION COUNTY	
				CH 8	CH 36
				ROADWAY	
				0005	
URBAN					
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5
* Z0037200	PAVEMENT GRINDING	SQ YD	28185		28185

* SEE SPECIAL PROVISIONS

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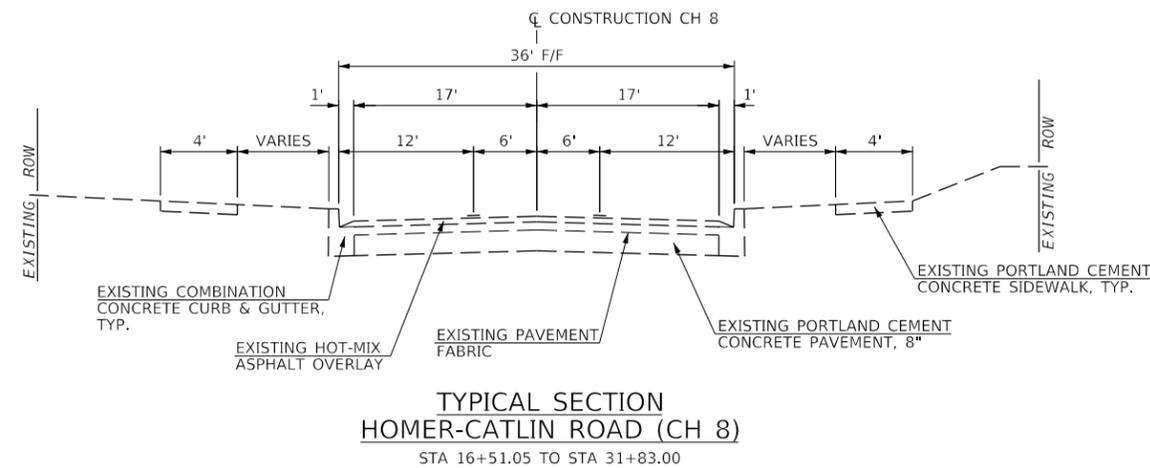
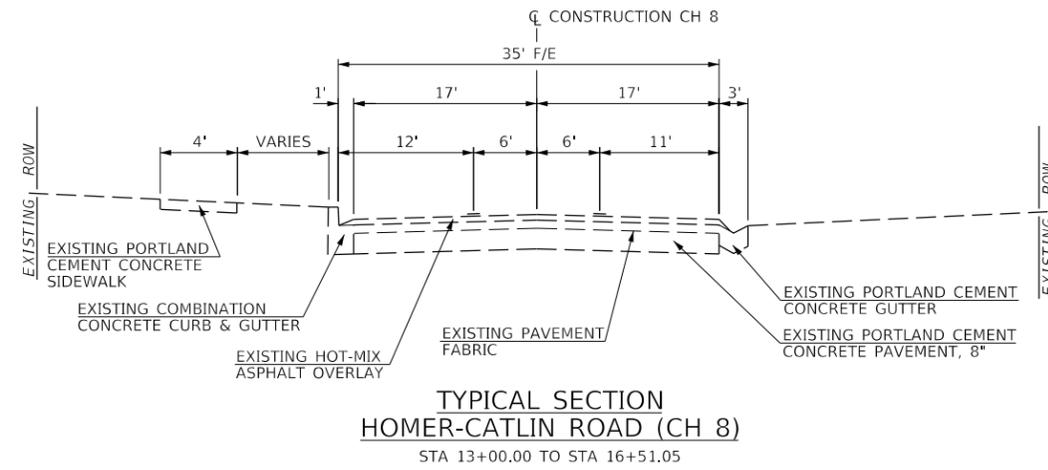
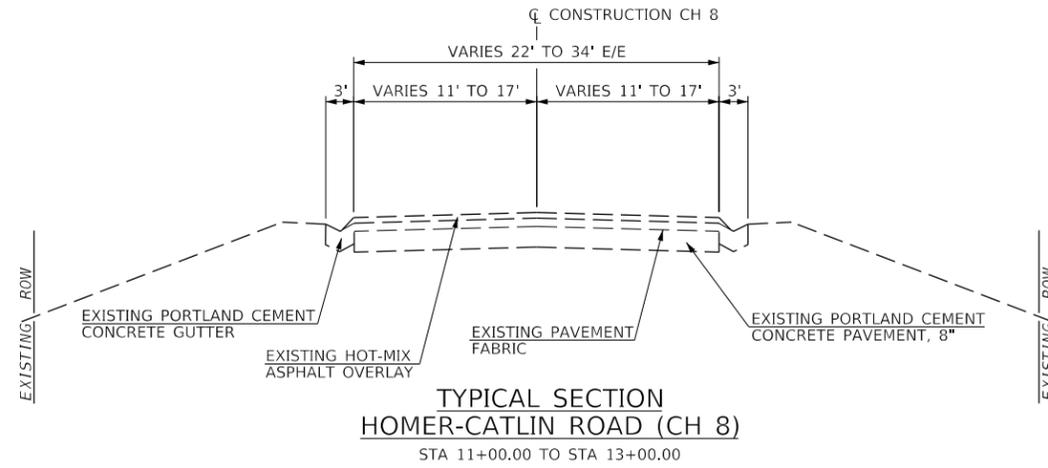
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 CARBONDALE • MOLINE
 Illinois Professional Design Firm No. 184-003323

USER NAME = CBurke	DESIGNED - CMB	REVISED -
PLOT SCALE = 2.0000" / 1"	DRAWN - CMB	REVISED -
PLOT DATE = 2/27/2023	CHECKED - BMB	REVISED -
	DATE - 02/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CH 8 & CH 36 SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 4	OF 4	SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-RS	VERMILION	20	6
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
ILLINOIS FED. AID PROJECT				



