

MODEL: SQQ-1 [Sheet]
FILE NAME: H:\McHenry\County\W23301.00 West Solon Phase [ICADD\ICADD ORD 23-0201_Roadway\03_Shael\03_Summary of Quantities\W23301-sh1-SQQ.dgn

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					FEDERAL STATE	FEDERAL STATE	FEDERAL STATE	FEDERAL STATE
					ROADWAY	BRIDGE	RETAINING WALL	TRAINEES
					0004	0010	0044	0042
					URBAN	SN 056-9142	URBAN	URBAN
	20101000	TEMPORARY FENCE	FOOT	860	860			
X	20101200	TREE ROOT PRUNING	EACH	6	6			
X	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	6	6			
	20200100	EARTH EXCAVATION	CU YD	1,270	1,270			
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,165	6,165			
	20300100	CHANNEL EXCAVATION	CU YD	785		785		
	20400800	FURNISHED EXCAVATION	CU YD	2,320	2,320			
	20800150	TRENCH BACKFILL	CU YD	44	44			
	20900110	POROUS GRANULAR BACKFILL	CU YD	43.5			43.5	
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	7,635	7,635			
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3,985	3985			
X	25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75			
X	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	68			
X	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	68			
X	25100125	MULCH, METHOD 3	ACRE	13.50	13.50			
X	25100645	WILDLIFE FRIENDLY EROSION CONTROL BLANKET	SQ YD	7,561	7,561			
X	25200200	SUPPLEMENTAL WATERING	UNIT	294.0	294.0			
X	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	450	450			
	28000305	TEMPORARY DITCH CHECKS	FOOT	1,535	1,535			
	28000400	PERIMETER EROSION BARRIER	FOOT	1,109	1,109			
	28000500	INLET AND PIPE PROTECTION	EACH	3	3			
	28000510	INLET FILTERS	EACH	3	3			



USER NAME = mrlange	DESIGNED -	REVISED - 4/10/2026
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PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED -
PLOT DATE = 4/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MCHENRY	136	4
CONTRACT NO. 61L86				
ILLINOIS FED. AID PROJECT				

MODEL: SQ02 [Sheet]
FILE NAME: H:\McHenry\County\W23301.00 West Solon Phase I\ICADD\ICADD ORD 23-0201_Roadway\03_Sheet\03_Summary of Quantities\W23301-sh1-SQ0.dgn

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					FEDERAL STATE	FEDERAL STATE	FEDERAL STATE	FEDERAL STATE
					ROADWAY	BRIDGE	RETAINING WALL	TRAINEES
					0004	0010	0044	0042
					URBAN	SN 056-9142	URBAN	URBAN
	28100205	STONE RIPRAP, CLASS A3	TON	12	12			
	28200200	FILTER FABRIC	SQ YD	924	924			
	28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	775	775			
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	229	229			
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	3,008	3,008			
	35101500	AGGREGATE BASE COURSE, TYPE B	CU YD	33	33			
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	240	240			
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,735	6,735			
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,265	1,265			
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	768	768			
	40701851	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8 1/2"	SQ YD	1,821	1,821			
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	49	49			
	42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	72	72			
	44000100	PAVEMENT REMOVAL	SQ YD	2,046	2,046			
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	262	262			
	48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	180	180			
	48203031	HOT-MIX ASPHALT SHOULDERS, 8 1/2"	SQ YD	924	924			
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1		
	50105220	PIPE CULVERT REMOVAL	FOOT	195	195			
	50200100	STRUCTURE EXCAVATION	CU YD	70.0		70.0		
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	95.0		95.0		
	50300225	CONCRETE STRUCTURES	CU YD	98.0		74.0	24.0	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MC HENRY	136	5
CONTRACT NO. 61L86				
ILLINOIS FED. AID PROJECT				

MODEL: SQ0-5 (Sheet)
FILE NAME: H:\McHenry\County\W23301.00 West Solon Phase I\ICADD\ICADD ORD 23-0201_Roadway\03_Sheet\03_Summary of Quantities\W23301-sh1-SQ0.dgn

					CONSTRUCTION CODE			
SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FEDERAL STATE	FEDERAL STATE	FEDERAL STATE	FEDERAL STATE
					ROADWAY	BRIDGE	RETAINING WALL	TRAINEES
					0004	0010	0044	0042
					URBAN	SN 056-9142	URBAN	URBAN
X	K1004572	PRAIRIE SEEDING (SPECIAL)	ACRE	0.50	0.50			
X	K1005418	TEMPORARY SEEDING	ACRE	9.00	9.00			
X	K1005421	SEEDING (SPECIAL)	ACRE	0.25	0.25			
X	K1005428	SEEDING, SEDGE MEADOW MIX	ACRE	0.25	0.25			
	X0320096	CONSTRUCTION VIBRATION MONITORING	EACH	2			2	
	X0322278	RODENT SHIELDS	EACH	6	6			
	X0326806	WASHOUT BASIN	L SUM	1	1			
	X0327301	RELOCATE EXISTING MAILBOX	EACH	4	4			
	X1800002	RIVER ROCK	TON	83.0	83			
X	X2010404	STUMP REMOVAL	EACH	13	13			
	X2130010	EXPLORATION TRENCH (SPECIAL)	FOOT	100	100			
	X2800400	PERIMETER EROSION BARRIER (SPECIAL)	FOOT	1,487			1,487	
	X2810206	STONE RIPRAP, CLASS A3 (SPECIAL)	TON	103	103			
	X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	3	3			
	X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1			
	X4060280	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	240	240			
	X5021507	DEWATERING	L SUM	1	1			
	X5021510	COFFERDAMS (SPECIAL)	EACH	2		2		
	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	630	67	563		
	X5080530	BAR TERMINATORS	EACH	410		410		
X	X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	38	38			
	X6640104	FENCE REMOVAL	FOOT	34	34			



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MCHENRY	136	8
CONTRACT NO. 61L86				
ILLINOIS FED. AID PROJECT				

MODEL: SOQ-6 [Sheet]
FILE NAME: H:\McHenryCounty\W23301.00 West Solon Phase I\ICADD\CADD ORD 23-0201_Roadway\03_Sheet\03_Summary of Quantities\W23301-sht-SOQ.dgn

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
					FEDERAL STATE	FEDERAL STATE	FEDERAL STATE	FEDERAL STATE
					ROADWAY	BRIDGE	RETAINING WALL	TRAINEES
					0004	0010	0044	0042
					URBAN	SN 056-9142	URBAN	URBAN
	X6700405	ENGINEER'S FIELD OFFICE, TYPE A (MODIFIED)	CAL MO	13	13			
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	55	55			
X	X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	14	14			
	X7300107	REMOVE AND REINSTALL WOOD SIGN POST	EACH	1	1			
X	X8900104	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1			
X	XX006570	TREES (SPECIAL)	EACH	1	1			
X	XX006622	EMERGENT / SHORELINE SEED MIX	ACRE	0.25	0.25			
X	XX006660	WETLAND PLANTS	EACH	4,200	4,200			
	XX007061	OUTFALL STRUCTURE	EACH	1	1			
X	XX007646	SEEDING, MESIC TO WET NATIVE GRASSES	ACRE	0.25	0.25			
	XX009434	BIOSWALE	SQ YD	78	78			
	XX009719	MATERIAL FOR STREAMBED ESTABLISHMENT, 24"	SQ YD	431	431			
X	Z0007124	STEEL RAILING (SPECIAL)	FOOT	401		220	181	
	Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	246	246			
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1			
	Z0015500	DEBRIS REMOVAL	L SUM	1	1			
	Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	561	69	492		
	Z0054400	ROCK FILL	CU YD	1,530	1530			
	Z0076600	TRAINEES	HOUR	500				500
	Z0076604	TRAINEES TRAINING GRADUATE PROGRAM	HOUR	500				500



