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**IDOT HIGHWAY STANDARDS**

STANDARD NO.	LIST OF DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
515001-04	NAME PLATE FOR BRIDGES
666001-01	RIGHT-OF-WAY MARKERS
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2024. THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2024. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 IDOT AT (847) 705-4436 AND THE VILLAGE FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE OR IDOT PROPERTY WITHOUT WRITTEN CONSENT FROM THE VILLAGE OR IDOT.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

**GENERAL NOTES (CONT.)**

- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO PERFORM WORK.
- WHEREVER THE PHRASE "NOISE WALL(S)" IS USED ON THE PLANS, IT SHALL BE CONSTRUED THE SAME AS "NOISE ABATEMENT WALL(S)."
- PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE SHALL TAKE PLACE PRIOR TO NOISE WALL INSTALLATION.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**SURVEY GENERAL NOTES**

- ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (2009 ADJUSTMENT). THE ELEVATIONS SHOWN ON THE PLANS ARE FOR FINISHED GRADES UNLESS OTHERWISE NOTED.

**DEMOLITION GENERAL NOTES**

- ALL DEMOLITION WORK SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER TO IMPLEMENT A PHASED APPROACH FOR THE REMOVAL OF THE EXISTING NOISE ABATEMENT WALL. THUS MAINTAINING THE CONTINUED NOISE PROTECTION FOR THE SURROUND COMMUNITIES.

**STORM SEWERS, WATERMANS, AND UTILITIES GENERAL NOTES**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER BY THE CONTRACTOR.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE WITH THE VILLAGE IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE VILLAGE WITHIN THE DURATION OF THE CONTRACT.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE, UNLESS OTHERWISE IS SPECIFIED.
- WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- CONTRACTOR SHALL MAINTAIN THE CONVEYANCE OF ALL FLOWS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE AND PUBLIC DRAINS, SEWERS, CULVERTS, AND OTHER DRAINAGE FACILITIES. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME THAT THE PERMANENT CONNECTIONS WITH SEWERS OR CULVERTS ARE BUILT AND IN SERVICE.

**STORM SEWERS, WATERMANS, AND UTILITIES GENERAL NOTES (CONT.)**

- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THE WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.

CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE UTILITIES AND SHALL PERFORM TEST HOLES AT EACH DRILLED SHAFT LOCATION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT.

**COMMITMENTS**

NONE

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<b>GSG CONSULTANTS, INC.</b> 735 E. REMINGTON RD. SCHMALKRUBER, IL 60773 TEL: (630) 794-2500   WWW.GSG-CONSULTANTS.COM	USER NAME ■ baloadr	DESIGNED - BA	REVISED - 03/04/2024 BA
	PLOT SCALE ■ 100.0000' / in.	DRAWN - BA	REVISED -
	PLOT DATE ■ 4/3/2024	CHECKED - WC	REVISED -
		DATE - 02/05/2024	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 53 NOISE ABATEMENT WALL IMPROVEMENTS  
GENERAL NOTES AND HIGHWAY STANDARDS**

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	2021-189-NW	COOK	115	2
				CONTRACT NO. 62P76
ILLINOIS   FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
				NONE	NONE	NONE
				0020	0020	0020
				NONE	S.N. 016-N1000	S.N. 016-N1001
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	10		5	5
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	10		5	5
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	23280		12874	10406
* 25000210	SEEDING, CLASS 2A	ACRE	3.72		2.03	1.69
* 25100630	EROSION CONTROL BLANKET	SQ YD	28174.9		14613.6	13561.3
* 28000305	TEMPORARY DITCH CHECKS	FOOT	3465		1785	1680
* 28000400	PERIMETER EROSION BARRIER	FOOT	3266		1767	1499
* 28000510	INLET FILTERS	EACH	18		9	9
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1295		100	1195
① 40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	310	310		
44201309	CLASS C PATCHES, TYPE III, 6 INCH	SQ YD	40		20	20
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	683		683	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1			1
* 51500100	NAME PLATES	EACH	2		1	1

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PLOT DATE = 2/4/2024	DATE = 02/05/2024	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 53 NOISE ABATEMENT WALL IMPROVEMENTS**  
**SUMMARY OF QUANTITIES**

SCALE: N/A | SHEET 1 OF 3 SHEETS | STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	2021-189-NW	COOK	115	3
CONTRACT NO. 62P76			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE
				NONE	NONE	NONE
				0020	0020	0020
				NONE	S.N. 016-N1000	S.N. 016-N1001
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	1295		100	1195
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	200	100	50	100
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	525	525		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2		
* 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	150	150		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24		
67100100	MOBILIZATION	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL MO	420	420		
* 81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL	FOOT	1354		1354	
* A2000086	TREE, ACER X FREEMANII ARMSTRONG (ARMSTRONG FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8		4	4
* A2001720	TREE, ACER SACCHARUM (SUGAR MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4		2	2