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 Illinois Professional Design Firm No. 184-000825

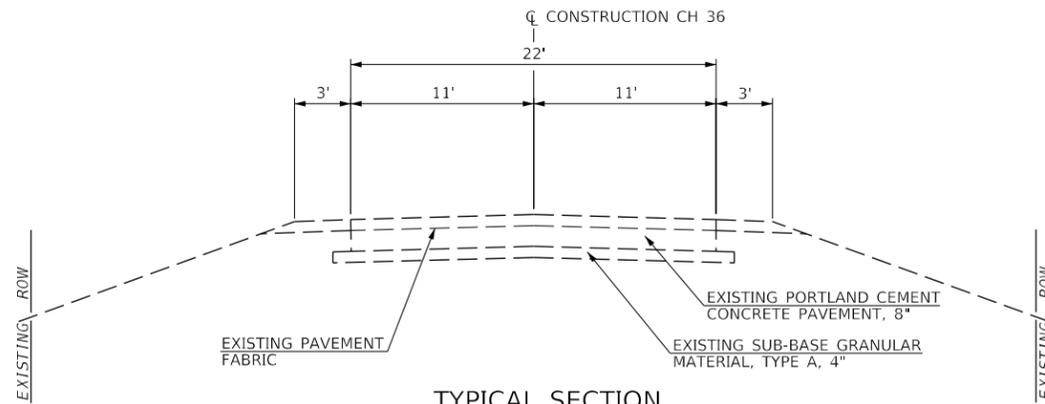
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		DRAWN -	JCW	REVISED -	
PLOT SCALE =	10,0000' / In.	CHECKED -	BMB	REVISED -	
PLOT DATE =	2/27/2023	DATE -	10/26/2022	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 8 (HOMER-CATLIN ROAD)
EXISTING TYPICAL SECTIONS**

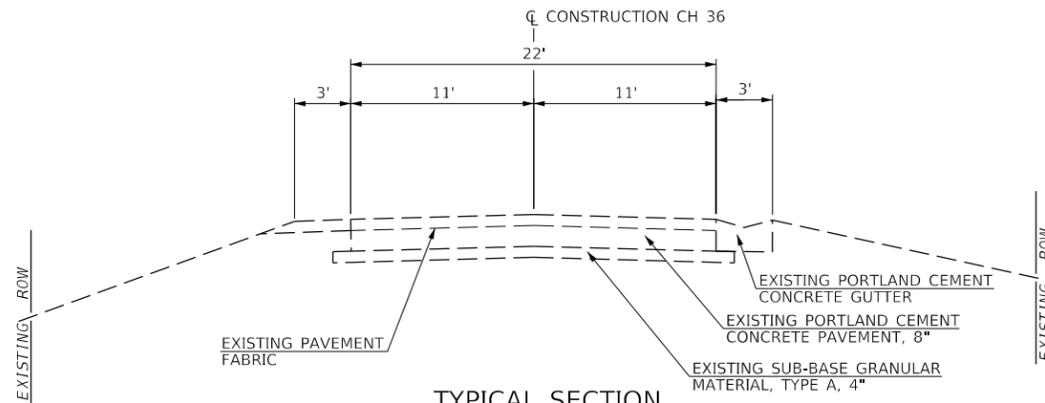
SCALE: N/A SHEET 1 OF 1 SHEETS STA. - TO STA. -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-R5	VERMILION	20	7
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
		ILLINOIS	FED. AID PROJECT	



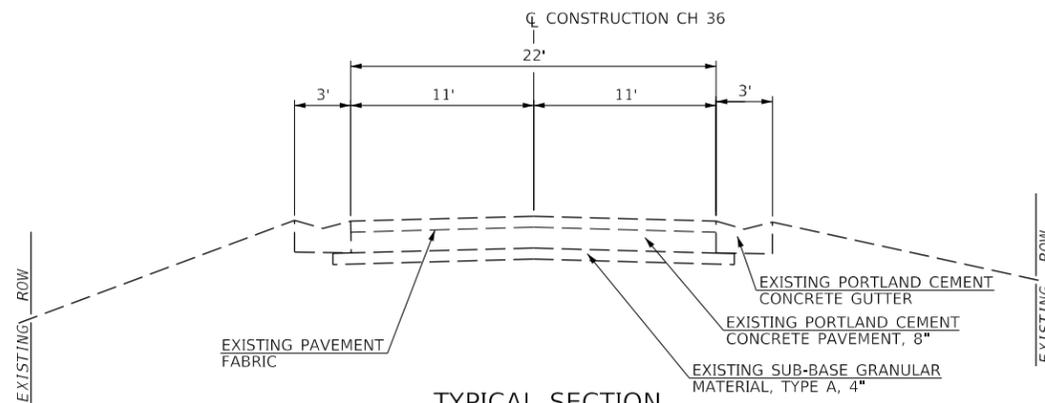
**TYPICAL SECTION
BATESTOWN ROAD (CH 36)**

