

SI	SP	CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		WOODRIDGE COST PARTICIPATION 100% LOCAL
						75% FED., 25% LOCAL		
						0021 ROADWAY	0042 TRAINEES	
*		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	133	133		
*		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	20	20		
		20101000	TEMPORARY FENCE	FOOT	200	200		
*		20101100	TREE TRUNK PROTECTION	EACH	24	24		
*		20101200	TREE ROOT PRUNING	EACH	24	24		
*		20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	24	24		
*		25200200	SUPPLEMENTAL WATERING	UNIT	10	10		
	SP	20200100	EARTH EXCAVATION	CUYD	419	419		
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CUYD	21	21		
		20400800	FURNISHED EXCAVATION	CUYD	959	959		
	SP	20800150	TRENCH BACKFILL	CUYD	3	3		
		20900110	POROUS GRANULAR BACKFILL	CUYD	667	667		
	SP	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CUYD	2,036	2,036		
	SP	28000305	TEMPORARY DITCH CHECKS	FOOT	84	84		
	SP	28001100	TEMPORARY EROSION CONTROL BLANKET	SQYD	4,062	4,002		60
*		25200100	SODDING	SQ YD	4,319	4,149		170
*		25200110	SODDING, SALT TOLERANT	SQ YD	1,041	953		88
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUNDS	84	83		1



SI SPECIALTY ITEMS

FILE NAME *	USER NAME *	DESIGNED -	REVISED 4/15/2022
		DRAWN -	REVISED -
PLOT SCALE *		CHECKED -	REVISED -
PLOT DATE * JANUARY 14, 2022		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOBSON ROAD /63RD STREET
SUMMARY OF QUANTITIES

SCALE:	SHEET	OF 118 SHEETS	STA.	TO STA.	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					2/38	16-00146-00-SW	DuPAGE	142	4
					ILLINOIS FED. AID PROJECT				
					CONTRACT NO. 61G89				

SI	SP	CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		WOODRIDGE COST PARTICIPATION 100% LOCAL
						75% FED., 25% LOCAL		
						0021 ROADWAY	0042 TRAINEES	
		44000600	SIDEWALK REMOVAL	SQFT	277	277		
		44003100	MEDIAN REMOVAL	SQFT	130	130		
		48101498	AGGREGATE SHOULDERS, TYPE B, 4"	SQYD	100	31		60
	SP	52200800	SEGMENTAL CONCRETE BLOCK WALL	SQFT	1,486	2,816	1,486	2,816
		54213655	PRECAST REINFORCED CONCRETE FLARED END SECTION 10"	EACH	1	1		
	SP	550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	87	87		
	SP	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	43	43		
	SP	60146304	PIPE UNDERDRAIN FOR STRUCTURES, 4"	FOOT	912	912		
	SP	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4		
	SP	60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5	5		
		60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1		
		60600605	CONCRETE CURB, TYPE B	FOOT	44	44		
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	717	717		
*	SP	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	38	38		
*		63100087	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	1	1		
*		63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1		
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5		

S1 SPECIALTY ITEMS

FILE NAME *

USER NAME *

DESIGNED -

REVISIONS

4/15/2022

DRAWN -

CHECKED -

REVISIONS

PLOT SCALE *

DATE

REVISIONS

JANUARY 14, 2022

DATE

REVISIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOBSON ROAD /63RD STREET
SUMMARY OF QUANTITIES

CH

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

2/38

16-00146-00-SW

DUPAGE

142

6

CONTRACT NO. 61G89

SCALE:

SHEET

OF 118 SHEETS


STA.

TO STA.

[ILLINOIS] FED. AID PROJECT

SI	SP	CODE	PAY ITEM	UNIT	TOTAL QUANTITY	STP FUNDS		WOODRIDGE COST PARTICIPATION
						75% FED., 25% LOCAL		
						0021 ROADWAY	0042 TRAINEES	100% LOCAL
*	SP	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4	4		
*	SP	X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	753	753		
*	SP	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12	12		
*	SP	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16	16		
*	SP	XX003338	TEST HOLE	EACH	4	4		
*	SP	XX007622	ELECTRIC METER	EACH	3	3		
		XX009530	CONCRETE COPING	FOOT	461	461	872	872
	SP	Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SOYD	36	36		
	SP	Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	8	8		
	SP	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	3	3		
	SP	Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1		
	SP	Z0030850	TEMPORARY INFORMATION SIGNING	SOFT	21	21		
*	SP	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	2	2		
*	SP	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	2		
	SP	Z0076600	TRAINEES	HOUR	500		500	

SI SPECIALTY ITEM

FILE NAME *	USER NAME *	DESIGNED -	REvised - 4/15/2022 
		DRAWN -	REvised -
PLOT SCALE *		CHECKED -	REvised -
PLOT DATE = JANUARY 14, 2022		DATE -	REvised -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOBSON ROAD /63RD STREET
SUMMARY OF QUANTITIES

SCALE:	SHEET	OF 118 SHEETS	STA.	TO STA.	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					2/38	16-00146-00-SW	DUPAGE	142	10
								CONTRACT NO. 61G89	
[ILLINOIS] FED. AID PROJECT									