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MCHENRY	136	9
CONTRACT NO. 61L86				
ILLINOIS FED. AID PROJECT				

MODEL: Creek Earthwork Schedule [Sheet]
FILE NAME: H:\McHenry\County\W23301.00 West Solon Phase I\ICADD\CADD ORD 23-0201_Roadway\03_Sheet\05_Schedule of Quantities\W23301-shh-scheduleEarthwork.dgn

EARTHWORK SCHEDULE NORTH BRANCH (WB) NIPPERSINK CREEK																
STATION	LENGTH	END AREAS							20300100		20400800	20054400	20201200	21101505		
		CHANNEL EXCAVATION	FILL	ROCK FILL (SEE TYPICAL SECTIONS TABLE 1 FOR LOCATIONS)	UNDERCUT (SEE TYPICAL SECTIONS TABLE 1 FOR LOCATIONS)	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	MATERIAL FOR STREAMBANK ESTABLISHMENT	CHANNEL EXCAVATION	EMBANKMENT (D1)	FURNISHED EXCAVATION [BALANCE WASTE (+) SHORTAGE (-)]	ROCK FILL (D1)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (UNDERCUT)	TOPSOIL EXCAVATION & PLACEMENT	TOPSOIL TO BE PLACED	TOPSOIL BALANCE WASTE (+) SHORTAGE (-)
(XX+XX)	(FT)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
800+00.00		0.0	0.0	0.0	0.0	0.0	0.0	0.0								
	23								43.6	0.0	0.0	0.0	0.0	10.6	6.2	4.4
800+22.97		102.4	0.0	0.0	0.0	24.8	14.5	0.0								
	20								126.3	11.8	-11.8	0.0	2.8	28.8	5.4	23.4
800+42.51		238.7	31.8	0.0	7.5	53.0	0.0	94.4								
	22								188.3	40.6	-40.6	5.6	36.3	51.9	0.0	51.9
800+65.00		223.4	81.7	13.7	81.7	74.5	0.0	75.0								
	15								137.7	37.8	-37.8	7.6	45.4	20.7	0.0	20.7
800+80.00		272.4	81.7	13.7	81.7	0.0	0.0	75.0								
	15								135.6	37.8	-37.8	7.6	45.4	18.8	0.0	18.8
800+95.00		215.6	81.7	13.7	81.7	67.8	0.0	75.0								
	16								110.2	37.0	-37.0	4.1	41.1	39.8	0.0	39.8
801+11.11		156.2	57.0	0.0	57.0	66.4	0.0	77.8								
	12								38.4	12.8	-12.8	0.0	12.7	27.8	3.0	24.8
801+23.04		16.5	0.8	0.0	0.0	58.7	13.4	0.0								
	7								2.1	0.1	-0.1	0.0	0.0	7.6	1.7	5.9
801+30.00		0.0	0.0	0.0	0.0	0.0	0.0	0.0								
									0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL									782.2	177.9	-177.9	24.9	183.7	206.0	16.3	189.7
ADJUSTED									785	180	180	25	185	210	20	190

EARTHWORK NOTES:

1. EARTH EXCAVATION, STOCKPILE (IF REQUIRED) AND SUBSEQUENT PLACEMENT (WHEN APPLICABLE) SHALL ONLY BE MEASURED AND PAID FOR ONCE, NOT EACH TRANSPORT. ALL STOCKPILES TO BE APPROVED OF BY ENGINEER. THE STOCKPILING INFORMATION IS TO BE INCLUDED IN THE CONTRACT DOCUMENTS.
2. EXISTING TOPSOIL EXCAVATION SHALL BE MEASURED IN PLACE AND PAID PER CUBIC YARD AS "TOPSOIL EXCAVATION AND PLACEMENT". EXISTING TOPSOIL IS ASSUMED TO BE SUITABLE FOR PROPOSED TOPSOIL. AN ESTIMATED EXISTING TOPSOIL DEPTH OF 9" WEST OF THE CREEK AND 24" EAST OF THE CREEK WAS DETERMINED DURING THE SUBSURFACE INVESTIGATION AND USED FOR EXCAVATION VOLUME CALCULATIONS. THE ACTUAL REMOVAL DEPTH AND THE QUANTITY OF TOPSOIL REMOVAL SHOULD BE VERIFIED IN THE FIELD.
3. TOPSOIL STRIPPED IN EXCESS OF THAT REQUIRED FOR THE CONTRACT, SHALL BE REMOVED PER ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND WILL BE INCLUDED IN THE COST OF THE INITIAL "TOPSOIL EXCAVATION AND PLACEMENT".
4. THE SHRINKAGE FACTOR SHALL BE 25%
5. FOR REMOVAL AND REPLACEMENT OF UNSTABLE OR UNSUITABLE MATERIAL AND SUBGRADE STABILITY DETAILS AND NOTES SEE TYPICAL SECTIONS.

LINE	EARTHWORK SUMMARY	MAINLINE W SOLON ROAD	NIPPERSINK CREEK
		(CU YD)	(CU YD)
1	PROPOSED TOPSOIL (6" WEST OF CREEK AND 12" EAST OF CREEK)	1355.0	20.0
2	TOPSOIL EXCAVATION AND PLACEMENT	3775.0	210.0
3	TOTAL TOPSOIL EXCAVATION AND PLACEMENT (TOTAL LINE 2)	3985.0	
4	POTENTIAL TOPSOIL SURPLUS (LINE 2 MINUS LINE 1)	2420.0	190.0
5	TOTAL POTENTIAL TOPSOIL SURPLUS	2610.0	
6	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL UNDERCUTS (PER GEOTECH REPORT)	3140.0	185.0
7	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL UNDERCUTS (ALLOWANCE TO BE DETERMINED IN THE FIELD)	229.0	0.0
8	TOTAL REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL UNDERCUTS (TOTAL LINE 6 AND 7)	3554.0	
9	TOTAL REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (ADJUSTED TOTAL OF LINES 5 AND 8)	6165.0	
10	AGGREGATE SUBGRADE IMPROVEMENT (CU YD) ALLOWANCE (TO BE DETERMINED IN THE FIELD)	229.0	
11	EARTH EXCAVATION	1270.0	0.0
12	TOTAL EARTH EXCAVATION (TOTAL LINE 11)	1270.0	
13	CHANNEL EXCAVATION	0.0	785.0
14	TOTAL CHANNEL EXCAVATION (TOTAL LINE 13)	785.0	
15	FURNISHED EXCAVATION REQUIRED	2140.0	180.0
16	TOTAL FURNISHED EXCAVATION REQUIRED (TOTAL LINE 15)	2320.0	
17	ROCK FILL	1505.0	25.0
18	TOTAL ROCK FILL (TOTAL LINE 17)	1530.0	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF EARTHWORK CREEK AND EARTHWORK SUMMARY
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MC HENRY	136	14
		CONTRACT NO. 61L86		
		ILLINOIS	FED. AID PROJECT	