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 53 NOISE ABATEMENT WALL IMPROVEMENTS  
SUMMARY OF QUANTITIES**

SCALE: N/A | SHEET 2 OF 3 SHEETS | STA. N/A TO STA. N/A

F.A.P. RTE. 342	SECTION 2021-189-NW	COUNTY COOK	TOTAL SHEETS 115	SHEET NO. 4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62P76	



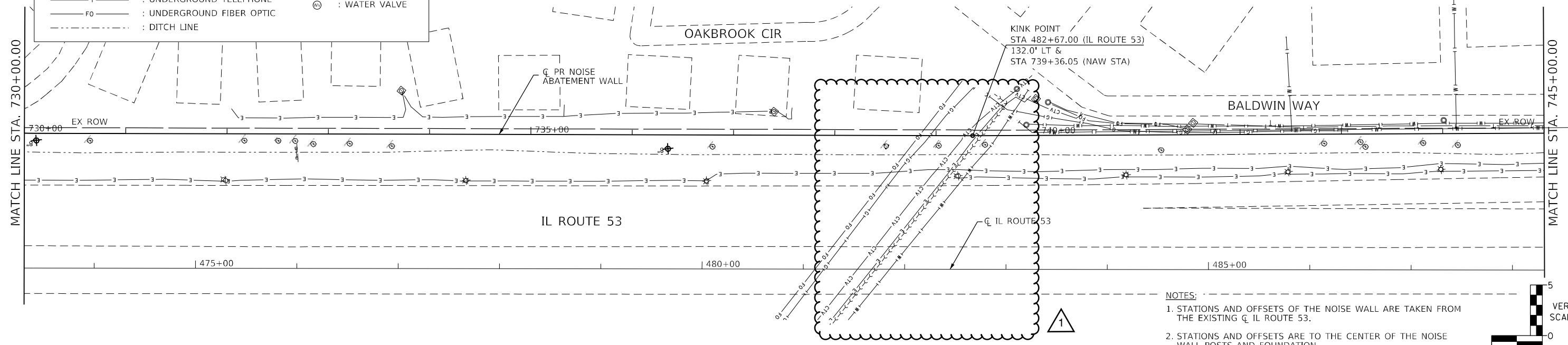
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PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
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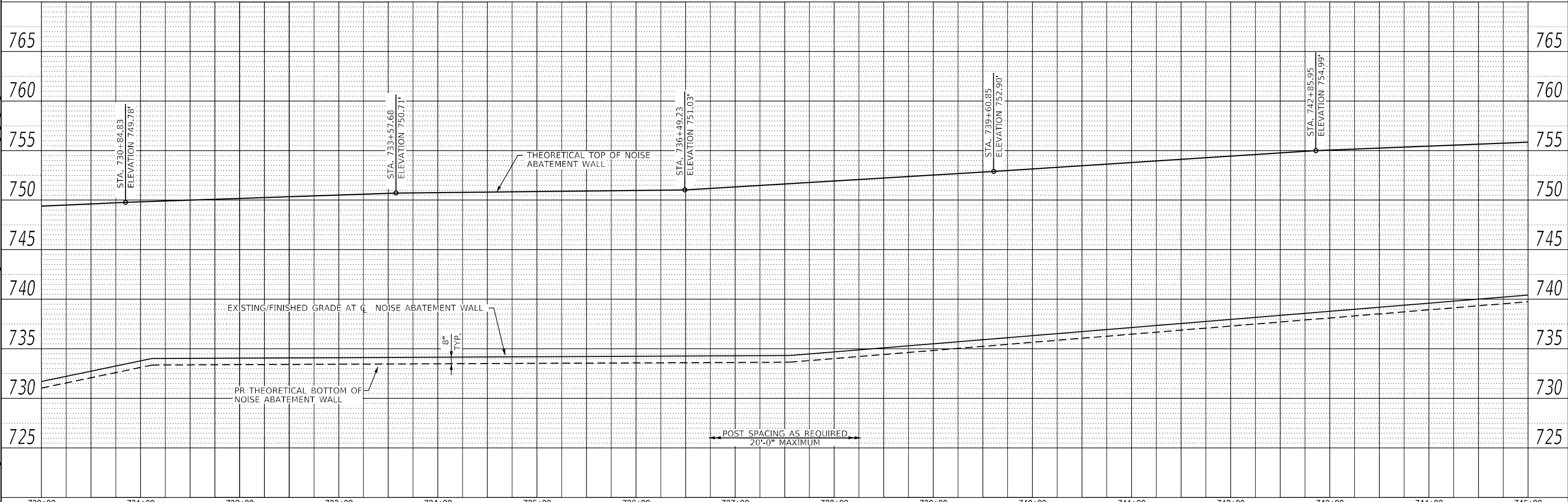
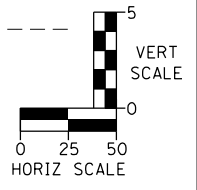
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 User: bbaladr