STA 0+60.00 TO STA 58+69.39
STA 62+78.34 TO STA 65+68.16
STA 75+74.00 TO STA 119+30.00



**TYPICAL SECTION
BATESTOWN ROAD (CH 36)**

STA 58+69.39 TO STA 62+78.34



**TYPICAL SECTION
BATESTOWN ROAD (CH 36)**

STA 65+68.16 TO STA 75+74.00

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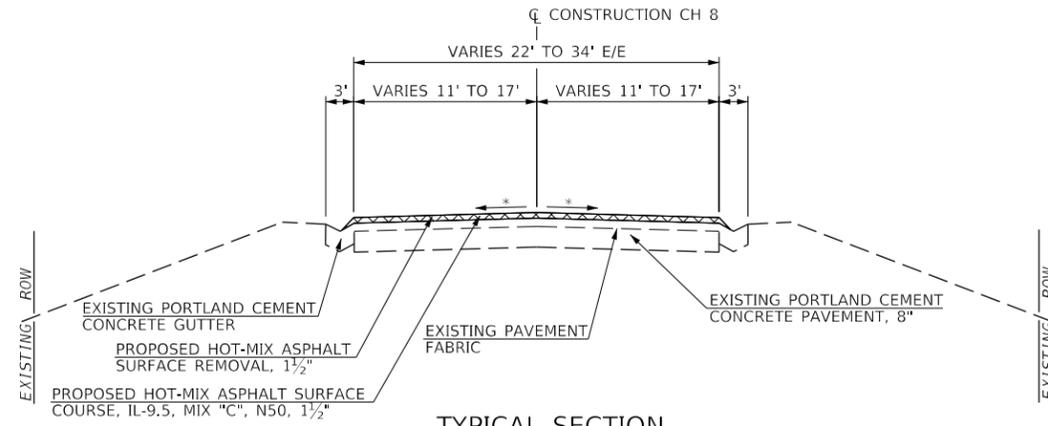
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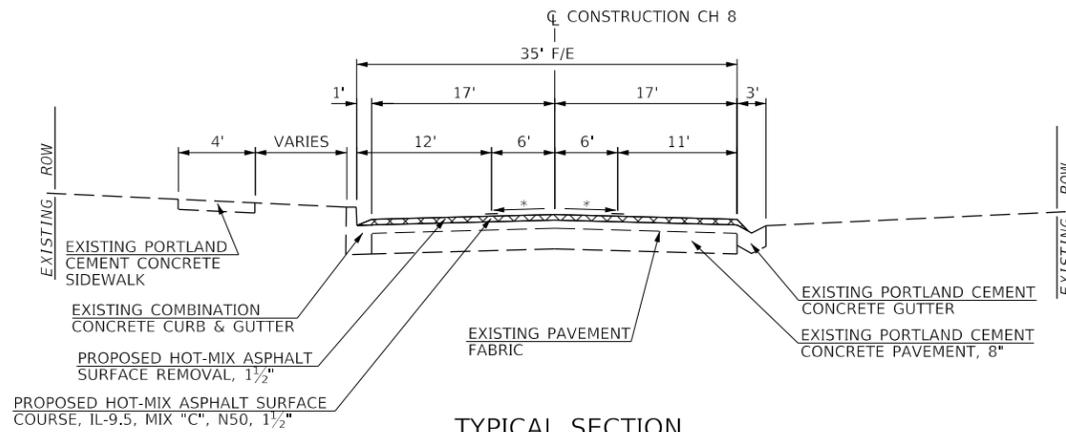
**COUNTY HIGHWAY 36 (BATESTOWN ROAD)
EXISTING TYPICAL SECTIONS**

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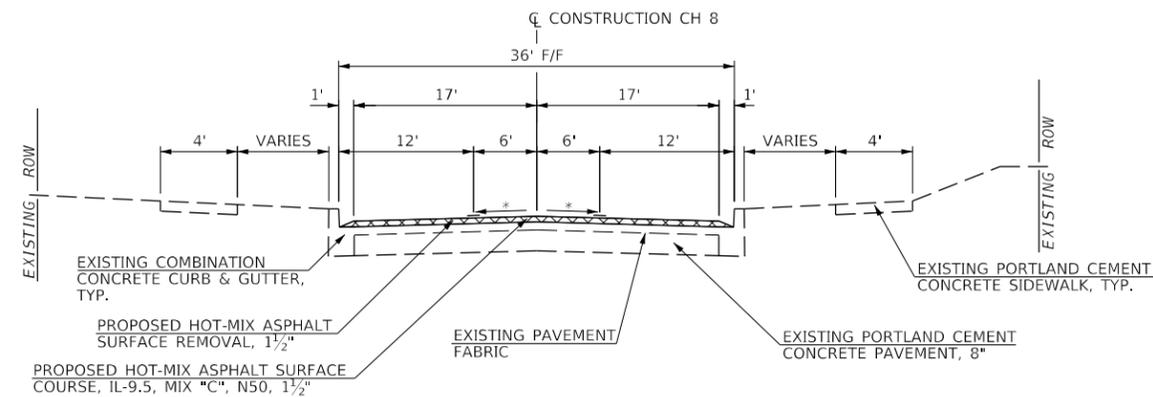
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*	22-00219-00-R5	VERMILION	20	8
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
		ILLINOIS	FED. AID PROJECT	



TYPICAL SECTION
HOMER-CATLIN ROAD (CH 8)
STA 11+00.00 TO STA 13+00.00



TYPICAL SECTION
HOMER-CATLIN ROAD (CH 8)
STA 13+00.00 TO STA 16+51.05



TYPICAL SECTION
HOMER-CATLIN ROAD (CH 8)
STA 16+51.05 TO STA 31+83.00

* MATCH EXISTING CROSS SLOPE

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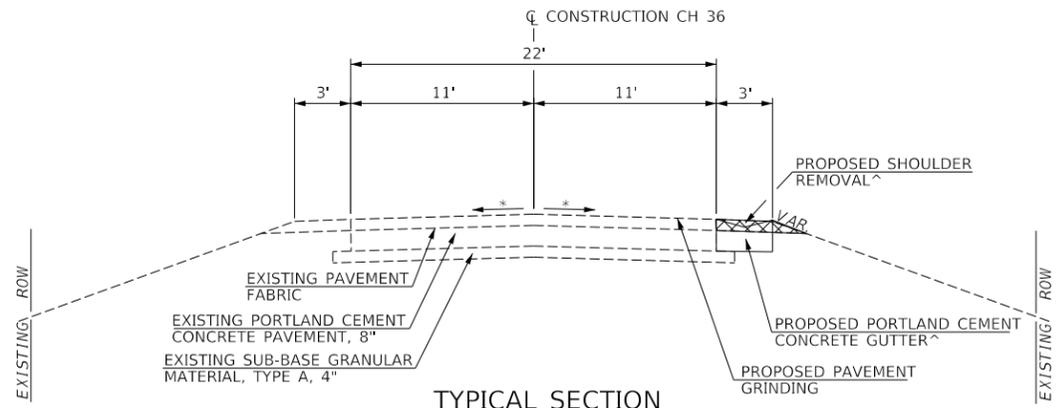
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COUNTY HIGHWAY 8 (HOMER-CATLIN ROAD)
PROPOSED TYPICAL SECTIONS