MODEL: Rdwy_Schedule [Sheet]
FILE NAME: H:\McHenry County\W23301.00 West Solon Phase II\CADD\CADD ORD 23-0201_01_Roadway\03_Sheet\05_Schedule of Quantities\W23301-shlscheduleRdwy.dgn

SCHEDULE OF TEMPORARY FENCE 20101000			
START STATION	END STATION	LOCATION	QUANTITY (FOOT)
11+00.0	11+50.0	LT	19.0
11+50.0	12+00.0	LT	50.0
11+50.0	12+00.0	RT	31.0
12+00.0	12+50.0	LT	20.0
12+00.0	12+50.0	RT	148.0
12+50.0	13+00.0	RT	56.0
13+00.0	13+50.0	RT	60.0
13+50.0	14+00.0	RT	72.0
14+00.0	14+50.0	RT	51.0
14+50.0	15+00.0	LT	62.0
14+50.0	15+00.0	RT	39.0
15+00.0	15+40.0	LT	41.0
15+00.0	15+40.0	RT	42.0
STATION			
6+55.1		56.61' LT	19.0
6+88.9		59.62' RT	41.0
8+20.1		58.51' LT	62.0
9+48.5		65.27' LT	31.0
14+80.4		24.40' RT	8.0
14+82.3		22.62' RT	8.0
TOTAL:			860.0
ADJUSTED TOTAL:			860

SCHEDULE OF PERIMETER EROSION BARRIER (SPECIAL) X2800400			
START STATION	END STATION	LOCATION	QUANTITY FOOT
8+50.0	9+00.0	LT	68.0
8+50.0	9+00.0	RT	78.0
9+00.0	9+50.0	LT	34.0
9+00.0	9+50.0	RT	77.0
9+50.0	W CREEK LIMITS	RT	20.0
E CREEK LIMITS	10+50.0	LT	15.0
E CREEK LIMITS	10+50.0	RT	20.0
10+50.0	11+00.0	LT	78.0
10+50.0	11+00.0	RT	65.0
11+00.0	11+50.0	LT	51.0
11+00.0	11+50.0	RT	112.0
11+50.0	12+00.0	LT	50.0
11+50.0	12+00.0	RT	78.0
12+00.0	12+50.0	LT	73.0
12+00.0	12+50.0	RT	147.0
12+50.0	13+00.0	LT	50.0
12+50.0	13+00.0	RT	56.0
13+00.0	13+50.0	LT	50.0
13+00.0	13+50.0	RT	60.0
13+50.0	14+00.0	LT	50.0
13+50.0	14+00.0	RT	71.0
14+00.0	14+50.0	LT	50.0
14+00.0	14+50.0	RT	51.0
14+50.0	15+00.0	LT	73.0
14+50.0	15+00.0	RT	10.0
TOTAL:			1487.0
ADJUSTED TOTAL:			1487

SCHEDULE OF PERIMETER EROSION BARRIER 28000400			
START STATION	END STATION	LOCATION	QUANTITY (FOOT)
4+80.0	5+00.0	RT	20.0
5+00.0	5+50.0	LT	17.0
5+00.0	5+50.0	RT	71.0
5+50.0	6+00.0	LT	50.0
5+50.0	6+00.0	RT	50.0
6+00.0	6+50.0	LT	45.0
6+00.0	6+50.0	RT	50.0
6+50.0	7+00.0	LT	72.0
6+50.0	7+00.0	RT	23.0
7+00.0	7+50.0	LT	82.0
7+00.0	7+50.0	RT	45.0
7+50.0	8+00.0	LT	50.0
7+50.0	8+00.0	RT	50.0
8+00.0	8+50.0	LT	7.0
8+00.0	8+50.0	RT	77.0
MATERIAL STOCKPILE			400.0
TOTAL:			1109.0
ADJUSTED TOTAL:			1109

SCHEDULE OF INLET FILTERS 28000510		
STATION	LOCATION	QUANTITY (EACH)
7+68.1	29.00' RT	1
8+35.4	26.03' RT	1
9+05.8	28.21' RT	1
TOTAL:		3

SCHEDULE OF INLET AND PIPE PROTECTION 28000510		
STATION	LOCATION	QUANTITY (EACH)
7+68.1	29.00' RT	1
8+35.4	26.03' RT	1
9+05.8	28.21' RT	1
TOTAL:		3

SCHEDULE OF MOWING CYCLES K1003660			
			QUANTITY
LOCATION	2026 DURATION 6/1/26 TO 10/14/26	FREQUENCY	(EACH)
PROJECT LIMITS	20 WEEKS	1/ WEEK	20
LOCATION	2027 DURATION 3/15/27 TO 6/28/27		
PROJECT LIMITS	15 WEEKS	1/ WEEK	15
TOTAL:			35

SCHEDULE OF WILDLIFE FRIENDLY EROSION CONTROL BLANKET 25100645			
START STATION	END STATION	LOCATION	SQ YD
4+80.0	5+00.0	RT	24.8
5+00.0	5+50.0	LT	16.5
5+00.0	5+50.0	RT	101.6
5+50.0	6+00.0	LT	113.6
5+50.0	6+00.0	RT	204.3
6+00.0	6+50.0	LT	142.3
6+00.0	6+50.0	RT	198.7
6+50.0	7+00.0	LT	225.4
6+50.0	7+00.0	RT	198.8
7+00.0	7+50.0	LT	207.2
7+00.0	7+50.0	RT	199.0
7+50.0	8+00.0	LT	150.9
7+50.0	8+00.0	RT	199.1
8+00.0	8+50.0	LT	157.1
8+00.0	8+50.0	RT	213.2
8+50.0	9+00.0	LT	194.8
8+50.0	9+00.0	RT	199.2
9+00.0	9+50.0	LT	183.7
9+00.0	9+50.0	RT	214.2
9+50.0	W CREEK LIMITS	LT	115.9
9+50.0	W CREEK LIMITS	RT	123.0
E CREEK LIMITS	10+50.0	LT	81.7
E CREEK LIMITS	10+50.0	RT	60.3
10+50.0	11+00.0	LT	75.1
10+50.0	11+00.0	RT	236.7
11+00.0	11+50.0	LT	45.4
11+00.0	11+50.0	RT	552.8
11+50.0	12+00.0	LT	46.5
11+50.0	12+00.0	RT	1023.8
12+00.0	12+50.0	LT	47.4
12+00.0	12+50.0	RT	769.4
12+50.0	13+00.0	LT	91.0
12+50.0	13+00.0	RT	215.9
13+00.0	13+50.0	LT	103.2
13+00.0	13+50.0	RT	140.9
13+50.0	14+00.0	LT	167.1
13+50.0	14+00.0	RT	120.7
14+00.0	14+50.0	LT	170.4
14+00.0	14+50.0	RT	87.8
14+50.0	14+80.0	LT	96.8
14+50.0	14+90.0	RT	44.3
TOTAL:			7560.5