**PLAN AND PROFILE LEGEND**

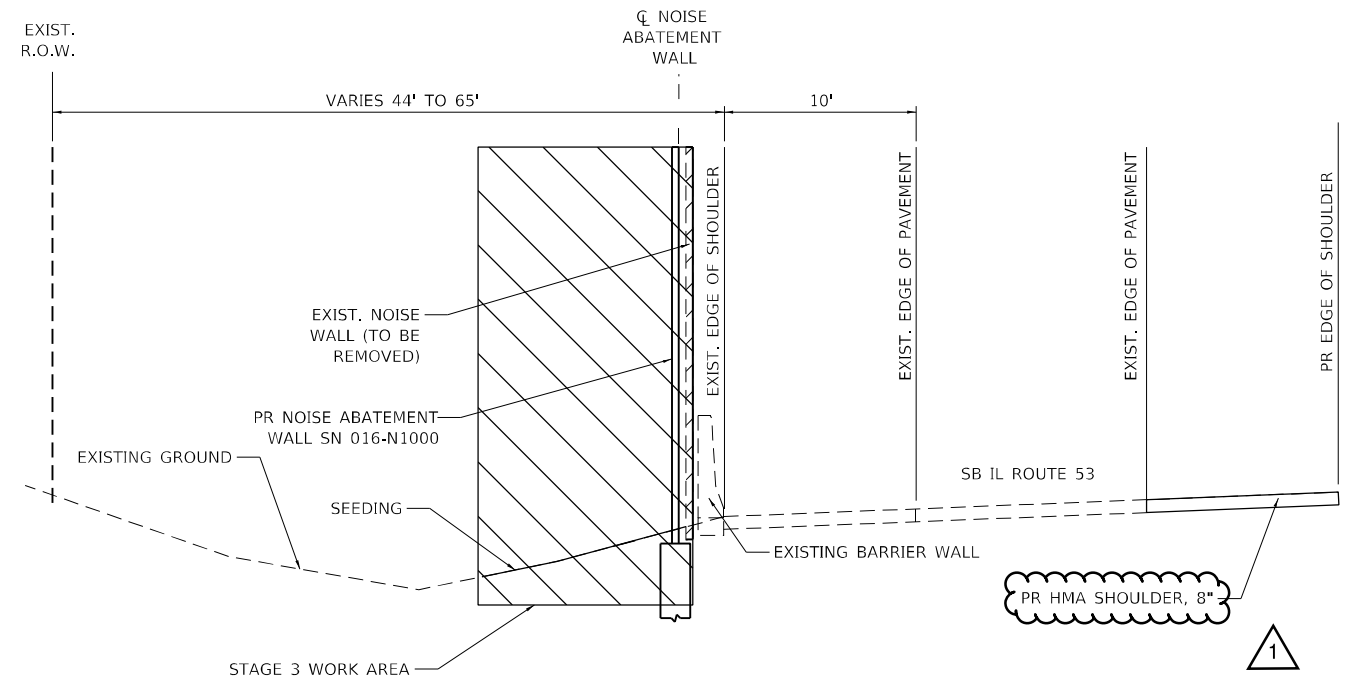
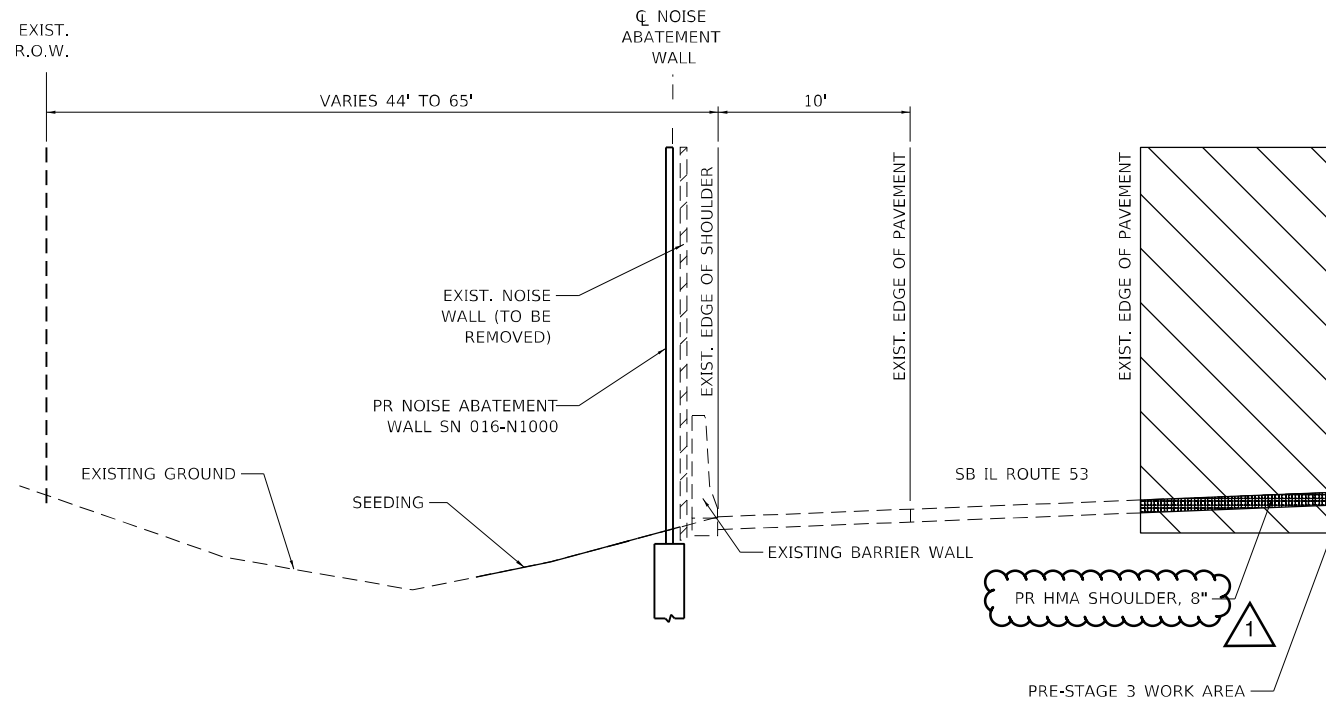
- W — : UNDERGROUND WATER
- E — : UNDERGROUND ELECTRIC
- CTV — CTV : UNDERGROUND CABLE TV
- G — : UNDERGROUND GAS
- T — : UNDERGROUND TELEPHONE
- FO — : UNDERGROUND FIBER OPTIC
- - - : DITCH LINE
- ⊕ : JUNCTION BOX
- : SPLICE BOX
- ⊗ : LIGHT POLE
- ⊙ : MANHOLE
- ⊕ : WATER VALVE



