

DISTRICT ONE DESIGN CONSULTANT SERVICES MANAGER: RAJENDRA SHAH (847) 705-4555

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 60B04	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

F.A.I. ROUTE 55 (INTERSTATE 55)

NOISE ABATEMENT WALLS

LIMITS: US 30 (PLAINFIELD ROAD) TO WEBER ROAD

SECTION: 99(1&2) I-12

PROJECT NO.: *IM-055-6(233)250*

WILL COUNTY  
C-91-233-06

D-91-094-05

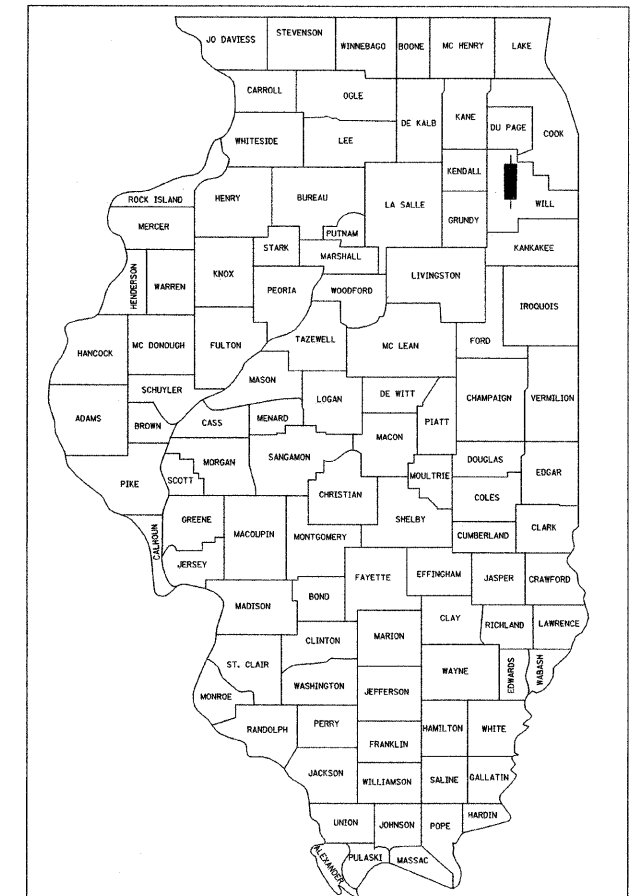
★ 147+5=152

**TRAFFIC DATA - ADT (2030)**

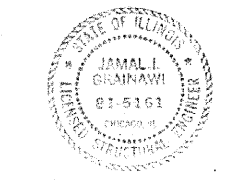
NB ADT = 51,000  
SB ADT = 51,000  
DESIGN SPEED = 70 MPH.

**PROJECT DESCRIPTION**

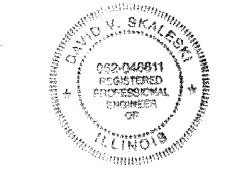
THE PROPOSED IMPROVEMENT CONSISTS OF INSTALLATION OF NOISE ABATEMENT WALLS INCLUDING SHOULDER WIDENING, GUARDRAIL INSTALLATION, GRADING, LATERAL STORM SEWER INSTALLATION, EROSION CONTROL, LANDSCAPING, TRAFFIC CONTROL AND PROTECTION AND OTHER RELATED ROADWAY ITEMS.



LOCATION OF SECTION INDICATED THUS: - [rectangle] -



*Jamal Grainawi*  
JAMAL GRAINAWI, S.E., P.E.  
LICENSE NO.: 81-5161  
EXPIRES: November 30, 2010  
DATE: 1/26/09



*David Skaleski*  
DAVID V. SKALESKI, P.E.  
LICENSE NO.: 062-046611  
EXPIRES: November 30, 2009  
DATE: 1/26/09

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED JANUARY 28, 2009

*Dina M. O'Keefe* DISTRICT ENGINEER

March 27, 2009  
*Charles A. Ingersoll* ENGINEER OF DESIGN AND ENVIRONMENT

March 27, 2009  
*Christine M. Reed* DIRECTOR, DIVISION OF HIGHWAYS

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



PROPOSED WALL 9B  
STA. 689 + 00.00 TO  
STA. 730 + 05.00

PROPOSED NOISE WALL 8  
STA. 654 + 00.00 TO  
STA. 682 + 90.00

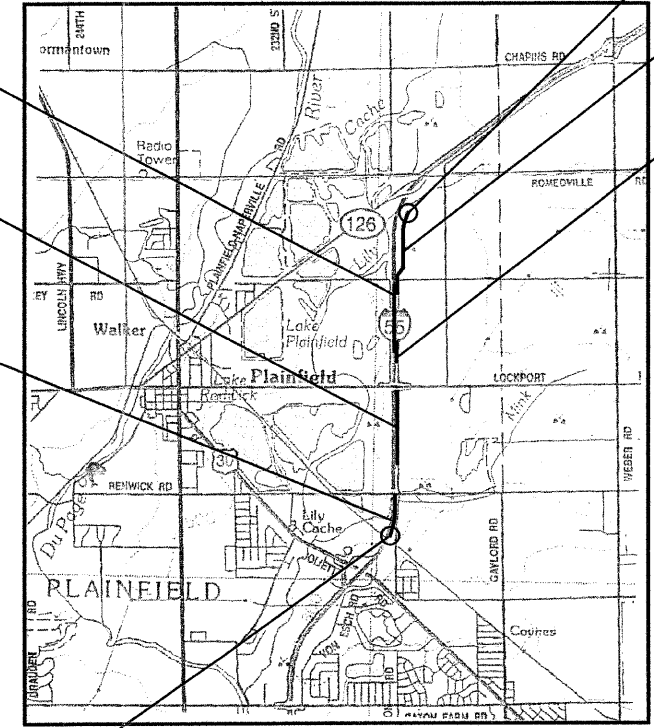
PROPOSED NOISE WALL 7  
STA. 611 + 35 TO  
STA. 629 + 51.00

PROJECT ENDS:  
STA. 767 + 00.00

PROPOSED NOISE WALL 9C  
STA. 728 + 00.00 TO  
767 + 00.00

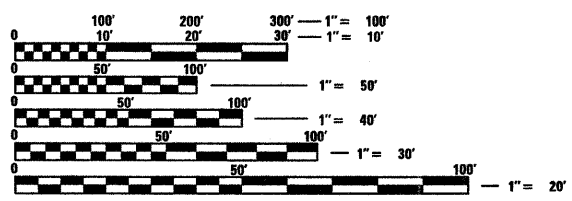
PROPOSED NOISE WALL 9A  
STA. 685 + 50.00 TO  
STA. 690 + 50.00

PROJECT BEGINS:  
STA. 610 + 25.64



LOCATION MAP  
NOT TO SCALE

GROSS LENGTH OF PROJECT = 15,674.36 FEET (2.968 MILES)  
NET LENGTH = 13,320.36 FEET (2.523 MILES)



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO.: 60B04

FINAL

Rev.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	2
STA. 610+25.64		TO STA. 767+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS AND STATE STANDARDS
- 3 GENERAL NOTES
- 4 - 6 SUMMARY OF QUANTITIES
- 7 - 12 TYPICAL SECTIONS
- 13 - 15 SCHEDULE OF QUANTITIES
- 16 - 25 ALIGNMENT, TIES AND BENCHMARKS
- 26 - 37 NOISE ABATEMENT WALL PLAN AND PROFILE
- 38 - 41 SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL GENERAL NOTES AND DETAILS
- 42 - 48 EROSION AND SEDIMENT CONTROL PLANS
- 49 - 50 EROSION AND SEDIMENT CONTROL DETAILS
- 51 - 62 DRAINAGE AND UTILITY PLAN AND PROFILE
- 63 - 64 DRAINAGE DETAILS
- 65 - 67 DRAINAGE SCHEDULES
- 68 - 73 LANDSCAPING PLANS
- \*74 CONCRETE BARRIER TRANSITION DETAIL AND BARRIER DETAILS
- 75 - 76 INSTALLATION DRAWING FOR WALL MOUNT SIGN SUPPORT
- 77 NOISE ABATEMENT EMERGENCY ACCESS GATE, GROUND MOUNTED
- 78 - 82 DISTRICT DETAILS
- 83 - 85 NOISE ABATEMENT WALL DETAILS - WALL 7
- 86 - 89 NOISE WALL SOIL BORING LOGS - WALL 7
- 90 - 93 NOISE ABATEMENT WALL DETAILS - WALL 9B
- \*94 - 100 NOISE WALL SOIL BORING LOGS - WALL 9B
- 101 - 106 NOISE WALL SOIL BORING LOCATION PLANS
- 107 EARTHWORK SCHEDULES
- 108 - 147 CROSS SECTIONS

*\*ADDED 74A. CONCRETE BARRIER TRANSITION AND BARRIER DETAILS  
\*ADDED 100A. GROUNDING DETAILS FOR STEEL POSTS*

STATE STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 482001-02 BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 602001-01 CATCH BASIN TYPE A
- 604071-04 FRAME AND GRATE TYPE 20
- 630001-08 STEEL PLATE BEAM GUARDRAIL
- 631031-07 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 665001-02 WOVEN WIRE FENCE
- 701101-02 OFF RD OPERATIONS, MULTI LANE 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701106-02 OFF RD OPERATIONS, MULTI LANE MORE THAN 15' (4.5m) FROM PAVEMENT EDGE
- 701400-03 APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701401-05 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-05 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
- 701426-03 MULTI-LANE, INTERMITTENT OR MOVING OPERATION
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-01 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-00 SIGN PANEL ERECTION DETAILS
- 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELIATORS
- 729001-01 APPLICATION OF TYPES A AND B METAL POSTS

DISTRICT 1 STANDARDS

- BD34 DETAILS FOR STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER, STABILIZATION AT TBT TY1 SPL.
- TC12 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
- TC17 TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES
- TC18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
  
 INDEX OF SHEETS  
 AND STATE STANDARDS

SCALE: NONE  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM



FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	3
STA. 610+25.64		TO STA. 767+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
				NOTES-01 OF 01

### GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL \*J.U.L.I.E.\* AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRIER WALL MARKERS, TYPE C, SHALL BE INSTALLED ON MEDIAN CONCRETE BARRIER WALL AND PARAPETS AT A HEIGHT OF 28-INCHES FROM THE TOP OF SHOULDER TO THE BOTTOM OF THE REFLECTOR AND SPACED AT 50-FEET CENTER-TO-CENTER ON CURVES AND 100-FEET CENTER-TO-CENTER ON TANGENTS OR AS DIRECTED BY THE TRAFFIC OPERATIONS FIELD ENGINEER. THE BARRIER WALL MARKERS SHALL BE INSTALLED DURING STAGE I CONSTRUCTION, PRIOR TO OPENING THE WIDENED PAVEMENT TO TRAFFIC.

- A PAINT STRIPE SHALL BE APPLIED TO THE FACE OF BARRIER WALL ADJACENT TO ALL DRAINAGE STRUCTURES. THE STRIPE SHALL BE 4-INCHES WIDE BY 12-INCHES LONG, AND EXTEND VERTICALLY AT 90 DEGREES FROM THE TOP EDGE OF THE BARRIER. THE PAINT WILL BE SPECIFIED AS ORANGE PAINT. COST OF THE STRIPE IS TO BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF TYPE AND SIZE SPECIFIED.
- EXISTING PAVEMENT OR OTHER HIGHWAY FEATURES DAMAGED DURING CONSTRUCTION, BUT NOT SHOWN TO BE REMOVED ON THE PLANS, SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE. THIS WORK SHALL MEET WITH THE APPLICABLE PORTIONS OF THE STANDARD SPECIFICATIONS AND THE APPROVAL OF THE ENGINEER.
- ANY GUARDRAIL REMOVED AND DEEMED SALVAGEABLE BY THE RESIDENT ENGINEER SHALL BE DELIVERED BY THE CONTRACTOR TO THE NEAREST IDOT MAINTENANCE FACILITY. TEMPORARY STORAGE AND DELIVERY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "GUARDRAIL REMOVAL".
- EARTHWORK AND GRADING NEEDED TO ADJUST ELEVATIONS ALONG THE EXISTING GRASS AREAS ADJACENT TO THE PROPOSED NOISE WALL SECTIONS SHALL BE INCLUDED IN THE COST FOR "EARTH EXCAVATION".

- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- AT LOCATIONS WHERE THE EXISTING ACCESS CONTROL FENCE IS TO BE REMOVED IN ORDER TO ALLOW CONSTRUCTION OF THE PROPOSED NOISE WALL, TEMPORARY FENCE SHALL BE CONSTRUCTED PRIOR TO THE REMOVAL OF EXISTING ACCESS CONTROL FENCE IN ORDER TO PROVIDE ACCESS CONTROL AT ALL TIMES. THE TEMPORARY FENCE SHALL REMAIN IN PLACE UNTIL THE PROPOSED NOISE WALL IS COMPLETED AND CONNECTED TO THE EXISTING ACCESS CONTROL FENCE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT AS TEMPORARY FENCE (SPECIAL).

- WHEN REQUIRED TO PERMIT THE CONSTRUCTION OF PROPOSED WORK ITEMS SUCH AS CULVERTS, THE CONTRACTOR MAY TEMPORARILY REMOVE AND RESTORE PORTIONS OF THE EXISTING ACCESS CONTROL FENCE AND/OR TEMPORARY FENCE. WORKERS SHALL BE PRESENT AT ALL TIMES THAT A PORTION OF THE FENCE IS REMOVED, AND THE FENCE SHALL BE RESTORED PRIOR TO THE END OF THE WORK SHIFT. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE PAY ITEMS INVOLVED.

- SAW CUTTING ALONG I-55 SHOULDER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "BITUMINOUS CONCRETE SHOULDER REMOVAL".

- THE WALL MOUNTED SIGN SUPPORT DETAIL SHOWN IN THE PLANS SHALL BE USED BY THE CONTRACTOR TO LAYOUT AND CONSTRUCT SIGN SUPPORT STRUCTURES. THE DESIGN WILL BE ADJUSTED IN THE FIELD BY THE CONTRACTOR TO FIT EACH SPECIFIC SIGN. THIS WORK WILL BE INCLUDED IN THE COST FOR WALL MOUNTED SIGN SUPPORT FOR TYPE I PANEL (SPECIAL).

- WHEREVER THE PHRASE "NOISE WALL(S)" IS USED ON THE PLANS, IT SHALL BE CONSTRUCTED THE SAME AS "NOISE ABATEMENT WALL(S)".

- ALL PAVEMENT MARKING REMOVAL WORK SHALL BE PERFORMED UTILIZING THE "WATER BLASTER WITH VACUUM RECOVERY" METHOD. THIS WORK SHALL BE INCLUDED IN THE COST FOR PAVEMENT MARKING REMOVAL.

- ANY ADDITIONAL EXCAVATION AND/OR PAVEMENT REMOVAL NEEDED TO PROVIDE AN ADEQUATE WORK AREA FOR CONSTRUCTION OF THE CONCRETE BARRIER BASE SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR CONCRETE BARRIER BASE, SPECIAL. PAVEMENT REMOVED SHALL BE REPLACED IN-KIND AT NO ADDITIONAL COST TO THE CONTRACT. THIS WORK SHALL MEET THE APPLICABLE DETAILS AND SPECIFICATIONS, AND BE APPROVED BY THE ENGINEER.

- PLEASE CONTACT STEVE LIPKIE OF THE ROADSIDE DEVELOPMENT UNIT 72 HOURS PRIOR TO TREE PLANTING AND SELECTIVE CLEARING AT 847-705-4173.
- TOPSOIL AND SEEDING SHOWN ADJACENT TO PROPOSED WALLS ARE INTENDED TO REPLACE EXISTING VEGETATION DAMAGED DURING CONSTRUCTION. HOWEVER, EXISTING VEGETATION NOT DAMAGED MAY REMAIN IN PLACE. THIS WORK SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
- WHERE REFERENCED WITHIN THE PLANS AND SPECIAL PROVISIONS, PIPE UNDERDRAIN FOR STRUCTURES 6" OR PIPE UNDERDRAIN FOR STRUCTURES SHALL BE REPLACED BY PIPE UNDERDRAIN FOR STRUCTURES 4".
- THE COST OF ADDITIONAL THICKNESS OF SUB-BASE GRANULAR MATERIAL (WHERE NEEDED) SHALL BE INCLUDED IN THE CONTRACT UNIT COST FOR "SUB-BASE GRANULAR MATERIAL, TYPE B, 6".

### DRAINAGE NOTES

- INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
- THE STATION AND OFFSET OF THE DRAINAGE STRUCTURES ADJACENT TO THE CONCRETE BARRIER ARE TO THE EDGE OF THE FRAME ADJACENT TO THE CONCRETE BARRIER. THE STATION AND OFFSET OF ALL OTHER DRAINAGE STRUCTURES APPLY AT THE CENTER OF THE FRAME.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM SEWER AND DITCH FLOWS MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

- ADJUSTMENTS TO MAINTAIN FLOW IN EXISTING UNDERDRAINS AND HEADWALLS FOR UNDERDRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION".

- WHERE EXISTING UNDERDRAIN PIPE IS IN CONFLICT WITH THE PROPOSED NOISE ABATEMENT WALL AND/OR APPURTENANCES, THE CONTRACTOR SHALL TIE THE EXISTING UNDERDRAIN PIPE INTO A PROPOSED DRAINAGE STRUCTURE OR PROPOSED UNDERDRAIN PIPE. 1/4 ANY REMOVAL OR NEW UNDERDRAIN PIPE WORK NEEDED TO ACCOMMODATE THIS CONFLICT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAIN FOR STRUCTURES, 4\*.

INCIDENTAL ITEMS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD

### GENERAL NOTES

SCALE: NONE  
DATE: 6-12-09

DRAWN BY: MMS  
CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	4
STA. 610+25.64		TO STA. 767+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	SQO-01 OF 3			

SUMMARY OF QUANTITIES					90% FED/10% STATE		
CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				NOISE WALL		100% State Non-Participating	
				Sta.610+25.64 to Sta. 767+00.00	Sta.610+25.64 to Sta. 767+00.00		
				I000	Y220		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	923	923			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	275	275			
20101100	TREE TRUNK PROTECTION	EACH	6	6			
20101200	TREE ROOT PRUNING	EACH	6	6			
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	2	2			
20101350	TREE PRUNING ( OVER 10 INCH DIAMETER)	EACH	4	4			
20200100	EARTH EXCAVATION	CU YD	2,200	2,200			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3,510	3,510			
20800150	TRENCH BACKFILL	CU YD	15.5	15.5			
* 21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	21,060	21,060			
* 21101815	COMPOST FURNISH AND PLACE, 4"	SQYD	1,540	1,540			
* 25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75			
* 25000310	SEEDING, CLASS 4	ACRE	3.25	3.25			
* 25100115	MULCH, METHOD 2	ACRE	4.50	4.50			
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	72			
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	72	72			
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	72	72			
* 25100630	EROSION CONTROL BLANKET	SQ. YD	21,458	21,458			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	399	399			
28000300	TEMPORARY DITCH CHECKS	EACH	28	28			
28000510	INLET FILTERS	EACH	21	21			
28100105	STONE RIPRAP, CLASS A3	SQ YD	234	234			
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	4,785	4,785			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5.2	5.2			
40600895	CONSTRUCTING TEST STRIP	EACH	1	1			
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,446	1,446			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	482	482			
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ.YD	674	674			
50300300	PROTECTIVE COAT	SQ.YD	6,598	6,598			
* 51604000	DRILLED SHAFT IN ROCK	CU YD	184		184		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	10	10			
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	9	9			
542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	66	66			
55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	163	163			
55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	75	75			
55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	123	123			
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	5913	5913			
60109582	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	6127	6127			
60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	15	15			
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	25.0	25.0			

\*Specialty Items



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

SUMMARY OF QUANTITIES

SCALE: NONE  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	5
STA. 610+25.64		TO STA. 767+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		S00-02 OF 3		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE		
CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	NOISE WALL			
				Sta.610+25.64 to Sta. 767+00.00	Sta.610+25.64 to Sta. 767+00.00	100% State Non-Participating	
				I000	Y220		
* 63000005	STEEL PLATE BEAM GUARDRAIL, TYPE B	FOOT	4,075.0	4,075.0			
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2			
<del>* 63100085</del>	<del>TRAFFIC BARRIER TERMINAL, TYPE 6</del>	<del>EACH</del>	<del>1</del>	<del>1</del>			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	5	5			
63200310	GUARDRAIL REMOVAL	FOOT	3,723	3,723			
63700805	CONCRETE BARRIER TRANSITION	FOOT	75	75			
66410800	CHAIN LINK GATES REMOVAL	EACH	1	1			
66500105	WOVEN WIRE FENCE, 4'	FOOT	190	190			
66502000	WOVEN WIRE GATES, 4' X 24' DOUBLE	EACH	2	2			
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	10,136	10,136			
67100100	MOBILIZATION	L SUM	1	1			
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1			
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	3,900	3,900			
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	456	456			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,604	1,604			
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2			
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1			
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	3	3			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	119	119			
* 78003120	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"	FOOT	975	975			
* 78100300	REPLACEMENT REFLECTOR	EACH	86	86			
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	49	49			
* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	130	130			
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	406	406			
* A2000114	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10	10			
* A2002020	TREE, AESCULUS GLABRA (OHIO BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
* A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5			
* A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	10	10			
* A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	30	30			
* C2C06024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, CONTAINER	EACH	80	80			
* D2001560	EVERGREEN, JUNIPERUS VIRGINIANA (EASTERN RED CEDAR), 5' HEIGHT, BALLED AND BURLAPPED	EACH	60	60			
* E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	4,822	4,822			
* K0036120	MULCH PLACEMENT 4"	SQ YD	1,540	1,540			
X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	131,510		131,510		

\* Specialty Items

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 SUMMARY OF QUANTITIES

SCALE: NONE  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM



FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	6
STA. 610+25.64		TO STA. 767+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		S00-03 OF 3		

90% FED / 10% STATE

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				NOISE WALL		
				Sta.610+25.64 to Sta. 767+00.00	Sta.610+25.64 to Sta. 767+00.00	100% State Non-Participating
				I000	Y220	
X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SQ FT	122,970		122,970	
X0322050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	86	86		
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	54	54		
* X0322323	WEED CONTROL, TEASEL	GALLON	1	1		
* X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	91	91		
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	8,122	8,122		
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	1	1		
X0324700	WALL MOUNTED SIGN SUPPORT FOR TYPE I PANEL (SPECIAL)	EACH	3	3		
X0324774	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	555	555		
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	140	140		
X2010300	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	50	50		
63700159	CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT (SPECIAL)	FOOT	5,925	5,925		
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	18	18		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1		
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	360	360		
XX007763	TEMPORARY FENCE (SPECIAL)	FOOT	5,200	5,200		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
NP Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	12			12
Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Z0064800	SELECTIVE CLEARING	UNIT	27	27		
* Z0065000	SETTING PILES IN ROCK	EACH	200			200
o Z0076600	TRAINEES	HOUR	1,500	1,500		
X0326382	CONCRETE BARRIER BASE (SPECIAL)	FOOT	5,912	5,912		
X0326383	CATCH BASIN AND CONVEX GRATE (SPECIAL)	EACH	6	6		
X0326384	NOISE ABATEMENT EMERGENCY ACCESS GATE, GROUND MOUNTED	L SUM	1	1		

o Y080  
 \* Specialty Items  
 NP - Non-participating

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

SUMMARY OF QUANTITIES

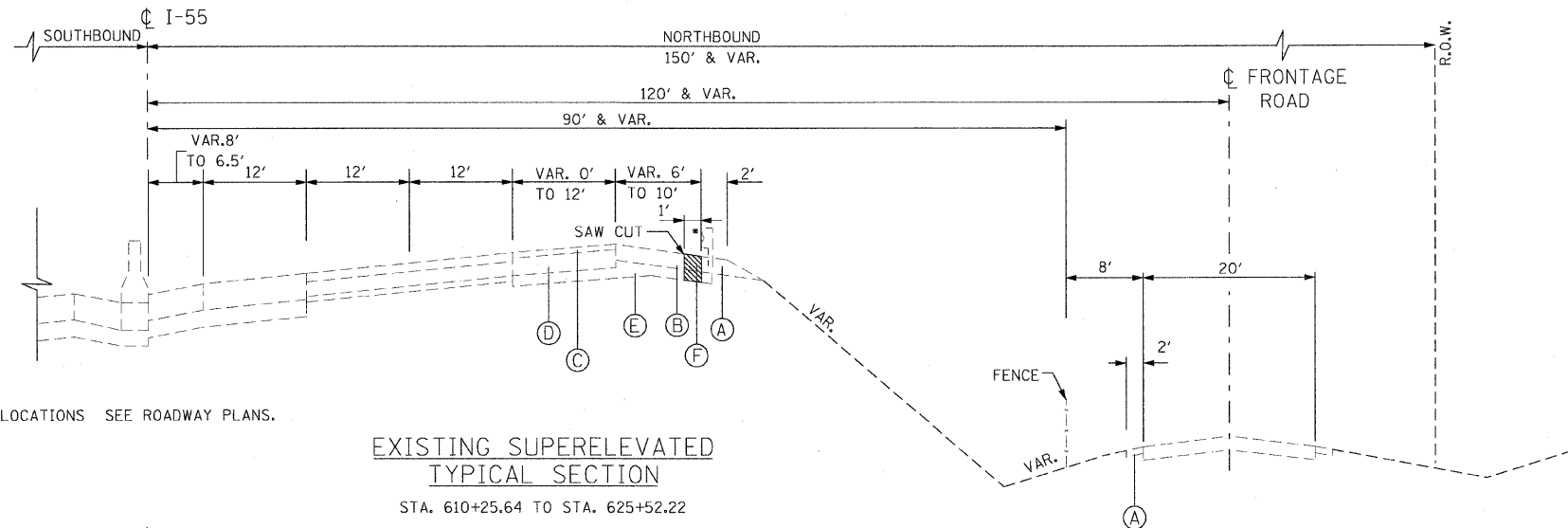
SCALE: NONE  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM



Rev.

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
TYP 01 OF 06				

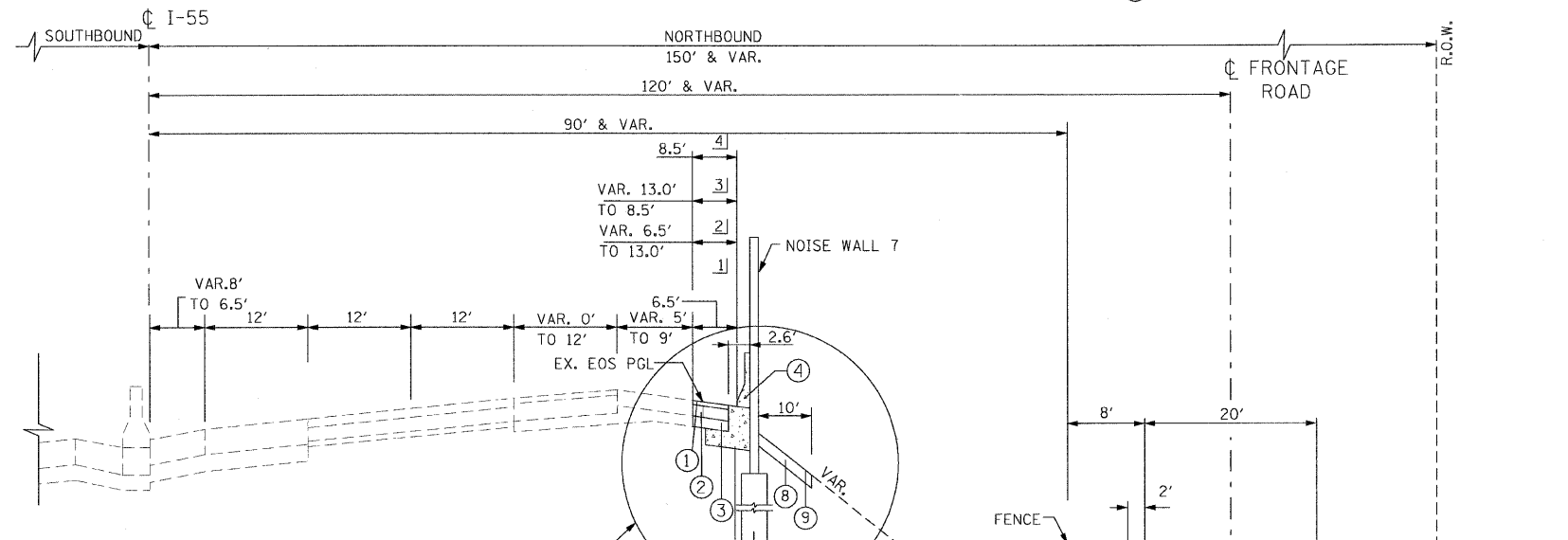
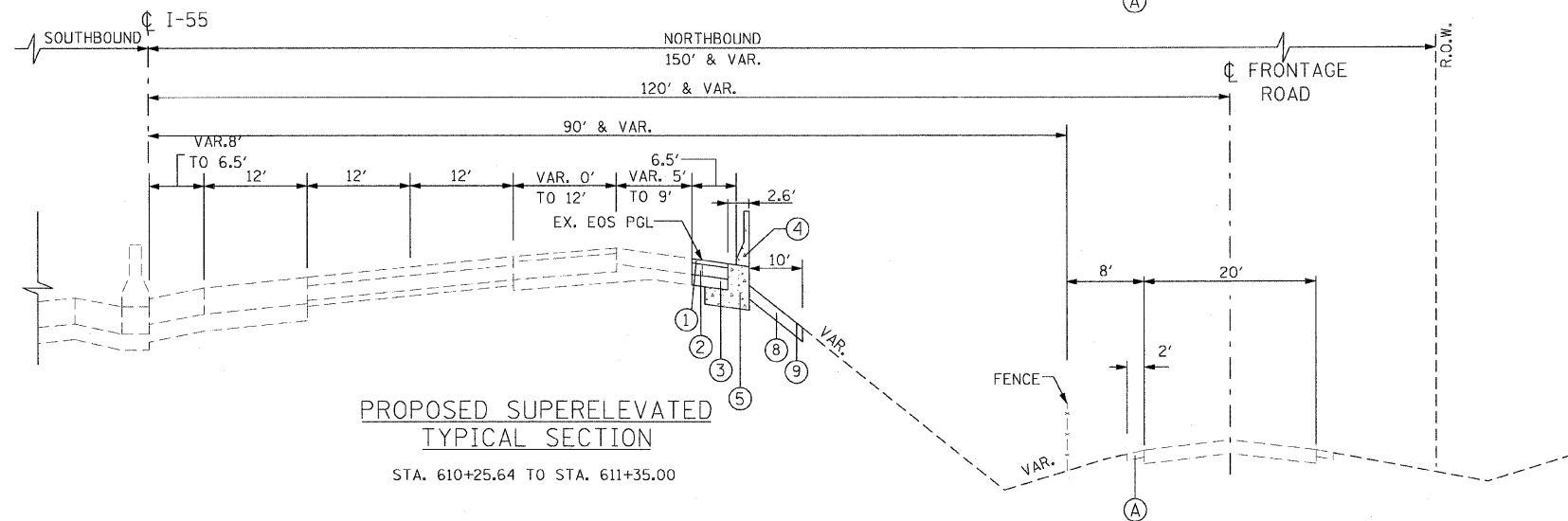
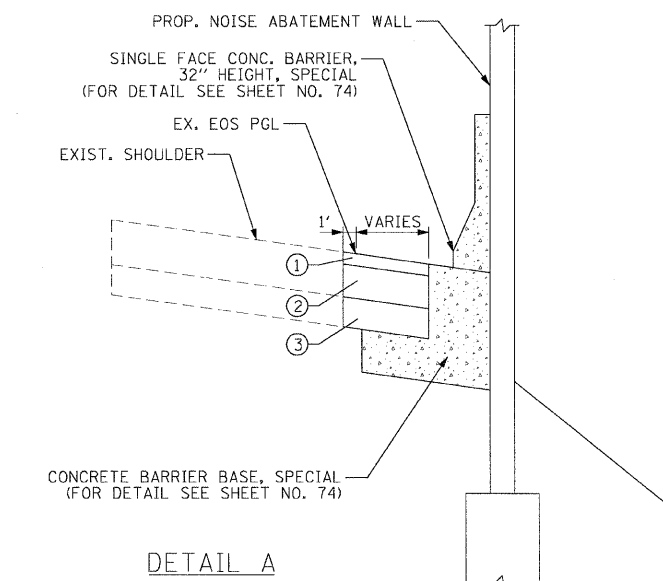


**EXISTING**

- (A) AGGREGATE SHOULDER
- (B) BITUMINOUS CONCRETE SHOULDER
- (C) POLYMERIZED BITUMINOUS CONCRETE PAVEMENT
- (D) P.C.C. BASE COURSE
- (E) SUB-BASE GRANULAR MATERIAL
- (F) BITUMINOUS SHOULDER REMOVAL

**PROPOSED**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, 1L-19, N70, 6"
- (3) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (4) CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT, SPECIAL
- (5) CONCRETE BARRIER BASE, SPECIAL
- (6) NOISE WALL DRILLED SHAFT
- (7) PROPOSED GUARDRAIL, TYPE B
- (8) TOPSOIL 6"
- (9) SEEDING, CLASS 4
- (10) SEEDING, CLASS 2A



- 1] STA. 611+35.00 TO STA. 620+50.00
- 2] STA. 620+50.00 TO STA. 622+82.33
- 3] STA. 622+82.33 TO STA. 624+88.03
- 4] STA. 624+88.03 TO STA. 625+52.22

**PROPOSED SUPERELEVATED TYPICAL SECTION**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
TYPICAL SECTIONS

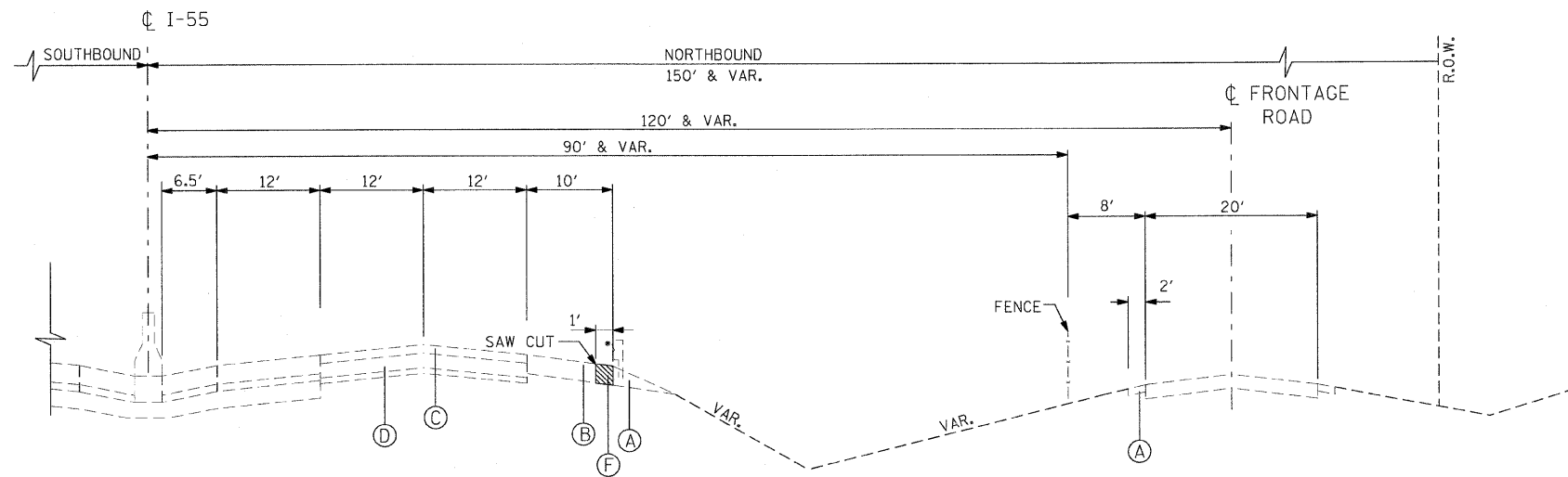
SCALE: NTS  
DATE: 6-12-09  
DRAWN BY: MMS  
CHECKED BY: DM



FINAL

\* FOR GUARDRAIL LOCATIONS SEE ROADWAY PLANS.

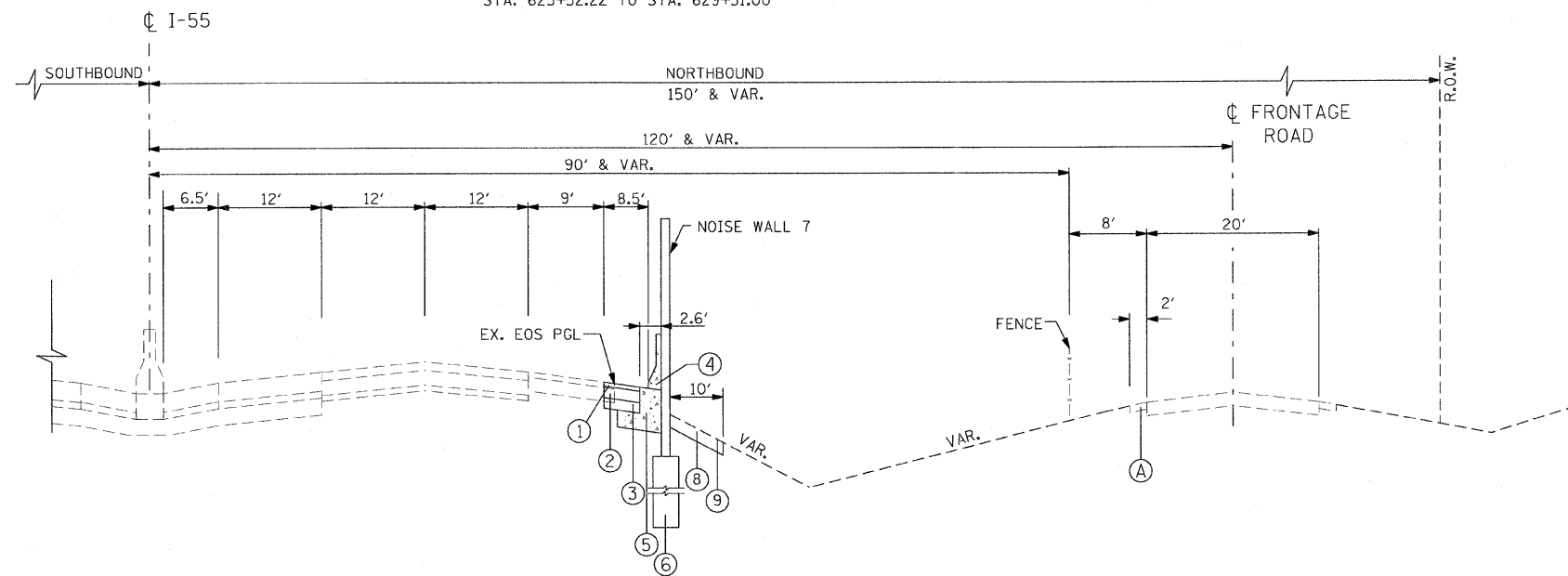
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		TYP 02 OF 06		



\* FOR GUARDRAIL LOCATIONS SEE ROADWAY PLANS.

**EXISTING TYPICAL SECTION**

STA. 625+52.22 TO STA. 629+51.00



**PROPOSED TYPICAL SECTION**

STA. 625+52.22 TO STA. 629+51.00

**EXISTING**

- (A) AGGREGATE SHOULDER
- (B) BITUMINOUS CONCRETE SHOULDER
- (C) POLYMERIZED BITUMINOUS CONCRETE PAVEMENT
- (D) P.C.C. BASE COURSE
- (E) SUB-BASE GRANULAR MATERIAL
- (F) BITUMINOUS SHOULDER REMOVAL

**PROPOSED**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 6"
- (3) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (4) CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT, SPECIAL
- (5) CONCRETE BARRIER BASE, SPECIAL
- (6) NOISE WALL DRILLED SHAFT
- (7) PROPOSED GUARDRAIL, TYPE B
- (8) TOPSOIL 6"
- (9) SEEDING, CLASS 4
- (10) SEEDING, CLASS 2A

**MIXTURE REQUIREMENTS**

APPLICATION (SEE TYPICAL SECTIONS)	MIXTURE TYPE	AC TYPE	AIR VOIDS
I-55 MAINLINE OUTSIDE SHOULDER RECONSTRUCTION	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", (IL-9.5mm)	PG 64-22	4% @ N70
I-55 MAINLINE OUTSIDE SHOULDER RECONSTRUCTION	HOT-MIX ASPHALT BINDER COURSE, IL-19	PG 64-22/•	4% @ N70

**WEIGHT NOTE:**

- 1) THE UNIT WEIGHT OF 112 LBS/SQ YD/ INCH THICKNESS WAS USED TO CALCULATE HOT-MIX ASPHALT MIXTURES.
- 2) • WHEN RAP EXCEEDS 20% THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 TYPICAL SECTIONS

SCALE: NTS  
 DATE: 2-06-09

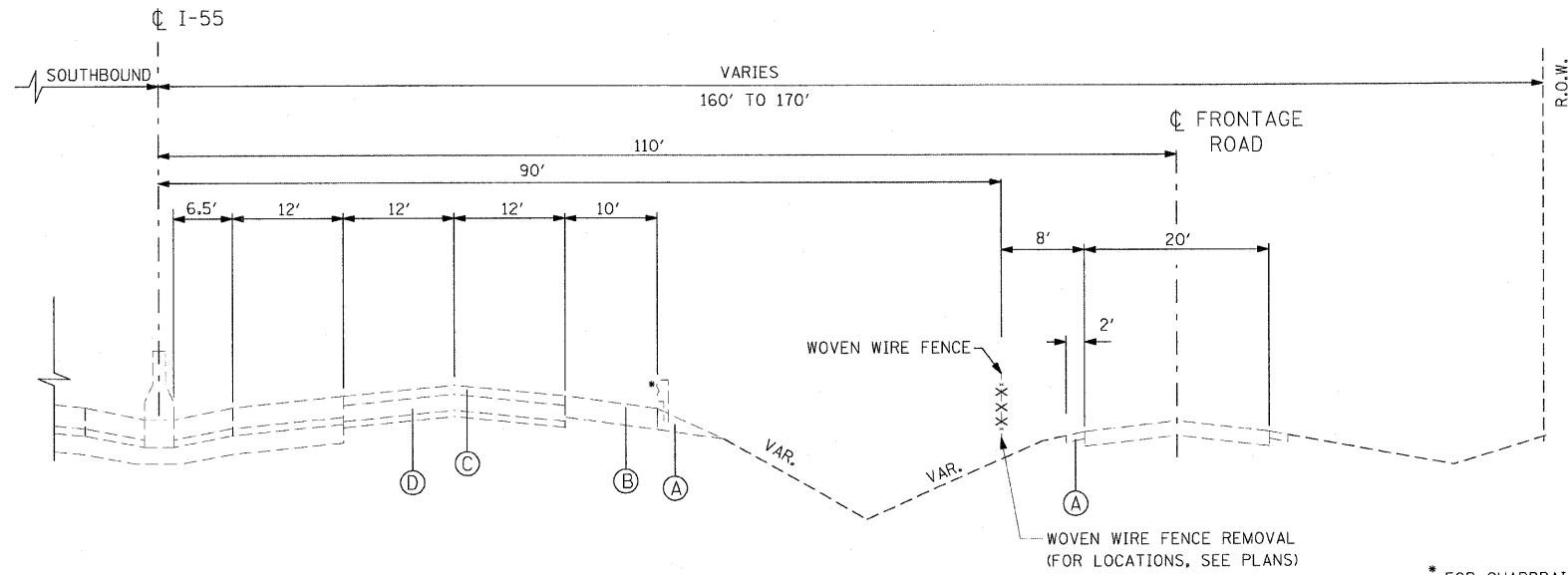
DRAWN BY: MMS  
 CHECKED BY: DM



FINAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
TYP 03 OF 06				



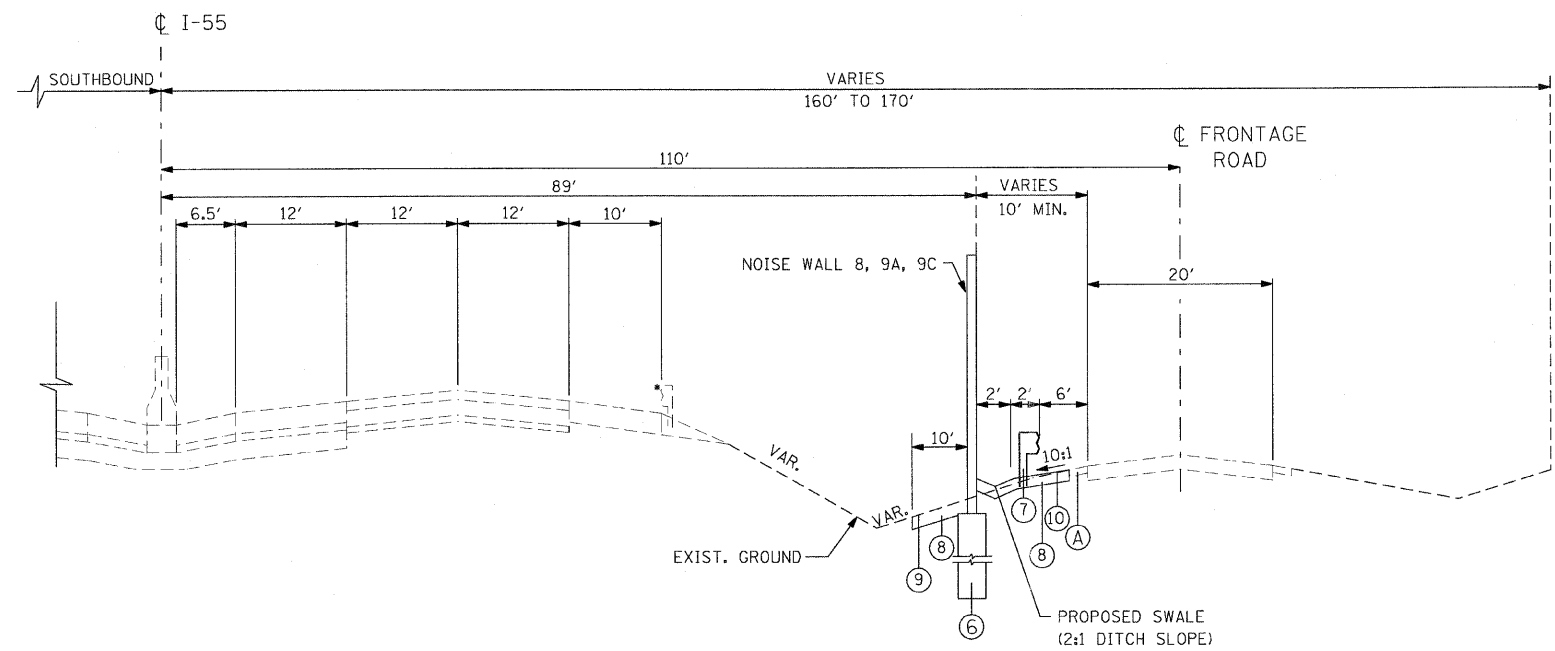
EXISTING

- (A) AGGREGATE SHOULDER
- (B) BITUMINOUS CONCRETE SHOULDER
- (C) POLYMERIZED BITUMINOUS CONCRETE PAVEMENT
- (D) P.C.C. BASE COURSE
- (E) SUB-BASE GRANULAR MATERIAL

\* FOR GUARDRAIL LOCATIONS SEE ROADWAY PLANS.

EXISTING TYPICAL SECTION

STA. 654+00.00 TO STA. 682+90.00 (8)  
 STA. 685+50.00 TO STA. 690+50.00 (9A)  
 STA. 728+00.00 TO STA. 737+50.00 (9C)



PROPOSED

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 6"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ④ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT, SPECIAL
- ⑤ CONCRETE BARRIER BASE, SPECIAL
- ⑥ NOISE WALL DRILLED SHAFT
- ⑦ PROPOSED GUARDRAIL, TYPE B
- ⑧ TOPSOIL 6"
- ⑨ SEEDING, CLASS 4
- ⑩ SEEDING, CLASS 2A

PROPOSED TYPICAL SECTION

STA. 654+00.00 TO STA. 682+90.00 (8)  
 STA. 685+50.00 TO STA. 690+50.00 (9A)  
 STA. 728+00.00 TO STA. 737+50.00 (9C)

REVISIONS	
NAME	DATE

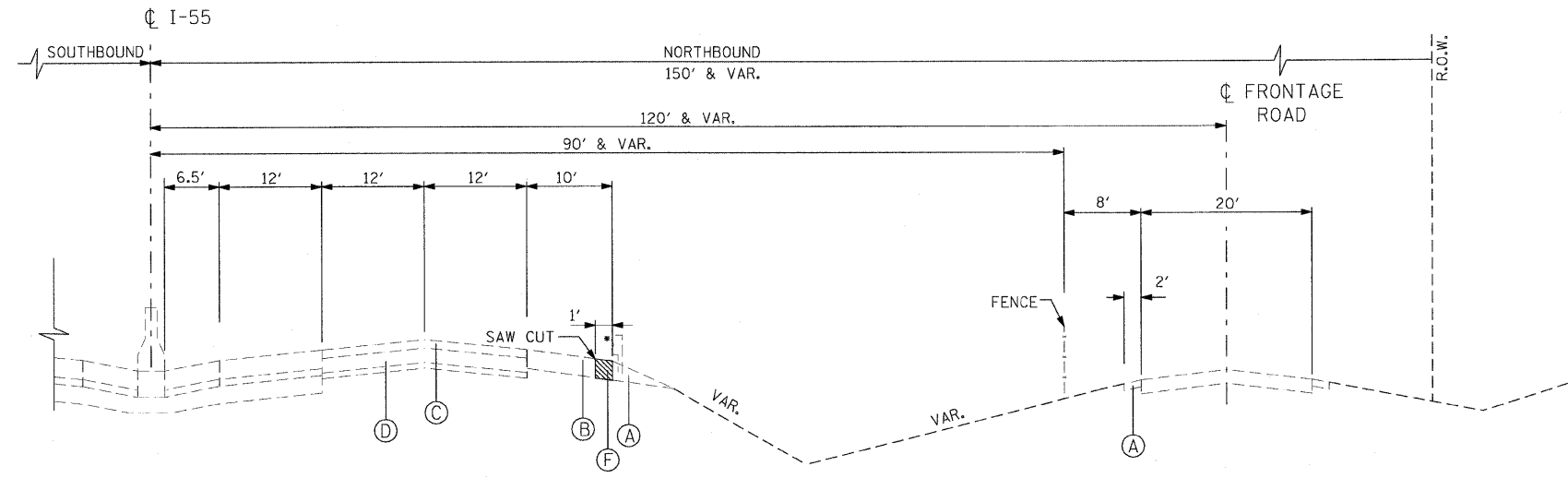
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 TYPICAL SECTIONS

SCALE: NTS  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
TYP 04 OF 06				



**EXISTING TYPICAL SECTION**

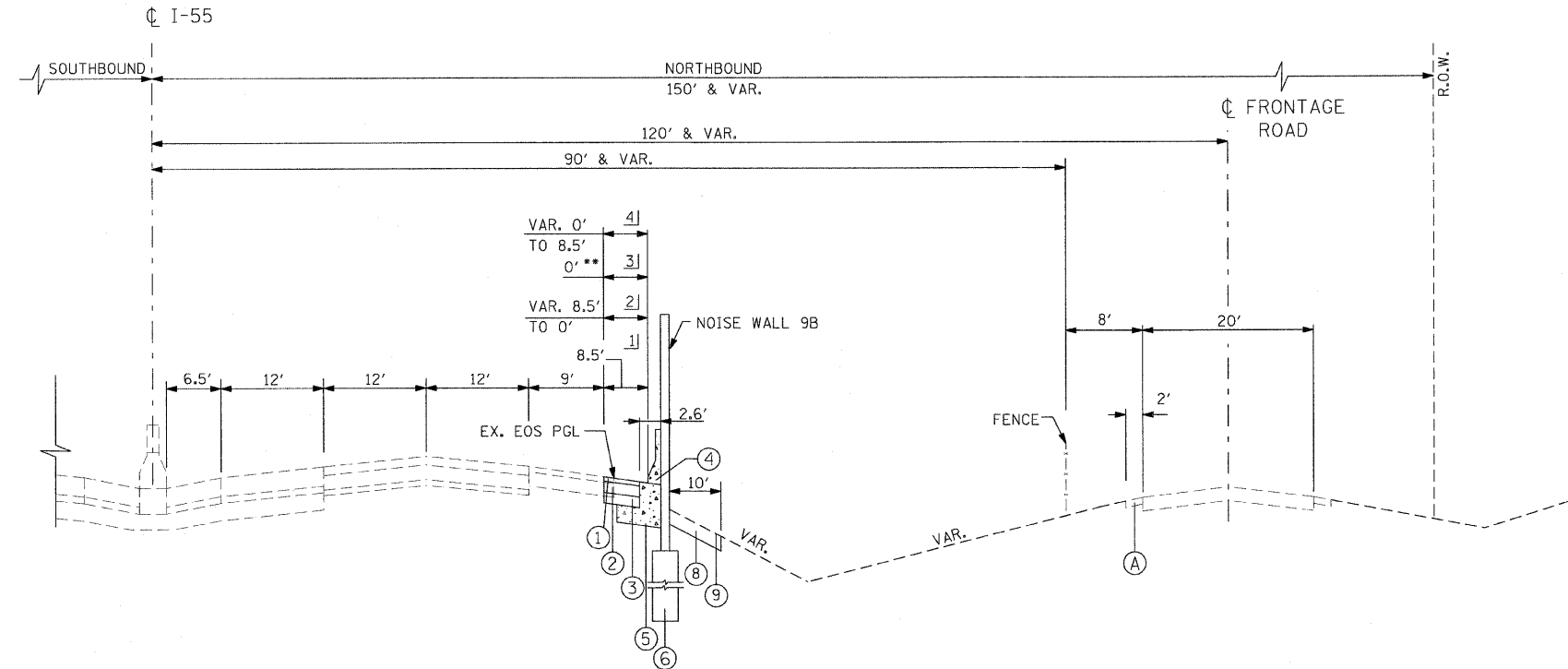
STA. 689+00.00 TO STA. 730+05.00

BRIDGE OMISSIONS:  
STA. 709+73.73 TO STA. 710+95.98 (NB)

\* FOR GUARDRAIL LOCATIONS SEE ROADWAY PLANS.

**EXISTING**

- (A) AGGREGATE SHOULDER
- (B) BITUMINOUS CONCRETE SHOULDER
- (C) POLYMERIZED BITUMINOUS CONCRETE PAVEMENT
- (D) P.C.C. BASE COURSE
- (E) SUB-BASE GRANULAR MATERIAL
- (F) BITUMINOUS SHOULDER REMOVAL



**PROPOSED TYPICAL SECTION**

STA. 689+00.00 TO STA. 730+05.00

\*\* FOR NOISE WALL DETAILS AT MATERIAL SERVICE RAILROAD BRIDGE (STA. 711+40.00 TO STA. 712+52.50) SEE STRUCTURAL PLANS.

**PROPOSED**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 6"
- (3) SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- (4) CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT, SPECIAL
- (5) CONCRETE BARRIER BASE, SPECIAL
- (6) NOISE WALL DRILLED SHAFT
- (7) PROPOSED GUARDRAIL, TYPE B
- (8) TOPSOIL 6"
- (9) SEEDING, CLASS 4
- (10) SEEDING, CLASS 2A

- 1] STA. 689+00.00 TO STA. 708+17.50  
STA. 712+52.50 TO STA. 730+05.00
- 2] STA. 708+17.50 TO STA. 709+30.00
- 3] STA. 711+40.00 TO STA. 712+52.50
- 4] STA. 712+52.50 TO STA. 625+52.22

BRIDGE OMISSIONS:  
STA. 709+73.73 TO STA. 710+95.98 (NB)

REVISIONS	
NAME	DATE

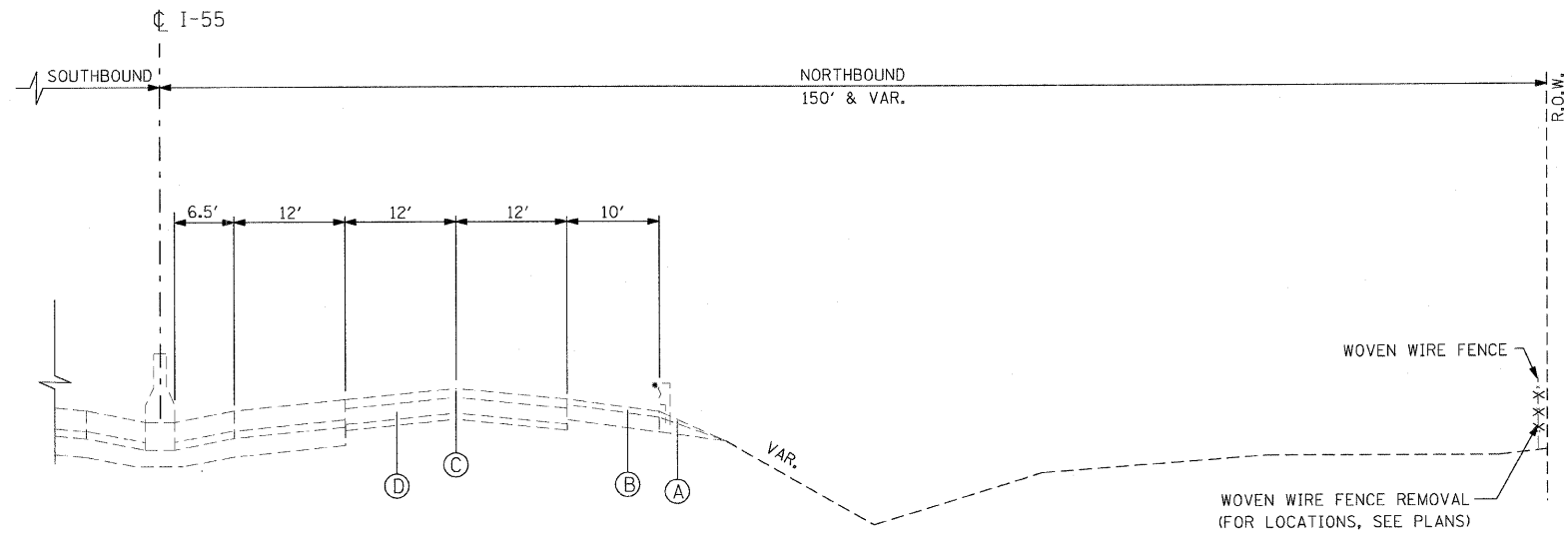
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
  
TYPICAL SECTIONS

SCALE: NTS  
DATE: 2-06-09

DRAWN BY: MMS  
CHECKED BY: DM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		TYP 05 OF 06		



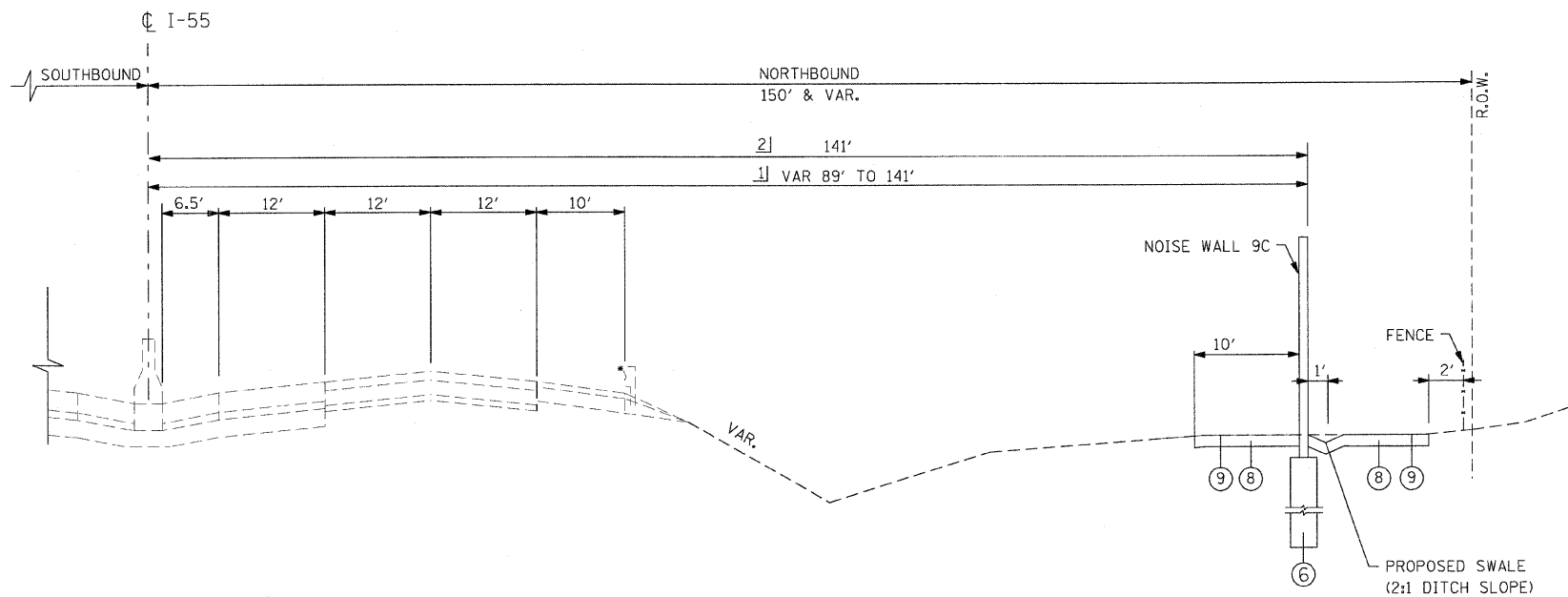
EXISTING

- (A) AGGREGATE SHOULDER
- (B) BITUMINOUS CONCRETE SHOULDER
- (C) POLYMERIZED BITUMINOUS CONCRETE PAVEMENT
- (D) P.C.C. BASE COURSE
- (E) SUB-BASE GRANULAR MATERIAL

\* FOR GUARDRAIL LOCATIONS SEE ROADWAY PLANS.