SCALE: N/A SHEET 1 OF 2 SHEETS

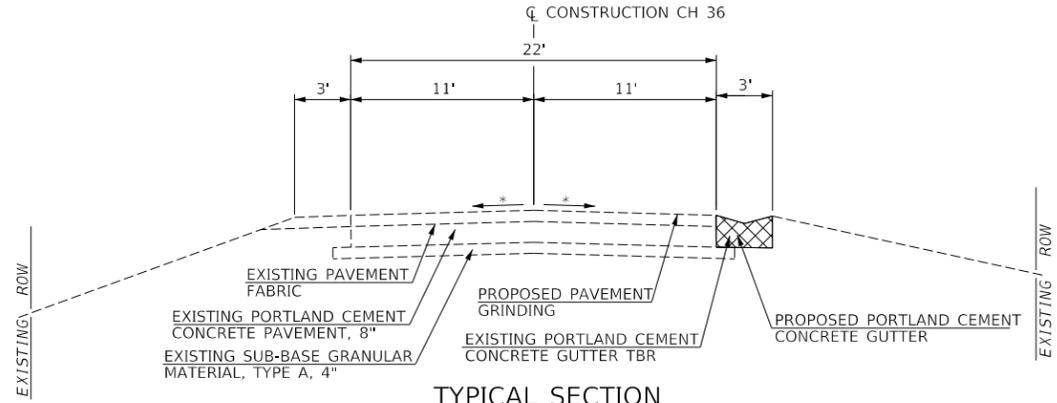
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*	22-00219-00-R5	VERMILION	20	9
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
		ILLINOIS	FED. AID PROJECT	



**TYPICAL SECTION
BATESTOWN ROAD (CH 36)**

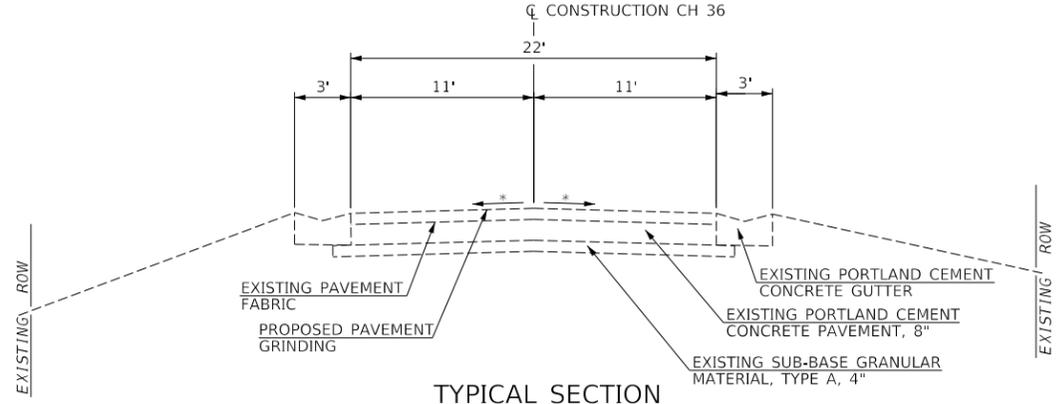
STA 0+60.00 TO STA 58+69.39
STA 62+78.14 TO STA 65+68.16
STA 75+74.00 TO STA 119+30.00

^ - SHOULDER REMOVAL AND CONCRETE GUTTER:
STA 62+78.34 TO STA 65+62.67



**TYPICAL SECTION
BATESTOWN ROAD (CH 36)**

STA 58+69.39 TO STA 62+78.14



**TYPICAL SECTION
BATESTOWN ROAD (CH 36)**

STA 65+62.67 TO STA 75+74.00

* MATCH EXISTING CROSS SLOPE

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PLOT SCALE = 10.0000' / in.	CHECKED - BMB	REVISED -
PLOT DATE = 2/27/2023	DATE - 10/26/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COUNTY HIGHWAY 36 (BATESTOWN ROAD)
 PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET 2 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-RS	VERMILION	20	10
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
		ILLINOIS	FED. AID PROJECT	