- NOTES:**
- STATIONS AND OFFSETS OF THE NOISE WALL ARE TAKEN FROM THE EXISTING Q IL ROUTE 53.
  - STATIONS AND OFFSETS ARE TO THE CENTER OF THE NOISE WALL POSTS AND FOUNDATION.



	USER NAME : bbaladr	DESIGNED -	REVISED - 03/04/2024 BA	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL ROUTE 53 NOISE ABATEMENT WALL IMPROVEMENTS</b> <b>PLAN AND PROFILE - SN 016-N1000 (3 OF 5)</b>	F.A.P. RTE. : 342	SECTION : 2021-189-NW	COUNTY : COOK	TOTAL SHEETS : 115	SHEET NO. : 22
	PLOT SCALE : 100:0.0000 ** / in.	CHECKED -	REVISED -			SCALE :	SHEET 7 OF 9 SHEETS	STA. 730+00.00 TO STA. 745+00.00	CONTRACT NO. 62P76	
	PLOT DATE : 4/5/2024	DATE -	REVISED -							



**TYPICAL SECTION – PRE-STAGE 5**

STA 700+00.00 TO STA. 713+53.94  
LOOKING NORTH

MIXTURE TYPE	AIR VOIDS @ N <sub>design</sub>	QMP
HOT-MIX ASPHALT SHOULDER 8"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2"	4% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70, 6"	4% @ 70 Gyr.	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QA/QC);  
QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)

**NOTES**

THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED .  
HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

**TYPICAL SECTION – STAGE 5**

STA 700+00.00 TO STA. 713+53.94  
LOOKING NORTH

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		DATE	02/05/2024	REVISED	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 53 NOISE ABATEMENT WALL IMPROVEMENTS  
MAINTENANCE OF TRAFFIC – TYPICAL SECTIONS**

SCALE: N/A SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	2021-189-NW	COOK	115	28
CONTRACT NO. 62P76				
ILLINOIS FED. AID PROJECT				