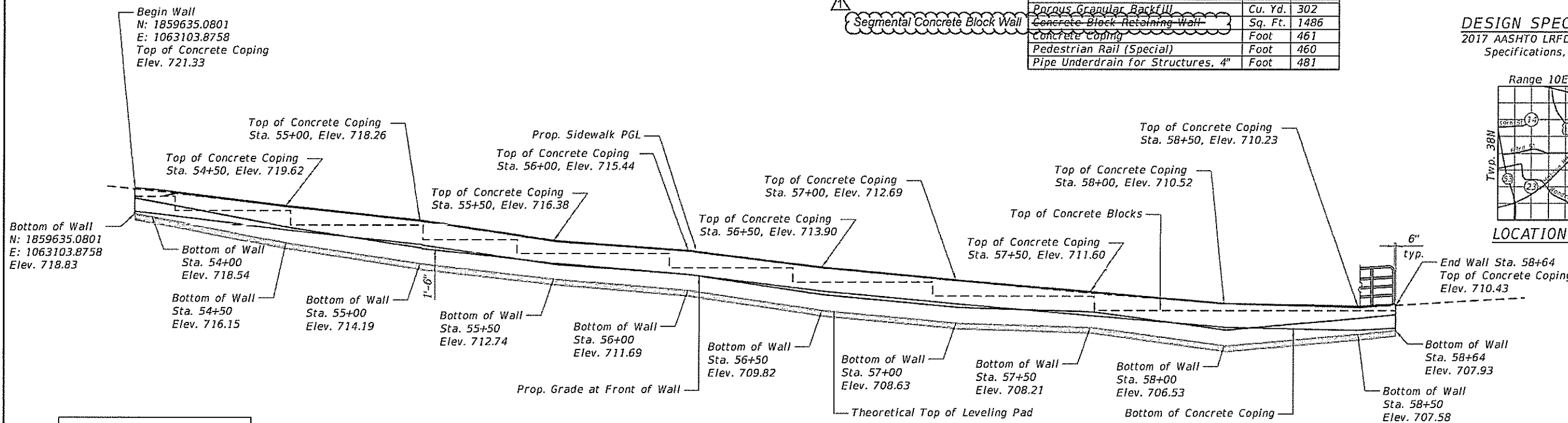
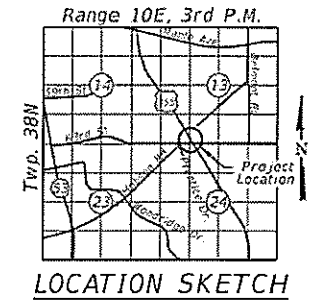
DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi (Concrete Coping)
 $f_y = 60,000$ psi (Reinforcement)

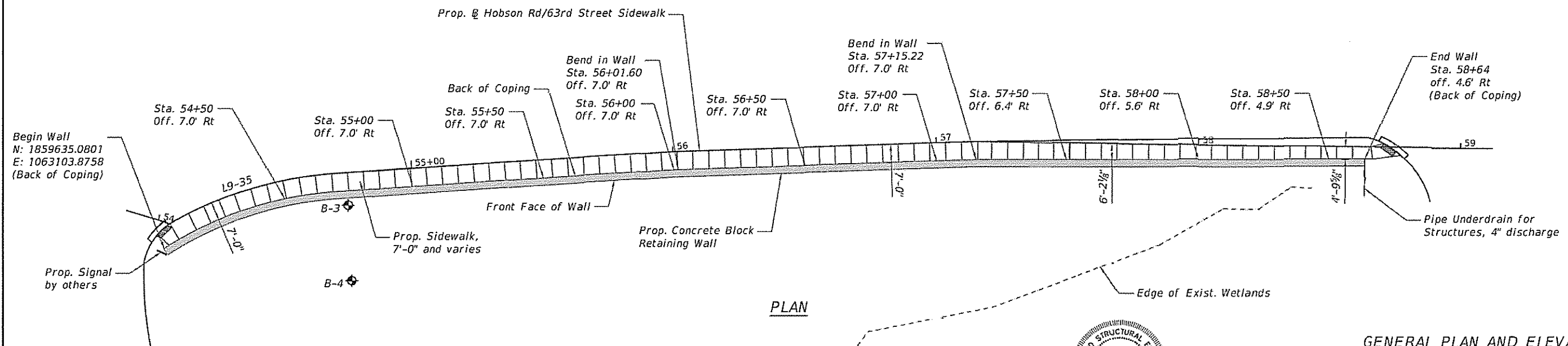
DESIGN SPECIFICATIONS
2017 AASHTO LRFD Bridge Design
Specifications, 8th Edition

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Backfill	Cu. Yd.	302
Concrete Block Retaining Wall	Sq. Ft.	1486
Concrete Coping	Foot	461
Pedestrian Rail (Special)	Foot	460
Pipe Underdrain for Structures, 4"	Foot	481



ELEVATION



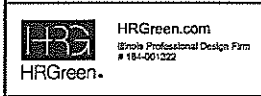
PLAN



Steven L. Schwaner
Structural Engineer
HR Green, Inc.
Expires: 11/30/2022

GENERAL PLAN AND ELEVATION
RETAINING WALL B
HOBSON ROAD / 63RD STREET
F.A.U. RTE 1518 - SEC. 16-00146-00-SW
DUPAGE COUNTY
STATION 54+00 TO 58+64

HRG PROJECT NO. 190856.07
HRG PROJ. CONTACT
FILE NAME: 190856.07.S1-RETAINING WALL B.dwg
PLOT DATE: 3/17/2022
PLOT SCALE: 1/8" = 1'-0"



USER NAME = vhoood	DESIGNED - SLS	REVISED - 04/15/2022
PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 3/17/2022	CHECKED - AEU	REVISED -
	DATE - 5/1/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOBSON ROAD / 63RD STREET SIDEWALK
GENERAL PLAN AND ELEVATION
RETAINING WALL B
SHEET NO. 5-02 OF 5-06 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1518	16-00146-00-SW	DUPAGE	142	91
				CONTRACT NO. 61689
[ILLINOIS] FED. AID PROJECT W-400317501				