SCHEDULE OF TEMPORARY DITCH CHECKS 28000305			
START STATION	END STATION	LOCATION	QUANTITY (FOOT)
CHECK STRUCTURES			
5+70.0		RT	10.0
5+95.0		LT	10.0
6+09.0		RT	10.0
6+34.0		LT	10.0
6+43.0		RT	15.0
6+65.0		RT	15.0
6+66.0		LT	15.0
7+45.0		RT	15.0
7+77.0		LT	15.0
8+10.0		LT	15.0
9+02.0		LT	15.0
9+35.0		LT	15.0
10+96.0		RT	15.0
11+82.0		RT	15.0
13+35.0		LT	15.0
BATTER EROSION CONTROL			
9+52.0		RT	35.0
9+53.0		LT	20.0
9+59.0		RT	35.0
9+60.0		LT	15.0
9+64.0		LT	15.0
9+67.0		RT	35.0
9+70.0		LT	15.0
9+72.0		RT	30.0
9+75.0		LT	15.0
9+76.0		RT	30.0
9+80.0		LT	15.0
6+50.00	7+00.00	LT	20.0
6+50.00	7+00.00	RT	35.0
8+00.00	8+50.00	LT	65.0
10+50.00	11+00.00	RT	21.6
11+00.00	11+50.00	RT	150.6
11+50.00	12+00.00	RT	151.1
12+00.00	12+50.00	RT	150.5
12+50.00	13+00.00	RT	138.7
13+00.00	13+50.00	LT	20.8
13+00.00	13+50.00	RT	91.5
13+50.00	14+00.00	LT	50.0
14+00.00	14+50.00	LT	37.7
14+50.00	15+00.00	LT	20.2
14+50.00	15+00.00	RT	28.6
15+00.00	15+40.00	LT	44.2
15+00.00	15+40.00	RT	44.0
TOTAL:			1534.5
ADJUSTED TOTAL:			1535

SCHEDULE OF STUMP REMOVAL X2010404				
STATION	LOCATION	DESCRIPTION		QUANTITY (EACH)
		TYPE	SIZE (IN)	
6+26.57	22.45' LT	STUMP (SYCAMORE)	25	1
9+30.76	39.34' RT	STUMP (SHAGBARK HICKORY)	6	1
9+31.55	24.36' RT	STUMP (SHAGBARK HICKORY)	6	1
9+47.10	31.61' RT	STUMP (BUR OAK)	30	1
9+57.32	74.60' RT	STUMP (BOXELDER SNAG)	10	1
9+65.17	37.17' LT	STUMP (WHITE OAK)	32	1
9+64.73	43.66' RT	SHAGBARK HICKORY	18	1
9+67.75	64.96' RT	STUMP (BUR OAK)	30	1
9+76.17	23.67' LT	STUMP (AMERICAN ELM)	28	1
13+00.63	40.70' LT	STUMP (BOXELDER)	26	1
13+75.15	32.95' LT	STUMP (UNKNOWN)	16	1
14+00.00	34.91' LT	STUMP (UNKNOWN)	3	1
14+63.93	34.33' LT	STUMP (BOXELDER)	20	1
TOTAL:				13

SCHEDULE OF RIVER ROCK X1800002	
LOCATION	QUANTITY (TON)
W CREEK BANK	40.3
E CREEK BANK	42.7
TOTAL:	83.0
ADJUSTED TOTAL:	83

SCHEDULE OF STONE RIPRAP, CLASS A3 28100205		
STATION	LOCATION	QUANTITY (TON)
6+82.0	LT	3.0
7+23.5	LT	3.0
8+26.6	LT	3.0
8+66.8	LT	3.0
TOTAL:		12.0
ADJUSTED TOTAL:		12

SCHEDULE OF STONE RIPRAP, CLASS A3 (SPECIAL) X2810206			
STATION	STATION	LOCATION	QUANTITY (TON)
12+00	13+50	LT	56.6
12+00	13+00	RT	46.3
TOTAL:			102.9
ADJUSTED TOTAL:			103

SCHEDULE OF TREE ROOT PRUNING 20101200		
STATION	LOCATION	QUANTITY (EACH)
6+55.14	56.61' LT	1
6+88.90	59.62' RT	1
8+20.06	58.51' LT	1
9+47.85	65.01' LT	1
14+80.36	24.40' RT	1
14+82.27	22.62' RT	1
TOTAL:		6

SCHEDULE OF TREE PRUNING (OVER 10 INCH DIAMETER) 20101350		
STATION	LOCATION	QUANTITY (EACH)
6+55.14	56.61' LT	1
6+88.90	59.62' RT	1
8+20.06	58.51' LT	1
9+48.46	65.27' LT	1
14+80.36	24.40' RT	1
14+82.27	22.62' RT	1
TOTAL:		6



USER NAME = mrlange	DESIGNED - TS	REVISED - 4/10/2026
	DRAWN -	REVISED -
PLOT SCALE = 0.16666633' / In.	CHECKED -	REVISED -
PLOT DATE = 4/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MC HENRY	136	15
CONTRACT NO. 61L86				
ILLINOIS / FED. AID PROJECT				

MODEL: Rdwy, Schedule-5 [Sheet]
FILE NAME: H:\McHenry County\W23301.00 West Solon Phase [ICADD\CADD ORD 23-0201, Roadway\03_Sheet\05_Schedule of Quantities\W23301-shlscheduleRdwy.dgn

SCHEDULE OF SEEDING, CLASS 2A 25000210			
START STATION	END STATION	LOCATION	QUANTITY (ACRE)
4+80.0	5+00.0	RT	0.005
5+00.0	5+50.0	LT	0.003
5+00.0	5+50.0	RT	0.021
5+50.0	6+00.0	LT	0.023
5+50.0	6+00.0	RT	0.042
6+00.0	6+50.0	LT	0.029
6+00.0	6+50.0	RT	0.041
6+50.0	7+00.0	LT	0.047
6+50.0	7+00.0	RT	0.041
7+00.0	7+50.0	LT	0.043
7+00.0	7+50.0	RT	0.041
7+50.0	8+00.0	LT	0.031
7+50.0	8+00.0	RT	0.041
8+00.0	8+50.0	LT	0.032
8+00.0	8+50.0	RT	0.044
8+50.0	9+00.0	LT	0.040
8+50.0	9+00.0	RT	0.041
9+00.0	9+50.0	LT	0.030
9+00.0	9+50.0	RT	0.039
10+50.0	11+00.0	RT	0.001
11+00.0	11+50.0	RT	0.008
11+50.0	12+00.0	RT	0.009
12+00.0	12+50.0	RT	0.010
12+50.0	13+00.0	RT	0.009
13+00.0	13+50.0	LT	0.004
13+00.0	13+50.0	RT	0.007
13+50.0	14+00.0	LT	0.009
13+50.0	14+00.0	RT	0.006
14+00.0	14+50.0	LT	0.008
14+00.0	14+50.0	RT	0.005
14+50.0	14+80.0	LT	0.005
14+50.0	14+90.0	RT	0.004
TOTAL:			0.719
ADJUSTED TOTAL:			0.75