Station	Offset to Centerline Wall (ft)	Theoretical Top of NAW Elev.	Ex/Finished Grade Elevation	Theoretical Bottom of NAW Elev.	Theoretical Wall Height (ft)
457+99.50	127.00	731.63	722.69	723.36	8.3
458+00.00	126.97	734.08	724.08	723.42	10.7
458+48.01	124.66	741.80	724.43	723.76	18.0
458+50.00	124.58	735.17	725.17	724.50	10.7
458+67.64	123.84	741.80	725.61	724.95	16.8
458+96.51	122.75	742.67	726.36	725.69	17.0
459+00.00	122.63	742.69	726.42	725.75	16.9
459+12.56	122.21	742.76	726.69	726.02	16.7
459+50.00	121.12	742.97	726.81	726.14	16.8
459+78.38	120.47	743.13	726.96	726.29	16.8
460+00.00	120.07	743.25	727.49	726.82	16.4
460+04.00	120.00	743.27	727.60	726.93	16.3
460+50.00	117.50	743.53	728.62	727.96	15.6
460+86.19	115.79	743.74	729.27	728.60	15.1
460+97.37	115.31	743.80	729.45	728.79	15.0
461+00.00	115.20	743.83	729.48	728.81	15.0
461+50.00	113.36	744.31	729.87	729.20	15.1
462+00.00	111.95	744.79	730.18	729.51	15.3
462+05.56	111.83	744.83	729.80	729.13	15.7
462+50.00	111.00	745.23	730.87	730.20	15.0
463+00.00	110.49	745.67	731.33	730.66	15.0
463+10.73	110.44	745.76	731.60	730.93	14.8
463+50.00	110.42	745.75	732.05	731.38	14.4
463+67.00	110.50	745.75	732.25	731.58	14.2
463+91.06	109.63	745.75	732.42	731.76	14.0
464+00.00	109.33	745.75	732.26	731.59	14.2
464+50.00	107.93	745.74	731.98	731.32	14.4
465+00.00	106.98	745.73	731.79	731.12	14.6
465+48.43	106.33	745.73	731.70	731.03	14.7
465+50.00	106.31	745.73	731.72	731.06	14.7
465+88.20	105.80	745.72	731.77	731.10	14.6
465+93.03	105.73	745.75	731.66	730.99	14.8
466+00.00	105.64	745.78	731.49	730.83	15.0
466+10.50	105.50	745.83	731.27	730.61	15.2
466+50.00	105.54	746.03	730.47	729.80	16.2
466+84.94	105.58	746.20	729.71	729.04	17.2
467+00.00	105.59	746.27	729.91	729.24	17.0
467+50.00	105.64	746.52	730.57	729.91	16.6
467+85.16	105.68	746.69	731.11	730.45	16.2
468+00.00	105.70	746.78	731.39	730.72	16.1
468+50.00	105.75	747.08	732.34	731.67	15.4
468+84.94	105.78	747.29	733.01	732.35	14.9
469+00.00	105.80	747.38	732.92	732.25	15.1
469+50.00	105.85	747.67	732.54	731.87	15.8
469+79.32	105.88	747.85	731.62	730.96	16.9
469+84.21	105.89	747.87	732.26	731.59	16.3
470+00.00	105.90	747.95	732.40	731.74	16.2
470+50.00	105.95	748.18	732.90	732.23	15.9
471+00.00	106.00	748.41	733.43	732.76	15.6
471+50.00	106.06	748.64	733.96	733.29	15.3

Station	Offset to Centerline Wall (ft)	Theoretical Top of NAW Elev.	Ex/Finished Grade Elevation	Theoretical Bottom of NAW Elev.	Theoretical Wall Height (ft)
472+00.00	106.11	748.87	734.51	733.84	15.0
472+07.15	106.11	748.90	734.65	733.98	14.9
472+50.00	106.16	749.06	735.08	734.41	14.6
472+84.82	106.19	749.19	735.48	734.81	14.4
473+00.00	106.21	749.24	735.39	734.72	14.5
473+50.00	106.26	749.42	735.07	734.41	15.0
473+84.70	106.30	749.55	734.89	734.22	15.3
474+00.00	106.31	749.61	734.92	734.25	15.4
474+13.61	106.33	749.66	734.94	734.28	15.4
474+50.00	106.36	749.65	735.09	734.42	15.2
475+00.00	106.42	749.64	735.19	734.52	15.1
475+05.78	106.42	749.64	735.18	734.51	15.1
475+50.00	106.47	749.63	734.99	734.33	15.3
475+84.94	106.50	749.63	734.90	734.23	15.4
475+88.25	106.51	749.63	734.92	734.25	15.4
476+00.00	106.52	749.69	734.98	734.32	15.4
476+50.00	106.57	749.93	735.26	734.60	15.3
476+79.47	106.60	750.08	735.43	734.76	15.3
477+00.00	106.62	750.18	735.66	734.99	15.2
477+50.00	106.67	750.43	736.24	735.57	14.9
477+84.90	106.71	750.60	736.59	735.92	14.7
478+00.00	106.72	750.68	736.40	735.73	14.9
478+50.00	106.78	750.93	735.77	735.10	15.8
478+83.64	106.81	751.09	735.35	734.68	16.4
479+00.00	106.83	751.17	735.25	734.59	16.6
479+50.00	106.88	751.42	734.95	734.28	17.1
479+78.63	106.91	751.56	734.77	734.11	17.5
479+81.92	106.91	751.59	734.76	734.09	17.5
480+00.00	106.93	751.72	734.92	734.25	17.5
480+50.00	106.98	752.08	735.36	734.69	17.4
480+68.50	107.00	752.22	735.53	734.86	17.4
480+77.97	107.66	752.29	735.65	734.98	17.3
480+83.01	108.01	752.33	736.21	735.54	16.8
481+00.00	109.19	752.45	736.30	735.63	16.8
481+50.00	112.67	752.82	736.54	735.88	16.9
481+54.09	112.95	752.85	736.56	735.90	17.0
482+00.00	116.15	753.06	736.73	736.06	17.0
482+31.26	118.32	753.20	736.77	736.10	17.1
482+50.00	119.62	753.29	736.95	736.29	17.0
483+00.00	123.10	753.52	736.73	736.06	17.5
483+50.00	126.58	753.75	736.59	735.93	17.8
483+81.49	128.77	753.90	736.53	735.86	18.0
483+84.88	129.00	753.91	736.54	735.87	18.0
484+00.00	130.05	753.97	736.73	736.07	17.9
484+50.00	133.53	754.17	737.26	736.59	17.6
484+80.72	135.67	754.29	737.50	736.83	17.5
484+85.50	136.00	754.31	737.42	736.75	17.6
485+00.00	138.68	754.36	737.43	736.77	17.6
485+50.00	147.91	754.56	737.47	736.81	17.8
485+73.21	152.20	754.65	737.50	736.83	17.8