EXISTING TYPICAL SECTION

STA. 737+50.00 TO STA. 767+00.00



PROPOSED

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 6"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ④ CONCRETE BARRIER, SINGLE FACE, 32" HEIGHT, SPECIAL
- ⑤ CONCRETE BARRIER BASE, SPECIAL
- ⑥ NOISE WALL DRILLED SHAFT
- ⑦ PROPOSED GUARDRAIL, TYPE B
- ⑧ TOPSOIL 6"
- ⑨ SEEDING, CLASS 4
- ⑩ SEEDING, CLASS 2A

PROPOSED TYPICAL SECTION

STA. 737+50.00 TO STA. 767+00.00

- 1) STA. 737+50.00 TO STA. 739+35.00
- 2) STA. 739+35.00 TO STA. 767+00.00

REVISIONS	
NAME	DATE

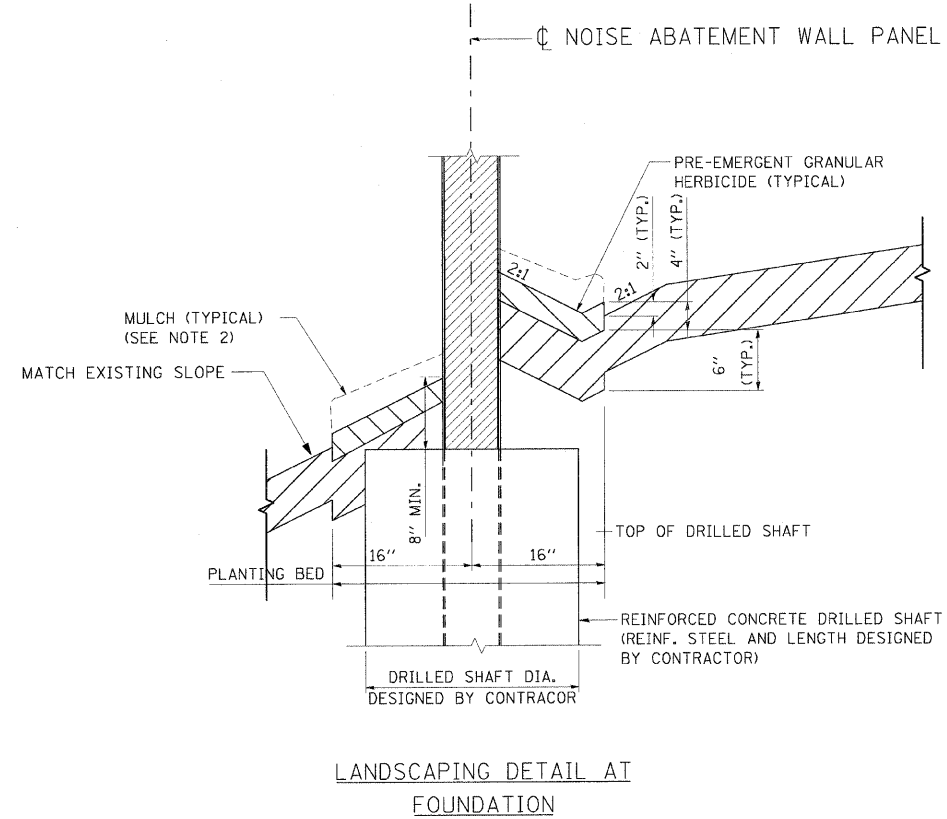
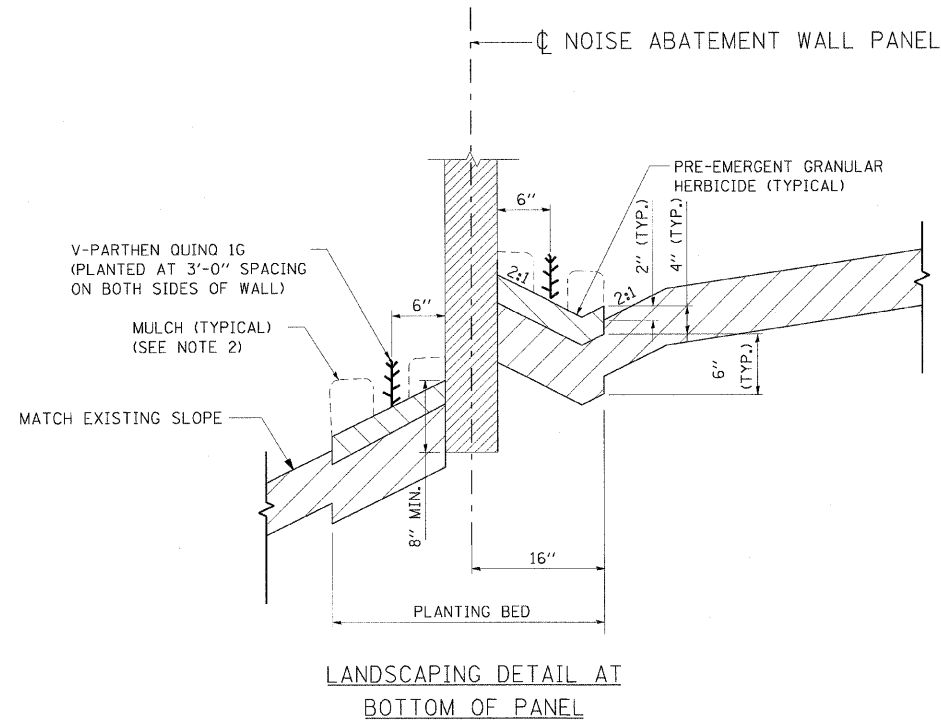
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 TYPICAL SECTIONS

SCALE: NTS  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		TYP 06 OF 06		



**NOTES**

1. COMPOST SHOWN PRIOR TO INCORPORATION INTO TOPSOIL BY TILLING.
2. MULCH SHALL BE PLACED TO COVER THE ENTIRE PLANTING BED EXCEPT AT VINE LOCATIONS.

**LEGEND**

- TOPSOIL FURNISH AND PLACE, 6"
- COMPOST FURNISH AND PLACE, 4" (SEE NOTE 1)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 TYPICAL SECTIONS  
 LANDSCAPING DETAILS

SCALE: NTS  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) I-2	WILL	147	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCHEDULE -01 OF 03				

LOCATION	FROM STATION	WIDTH (IN)	TO STATION	WIDTH (IN)	SQ YD
WALL 7	610+25.64	16	629+51.00	16	285
WALL 8	654+00.00	16	682+90.00	16	428
WALL 9A	685+50.00	16	690+50.00	16	74
WALL 9B	689+00.00	16	730+05.00	16	608
WALL 9C	728+00.00	16	737+50.00	16	141

TOTAL: 1,540

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	ACRE
WALL 7	610+25.64	RT	629+51.00	RT	0.00
WALL 8	654+00.00	RT	682+90.00	RT	0.53
WALL 9A	685+50.00	RT	690+50.00	RT	0.10
WALL 9B	689+00.00	RT	730+05.00	RT	0.00
WALL 9C	728+00.00	RT	767+00.00	RT	0.17

TOTAL: 0.75

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	ACRE
WALL 7	610+25.64	RT	629+51.00	RT	0.44
WALL 8	654+00.00	RT	682+90.00	RT	0.72
WALL 9A	685+50.00	RT	690+50.00	RT	0.11
WALL 9B	689+00.00	RT	730+05.00	RT	0.96
WALL 9C	728+00.00	RT	767+00.00	RT	1.10

TOTAL: 3.25

LOCATION	STATION	OFFSET	EACH
WALL 7	622+44.68	81' RT	
	624+93.00	74' RT	
	627+30.95	79' RT	
	629+62.00	75' RT	
WALL 8	654+91.34	74' RT	
	660+26.08	80' RT	
	666+30.92	75' RT	
	667+01.65	75' RT	
	676+01.65	75' RT	
	679+08.95	79' RT	
	680+21.33	74' RT	
WALL 9A	681+22.15	71' RT	
	684+95.00	67' RT	
	693+17.52	81' RT	
	694+79.34	80' RT	
	696+34.55	82' RT	
	699+84.15	82' RT	
	706+70.30	100' RT	
	713+00.13	98' RT	
	715+14.35	91' RT	
	719+25.26	84' RT	
WALL 9C	720+52.41	77' RT	
	722+32.74	80' RT	
	723+51.59	80' RT	
	724+34.92	81' RT	
	729+04.16	82' RT	
	732+17.99	82' RT	
	734+39.87	80' RT	

TOTAL: 28

LOCATION	STATION	OFFSET	EACH		
WALL 7	621+99.00	57' RT			
	624+46.75	53' RT			
	626+98.00	52' RT			
	629+48.00	52' RT			
	669+97.29	95' RT			
	675+97.55	95' RT			
	WALL 8	689+06.48		50' RT	
		691+46.70		50' RT	
		693+98.19		50' RT	
		696+50.47		50' RT	
699+02.94		52' RT			
701+42.57		50' RT			
721+67.06		50' RT			
724+06.62		50' RT			
726+34.84		50' RT			
726+46.71		50' RT			
WALL 9C	726+59.23	50' RT			
	729+01.23	94' RT			
	733+02.37	95' RT			
	742+00.00	95' RT			
	752+87.00	95' RT			

TOTAL: 21

LOCATION	STATION	OFFSET	WIDTH (FT)	LENGTH (FT)	SQ YD	
WALL 7	622+09.00	57' RT	6	24	16.00	
	624+46.75	53' RT	6	18	12.00	
	626+98.00	52' RT	6	20	13.33	
	628+76.00	52' RT	6	16	10.67	
WALL 8	669+97.29	95' RT	6	10	6.67	
	675+97.55	95' RT	6	10	6.67	
	689+06.48	50' RT	6	15	10.00	
	691+46.70	50' RT	6	20	13.33	
WALL 9B	693+98.19	50' RT	6	20	13.33	
	696+50.47	50' RT	6	22	14.67	
	699+02.94	52' RT	6	24	16.00	
	701+42.57	52' RT	6	31	20.67	
	721+67.06	50' RT	6	21	14.00	
	724+06.62	50' RT	6	20	13.33	
	726+46.71	50' RT	6	20	13.33	
	WALL 9C	729+01.23	94' RT	6	10	6.67
		730+02.37	94' RT	6	10	6.67
		742+00.00	95' RT	6	10	6.67
752+87.00		95' RT	6	10	6.67	
764+00.00	140' RT	6	20	13.33		

TOTAL: 234

LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	SQ YD
I-55 WALL 7	610+25.64	5.1	RT	620+50.00	5.1	RT	781
	620+50.00	5.1	RT	622+82.17	11.6	RT	281
	622+82.17	11.6	RT	624+88.03	7.1	RT	260
	624+88.03	7.1	RT	629+51.00	7.1	RT	367
I-55 WALL 9B	688+60.00	7.1	RT	708+20.73	7.1	RT	1,552
	708+20.73	7.1	RT	709+40.36	1.0	RT	67
I-55 WALL 9C	709+40.36	1.0	RT	709+44.73	1.0	RT	1
	711+24.98	1.0	RT	711+29.35	1.0	RT	1
	711+29.35	1.0	RT	712+49.09	7.1	RT	67
	712+49.09	7.1	RT	730+05.00	7.1	RT	1,390

TOTAL: 4,785

LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	TON
I-55 WALL 7	610+25.64	5.1	RT	620+50.00	5.1	RT	0.4
	620+50.00	5.1	RT	622+82.17	11.6	RT	0.2
	622+82.17	11.6	RT	624+88.03	7.1	RT	0.2
	624+88.03	7.1	RT	629+51.00	7.1	RT	0.3
I-55 WALL 9B	688+60.00	7.1	RT	708+20.62	7.1	RT	1.2
	708+20.62	7.1	RT	709+40.36	1.0	RT	0.0
	711+29.35	1.0	RT	712+49.09	7.1	RT	0.0
	712+49.09	7.1	RT	730+05.00	7.1	RT	1.1
I-55 WALL 7	610+25.64	5.1	RT	620+50.00	5.1	RT	0.2
	620+50.00	5.1	RT	622+82.17	11.6	RT	0.1
	622+82.17	11.6	RT	624+88.03	7.1	RT	0.1
	624+88.03	7.1	RT	629+51.00	7.1	RT	0.1
I-55 WALL 9B	688+60.00	7.1	RT	708+20.62	7.1	RT	0.6
	708+20.62	7.1	RT	709+40.36	1.0	RT	0.0
	711+29.35	1.0	RT	712+49.09	7.1	RT	0.0
	712+49.09	7.1	RT	730+05.00	7.1	RT	0.6

TOTAL: 5.2

LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	TON
I-55 WALL 7	610+25.64	5.1	RT	620+50.00	5.1	RT	160
	620+50.00	5.1	RT	622+82.17	11.6	RT	71
	622+82.17	11.6	RT	624+88.03	7.1	RT	67
	624+88.03	7.1	RT	629+51.00	7.1	RT	123
I-55 WALL 9B	688+60.00	7.1	RT	708+20.73	7.1	RT	522
	708+20.73	7.1	RT	709+40.36	1.0	RT	18
	711+26.35	1.0	RT	712+48.98	7.1	RT	18
	712+48.98	7.1	RT	730+05.00	7.1	RT	467

TOTAL: 1,446

LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	TON
I-55 WALL 7	610+25.64	5.1	RT	620+50.00	5.1	RT	53
	620+50.00	5.1	RT	622+82.17	11.6	RT	24
	622+82.17	11.6	RT	624+88.03	7.1	RT	22
I-55 WALL 9B	624+88.03	7.1	RT	629+51.00	7.1	RT	41
	688+60.00	7.1	RT	708+20.73	7.1	RT	174
	708+20.73	7.1	RT	709+40.36	1.0	RT	6
	711+29.36	1.0	RT	712+48.98	7.1	RT	6
	712+48.98	7.1	RT	730+05.00	7.1	RT	156

TOTAL: 482

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 8	653+30.00	93.0' RT	681+92.50	115.56' RT	2862.5
WALL 9A	687+28.25	100' RT	691+90.75	93.0' RT	462.5
WALL 9C	727+31.70	93.0' RT	734+81.70	93.0' RT	750.0

TOTAL: 4075.0

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
I-55	610+16.27	RT	620+03.68	RT	987
	627+55.49	RT	629+91.36	RT	236
	698+91.36	RT	709+65.59	RT	1,074
	711+06.13	RT	725+31.28	RT	1,425

TOTAL: 3,723

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 9B	709+38.23	53.67' RT	709+63.23	53.75' RT	25
WALL 7	711+06.48	53.75' RT	711+31.48	53.67' RT	25
	629+63.84	56.8' RT	629+88.64	56.80' RT	25

TOTAL: 75

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 7	610+25.64	RT	611+35.00	RT	110
	610+25.64	RT	610+25.64	RT	10
FRONTAGE ROAD-WALL 8	652+60.00	RT	654+00.00	RT	140
FRONTAGE ROAD-WALL 9A	682+90.00	RT	683+10.00	RT	20
	685+30.00	RT	685+50.00	RT	20
FRONTAGE ROAD-WALL 9C	737+35.00	RT	737+35.00	RT	10

TOTAL 310



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAIRROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

SCHEDULE OF QUANTITIES

SCALE: \_\_\_\_\_ DRAWN BY: MMS  
 DATE: 6-12-09 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		SCHEDULE-02 OF 03		

66502300 WOVEN WIRE FENCE REMOVAL

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 7	610+00.00	RT	630+00.00	RT	2,000
FRONTAGE ROAD-WALL 8	652+80.00	RT	682+90.00	RT	3,010
FRONTAGE	685+50.00	RT	686+43.00	RT	93
	686+87.00	RT	709+65.00	RT	2,278
FRONTAGE ROAD-WALL 9B	711+00.00	RT	728+00.00	RT	1,700
FRONTAGE ROAD-WALL 9C	726+80.00	RT	737+35.00	RT	1,055
TOTAL					10,136

XX007763 TEMPORARY FENCE (SPECIAL)

LOCATION	FROM STATION	TO STATION	FOOT
WALL 8	652+00.00	684+00.00	3,200
WALL 9A	684+50.00	692+50.00	800
WALL 9C	726+50.00	738+50.00	1,200
TOTAL:			5,200

Z0018500 DRAINAGE STRUCTURES TO BE CLEANED

LOCATION	STATION	OFFSET	EACH
I-55	668+28.00	0' RT	1
	668+28.00	105' RT	1
	685+32.00	69' RT	1
	686+66.00	79' RT	1
	693+77.00	0' RT	1
	693+77.00	108' RT	1
	701+53.00	0' RT	1
	701+53.00	106' RT	1
	709+56.00	80' RT	1
	711+09.00	80' RT	1
721+56.00	0' RT	1	
721+56.00	102' RT	1	
TOTAL:			12

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	FOOT
I-55 WALL 7	610+25.64	5.5	RT	620+50.00	5.5	RT	16
	620+50.00	5.5	RT	622+87.17	12.0	RT	6
	622+87.17	12.0	RT	624+88.03	7.5	RT	6
	624+88.03	7.5	RT	629+51.00	7.5	RT	10
I-55 WALL 9B	688+60.00	7.5	RT	708+20.62	7.5	RT	42
	708+20.62	7.5	RT	709+38.23	1.4	RT	1
	711+31.48	1.4	RT	712+49.09	7.5	RT	1
	712+49.09	7.5	RT	730+05.00	7.5	RT	37
TOTAL:							119

CONCRETE BARRIER BASE, SPECIAL

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
I-55 WALL 7	610+25.64	67.5' RT	620+50.00	67.5' RT	1,042
	620+50.00	67.5' RT	624+88.03	61.5' RT	445
	624+88.03	61.5' RT	629+51.00	61.5' RT	463
I-55 WALL 9B	689+00.00	61.5' RT	708+20.62	61.5' RT	1,921
	708+20.62	61.5' RT	709+38.23	53.67' RT	118
	709+38.23	53.67' RT	709+63.23	53.67' RT	25
	711+06.48	53.67' RT	711+31.48	53.67' RT	25
	711+31.48	53.67' RT	712+49.09	61.50' RT	118
	712+49.09	61.5' RT	730+05.00	61.5' RT	1,756
	TOTAL:				

E20200G1 VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	EACH
I-55 WALL 8	654+00.00	RT	682+90.00	RT	1,928
WALL 9A	685+50.00	RT	690+50.00	RT	314
WALL 9C	728+00.00	RT	767+00.00	RT	2,580
TOTAL:					4,822

X0323973 SEDIMENT CONTROL, SILT FENCE

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 7	621+79.00	78' RT	629+26.00	72' RT	1917
WALL 8	654+00.00	85' RT	682+00.00	71' RT	2754
WALL 9A	685+30.00	99' RT	690+50.00	84' RT	533
WALL 9B	689+00.00	77' RT	702+00.00	81' RT	1365
WALL 9B	720+77.00	75' RT	727+00.00	79' RT	620
WALL 9C	728+00.00	82' RT	737+32	75' RT	933
TOTAL:					8,122

X6370912 CONCRETE BARRIER, SINGLE FACE, 32 INCH HEIGHT, SPECIAL

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
I-55 WALL 7	610+25.64	67.5' RT	620+50.00	67.5' RT	1,042
	620+50.00	67.5' RT	624+88.03	61.5' RT	445
	624+88.03	61.5' RT	628+76.00	61.5' RT	388
	628+76.00	61.5' RT	629+51.00	56.8' RT	75
	629+51.00	56.8' RT	629+63.84	56.8' RT	13
I-55 WALL 9B	689+00.00	61.5' RT	708+20.62	61.5' RT	1,921
	708+20.62	61.5' RT	709+38.23	53.67' RT	118
	709+38.23	53.67' RT	709+63.23	53.67' RT	25
	711+06.48	53.67' RT	711+31.48	53.67' RT	25
	711+31.48	53.67' RT	712+49.09	61.50' RT	118
	712+49.09	61.5' RT	730+05.74	61.5' RT	1,757
	TOTAL:				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD

SCHEDULE OF QUANTITIES

SCALE:  
DATE: 6-12-09

DRAWN BY: MMS  
CHECKED BY: DM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
SCHEDULE-03 OF 03				

70300520 PAVEMENT MARKING TAPE, TYPE III 4"

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 7	595+25.30	44' RT	605+25.30	32'RT	1,000
	605+25.30	44' RT	608+25.30	44' RT	300
WALL 9B	674+00.00	44' RT	684+00.00	32'RT	1,000
	684+00.00	32'RT	687+00.00	32'RT	300
WALL 9B	699+00.00	44' RT	709+00.00	32'RT	1,000
	709+00.00	32'RT	712+00.00	32'RT	300
TOTAL:					3,900

78300100 PAVEMENT MARKING REMOVAL

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	LENGTH	SQ FT
WALL 7	595+25.30	32' RT	605+25.30	32'RT	250.00	104
	605+25.30	44' RT	608+25.30	44' RT	75.00	31
WALL 9B	674+00.00	32' RT	687+00.00	32' RT	325.00	135
WALL 9B	699+00.00	32' RT	712+00.00	32' RT	325.00	135
TOTAL:						406

70300550 PAVEMENT MARKING TAPE, TYPE III 8"

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 7	602+97.40	44' RT	605+25.30	32'RT	228
	602+97.40	62' RT	605+25.30	44' RT	228
TOTAL:					456

X0322050 RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	SQ FT
WALL 7	595+25.30	32' RT	605+25.30	32'RT	26
	605+25.30	44' RT	608+25.30	44' RT	8
WALL 9B	674+00.00	32' RT	684+00.00	32' RT	26
WALL 9B	699+00.00	32' RT	709+00.00	32' RT	26
TOTAL:					86

78003120 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5"

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
WALL 7	595+25.30	32' RT	605+25.30	32'RT	250
	605+25.30	44' RT	608+25.30	44' RT	75
WALL 9B	674+00.00	32' RT	687+00.00	32' RT	325
WALL 9B	699+00.00	32' RT	712+00.00	32' RT	325
TOTAL:					975

78100300 REPLACEMENT REFLECTOR

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	EACH
WALL 7	595+25.30	32' RT	605+25.30	32'RT	26
	605+25.30	44' RT	608+25.30	44' RT	8
WALL 9B	674+00.00	32' RT	684+00.00	32' RT	26
WALL 9B	699+00.00	32' RT	709+00.00	32' RT	26
TOTAL:					86

NOTE:

THE SCHEDULES INDICATED ON THIS SHEET ADDRESS MOT PAVEMENT MARKING ITEMS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD

SCHEDULE OF QUANTITIES

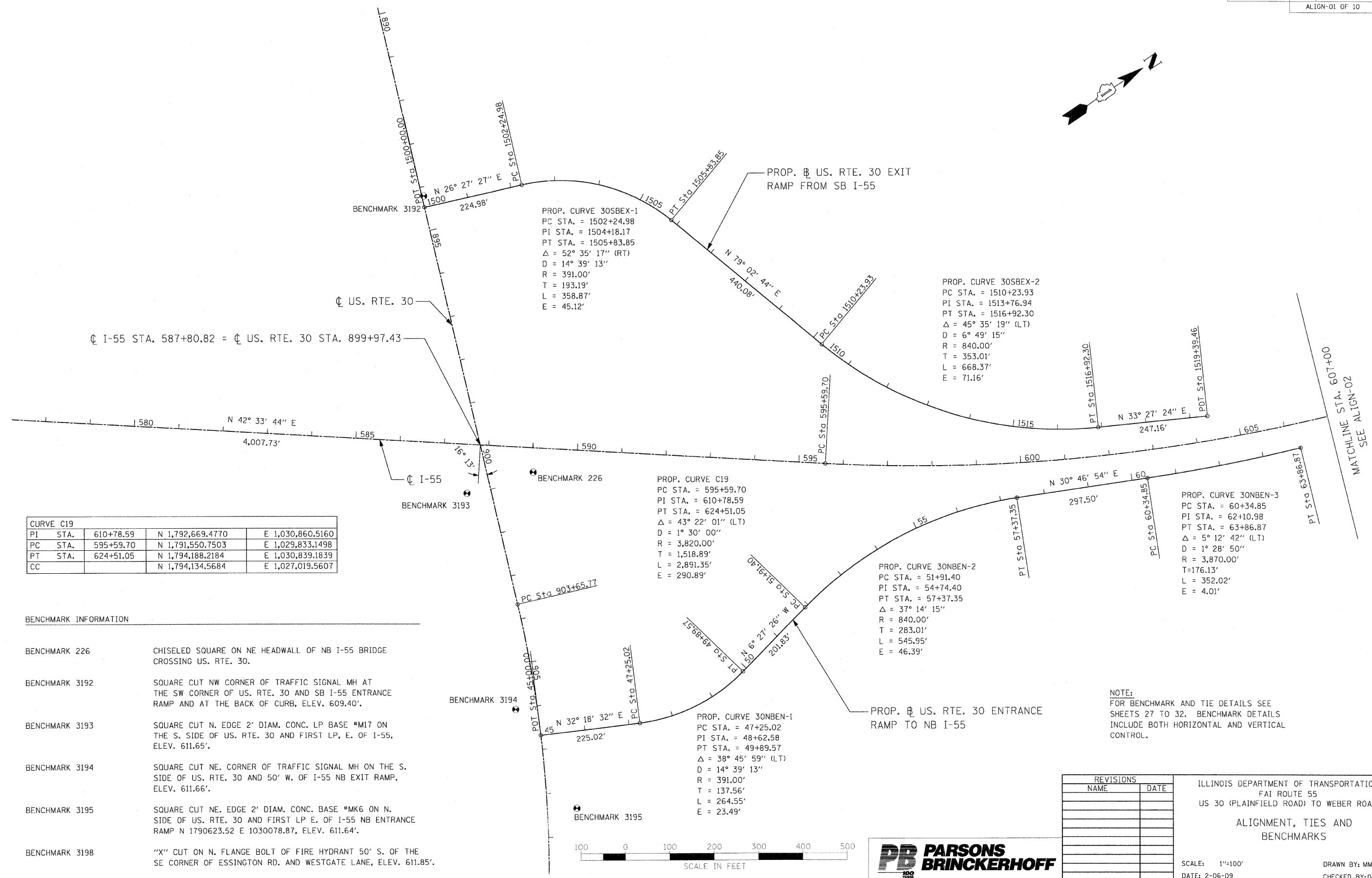
SCALE:  
DATE: 2-06-09

DRAWN BY: MMS  
CHECKED BY: DM



FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	16
STA.	577+00	TO STA.	607+00	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	ALIGN-01 OF 10	



CURVE C19			
PI STA.	610+78.59	N 1,792,669.4770	E 1,030,860.5160
PC STA.	595+59.70	N 1,791,550.7503	E 1,029,833.1498
PT STA.	624+51.05	N 1,794,188.2184	E 1,030,839.1839
CC		N 1,794,134.5684	E 1,027,019.5607

**BENCHMARK INFORMATION**

BENCHMARK 226	CHISELED SQUARE ON NE HEADWALL OF NB I-55 BRIDGE CROSSING US. RTE. 30.
BENCHMARK 3192	SQUARE CUT NW CORNER OF TRAFFIC SIGNAL MH AT THE SW CORNER OF US. RTE. 30 AND SB I-55 ENTRANCE RAMP AND AT THE BACK OF CURB, ELEV. 609.40'.
BENCHMARK 3193	SQUARE CUT N. EDGE 2' DIAM. CONC. LP BASE #M17 ON THE S. SIDE OF US. RTE. 30 AND FIRST LP, E. OF I-55, ELEV. 611.65'.
BENCHMARK 3194	SQUARE CUT NE. CORNER OF TRAFFIC SIGNAL MH ON THE S. SIDE OF US. RTE. 30 AND 50' W. OF I-55 NB EXIT RAMP, ELEV. 611.66'.
BENCHMARK 3195	SQUARE CUT NE. EDGE 2' DIAM. CONC. BASE #MK6 ON N. SIDE OF US. RTE. 30 AND FIRST LP E. OF I-55 NB ENTRANCE RAMP N 1790623.52 E 1030078.87, ELEV. 611.64'.
BENCHMARK 3198	"X" CUT ON N. FLANGE BOLT OF FIRE HYDRANT 50' S. OF THE SE CORNER OF ESSINGTON RD. AND WESTGATE LANE, ELEV. 611.85'.

NOTE:  
 FOR BENCHMARK AND TIE DETAILS SEE SHEETS 27 TO 32. BENCHMARK DETAILS INCLUDE BOTH HORIZONTAL AND VERTICAL CONTROL.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 ALIGNMENT, TIES AND BENCHMARKS

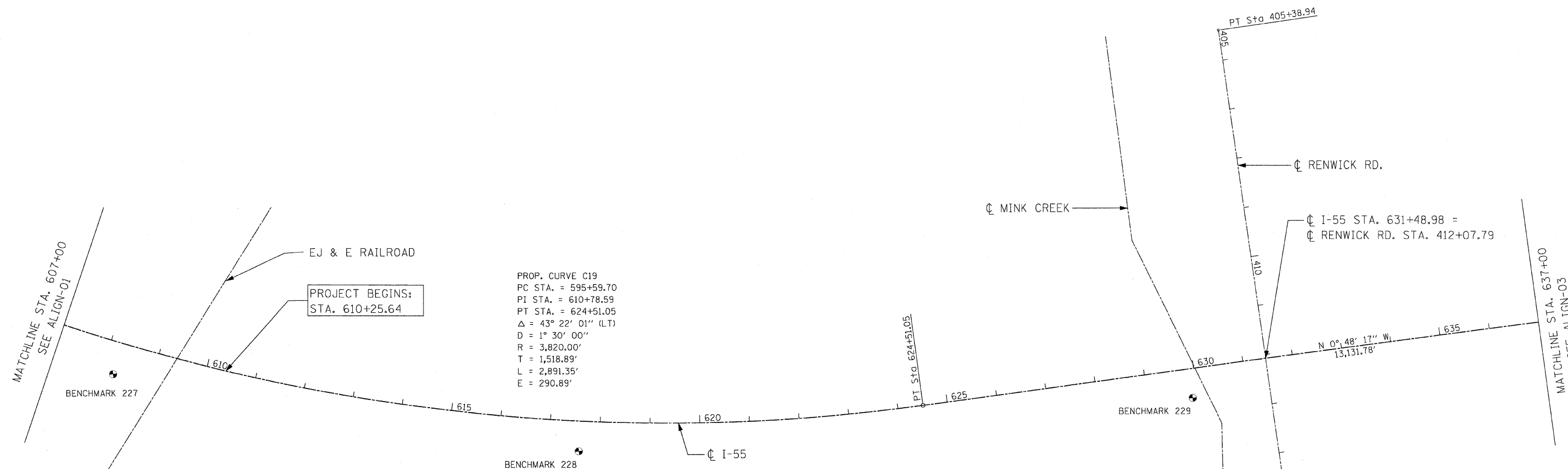
SCALE: 1"=100'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

FINAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	17
STA. 607+00 TO STA. 637+00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. 1		ALIGN-02 OF 10		



PROP. CURVE C19  
 PC STA. = 595+59.70  
 PI STA. = 610+78.59  
 PT STA. = 624+51.05  
 $\Delta = 43^\circ 22' 01''$  (LT)  
 $D = 1^\circ 30' 00''$   
 $R = 3,820.00'$   
 $T = 1,518.89'$   
 $L = 2,891.35'$   
 $E = 290.89'$

PROJECT BEGINS:  
 STA. 610+25.64

CURVE C19			
PI STA.	610+78.59	N 1,792,669.4770	E 1,030,860.5160
PC STA.	595+59.70	N 1,791,550.7503	E 1,029,833.1498
PT STA.	624+51.05	N 1,794,188.2184	E 1,030,839.1839
CC		N 1,794,134.5684	E 1,027,019.5607

BENCHMARK INFORMATION

BENCHMARK 227	CHISELED SQUARE ON SW HEADWALL OF NB I-55 BRIDGE CROSSING R.R. TRACKS NORTH OF US. RTE. 30 +/- 2050' .
BENCHMARK 228	SET REBAR +/- 5' SE OF EXISTING PAVEMENT.
BENCHMARK 229	CHISELED SQUARE ON SE HEADWALL OF NB I-55 BRIDGE OVER CREEK (+/- 120' SOUTH OF RENWICK RD.)
BENCHMARK 3206	FD SQUARE CUT ON TO SE WING WALL OF BRIDGE OVER MINK CREEK AND 200' S. OF RENWICK RD. STA 474+41.65 STRUCTURE # 099-4615 N 1794728.35 E 1030890.54, ELEV. 606.27



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

ALIGNMENTS, TIES AND  
 BENCHMARKS

SCALE: 1"=100'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

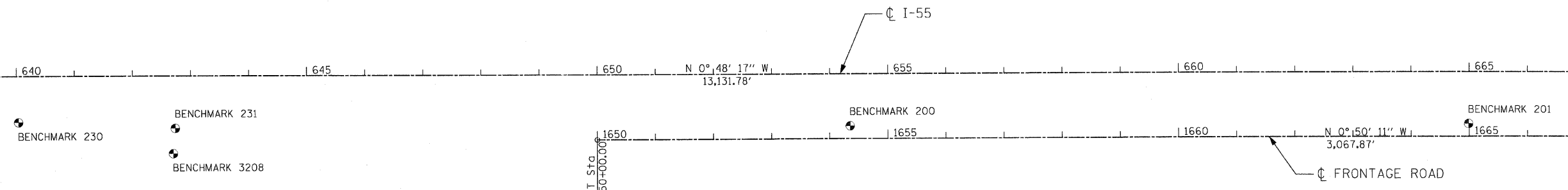
FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	18
STA.	637+00	TO STA.	667+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	ALIGN-03 OF 10	



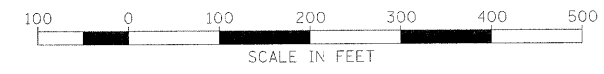
MATCHLINE STA. 637+00  
SEE ALIGN-02

MATCHLINE STA. 667+00  
SEE ALIGN-04



BENCHMARK DESCRIPTIONS

BENCHMARK 200	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 201	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 230	SET REBAR +/- 10' NW OF EXISTING FENCE LINE
BENCHMARK 231	FOUND CHISELED SQUARE IN EXISTING FES. ON SOUTH END OF FES. IN I-55 R.O.W..
BENCHMARK 3208	SQUARE CUT ON S END OF A HEADWALL OF A 30" CMP UNDER E FRONTAGE RD AND ABOUT 1/4 MILE N OF RENWICK RD., ELEV. 607.15'.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

ALIGNMENTS, TIES AND  
 BENCHMARKS

SCALE: 1"=100'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

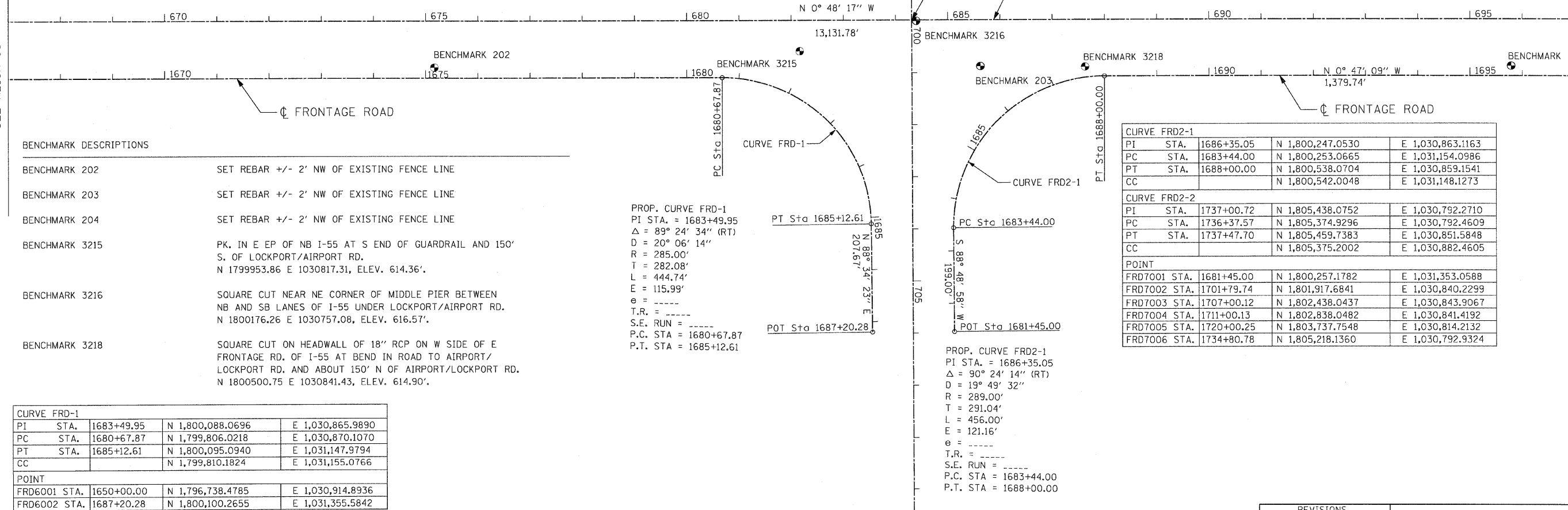
FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	19
STA. 667+00		TO STA. 697+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
ALIGN-04 OF 10				



MATCHLINE STA. 667+00  
SEE ALIGN-03

MATCHLINE STA. 697+00  
SEE ALIGN-05



**BENCHMARK DESCRIPTIONS**

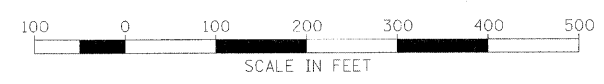
BENCHMARK 202	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 203	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 204	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 3215	PK. IN E EP OF NB I-55 AT S END OF GUARDRAIL AND 150' S. OF LOCKPORT/AIRPORT RD. N 1799953.86 E 1030817.31, ELEV. 614.36'.
BENCHMARK 3216	SQUARE CUT NEAR NE CORNER OF MIDDLE PIER BETWEEN NB AND SB LANES OF I-55 UNDER LOCKPORT/AIRPORT RD. N 1800176.26 E 1030757.08, ELEV. 616.57'.
BENCHMARK 3218	SQUARE CUT ON HEADWALL OF 18" RCP ON W SIDE OF E FRONTAGE RD. OF I-55 AT BEND IN ROAD TO AIRPORT/LOCKPORT RD. AND ABOUT 150' N OF AIRPORT/LOCKPORT RD. N 1800500.75 E 1030841.43, ELEV. 614.90'.

PROP. CURVE FRD-1  
 PI STA. = 1683+49.95  
 $\Delta = 89^\circ 24' 34''$  (RT)  
 D = 20° 06' 14"  
 R = 285.00'  
 T = 282.08'  
 L = 444.74'  
 E = 115.99'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA = 1680+67.87  
 P.T. STA = 1685+12.61

PROP. CURVE FRD2-1  
 PI STA. = 1686+35.05  
 $\Delta = 90^\circ 24' 14''$  (RT)  
 D = 19° 49' 32"  
 R = 289.00'  
 T = 291.04'  
 L = 456.00'  
 E = 121.16'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA = 1683+44.00  
 P.T. STA = 1688+00.00

CURVE FRD2-1				
PI STA.	1686+35.05	N 1,800,247.0530	E 1,030,863.1163	
PC STA.	1683+44.00	N 1,800,253.0665	E 1,031,154.0986	
PT STA.	1688+00.00	N 1,800,538.0704	E 1,030,859.1541	
CC		N 1,800,542.0048	E 1,031,148.1273	
CURVE FRD2-2				
PI STA.	1737+00.72	N 1,805,438.0752	E 1,030,792.2710	
PC STA.	1736+37.57	N 1,805,374.9296	E 1,030,792.4609	
PT STA.	1737+47.70	N 1,805,459.7383	E 1,030,851.5848	
CC		N 1,805,375.2002	E 1,030,882.4605	
POINT				
FRD7001 STA.	1681+45.00	N 1,800,257.1782	E 1,031,353.0588	
FRD7002 STA.	1701+79.74	N 1,801,917.6841	E 1,030,840.2299	
FRD7003 STA.	1707+00.12	N 1,802,438.0437	E 1,030,843.9067	
FRD7004 STA.	1711+00.13	N 1,802,838.0482	E 1,030,841.4192	
FRD7005 STA.	1720+00.25	N 1,803,737.7548	E 1,030,814.2132	
FRD7006 STA.	1734+80.78	N 1,805,218.1360	E 1,030,792.9324	

CURVE FRD-1				
PI STA.	1683+49.95	N 1,800,088.0696	E 1,030,865.9890	
PC STA.	1680+67.87	N 1,799,806.0218	E 1,030,870.1070	
PT STA.	1685+12.61	N 1,800,095.0940	E 1,031,147.9794	
CC		N 1,799,810.1824	E 1,031,155.0766	
POINT				
FRD6001 STA.	1650+00.00	N 1,796,738.4785	E 1,030,914.8936	
FRD6002 STA.	1687+20.28	N 1,800,100.2655	E 1,031,355.5842	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

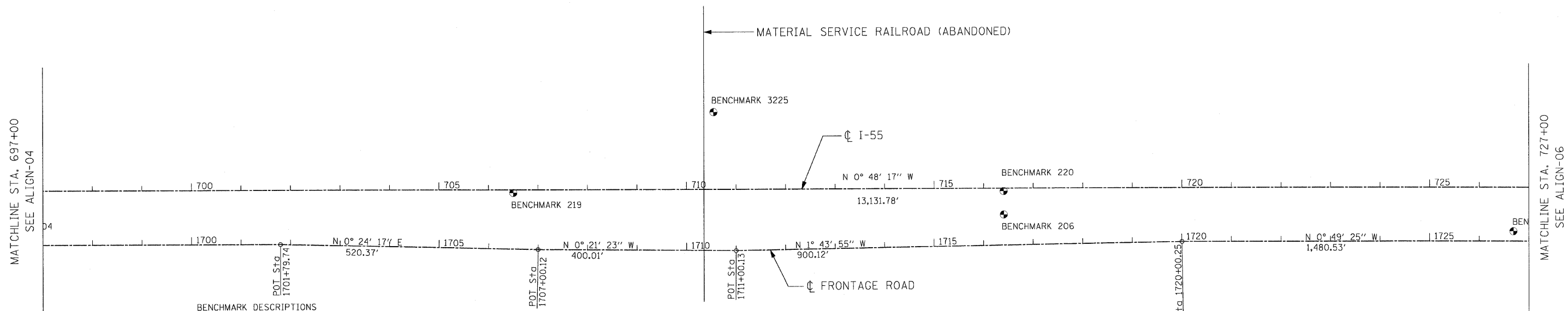
ALIGNMENT, TIES AND  
 BENCHMARKS

SCALE: 1"=100'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	20
STA.	697+00	TO STA.	727+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	ALIGN-05 OF 10	



BENCHMARK DESCRIPTIONS	
BENCHMARK 205	SET PK +/- 0.5' NW OF EXISTING GUARDRAIL
BENCHMARK 206	SET PK +/- 0.5' NW OF EXISTING GUARDRAIL
BENCHMARK 207	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 219	SET REBAR IN MEDIAN SOUTH OF EJ&E R.R. BRIDGE
BENCHMARK 220	SET REBAR IN MEDIAN SOUTH OF EJ&E R.R. BRIDGE
BENCHMARK 3222	SQUARE CUT ON HEADWALL OF 30" CMP UNDER THE E FRONTAGE RD. OF I-55 AND ON E SIDE ABOUT 600' S OF DOUBLE HIGH LINE N 1801889.01 E 1030859.56, ELEV. 617.37'.
BENCHMARK 3225	SQUARE CUT IN SE CORNER OF TRIANGULAR CONC. SLAB, 2' HIGH ON THE W SIDE OF THE W FRONTAGE RD. AND ON THE N SIDE OF A GRAVEL RD. RUNNING W, AND ON W SIDE OF RR BRIDGE OF I-55 N 1802788.92 E 1030561.82, ELEV. 621.63'.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

ALIGNMENT, TIES AND  
 BENCHMARKS

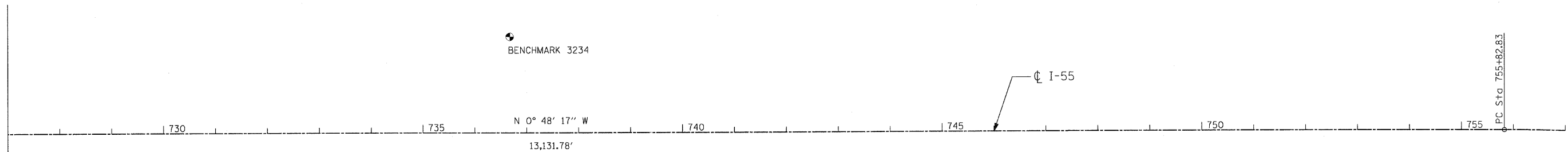
SCALE: 1"=100'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	21
STA. 727+00		TO STA. 757+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
ALIGN-06 OF 10				

MATCHLINE STA. 727+00  
SEE ALIGN-05



**BENCHMARK DESCRIPTIONS**

BENCHMARK 207	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 208	SET REBAR +/- 2' NW OF EXISTING FENCE LINE
BENCHMARK 3228	SQUARE CUT ON TOP OF 36" CONC FLARE END SECTION ABOUT ON E ROW OF E FRONTAGE RD., ELEV. 618.29'.
BENCHMARK 3234	"X" CUT ON TOP OF NE BOLT OF A 4'X4' SIGN BASE OF A LARGE SIGN AT THE SW CORNER OF THE W FRONTAGE RD. OF I-55 AND 143RD ST. N 1805400.67 E 1030496.13, ELEV. 624.51'.

PROP. CURVE FRD2-2  
 PI STA. = 1737+00.72  
 $\Delta = 70^\circ 06' 31''$  (RT)  
 $D = 63^\circ 39' 43''$   
 $R = 90.00'$   
 $T = 63.15'$   
 $L = 110.13'$   
 $E = 19.94'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. RUN = \text{-----}$   
 $P.C. STA = 1736+37.57$   
 $P.T. STA = 1737+47.70$



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

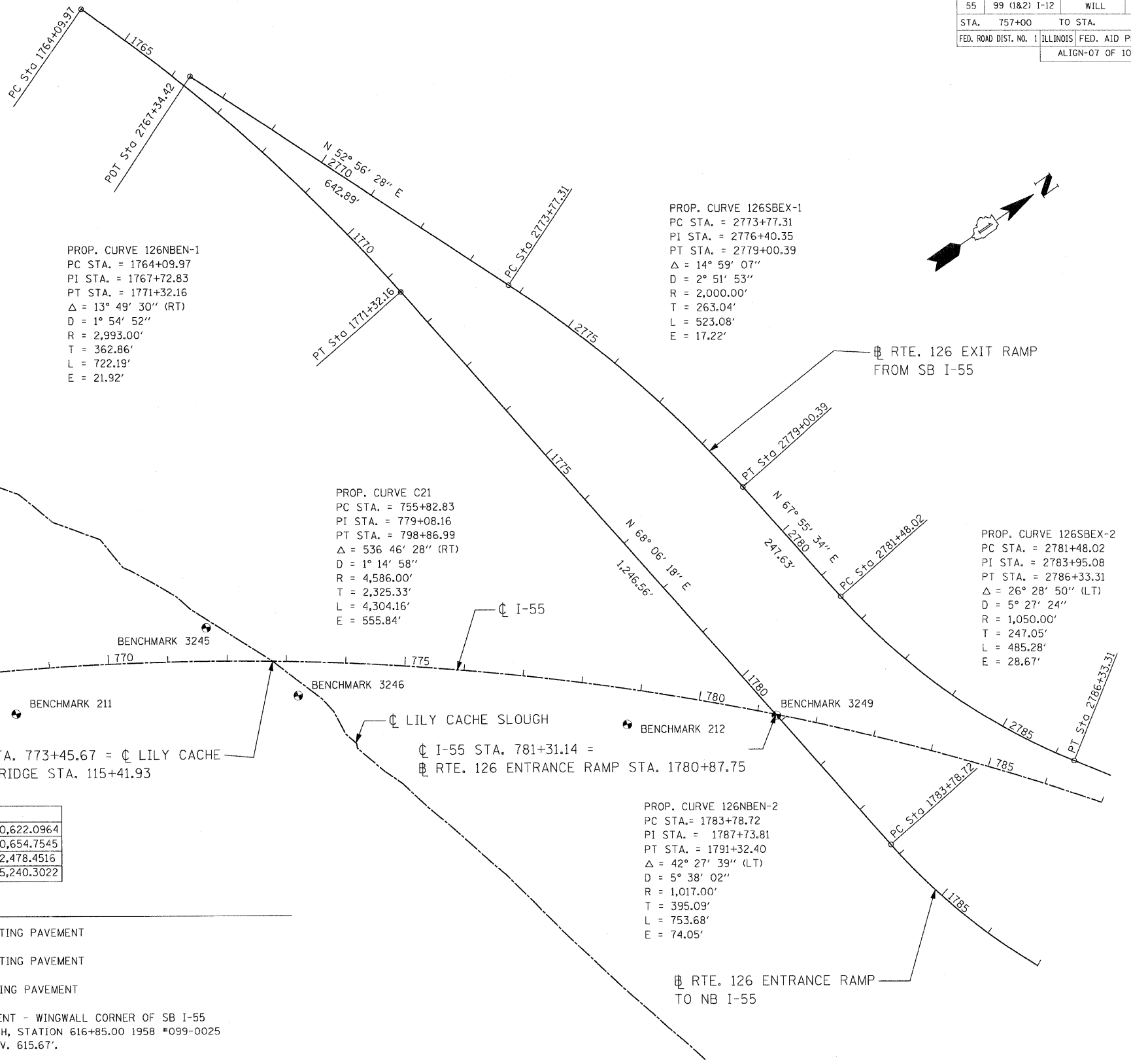
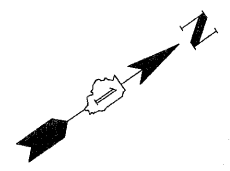
ALIGNMENT, TIES AND  
 BENCHMARKS

SCALE: 1"=100'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	22
STA.	757+00	TO STA.	787+00	
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
ALIGN-07 OF 10				



PROP. CURVE 126NBEN-1  
 PC STA. = 1764+09.97  
 PI STA. = 1767+72.83  
 PT STA. = 1771+32.16  
 $\Delta = 13^\circ 49' 30''$  (RT)  
 D =  $1^\circ 54' 52''$   
 R = 2,993.00'  
 T = 362.86'  
 L = 722.19'  
 E = 21.92'

PROP. CURVE 126SBEX-1  
 PC STA. = 2773+77.31  
 PI STA. = 2776+40.35  
 PT STA. = 2779+00.39  
 $\Delta = 14^\circ 59' 07''$   
 D =  $2^\circ 51' 53''$   
 R = 2,000.00'  
 T = 263.04'  
 L = 523.08'  
 E = 17.22'

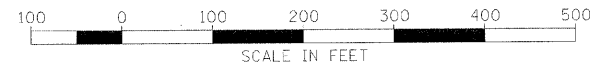
PROP. CURVE C21  
 PC STA. = 755+82.83  
 PI STA. = 779+08.16  
 PT STA. = 798+86.99  
 $\Delta = 536' 46'' 28''$  (RT)  
 D =  $1^\circ 14' 58''$   
 R = 4,586.00'  
 T = 2,325.33'  
 L = 4,304.16'  
 E = 555.84'

PROP. CURVE 126SBEX-2  
 PC STA. = 2781+48.02  
 PI STA. = 2783+95.08  
 PT STA. = 2786+33.31  
 $\Delta = 26^\circ 28' 50''$  (LT)  
 D =  $5^\circ 27' 24''$   
 R = 1,050.00'  
 T = 247.05'  
 L = 485.28'  
 E = 28.67'

PROJECT ENDS:  
 STA. 767+00.00

CURVE C21				
PI STA.	779+08.16	N 1,809,643.8028	E 1,030,622.0964	
PC STA.	755+82.83	N 1,807,318.7012	E 1,030,654.7545	
PT STA.	798+86.99	N 1,811,044.1989	E 1,032,478.4516	
CC		N 1,807,383.1093	E 1,035,240.3022	

BENCHMARK DESCRIPTION	
BENCHMARK 210	SET REBAR +/- 25' SE OF EXISTING PAVEMENT
BENCHMARK 211	SET REBAR +/- 25' SE OF EXISTING PAVEMENT
BENCHMARK 212	SET REBAR +/- 5' SE OF EXISTING PAVEMENT
BENCHMARK 3245	SQUARE CUT ON TOP SW ABUTMENT - WINGWALL CORNER OF SB I-55 BRIDGE OVER LILY CACHE SLOUGH, STATION 616+85.00 1958 #099-0025 N 1808892.16 E 1030849.27, ELEV. 615.67'.
BENCHMARK 3246	FD SQUARE CUT ON TOP OF SE CORNER OF ABUTMENT - WINGWALL OF NB I-55 BRIDGE OVER LILY CACHE SLOUGH STATION 616+85.00 1956 #099-0024 N 1809000.07 E 1031009.38, ELEV. 615.57'.
BENCHMARK 3249	SQUARE CUT ON E EDGE AND S END OF MIDDLE PIER OF RTE. 126 BRIDGE OVER I-55. N 1809747.63 E 1031312.57, ELEV. 625.30'.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

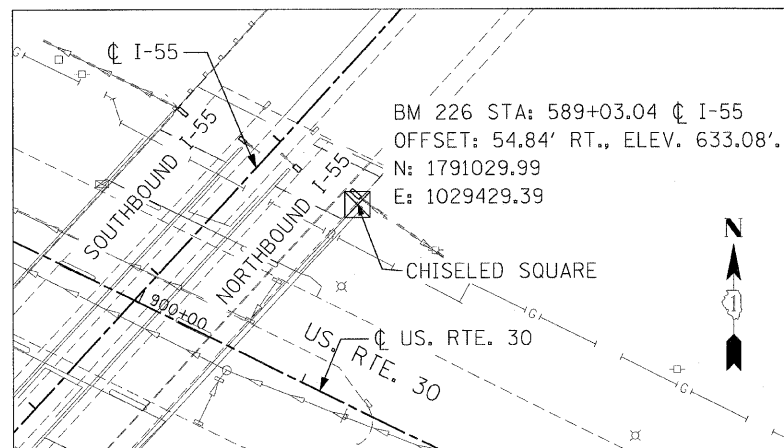
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100'  
 DATE: 2-06-09

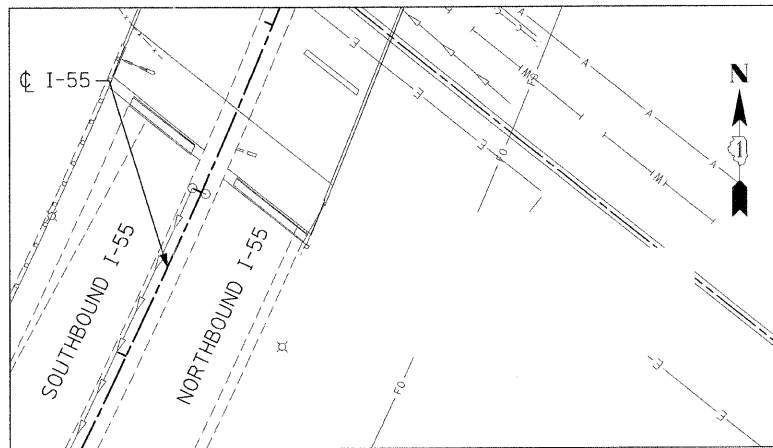
DRAWN BY: MMS  
 CHECKED BY: DM

MATCHLINE STA. 751+00

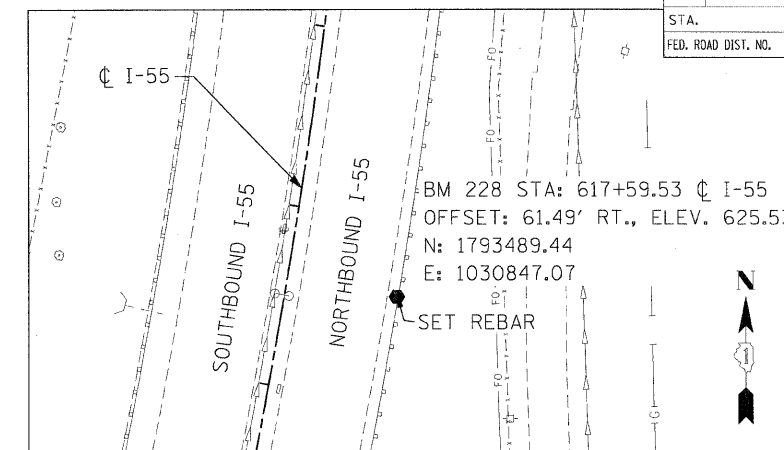
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	ALIGN-8 OF 10	