PAVEMENT PATCHING SCHEDULE

STATION TO STATION	SIDE	44200934		44200942	44200944	44201297	44213208
		CLASS B PATCHES, 8 INCH			DOWEL	TIE BARS	
		TYPE II	TYPE III	TYPE IV	BARS 1"	1 1/4"	
SQ YD			EACH				
CH 8 (HOMER-CATLIN ROAD)							
11+00.00	11+20.00	NORTH			25.3	10	10
		SOUTH			25.3	10	10
13+55.04	13+67.04	NORTH		24.0		16	16
13+55.04	13+91.04	SOUTH			72.0	16	16
15+02.58	15+14.59	NORTH		24.0		16	16
		SOUTH		24.0		16	16
16+04.76	16+28.76	NORTH			48.5	16	16
17+30.18	17+46.18	SOUTH			32.0	16	16
19+03.73	19+13.73	NORTH		20.0		16	16
		SOUTH		20.0		16	16
22+02.56	22+14.56	NORTH		24.0		16	16
		SOUTH		24.0		16	16
25+44.25	25+54.25	NORTH		20.0		16	16
26+99.98	27+17.98	NORTH			36.0	16	16
		SOUTH			36.0	16	16
28+02.42	28+16.42	NORTH			28.0	16	16
		SOUTH			28.0	16	16
28+90.60	28+98.60	NORTH (1/2)	10.8			8	8
		NORTH (1/2)	10.8			7	7
29+07.32	29+23.32	NORTH		32.0		16	16
		SOUTH		32.0		16	16
30+07.08	30+15.08	NORTH		16.0		16	16
		SOUTH		16.0		16	16
31+06.25	31+18.25	NORTH		24.0		16	16
		SOUTH		24.0		16	16
CH 36 (BATESTOWN ROAD)							
0+60.00	55+70.00	EB/WB	38.9	787.3	871.7	803	803
BRIDGE OMISSION - STA 55+70 TO 59+10							
59+10.00	105+90.00	EB/WB	33.1	668.7	740.3	682	682
TOTAL			93.6	1780.0	1943.1	1856	1856
USE			94	1780	1944	1856	1856

Note : Patching locations will be determined in the field by the Engineer.

PAVEMENT MARKING SCHEDULE

STATION TO STATION	SIDE	DESCRIPTION	78001100	78001110		78001150	78300202		
			PAINT PAVEMENT MARKING					PAVEMENT MARKING REMOVAL - WATER BLASTING	
			LETTERS AND SYMBOLS	4"		12"			
				WHITE TURN ARROW	SOLID WHITE	YELLOW SKIP-DASH	SOLID YELLOW		
SQ FT	FOOT					SQ FT			
CH 8 (HOMER-CATLIN ROAD)									
11+00	13+40	LT/RT	HATCHED MEDIAN			938.4	111.3	424.1	
13+40	15+38	LT/RT	TURN LANE		100.0	396.0		165.3	
14+41		CL	ARROW	15.6				15.6	
14+64		CL	ARROW	15.6				15.6	
15+84	16+28	LT/RT	TURN LANE		40.0	88.0		42.7	
17+36	19+18	LT/RT	TURN LANE		100.0	364.0		154.7	
18+15		CL	ARROW	15.6				15.6	
18+37		CL	ARROW	15.6				15.6	
19+90	28+45	LT/RT	TURN LANE		440.0	1710.0		716.7	
20+39		CL	ARROW	15.6				15.6	
20+61		CL	ARROW	15.6				15.6	
22+83		CL	ARROW	15.6				15.6	
23+06		CL	ARROW	15.6				15.6	
25+28		CL	ARROW	15.6				15.6	
25+51		CL	ARROW	15.6				15.6	
27+73		CL	ARROW	15.6				15.6	
27+95		CL	ARROW	15.6				15.6	
28+90	31+83	LT/RT	TURN LANE		160.0	586.0		248.7	
29+29		CL	ARROW	15.6				15.6	
29+52		CL	ARROW	15.6				15.6	
CH 36 (BATESTOWN ROAD)									
0+60	15+40	CL	EB NPZ			1480.0		493.3	
0+60	18+00	CL	WB NPZ			1740.0		580.0	
0+60	55+70	LT	EDGE LINE	5510.0				1836.7	
0+60	55+70	RT	EDGE LINE	5510.0				1836.7	
15+40	55+70	CL	SKIP-DASH		2020.0			673.3	
BRIDGE OMISSION - STA 55+70 TO 59+10									
59+10	119+30	CL	SKIP-DASH		3020.0			1006.7	
59+10	119+30	LT	EDGE LINE	6020.0				2006.7	
59+10	119+30	RT	EDGE LINE	6020.0				2006.7	
73+20	77+50	CL	WB NPZ			430.0		143.3	
100+30	105+90	CL	EB NPZ			560.0		186.7	
TOTAL				218.4	23060.0	5880.0	8292.4	111.3	12740.5
USE				219	37233	112	12741		

STATE OF ILLINOIS
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CH 8 & CH 36
SCHEDULES OF QUANTITIES

SCALE: N/A SHEET 1 OF 3 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-R5	VERMILION	20	11
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
ILLINOIS		FED. AID PROJECT		

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PLOT SCALE = 2,0000' / in.	CHECKED - BMB	REVISED -
PLOT DATE = 3/3/2023	DATE - 02/2023	REVISED -

2023 JOB# 4986

ADJUSTMENT SCHEDULE

STATION	OFFSET	6025500	60260100	60266600	60500060
		MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	REMOVING INLETS
EACH					
CH 8 (HOMER-CATLIN ROAD)					
20+11	19' LT		1		
20+11	19' RT		1		
23+91	11' RT			1	
24+11	19' LT		1		
28+16	19' LT		1		
28+16	19' RT		1		
29+10	12' RT	1			
CH 36 (BATESTOWN ROAD)					
62+77	12' RT				1
63+70	22' RT		1		
64+05	14' RT	1			
64+64	18' RT		1		
TOTAL		2	7	1	1
USE		2	7	1	1

GUTTER SCHEDULE

STATION TO STATION	SIDE	60602500	X6062700	44000400	60600095
		CONCRETE GUTTER, TYPE A	CONCRETE GUTTER, TYPE A (SPECIAL)	GUTTER REMOVAL	CLASS SI CONCRETE (OUTLET)
FOOT				CU YD	
CH 36 (BATESTOWN ROAD)					
58+69.36	62+78.07	RT	405.1		405.1
62+78.07	63+16.41	RT			3.30
63+16.41	63+87.14	RT			8.64
63+87.14	64+07.12	RT		19.9	
64+07.12	64+77.01	RT			8.39
64+77.01	65+16.22	RT		39.2	
65+16.22	65+56.22	RT			5.37
65+56.22	65+62.67	RT		6.5	
TOTAL			405.1	65.6	405.1
USE			406	66	25.7