Station	Offset to Centerline Wall (ft)	Theoretical Top of NAW Elev.	Ex/Finished Grade Elevation	Theoretical Bottom of NAW Elev.	Theoretical Wall Height (ft)
486+00.00	157.15	754.76	737.37	736.70	18.1
486+50.00	166.39	754.96	737.20	736.53	18.4
486+65.51	169.25	755.02	737.07	736.41	18.6
487+00.00	175.62	755.16	737.59	736.92	18.2
487+50.00	184.86	755.36	738.22	737.55	17.8
487+81.62	190.70	755.48	738.70	738.04	17.4
488+00.00	194.10	755.56	739.44	738.77	16.8
488+03.52	194.75	755.57	739.50	738.84	16.7
488+50.00	203.33	755.76	739.84	739.18	16.6
488+53.59	203.99	755.77	739.89	739.22	16.6
488+87.80	210.31	755.88	740.28	739.61	16.3
489+00.00	212.57	755.92	740.57	739.90	16.0
489+28.30	217.80	755.02	741.15	740.48	15.5
489+45.99	221.06	755.07	740.57	739.90	16.2
489+50.00	221.80	755.09	740.69	740.03	16.1
489+63.04	224.21	755.13	740.60	739.93	16.2
490+00.00	231.04	755.25	740.81	740.15	16.1
490+37.01	237.88	755.37	741.10	740.44	15.9
490+48.50	240.00	755.41	741.21	740.55	15.9
490+50.00	240.03	755.42	741.23	740.56	15.9
490+60.25	240.23	755.45	741.33	740.67	15.8
490+74.78	240.50	755.50	740.57	739.90	16.6
491+00.00	240.99	755.58	741.70	741.04	15.5
491+04.72	241.08	755.59	741.73	741.06	15.5
491+50.00	241.95	755.74	742.18	741.51	15.2
491+65.31	242.24	755.79	741.71	741.04	15.7
491+86.62	242.65	757.53	742.66	741.99	15.5
492+00.00	242.91	758.00	742.69	742.03	16.0
492+50.00	243.87	759.74	742.87	742.20	17.5
492+54.38	243.95	759.90	742.89	742.22	17.7
492+59.59	244.05	760.11	743.92	742.26	17.9
492+79.08	244.43	760.93	743.70	743.04	17.9
492+83.00	244.50	761.09	743.86	743.19	17.9
492+87.02	248.15	761.32	743.98	743.34	18.0
493+00.00	259.94	762.05	744.02	743.35	18.7
493+00.59	260.47	762.09	744.05	743.38	18.7
493+26.97	284.42	763.58	743.66	742.99	20.6
493+33.89	290.70	763.97	743.56	742.89	21.1
493+46.72	302.36	764.69	743.43	742.76	21.9
493+48.06	303.58	764.77	743.35	742.68	22.1
493+50.00	305.34	764.88	743.40	742.73	22.1
493+70.35	323.81	765.03	743.72	743.05	23.0
493+71.07	324.47	765.07	743.73	743.06	23.0
493+74.95	327.99	765.28	743.79	743.12	23.2
493+75.93	328.88	765.34	743.80	743.14	23.2
493+76.42	329.33	765.37	743.81	743.15	23.2
493+76.45	329.36	765.37	743.81	743.15	23.2

**NOTE:**

Elevations and stations are measured along  $\angle$  IL 53.

MODEL: Default  
 FILE NAME: Z:\Shared\Projects\Illinois DOT\GSG-2020-01\CAD\CADD - Structures\SubB5 - Summary\032225 - 01.dwg  
 GSG CONSULTANTS, INC.  
 735 E. REMINGTON RD., SCHLAUBURG, IL 60173  
 TEL: (630) 994-3600 | WWW.GSG-CONSULTANTS.COM

USER NAME =	DESIGNED - BA	REVISED - $\Delta$ 03/04/2024 BA
PLOT SCALE =	DRAWN - BA	REVISED -
PLOT DATE = 3/15/2024	CHECKED - WC	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DATA TABLES  
STRUCTURE NO. 016-N1001**