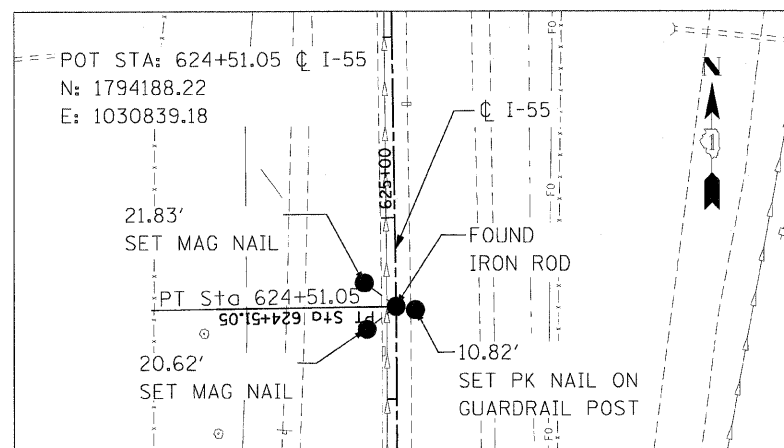
BENCHMARK 226



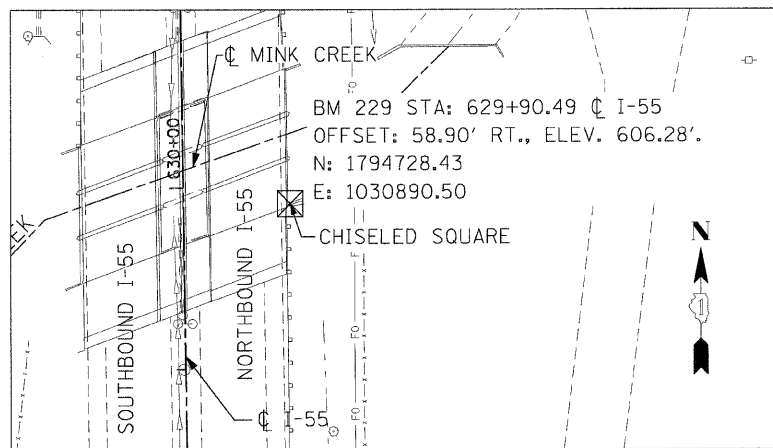
BENCHMARK 227



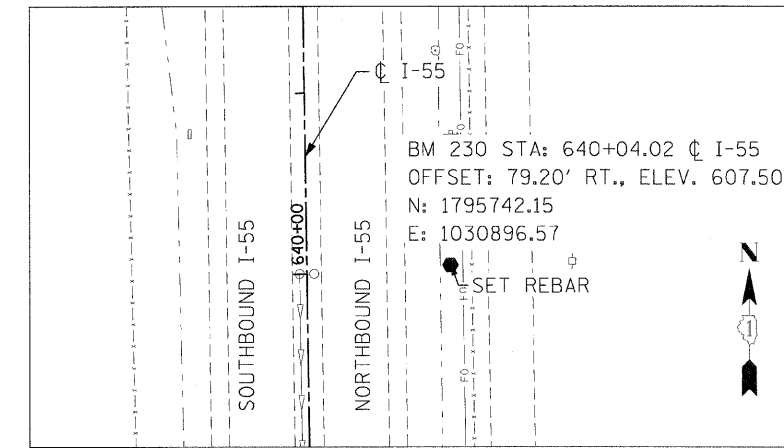
BENCHMARK 228



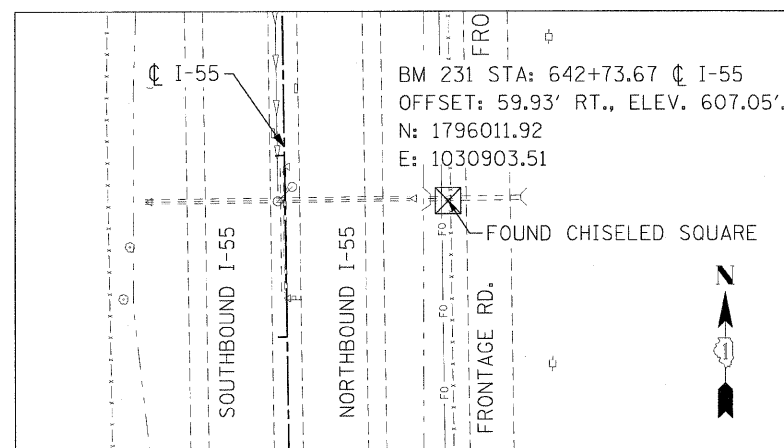
POT STA: 624+51.05



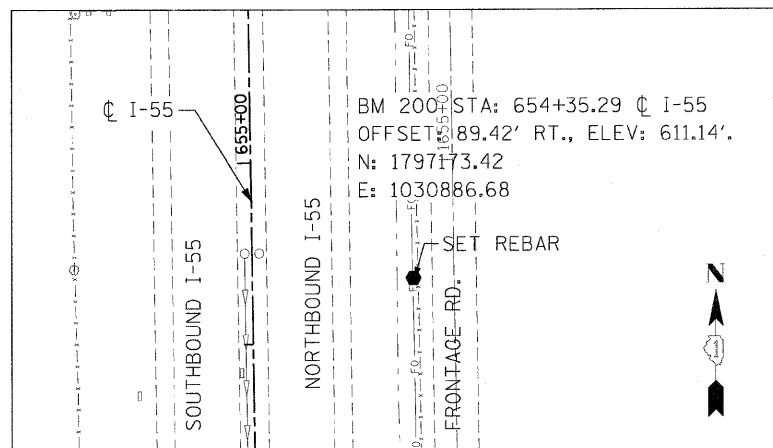
BENCHMARK 229



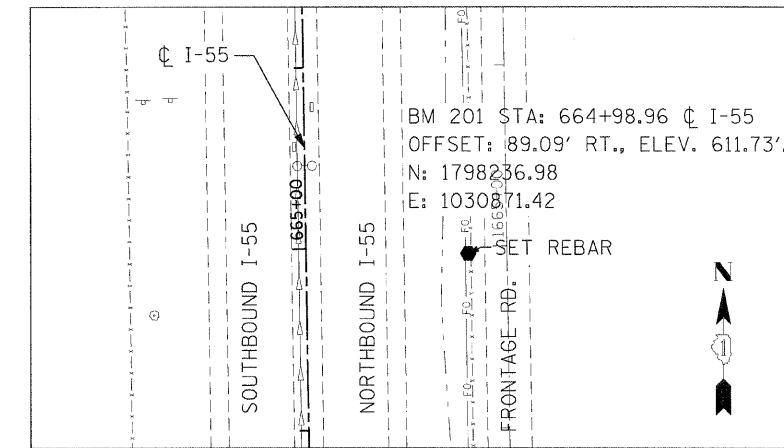
BENCHMARK 230



BENCHMARK 231



BENCHMARK 200



BENCHMARK 201

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

ALIGNMENT, TIES AND  
 BENCHMARKS

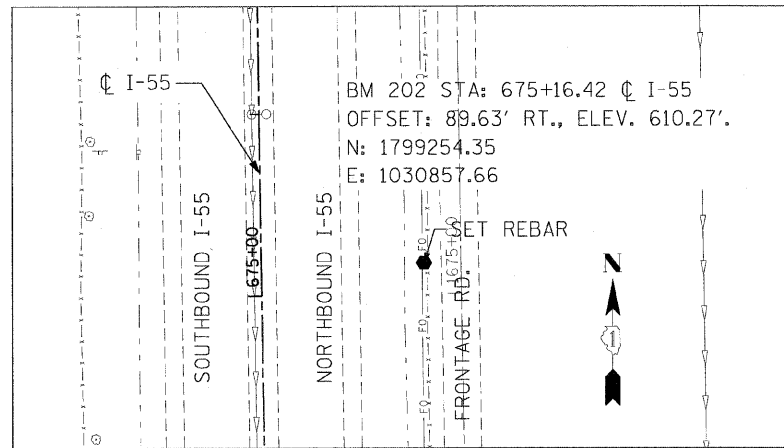
SCALE: NONE  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

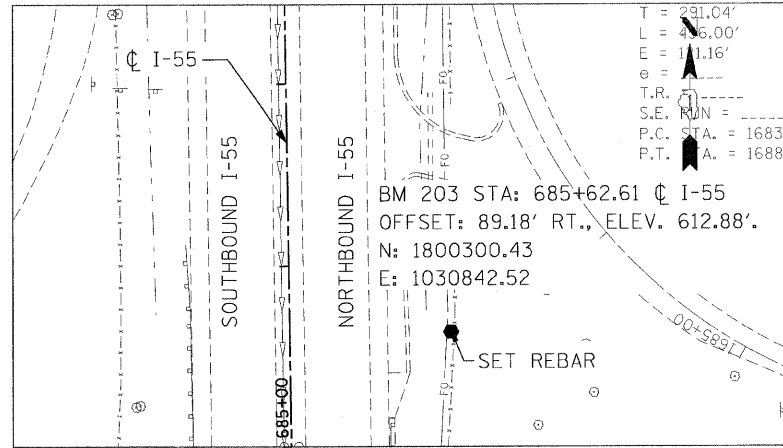


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

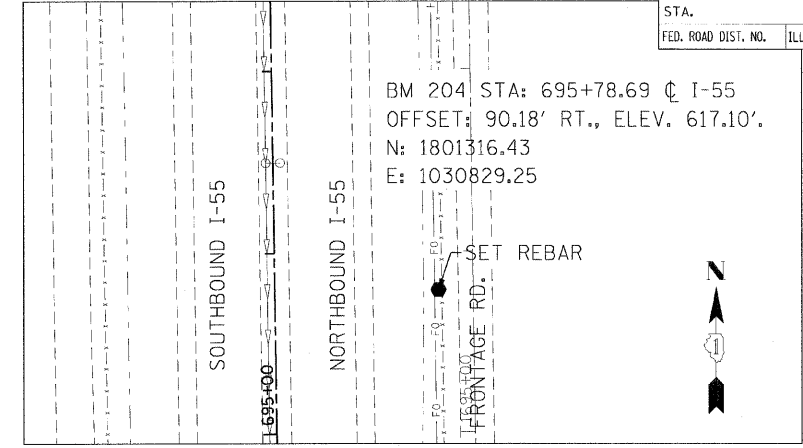
ALIGN-9 OF 10



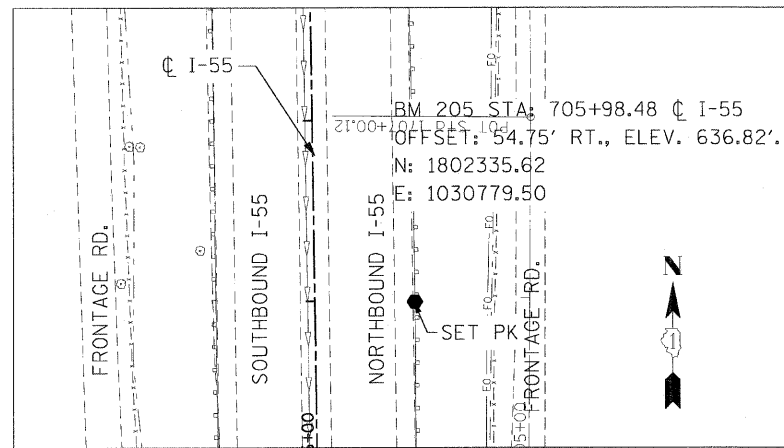
BENCHMARK 202



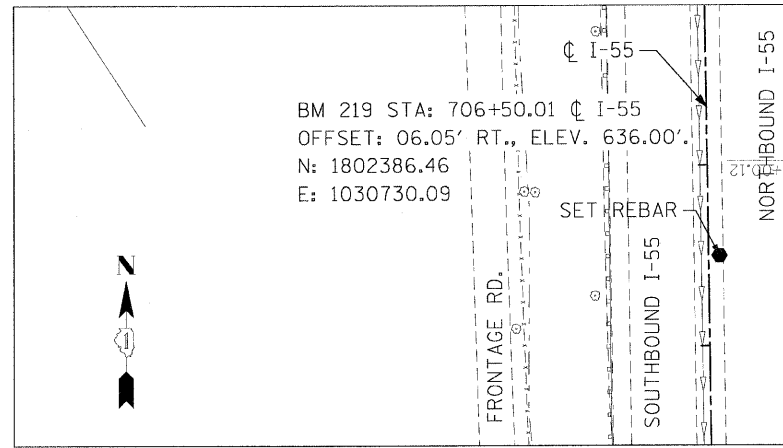
BENCHMARK 203



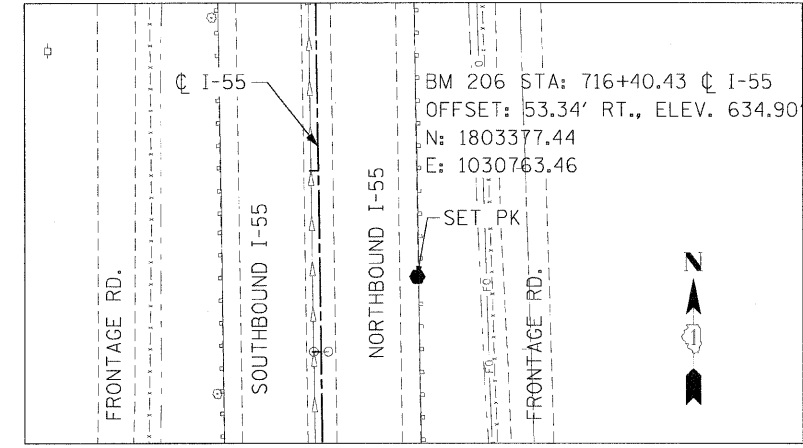
BENCHMARK 204



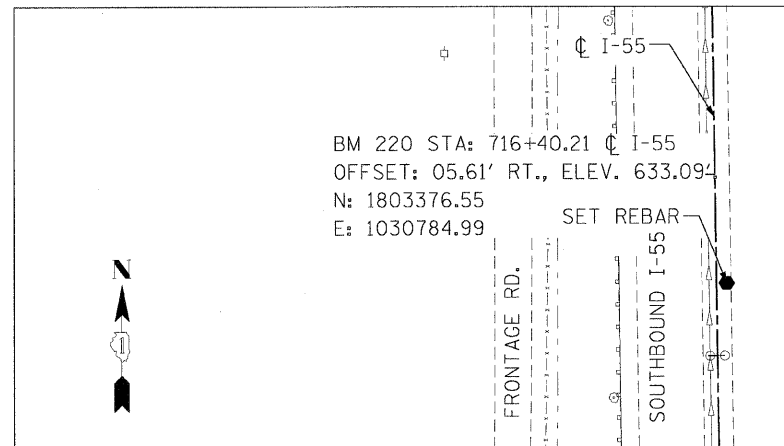
BENCHMARK 205



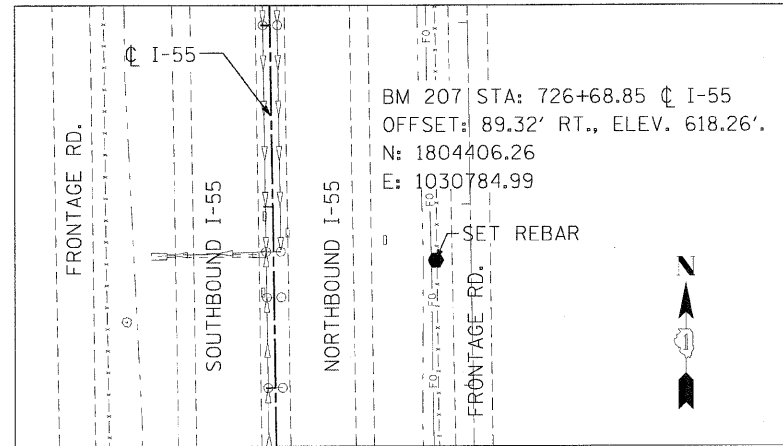
BENCHMARK 219



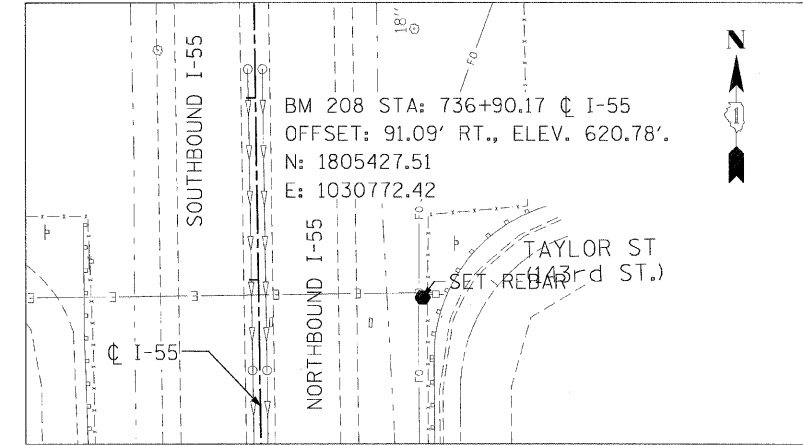
BENCHMARK 206



BENCHMARK 220



BENCHMARK 207



BENCHMARK 208

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

ALIGNMENT, TIES AND  
 BENCHMARKS

SCALE: NONE  
 DATE: 2-06-09

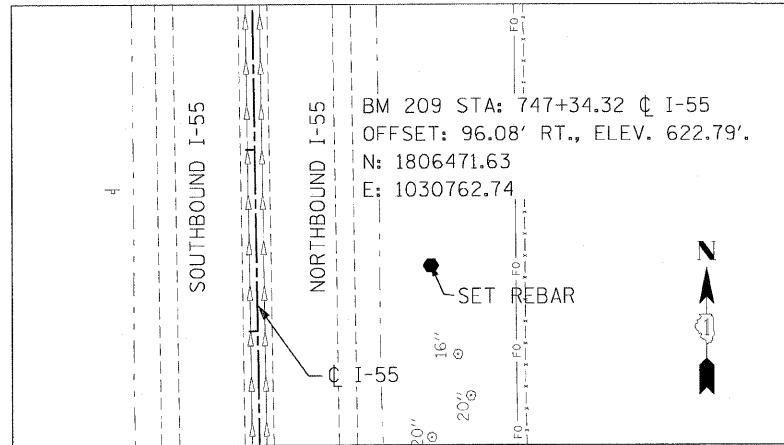
DRAWN BY: MMS  
 CHECKED BY: DM



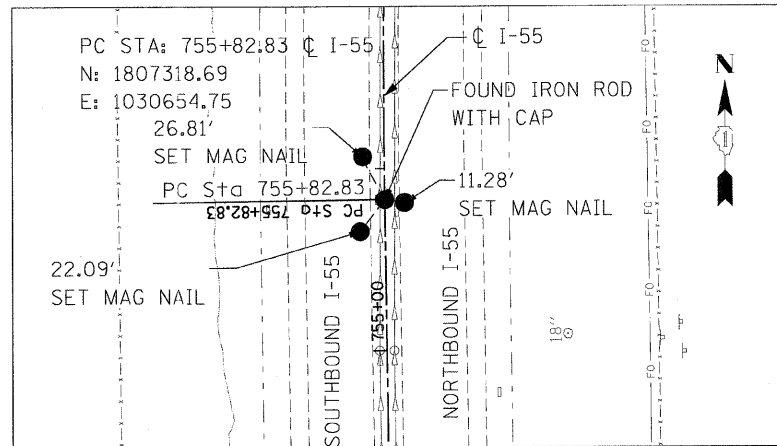
FINAL



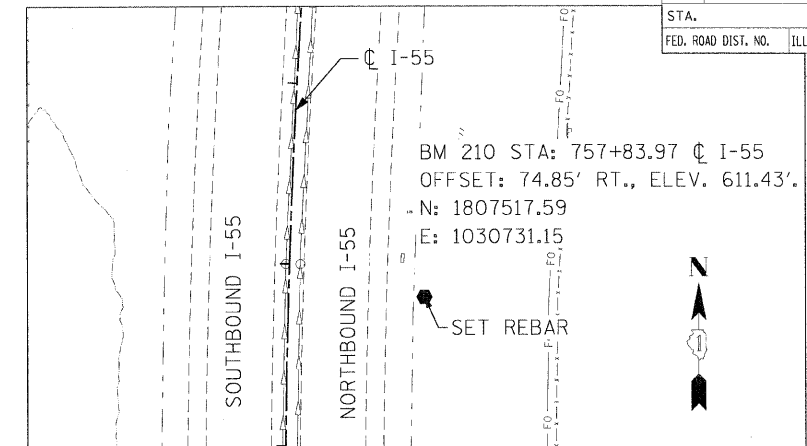
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
ALIGN-10 OF 10				



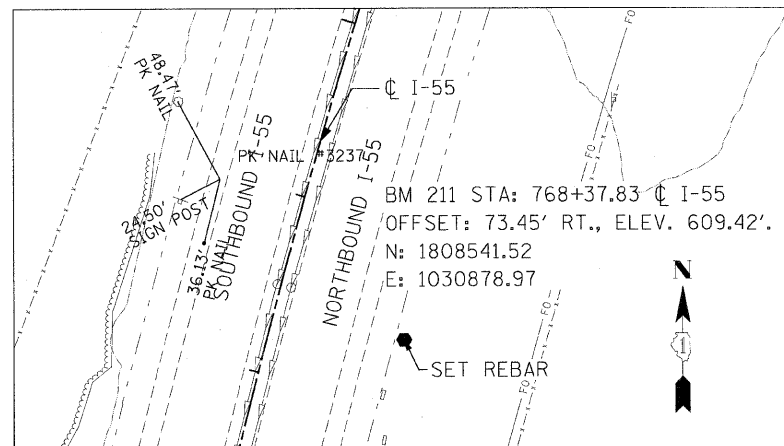
BENCHMARK 209



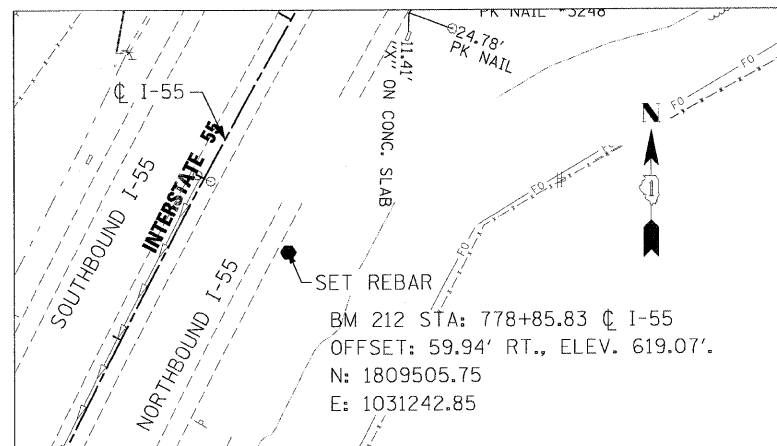
PC STA. 755+82.83



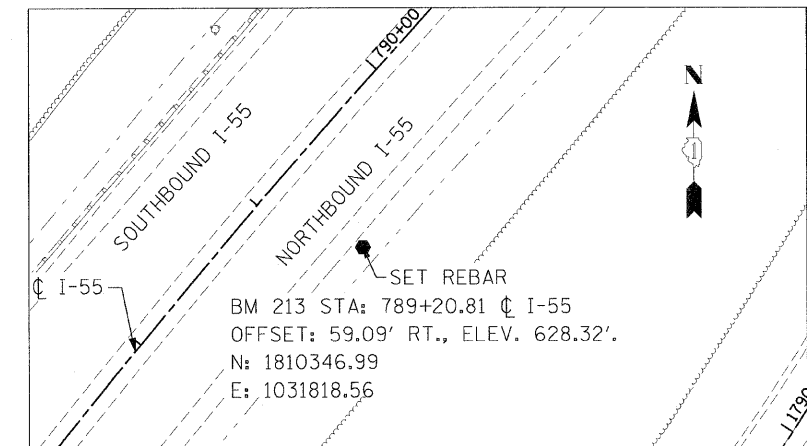
BENCHMARK 210



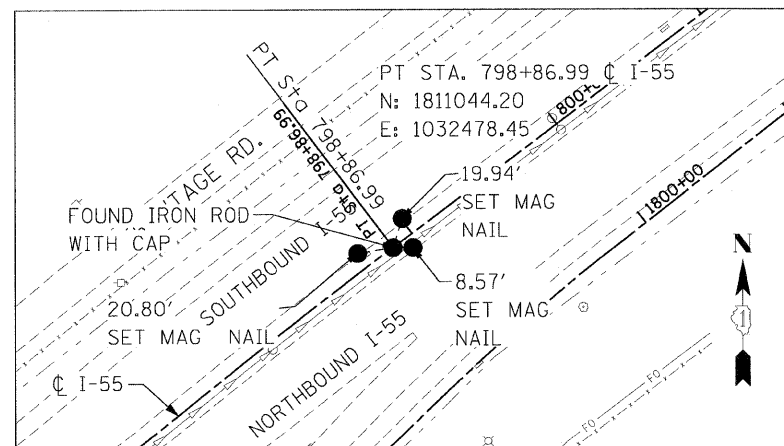
BENCHMARK 211



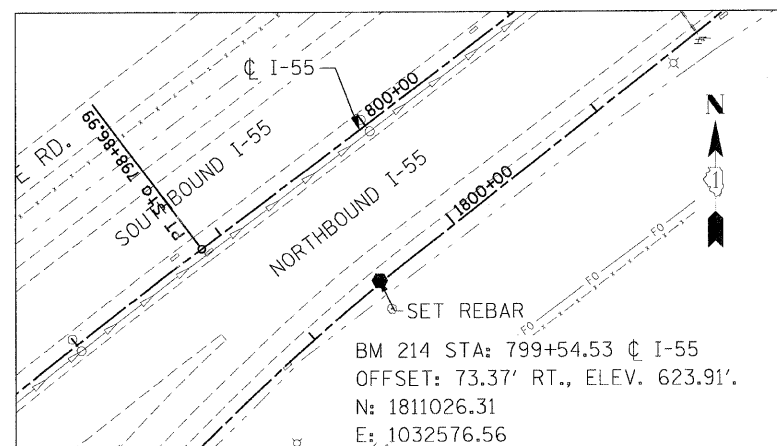
BENCHMARK 212



BENCHMARK 213



PT STA. 798+86.99



BENCHMARK 214

REVISIONS	
NAME	DATE

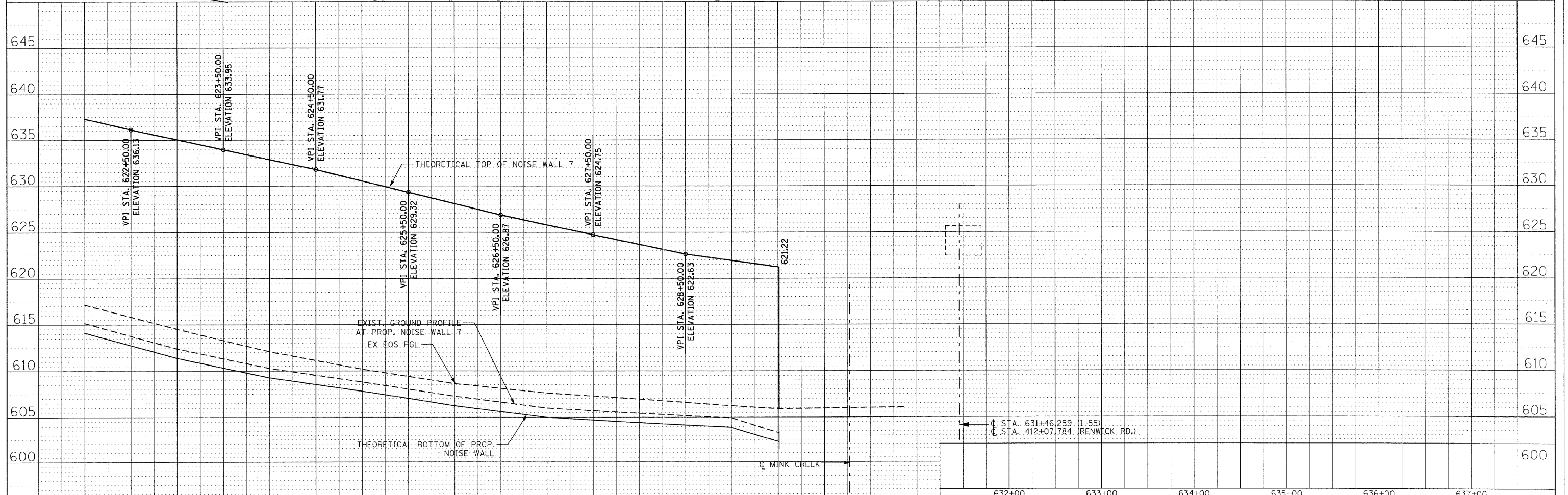
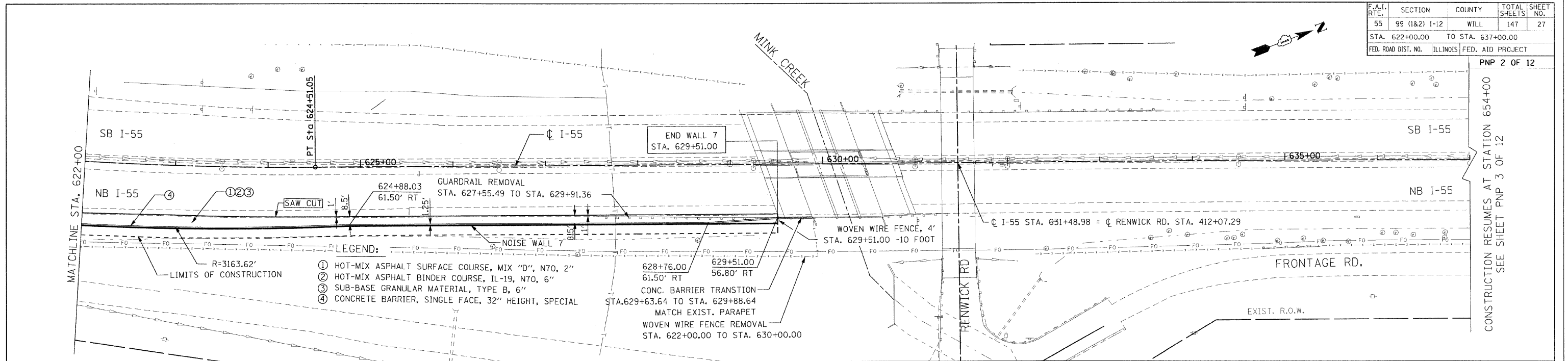
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 ALIGNMENT, TIES AND  
 BENCHMARKS

SCALE: NONE  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	27
STA. 622+00.00 TO STA. 637+00.00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	



EX PGL AT EX EOS	617.13	615.82	614.51	613.29	612.07	611.13	610.18	609.40	608.62	608.11	607.60	607.27	606.93	606.58	606.23	605.92	605.97	606.03
EX GRD. AT NW	615.15	613.77	612.38	611.33	610.27	609.54	608.80	608.02	607.24	606.61	605.99	605.70	605.41	605.16	604.90	603.32	605.97	606.03
	622+00	623+00	624+00	625+00	626+00	627+00	628+00	629+00	630+00	631+00								

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

**PARSONS BRINCKERHOFF**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
NOISE ABATEMENT WALL  
PLAN AND PROFILE  
STA. 622+00.00 TO STA. 637+00.00

SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

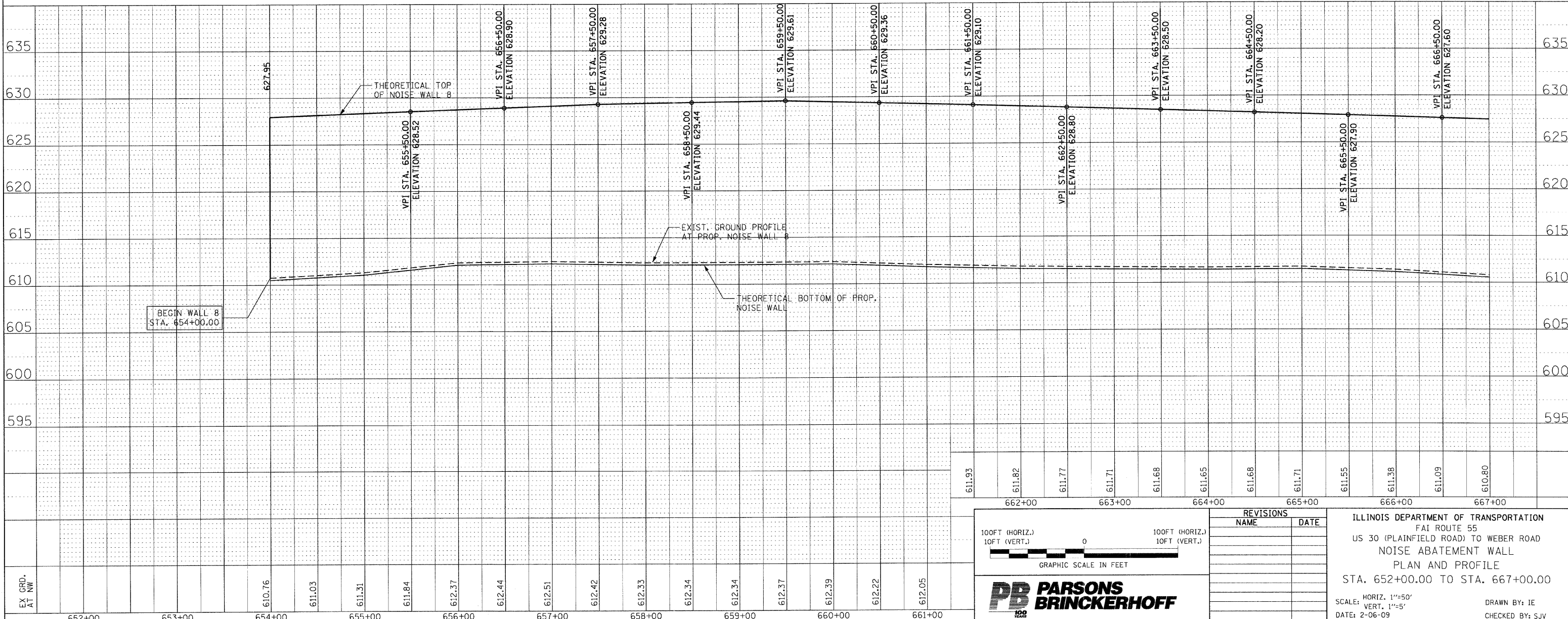
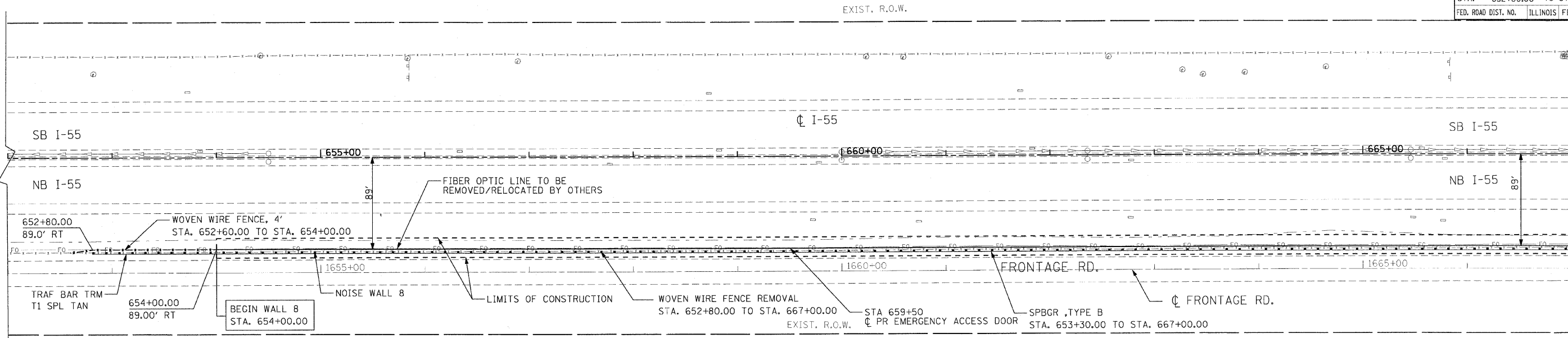
DATE: 6-12-09

DRAWN BY: IE  
CHECKED BY: SJV

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	28
STA. 652+00.00 TO STA. 667+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



CONSTRUCTION RESUMES AT STATION 629+51  
SEE SHEET PNP 2 OF 12



**PARSONS BRINCKERHOFF**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 NOISE ABATEMENT WALL  
 PLAN AND PROFILE  
 STA. 652+00.00 TO STA. 667+00.00

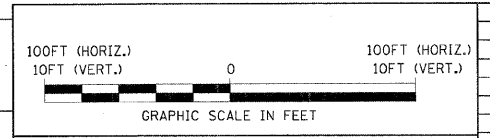
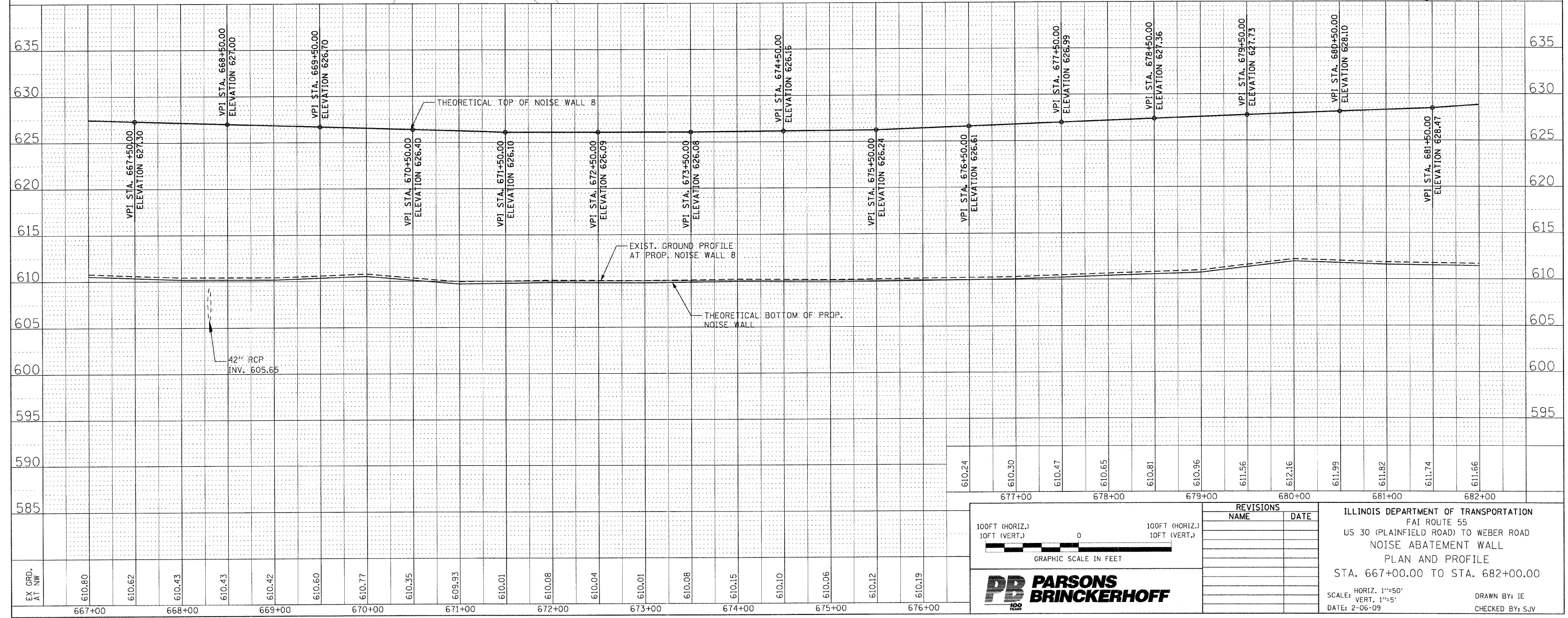
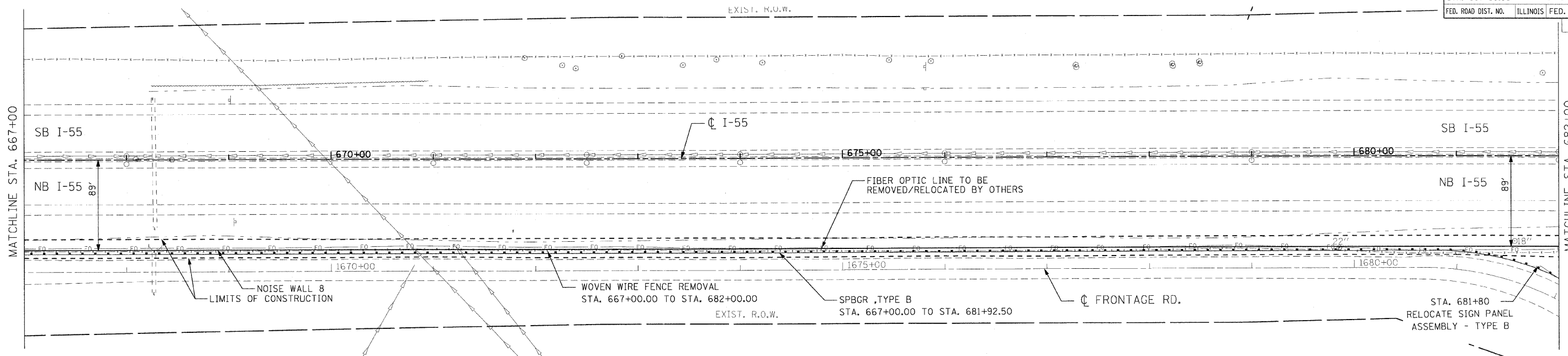
SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'

DATE: 2-06-09

DRAWN BY: IE  
 CHECKED BY: SJV

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	29
STA. 667+00.00 TO STA. 682+00.00		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 NOISE ABATEMENT WALL  
 PLAN AND PROFILE  
 STA. 667+00.00 TO STA. 682+00.00

SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'

DATE: 2-06-09

DRAWN BY: IE  
 CHECKED BY: SJV









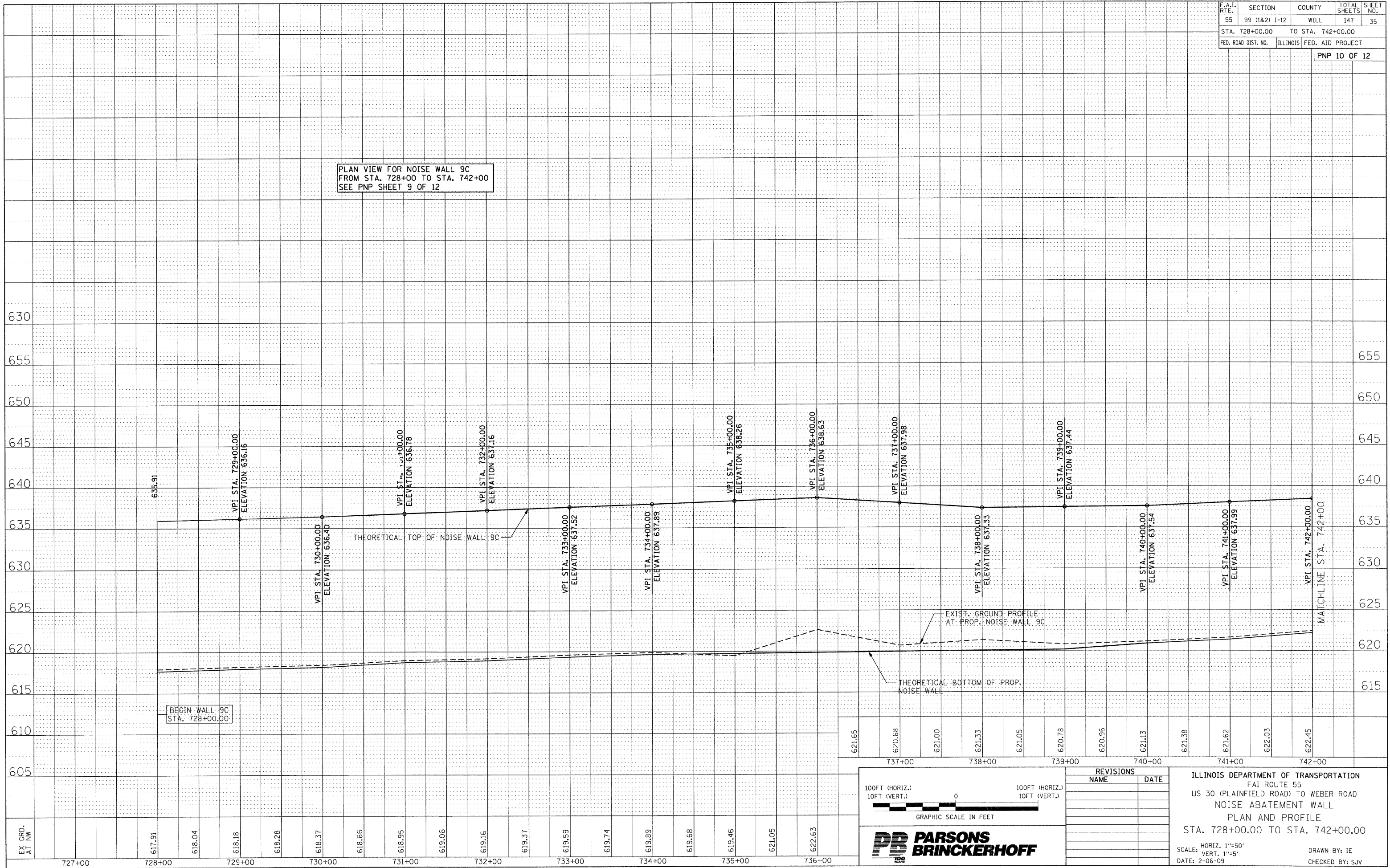






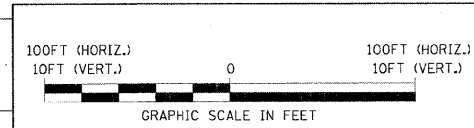
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	35
STA. 728+00.00		TO STA. 742+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
PNP 10 OF 12				

PLAN VIEW FOR NOISE WALL 9C  
FROM STA. 728+00 TO STA. 742+00  
SEE PNP SHEET 9 OF 12



BEGIN WALL 9C  
STA. 728+00.00

621.65	620.68	621.00	621.33	621.05	620.78	620.96	621.13	621.38	621.62	622.03	622.45
737+00	738+00	739+00	740+00	741+00	742+00						



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
NOISE ABATEMENT WALL  
PLAN AND PROFILE  
STA. 728+00.00 TO STA. 742+00.00

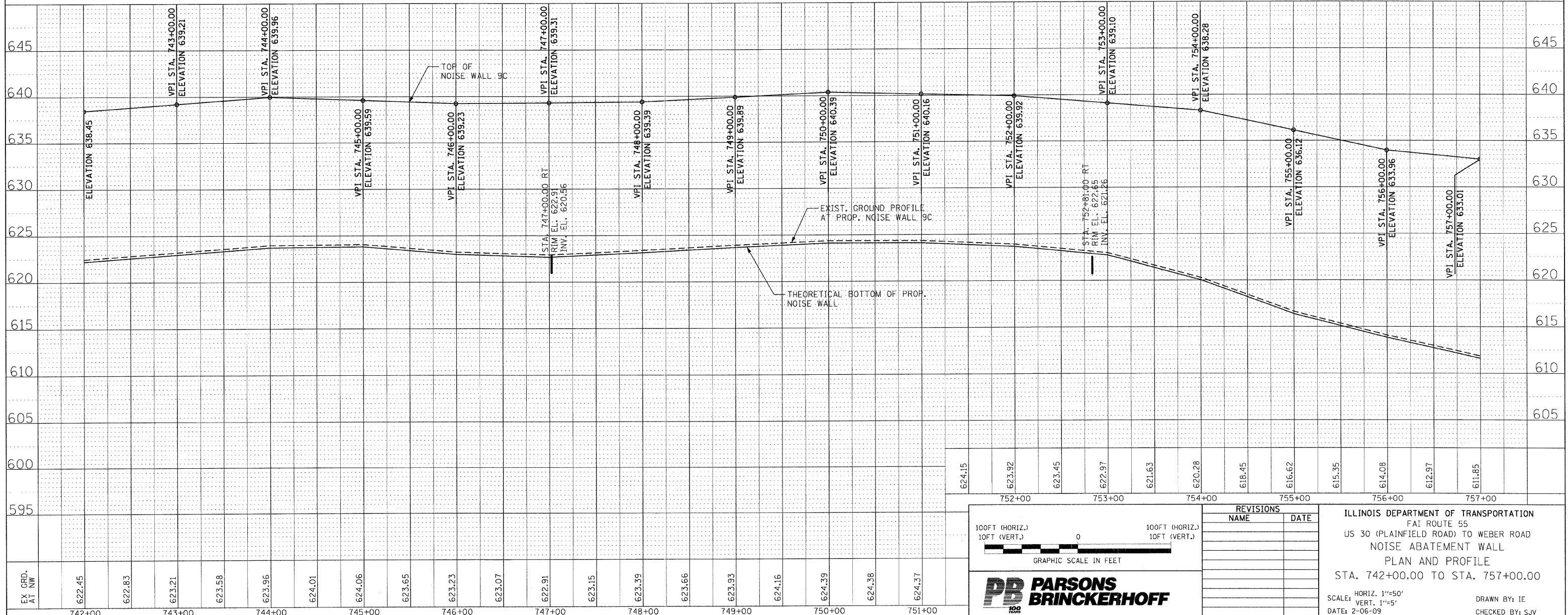
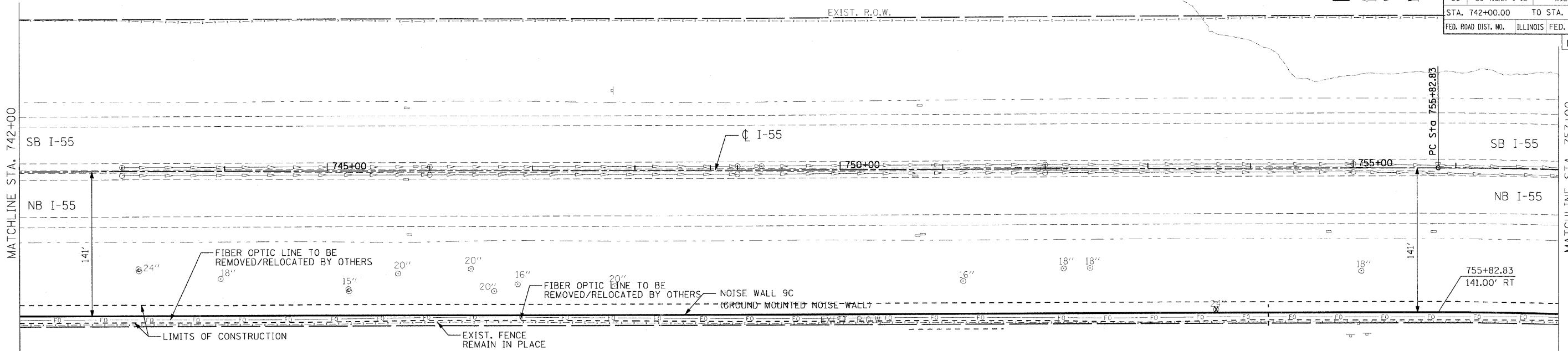
SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

DATE: 2-06-09

DRAWN BY: IE  
CHECKED BY: SJV

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&I) I-12	WILL	147	36
STA. 742+00.00		TO STA. 757+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



624.15	623.92	623.45	622.97	621.63	620.28	618.45	616.62	615.35	614.08	612.97	611.85
752+00	753+00	754+00	755+00	756+00	757+00						

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS	
NAME	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 NOISE ABATEMENT WALL  
 PLAN AND PROFILE  
 STA. 742+00.00 TO STA. 757+00.00

SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'  
 DATE: 2-06-09

DRAWN BY: IE  
 CHECKED BY: SJV





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) I-12	WILL	147	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
	MOT-TYP-01	OF	03	

## SUGGESTED STAGES OF CONSTRUCTION

### PRE-STAGE CONSTRUCTION

1. INSTALL "CHANGEABLE MESSAGE BOARDS" TWO WEEKS PRIOR TO THE START OF CONSTRUCTION ON I-55.
2. ESTABLISH STAGE I TRAFFIC CONTROL ON I-55 AS PER IDOT STANDARD 701400 AND 701401, INSTALL TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC TO STAGE I TRAFFIC LANES TO ACCOMMODATE THE SEQUENCE OF CONSTRUCTION OF NOISE WALLS 7 AND 9B AND AS DIRECTED BY THE ENGINEER.
3. ESTABLISH STAGE I TRAFFIC CONTROL ON FRONTAGE ROADS AS PER IDOT STANDARD 701501, INSTALL DRUMS AND BARRICADES AND SHIFT TRAFFIC TO STAGE I ONE LANE OPERATION TO ACCOMMODATE THE SEQUENCE OF CONSTRUCTION OF NOISE WALLS 8, 9A AND 9C AND AS DIRECTED BY THE ENGINEER.

### SUGGESTED SEQUENCE OF CONSTRUCTION (I-55)

1. PRIOR TO EARTHWORK OPERATIONS OR THE DISTURBANCE OF ANY EXISTING VEGETATION, INSTALL PERIMETER EROSION BARRIER AND OTHER EROSION CONTROL DEVICES.
2. REMOVE EXISTING SIGNS AND TOPSOIL AS SHOWN ON THE PLANS.
3. EXCAVATE AND CONSTRUCT EMBANKMENT AND INSTALL PROPOSED DRAINAGE AS SHOWN ON THE PLANS.
4. CONSTRUCT PROPOSED NOISE ABATEMENT WALLS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
5. CONSTRUCT PROPOSED CONCRETE BARRIER BASE AND CONCRETE BARRIER.
6. REMOVE EXISTING GUARDRAIL AS SHOWN ON THE PLANS.
7. CONSTRUCT PROPOSED SHOULDER WIDENING AS SHOWN ON THE PLANS.
8. INSTALL PROPOSED GUARDRAIL, IMPACT ATTENUATOR, PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
9. AFTER CONSTRUCTION IS COMPLETED REMOVE TRAFFIC CONTROL DEVICES AND OPEN ALL LANES TO TRAFFIC.

### SUGGESTED SEQUENCE OF CONSTRUCTION (FRONTAGE ROAD)

1. PRIOR TO EARTHWORK OPERATIONS OR THE DISTURBANCE OF ANY EXISTING VEGETATION, INSTALL PERIMETER EROSION BARRIER AND OTHER EROSION CONTROL DEVICES, CONSTRUCT TEMPORARY FENCE.
2. COMPLETE FENCE REMOVAL, TREE REMOVAL, TREE PRUNING, CLEARING AND TOPSOIL REMOVAL.
3. EXCAVATE AND CONSTRUCT EMBANKMENT AND INSTALL PROPOSED DRAINAGE AS SHOWN ON THE PLANS.
4. COMPLETE INSTALLATION OF NOISE ABATEMENT WALLS.
5. PLACE TOPSOIL AND COMPOST AND COMPLETE LANDSCAPING.
6. COMPLETE RE-ERECTION OF ACCESS CONTROL FENCE AS NECESSARY AT THE ENDS OF THE NOISE ABATEMENT WALLS.
7. REMOVE TEMPORARY FENCE.
8. REMOVE EROSION CONTROL DEVICES AT THE DIRECTION OF THE ENGINEER.
9. AFTER CONSTRUCTION IS COMPLETED REMOVE TRAFFIC CONTROL DEVICES AND OPEN ALL LANES TO TRAFFIC.

## TRAFFIC CONTROL GENERAL NOTES

1. AT THE END OF EACH DAILY SHIFT ALONG THE FRONTAGE ROADS OPERATIONS, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN, REMOVE DAY TIME OPERATION TRAFFIC CONTROL AND OPEN BOTH LANES TO TRAFFIC.
2. DRUMS SHALL NOT BE PLACED IN THE LANE WHICH IS OPEN TO TRAFFIC. DURING MILLING AND PAVING OPERATIONS, THE CONTRACTOR SHALL USE ONE FOOT VERTICAL BARRICADES WITH STEADY BURN LIGHTS ALONG THE MILLING AND PAVING OPERATIONS. THE TYPE OF VERTICAL BARRICADES SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BEING USED ON THE PROJECT. DRUMS OR TYPE II BARRICADES SHALL BE USED TO DELINEATE ALL OPEN RAMPS THROUGHOUT THE WORK ZONE.
3. ALL SIGNING RELATED TO TRAFFIC CONTROL AND PROTECTION AS SHOWN ON THE ITEMS DESCRIBED IN THE TRAFFIC CONTROL PLAN SHALL BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE WORK ASSOCIATED WITH ADJUSTING THE LOCATIONS OF THE SIGNS TO ACCOMMODATE DIFFERENT STAGING OPERATIONS SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)."
4. ALL STAGING WORK AND TRAFFIC CONTROL DEVICES NEEDED TO COMPLETE THE CONSTRUCTION OF THE NOISE ABATEMENT WALLS ALONG THE FRONTAGE ROADS SHALL BE INCLUDED IN THE LUMP SUM COST FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
5. ANY EXISTING PAVEMENT MARKINGS THAT ARE NOT SHOWN TO BE REMOVED, BUT ARE DAMAGED DURING CONSTRUCTION WILL BE REPLACED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
6. FOR WALLS 8, 9A AND 9C, THE CONTRACTOR SHALL ACCESS THE WORK AREA FROM THE FRONTAGE ROAD. ACCESS FROM I-55 TO THE WORK AREA FOR THESE WALLS WILL NOT BE ALLOWED. HOWEVER, PART OF WALL 9C FROM STA. 737+50 TO STA. 767+00 SHALL BE ACCESSED FROM NB I-55 USING STATE STANDARDS 701101 AND 701106.
7. DURING CONSTRUCTION OF NOISE WALLS 7 AND 9B, EXISTING GUARDRAIL SHALL BE REMOVED ONLY WHEN THE WALL AND SINGLE FACE CONCRETE BARRIER CONSTRUCTION IS COMPLETE. IF GUARDRAIL REMOVAL IS NEEDED BEFORE THAT TIME, THE CONTRACTOR WILL ONLY BE ALLOWED TO REMOVE SHORT SECTIONS OF EXISTING GUARDRAIL IN ORDER TO GAIN ACCESS TO THE WORK ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF OPEN AREAS ASSOCIATED WITH THIS WORK, AND SHALL NOT LEAVE THESE AREAS UNPROTECTED AT ANY TIME. THE USE OF TEMPORARY CONCRETE BARRIERS OR OTHER SAFETY MEASURE(S) TO ACCOMMODATE THIS NEED SHALL MEET WITH THE APPROVAL OF THE ENGINEER. THIS WORK WILL BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.
8. THE STAGING DETAIL AND TRAFFIC CONTROL DEVICES REQUIRED ALONG I-55 REGARDING THE CONSTRUCTION OF NOISE ABATEMENT WALL 7 AND 9B SHALL MEET HIGHWAY STANDARDS 701400, 701401, 701411, AND 701426. THIS TRAFFIC CONTROL WORK SHALL BE INCLUDED IN THE LUMP SUM COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS). THE PAVEMENT MARKING REMOVAL AND TEMPORARY PAVEMENT MARKING NEEDED TO ACCOMMODATE THIS STAGE OF WORK ARE INDICATED IN THE RESPECTIVE SCHEDULE OF QUANTITIES SHEETS. THESE ITEMS WILL BE PAID FOR SEPARATELY.