SCHEDULE OF SEEDING, MESIC TO WET NATIVE GRASSES XX007646			
START STATION	END STATION	LOCATION	QUANTITY (ACRE)
9+50.0	W CREEK LIMITS	LT	0.004
9+50.0	W CREEK LIMITS	RT	0.006
E CREEK LIMITS	10+50.0	LT	0.012
E CREEK LIMITS	10+50.0	RT	0.007
10+50.0	11+00.0	LT	0.005
10+50.0	11+00.0	RT	0.001
11+00.0	11+50.0	RT	0.025
11+50.0	12+00.0	RT	0.026
12+00.0	12+50.0	RT	0.015
12+50.0	12+60.0	RT	0.001
TOTAL:			0.102
ADJUSTED TOTAL:			0.25

SCHEDULE OF MATERIAL FOR STREAMBED ESTABLISHMENT, 24" XX009719			
START STATION	END STATION	LOCATION	QUANTITY (SQ YD)
W CREEK LIMITS	E CREEK LIMITS	LT & RT	430.5
TOTAL:			430.5
ADJUSTED TOTAL:			431

SCHEDULE OF MULCH, METHOD 3 25100125			
ITEM	# OF APPLICATIONS	AREA (ACRE)	QUANTITY
		TOTAL	(ACRE)
SEEDNG, CLASS 2A	6	0.75	4.50
PRAIRIE SEEDING (SPECIAL)		0.50	3.00
SEEDING (SPECIAL)		0.25	1.50
SEEDING, SEDGE MEADOW MIX		0.25	1.50
EMERGENT / SHORELINE SEED MIX		0.25	1.50
SEEDING, MESIC TO WET NATIVE GRASSES		0.25	1.50
TOTAL:			13.50
ADJUSTED TOTAL:			13.50

SCHEDULE OF PRAIRIE SEEDING K1004572			
START STATION	END STATION	LOCATION	QUANTITY (ACRE)
9+00.0	9+50.0	LT	0.008
9+00.0	9+50.0	RT	0.006
9+50.0	W CREEK LIMITS	LT	0.020
9+50.0	W CREEK LIMITS	RT	0.020
E CREEK LIMITS	10+50.0	LT	0.005
E CREEK LIMITS	10+50.0	RT	0.003
10+50.0	11+00.0	LT	0.011
10+50.0	11+00.0	RT	0.019
11+00.0	11+50.0	LT	0.008
11+00.0	11+50.0	RT	0.013
11+50.0	12+00.0	LT	0.006
11+50.0	12+00.0	RT	0.012
12+00.0	12+50.0	LT	0.009
12+00.0	12+50.0	RT	0.007
12+50.0	13+00.0	LT	0.019
12+50.0	13+00.0	RT	0.003
13+00.0	13+50.0	LT	0.017
13+50.0	14+00.0	LT	0.025
13+50.0	14+00.0	RT	0.018
14+00.0	14+50.0	LT	0.027
14+00.0	14+50.0	RT	0.013
14+50.0	14+80.0	LT	0.015
14+50.0	14+90.0	RT	0.005
TOTAL:			0.289
ADJUSTED TOTAL:			0.50

SCHEDULE OF EMERGENT / SHORELINE SEED MIX XX006622			
START STATION	END STATION	LOCATION	QUANTITY (ACRE)
E CREEK LIMITS	10+50.00	RT	0.002
10+50.0	11+00.0	RT	0.005
11+00.0	11+50.0	RT	0.001
11+50.0	12+00.0	RT	0.076
12+00.0	12+50.0	RT	0.028
TOTAL:			0.112
ADJUSTED TOTAL:			0.25

SCHEDULE OF BIOSWALE XX009434			
START STATION	END STATION	LOCATION	QUANTITY (SQ YD)
10+50.0	11+00.0	RT	3.0
11+00.0	11+50.0	RT	22.2
11+50.0	12+00.0	RT	22.4
12+00.0	12+50.0	RT	22.4
12+50.0	13+00.0	RT	7.1
TOTAL:			77.1
ADJUSTED TOTAL:			78

SCHEDULE OF TEMPORARY SEEDING		
K1005418		
ITEM	# OF APPLICATIONS	QUANTITY (ACRE)
PRAIRIE SEEDING (SPECIAL)	6	3.00
SEEDING (SPECIAL)		1.50
SEEDING, SEDGE MEADOW MIX		1.50
EMERGENT / SHORELINE SEED MIX		1.50
SEEDING, MESIC TO WET NATIVE GRASSES		1.50
TOTAL:		9.00
ADJUSTED TOTAL:		9.00

SCHEDULE OF TREES (SPECIAL) XX006570						
EXTRACTION		PLACEMENT		DESCRIPTION		QUANTITY
STATION	LOCATION	STATION	LOCATION	TYPE	SIZE (IN)	(EACH)
9+67.13	26.07' LT	11+65.00	159.0' RT	BUR OAK	27	1
TOTAL:						1

SCHEDULE OF SEEDING (SPECIAL) K1005421			
START STATION	END STATION	LOCATION	QUANTITY (ACRE)
10+50.0	11+00.0	RT	0.023
11+00.0	11+50.0	RT	0.035
11+50.0	12+00.0	RT	0.021
12+00.0	12+50.0	RT	0.016
12+50.0	13+00.0	RT	0.009
TOTAL:			0.104
ADJUSTED TOTAL:			0.25

SCHEDULE OF SEEDING, SEDGE MEADOW MIX K1005428			
START STATION	END STATION	LOCATION	QUANTITY (ACRE)
11+00.0	11+50.0	LT	0.001
11+00.0	11+50.0	RT	0.032
11+50.0	12+00.0	LT	0.004
11+50.0	12+00.0	RT	0.067
12+00.0	12+50.0	LT	0.000
12+00.0	12+50.0	RT	0.083
12+50.0	13+00.0	RT	0.022
13+00.0	13+50.0	RT	0.022
13+50.0	13+60.0	RT	0.001
TOTAL:			0.232
ADJUSTED TOTAL:			0.25