SHEET SE-9 OF SE-21 SHEETS

F.A.P. RTE. 342	SECTION 2021-189-NW	COUNTY COOK	TOTAL SHEETS 115	SHEET NO. 65
ILLINOIS FED. AID PROJECT CONTRACT NO. 62P76				



MODEL: Default  
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Station	Offset to Centerline Wall (ft)	Theoretical Top of NAW Elev.	Ex/Finished Grade Elevation	Theoretical bottom of NAW Elev.	Theoretical Wall Height (ft)
105+66.50	177.00	766.37	743.82	743.15	23.2
105+67.15	176.56	766.40	744.13	743.46	22.9
105+76.88	169.29	766.91	743.72	743.06	23.9
105+97.07	155.03	767.70	743.53	742.87	24.8
106+00.00	152.11	767.71	743.50	742.83	24.9
106+45.47	118.34	767.78	743.04	742.37	25.4
106+50.00	114.97	767.79	743.02	742.36	25.4
106+55.91	111.67	767.80	743.00	742.34	25.5
106+57.32	111.44	767.80	743.00	742.33	25.5
107+00.00	104.01	767.76	744.52	743.86	23.9
107+05.18	104.11	767.75	744.71	744.05	23.7
107+31.26	98.58	767.73	745.25	744.58	23.2
107+45.23	96.15	767.58	745.53	744.87	22.7
107+50.00	95.33	767.53	745.72	745.06	22.5
108+00.00	86.64	767.01	747.76	747.10	19.9
108+31.02	82.37	757.45	739.72	739.05	18.4
108+42.28	79.29	766.57	749.49	748.82	17.7
108+50.00	77.96	766.49	749.46	748.79	17.7
108+42.28	79.30	766.60	749.49	748.82	17.8
109+00.00	74.66	765.97	749.25	748.58	17.4
109+50.00	72.04	765.46	749.04	748.37	17.1
110+00.00	69.41	764.94	748.83	748.16	16.8
110+12.22	68.77	764.81	748.78	748.11	16.7
110+50.00	66.79	764.64	748.62	747.95	16.7
110+55.50	66.50	764.61	748.60	747.93	16.7
111+00.00	64.95	764.40	748.41	747.74	16.7
111+39.17	63.58	764.21	748.24	747.58	16.6
111+50.00	63.20	764.16	748.12	747.45	16.7

Station	Offset to Centerline Wall (ft)	Theoretical Top of NAW Elev.	Ex/Finished Grade Elevation	Theoretical bottom of NAW Elev.	Theoretical Wall Height (ft)
112+00.00	61.45	763.92	747.52	746.86	17.1
112+06.55	61.22	763.89	747.45	746.78	17.1
112+50.00	59.70	763.65	746.93	746.26	17.4
112+51.82	59.47	763.64	746.73	746.24	17.6
113+00.00	57.96	763.36	746.81	746.15	17.2
113+42.54	56.47	763.12	746.73	746.06	17.1
113+50.00	56.21	763.08	746.66	746.00	17.1
113+56.00	56.00	763.04	746.61	745.94	17.1
114+00.00	55.84	762.79	746.22	745.56	17.2
114+12.11	55.79	762.73	746.12	745.45	17.3
114+50.00	55.66	762.53	745.78	745.12	17.4
114+61.39	55.61	762.48	745.68	745.02	17.5
115+00.00	55.47	762.28	745.68	745.01	17.3
115+50.00	55.29	762.03	745.68	745.01	17.0
116+00.00	55.11	761.77	745.68	745.01	16.8
116+04.39	55.09	761.75	745.68	745.01	16.7
116+50.00	54.92	761.56	745.68	745.01	16.5
116+50.83	54.92	761.55	745.68	745.01	16.5
117+00.00	54.74	761.35	745.44	744.78	16.6
117+50.00	54.56	761.14	745.21	744.54	16.6
117+61.10	54.51	761.09	745.16	744.49	16.6
118+00.00	54.37	760.92	745.16	744.49	16.4
118+27.57	54.27	760.81	745.16	744.49	16.3
118+40.62	54.22	758.65	745.16	744.49	14.2
118+50.00	54.19	757.11	744.94	744.27	12.8
119+00.00	54.01	748.87	743.74	743.07	5.8
119+01.23	54.00	748.67	743.70	743.03	5.6

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**NOTE:**

Elevations and stations are measured along  $\text{\textcircled{C}}$  Lake Cook Road.