REVISIONS	
NAME	DATE

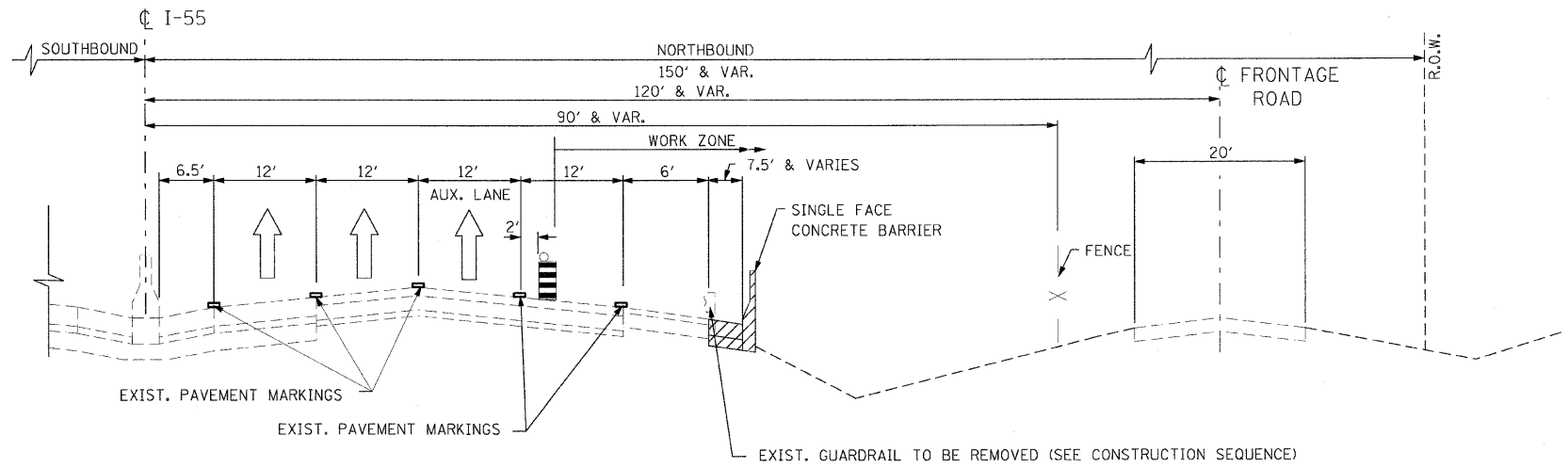
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 SUGGESTED STAGES OF  
 CONSTRUCTION AND TRAFFIC CONTROL  
 GENERAL NOTES AND DETAILS

SCALE: NONE  
 DATE: 2-06-09




DRAWN BY: MMS  
 CHECKED BY: DM



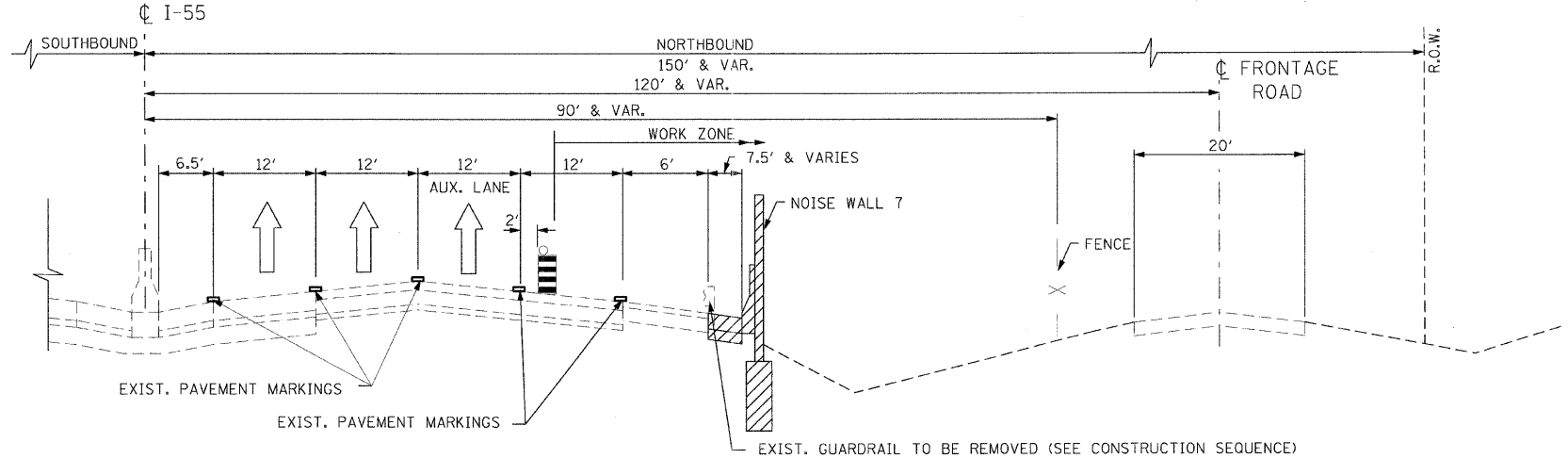
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MOT-TYP-02 OF 03		



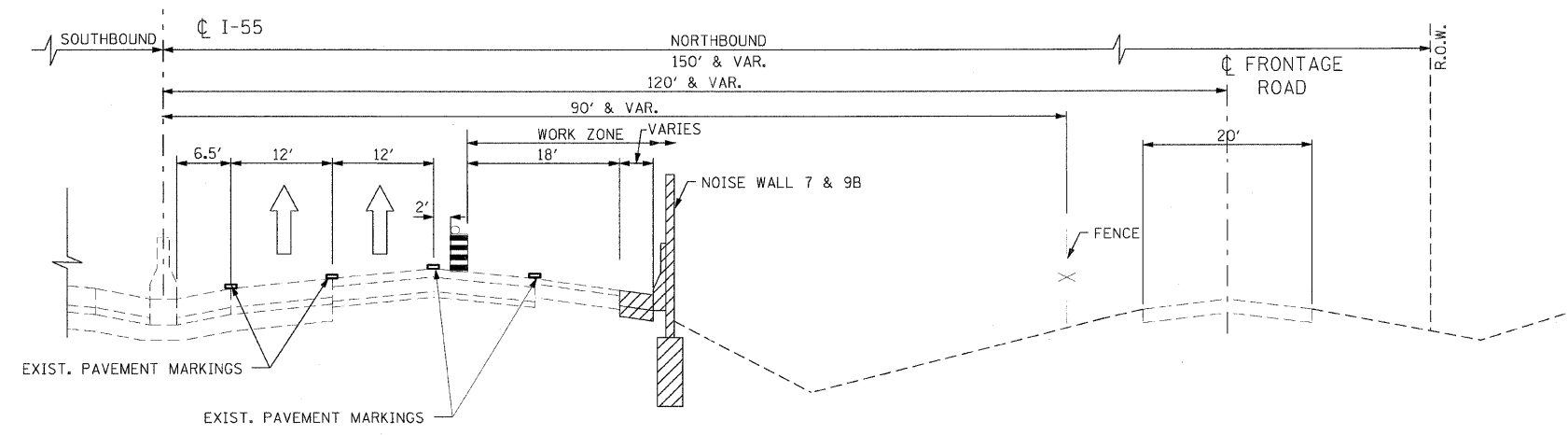
**LEGEND**

-  WORK ZONE
-  TRAFFIC FLOW ARROW
-  DRUMS W/ STEADY BURN LIGHTS

**I-55 CONSTRUCTION TYPICAL SECTION  
STAGE I (LANE CLOSURE)**  
STA. 610+25.64 TO STA. 611+35.00



**I-55 CONSTRUCTION TYPICAL SECTION  
STAGE I (LANE CLOSURE) NOISE WALL 7**  
STA. 611+35.00 TO STA. 625+52.22 (7)



**I-55 CONSTRUCTION TYPICAL SECTION  
STAGE I (LANE CLOSURE) NOISE WALL 7 & 9B**  
STA. 625+52.22 TO STA. 629+51.00 (7) & STA. 689+00.00 TO STA. 730+05.00 (9B)

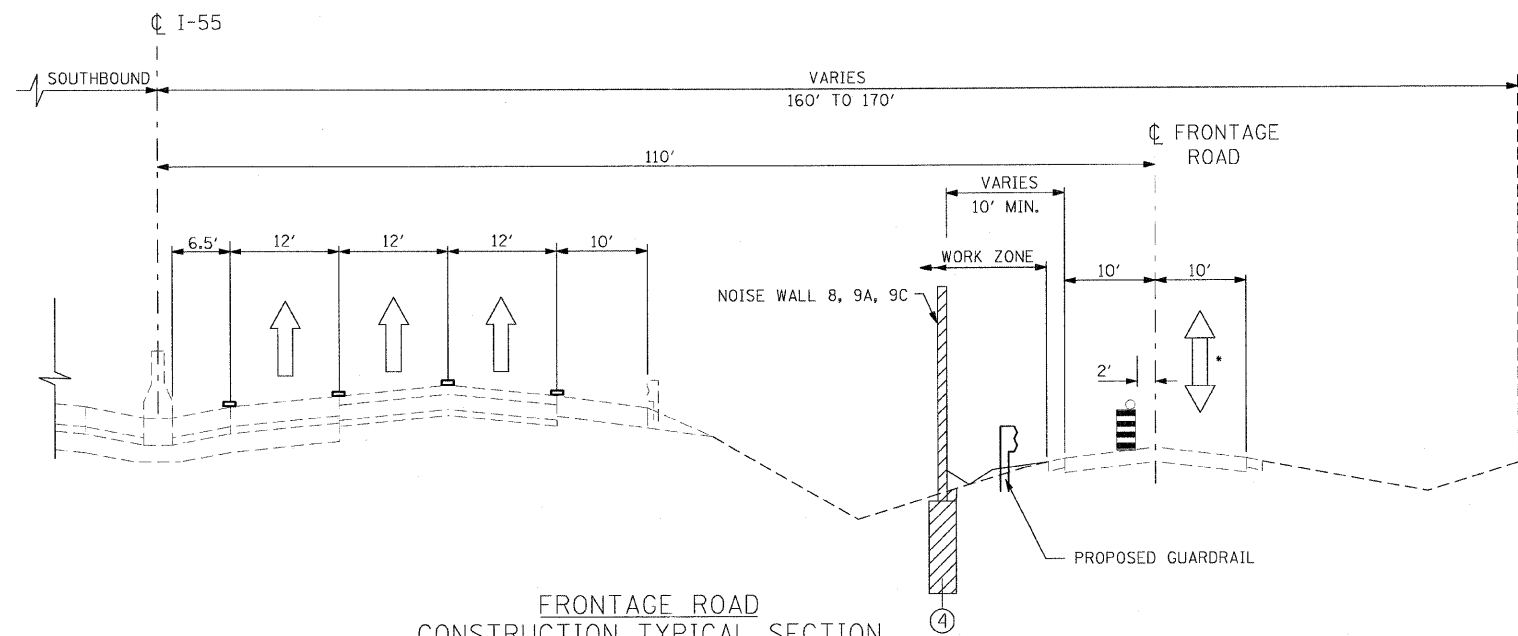
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
SUGGESTED STAGES OF  
CONSTRUCTION AND TRAFFIC CONTROL  
GENERAL NOTES AND DETAILS

SCALE: NONE  
DATE: 6-12-09  
DRAWN BY: MMS  
CHECKED BY: DM



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) I-12	WILL	147	40
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		MOT-TYP-03	OF	03



LEGEND

- WORK ZONE
- TRAFFIC FLOW ARROW
- DRUMS W/ STEADY BURN LIGHTS

• FLAGGER SHALL DIVERT TRAFFIC DURING DAY TIME OPERATIONS AS INDICATED IN STANDARD 701501. BOTH TRAFFIC LANES SHALL BE OPEN TO TRAFFIC WHEN CONSTRUCTION IS NOT BEING COMPLETED.

FRONTAGE ROAD  
CONSTRUCTION TYPICAL SECTION  
STAGE I (DAY TIME LANE CLOSURE)  
WALL 8, 9A, 9B

STA. 654+00.00 TO STA. 682+90.00 (8)  
STA. 685+50.00 TO STA. 690+50.00 (9A)  
STA. 728+00.00 TO STA. 767+00.00 (9C)

LIST OF TRAFFIC CONTROL STATE  
AND DISTRICT 1 STANDARDS

STATE

- 701101 OFF RD OPERATIONS, MULTI LANE 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701106 OFF RD OPERATIONS, MULTI LANE MORE THAN 15'(4.5m) FROM PAVEMENT EDGE
- 701400 APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701401 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411 LANE CLOSURE, MULTI LANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
- 701426 MULTI-LANE, INTERMITTENT OR MOVING OPERATION
- 701501 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901 TRAFFIC CONTROL DEVICES

DISTRICT 1

- TC12 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
- TC17 TRAFFIC CONTROL DETAILS FOR SHOULDER CLOSURES PARTIAL RAMP CLOSURES
- TC18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD

SUGGESTED STAGES OF  
CONSTRUCTION AND TRAFFIC CONTROL  
GENERAL NOTES AND DETAILS

SCALE: NONE  
DATE: 2-06-09

DRAWN BY: MMS  
CHECKED BY: DM





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

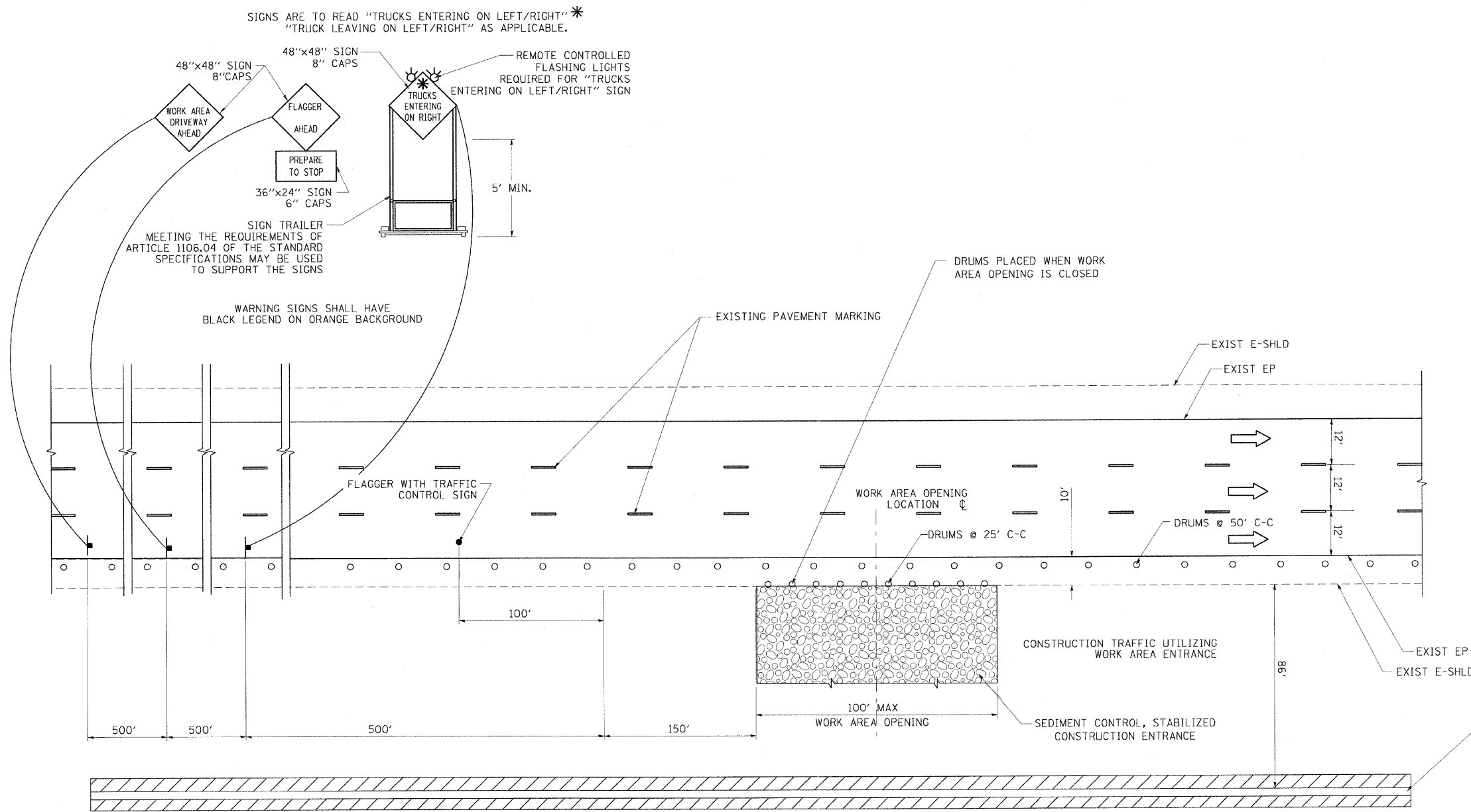


TABLE A  
WORK ZONE DRIVEWAY LOCATIONS

SUGGESTED SOUTH BOUND STATION	SUGGESTED NORTH BOUND STATION
	STA 758+00

THE WALL 9C FROM STA. 737+50 TO STA. 767+00 SHALL BE ACCESS FROM NB I-55 USING STATE STANDARDS 701101 AND 701106.

**LEGEND:**

- FLAGGER WITH TRAFFIC CONTROL SIGN
- ← DIRECTION OF TRAFFIC
- ⊥ SIGN ON SUPPORT
- DRUM W/ MONODIRECTIONAL STEADY BURN LIGHT
- ▨ WORK AREA

**HALF ROADWAY PLAN**  
(NOT TO SCALE)

**NOTES**

1. THE "FLAGGER AHEAD" AND "TRUCKS ENTERING OR TRUCKS LEAVING ON LEFT/RIGHT" SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN THE FLAGGING OPERATION CEASES.
2. THE FLASHING LIGHTS SHALL MEET THE REQUIREMENTS OF ARTICLE 702.05(G) AND BE OPERATED BY THE FLAGGER REMOTELY. THE LIGHTS SHALL BE FLASHING ONLY WHEN A VEHICLE IS ENTERING THE EXPRESSWAY.
3. ALL CONSTRUCTION VEHICLES SHALL EXIT THE WORK AREA AT A WORK AREA OPENING.
4. ALL CONSTRUCTION VEHICLES SHALL ENTER THE WORK AREA AT A WORK AREA ENTRANCE OPENING AND SHALL USE THEIR TURN SIGNALS TO WARN MOTORISTS.
5. THE CONTRACTOR SHALL PLACE DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHTS, SPACED AT 10' CENTERS, ACROSS THE WORK AREA OPENING WHEN THE WORK AREA OPENING IS CLOSED. THE COSTS OF INSTALLING, MAINTAINING AND REMOVING THESE DRUMS AND SIGNS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
6. WORK AREA OPENINGS SHALL NOT BE SIMULTANEOUSLY USED AS A WORK AREA ENTRANCE AND A WORK AREA EXIT.
7. THE CONTRACTOR SHALL CLOSE THE WORK AREA OPENING WHEN REVISING THE SIGNING FROM AN ENTRANCE TO AN EXIT AND FROM AN EXIT TO AN ENTRANCE.
8. A FLAGGER IS REQUIRED AT ALL TIMES UNLESS THE WORK AREA OPENING IS CLOSED. THE COST OF THE FLAGGER WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)".
9. THE TRAFFIC CONTROL WORK AND DEVICE NEEDED TO PROVIDE THE WORK AREA ENTRANCE SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
STAGING AND TRAFFIC CONTROL DETAIL  
FOR WORK AREA ENTRANCE/EXIT

SCALE: NONE  
DATE: 2-06-09  
DRAWN BY: DM  
CHECKED BY: DVS



EROSION AND SEDIMENT CONTROL GENERAL NOTES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.
7. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
  - (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRES LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS AND STORAGE AREAS.
  - (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
    - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
    - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE THE WORK ON TIME.
    - THE CONTRACTOR MUST COMPLY WITH ALL OTHER CONTRACT REQUIREMENTS.
8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
9. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH.
11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED, SILT FENCE STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.
13. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE VICINITY OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.
14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COSTS OF THE CONTROLS.
15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:
  - (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
  - (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.
  - (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.
17. SEEDING USAGE  
 TEMPORARY EROSION CONTROL SEEDING - USED ON SHORT TERM TEMPORARY SEEDING.  
 CLASS 2A - SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.  
 CLASS 4 - USED IN PERMANENT 1:2 SLOPES AND 1:3 SLOPES HIGHER THAN 10 FEET.
18. TOP SOIL PLACEMENT  
 TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE, NOR ON TEMPORARILY STEEP SLOPES.
19. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTERS".
20. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
21. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.
22. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
23. SEE PROPOSED DRAINAGE AND UTILITY PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.
24. THE ACTUAL NEED FOR TEMPORARY DRAINAGE FACILITIES, AS WELL AS THE STAGING OF THE PERMANENT DRAINAGE SYSTEM CONSTRUCTION, MAY BE MODIFIED BY THE RESIDENT ENGINEER, WHO SHALL BE CONSULTED BEFORE THE INSTALLATION. WHERE APPLICABLE, TEMPORARY STRUCTURE AND PIPE TABLES FOR THIS WORK ARE SHOWN ON THE EROSION CONTROL PLANS.
25. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS. COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS.

REVISIONS	
NAME	DATE





ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 EROSION AND SEDIMENT CONTROL  
 GENERAL NOTES

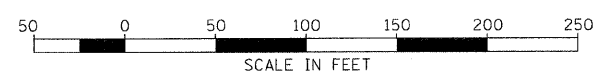
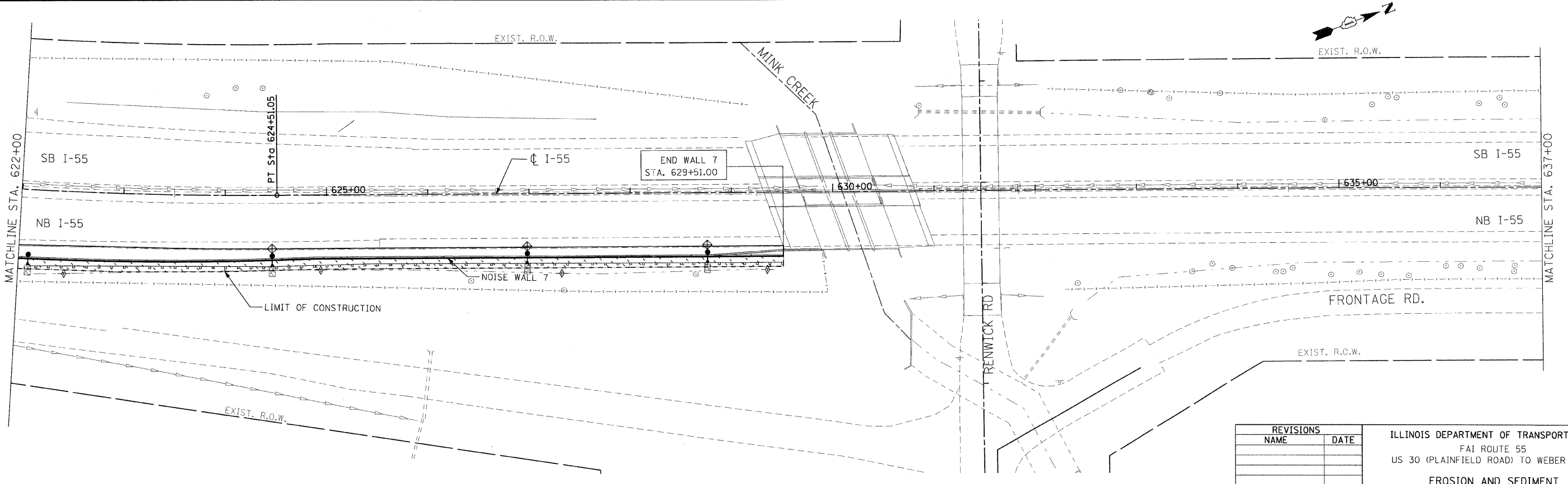
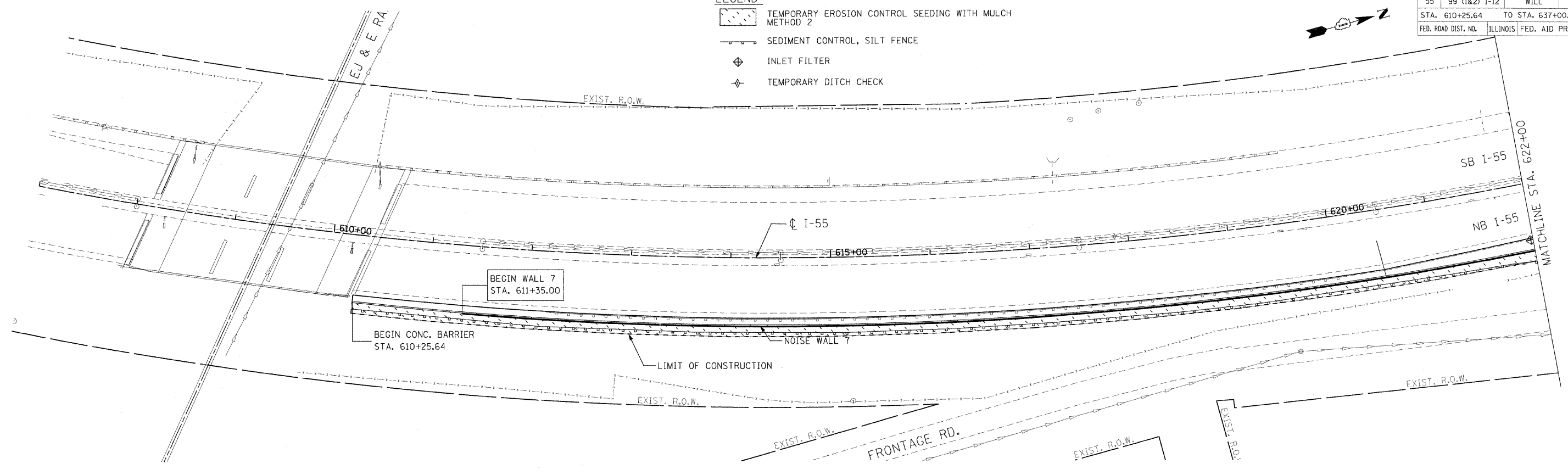


SCALE: NONE  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	43
STA. 610+25.64		TO STA. 637+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- LEGEND**
-  TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  -  SEDIMENT CONTROL, SILT FENCE
  -  INLET FILTER
  -  TEMPORARY DITCH CHECK







REVISIONS	
NAME	DATE

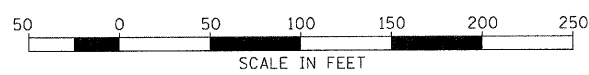
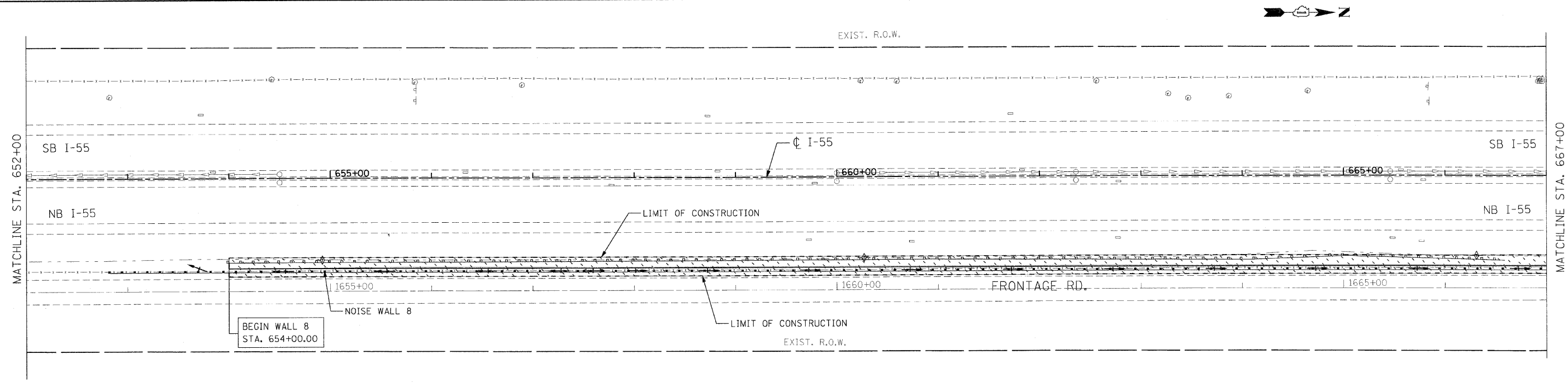
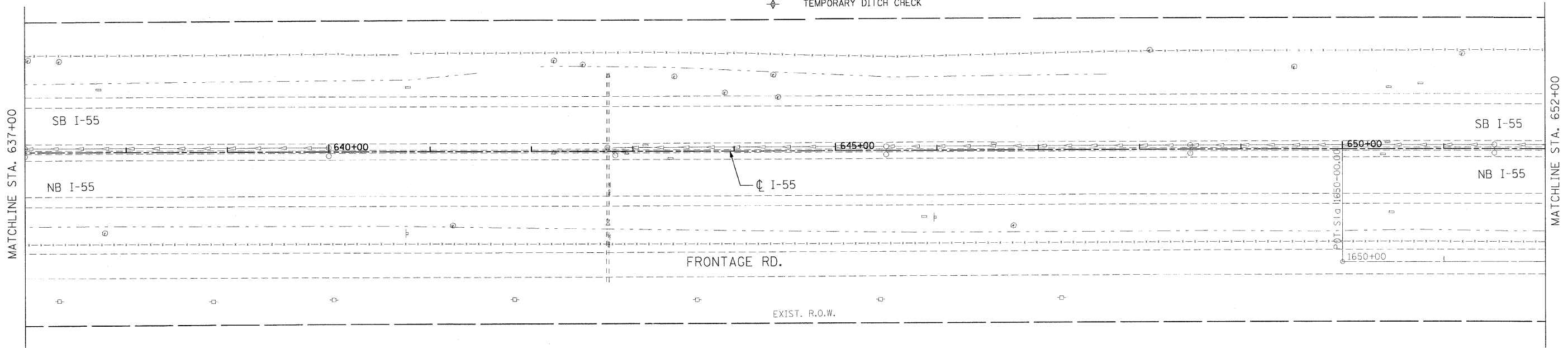
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
**EROSION AND SEDIMENT CONTROL PLAN**  
**NOISE WALL 7**  
 SCALE: 1" = 50'  
 DATE: 6-12-09  
 DRAWN BY: MMS  
 CHECKED BY: DM

**FINAL**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	44
STA. 637+00.00		TO STA. 667+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**LEGEND**

-  TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
-  SEDIMENT CONTROL, SILT FENCE
-  INLET FILTER
-  TEMPORARY DITCH CHECK

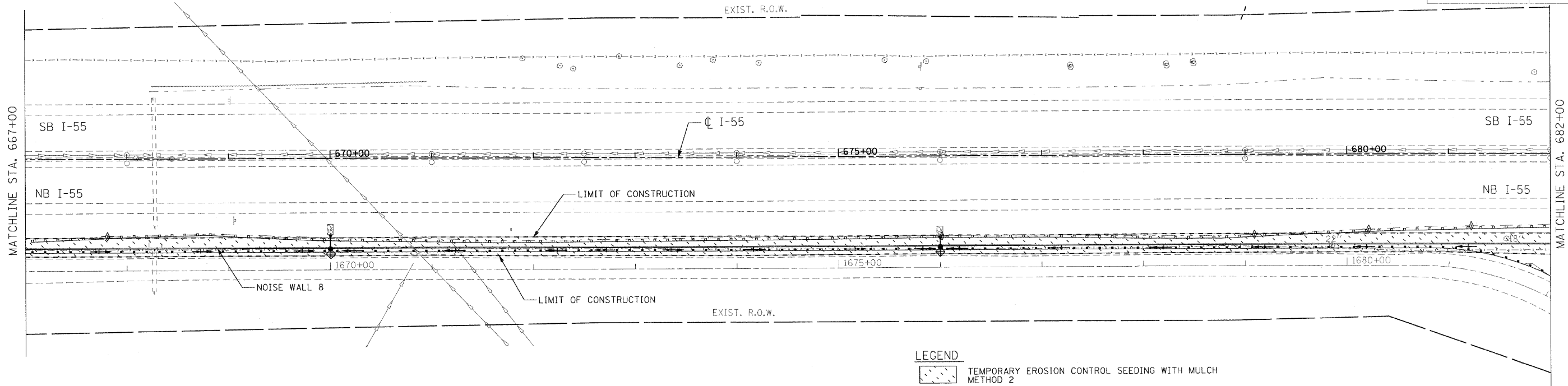
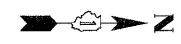


REVISIONS	
NAME	DATE

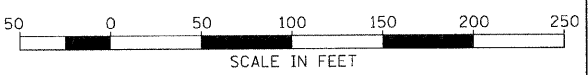
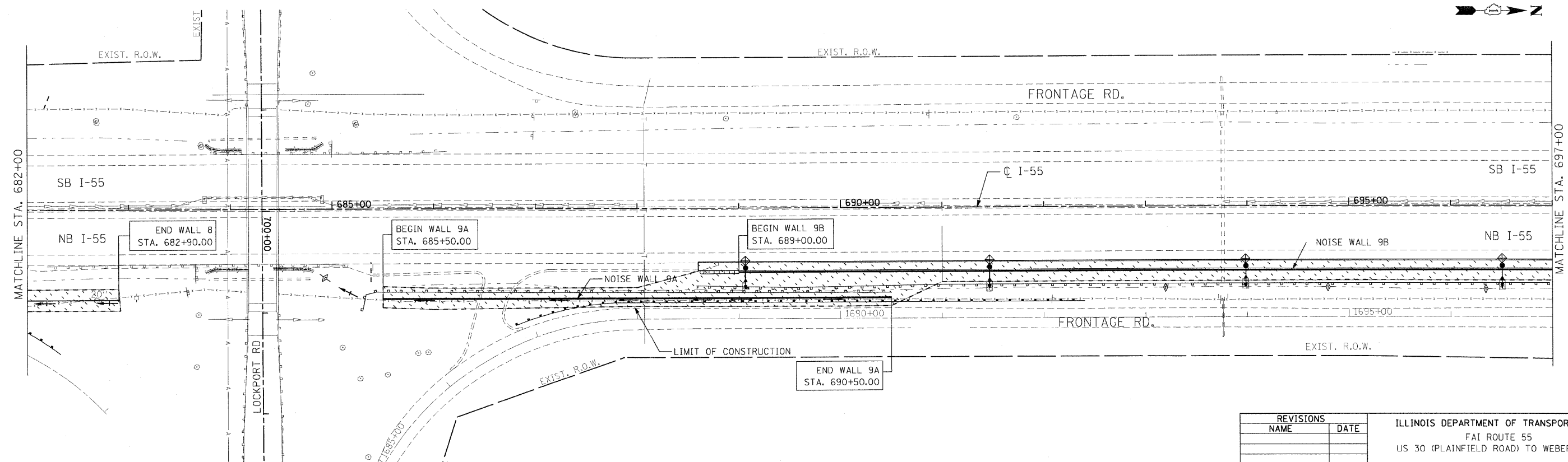
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 EROSION AND SEDIMENT CONTROL PLAN  
 NOISE WALL 8  
 SCALE: 1" = 50'  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) I-12	WILL	147	45
STA. 667+00.00 TO STA. 697+00.00				
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  - SEDIMENT CONTROL, SILT FENCE
  - INLET FILTER
  - TEMPORARY DITCH CHECK



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

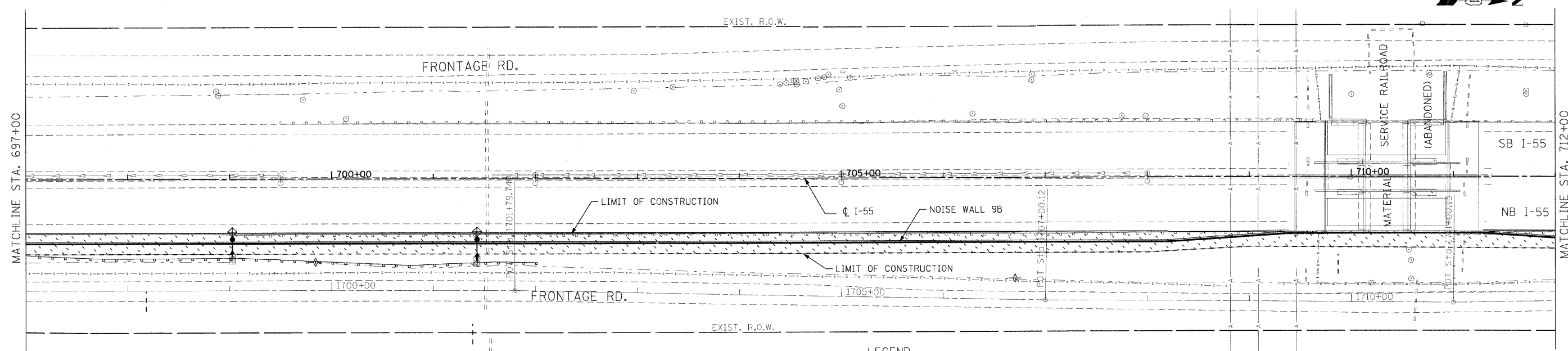
EROSION AND SEDIMENT  
 CONTROL PLAN  
 NOISE WALL 8, 9A & 9B

SCALE: 1" = 50'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

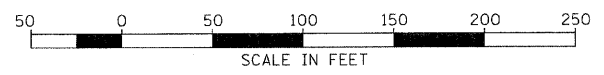
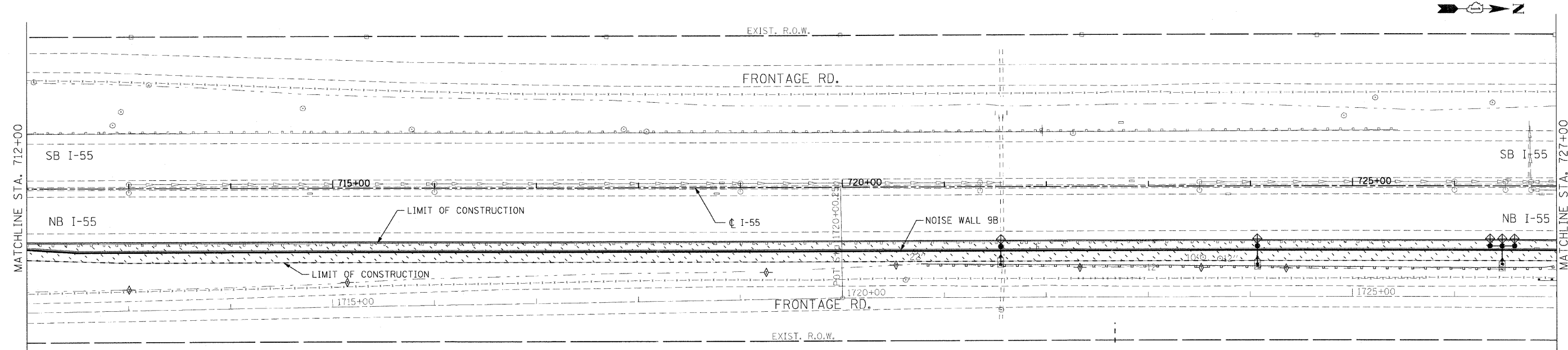
FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	46
STA. 697+00		TO STA. 727+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LEGEND**

- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
- SEDIMENT CONTROL, SILT FENCE
- INLET FILTER
- TEMPORARY DITCH CHECK

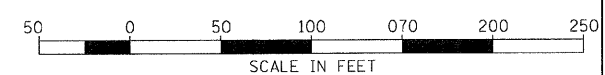
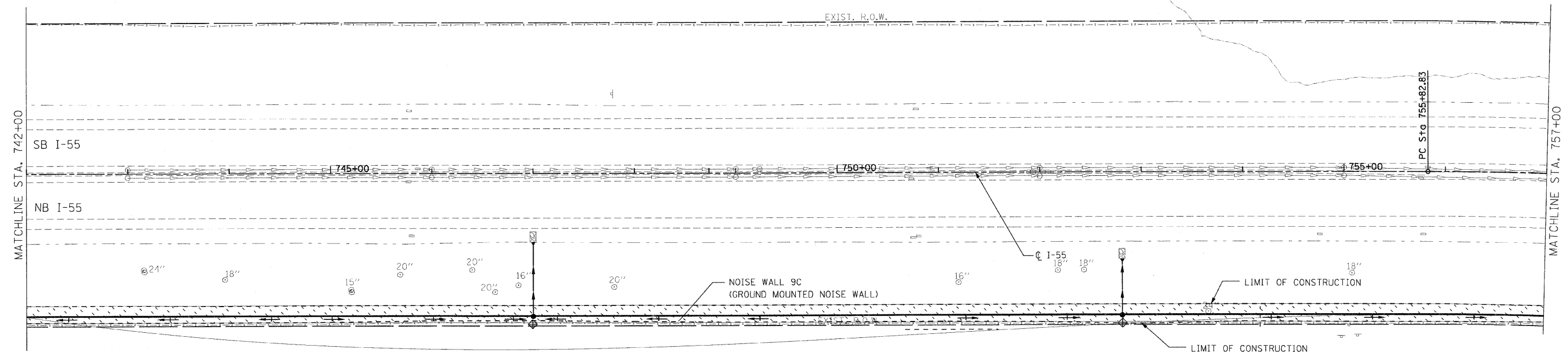
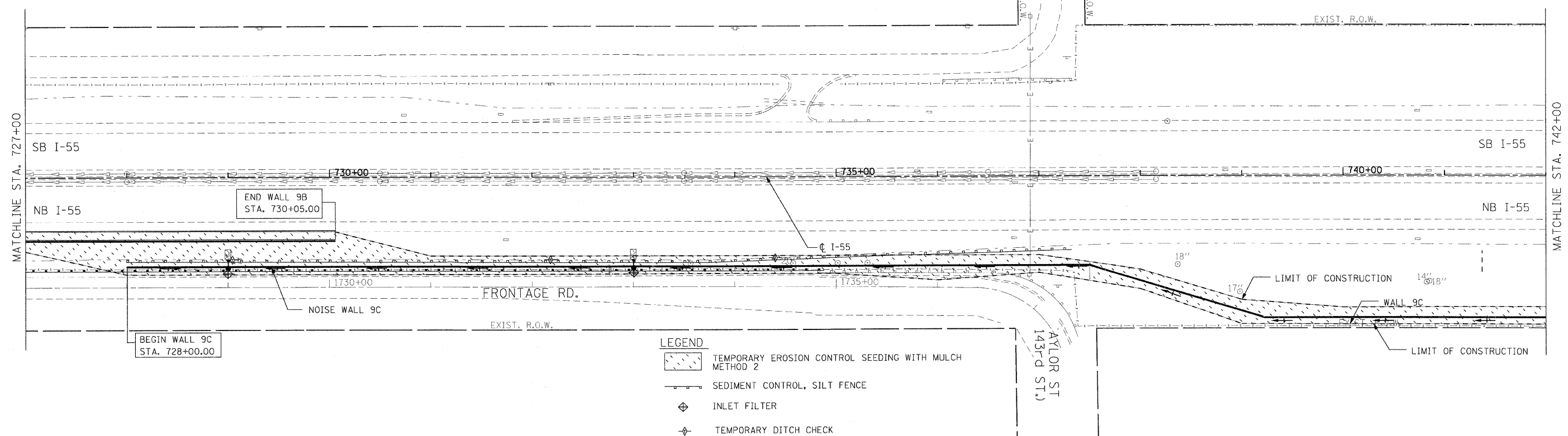


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 EROSION AND SEDIMENT CONTROL PLAN  
 NOISE WALL 9B  
 SCALE: 1" = 50'  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	47
STA. 727+00		TO STA. 757+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

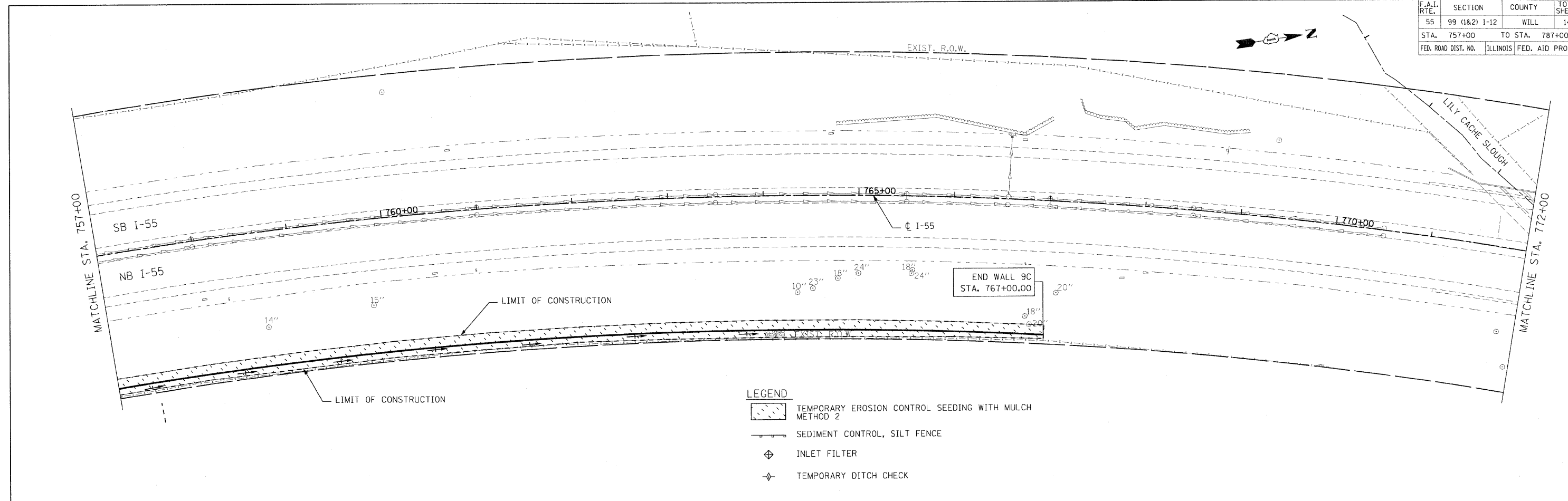
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 EROSION AND SEDIMENT CONTROL PLAN  
 NOISE WALL 9C

SCALE: 1" = 50'  
 DATE: 2-06-09

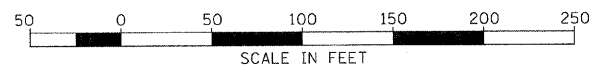
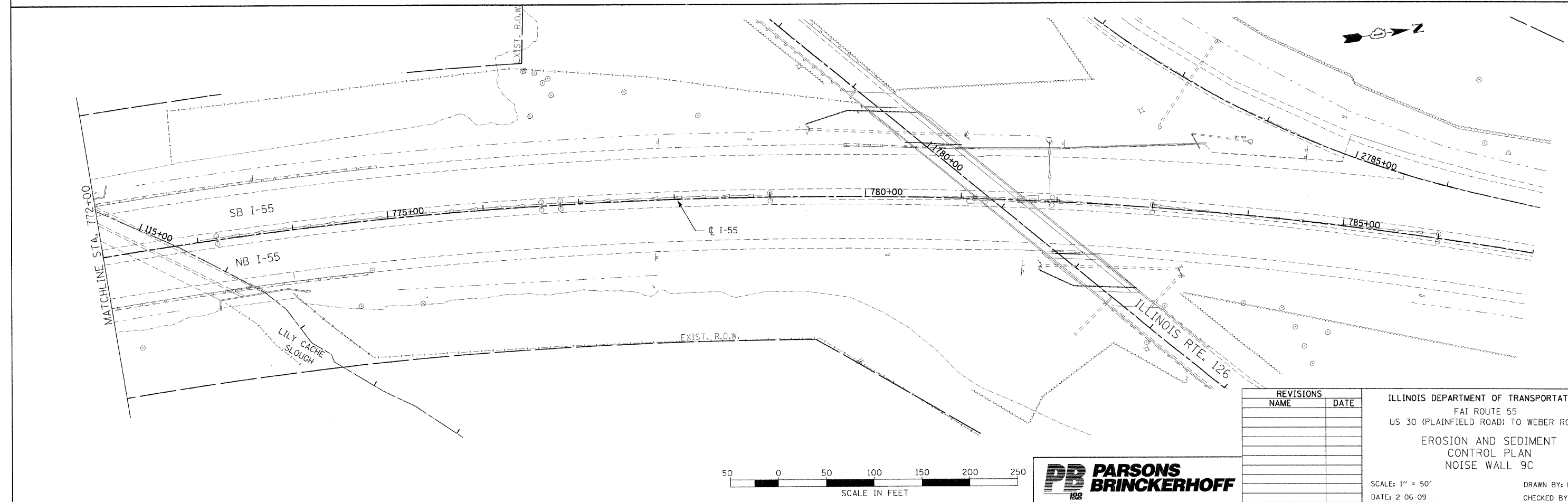
DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2)	I-12	147	48
STA. 757+00		TO STA. 787+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
  - SEDIMENT CONTROL, SILT FENCE
  - INLET FILTER
  - TEMPORARY DITCH CHECK



REVISIONS	
NAME	DATE

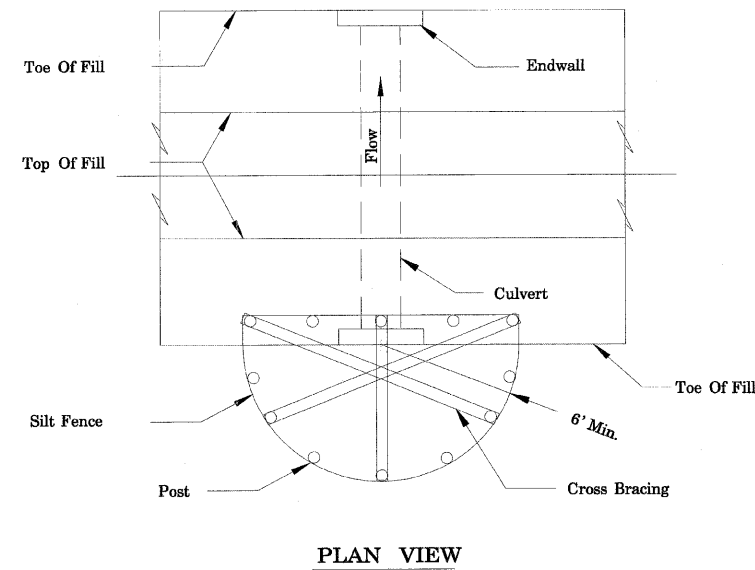
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 EROSION AND SEDIMENT CONTROL PLAN  
 NOISE WALL 9C  
 SCALE: 1" = 50'  
 DATE: 2-06-09  
 DRAWN BY: MMS  
 CHECKED BY: DM

FINAL



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	49
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**CULVERT INLET PROTECTION - SILT FENCE**

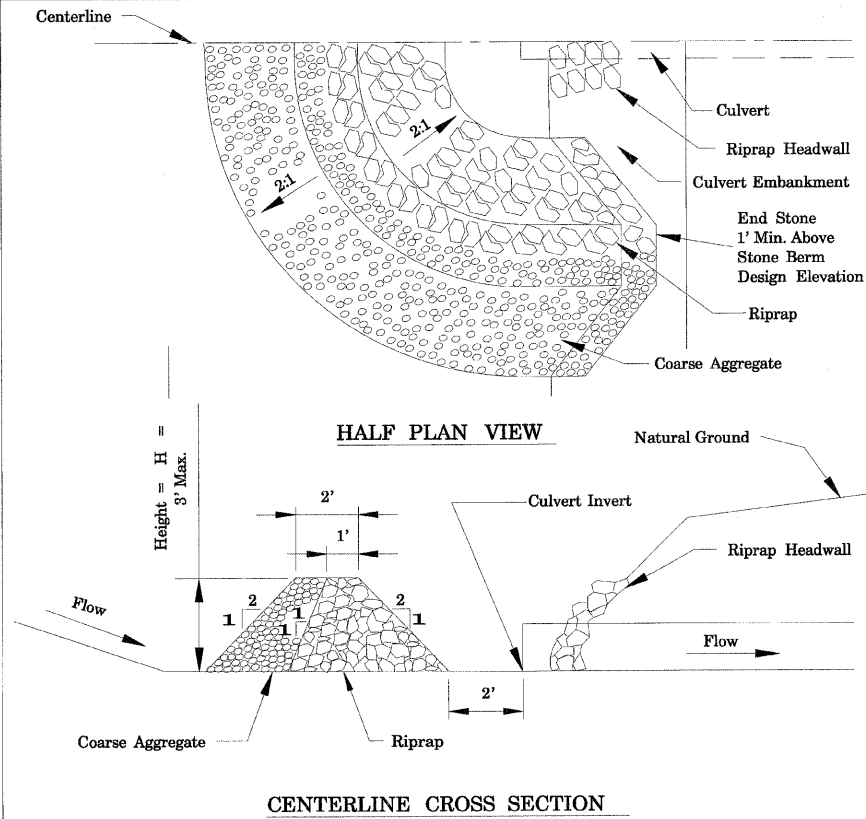


PLAN VIEW

NOTES:

- The silt fence shall meet the requirements as shown on standard drawing IL-620 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
- Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
- The maximum drainage area to the culvert being protected is 1 acre.

**CULVERT INLET PROTECTION - STONE**



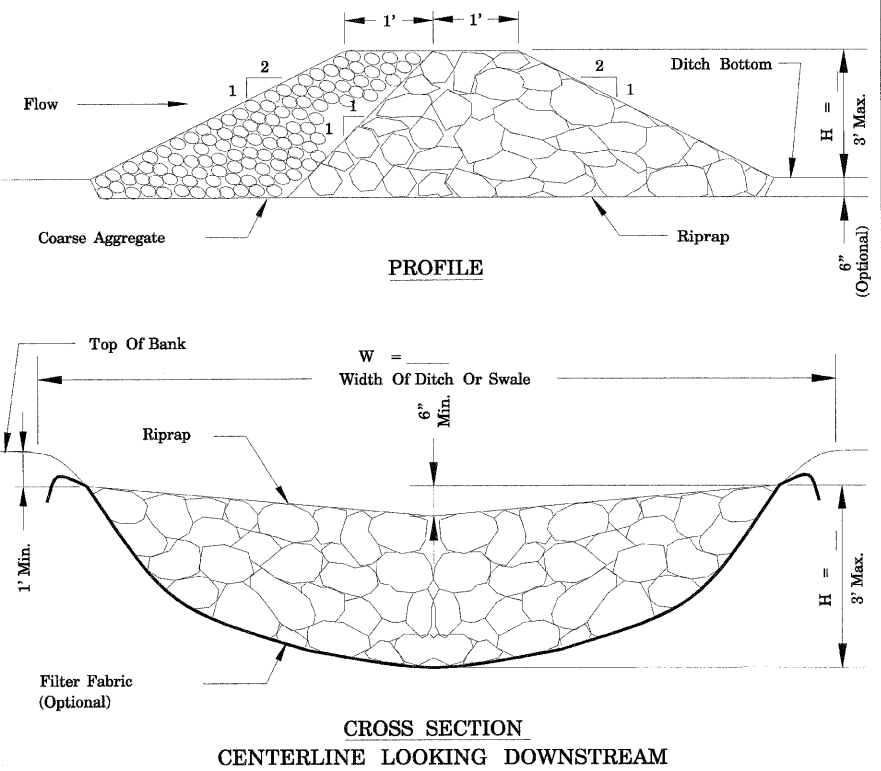
HALF PLAN VIEW

CENTERLINE CROSS SECTION

Notes:

- Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
- Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
- Riprap shall meet IDOT gradation RR-3 or RR-4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A.
- Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
- The maximum drainage area to the culvert being protected is 3 acres.
- See plans for H dimension.
- Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

**ROCK CHECK DAM - RIPRAP**



NOTES:

- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4.
- Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
- For added stability, the base of the dam may be keyed 6 inches into the soil. See plans for spacing of dams and H dimensions.
- Maximum drainage area to each dam is 10 acres.
- ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.
- 
- 
- 

Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-508SF
SHEET	1 OF 1
DATE	1-29-99

Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-508ST
SHEET	1 OF 1
DATE	1-29-99

Project	_____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-605R
SHEET	1 OF 1
DATE	1-29-99

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 EROSION AND SEDIMENT CONTROL  
 DETAILS

SCALE: 1" = 50'  
 DATE: 2-06-09

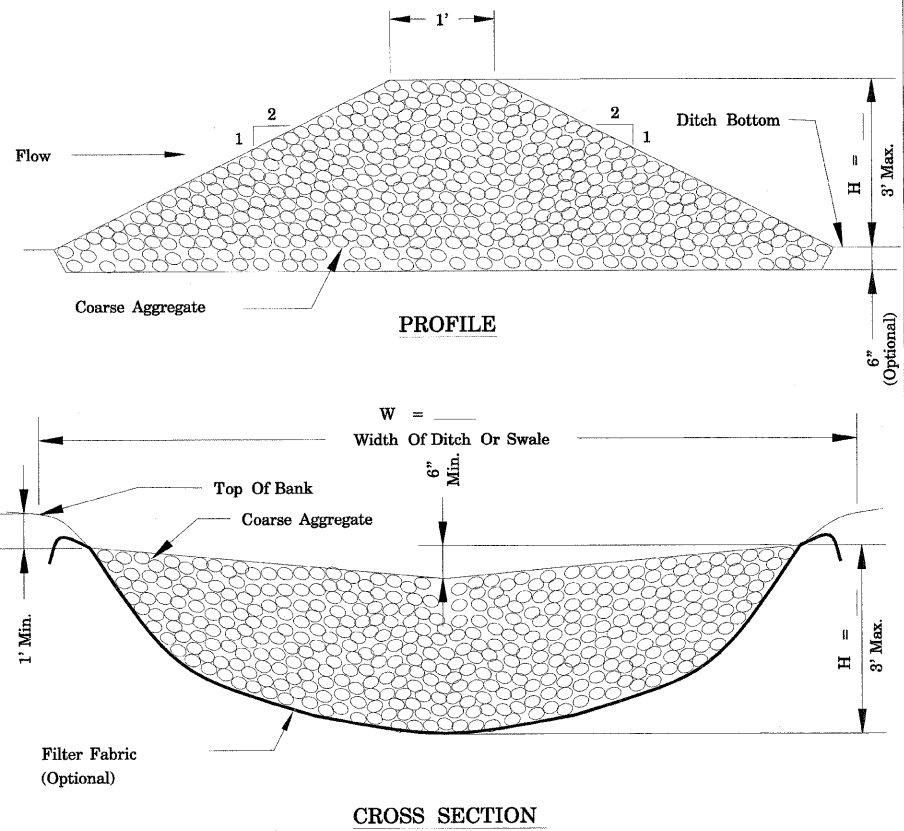
DRAWN BY: MMS  
 CHECKED BY: DM



FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

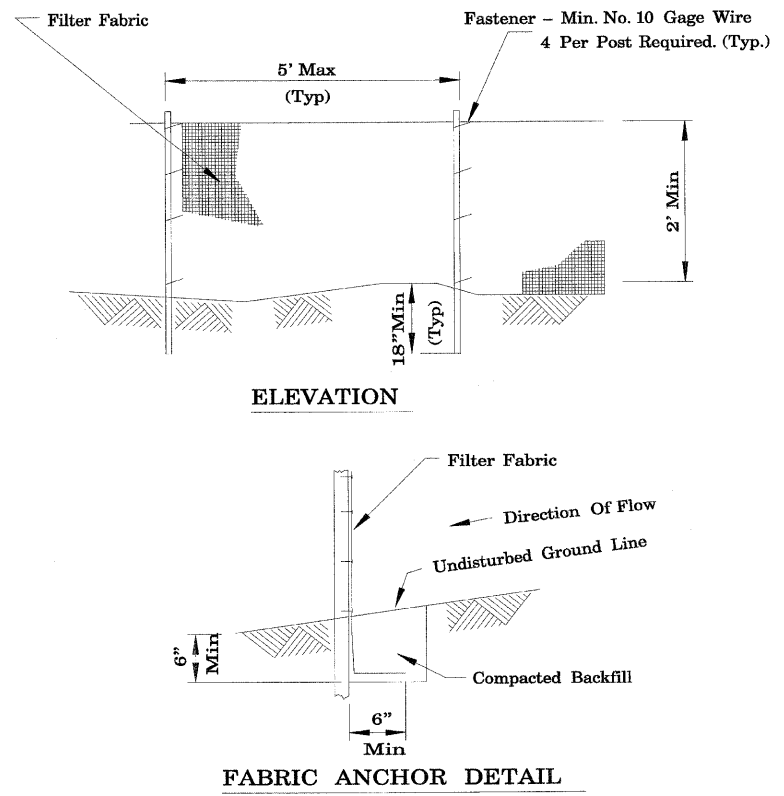
**ROCK CHECK DAM - COARSE AGGREGATE**



- NOTES:**
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction. For added stability, the base of the dam may be keyed 6 inches into the soil.
  2. See plans for spacing of dams and H dimensions.
  3. Drainage area to each dam shall be less than 2 acres.
  4. Use ROCK CHECK DAM-RIPRAP IL-605R for drainage areas of 2 to 10 acres.