EROSION CONTROL SCHEDULE

STATION	OFFSET	28000400	28000500
		INLET AND PIPE PROTECTION	INLET FILTERS
EACH			
63+15	13' RT	1	1
63+15	25' RT	1	
63+70	22' RT	1	1
64+05	14' RT	1	1
64+64	18' RT	1	1
65+62	17' RT	1	1
TOTAL		6	5
USE		6	5

CURB AND GUTTER SCHEDULE

SIDEROAD	QUADRANT	60604400	44000500
		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	COMBINATION CURB AND GUTTER REMOVAL
FOOT			
CH 8 (HOMER-CATLIN ROAD)			
MAPLELEAF DRIVE	NW	44.7	44.7
MAPLELEAF DRIVE	NE	44.7	44.7
VIEW POINT DRIVE	NW	44.7	44.7
VIEW POINT DRIVE	NE	44.7	44.7
WESTWOOD DRIVE	NE	28.2	28.2
TOTAL		207.0	207.0
USE		207	207

PAVEMENT SCHEDULE

STATION TO STATION	44000155	40604050	40600290	40600990	Z0037200
	HOT-MIX ASPHALT SURFACE REMOVAL, 1½"	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	PAVEMENT GRINDING
SQ YD		TON	POUND	SQ YD	
CH 8 (HOMER-CATLIN ROAD)					
11+00.00	15+60.00	1684.4	141.5	763.5	12.3
15+60.00	16+79.00	475.9	40.0	214.1	
16+79.00	19+55.00	1103.8	92.7	496.7	
19+55.00	28+70.00	3660.0	307.4	1647.0	
28+70.00	31+83.00	1252.1	105.2	572.4	20.0
CH 36 (BATESTOWN ROAD)					
0+60.00	55+70.00				13468.9
BRIDGE OMISSION - STA 55+70 TO 59+10					
59+10.00	119+30.00				14715.6
TOTAL		8176.2	686.8	3693.7	32.3
USE		8177	687	3694	28185

DITCH SCHEDULE

STATION TO STATION	SIDE	21400100	28000400
		GRADING AND SHAPING DITCHES	PERIMETER EROSION BARRIER
FOOT			
CH 36 (BATESTOWN ROAD)			
62+65	63+15	RT	50.0
TOTAL			50.0
USE			50

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 CHECKED - BMB
 DATE - 02/2023

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N/A
 SHEET 2 OF 3 SHEETS

CH 8 & CH 36
SCHEDULES OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-R5	VERMILION	20	12
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
		ILLINOIS FED. AID PROJECT		

SIDEROAD SCHEDULE

SIDEROAD	SIDE	X4400100	X4401198	40800050	40600290	40600990
		PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	INCIDENTAL HOT-MIX ASPHALT SURFACING	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP
		SQ YD	TON	POUND	SQ YD	
CH 8 (HOMER-CATLIN ROAD)						
MAPLELEAF DRIVE	LT	137.3	88.1	37.9	111.8	22.9
VIEWPOINT DRIVE	LT	129.6		21.8	64.9	14.6
WESTWOOD DRIVE	LT		122.9	20.7	61.4	13.5
TOTAL		266.9	211.0	80.4	238.1	51.0
USE		267	212	81	239	51

PIPE CULVERT SCHEDULE

STATION TO STATION	SIDE	60100955	X5430248	60403400
		PIPE DRAINS 15"	CURED-IN-PLACE PIPE LINER, 48"	GRATES, TYPE A
		FOOT		EACH
CH 36 (BATESTOWN ROAD)				
61+05.74	61+47.42	LT/RT	194.0	
	63+15.19	RT	12.0	1
TOTAL			12.0	194.0
USE			12	194