SCHEDULE OF WETLAND PLANTS XX006660						
START STATION	END STATION	LOCATION		RATE SPACING	LENGTH (FT)	AREA (SF)
				TRIANGLE PATTERN		
E CREEK LIMITS	10+50.00	RT	E/S SEED MIX	2 FT CTRS	-	94.5
10+50.00	11+00.00	RT	E/S SEED MIX		-	219.4
11+00.00	11+50.00	LT	SEEDING, SMM		-	57.2
			SEEDING, SMM		-	1402.6
11+00.00	11+50.00	RT	E/S SEED MIX		-	33.2
11+50.00	12+00.00	LT	SEEDING, SMM		-	158.6
			SEEDING, SMM		-	2917.1
11+50.00	12+00.00	RT	E/S SEED MIX		-	3331.8
12+00.00	12+50.00	LT	SEEDING, SMM		-	15.6
			SEEDING, SMM		-	3607.0
12+00.00	12+50.00	RT	E/S SEED MIX		-	1225.4
12+50.00	13+00.00	RT	SEEDING, SMM		-	955.2
13+00.00	13+50.00	RT	SEEDING, SMM		-	945.8
13+50.00	13+60.00	RT	SEEDING, SMM		-	46.4
STATION						
W CREEK BANK			RIVER ROCK	1 / FT	104.0	-
E CREEK BANK			RIVER ROCK		113.0	-
TOTAL:						4193
ADJUSTED TOTAL:						4200

ABBREVIATIONS:
SEEDING, SMM = SEEDING, SEDGE MEADOW MIX
E/S SEED MIX = EMERGENT/SHORELINE SEED MIX

SCHEDULE OF SUPPLEMENTAL WATERING 25200200						
ITEM	DURATION	FREQUENCY	APPLICATION RATE	WETLAND PLANT QTY	VOLUME	QUANTITY
	7/1/26 TO 11/30/26 4/1/27 TO 6/28/27			(EACH)	(GAL)	(UNIT)
WETLAND PLANTS	35 WEEKS	1/ WEEK	2 GAL / PLANT	4,200	294000.0	294.0
TOTAL:						294.0
1 UNIT = 1000 GAL					ADJUSTED TOTAL:	
					294.0	



USER NAME = mrlange

DESIGNED -

REVISED - 4/10/2026

DRAWN -

CHECKED - ML

REVISED -

PLOT SCALE = 0.16666633 ' / In.

DATE -

REVISED -

PLOT DATE = 4/8/2026

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE:

SHEET 8

OF 9

SHEETS

STA.

TO STA.

F.A.U RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

165

19-00510-00-BR

MCHENRY

136

20

CONTRACT NO. 61L86

####

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FLOODWAY LIMITS
FLOODPLAIN LIMITS

LEGEND

- SEEDING, CLASS 2A
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
NITROGEN & POTASSIUM FERTILIZER NUTRIENT
- PRAIRIE SEEDING (SPECIAL)
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING (SPECIAL), LOW-PROFILE SWALE
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, MESIC TO WET NATIVE GRASSES
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- SEEDING, SEDGE MEADOW MIX
WETLAND PLANTS & SUPPLEMENTAL WATERING
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- EMERGENT/ShORELINE SEED MIX
WETLAND PLANTS & SUPPLEMENTAL WATERING
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- MATERIAL FOR STREAMBED ESTABLISHMENT, 24"
ARTICULATED BLOCK REVETMENT MAT (CLOSED CELL)
NO MATERIAL SUBSTITUTIONS
- ARTICULATED BLOCK REVETMENT MAT (OPEN CELL, VEGETATED)
NO MATERIAL SUBSTITUTIONS
- STONE RIPRAP, CLASS A3 (SPECIAL)
- BIOSWALE
SEEDING (SPECIAL), LOW PROFILE PRAIRIE
WILDLIFE FRIENDLY EROSION CONTROL BLANKET
- STONE RIPRAP, CLASS A3
FILTER FABRIC
- TREES (SPECIAL)
- RIVER ROCK
WETLAND PLANTS

ARTICULATED BLOCK REVETMENT MAT
(OPEN CELL, VEGETATED), 72.0 SY
FILTER FABRIC, 72.0 SY
SEE DETAIL AT CREEK
RIVER ROCK, 42.7 TON

MATERIAL FOR STREAMBED ESTABLISHMENT 24", 431 SY

RIVER ROCK, 40.3 TON

ARTICULATED BLOCK REVETMENT MAT
(OPEN CELL, VEGETATED), 109.6 SY
FILTER FARIC, 109.6 SY
SEE DETAIL AT CREEK

LT SWALE

TEMP EASE

PR ROW

TEMP EASE

EX ROW

ARTICULATED BLOCK REVETMENT
MAT (CLOSED CELL), 88.0 SY
FILTER FABRIC, 88.0 SY
SEE DETAIL AT CREEK

ARTICULATED BLOCK REVETMENT
MAT (CLOSED CELL), 98.4 SY
FILTER FABRIC, 98.4 SY
SEE DETAIL AT CREEK

ARTICULATED BLOCK REVETMENT
MAT (CLOSED CELL), 83.7 SY
FILTER FABRIC, 83.7 SY
SEE DETAIL AT CREEK

ARTICULATED BLOCK REVETMENT MAT
(OPEN CELL, VEGETATED), 178.4 SY
FILTER FABRIC, 178.4 SY
SEE DETAIL AT CREEK

WATERWAY OF THE
U.S. (WOTUS) / INAI LIMITS

ARTICULATED BLOCK REVETMENT MAT
(OPEN CELL, VEGETATED), 69.4 SY
FILTER FABRIC, 69.4 SY
SEE DETAIL AT CREEK

BUFFER LIMITS

PR ROW

LIMITS OF CONSTRUCTION, TYP

CL & PGL WEST SOLON RD

SECTION LINE

WEST SOLON RD

SEE SHEET 2

PR ROW

RT DITCH

NB NIPPERSINK
CREEK

WETLAND LIMITS



USER NAME = mrlange	DESIGNED - KK	REVISED - 4/10/2026
	DRAWN - KK	REVISED -
PLOT SCALE = 0.16666633' / in.	CHECKED - EP	REVISED -
PLOT DATE = 4/8/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

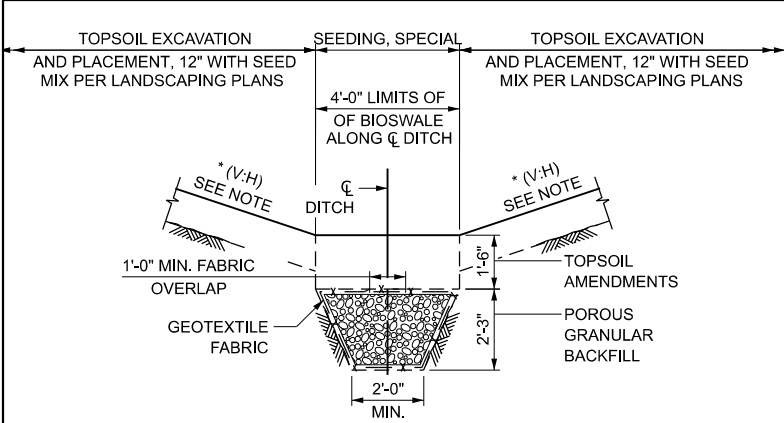
LANDSCAPING & GRADING PLAN
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: 1" = 10' SHEET 3 OF 7 SHEETS STA. 8+50.00 TO STA. 11+65.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MCHENRY	136	58
CONTRACT NO. 61L86				