<b>GSG CONSULTANTS, INC.</b> <small>735 E. REMINGTON RD. SCHLAUSBURG, IL 60173          TEL: +1(630)944-3600   WWW.GSG-CONSULTANTS.COM</small>	USER NAME =	DESIGNED - BA	REVISED - $\Delta$ 03/04/2024 BA	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DATA TABLES</b> <b>STRUCTURE NO. 016-N1001</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - WC	REVISED -			342	2021-189-NW	COOK	115	66
PLOT DATE = 3/15/2024	DATE -	REVISED -		SHEET SE-10 OF SE-21 SHEETS		CONTRACT NO. 62P76				
						ILLINOIS FED. AID PROJECT				



**NOISE ABATEMENT WALL DATA TABLE**

Station	Offset to $\bar{C}$ Wall (ft.)	Theoretical Top of NAW Elev.	Existing/Finished Grade Elev. at $\bar{C}$ NAW	Theoretical Bottom of NAW Elev.	Theoretical Wall Height (ft.)
482+00.00	-132.08	752.35	735.26	734.59	17.8
482+50.00	-132.02	752.65	735.67	735.00	17.6
482+67.00	-132.00	752.75	735.81	735.14	17.6
482+91.80	-132.14	752.90	736.01	735.34	17.6
483+00.00	-132.19	752.95	736.08	735.41	17.5
483+50.00	-132.48	753.27	736.48	735.82	17.5
484+00.00	-132.78	753.59	736.89	736.23	17.4
484+50.00	-133.07	753.91	737.30	736.64	17.3
485+00.00	-133.36	754.24	737.71	737.04	17.2
485+50.00	-133.65	754.56	738.12	737.45	17.1
486+00.00	-133.94	754.88	738.53	737.86	17.0
486+16.90	-134.04	754.99	738.67	738.00	17.0
486+50.00	-134.23	755.12	738.94	738.27	16.8
487+00.00	-134.52	755.32	739.35	738.68	16.6
487+50.00	-134.81	755.52	739.75	739.09	16.4
488+00.00	-135.10	755.72	740.16	739.50	16.2
488+50.00	-135.39	755.92	740.57	739.91	16.0
488+79.95	-135.57	756.04	740.82	740.15	15.9
489+00.00	-135.68	756.09	740.98	740.31	15.8
489+50.00	-135.98	756.22	741.39	740.72	15.5
489+57.99	-136.02	756.24	741.46	740.79	15.5
490+00.00	-136.27	756.35	741.87	741.20	15.1
490+50.00	-136.56	756.47	742.36	741.70	14.8
491+00.00	-136.85	756.60	742.86	742.19	14.4
491+16.69	-136.94	756.64	743.03	742.36	14.3
491+50.00	-137.14	756.73	742.89	742.22	14.5
491+65.69	-137.23	756.77	742.83	742.16	14.6
492+00.00	-137.43	757.01	742.69	742.03	15.0
492+50.00	-137.72	757.36	742.50	741.83	15.5
492+94.52	-137.98	757.67	742.32	741.65	16.0
493+00.00	-138.01	757.71	742.46	741.79	15.9
493+50.00	-138.30	758.06	743.30	742.63	15.4
493+82.81	-138.49	758.29	743.87	743.21	15.1
493+84.00	-138.50	758.29	743.90	743.23	15.1
494+00.00	-144.41	758.32	744.20	743.53	14.8
494+50.00	-162.89	758.41	745.19	744.52	13.9
494+53.12	-164.04	758.42	745.20	744.53	13.9
494+89.75	-177.57	758.48	747.25	746.58	11.9
495+00.00	-181.36	758.50	747.28	746.61	11.9
495+03.88	-182.79	758.51	747.29	746.63	11.9
495+42.89	-197.20	758.94	747.44	746.77	12.2
495+50.00	-199.83	759.02	747.50	746.83	12.2
496+00.00	-218.31	759.57	747.91	747.24	12.3
496+00.66	-218.55	759.57	747.93	747.26	12.3
496+50.00	-236.78	760.12	750.03	749.36	10.8
496+58.18	-239.80	760.21	750.38	749.71	10.5
496+69.09	-243.83	760.29	750.84	750.17	10.1
497+00.00	-255.25	760.51	751.58	750.91	9.6
497+26.04	-264.87	760.70	752.20	751.54	9.2
497+50.00	-273.72	761.68	752.78	752.11	9.6
498+00.00	-292.20	763.73	753.97	753.31	10.4
498+17.69	-298.73	764.55	754.40	753.73	10.8
498+25.27	-301.54	764.77	754.40	753.73	11.0
498+50.00	-310.67	767.03	754.38	753.71	13.3
498+70.19	-318.13	768.88	754.37	753.70	15.2



**NOTE:**

Stations and offsets are measured along/from the  $\bar{C}$  IL 53.

MODEL: Default; FILE NAME: p:\benesch\pww\benesch\pww\Documents\108005\108005\108005.dwg; User: jtk; Date: 11/15/2024; 11:15:23 AM



USER NAME	DESIGNED - SHK	REVISED -  04/03/2024 TPS
DRAWN - KMS	CHECKED - TPS	REVISED -
PLOT SCALE	DATE	REVISED -
PLOT DATE		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NOISE ABATEMENT WALL DATA TABLES (2 OF 3)  
STRUCTURE NO. 016-N1000**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	2021-189-NW	COOK	115	89
CONTRACT NO. 62P76				
		ILLINOIS	FED. AID PROJECT	

SHEET SW-12 OF SW-25 SHEETS