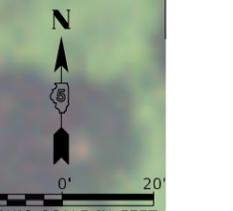
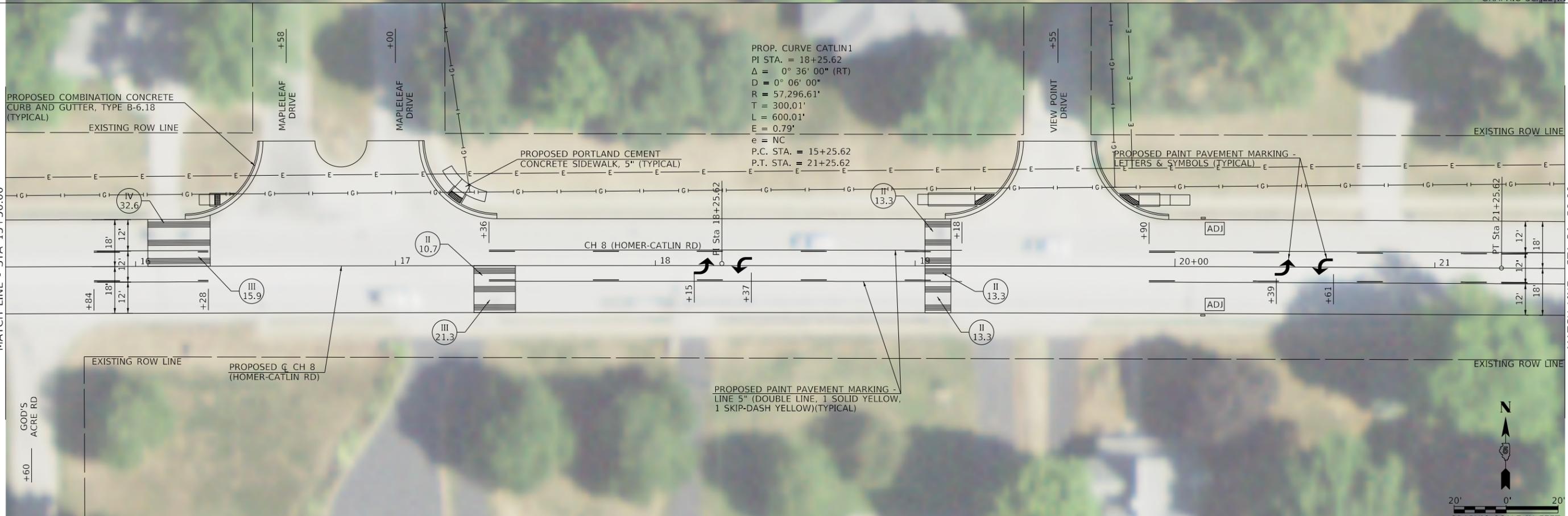
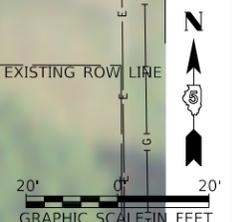
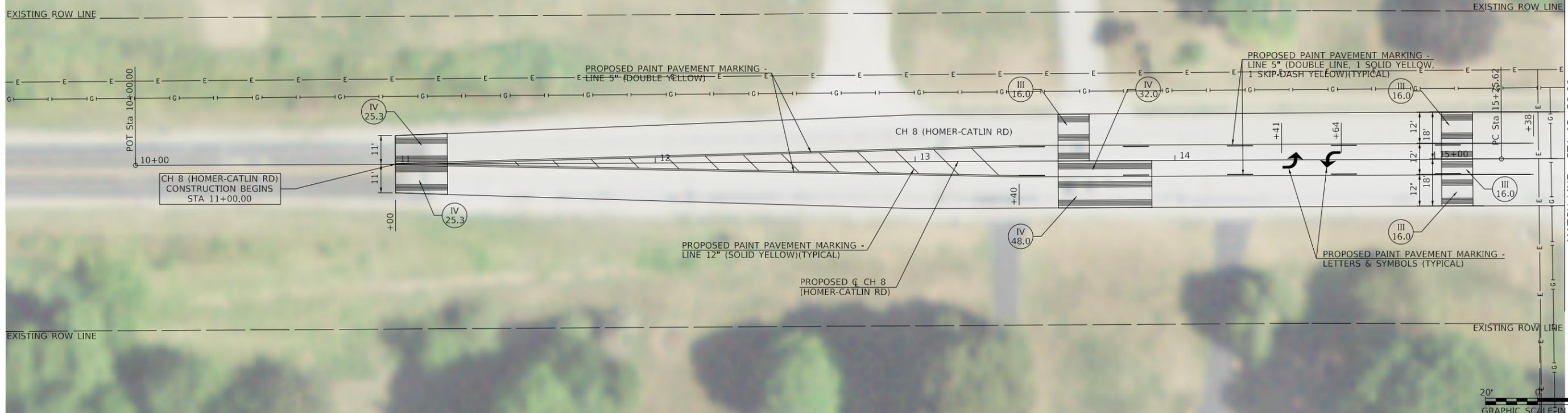
SIDEWALK SCHEDULE

SIDEROAD	QUADRANT	42400200	42400800	44000600
		PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	DETECTABLE WARNINGS	SIDEWALK REMOVAL
		SQ FT		
CH 8 (HOMER-CATLIN ROAD)				
MAPLELEAF DRIVE	NW	50.9	8.0	50.9
MAPLELEAF DRIVE	NE	100.9	10.8	126.2
VIEW POINT DRIVE	NW	130.7	13.4	130.7
VIEW POINT DRIVE	NE	111.1	13.4	111.1
WESTWOOD DRIVE	NW	84.6	8.0	84.6
WESTWOOD DRIVE	NE	63.9	29.6	63.9
TOTAL		542.1	83.2	567.4
USE		543	84	568

SHORT TERM PAVEMENT MARKING SCHEDULE

STATION TO STATION		70300100	70300150
		SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
		FOOT	SQ FT
CH 8 (HOMER-CATLIN ROAD)			
11+00	15+60	92.0	30.7
15+60	16+79	23.8	7.9
16+79	19+55	55.2	18.4
19+55	28+70	183.0	61.0
28+70	31+83	62.6	20.9
CH 36 (BATESTOWN ROAD)			
00+60	55+70	551.0	183.7
BRIDGE OMISSION - STA 55+70 TO 59+10			
59+10	119+30	602.0	200.7
TOTAL		1569.6	523.3
USE		1570	524

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 2023



PROP. CURVE CATLIN1
 PI STA. = 18+25.62
 $\Delta = 0^\circ 36' 00''$ (RT)
 $D = 0^\circ 06' 00''$
 $R = 57,296.61'$
 $T = 300.01'$
 $L = 600.01'$
 $E = 0.79'$
 $e = NC$
 P.C. STA. = 15+25.62
 P.T. STA. = 21+25.62