REFERENCE Project _____ Date _____	<p><b>NRCS</b> Natural Resources Conservation Service</p>	STANDARD DWG. NO. IL-605CA
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 1-29-99
Approved _____ Date _____		

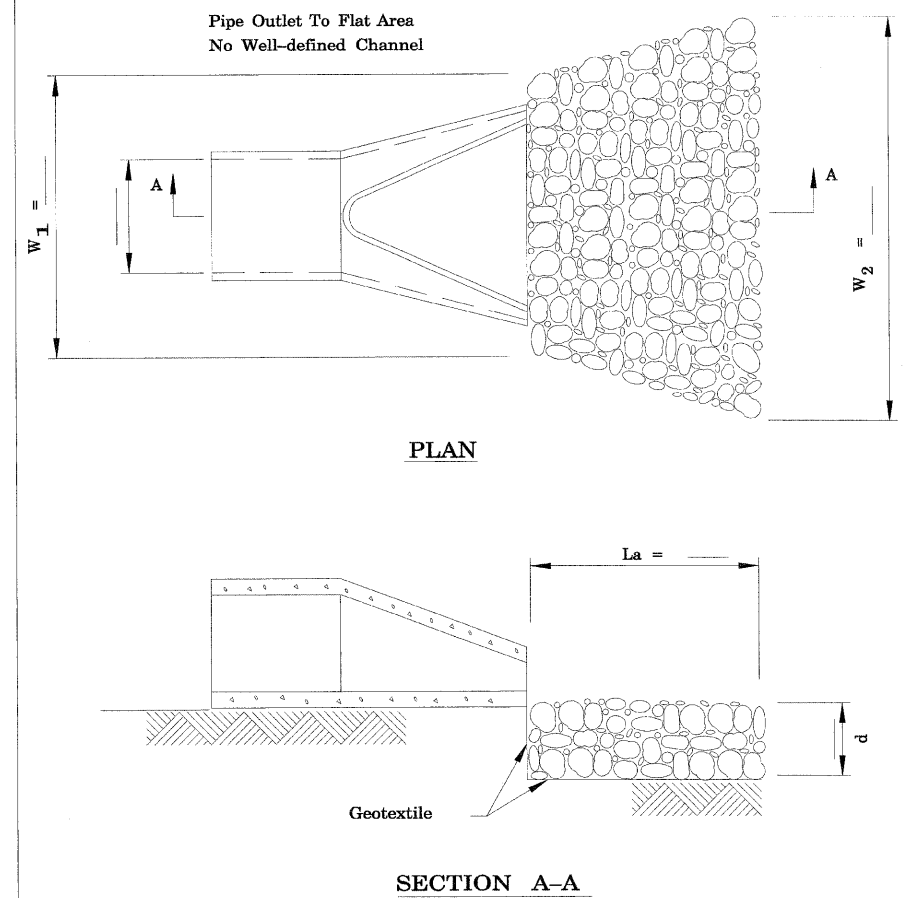
**SILT FENCE PLAN**



- NOTES:**
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
  2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class with equivalent opening size of at least 30 for nonwoven and 50 for woven.
  3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE Project _____ Date _____	<p><b>NRCS</b> Natural Resources Conservation Service</p>	STANDARD DWG. NO. IL-620
Designed _____ Date _____		SHEET 1 OF 2
Checked _____ Date _____		DATE 11-20-01
Approved _____ Date _____		

**PIPE OUTLET TO FLAT AREA**



- NOTES:**
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class , or . I II III
  2. The rock riprap shall meet the IDOT requirements for the following gradation: RR , Quality
  3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE Project _____ Date _____	<p><b>NRCS</b> Natural Resources Conservation Service</p>	STANDARD DWG. NO. IL-610
Designed _____ Date _____		SHEET 1 OF 1
Checked _____ Date _____		DATE 9-15-93
Approved _____ Date _____		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 EROSION AND SEDIMENT CONTROL  
 DETAILS

SCALE: 1" = 50'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

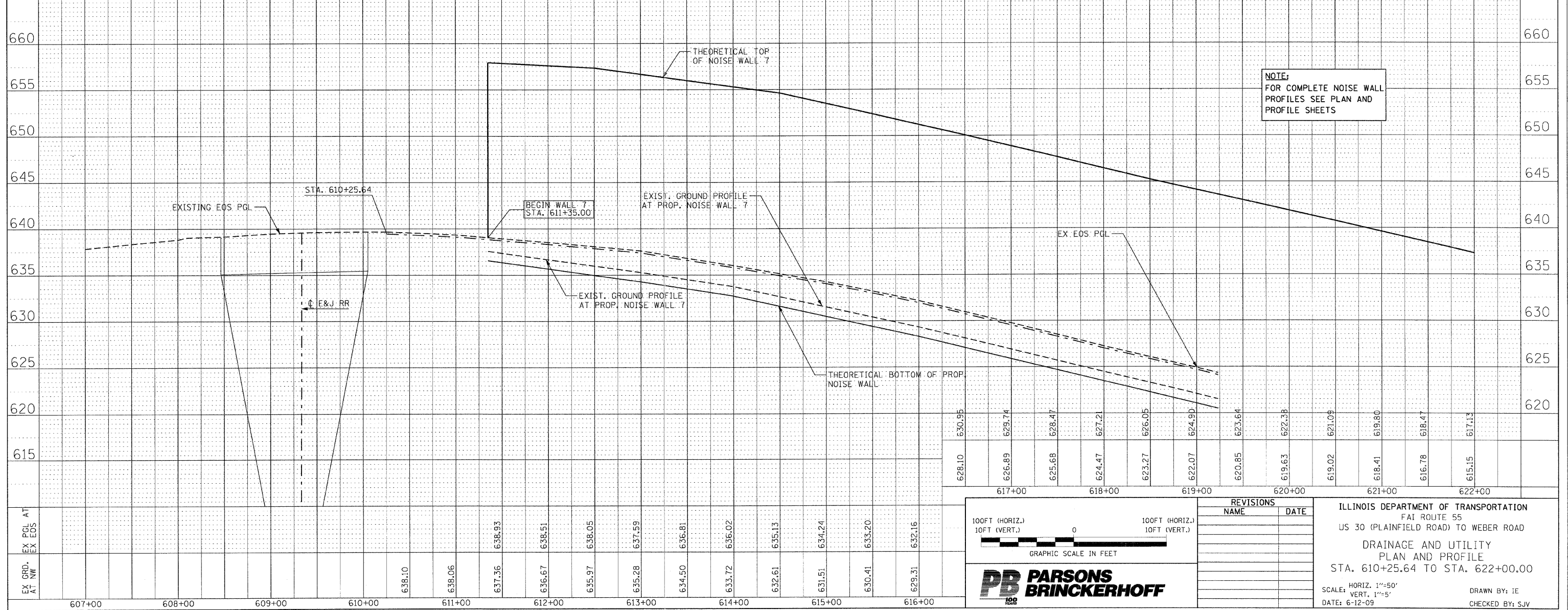
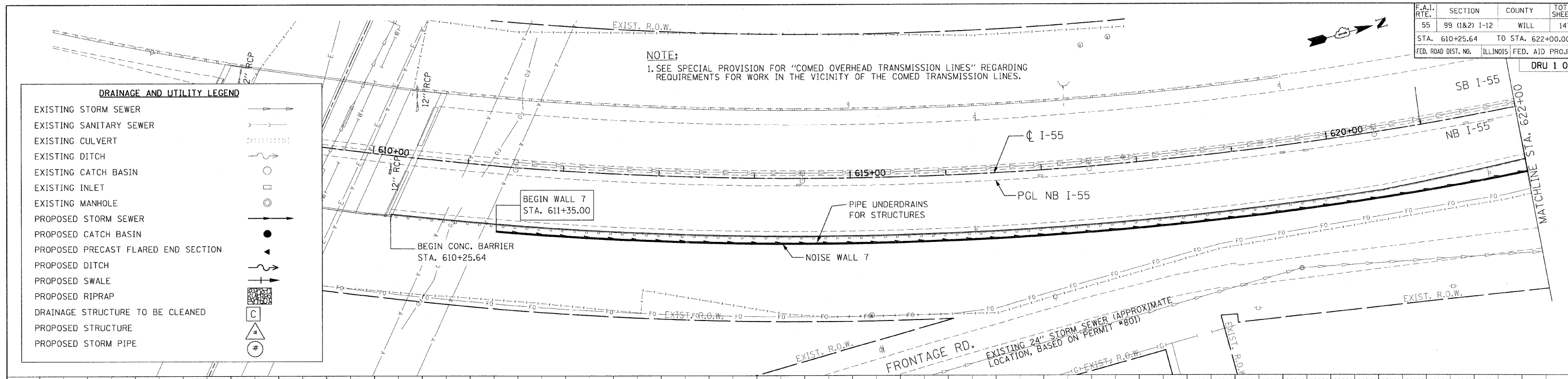


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	51
STA. 610+25.64		TO STA. 622+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**NOTE:**  
1. SEE SPECIAL PROVISION FOR "COMED OVERHEAD TRANSMISSION LINES" REGARDING REQUIREMENTS FOR WORK IN THE VICINITY OF THE COMED TRANSMISSION LINES.

**DRAINAGE AND UTILITY LEGEND**

EXISTING STORM SEWER	
EXISTING SANITARY SEWER	
EXISTING CULVERT	
EXISTING DITCH	
EXISTING CATCH BASIN	
EXISTING INLET	
EXISTING MANHOLE	
PROPOSED STORM SEWER	
PROPOSED CATCH BASIN	
PROPOSED PRECAST FLARED END SECTION	
PROPOSED DITCH	
PROPOSED SWALE	
PROPOSED RIPRAP	
DRAINAGE STRUCTURE TO BE CLEANED	
PROPOSED STRUCTURE	
PROPOSED STORM PIPE	



**NOTE:**  
FOR COMPLETE NOISE WALL PROFILES SEE PLAN AND PROFILE SHEETS

100FT (HORIZ.)  
10FT (VERT.)

0

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

**PB PARSONS BRINCKERHOFF**

REVISIONS	
NAME	DATE

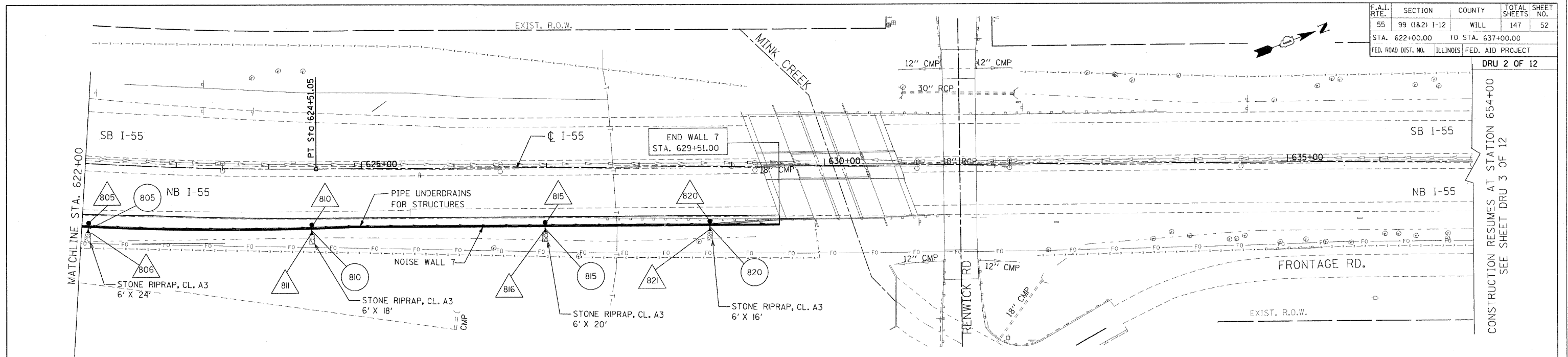
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 610+25.64 TO STA. 622+00.00

SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

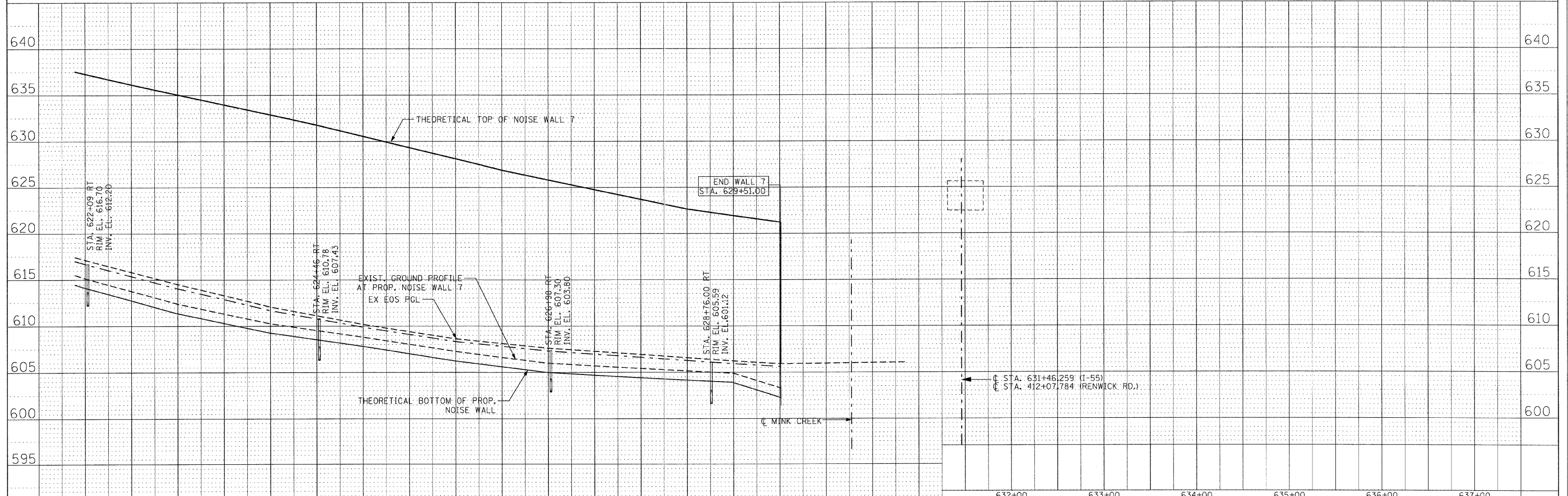
DATE: 6-12-09

DRAWN BY: IE  
CHECKED BY: SJV

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	52
STA. 622+00.00 TO STA. 637+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



CONSTRUCTION RESUMES AT STATION 654+00  
SEE SHEET DRU 3 OF 12



622+00	617.13	615.82	614.51	613.29	612.07	611.13	610.18	609.40	608.62	608.11	607.60	607.27	606.93	606.58	606.23	605.92	605.97	606.03
623+00	615.15	613.77	612.38	611.33	610.27	609.54	608.80	608.02	607.24	606.61	605.99	605.70	605.41	605.16	604.90	603.32		

100FT (HORIZ.)  
10FT (VERT.)

0

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD

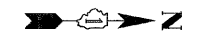
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 622+00.00 TO STA. 637+00.00

SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

DATE: 6-12-09

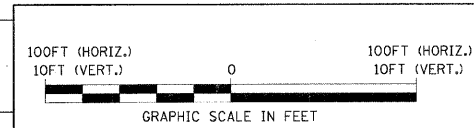
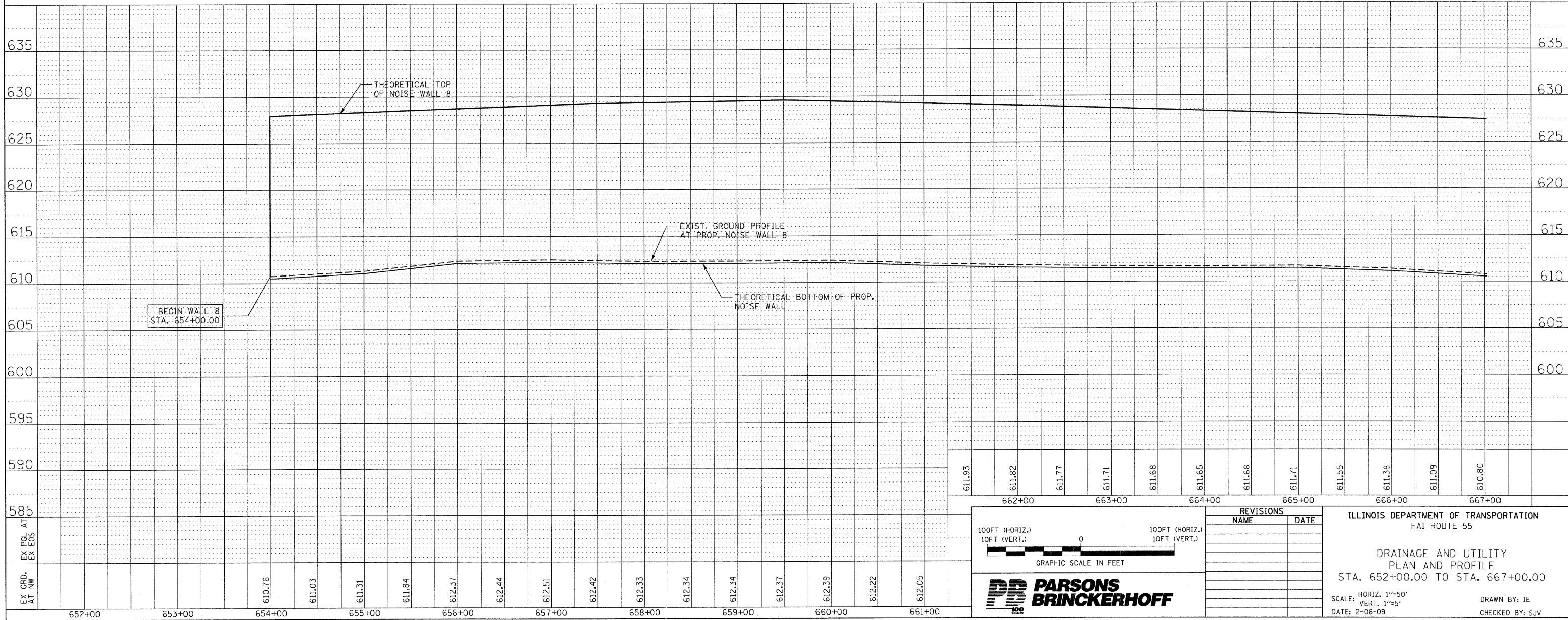
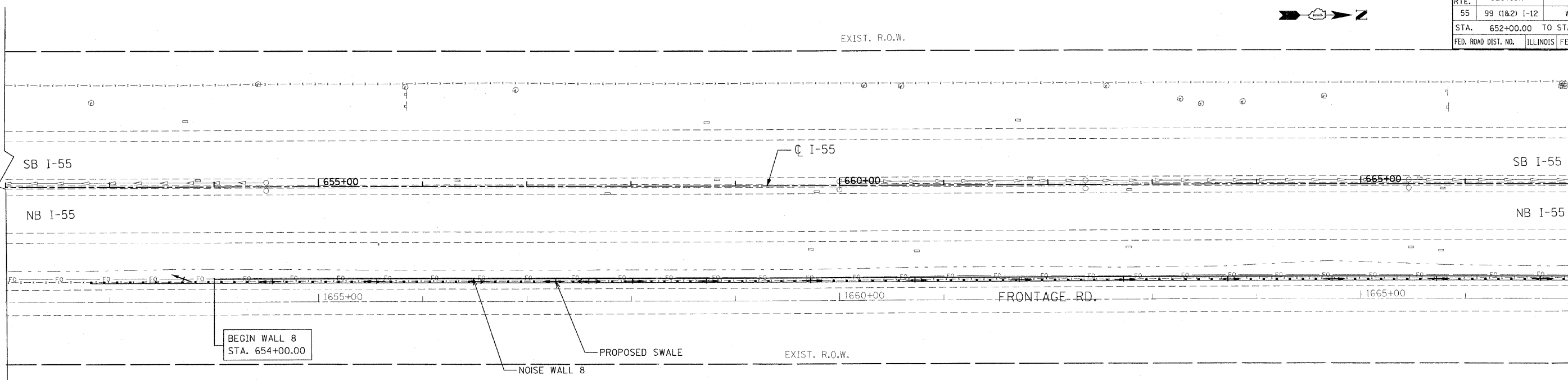
DRAWN BY: IE  
CHECKED BY: SJV

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	53
STA. 652+00.00 TO STA. 667+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



CONSTRUCTION RESUMES AT STATION 654+00  
SEE SHEET DRU 2 OF 12

MATCHLINE STA. 667+00

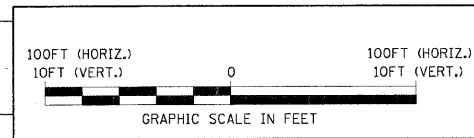
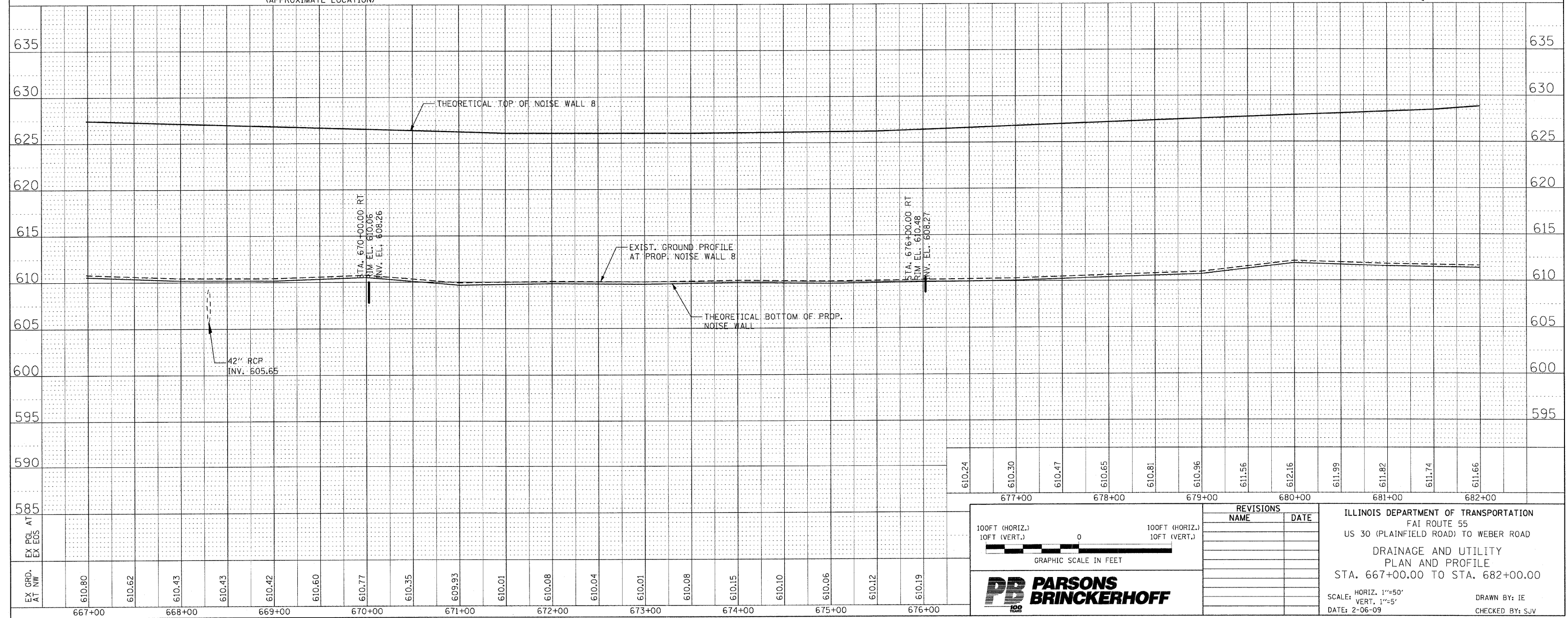
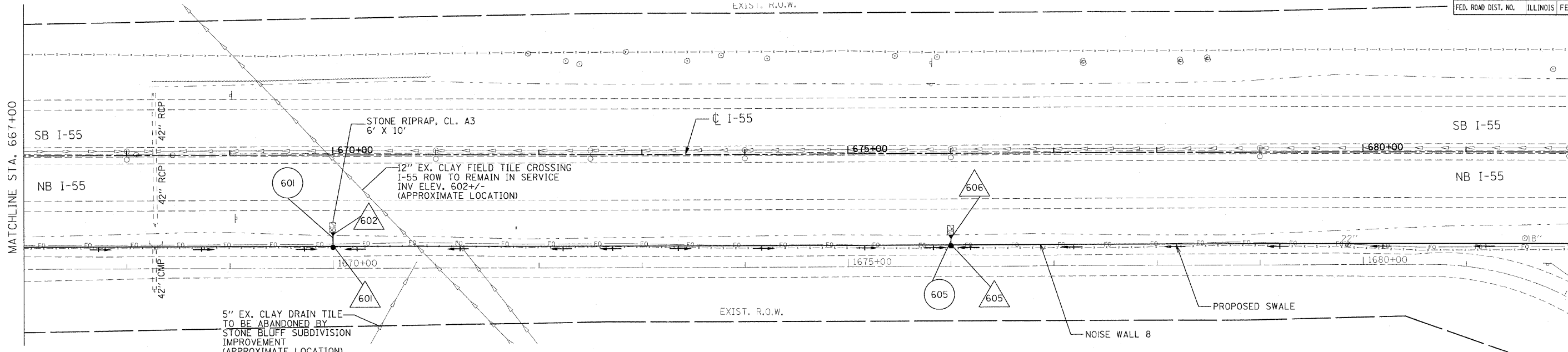


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 652+00.00 TO STA. 667+00.00  
SCALE: HORIZ. 1"=50'  
VERT. 1"=5'  
DATE: 2-06-09  
DRAWN BY: IE  
CHECKED BY: SJV

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) I-12	WILL	147	54
STA. 667+00.00		TO STA. 682+00.00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



REVISIONS	
NAME	DATE

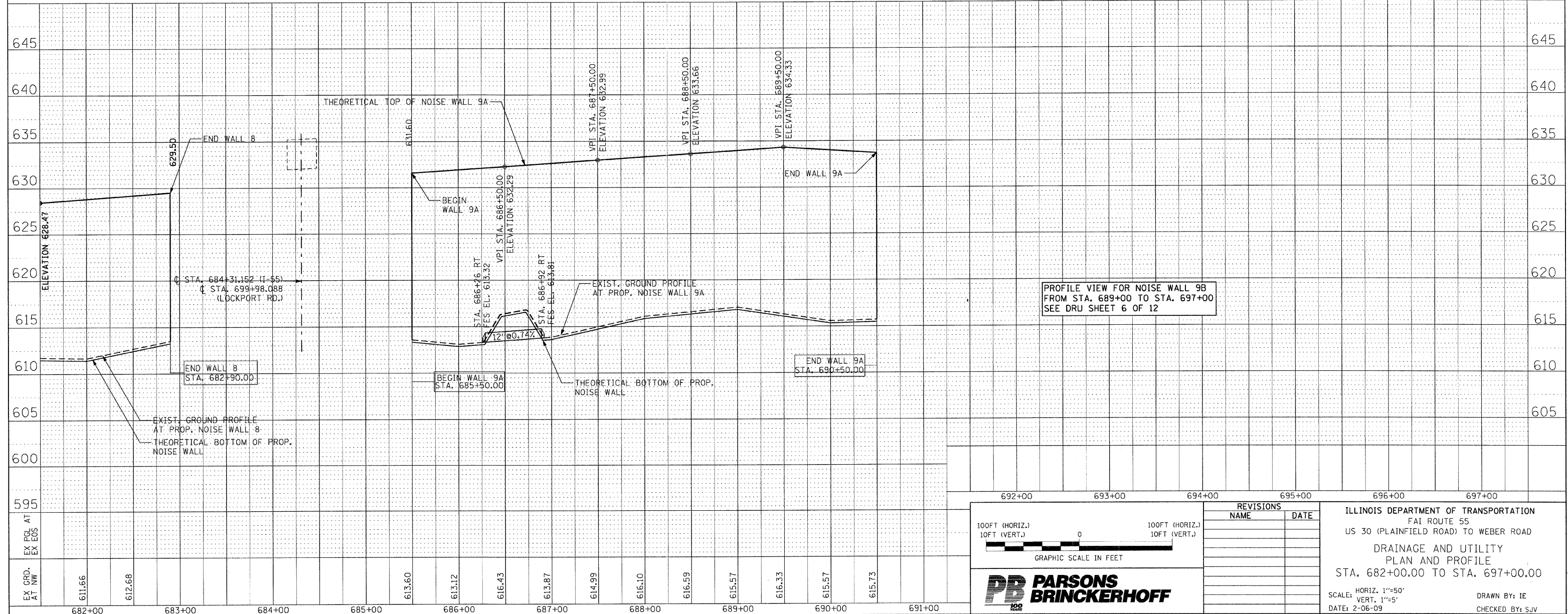
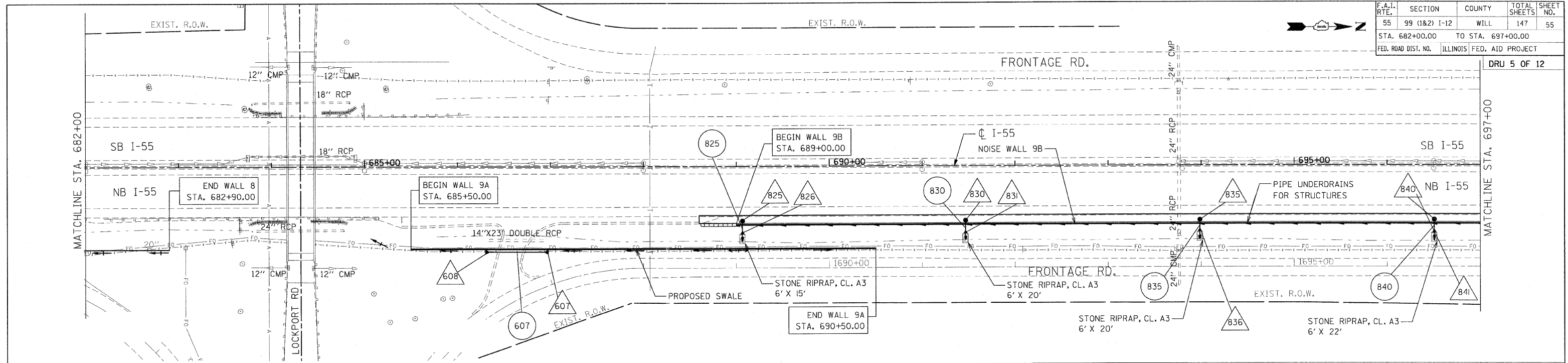
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 667+00.00 TO STA. 682+00.00

SCALE: HORIZ. 1"=50'  
VERT. 1"=5'  
DATE: 2-06-09

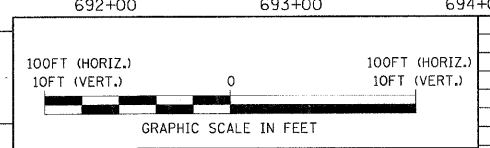
DRAWN BY: IE  
CHECKED BY: SJV



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	55
STA. 682+00.00		TO STA. 697+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PROFILE VIEW FOR NOISE WALL 9B FROM STA. 689+00 TO STA. 697+00 SEE DRU SHEET 6 OF 12



REVISIONS	
NAME	DATE

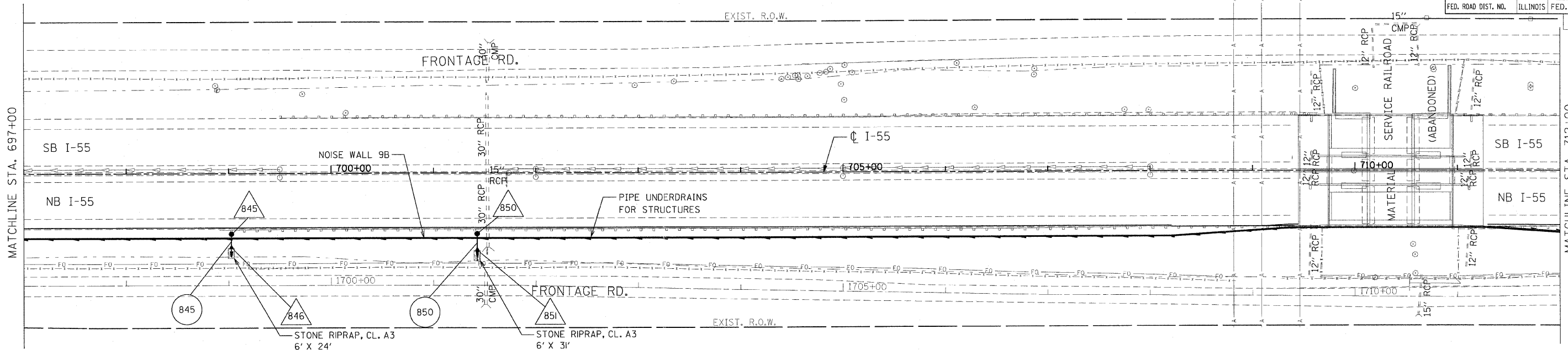
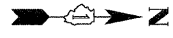
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 DRAINAGE AND UTILITY  
 PLAN AND PROFILE  
 STA. 682+00.00 TO STA. 697+00.00  
 SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'  
 DATE: 2-06-09  
 DRAWN BY: IE  
 CHECKED BY: SJV







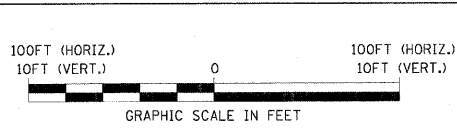
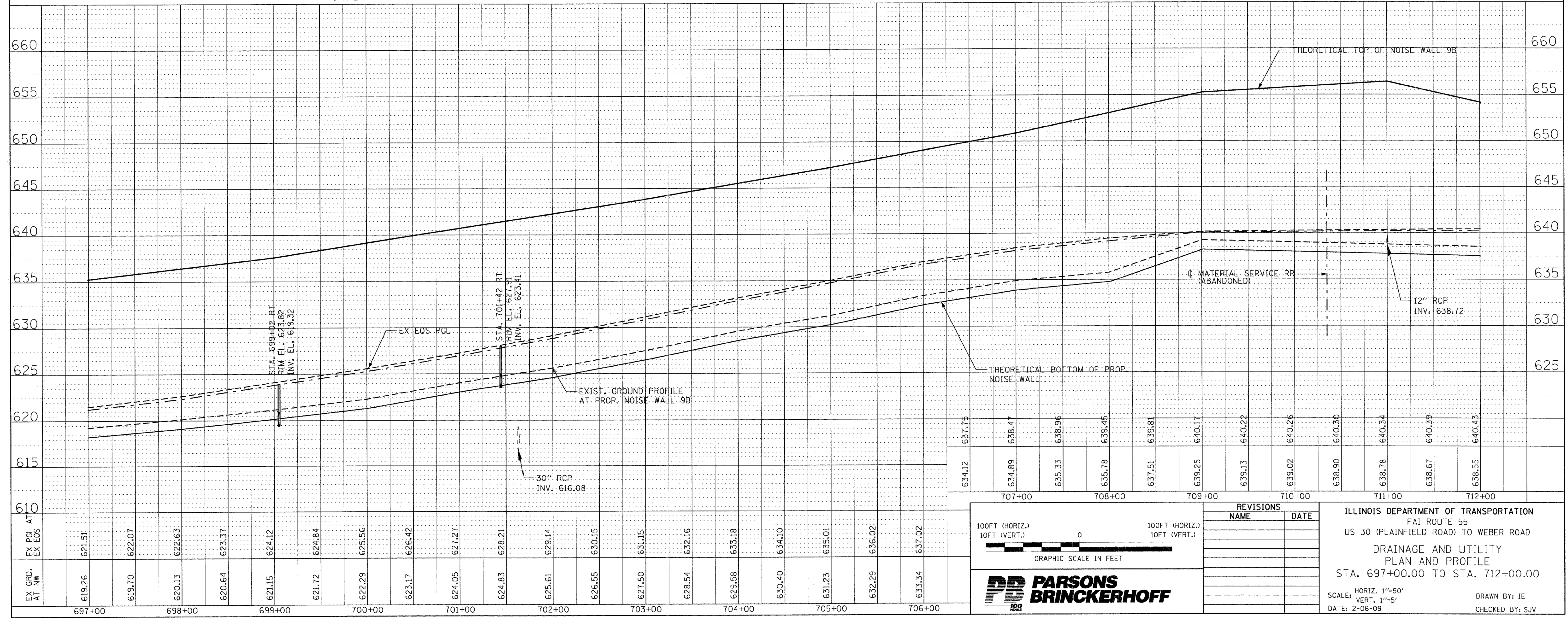
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&T) I-12	WILL	147	57
STA. 697+00.00 TO STA. 712+00.00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



MATCHLINE STA. 697+00

MATCHLINE STA. 712+00

DRU 7 OF 12



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 697+00.00 TO STA. 712+00.00

SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

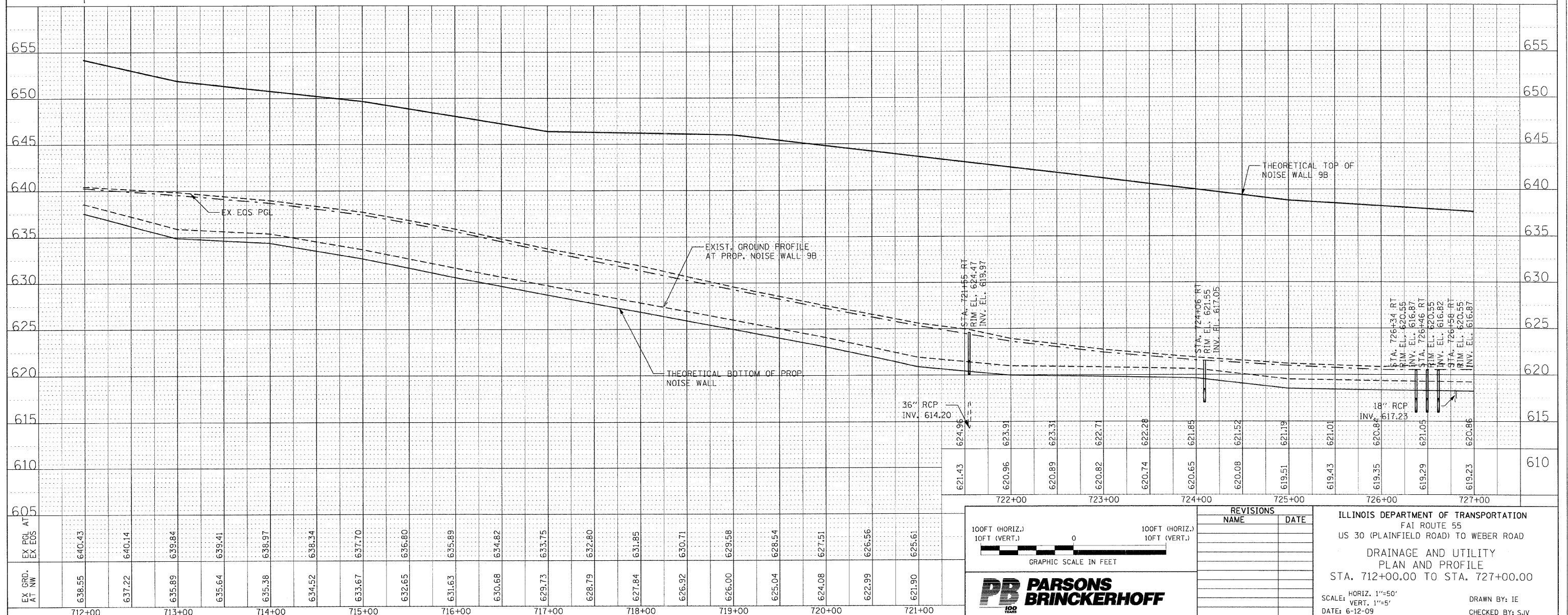
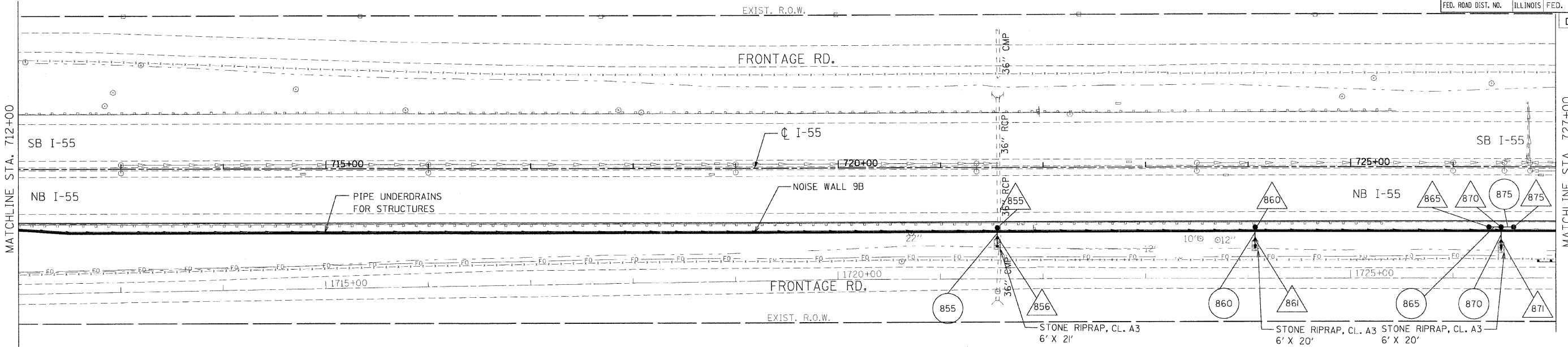
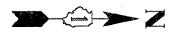
DATE: 2-06-09

DRAWN BY: IE  
CHECKED BY: SJV



FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	58
STA. 712+00.00 TO STA. 727+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



EX. PGL AT EX. EOS	640.43	640.14	639.84	639.41	638.97	638.34	637.70	636.80	635.89	634.82	633.75	632.80	631.85	630.71	629.58	628.54	627.51	626.56	625.61
EX. GRD. AT NW	638.55	637.22	635.89	635.64	635.38	634.52	633.67	632.65	631.63	630.68	629.73	628.79	627.84	626.92	626.00	625.04	624.08	622.99	621.90

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

**PARSONS BRINCKERHOFF**

REVISIONS	
NAME	DATE

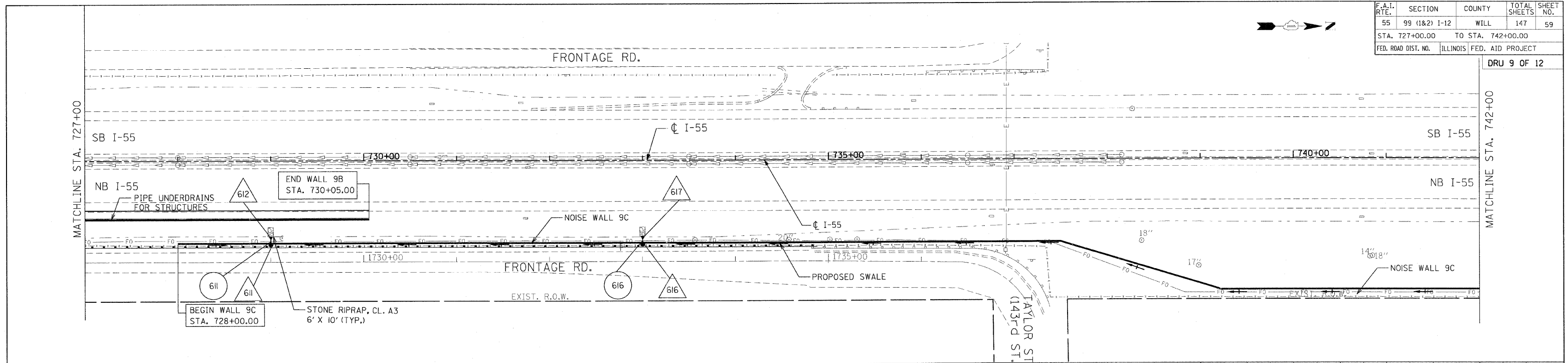
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 712+00.00 TO STA. 727+00.00

SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

DATE: 6-12-09

DRAWN BY: IE  
CHECKED BY: SJV

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	59
STA. 727+00.00		TO STA. 742+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



100FT (HORIZ.)  
10FT (VERT.)

0

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 727+00.00 TO STA. 742+00.00

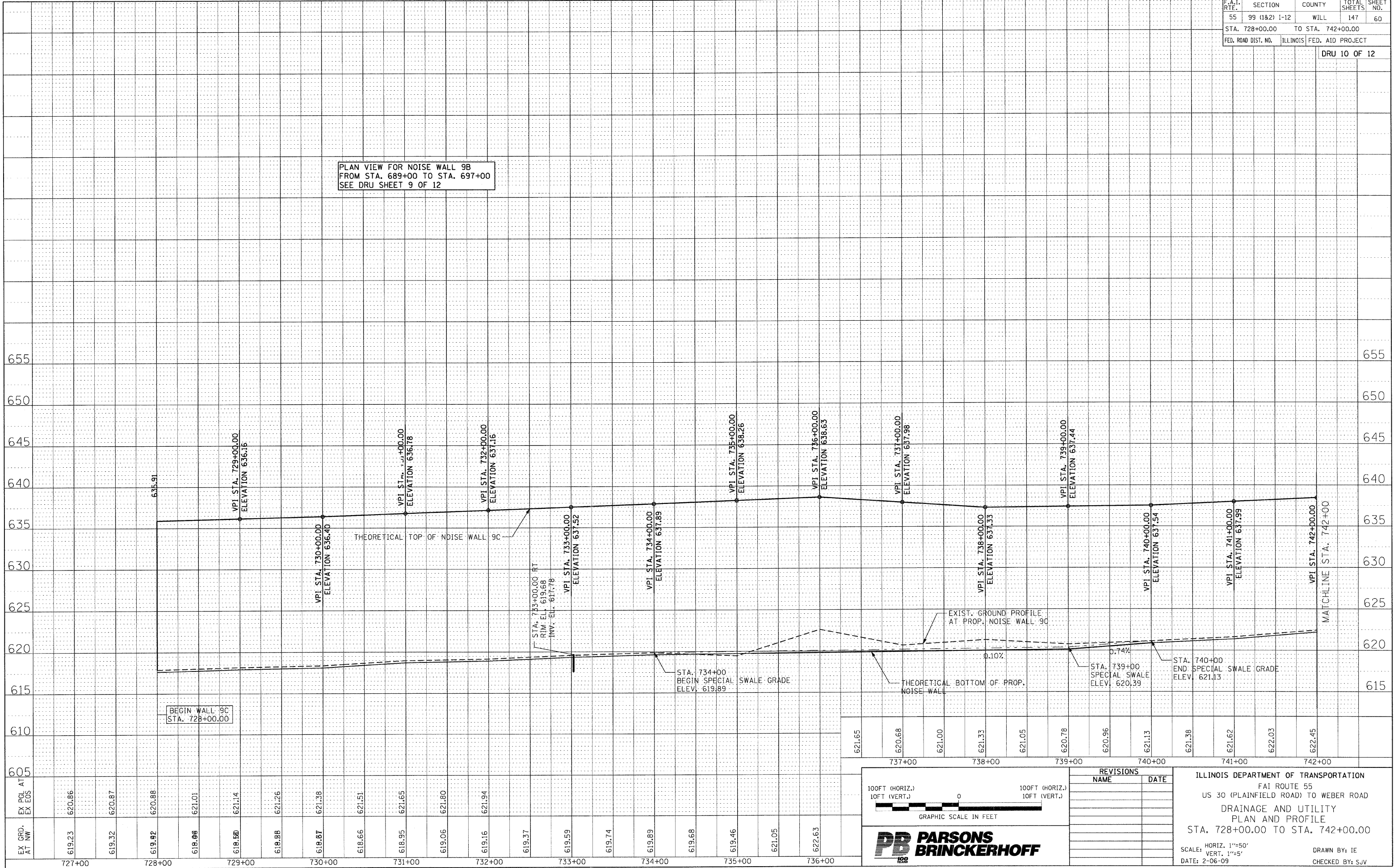
SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

DATE: 2-06-09

DRAWN BY: IE  
CHECKED BY: SJV

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	60
STA. 728+00.00		TO STA. 742+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
DRU 10 OF 12				

PLAN VIEW FOR NOISE WALL 9B  
FROM STA. 689+00 TO STA. 697+00  
SEE DRU SHEET 9 OF 12



BEGIN WALL 9C  
STA. 728+00.00

STA. 733+00.00 RT  
RIM ELEV. 619.68  
INV. ELEV. 617.78

STA. 734+00  
BEGIN SPECIAL SWALE GRADE  
ELEV. 619.89

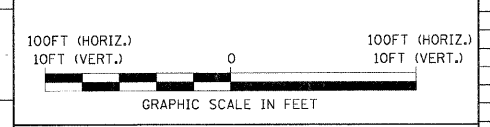
EXIST. GROUND PROFILE  
AT PROP. NOISE WALL 9C

THEORETICAL BOTTOM OF PROP.  
NOISE WALL

STA. 739+00  
SPECIAL SWALE  
ELEV. 620.39

STA. 740+00  
END SPECIAL SWALE GRADE  
ELEV. 621.13

621.65	620.68	621.00	621.33	621.05	620.78	620.96	621.13	621.38	621.62	622.03	622.45
737+00	738+00	739+00	740+00	741+00	742+00						



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 728+00.00 TO STA. 742+00.00

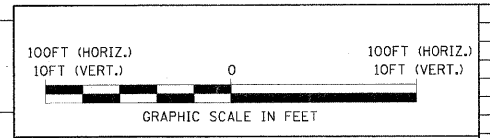
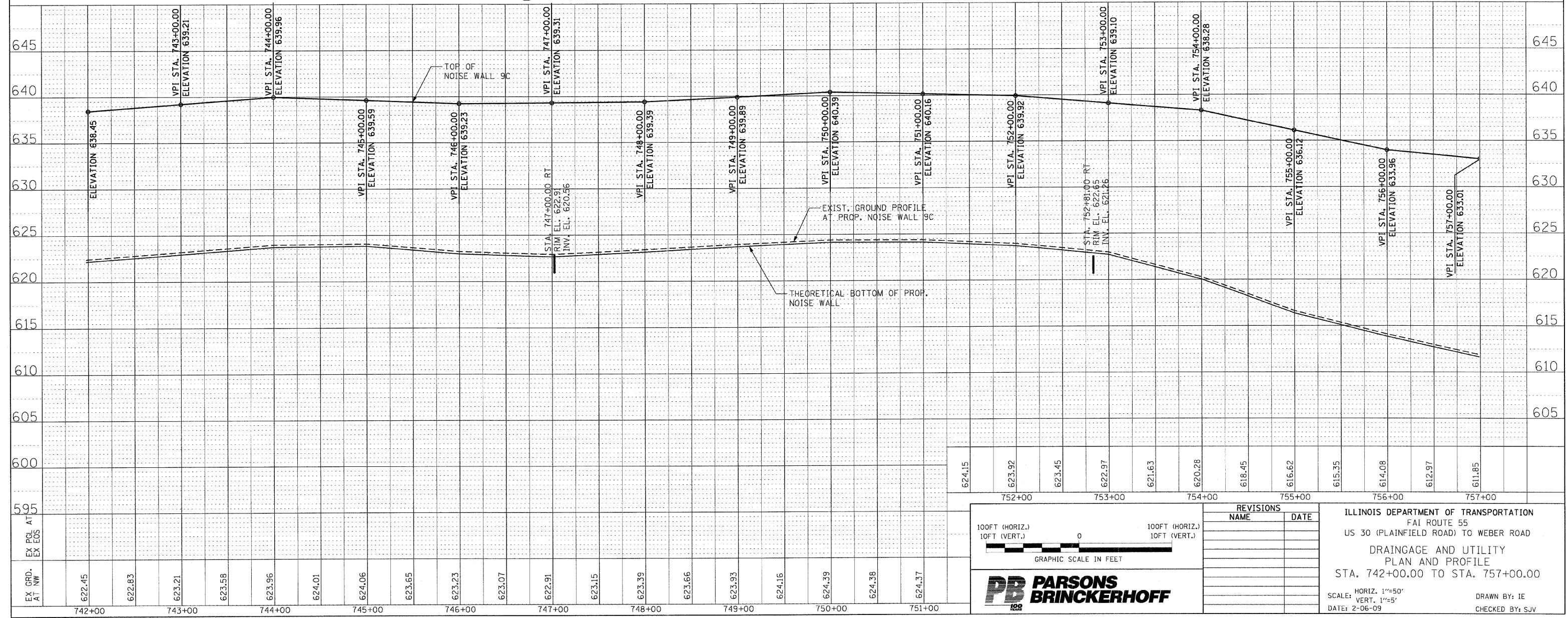
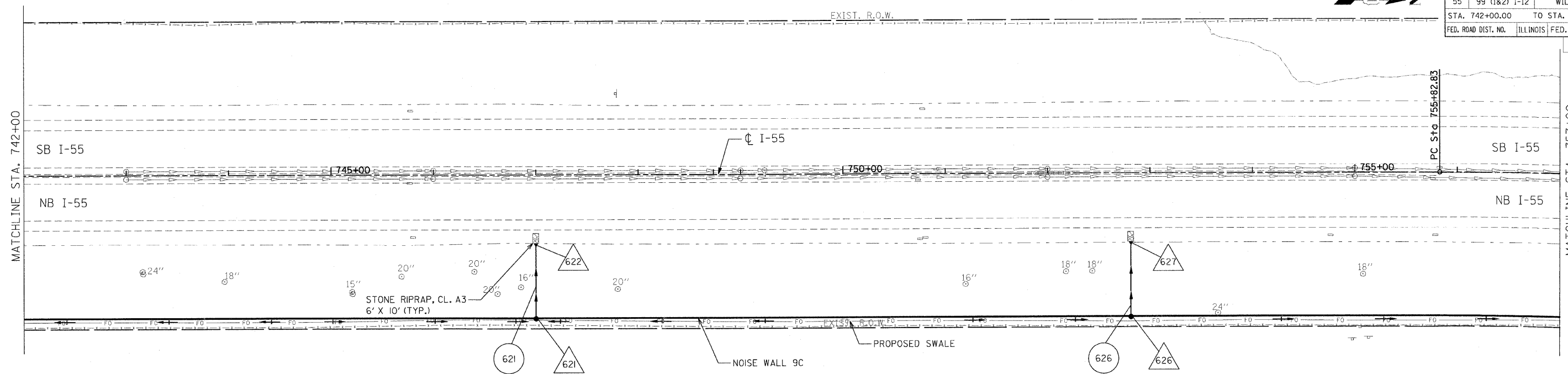
SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

DATE: 2-06-09

DRAWN BY: IE  
CHECKED BY: SJV

EX. ORD. AT NW	619.23	619.32	619.92	618.06	618.80	618.88	618.26	618.87	618.66	618.95	619.06	619.16	619.37	619.59	619.74	619.89	619.68	619.46	621.05	622.63
EX. PCL AT	620.86	620.87	620.88	621.01	621.14	621.26	621.38	621.51	621.65	621.80	621.94	621.94	621.94	621.94	621.94	621.94	621.94	621.94	621.94	621.94
EX. EDS	620.86	620.87	620.88	621.01	621.14	621.26	621.38	621.51	621.65	621.80	621.94	621.94	621.94	621.94	621.94	621.94	621.94	621.94	621.94	621.94
	727+00	728+00	729+00	730+00	731+00	732+00	733+00	734+00	735+00	736+00										

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	61
STA. 742+00.00 TO STA. 757+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**PARSONS BRINCKERHOFF**

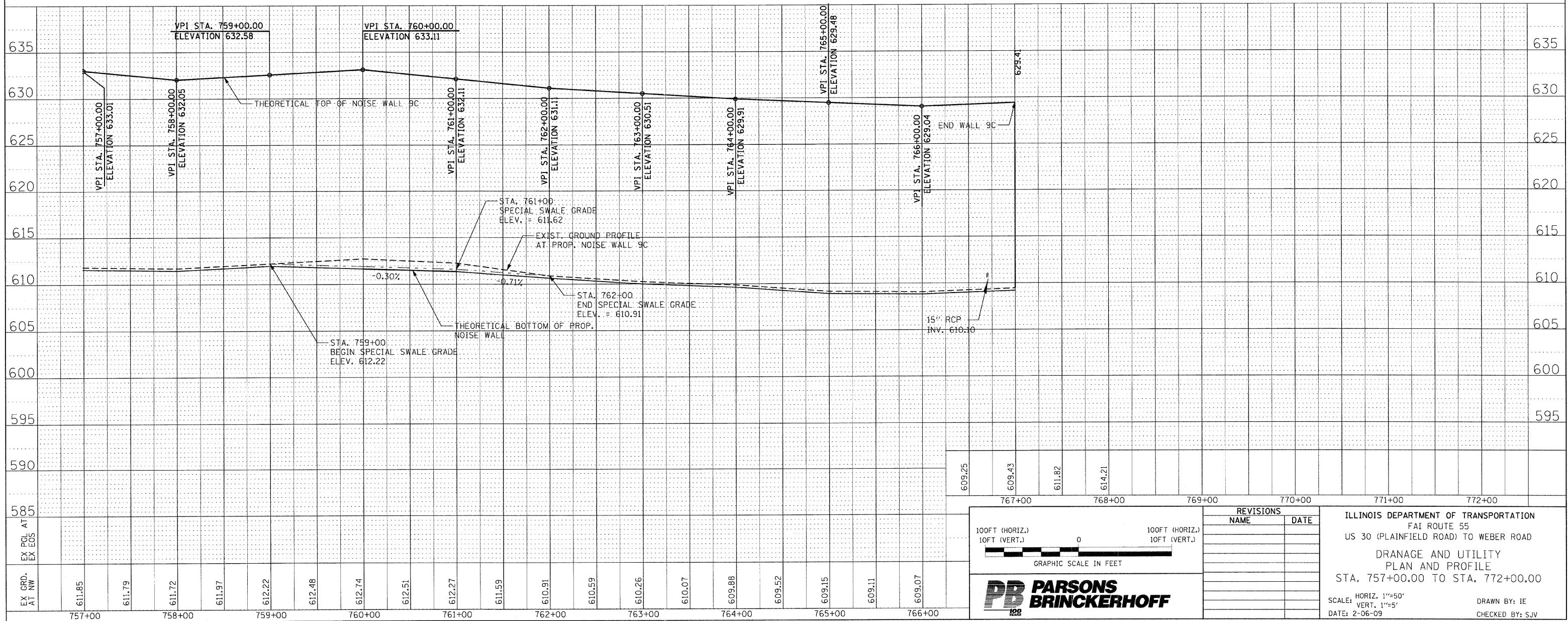
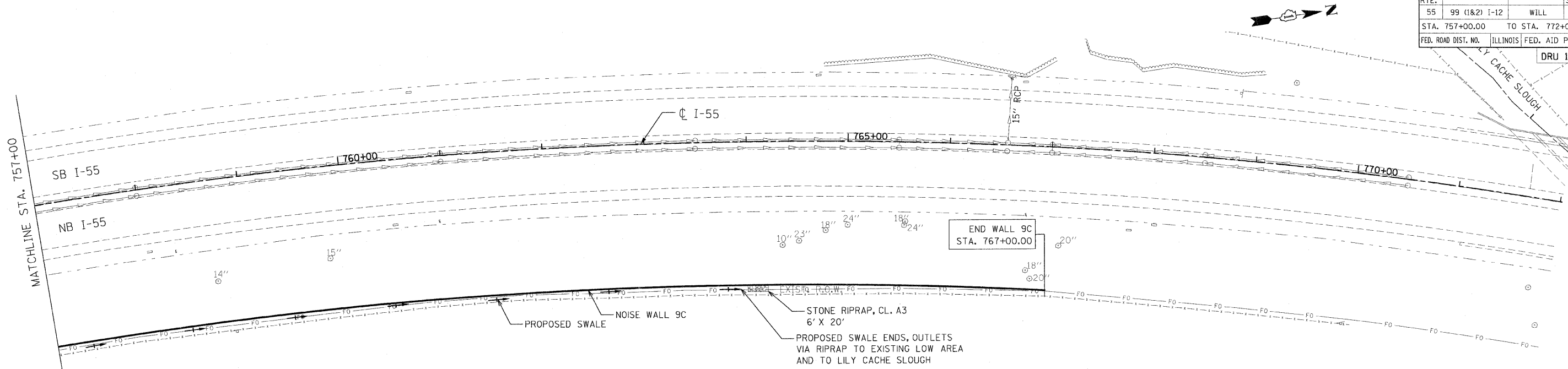
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 DRAINAGE AND UTILITY  
 PLAN AND PROFILE  
 STA. 742+00.00 TO STA. 757+00.00

SCALE: HORIZ. 1"=50'  
 VERT. 1"=5'  
 DATE: 2-06-09

DRAWN BY: IE  
 CHECKED BY: SJV

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	62
STA. 757+00.00		TO STA. 772+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
DRU 12 OF 12				



100FT (HORIZ.)  
10FT (VERT.)