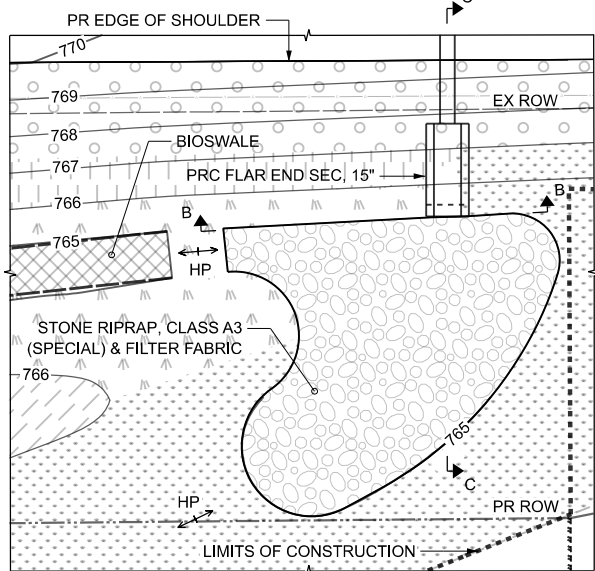
ILLINOIS FED. AID PROJECT

MODEL: Landscaping Plan 4 (Sheet)
FILE NAME: H:\McHenry County\W23301.00 West Solon Phase II\CADD\CADD ORD 23-02005 Environmental\03_Sheet16_Landscaping\W23301-sh1-landscaping.dgn

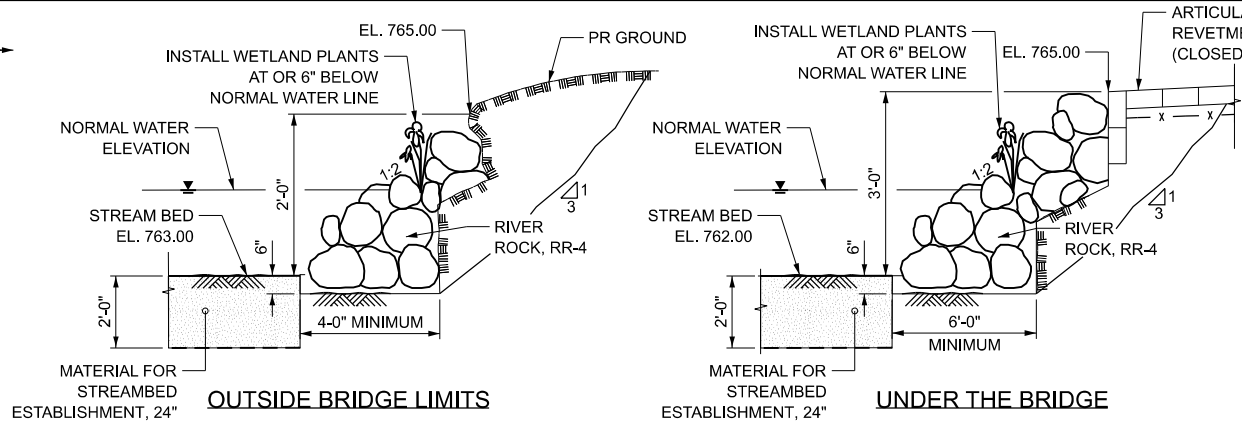


BIOSWALE DETAIL

N.T.S.
*FRONT SLOPE VARIES FROM 1:2.2 TO 1:3
**BACK SLOPE VARIES FROM 1:3 TO 1:10



PLAN

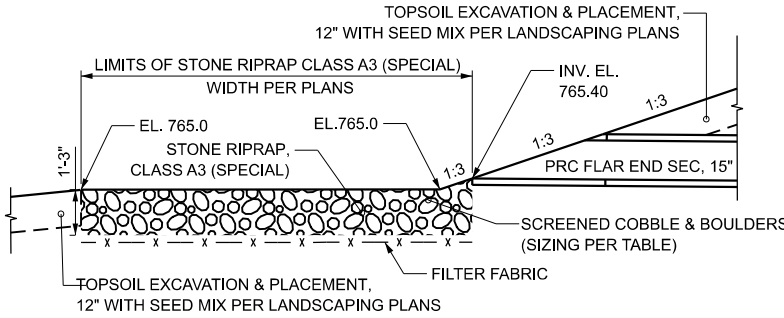


- NOTES:
1. ROCK SLOPE SHALL BE CONSTRUCTED ON STABLE BASE MATERIAL.
 2. INSTALL ONE WETLAND PLANT PER LINEAR FOOT AT OR 6" BELOW THE NORMAL WATER LINE WITHIN LIMITS OF RIVER ROCK.
 3. BUILD RIVER ROCK TOE ALONG EDGE OF CREEK AS SHOWN ON THE PLANS.
 4. INSTALL S75BN ALONG DISTURBED AREAS BEYOND TOP OF BANK.

RIVER ROCK DETAIL

N.T.S.

COBBLE GRADATION (RR4)
D100 = 14"
D50 = 9"
D10 = 5"



SECTION C-C

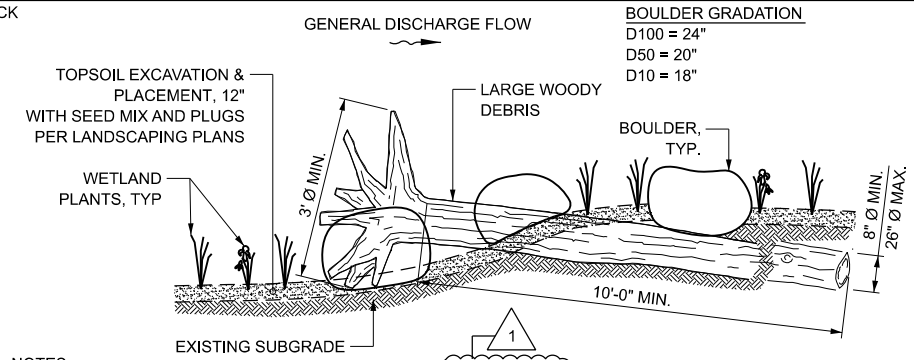
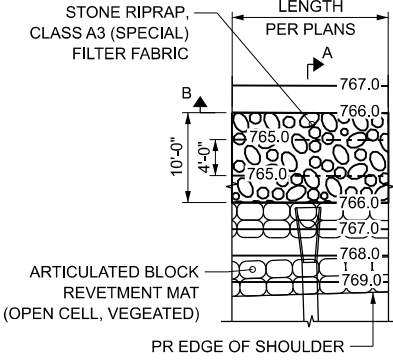
STONE RIPRAP, CLASS A3 (SPECIAL) DETAIL

N.T.S.