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 2023

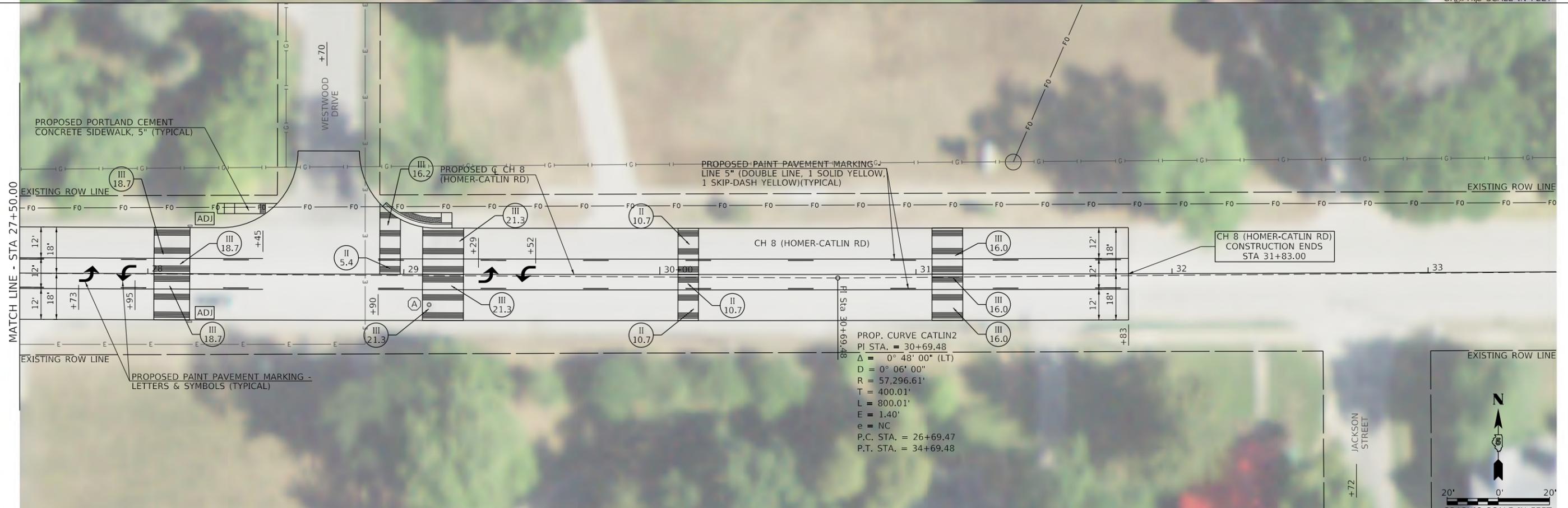
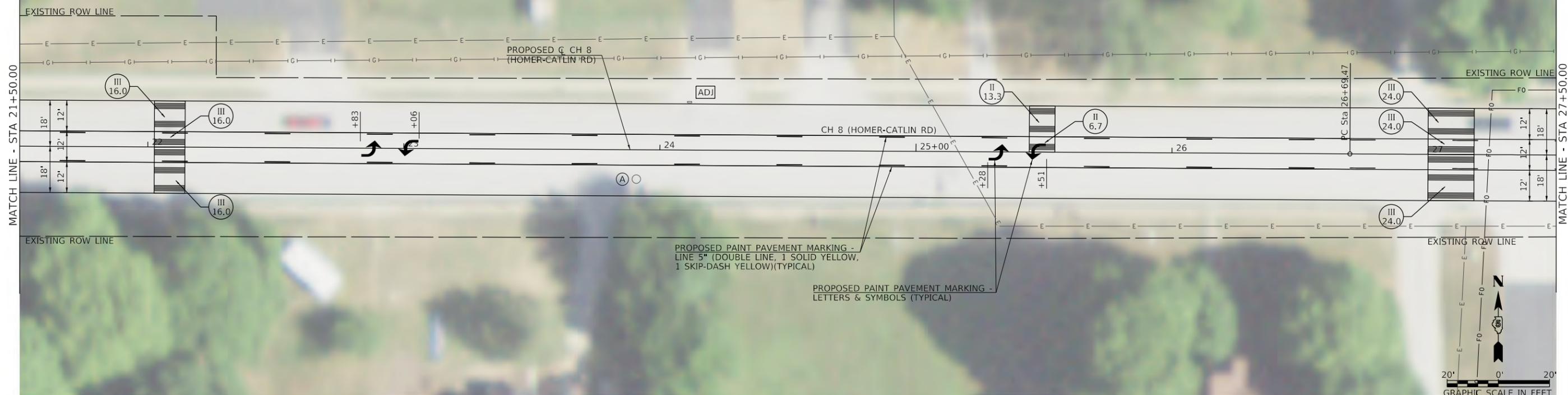
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PLOT SCALE = 40.0000' / in.	DRAWN - JCW	REVISED -
PLOT DATE = 3/3/2023	CHECKED - CMB	REVISED -
	DATE - 02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 8 (HOMER-CATLIN ROAD)
DOUBLE ROADWAY PLAN
 SCALE: 1"=20'-0" SHEET 1 OF 3 SHEETS STA. 11+00.00 TO STA. 21+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-RS	VERMILION	20	14
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 916224		
ILLINOIS		FED. AID PROJECT		



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USER NAME =	CBurke	DESIGNED -	BMB	REVISED -	
PLOT SCALE =	40,0000' / In.	DRAWN -	JCW	REVISED -	
PLOT DATE =	2/27/2023	CHECKED -	CMB	REVISED -	
		DATE -	02/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 8 (HOMER-CATLIN ROAD)
DOUBLE ROADWAY PLAN

SCALE: 1"=20'-0" SHEET 2 OF 3 SHEETS STA. 21+50.00 TO STA. 31+83.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-R5	VERMILION	20	15
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
ILLINOIS		FED. AID PROJECT		



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 CARBONDALE • MOLINE
 Illinois Professional Design Firm No. 184-000825

USER NAME = CBurke	DESIGNED - BMB	REVISED -
PLOT SCALE = 40,0000' / In.	DRAWN - JCW	REVISED -
PLOT DATE = 2/27/2023	CHECKED - CMB	REVISED -
	DATE - 02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COUNTY HIGHWAY 36 (BATESTOWN ROAD)
DOUBLE ROADWAY PLAN

SCALE: 1"=20'-0" SHEET 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	22-00219-00-R5	VERMILION	20	16
*F.A.S. 512 & F.A.U. 7005		CONTRACT NO. 91624		
		ILLINOIS	FED. AID PROJECT	