0

100FT (HORIZ.)  
10FT (VERT.)

GRAPHIC SCALE IN FEET

**PARSONS BRINCKERHOFF**

REVISIONS	
NAME	DATE

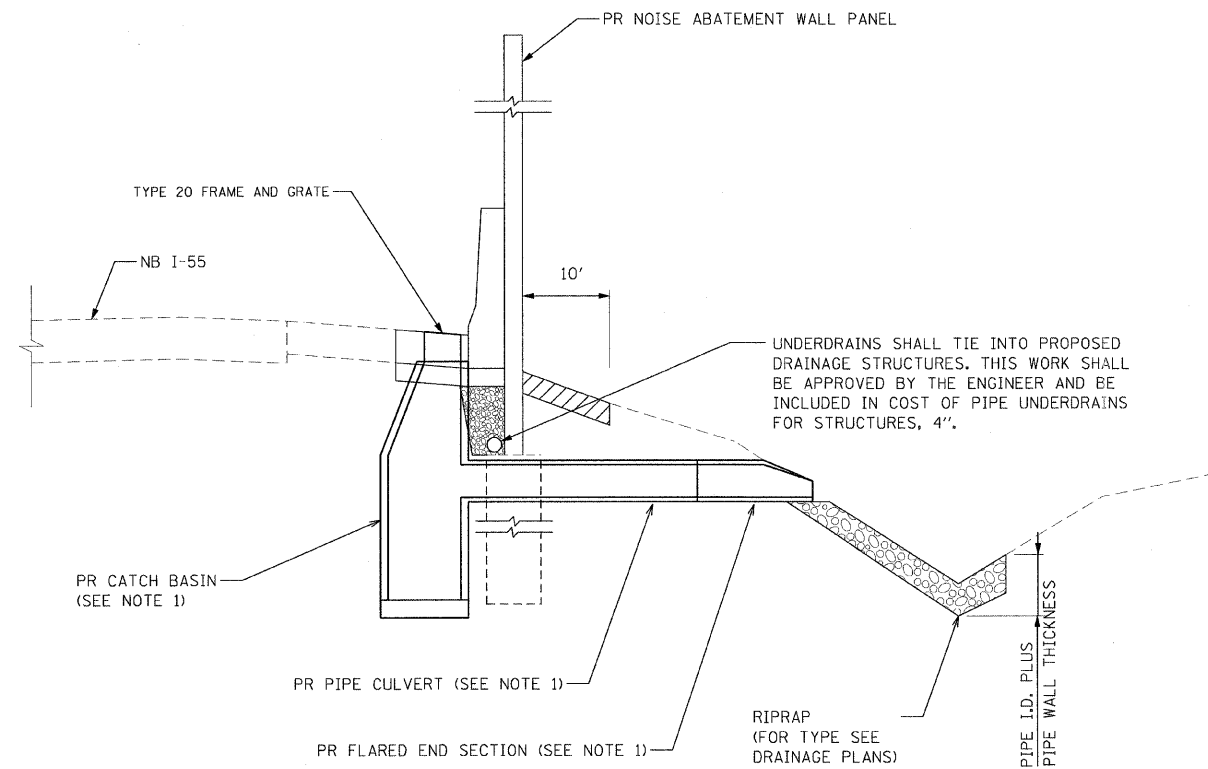
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
DRAINAGE AND UTILITY  
PLAN AND PROFILE  
STA. 757+00.00 TO STA. 772+00.00

SCALE: HORIZ. 1"=50'  
VERT. 1"=5'

DATE: 2-06-09

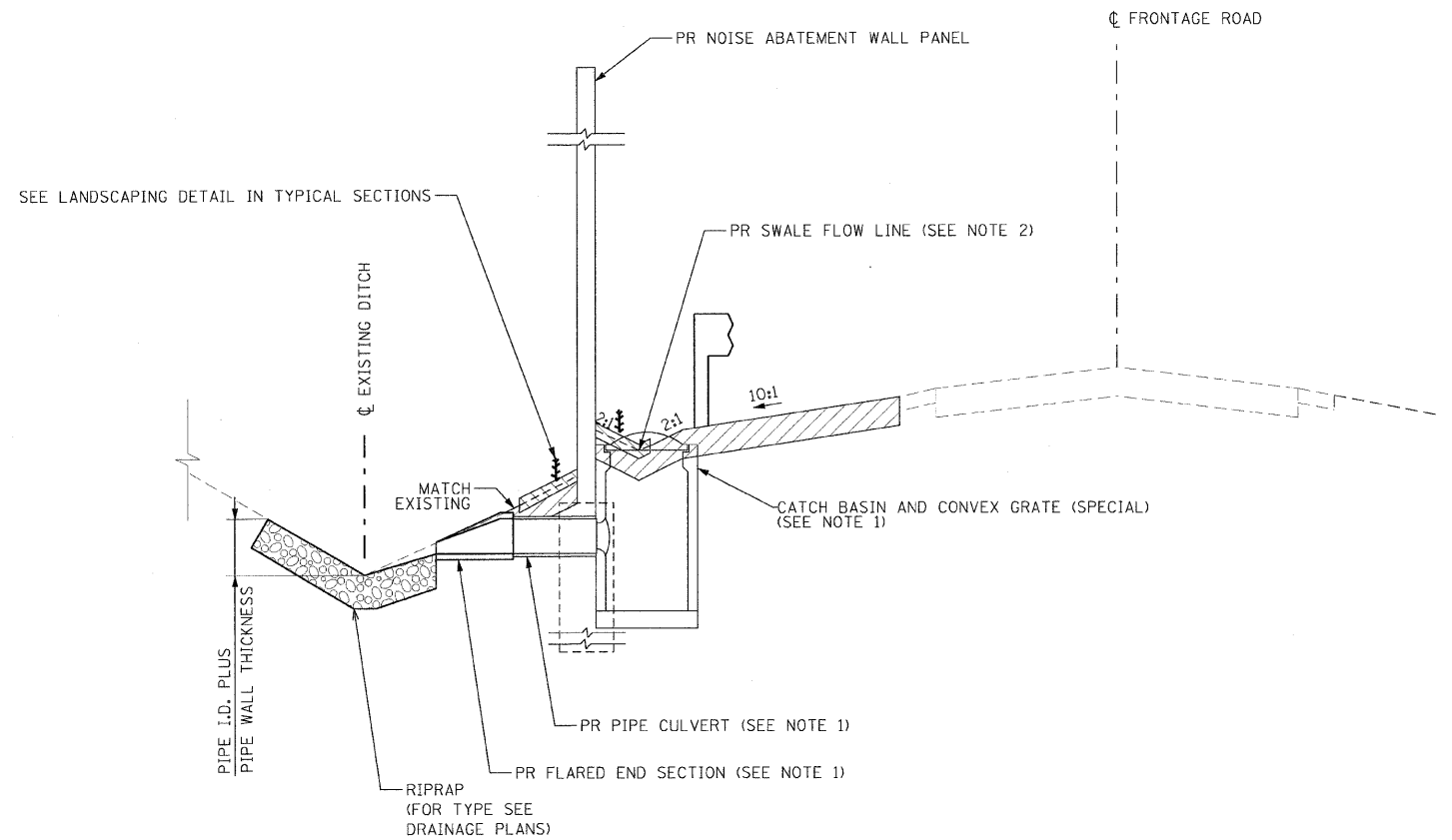
DRAWN BY: IE  
CHECKED BY: SJV

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL DRAINAGE STRUCTURE - WALL 7 AND 9B

STA. 611+35.00 TO STA. 629+51.00  
 STA. 689+00.00 TO STA. 730+00.00



PROPOSED TYPICAL DRAINAGE STRUCTURE - WALL 8, 9A AND 9C

STA. 654+00.00 TO STA. 682+90.00  
 STA. 685+50.00 TO STA. 690+50.00  
 STA. 728+00.00 TO STA. 737+50.00

LEGEND

- TOPSOIL FURNISH AND PLACE, 6"
- COMPOST FURNISH AND PLACE, 4"
- RIP RAP

NOTES

1. SEE DRAINAGE PLANS FOR TYPE AND SIZES OF DRAINAGE ITEMS.
2. COMPOST IS SHOWN BEFORE INCORPORATION INTO TOPSOIL BY TILLING. SWALE FLOW LINE IS THE FINISHED GRADE AFTER COMPOST COMPACTION. RIM ELEVATION SHOWN ON DRAINAGE SCHEDULE EQUALS SWALE FLOW LINE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

DRAINAGE DETAIL

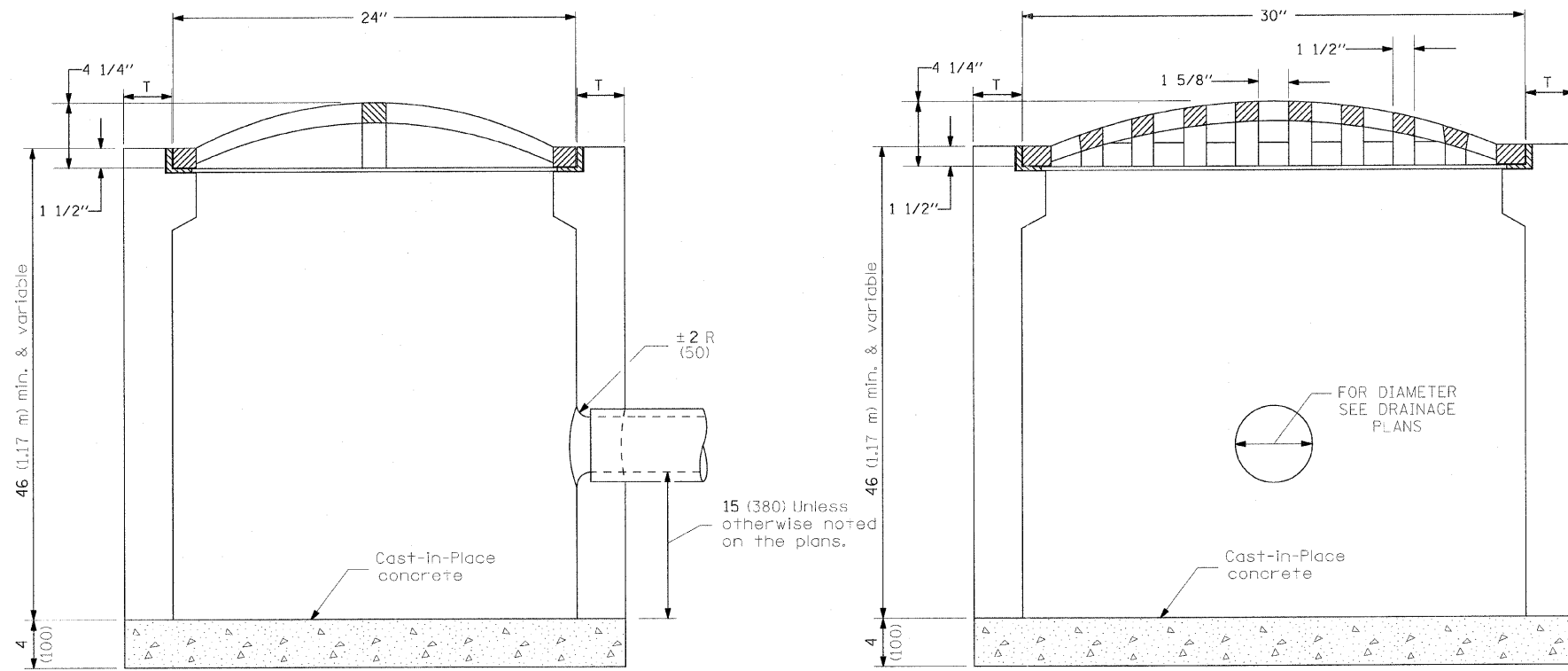
SCALE: NTS  
 DATE: 6-12-09

DRAWN BY: MMS  
 CHECKED BY: DM



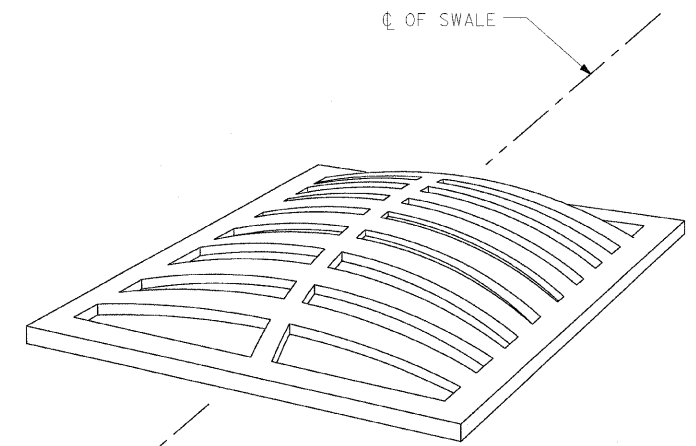
FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

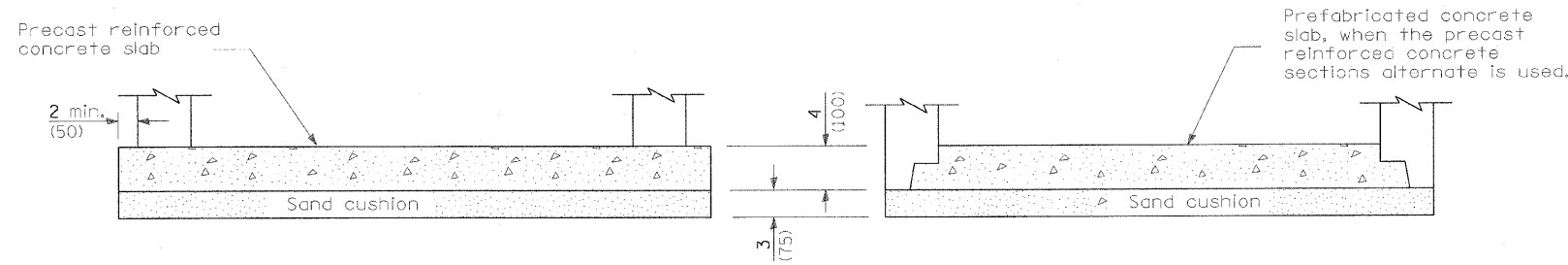


ELEVATION

ALTERNATE MATERIALS FOR WALLS	T (min)
Precast Reinforced Concrete Section	3 (75)
Concrete Masonry Unit	5 (125)
Cast-in-Place Concrete	6 (150)
Brick Masonry	8 (200)



3-D DRAWING OF GRATE



ALTERNATE BOTTOM SLAB

CATCH BASIN AND CONVEX GRATE (SPECIAL)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 DRAINAGE DETAIL

SCALE: NTS  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) I-12	WILL	147	65
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PIPE SCHEDULE

PIPE NUMBER	SHEET NUMBER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	TRENCH BACKFILL (CU YD)	STORM SEWER (FEET)			PIPE CULVERT (FEET)	PIPE SLOPE
					CLASS 4		CLASS 3	CLASS A	
					TYPE 1	TYPE 2		TYPE 1	
					12"	12"	18"	12"	
WALL 7									
805	52	805	806	0			11		0.50%
810	52	810	811	0			13		0.50%
815	52	815	816	0			12		0.50%
820	52	820	821	0			12		0.50%
WALL 8									
601	54	601	602	0	7				0.50%
605	54	605	606	0	9				0.78%
WALL 9A									
607	55	607	608	15.5				66	0.74%
WALL 9B									
825	55	825	826	0			15		0.50%
830	55	830	831	0			15		0.50%
835	55	835	836	0			13		0.50%
840	55	840	841	0			14		0.50%
845	57	845	846	0			15		0.50%
850	57	850	851	0			17		0.50%
855	58	855	856	0			12		0.50%
860	58	860	861	0			14		0.50%
865	58	865	870	0		10			0.50%
870	58	870	871	0			15		0.40%
875	58	875	870	0		10			0.50%
WALL 9C									
611	59	611	612	0	6				0.50%
616	59	616	617	0	6				1.00%
621	61	621	622	0	70				0.50%
626	61	626	627	0	70				0.50%
TOTAL				15.5	168	75	123	66	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

DRAINAGE SCHEDULE-  
 PIPES

SCALE: NTS  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM



FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	66
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STRUCTURE SCHEDULE

STRUCTURE NUMBER	SHEET NUMBER	LOCATION			CATCH BASIN AND CONVEX GRATE (SPECIAL)	PRECAST F.E.S.			RIM ELEV	INVERT ELEVATIONS			
		STATION	OFFSET (FT)	SIDE		CATCH BASINS				NORTH	SOUTH	EAST	WEST
						12"	18"	4 FT	TYPE A				
WALL 7													
805	52	622+09.00	66.81	RT				1	616.70			612.20	
806	52	622+09.00	77.81	RT			1					612.15	
810	52	624+46.00	62.63	RT				1	610.78			607.43	
811	52	624+46.00	62.63	RT			1					607.37	
815	52	626+98.00	61.50	RT				1	607.30			603.80	
816	52	626+98.00	61.50	RT			1					603.74	
820	52	628+76.00	61.50	RT				1	605.59			601.12	
821	52	628+76.00	73.50	RT		1						601.06	
WALL 8													
601	54	670+00.00	90.25	RT	1				610.06			608.26	
602	54	670+00.00	82.00	RT		1						608.22	
605	54	676+00.00	90.25	RT	1				610.48			608.27	
606	54	676+00.00	80.00	RT		1						608.20	
WALL 9A													
607	55	686+92.00	90.00	RT		1				613.81			
608	55	686+26.00	90.00	RT		1					613.32		
WALL 9B													
825	55	689+06.00	61.50	RT				1	616.87			614.31	
826	55	689+06.00	76.50	RT		1						614.24	
830	55	691+46.00	61.50	RT				1	617.72			614.78	
831	55	691+46.00	76.50	RT		1						614.71	
835	55	693+98.00	61.50	RT				1	618.65			614.15	
836	55	693+98.00	74.50	RT		1						614.09	
840	55	696+50.00	61.50	RT				1	620.71			616.21	
841	55	696+50.00	61.50	RT			1					616.14	
845	57	699+02.00	61.50	RT				1	623.82			619.32	
846	57	699+02.00	76.50	RT			1					619.25	
850	57	701+42.00	61.50	RT				1	627.91			623.41	
851	57	701+42.00	78.50	RT			1					623.33	
855	58	721+55.00	61.50	RT				1	624.47			619.97	
856	58	721+55.00	73.50	RT			1					619.92	
860	58	724+06.00	61.50	RT				1	621.55			617.05	
861	58	724+06.00	75.50	RT			1					616.99	
865	58	726+34.00	61.50	RT				1	620.55	616.87			
870	58	726+46.00	61.50	RT				1	620.55	616.82	616.82	616.82	
871	58	726+46.00	76.50	RT			1					616.76	
875	58	726+58.00	61.50	RT				1	620.55		616.87		
WALL 9C													
611	59	729+00.00	90.25	RT	1				618.71			616.17	
612	59	729+00.00	83.00	RT		1						616.14	
616	59	733+00.00	90.25	RT	1				619.68			617.78	
617	59	733+00.00	83.00	RT		1						617.72	
621	61	747+00.00	142.25	RT	1				622.91			620.56	
622	61	747+00.00	71.00	RT		1						620.21	
626	61	752+81.00	142.25	RT	1				622.65			621.26	
627	61	752+81.00	71.00	RT		1						621.00	
TOTAL					6	12	9	15					

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 DRAINAGE SCHEDULE-  
 STRUCTURES



SCALE: NTS  
 DATE: 6-12-09  
 DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PIPE UNDERDRAIN SCHEDULE

STATION	TO STATION	OFFSET	PIPE UNDERDRAINS FOR STRUCTURES 4"
			(FT)
611+35.00	622+09.00	RT	1089
622+09.00	624+46.00	RT	240
624+46.00	626+98.00	RT	255
626+98.00	628+76.00	RT	180
628+76.00	629+51.00	RT	76
689+00.00	691+46.00	RT	246
691+46.00	693+98.00	RT	252
693+98.00	696+50.00	RT	252
696+50.00	699+02.00	RT	252
699+02.00	701+42.00	RT	240
701+42.00	709+63.00	RT	821
711+06.00	721+55.00	RT	1049
721+55.00	726+46.00	RT	491
726+46.00	730+05.00	RT	359
TOTALS			5802

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 DRAINAGE SCHEDULE-  
 UNDERDRAINS

SCALE: NTS  
 DATE: 6-12-09

DRAWN BY: WMS  
 CHECKED BY: DM



FINAL

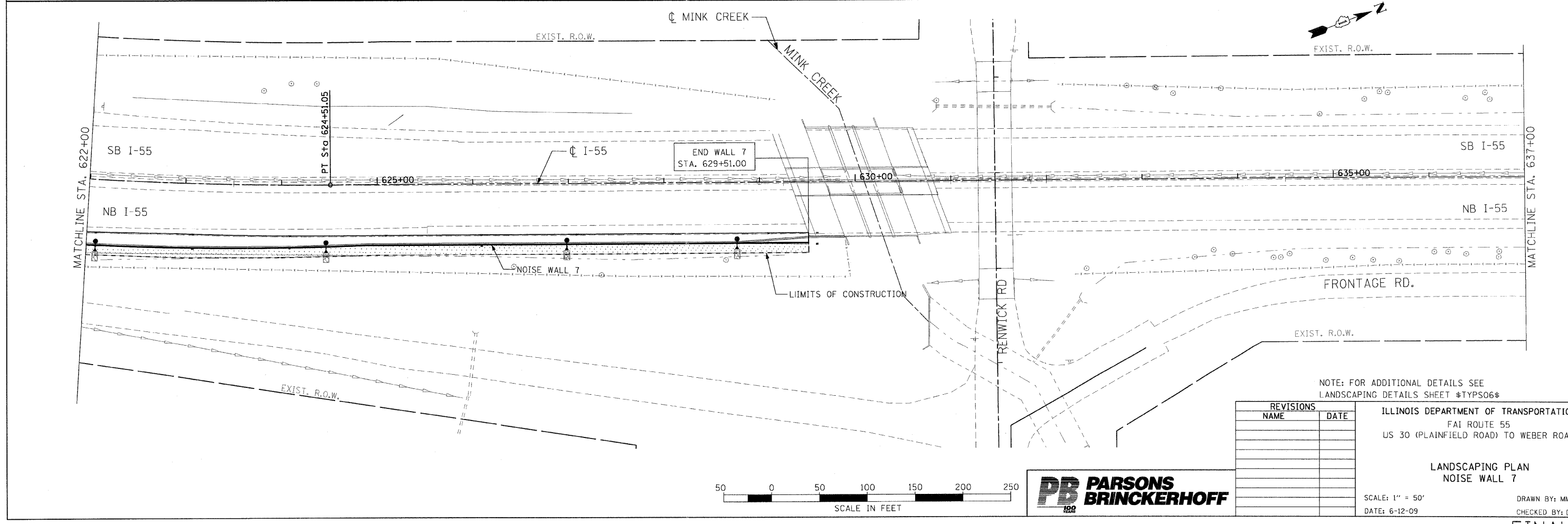
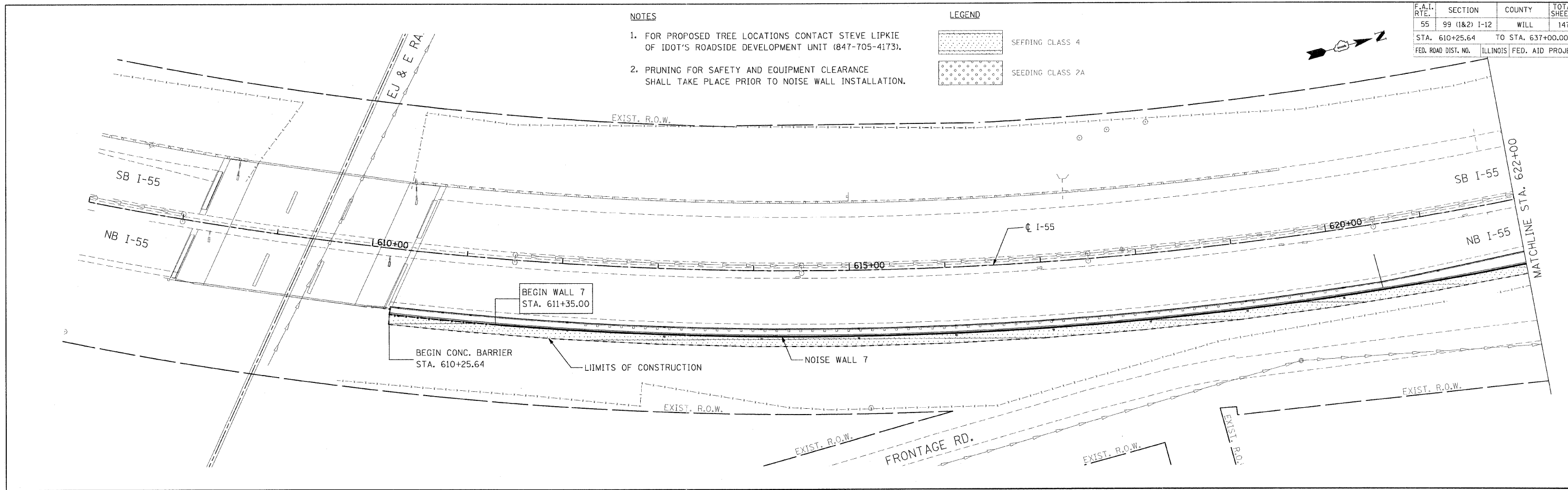
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	68
STA. 610+25.64 TO STA. 637+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

NOTES

- FOR PROPOSED TREE LOCATIONS CONTACT STEVE LIPKIE OF IDOT'S ROADSIDE DEVELOPMENT UNIT (847-705-4173).
- PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE SHALL TAKE PLACE PRIOR TO NOISE WALL INSTALLATION.

LEGEND

- SEEDING CLASS 4
- SEEDING CLASS 2A



NOTE: FOR ADDITIONAL DETAILS SEE LANDSCAPING DETAILS SHEET \$TYP506\$

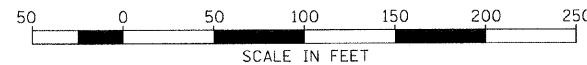
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD

LANDSCAPING PLAN  
NOISE WALL 7

SCALE: 1" = 50'  
DATE: 6-12-09

DRAWN BY: MMS  
CHECKED BY: DM

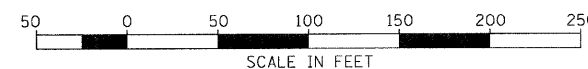
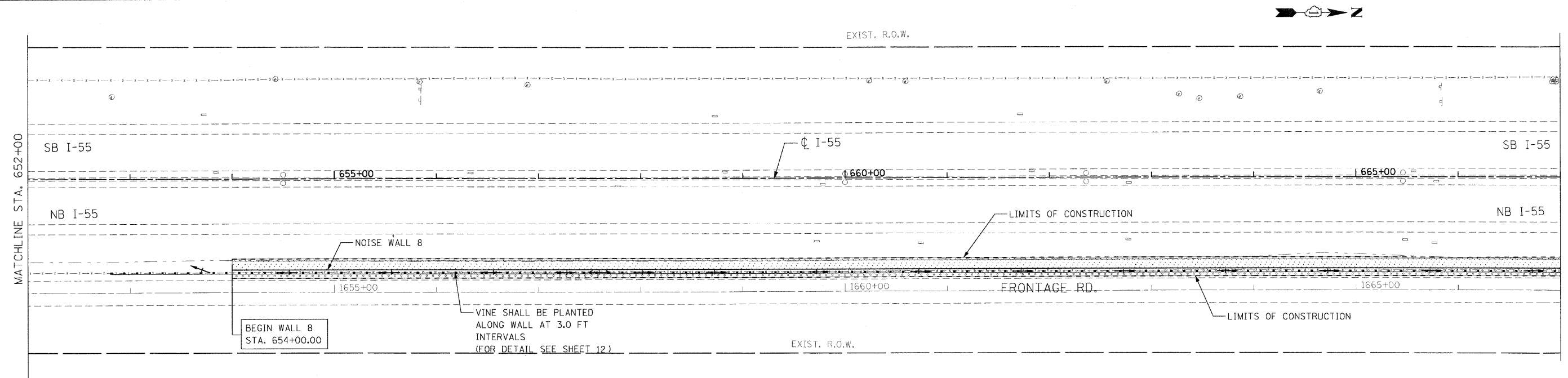
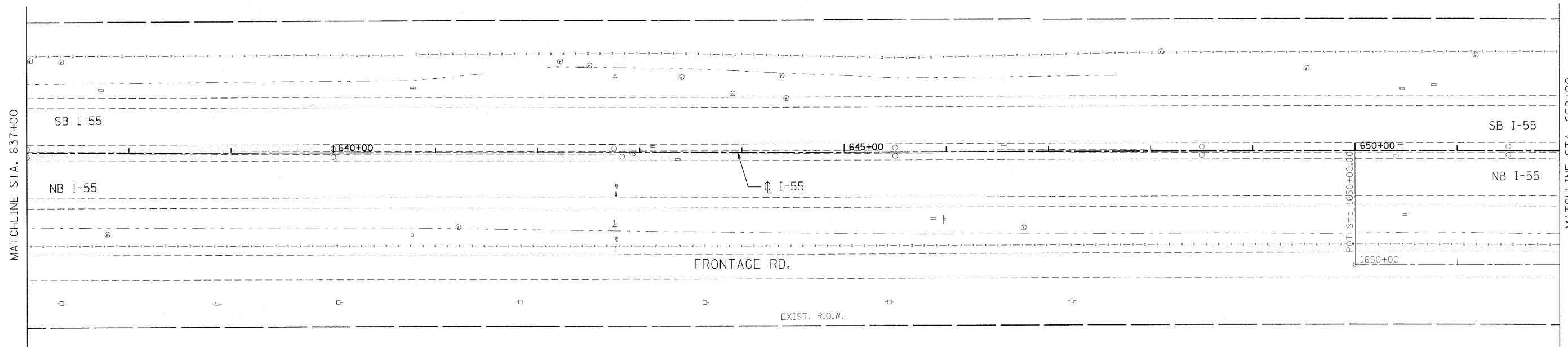


FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	69
STA. 637+00.00		TO STA. 667+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

-  SEEDING CLASS 4
-  SEEDING CLASS 2A



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

LANDSCAPING PLAN  
 NOISE WALL 8

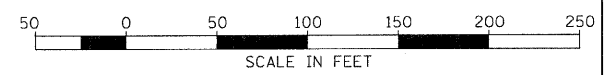
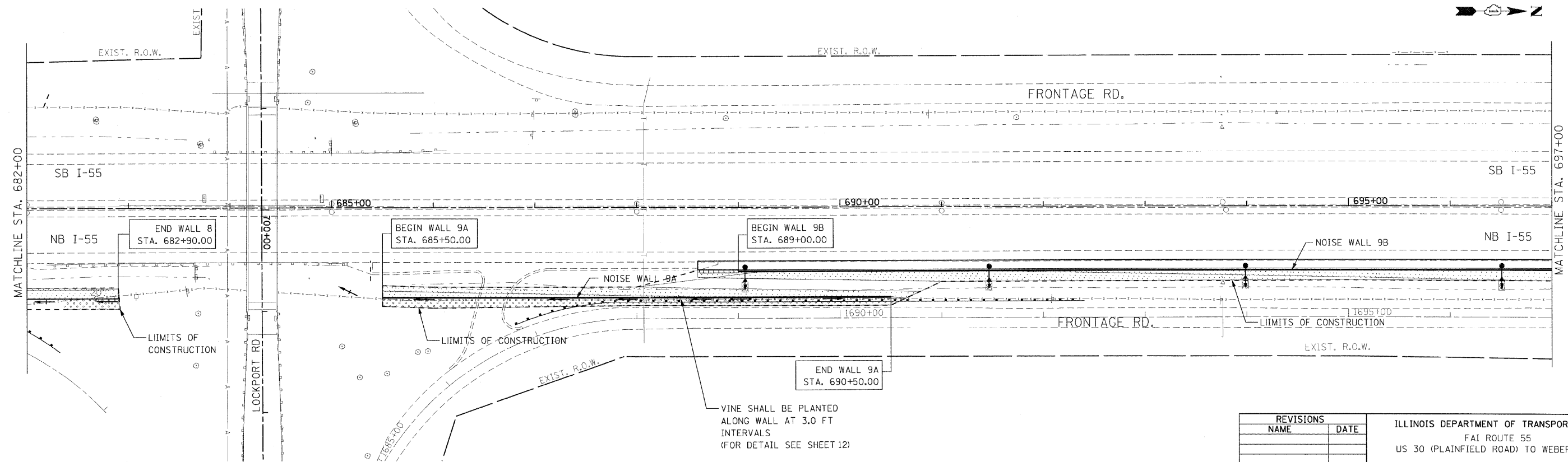
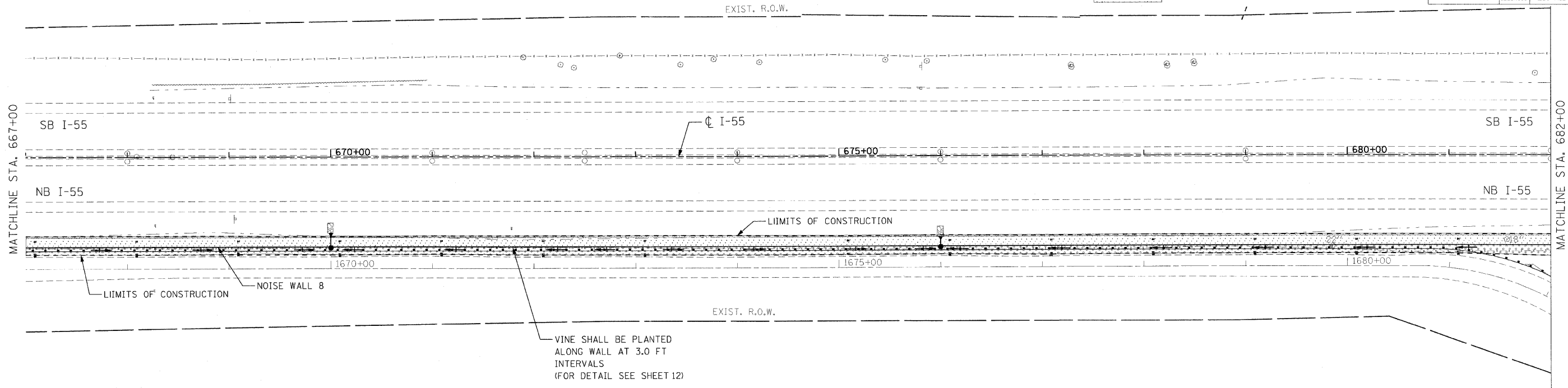
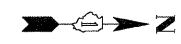
SCALE: 1" = 50'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	70
STA. 667+00.00		TO STA. 697+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

LANDSCAPING PLAN  
 NOISE WALL 8, 9A & 9B

SCALE: 1" = 50'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

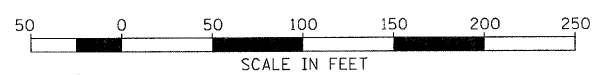
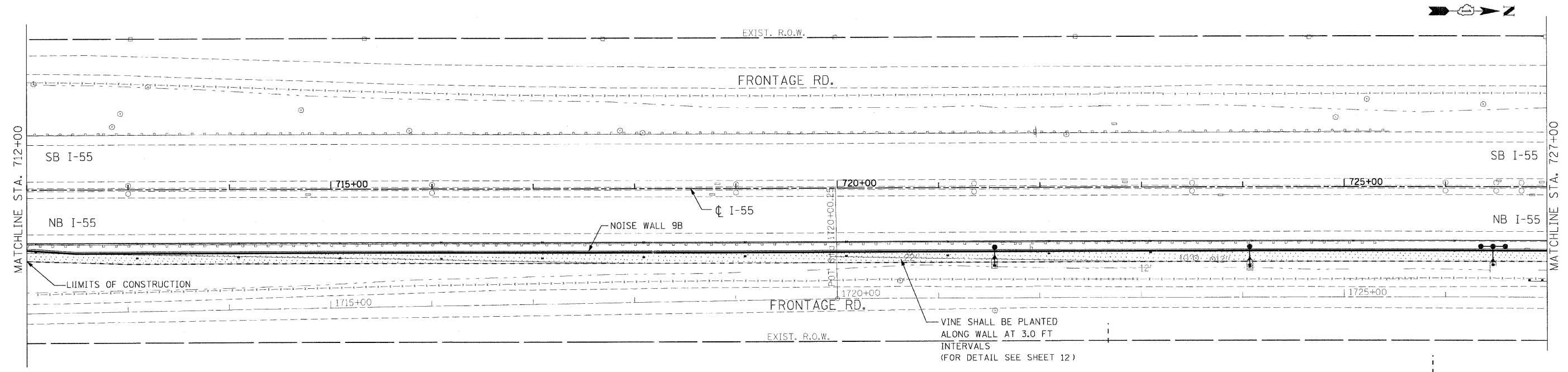
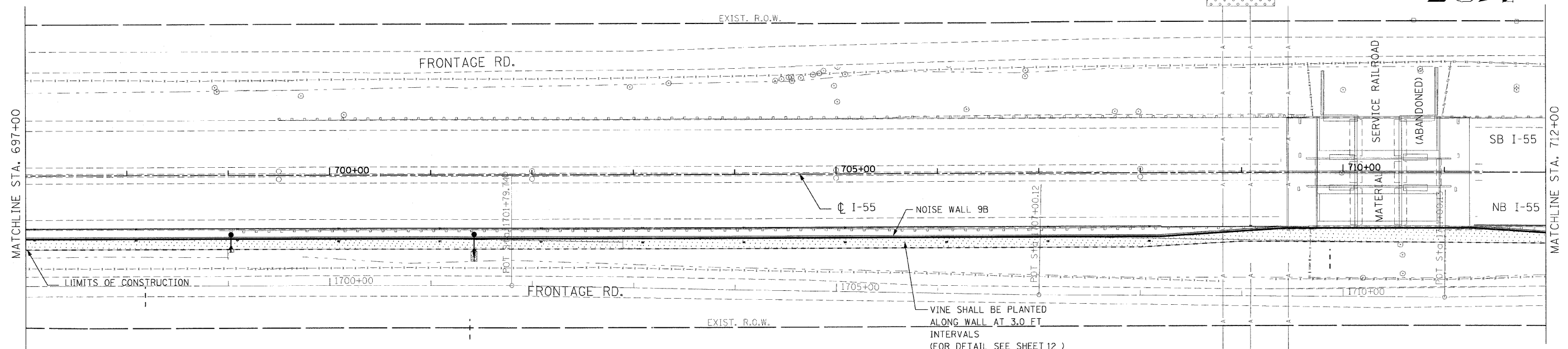
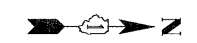
FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	71
STA. 697+00		TO STA. 727+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**LEGEND**

SEEDING CLASS 4

SEEDING CLASS 2A



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

LANDSCAPING PLAN  
 NOISE WALL 9B


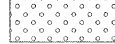
SCALE: 1" = 50'  
 DATE: 2-06-09

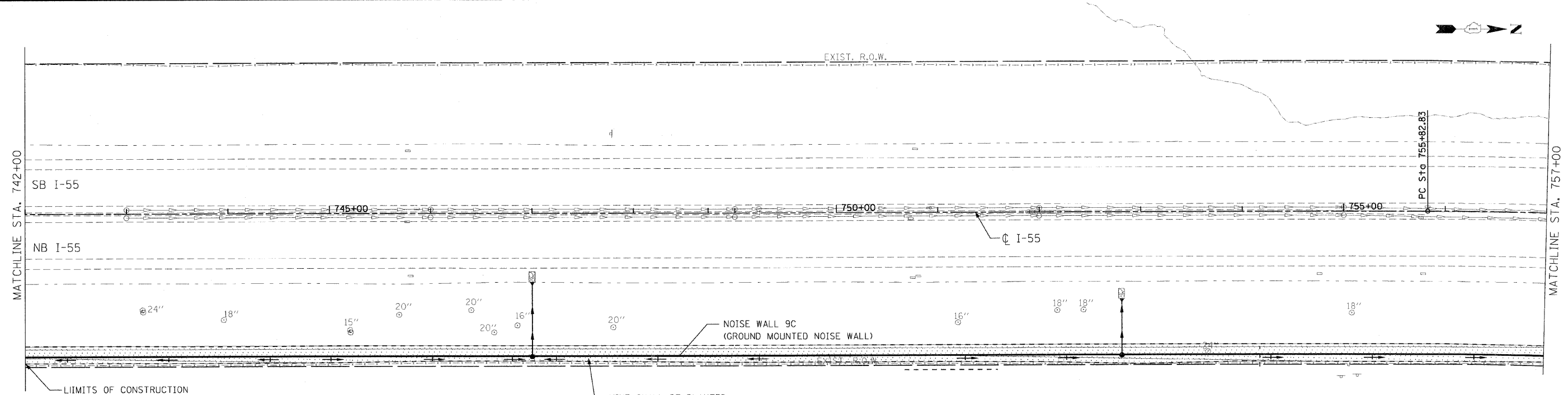
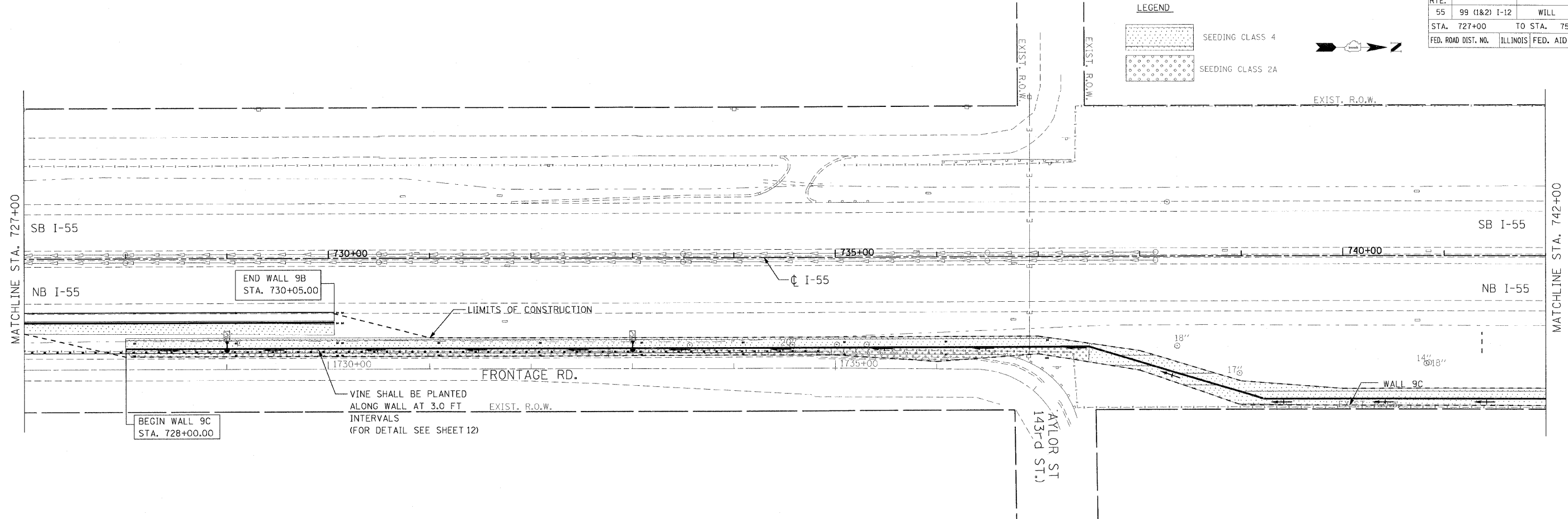
DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	72
STA. 727+00		TO STA. 757+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LEGEND

-  SEEDING CLASS 4
-  SEEDING CLASS 2A



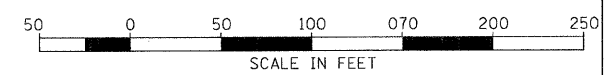
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

LANDSCAPING PLAN  
 NOISE WALL 9C

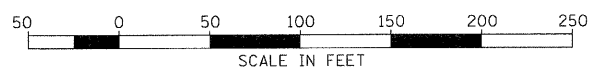
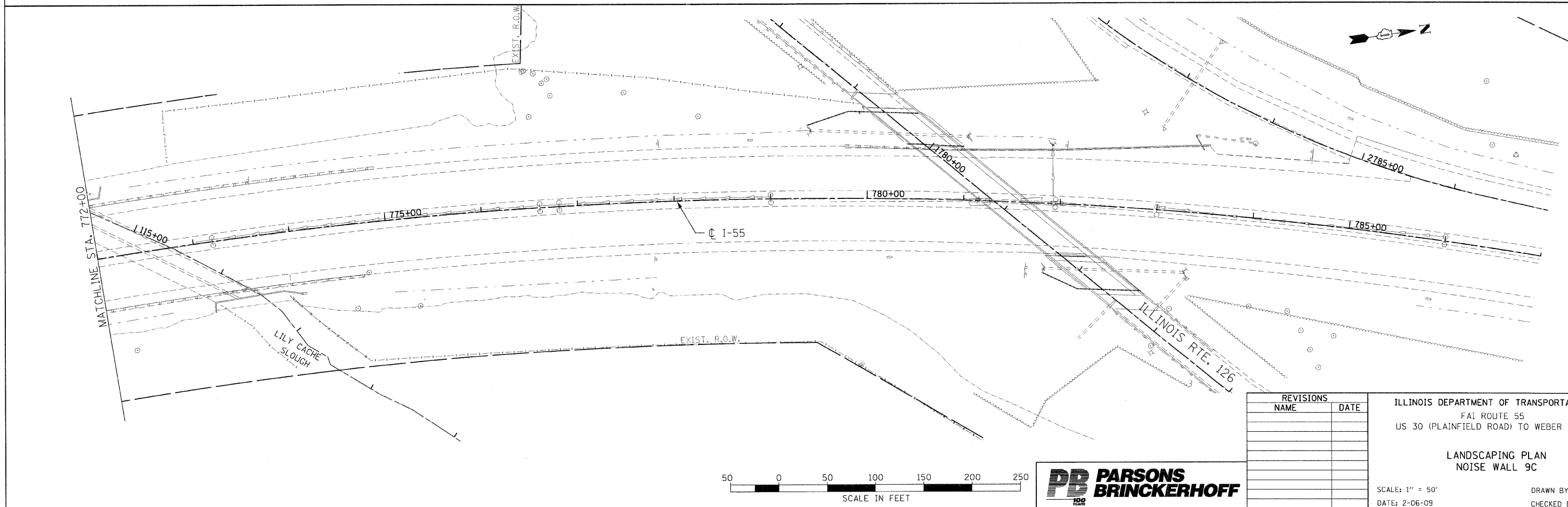
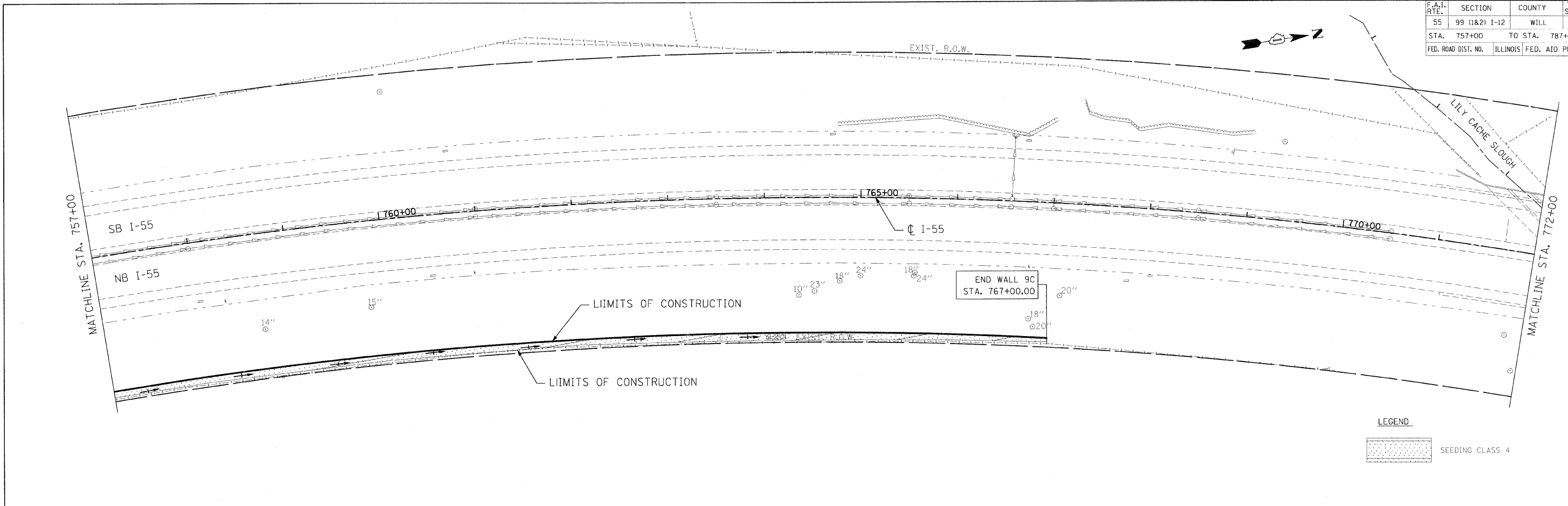
SCALE: 1" = 50'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-12	WILL	147	73
STA. 757+00		TO STA. 787+00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD

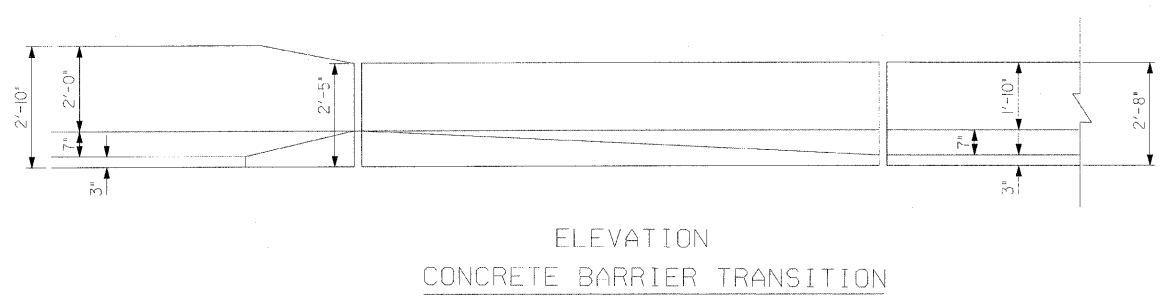
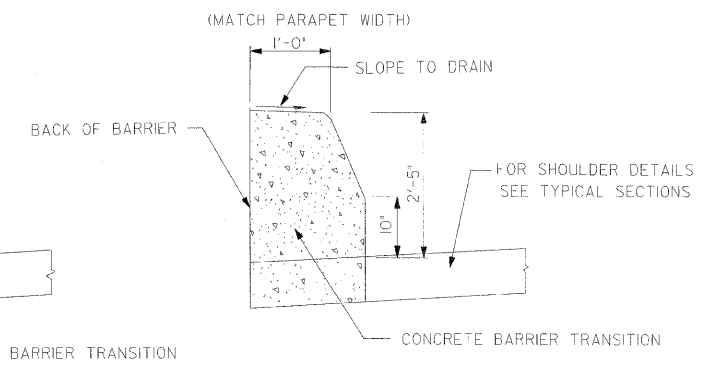
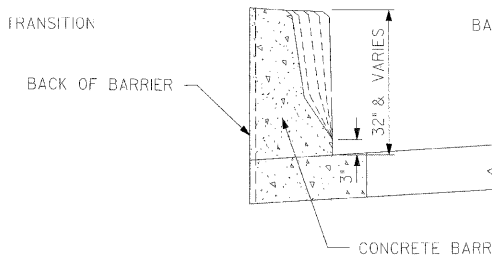
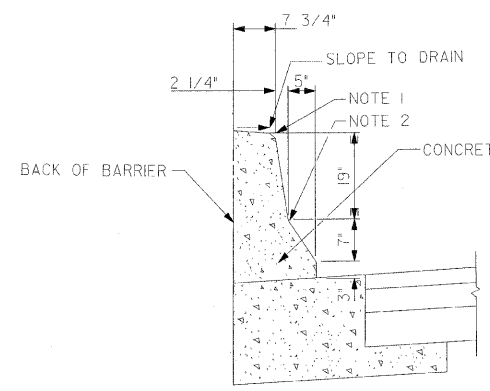
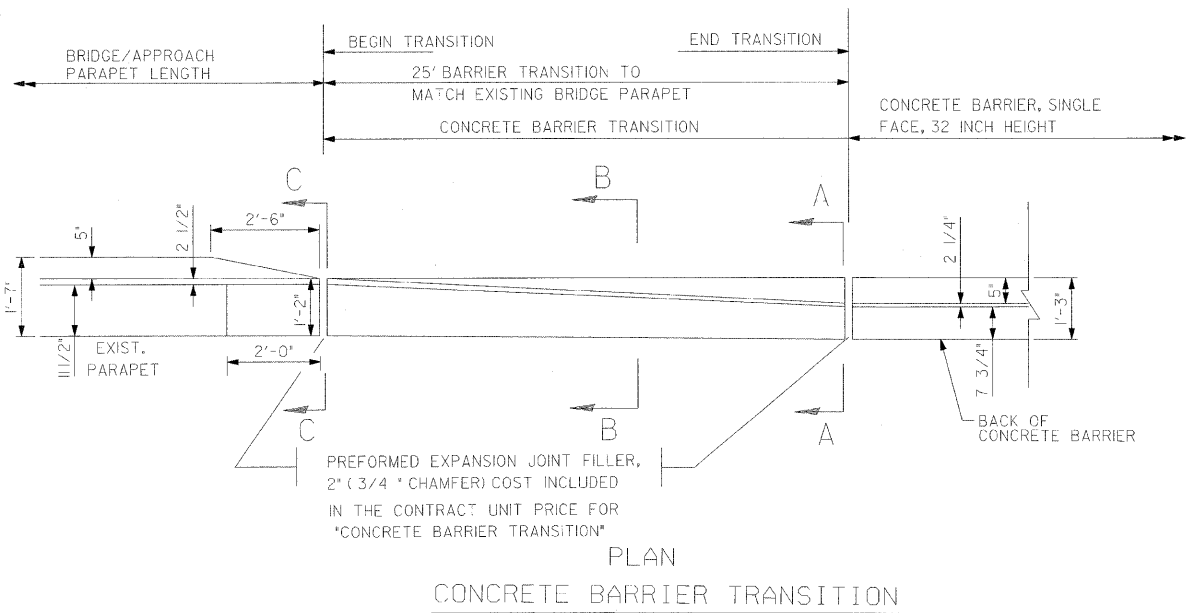
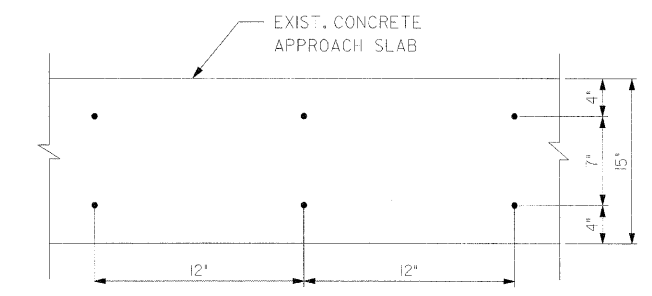
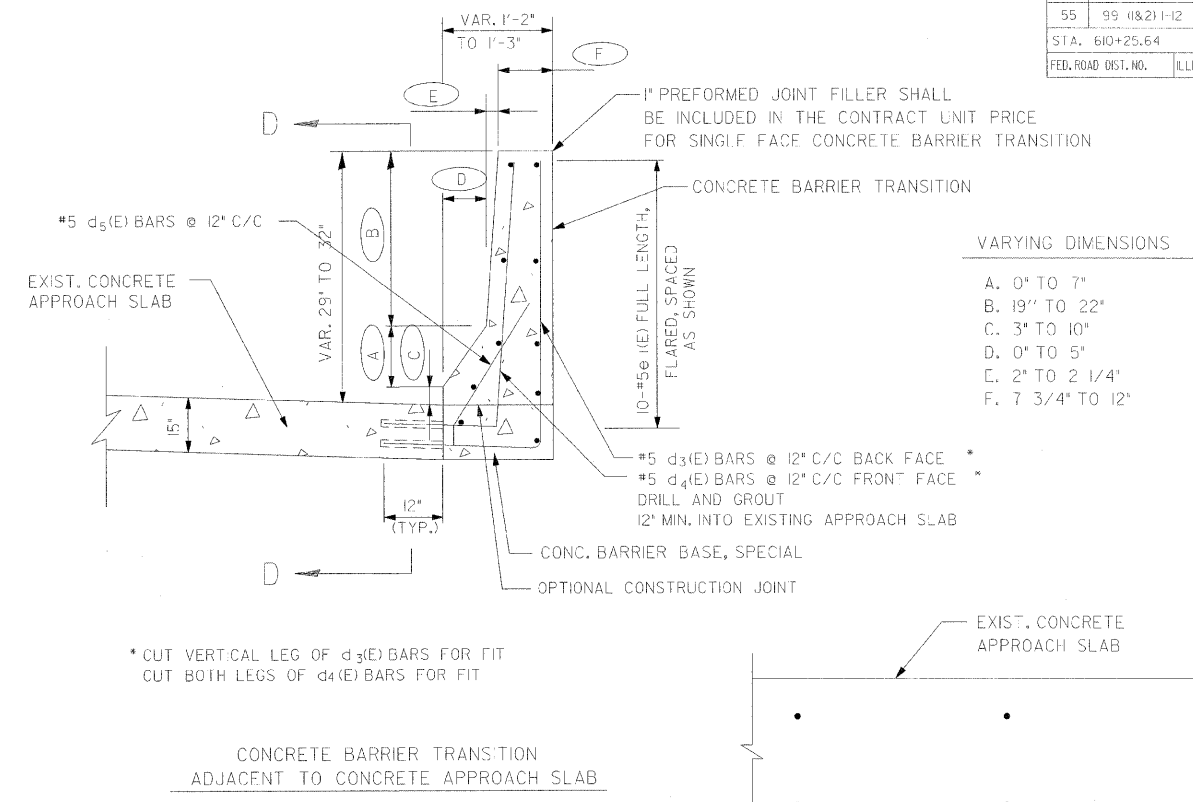
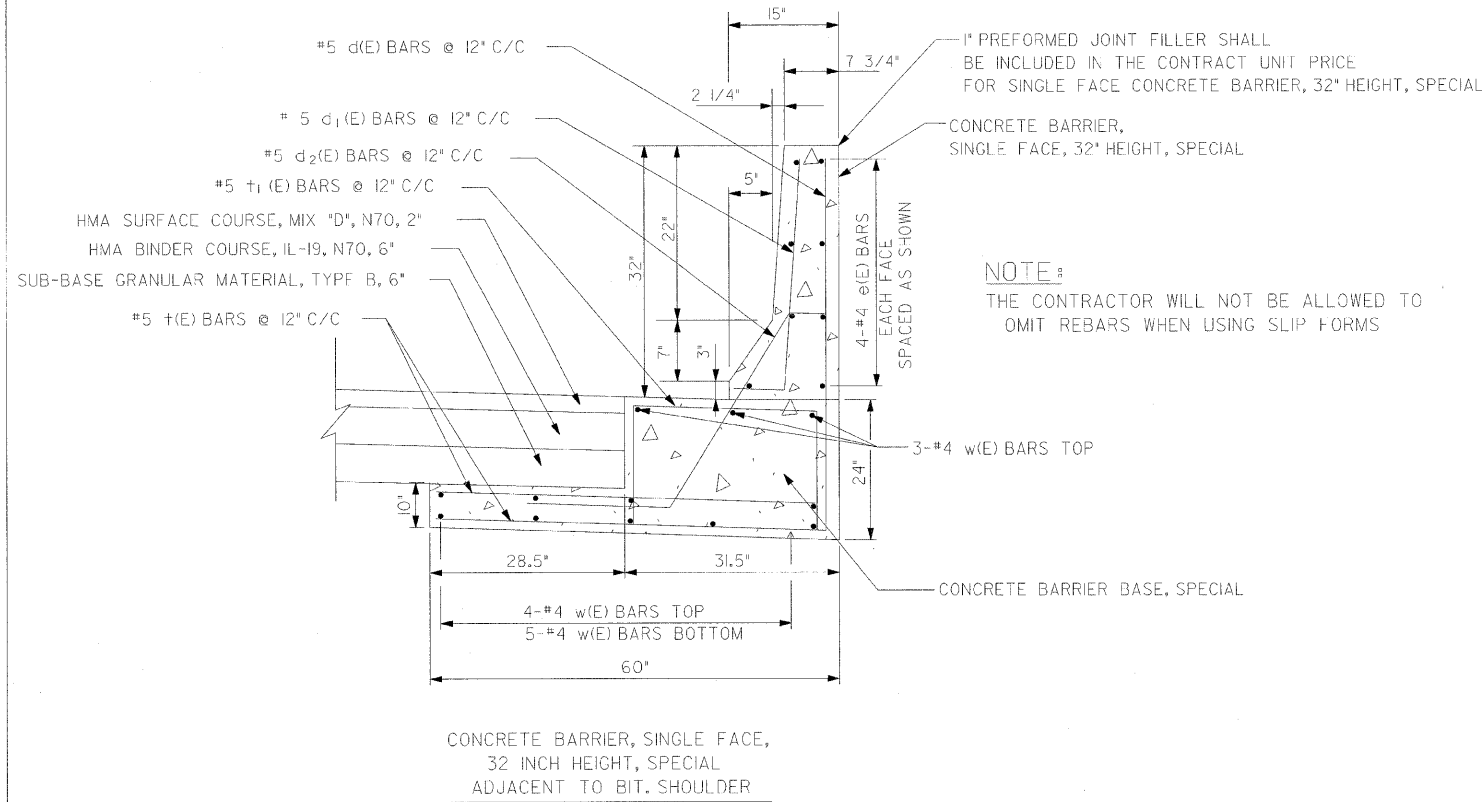
LANDSCAPING PLAN  
 NOISE WALL 9C