BOULDERS (RR5)
D100 = 18"
D50 = 15"
D10 = 12"

SCREENED COBBLE (RR3)
D100 = 9"
D50 = 5"
D10 = 3"

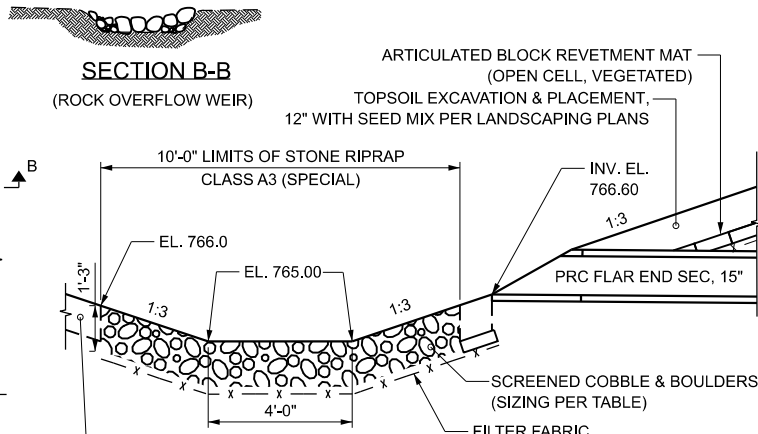
- NOTES:
1. WHERE OUTLETS ARE TO BE LOCATED OR CUT BACK EXCAVATION WILL BE REQUIRED.
 2. CONFIGURATION SHALL BE DETERMINED BY THE ENGINEER AND CONTRACTOR.



- NOTES:
1. LARGE WOODY DEBRIS WITH ROOT WAD IN TACT (QUANTITY = 1) WILL BE HARVESTED FROM SITE PER THE REMOVAL PLAN.
 2. SUB GRADE SHALL BE EXCAVATED A MINIMUM OF 2'-0" TO RECEIVE THE TREE TRUNK.
 3. FOR HORIZONTALLY PLACED WOODY DEBRIS, THE TRUNK SHALL BE ANCHORED WITH ONE BOULDER PLACED ON TOP OF THE BURIED END OF THE TRUNK, ONE BOULDER PLACED ON THE UPSTREAM EDGE OF THE ROOT WAD AND ONE BOULDER PLACED ON THE DOWNSTREAM EDGE OF THE ROOT WAD.
 4. TOPSOIL SHALL BE PLACED SURROUNDING WOODY DEBRIS TO ACHIEVE FINAL GRADE.
 5. THE AREA SHALL THEN BE PLANTED WITH SPECIES PER THE LANDSCAPING PLAN.

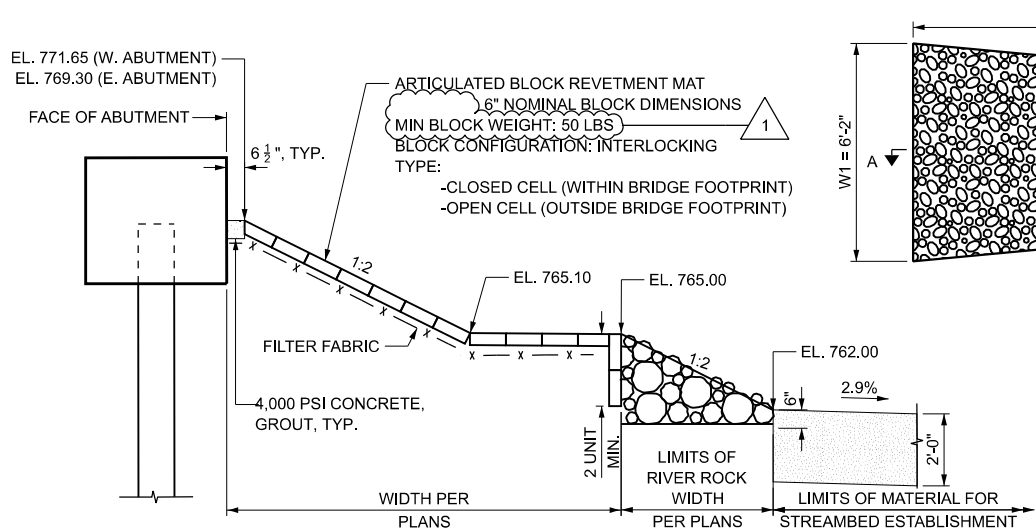
TREES (SPECIAL) DETAIL

N.T.S.



SECTION A-A

STA 12+68 TO STA 13+29 LT

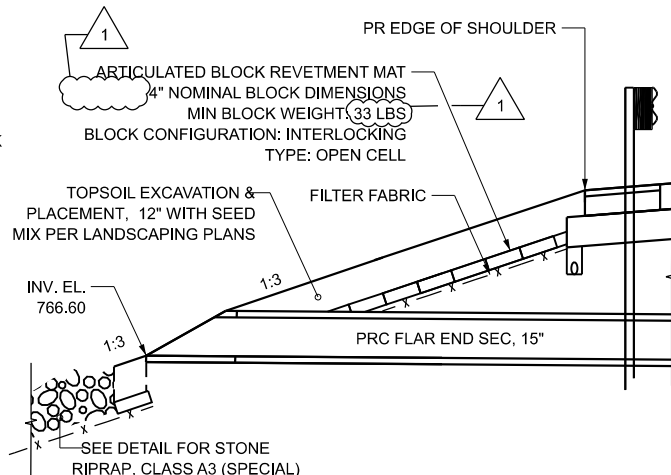
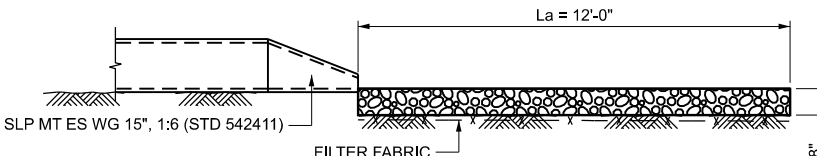


ARTICULATED BLOCK REVETMENT MAT DETAIL AT CREEK

N.T.S.

STONE RIPRAP, CLASS A3 DETAIL

PIPE OUTLET TO FLAT AREA (NO DEFINED CHANNEL)
N.T.S.



ARTICULATED BLOCK REVETMENT MAT DETAIL AT DITCH

N.T.S.

MODEL: Landscaping and Armoring Details (Sheet)
FILE NAME: H:\McHenry\County\W23301.00 West Solon Phase I\ICADD\CADD ORD 23-0205_Environmental\03_Sheet\16_Landscaping\W23301-sh-Landscaping&armoringdetails.dgn



USER NAME = mrlange	DESIGNED - EP	REVISED - 4/10/2026 1
PLOT SCALE = 0.16666633' / in.	DRAWN - KK	REVISED -
PLOT DATE = 4/8/2026	CHECKED - ML	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING & ARMORING DETAILS
WEST SOLON RD OVER NB NIPPERSINK CREEK

SCALE: N.T.S. SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
165	19-00510-00-BR	MCHEMRY	136	59
CONTRACT NO. 61L86				
ILLINOIS FED. AID PROJECT				