SCALE: 1" = 50'  
 DATE: 2-06-09

DRAWN BY: MMS  
 CHECKED BY: DM

FINAL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	74
STA. 610+25.64		TO STA. 767+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



NOTE 1 - 1/2" CHAMFER OR 1" RADIUS (OPTIONAL)  
 NOTE 2 - 10" RADIUS (OPTIONAL)

GENERAL NOTES - PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE BARRIER TRANSITION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAIRCUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 CONCRETE BARRIER TRANSITION  
 AND BARRIER DETAILS

SCALE: 1" = 10'  
 DATE: 6-2-09  
 DRAWN BY: MWS  
 CHECKED BY: DM

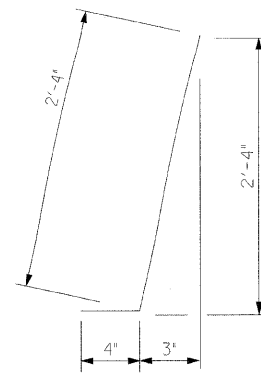


FINAL

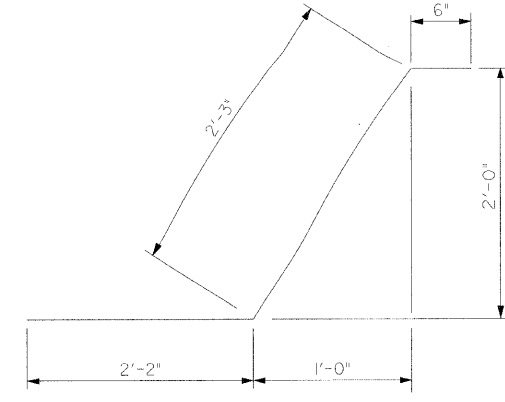
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (82) I-12	WILL	147	74a
STA. 610+25.64		TO STA. 767+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

BILL OF MATERIAL

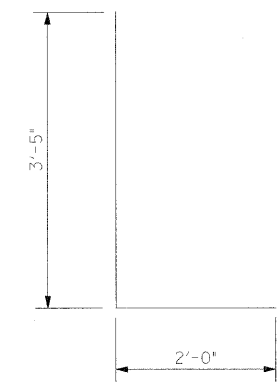
BAR	NO.	SIZE	LENGTH	SHAPE
d(E)	5913	#5	4'-4"	
d1(E)	5913	#5	2'-8"	
d2(E)	5913	#5	4'-11"	
d3(E)	52	#5	5'-5"	
d4(E)	52	#5	4'-4"	
d5(E)	52	#5	3'-10"	
e(E)	1672	#4	30'-0"	
e1(E)	20	#4	24'-8"	
f(E)	11826	#5	4'-8"	
t1(E)	5913	#5	5'-5"	
w(E)	2508	#4	30'-0"	
Reinforcement Bars, Epoxy Coated			Pound	249,300



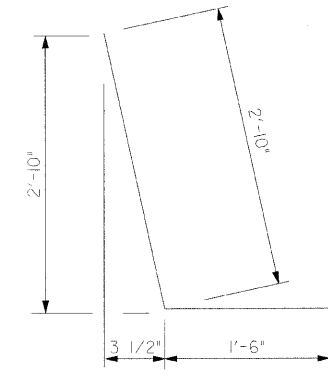
BAR d1(E)



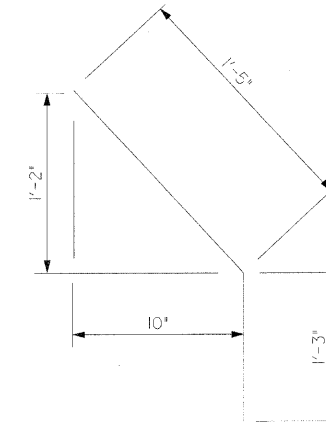
BAR d2(E)



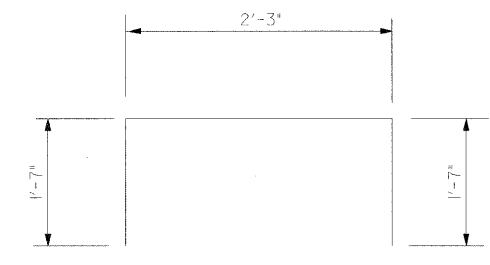
BAR d3(E)



BAR d4(E)



BAR d5(E)



BAR t1(E)

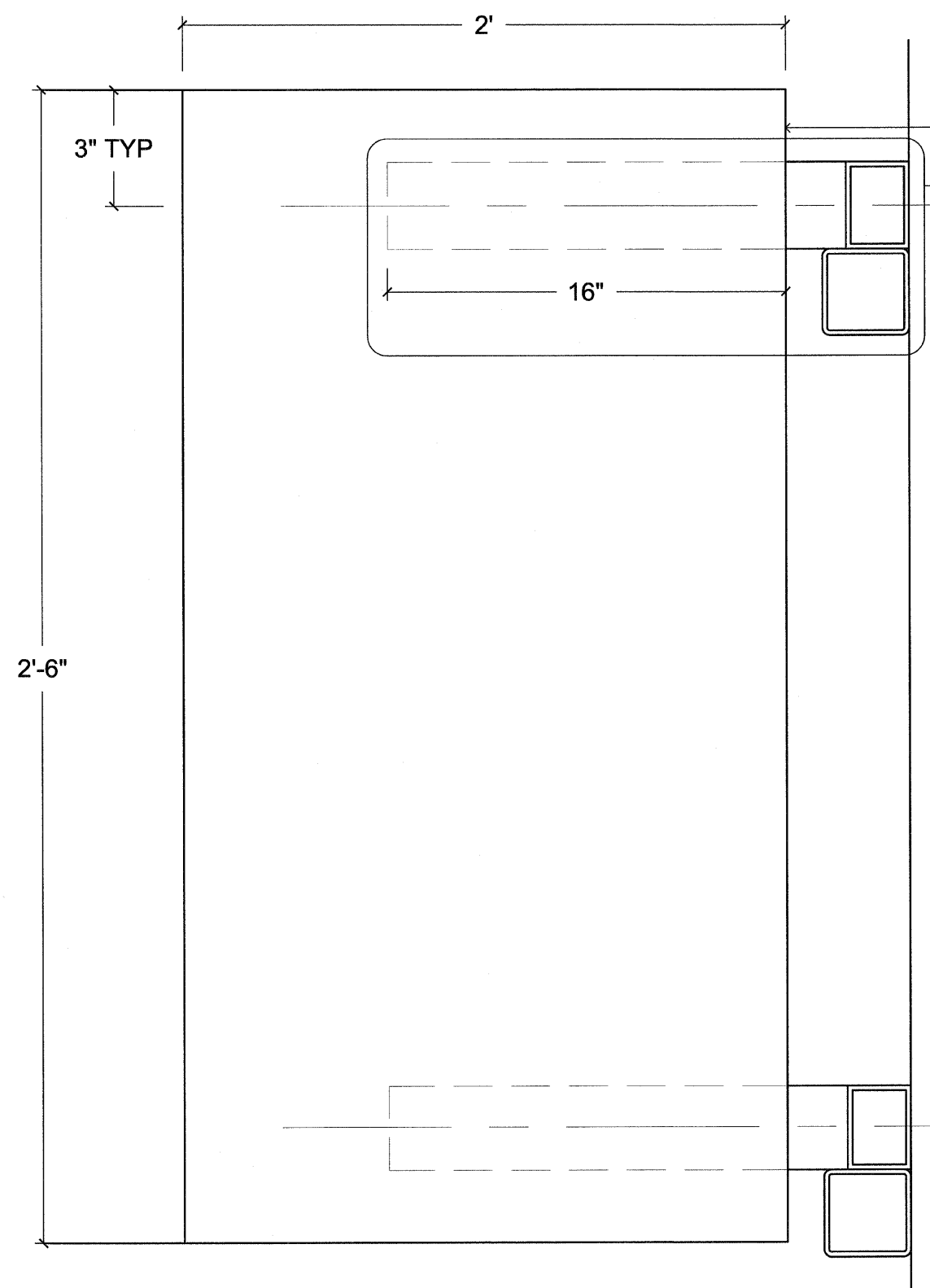
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAIRROUTE 55  
 US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
 CONCRETE BARRIER TRANSITION  
 AND BARRIER DETAILS

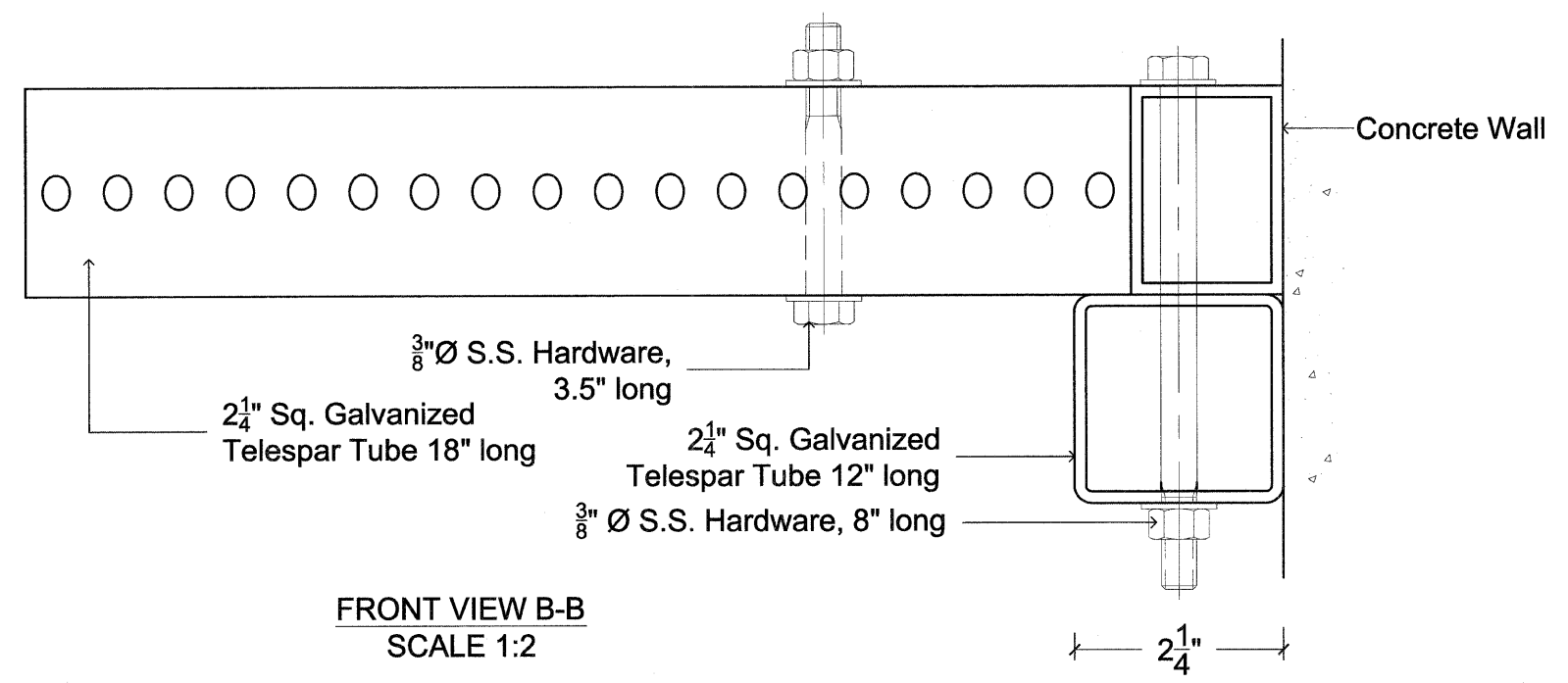


SCALE: DATE: 6--2-09  
 DRAWN BY: MWS  
 CHECKED BY: DM

FINAL

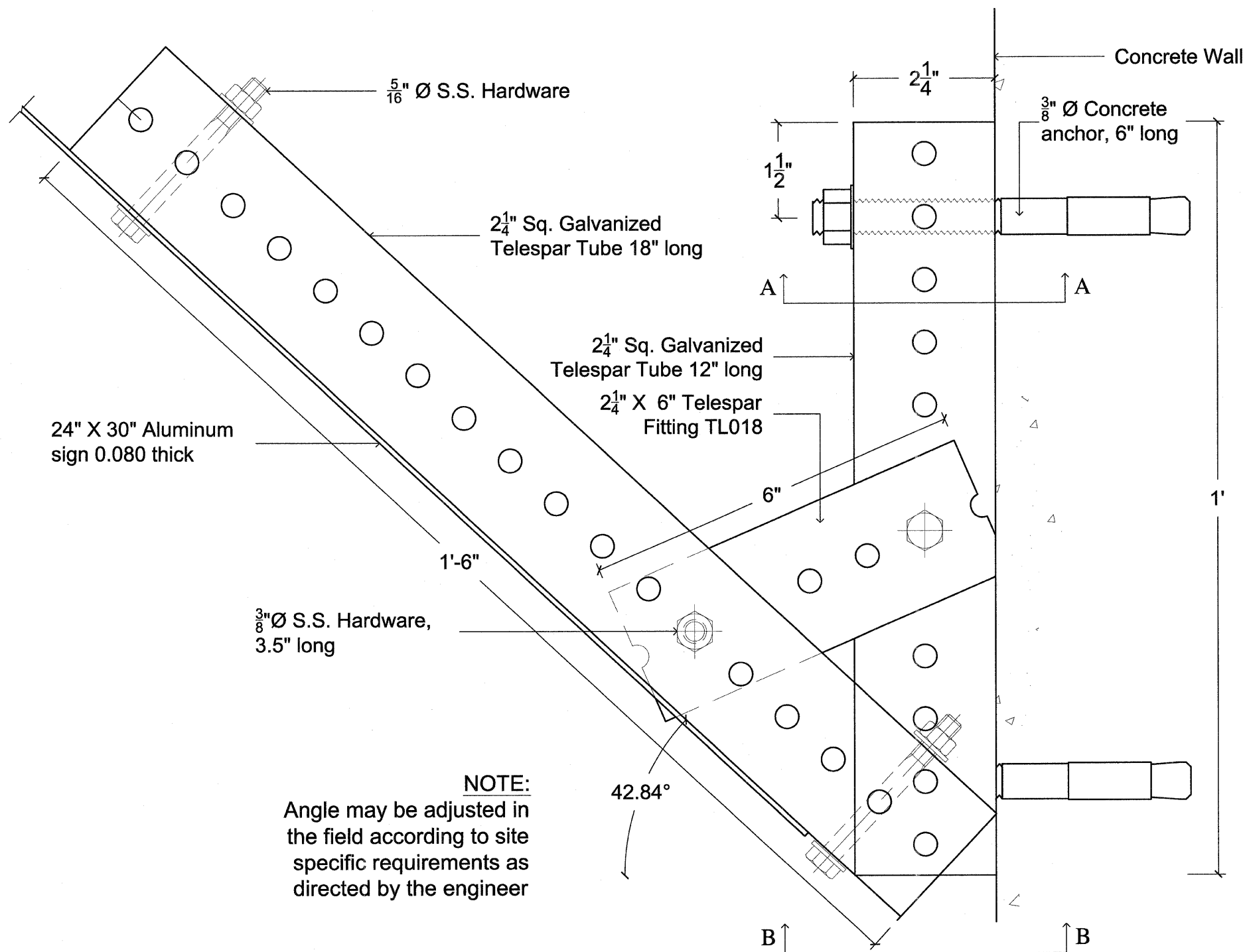


ALUMINUM SIGN PANEL  
WALL MOUNT SIGN SUPPORT  
QTY 2 PER SIGN



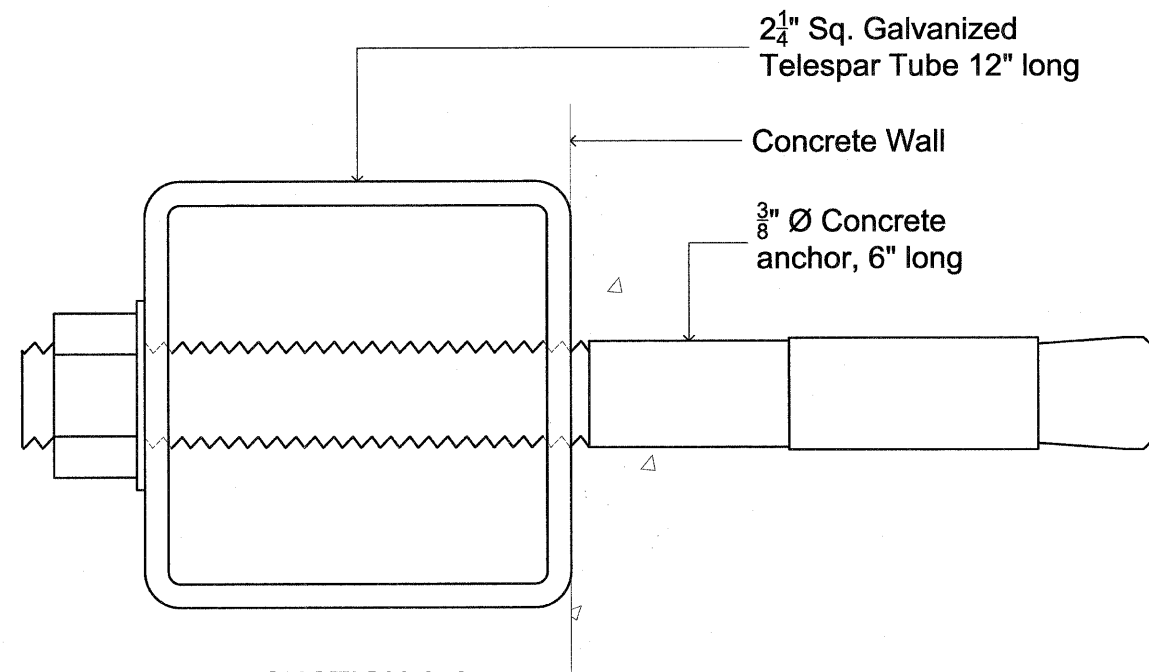
FRONT VIEW B-B  
SCALE 1:2

<b>IDOT</b>			
SCALE: <b>VARIOUS</b>	REVISED:	DRAWN BY: <b>D.V.</b>	
DATE: <b>11/30/05</b>	APPROVED BY:	JOB NO.: <b>05-024</b>	
<b>INSTALLATION DRAWING FOR WALL MOUNT SIGN SUPPORT</b>			
PROJECT NUMBER <b>62583</b>		DRAWING NO.:	<b>2 OF 2</b>



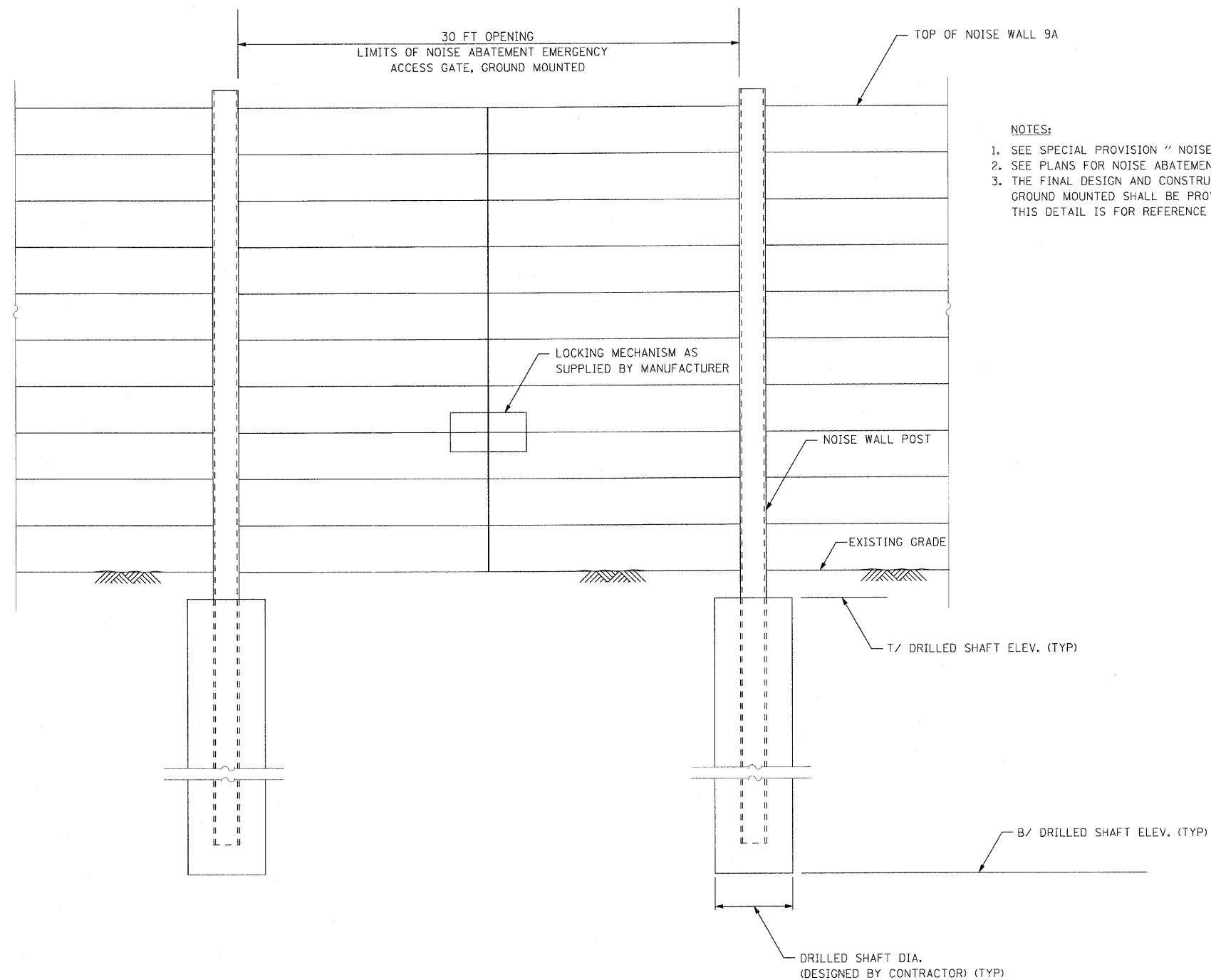
**NOTE:**  
Angle may be adjusted in the field according to site specific requirements as directed by the engineer

**WALL MOUNT SIGN SUPPORT  
PLAN VIEW  
SCALE 1:2**



<b>IDOT</b>		
SCALE: <b>VARIOUS</b>	REVISED:	DRAWN BY: <b>D.V.</b>
DATE: <b>11/30/05</b>	APPROVED BY:	JOB NO.: <b>05-024</b>
<b>INSTALLATION DRAWING FOR WALL MOUNT SIGN SUPPORT</b>		
PROJECT NUMBER 62583		DRAWING NO.: <b>1 of 2</b>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) 1-12	WILL	147	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. SEE SPECIAL PROVISION "NOISE ABATEMENT EMERGENCY ACCESS GATE, GROUND MOUNTED".
2. SEE PLANS FOR NOISE ABATEMENT EMERGENCY ACCESS GATE, GROUND MOUNTED LOCATION.
3. THE FINAL DESIGN AND CONSTRUCTION OF THE "NOISE ABATEMENT EMERGENCY ACCESS GATE, GROUND MOUNTED" SHALL BE PROVIDED BY THE CONTRACTOR AND NOISE WALL MANUFACTURER, THIS DETAIL IS FOR REFERENCE PURPOSE ONLY.

NOISE ABATEMENT EMERGENCY ACCESS GATE,  
GROUND MOUNTED  
STA. 686+58.39

REVISIONS	
NAME	DATE

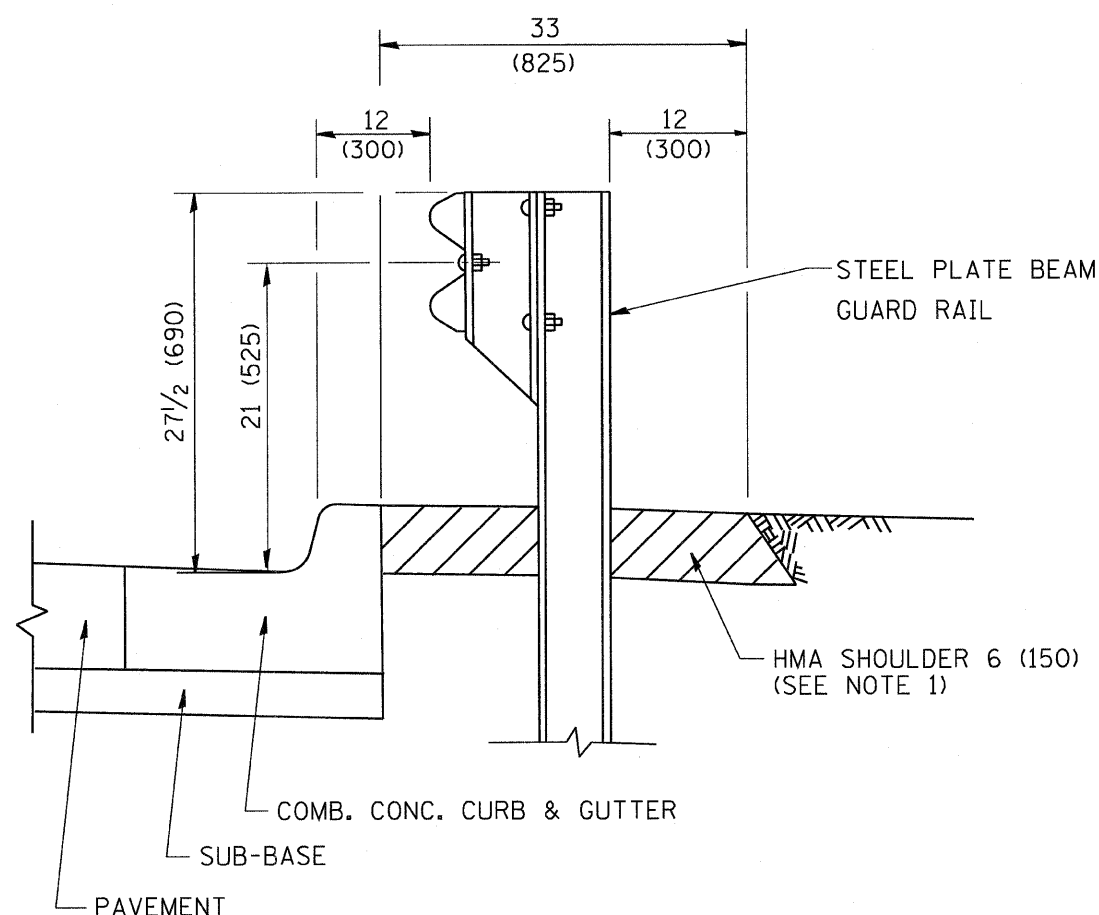
ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
NOISE ABATEMENT EMERGENCY  
ACCESS GATE, GROUND MOUNTED

SCALE: NONE  
DATE: 2-06-09

DRAWN BY: MMS  
CHECKED BY: DM



FINAL

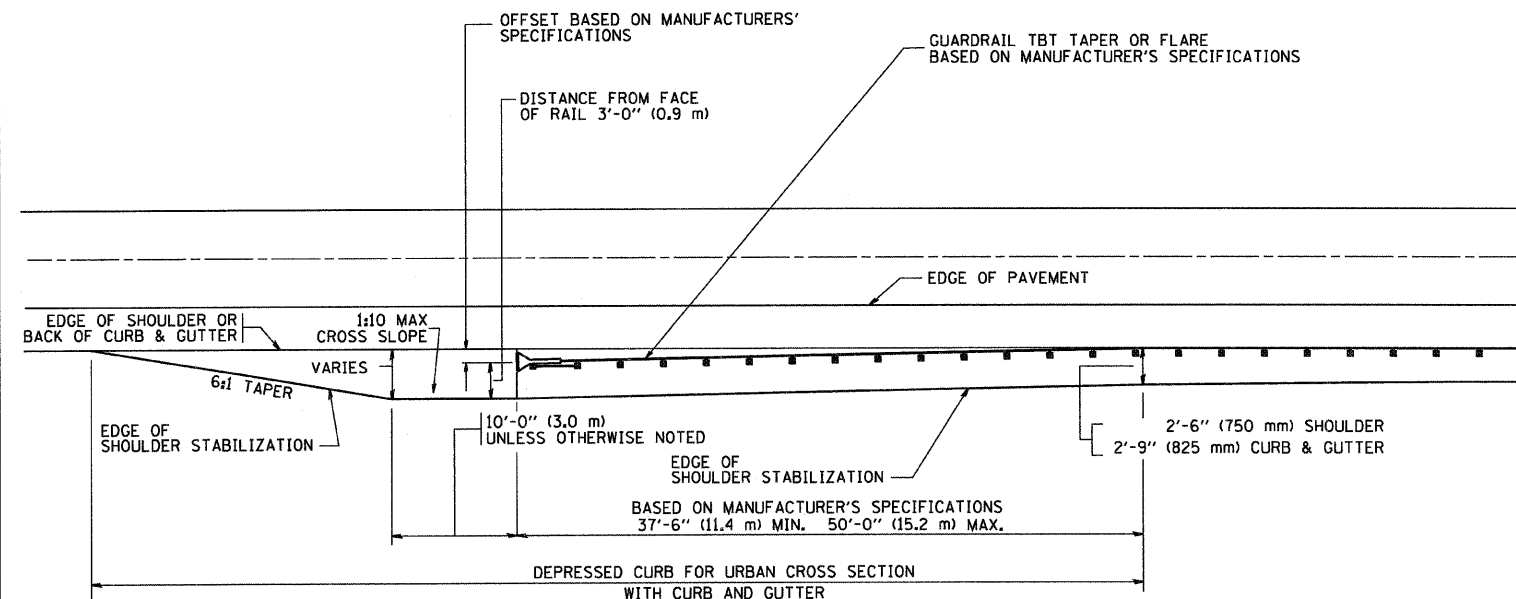


- NOTES: 1. THE HMA SHOULDER SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL
2. GUARD RAIL MAY BE PLACED AT THE BACK OF CURB WHEN DIRECTED BY THE ENGINEER.

BASIS OF PAYMENT: HMA SHOULDER 6 (150) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDER 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

**DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER**  
 [FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



**STABILIZATION AT TBT TY. 1 SPL.**

TBT = TRAFFIC BARRIER TERMINAL  
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

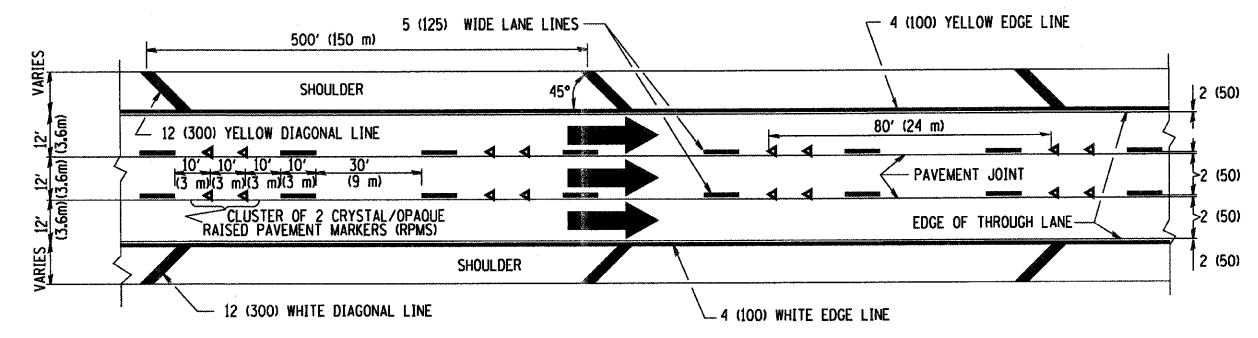
REVISIONS	
NAME	DATE
M. DE YONG	09-22-90
M. DE YONG	07-14-92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	02/23/95
A. ABBAS	03/21/97
E. GOMEZ	08/28/00
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER STABILIZATION AT TBT TY 1 SPL.**

SCALE: VERT. NONE  
 HORIZ. DRAWN BY JIs  
 CHECKED BY

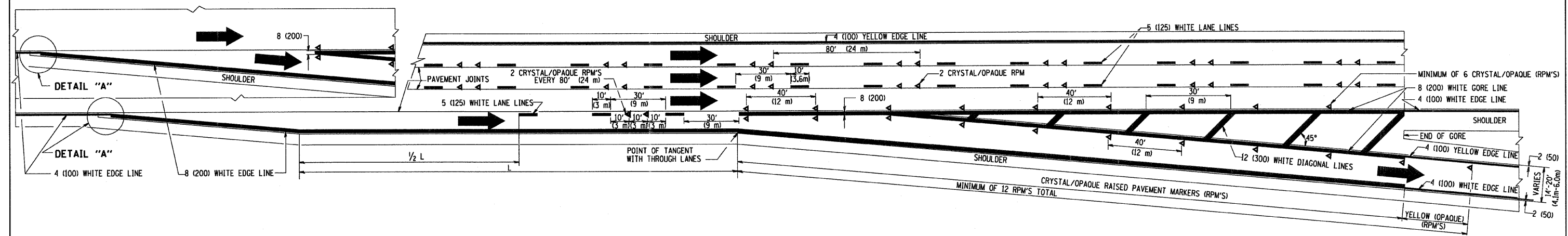
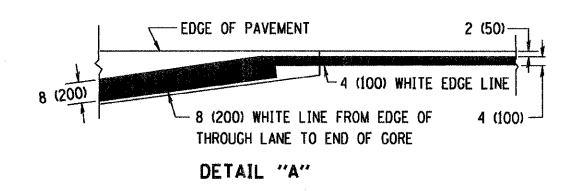
CONTRACT NO.			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
			147
			79
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH  
 THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH

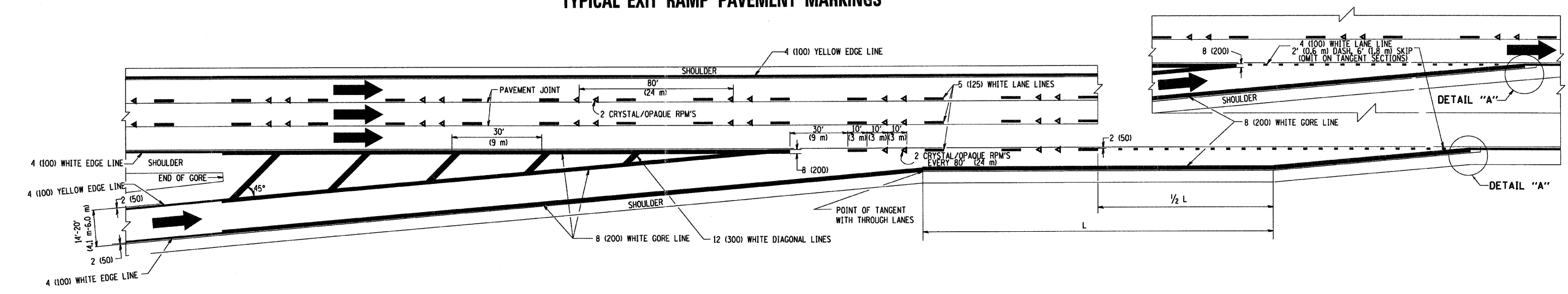


TYPICAL EDGE LINES & LANE LINES

- NOTES:
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
  2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT
  3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC



TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

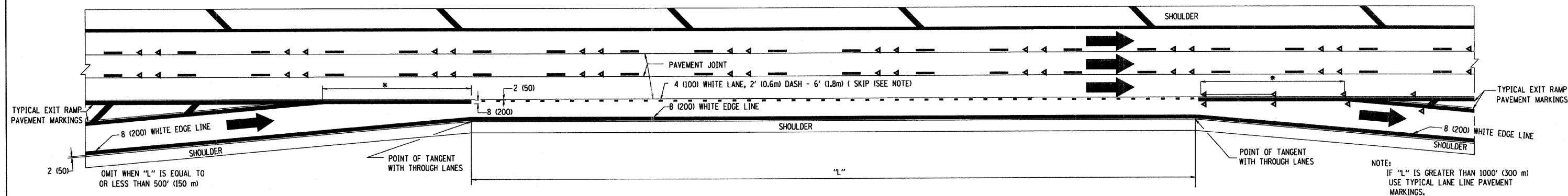
REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
AH	3/96
DWS	7/96
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS**  
 SCALE: NONE  
 DRAWN BY C.A.D.D.  
 CHECKED BY  
 TC12 SHEET 1 OF 2

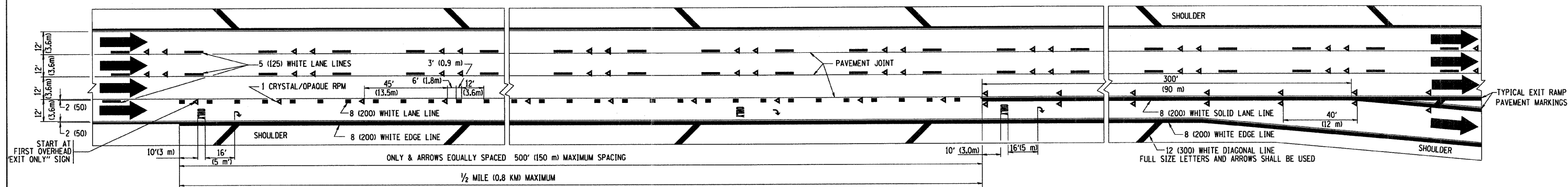
DATE = 3/6/2007  
 FILE NAME = K:\distr\1212.dgn  
 PLOT SCALE = 60,000 / IN.  
 USER NAME = bward



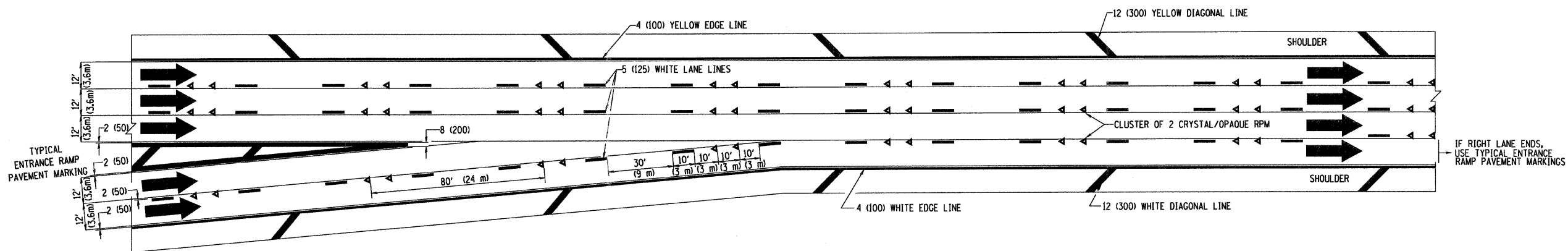
CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			147	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS**



**TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS**



**TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS**

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

**MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS**

SCALE: NONE

DRAWN BY C.A.D.D.

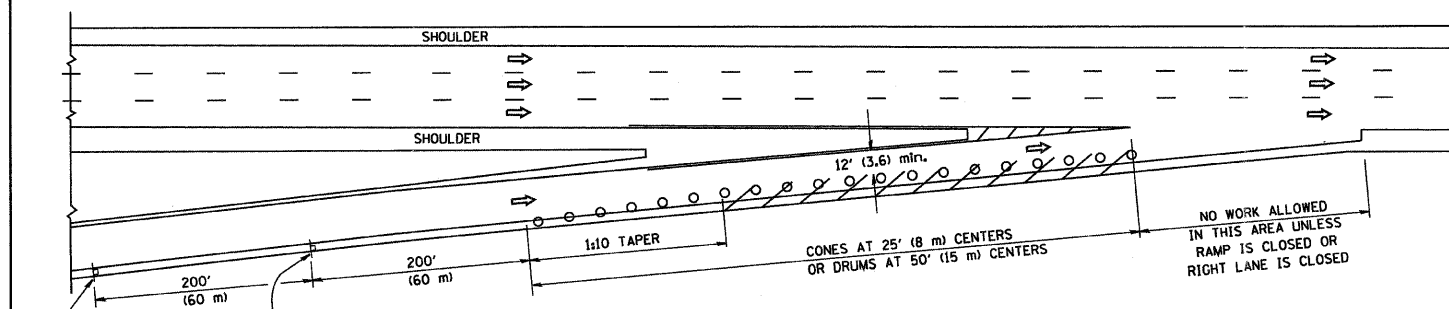
CHECKED BY

TC12 SHEET 2 OF 2

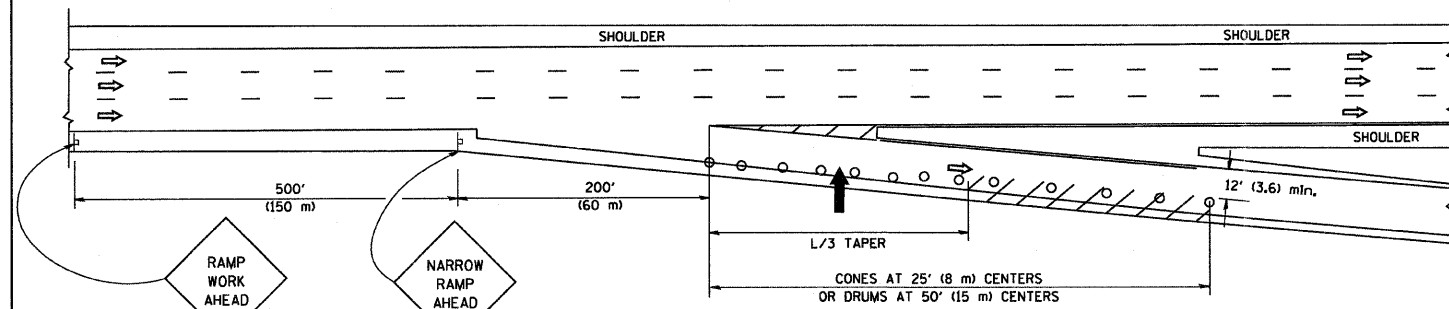
PLOT DATE = 7/6/2007  
 FILE NAME = K:\projects\1212.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = bward

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			147	81
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT _____		

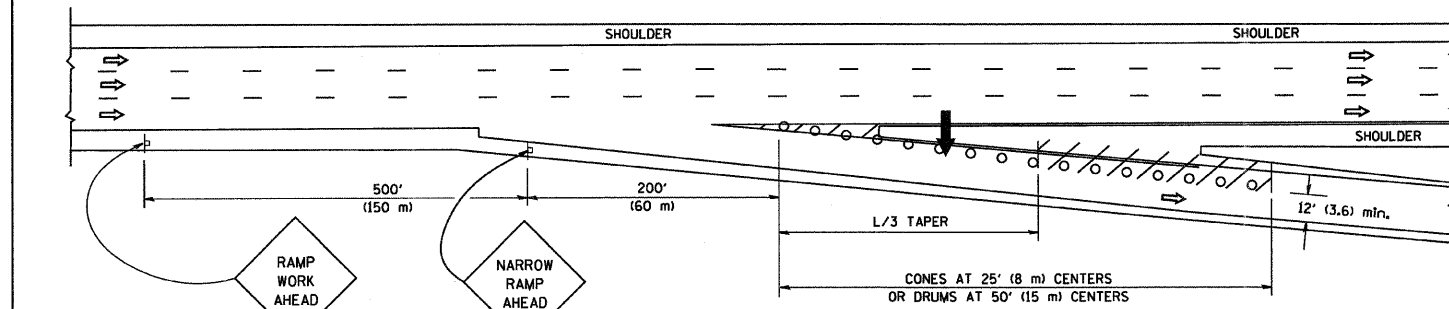
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

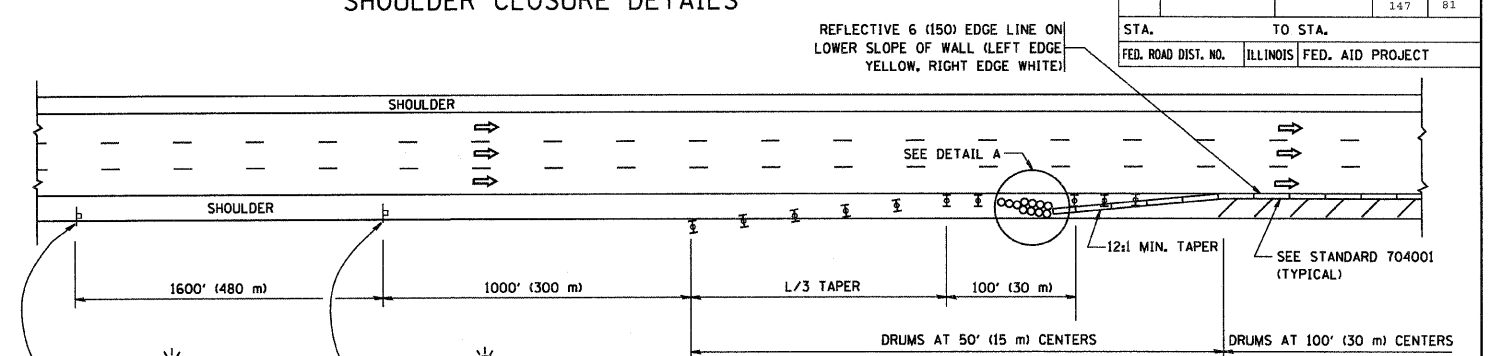
- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

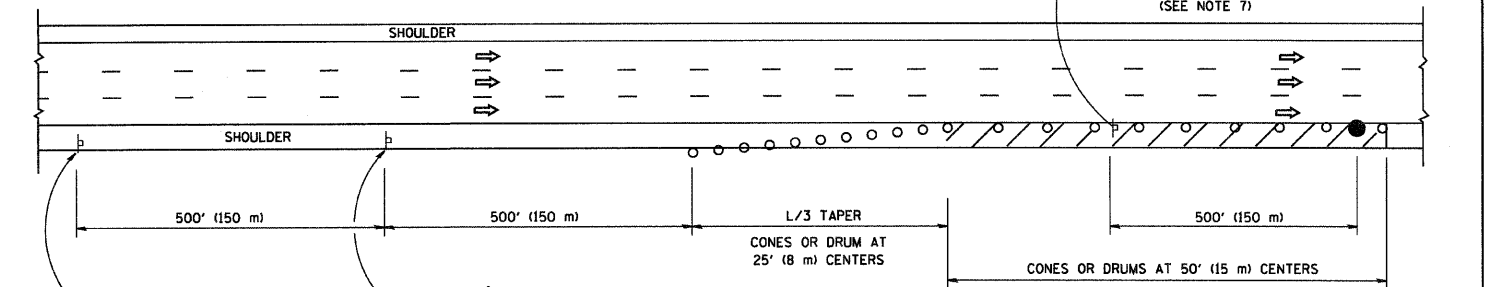
- THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH
	$L=0.65(W/S)$ $L=(W/S)$
W = WIDTH OF OFFSET IN FEET (METERS)	
S = NORMAL POSTED SPEED MPH (KM/H)	
- PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

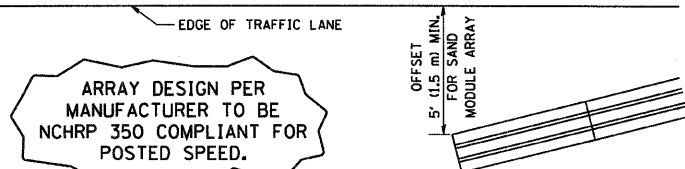


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:  
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUCH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"  
 IMPACT ATTENUATOR, TEMPORARY  
 (SEE NOTE 5)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

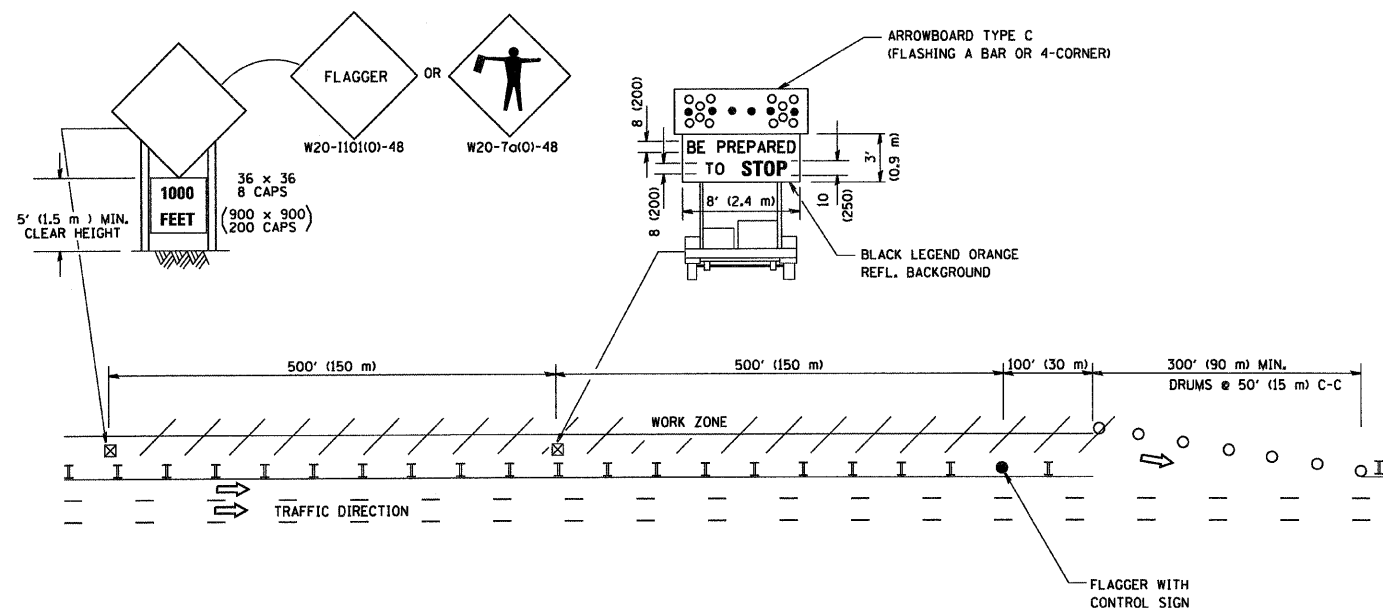
REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC CONTROL DETAILS  
 FOR FREEWAY  
 SHOULDER CLOSURES  
 PARTIAL RAMP CLOSURES

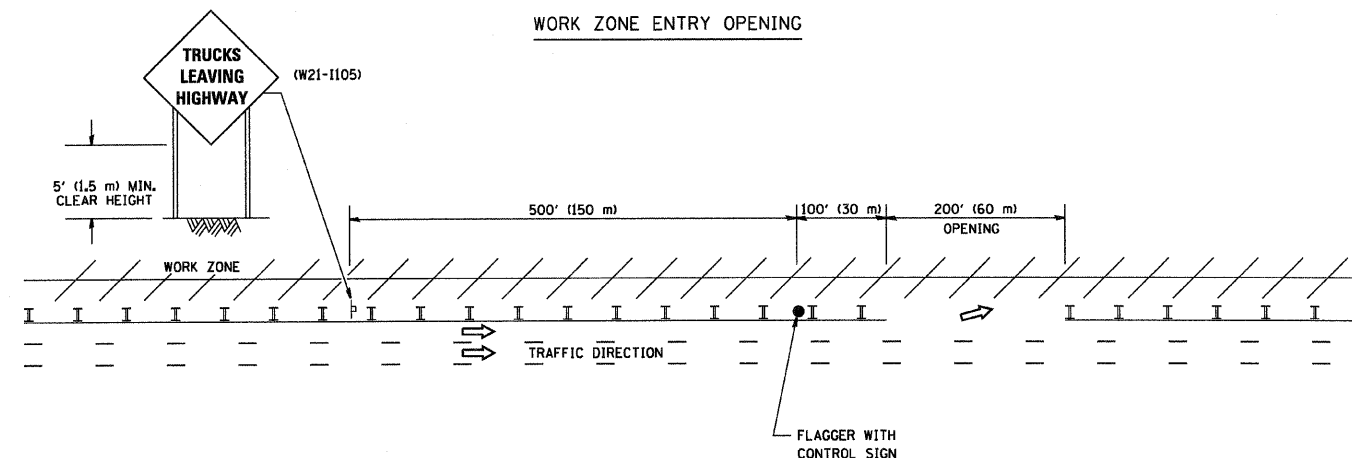
SCALE: NONE  
 DESIGNED BY: DWS  
 DRAWN BY:  
 CHECKED BY:  
 TC-17

### SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

#### WORK ZONE EXIT OPENING



#### WORK ZONE ENTRY OPENING



**NOTES:**

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03
JAF	2/06
SPB	1/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SIGNING FOR FLAGGING OPERATIONS  
AT WORK ZONE OPENINGS

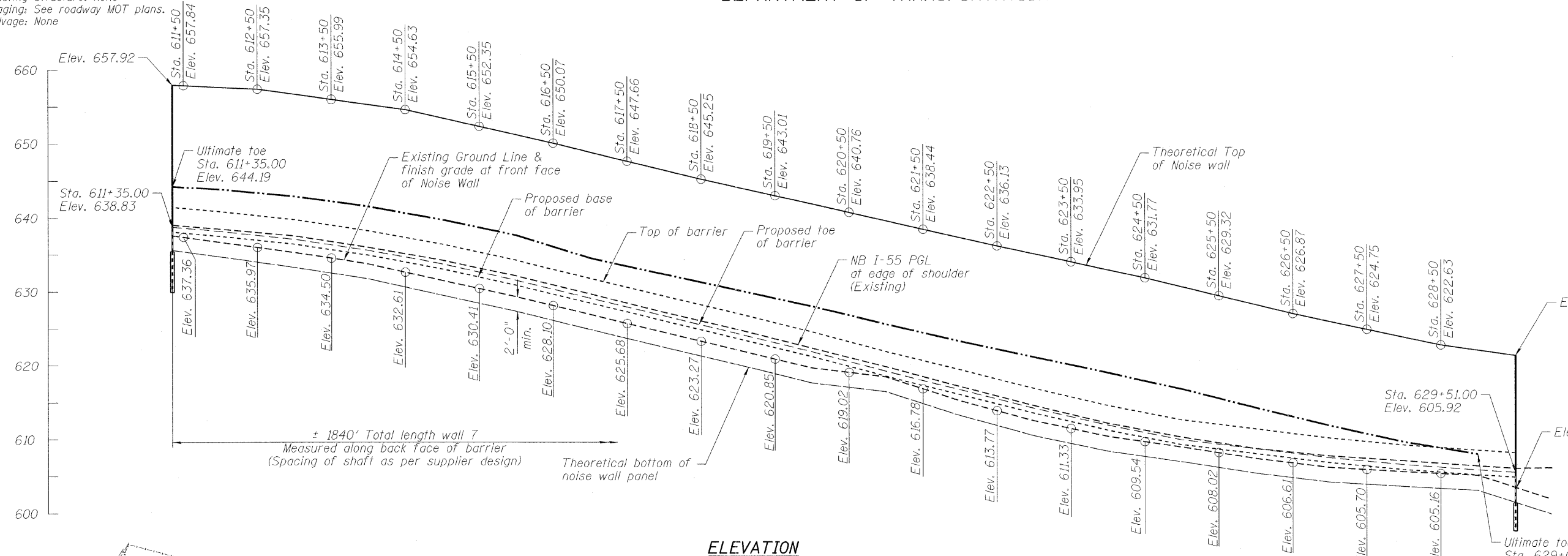
SCALE: NONE

DRAWN BY CADD  
CHECKED BY  
TC-18

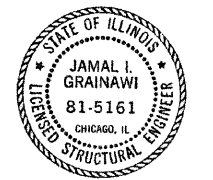
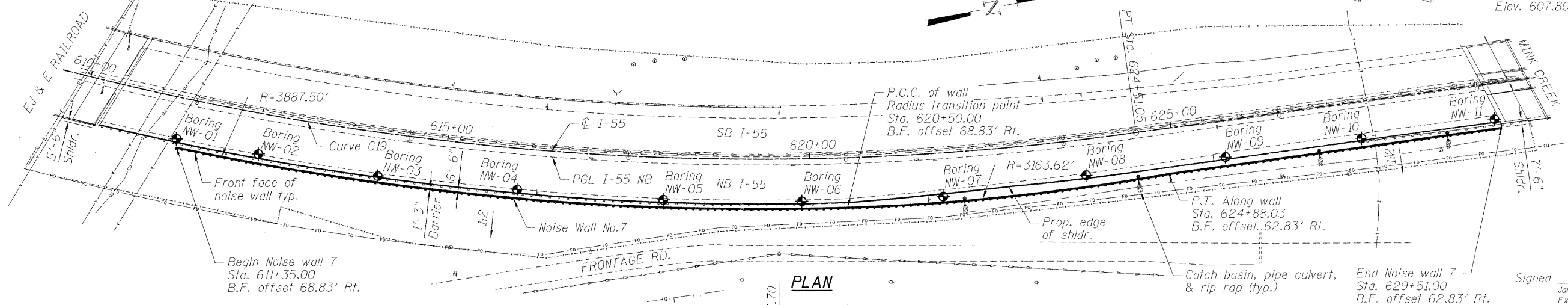
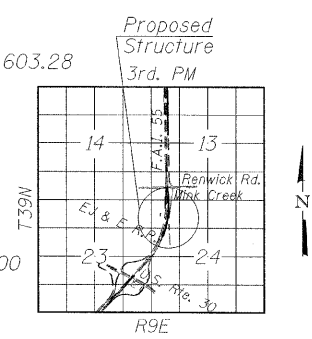
Bench Mark: No. 3206  
Cut on top SE wingwall of bridge over Mink Creek and 200' South of Renwick Rd. Elev. 606.27.

Existing Structure: None  
Staging: See roadway MOT plans.  
Salvage: None

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**APPROVED**  
FOR STRUCTURAL ADEQUACY ONLY  
R. E. Anderson (SEAL)  
ENGINEER OF BRIDGES AND STRUCTURES



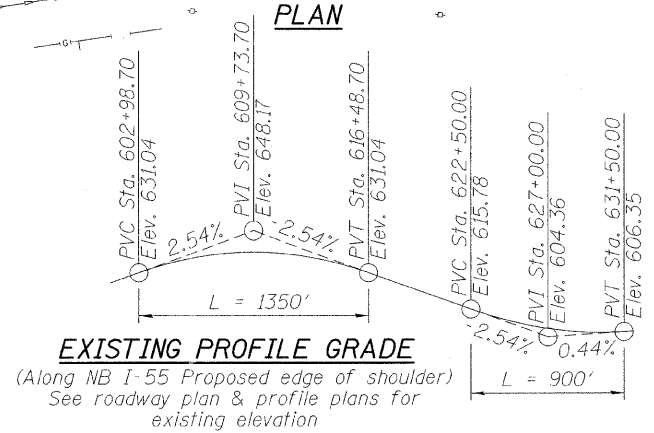
Signed Jamal Grainawi  
Jamal I. Grainawi, S.E., IL Lic. No. 081-005161  
Expires 11-30-2010  
Date 6/12/2009

**CURVE DATA C19**  
(Along @ I-55)  
P.I. Sta. = 610+78.59  
 $\Delta = 43^{\circ}22'01''$  (Lt.)  
 $D = 1^{\circ}30'00''$   
 $R = 3,820.00'$   
 $T = 1,518.89'$   
 $L = 2,891.35'$   
 $E = 290.89'$   
P.C. Sta. = 595+59.70  
P.T. Sta. = 624+51.05

**LOADING**  
Wind Load on noise wall = 35 psf

**DESIGN SPECIFICATIONS**  
AASHTO 2002 Standard Specifications for Highway Bridges  
AASHTO 1989 Guide Specifications for Structural Design of Sound Barriers and 1992 & 2002 Interims

**DESIGN STRESSES**  
**FIELD UNITS**  
 $f_c = 3,500$  psi  
 $f_y = 60,000$  psi (reinforcement)  
 $f_y = 50,000$  psi (M270 Grade 50)



Note:  
See sheet 2 of 7 for typical section.  
See roadway plans for drainage invert elevation.  
The Contractor shall verify and consider the locations of overhead utilities prior to wall erection.

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI

SHEET NO. 1 7 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	83
			CONTRACT NO.	60B04	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					



T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 7\099W024-60B04-001.dgn 12-JUN-2009 16:19

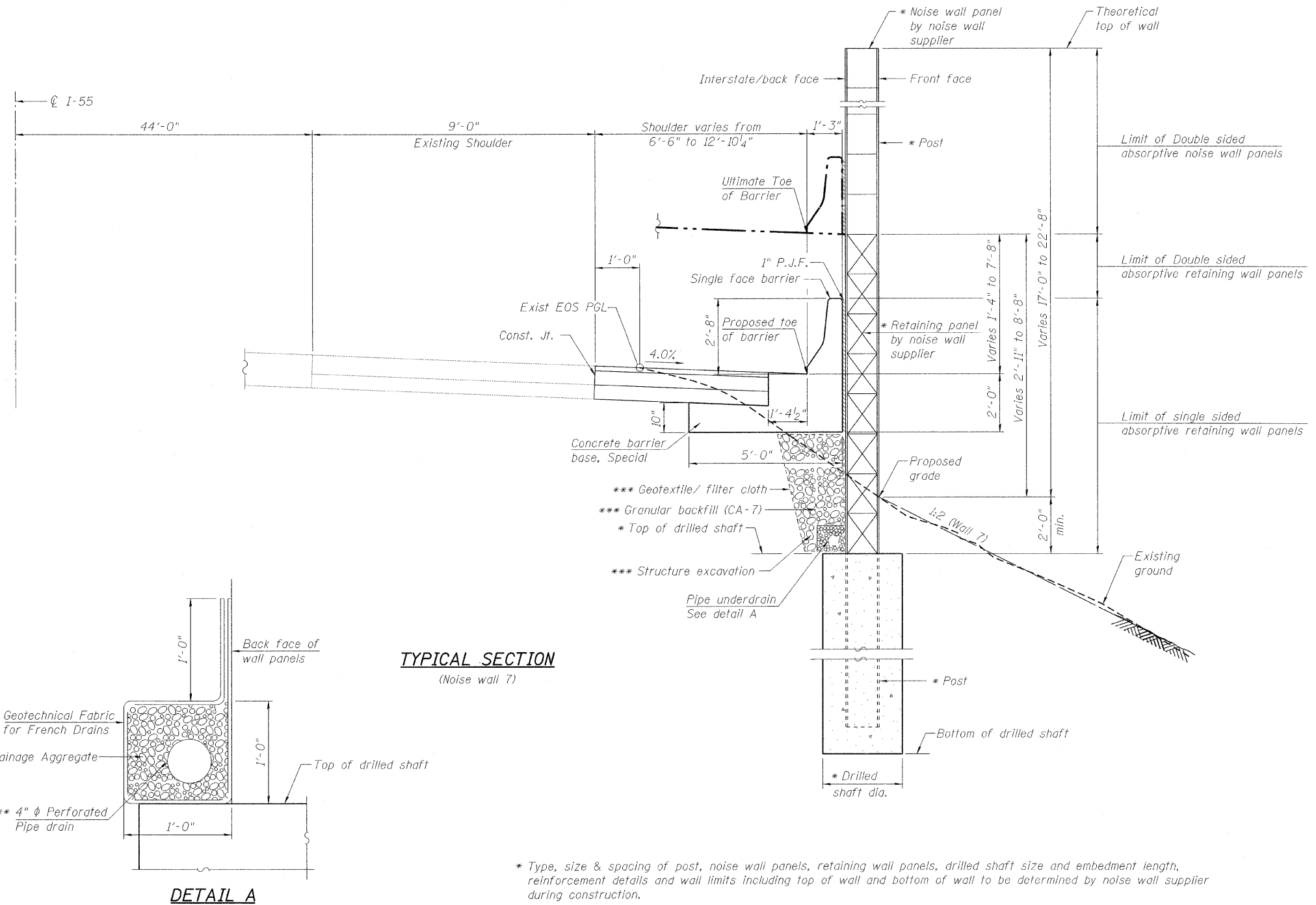
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

- 1 General Plan and Elevation
- 2-3 General Data
- 4-7 Soil Boring Logs

BILL OF MATERIAL

Item	Unit	Total
Noise Abatement wall, Structure mounted	Sq. Ft.	42,670
Pipe Underdrains for Structures 4"	Foot	1840



- \* Type, size & spacing of post, noise wall panels, retaining wall panels, drilled shaft size and embedment length, reinforcement details and wall limits including top of wall and bottom of wall to be determined by noise wall supplier during construction.
- \*\* Included in the cost of "Pipe Underdrains for Structures".
- \*\*\* Cost of Structure excavation, Geotextile/filter cloth and Granular backfill will be included in the cost of "Noise Abatement Wall, Structure mounted". Refer to Standard Specifications Article 502 for Structure Excavation and Article 282 for Geotextile/filter cloth. Refer to the Special Provision for Porous Granular Embankment (Special) for Granular Backfill.

Note:  
The foundation, posts, and retaining wall panel shall be designed to accommodate the ultimate or maximum noise wall height and earth retention condition.

GENERAL DATA  
STRUCTURE NO. 099-W024

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI

SHEET NO. 2	F.A.I RTE. 55	SECTION 99 (1&2) I-12	COUNTY WILL	TOTAL SHEETS 147	SHEET NO. 84
7 SHEETS	CONTRACT NO. 60B04			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	



T:\16617A\Struct\Cadd\Pre-Final\Noise wall\Wall 7099\W024-60B04-002.dgn 12-JUN-2009 16:19

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**WORK POINTS & ELEVATION**

Station	Offset Right	Theoretical Top/wall	Theoretical Bottom/wall	Proposed Grade Elev.	Ultimate Barrier Toe/Elev.	Proposed Barrier Toe/Elev.
611+35.00	67.50	657.92	635.57	637.57	644.19	638.83
611+50.00	67.50	657.85	635.36	637.36	644.11	638.71
612+00.00	67.50	657.60	634.67	636.67	643.83	638.29
612+50.00	67.50	657.35	633.97	635.97	643.35	637.83
613+00.00	67.50	656.67	633.28	635.28	642.87	637.37
613+50.00	67.50	655.99	632.50	634.50	642.19	636.59
614+00.00	67.50	655.31	631.72	633.72	641.51	635.80
614+50.00	67.50	654.63	630.61	632.61	640.63	634.91
615+00.00	67.50	653.49	629.51	631.51	639.74	634.02
615+50.00	67.50	652.35	628.41	630.41	638.69	632.98
616+00.00	67.50	651.21	627.31	629.31	637.63	631.94
616+50.00	67.50	650.07	626.10	628.10	636.07	630.73
617+00.00	67.50	648.87	624.89	626.89	634.50	629.52
617+50.00	67.50	647.66	623.68	625.68	633.42	628.26
618+00.00	67.50	646.46	622.47	624.47	632.34	626.99
618+50.00	67.50	645.25	621.27	623.27	631.25	625.84
619+00.00	67.50	644.13	620.07	622.07	630.17	624.68
619+50.00	67.50	643.01	618.85	620.85	629.07	623.42
620+00.00	67.50	641.88	617.63	619.63	627.97	622.16

**WORK POINTS & ELEVATION**

Station	Offset Right	Theoretical Top/wall	Theoretical Bottom/wall	Proposed Grade Elev.	Ultimate Barrier Toe/Elev.	Proposed Barrier Toe/Elev.
620+50.00	67.50	640.76	617.02	619.02	626.76	620.83
621+00.00	67.42	639.96	616.41	618.41	625.55	619.50
621+50.00	67.12	638.45	614.78	616.78	624.38	618.10
622+00.00	66.81	637.29	613.15	615.15	623.22	616.70
622+50.00	66.20	636.13	611.77	613.77	622.13	615.38
623+00.00	65.59	635.04	610.38	612.38	621.04	614.05
623+50.00	64.68	633.95	609.33	611.33	619.96	612.87
624+00.00	63.77	632.86	608.27	610.27	618.88	611.68
624+50.00	62.48	631.77	607.54	609.54	617.77	610.10
625+00.00	61.50	630.55	606.80	608.80	616.65	609.88
625+50.00	61.50	629.32	606.02	608.02	615.38	609.10
626+00.00	61.50	628.10	605.24	607.24	614.10	608.32
626+50.00	61.50	626.87	604.61	606.61	612.87	607.81
627+00.00	61.50	625.81	603.99	605.99	611.64	607.30
627+50.00	61.50	624.75	603.70	605.70	610.55	606.97
628+00.00	61.50	623.69	603.41	605.41	609.46	606.63
628+50.00	61.50	622.63	603.16	605.16	608.63	606.28
629+00.00	61.50	621.93	602.90	604.90	607.80	605.93
629+51.00	61.50	621.22	601.28	603.28	607.22	605.92

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 7\099W024-60B04-003.dgn  
12-JUN-2009 16:19

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI

**GENERAL DATA**  
**STRUCTURE NO. 099-W024**

SHEET NO. 3 7 SHEETS	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	85
			CONTRACT NO.	60B04	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BMS-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-01</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>611+33</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>56.6'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>639.3</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		638.4	4" Bituminous Concrete		Auger			
1.0-2.5		836.3	7" Portland Cement Concrete	12	50			7
		635.3	FILL: Sand A-1-a		15-12			
3.5-5.0			FILL: Br to Gr Medium to Coarse Sand A-3	10	3-7			9
6.0-7.5				10	4	2.4	15	19
8.5-10.0				8	6-7	4.5	15	18
11.0-12.5				12	5-8	2.1	13	16
13.5-15.0				14	4	5-7	2.4	10
			FILL: Br to Gr Clay A-6					
18.5-20.0				16	3	4-8	3.1	14
23.5-25.0				16	4	6-10	2.7	15
28.5-30.0		610.1		16	6	9-11	(2.5)	26
		607.8	FILL: Black Silty Clay A-6, trace Organic matter noted					
33.5-35.0		604.3	Hard Br Clay Loam A-6, trace Sand	18	3	5-7	4.1	15
Boring terminated @ 35'								
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	✓	CORE SIZE	IN.	DATE:	Oct 20, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BMS-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-02</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>612+46</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>55.3'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>638.5</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		637.3	4" Bituminous Concrete		Auger			
1.0-2.5			10" Portland Cement Concrete	12	4	3.6	15	13
3.5-5.0				8	2	4-7	3.9	9
			FILL: Br to Gr Clay Loam A-6					
6.0-7.5				12	4	4-7	(1.5)	16
8.5-10.0		628.5		0	3	5-7	(1.5)	14
11.0-12.5				12	3	7-10	7.4	15
13.5-15.0			FILL: Br to Gr Clay A-6	14	3	5-5	2.9	15
18.5-20.0		619.5		18	3	4-7	3.0	15
23.5-25.0				18	4	7-9	3.6	15
28.5-30.0			FILL: Black Silty Clay A-6, trace Organic matter noted	18	4	7-10	4.3	15
		606.5						
33.5-35.0		603.5	Very Stiff Br Clay Loam A-6	18	4	5-4	2.9	15
Boring terminated @ 35'								
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	✓	CORE SIZE	IN.	DATE:	Oct 20, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BMS-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-03</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>614+11</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>59.5'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>636.0</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		634.7	8" Bituminous Concrete		Auger			
1.0-2.5			10" Sand A-1-a	10	6	5-3	(4.5+)	12
3.5-5.0				11	2	3-4	1.9	15
			FILL: Br to Gr Clay Loam A-6, trace Silt					
6.0-7.5				12	4	6-12	2.1	15
8.5-10.0				15	3	6-9	1.3	15
11.0-12.5		624.5		15	6	6-7	3.1	15
13.5-15.0				14	4	6-6	2.9	15
18.5-20.0			FILL: Br to Gr Clay A-6	13	5	7-10	3.1	15
23.5-25.0		609.0		16	4	6-6	2.8	12
28.5-30.0		605.0	FILL: Black Silty Clay A-6, trace Organic matter noted	14	4	7-10	4.9	15
33.5-35.0		601.0	Very Stiff Br to Gr Clay A-7-6	11	3	5-9	2.4	15
Boring terminated @ 35'								
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	✓	CORE SIZE	IN.	DATE:	Oct 20, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

SOIL BORING LOGS  
STRUCTURE NO. 099-W024

SHEET NO. 4	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	55	99 (I&2) I-12	WILL	147	86
FED. ROAD DIST. NO. 7			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 60B04					



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-04</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>616+01</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>56.6'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>632.4</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		830.9	8" Bituminous Concrete 10" Sand A-1-a		Auger			
1.5-3.0				12	5	(4.0)		12
3.5-5.0			FILL: Br to Gr Clay Loam A-6, trace Gravel	13	2			
6.0-7.5				12	4-8	2.4	15	16
8.5-10.0		621.9		12	5-7	2.6	13	18
11.0-12.5				16	5			
13.5-15.0				16	8-8	6.9	15	14
18.5-20.0			FILL: Br to Black Silty Clay A-6	15	2			
23.5-25.0				15	5-6	2.4	15	23
28.5-30.0		605.4		14	3			
33.5-35.0		587.4	Very Stiff Br Clay A-6	16	4-7	2.5	15	16
Boring Terminated @ 35'								
REMARKS: Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	✓	CORE SIZE	IN.	DATE	Oct 20, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-05</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>618+00</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>57.9'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>627.6</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		628.1	8" Bituminous Concrete 10" Sand A-1-a		Auger			
1.0-2.5				10	6-4-3	(1.3)		10
3.5-5.0			FILL: Gr Clay Loam A-6, trace Gravel	1	4			
6.0-7.5				1	4-5	(4.5)		16
8.5-10.0			FILL: Br to Gr Clayey Silt A-6, trace Sand	11	5			
11.0-12.5		619.6		11	6-7	3.8	11	15
13.5-15.0				12	3			
18.5-20.0			FILL: Br to Gr Clay A-6	12	4-8	2.9	11	17
23.5-25.0				14	3			
28.5-30.0				14	4-8	2.0	9	22
33.5-35.0				15	4			
38.5-40.0			FILL: Br to Black Silty Clay A-6	15	7-11	2.6	8	18
				18	3			
				18	6-10	4.1	9	20
			Hard Br to Gr Clay A-6	18	5			
				18	6-9	4.4	15	17
			Very Stiff Gr Clay A-6	18	4			
				18	6-8	(2.0)		20
				16	7			
			Medium Dense Gr Silt A-4	16	9-12			18
				18	8			
			Very Dense Gr Sand A-3, trace Silt	18	12-17			
Boring terminated @ 40'								
REMARKS: Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	34.5 FT. ELEV.	593.1	DURING DRILLING	✓	CORE SIZE	IN.	DATE	Oct 21, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-06</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>619+88</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>58.0'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>623.0</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		621.4	8" Bituminous Concrete 11" Sand A-1-a		Auger			
1.0-2.5				10	3			13
3.5-5.0			FILL: Br Clay Loam A-6	8	4			
6.0-7.5				8	3-4	(2.8)		17
8.5-10.0			FILL: Br to Gr Clay Loam A-6	8	4			
11.0-12.5				8	5-11			13
13.5-15.0				18	2			
18.5-20.0			FILL: Br to Gr Clay A-6	18	4-8	(4.5)		16
23.5-25.0				18	2			
28.5-30.0			FILL: Br to Gr Clay A-6	18	5-8	3.5	15	24
33.5-35.0			FILL: Br to Black Silty Clay A-6, trace Organic matter noted	18	3			
				18	7-11	2.4	15	19
				10	2			
			Very Stiff Br Clayey Silt A-6	10	4-8	3.0	9	20
				2	3			
			Hard Gr Clay A-6	2	4-12	4.4	15	17
				14	7			
			Medium Dense Gr Sandy Loam A-2-4, trace Clay	14	13-12			19
				18	3			
			Medium Dense Gr Sand A-3	18	5-15			25
Boring terminated @ 35'								
REMARKS: Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate		
WATER	29.5 FT. ELEV.	593.5	DURING DRILLING	✓	CORE SIZE	IN.	DATE	Oct 21, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

SOIL BORING LOGS  
STRUCTURE NO. 099-W024

SHEET NO. 5	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	55	99 (1&2) I-12	WILL	147	87
CONTRACT NO. 60B04			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 7\099W024-60B04-005.dgn  
05-FEB-2008 16:43



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-07				
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	621+80	LOCATION:	Noise Wall No.7				
LOCATION:	Noise Wall No.7	OFFSET:	59.7'	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers				
		SURF ELEV:	617.5						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0	616.5	FILL: Sand A-1-a		Auger 5				
	1.0-2.5			8	2-3	(0.8)		17	
	3.5-5.0		FILL: Br to Gr Clay A-6	10	3	3.7	15	23	
	8.0-7.5			14	5-7	2.1	15	21	
	8.5-10.0	608.5	FILL: Black Silty Clay A-6, trace Organic matter noted	14	3	7.8	15	23	
	11.0-12.5	607.0	Very Stiff to Hard Br Clay A-7-8	18	3	2.5	15	20	
	13.5-15.0	603.3	Medium Dense Gr Silt A-4	14	5	4.0	13	16	
	18.5-20.0	600.5	Very Loose Gr Silt A-4	18	2	1-2		17	
	23.5-25.0	595.5		13	2	2.4		18	
	28.5-30.0		Loose to Medium Dense Gr Sand A-3, trace Gravel	12	2	3-5		19	
	33.5-35.0	582.5		10	9	10-4		7	
Boring terminated @ 35'									
REMARKS: Automatic Hammer Used. * Water introduced into borehole below 20' due to blowing Sand. ( ) Denotes Calibrated Penetrometer Estimate									
WATER	14.5 FT. ELEV.	603.0	DURING DRILLING	☒	CORE SIZE	IN.	DATE:	Oct 21, 08	
WATER	FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shilmon	
WATER	* FT. ELEV.		AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR:	Kuzel	

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-08				
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	623+76	LOCATION:	Noise Wall No.7				
LOCATION:	Noise Wall No.7	OFFSET:	49.0'	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers				
		SURF ELEV:	612.9						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0	611.9	FILL: Sand A-1-a		Auger 7				
	1.0-2.5			8	5-7			20	
	3.5-5.0		FILL: Gr Clay A-6	14	7	4.0	15	18	
	8.0-7.5			10	5	3.5	9	15	
	8.5-10.0	604.9	FILL: Black Silty Clay A-6, trace Organic matter noted	11	3	4-7			
	11.0-12.5	603.9	Very Stiff Br Clay A-7-8	13	3	2.7	9	24	
	13.5-15.0	599.9	Loose Br Sandy Loam A-4	11	1	3-6		22	
	18.5-20.0	595.9		12	3	5-8		15	
	23.5-25.0		Medium Dense to Very Dense Gr Sand A-1-b	13	5	7-5		11	
	28.5-30.0			8	12	50/5"		13	
	33.5-34.8	578.1		2	3	5-50/4"		10	
Boring Terminated @ 34.8'									
REMARKS: Automatic Hammer Used. * Water introduced into borehole below 28' due to blowing Sand. ( ) Denotes Calibrated Penetrometer Estimate									
WATER	16 FT. ELEV.	596.9	DURING DRILLING	☒	CORE SIZE	IN.	DATE:	Oct 21, 08	
WATER	FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shilmon	
WATER	* FT. ELEV.		AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR:	Kuzel	

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-09				
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	625+69	LOCATION:	Noise Wall No.7				
LOCATION:	Noise Wall No.7	OFFSET:	50.0'	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers				
		SURF ELEV:	609.0						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0				Auger 7				
	1.0-2.5		FILL: Sand A-1-a	5	26-7			1	
	3.5-5.0	605.0	FILL: Gr Clay A-6	14	3	4-6	2.4	22	
	8.0-7.5	602.0		14	4	4-7		15	
	8.5-10.0		FILL: Black Silty Clay A-6, trace Organic matter noted	4	3	3-5		31	
	11.0-12.5	597.5	Stiff Br Clay A-6	13	2	1	1.7	13	
	13.5-15.0	595.0		8	2	4-7		18	
	18.5-20.0			18	4	6-9		15	
	23.5-25.0		Medium Dense to Very Dense Br Sand A-3	8	4	15-12		11	
	28.5-30.0			10	17	19-9		10	
Auger Refusal @ 32.5'									
REMARKS: Automatic Hammer Used ( ) Denotes Calibrated Penetrometer Estimate									
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	☒	CORE SIZE	IN.	DATE:	Oct 22, 08	
WATER	FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shilmon	
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR:	Kuzel	

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-



SHEET NO. 6	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	88
7 SHEETS	CONTRACT NO. 60B04				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SOIL BORING LOGS  
STRUCTURE NO. 099-W024

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 70899\W024-60B04-006.dgn  
05-FEB-2009 18:43

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG				CHICAGO, ILLINOIS			
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-10</b>							
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>627+58</b>							
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>50.3'</b>							
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>607.2</b>							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0	605.9	FILL: Sand A-1-a		Auger 5				
	1.0-2.5	604.2	FILL: Br Loam A-4	12	8-8	6.0	15	14	
	3.5-5.0		FILL: Br Clay A-6	10	3 5-7	4.5	15	20	
	8.0-7.5			12	2 3-5	2.4	15	19	
	8.5-10.0	599.2 598.2	FILL: Br to Gr Sand A-3	10	5 7-9			20	
	11.0-12.5	595.0	FILL: Br to Black Silty Clay A-7-6, trace pieces of wood	10	5 7-10			19	
	13.5-15.0			8	5 7-9			15	
	18.5-20.0		Medium Dense Br Sand A-3, trace Gravel	8	4 6-7			16	
	23.5-25.0	582.2		8	20 14-7			12	
	27.5-27.6	579.6	Very Dense Br Sand A-3, trace Gravel Auger Refusal @ 27.6'	1/2"	50/0.5'			11	
<b>REMARKS:</b> Automatic Hammer Used. * Water introduced into borehole below 15' due to blowing Sand. ( ) Denotes Calibrated Penetrometer Estimate.									
WATER 14 FT. ELEV. 593.2 DURING DRILLING <input checked="" type="checkbox"/> CORE SIZE IN. DATE: <b>Oct 22, 08</b> WATER FT. ELEV. AT COMPLETION <input checked="" type="checkbox"/> CASING LENGTH FT. DRILLER: <b>Shlimon</b> WATER * FT. ELEV. AFTER 1/4 HRS. <input checked="" type="checkbox"/> CASING DIAMETER IN. INSPECTOR: <b>Kuzel</b>									

BLOOM COMPANIES, LLC.		BORING LOG				CHICAGO, ILLINOIS			
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-11</b>							
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>629+43</b>							
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>48.8'</b>							
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>606.0</b>							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0	604.5	18" Bituminous Concrete		Auger 90				
	1.0-2.5			12	41-7			20	
	3.5-5.0		FILL: Gr Silty Clay A-7-6	13	3 5-6	3.3	20	31	
	6.0-7.5			15	2 5-16	(3.0)		21	
	8.5-10.0	597.0	FILL: Black Silty Clay A-7-6, trace Organic matter noted	13	2 2-8	1.6	20	32	
	11.0-12.5	594.5	Very Soft Gr Clay A-8	11	1-2	0.2	20	28	
	13.5-15.0	592.0	Loose Br to Gr Sand A-3	8	3 5-2			11	
	18.5-20.0	587.0	Medium Dense Gr Silt A-2-4, some Sand	12	7 9-16			16	
	23.5-25.0	584.0	Medium Dense Gr Sand A-1-a	6	6 3-18			13	
	27.5-27.6	579.0 576.4	Very Dense Gr Sand A-1-a Boring terminated @ 27.6'	0.5	50/1/2'				
<b>REMARKS:</b> Automatic Hammer Used. * Water introduced into borehole below 15' due to blowing Sand. ( ) Denotes Calibrated Penetrometer Estimate.									
WATER 9 FT. ELEV. 597.0 DURING DRILLING <input checked="" type="checkbox"/> CORE SIZE IN. DATE: <b>Oct 22, 08</b> WATER FT. ELEV. AT COMPLETION <input checked="" type="checkbox"/> CASING LENGTH FT. DRILLER: <b>Shlimon</b> WATER * FT. ELEV. AFTER 1/4 HRS. <input checked="" type="checkbox"/> CASING DIAMETER IN. INSPECTOR: <b>Kuzel</b>									

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 7\099W024-60B04-007.dgn  
05-FEB-2009 16:43

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

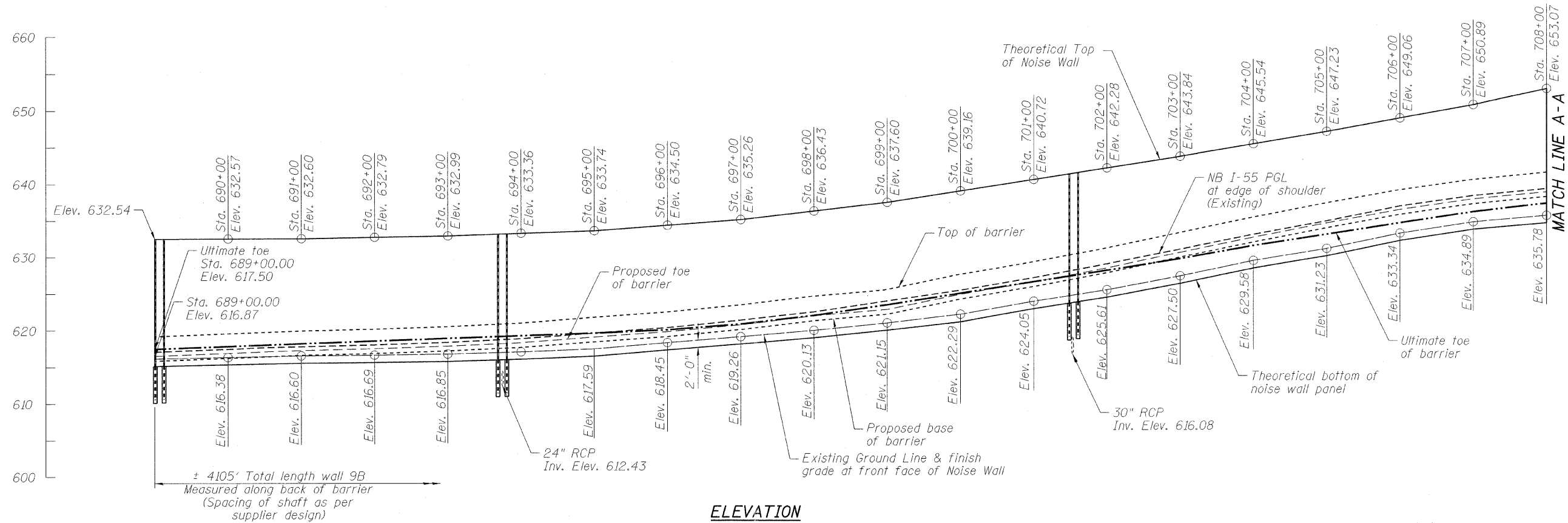
**SOIL BORING LOGS  
STRUCTURE NO. 099-W024**



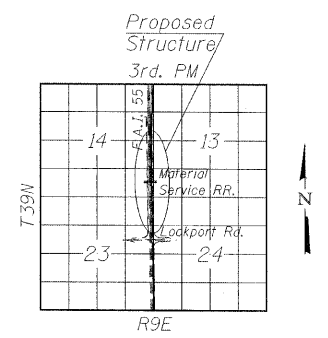
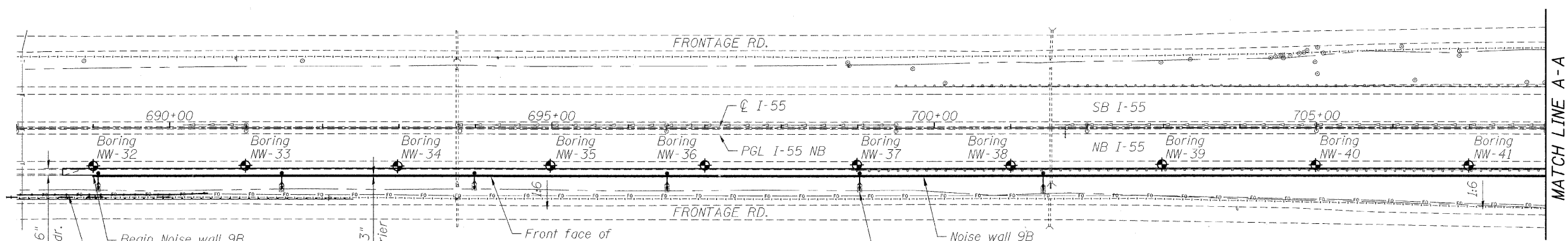
SHEET NO. 7	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	89
7 SHEETS	CONTRACT NO. 60B04				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

Bench Mark: No. 3206  
 Cut on top SE wingwall of bridge over Mink Creek and 200' South of Renwick Rd. Elev. 606.27.  
 Existing Structure: None  
 Staging: See roadway MOT plans.  
 Salvage: None

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION



Notes:  
 See sheet 2 of 14 for match line A-A.  
 See sheet 3 of 14 for typical section.  
 See roadway plans for drainage invert elevation.



ELEVATION

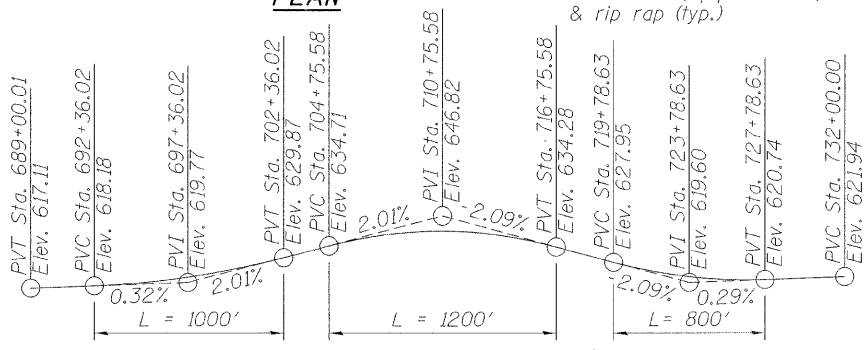
PLAN

LOCATION SKETCH

**LOADING**  
 Wind Load on noise wall = 35 psf

**DESIGN SPECIFICATIONS**  
 AASHTO 2002 Standard Specifications for Highway Bridges  
 AASHTO 1989 Guide Specifications for Structural Design of Sound Barriers and 1992 & 2002 Interims

**DESIGN STRESSES**  
 FIELD UNITS  
 $f_c = 3,500$  psi  
 $f_y = 60,000$  psi (reinforcement)  
 $f_y = 50,000$  psi (M270 Grade 50)



EXISTING PROFILE GRADE  
 (Along NB I-55 Proposed edge of shoulder)  
 See roadway plan & profile plans for existing elevation

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI



**APPROVED**  
 FOR STRUCTURAL ADEQUACY ONLY  
 Ralph E. Andersen (P.E.)  
 ENGINEER OF BRIDGES AND STRUCTURES

Signed *Jamal Grainawi*  
 Jamal I. Grainawi, S.E. IL Lic. No. 081-005161  
 Expires 11-30-2010  
 Date 6/12/2009

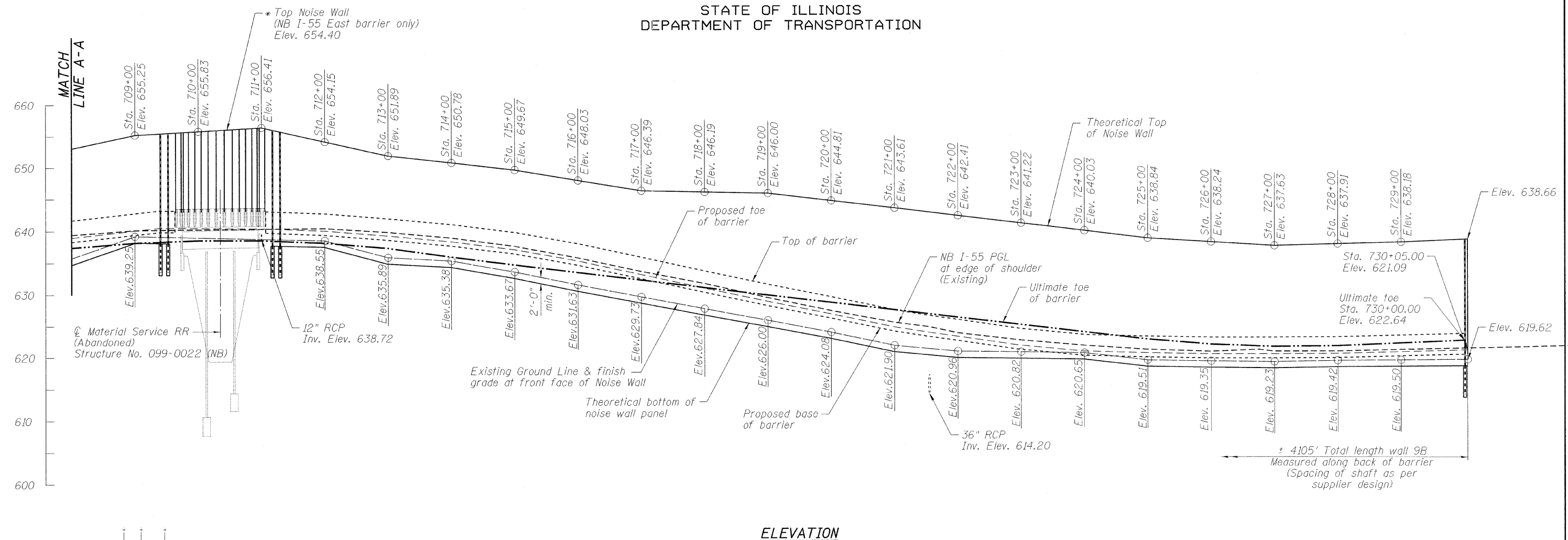
**GENERAL PLAN & ELEVATION**  
 F.A.I. RT. I-55 SEC. 99 (1&2) I-12  
 WILL COUNTY  
 STA. 689+00.00 TO 730+05.00  
 STRUCTURE NO. 099-W025

SHEET NO. 1 14 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	90
CONTRACT NO. 60B04					
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

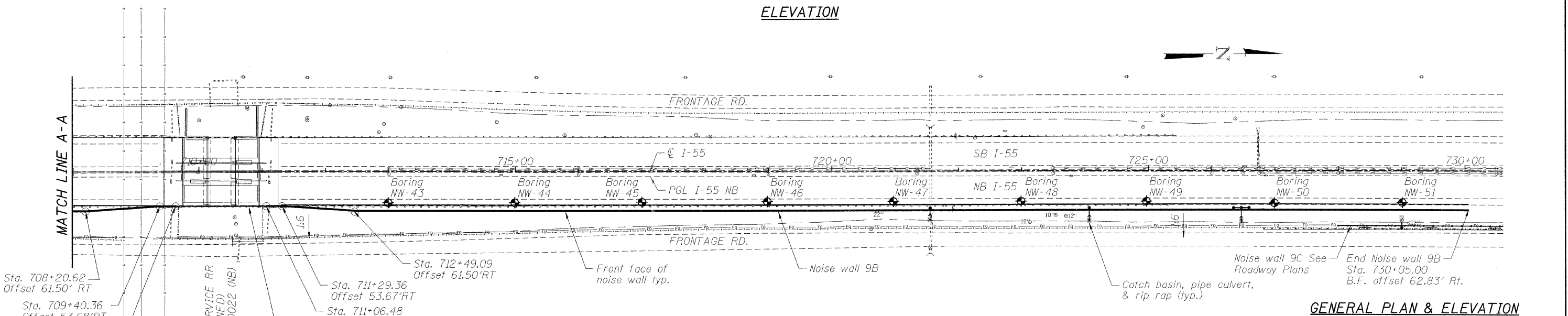


T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 9B\099W025-60B04-001.dgn 12-JUN-2009 16:19

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

**GENERAL PLAN & ELEVATION**  
**F.A.I. RTE. I-55 SEC. 99 (1&2) I-12**  
**WILL COUNTY**  
**STA. 689+00.00 TO 730+05.00**  
**STRUCTURE NO. 099-W025**

\* For barrier design drawings, see sheets 4-6 of 14. Contractor to field measure all anchor bolt locations and coordinate the fabrication of the barrier mounted posts accordingly.

Note:  
See sheet 3 of 14 for typical section.

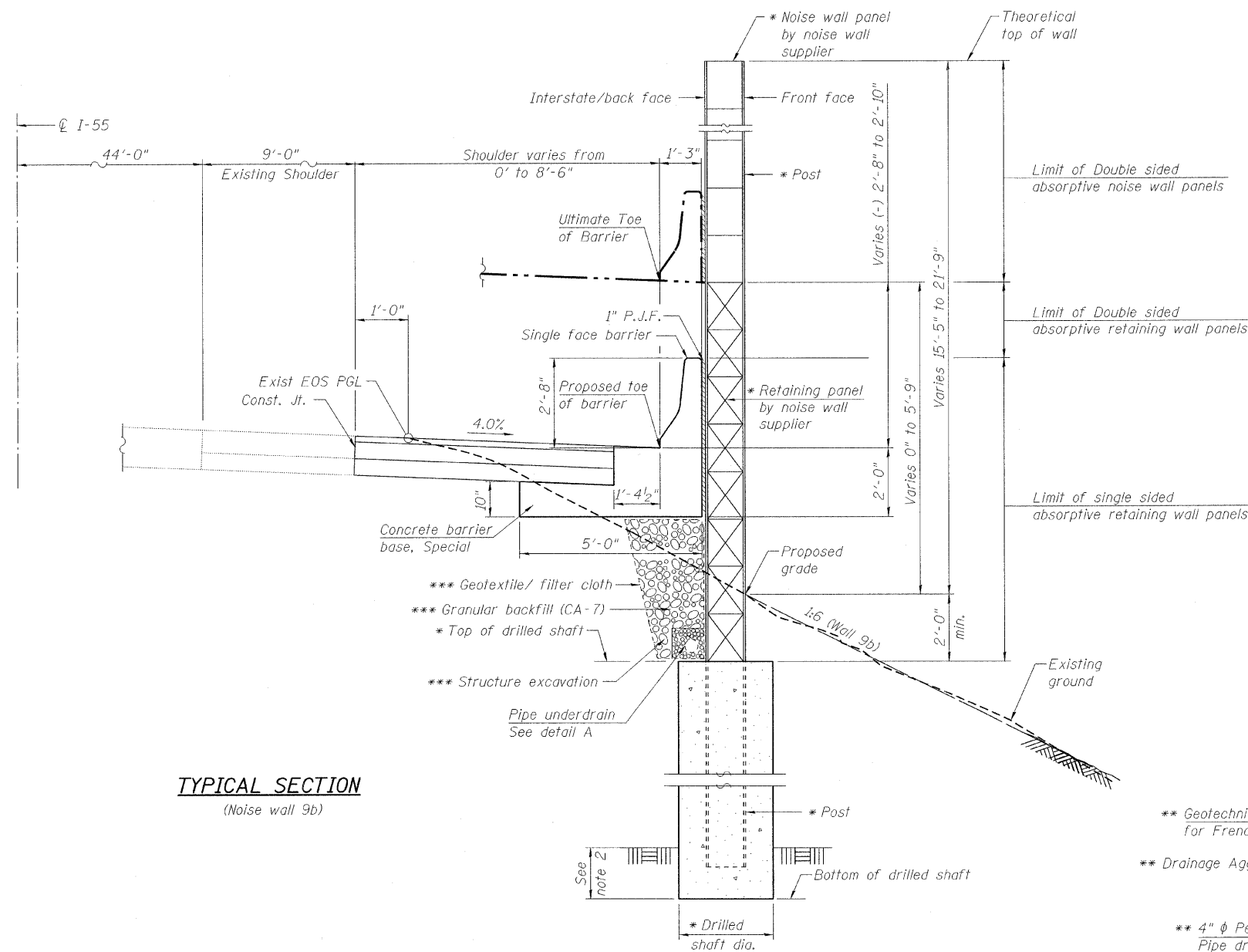


SHEET NO. 2 14 SHEETS	F.A.I. RTE. 55	SECTION 99 (1&2) I-12	COUNTY WILL	TOTAL SHEETS 147	SHEET NO. 91
	CONTRACT NO. 60B04			ILLINOIS FED. AID PROJECT	

T:\16817\Struct\Cadd\Pre-Final\Noise wall\Wall 9b\099\W025-60B04-002.dgn  
12-JUN-2009 16:29

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



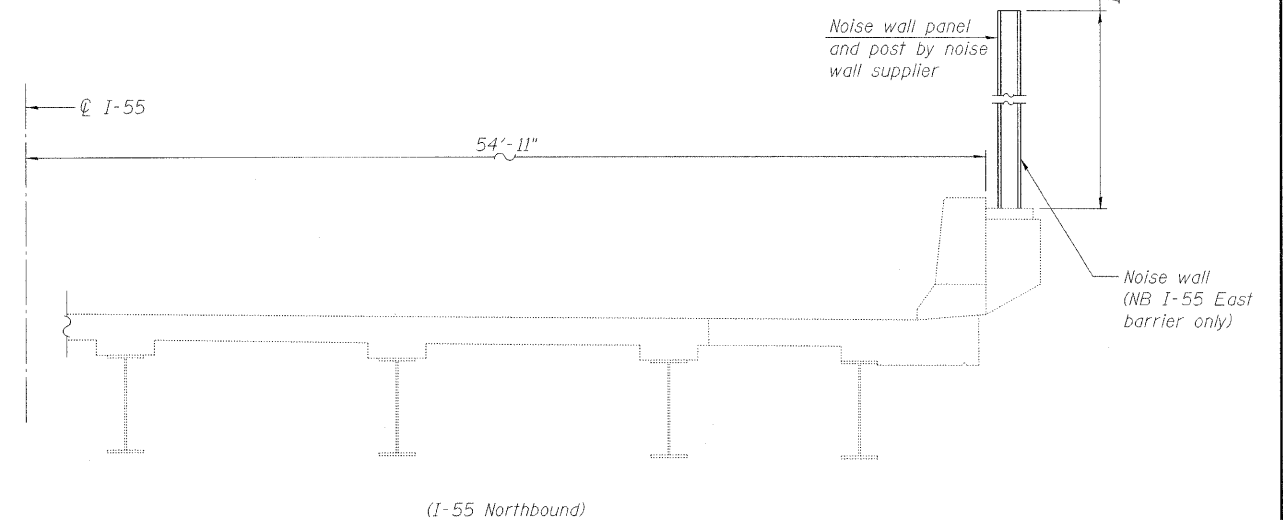
**TYPICAL SECTION**  
(Noise wall 9b)

- \* Type, size & spacing of post, noise wall panels, retaining wall panels, drilled shaft size and embedment length, reinforcement details and wall limits including top of wall and bottom of wall to be determined by noise wall supplier during construction.
- \*\* Included in the cost of "Pipe Underdrains for Structures".
- \*\*\* Cost of Structure excavation, Geotextile/filter cloth and Granular backfill will be included in the cost of "Noise Abatement Wall, Structure mounted". Refer to Standard Specifications Article 502 for Structure Excavation and Article 282 for Geotextile/filter cloth. Refer to the Special Provision for Porous Granular Embankment (Special) for Granular Backfill.

Notes:

1. The foundation, posts, and retaining wall panel shall be designed to accommodate the ultimate or maximum noise wall height and earth retention condition.
2. Based on the soil boring for wall 9B, rock may be encountered between stations 721+50 to 725+00 and 727+50 to 730+05. Rock excavation quantities for wall 9B have been calculated based on drilled shaft locations related to the maximum spacing of 12 feet and will be paid for under DRILLED SHAFT IN ROCK. Additional rock excavation will not be paid separately, but included in the cost of the contract.
3. See sheet 4-6 of 14 for Information related to existing bridge barrier and anchor bolts spacing.

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI



**TYPICAL SECTION**

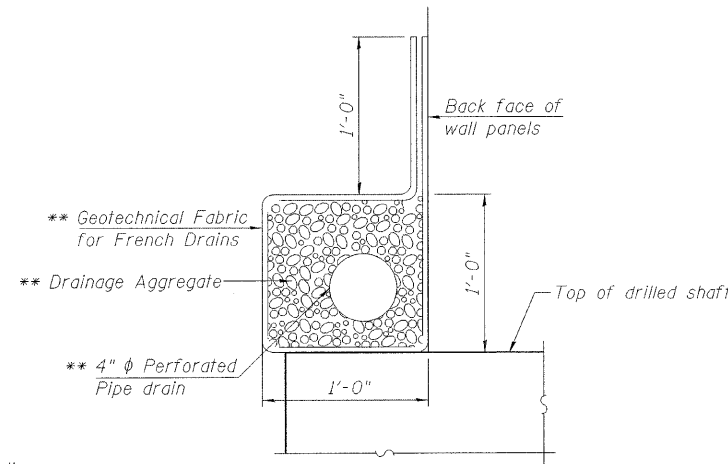
Noise wall over  
MATERIAL SERVICE RR  
(ABANDONED)  
STR. No. 099-0022 (NB)

**GENERAL NOTES**

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

**INDEX OF SHEETS**

- 1-2 General Plan and Elevation
- 3-7 General Data
- 7-14 Soil Boring Logs



**DETAIL A**

**BILL OF MATERIAL**

Item	Unit	Total
Noise Abatement wall, Structure mounted	Sq. Ft.	77,880
Pipe Underdrains for Structures 4"	Foot	3,962
Drilled Shaft in Rock	Cu. Yd.	31

**GENERAL DATA**  
**STRUCTURE NO. 099-W025**

SHEET NO. 3 14 SHEETS	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	92
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60B04		



T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 9b\099W025-60B04-003.dgn 12-JUN-2009 16:29

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

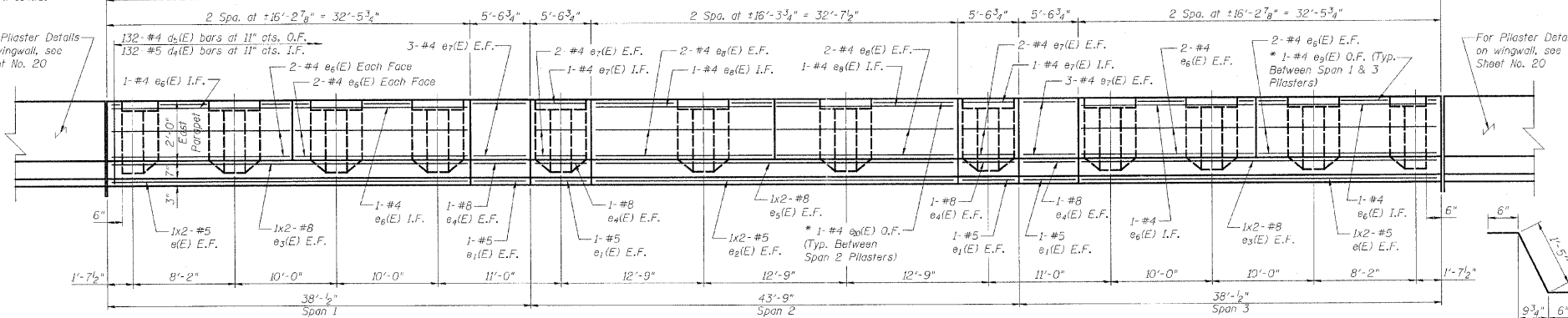
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	NO.	SHEET NO. 10
FAI-55	##	WILL	505	351	32 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			
** SECTION 2006-032 BY CONTRACT NO. 60B85					

Note:

\*  $e_3(E)$  &  $e_4(E)$  bars shall be cut in field to clear  $\frac{1}{2}$ " Preformed Self Expanding Cork Joints.

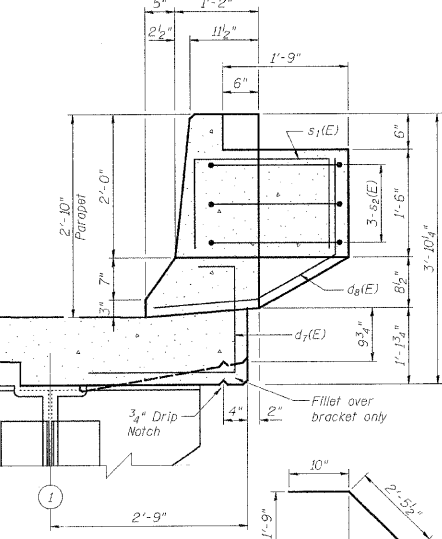
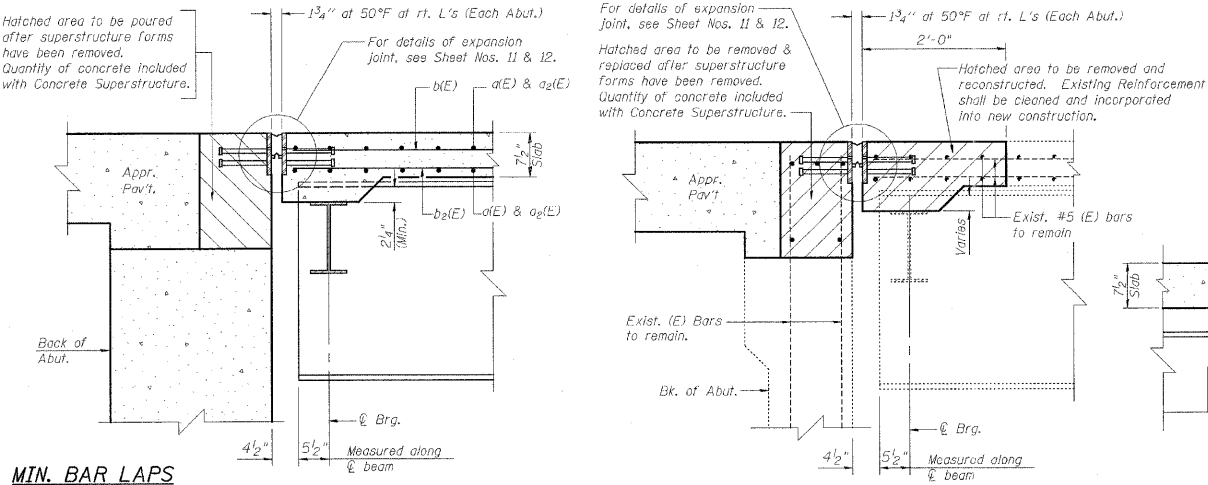
For Plaster Details on wingwall, see Sheet No. 20



**BILL OF MATERIAL  
NB & SB SUPERSTRUCTURE**

Bar	No.	Size	Length	Shape
$a_1(E)$	676	#6	21'-1"	
$a_2(E)$	288	#6	4'-0"	
$a_3(E)$	338	#5	6'-2"	
$a_4(E)$	36	#5	1'-6"	
$b_1(E)$	216	#5	31'-7"	
$b_2(E)$	96	#6	14'-0"	
$b_3(E)$	226	#5	25'-9"	
$c_1(E)$	264	#5	3'-8"	
$c_2(E)$	264	#4	3'-8"	
$c_3(E)$	402	#5	2'-5"	
$c_4(E)$	264	#4	3'-11"	
$d_1(E)$	138	#5	3'-0"	
$d_2(E)$	138	#4	3'-0"	
$d_3(E)$	114	#4	3'-9"	
$d_4(E)$	24	#4	4'-0"	
$d_5(E)$	36	#5	4'-0"	
$d_6(E)$	24	#5	17'-4"	
$e_1(E)$	24	#5	5'-4"	
$e_2(E)$	12	#5	17'-5"	
$e_3(E)$	24	#8	18'-6"	
$e_4(E)$	24	#8	5'-4"	
$e_5(E)$	12	#8	18'-7"	
$e_6(E)$	84	#4	16'-0"	
$e_7(E)$	86	#4	5'-4"	
$e_8(E)$	42	#4	16'-1"	
$f_1(E)$	6	#4	5'-0"	
$f_2(E)$	3	#4	7'-9"	
$g_1(E)$	60	#4	2'-7"	
$g_2(E)$	36	#5	4'-4"	
$g_3(E)$	30	#5	8'-10"	
$g_4(E)$	6	#5	1'-11"	
Reinforcement Bars, Epoxy Coated		Pound	50,300	
Concrete Superstructure		Cu. Yds.	214.0	
Bridge Deck Grooving		Sq. Yds.	579	
Protective Coat *		Sq. Yds.	1,631	
Floor Drains		Each	10	
Preformed Joint Seal, 2 1/2"		Foot	120	
Conduit Embedded in Structure, 2" Dia., Galvanized Steel		Foot	240	

**INSIDE ELEVATION OF NB EAST PARAPET**



**MTN. BAR LAPS**

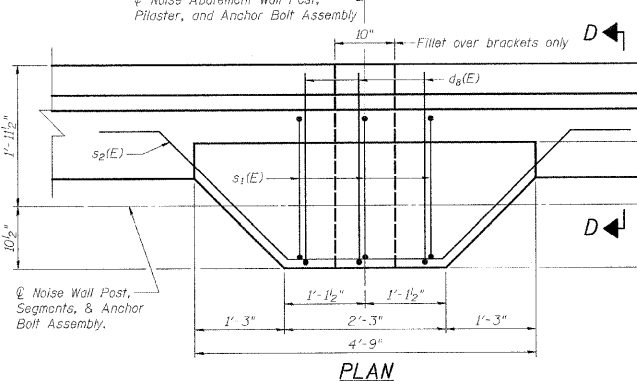
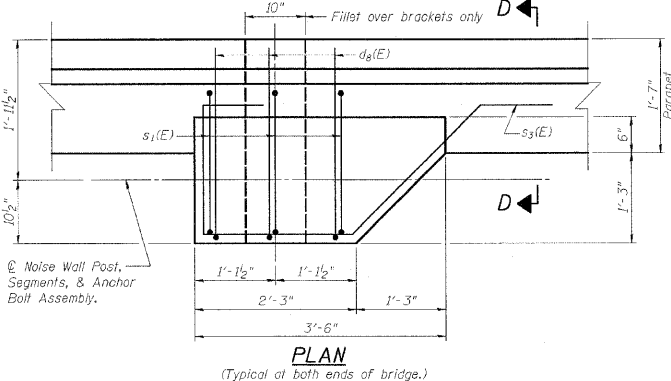
#4	1'-8"
#5	2'-2"
#8	4'-6"

Notes:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Bars indicated thus 1 x 2-#5 etc. indicates 1 line of bars with 2 lengths per line.
3. Cut longitudinal reinforcement to clear Drainage Scuppers & Floor Drains.
4. Work this sheet with Sheet Nos. 7, 8, & 9.

DESIGNED	S.CHELBIAN
CHECKED	J.GRAINAWI
DRAWN	S.CHELBIAN
CHECKED	J.GRAINAWI

Date: 6/30/2006



**BAR  $d_2(E)$**

**BAR  $d_3(E)$  &  $d_7(E)$**

**BARS  $d_1(E)$ ,  $d_4(E)$ , &  $d_5(E)$**

**BAR  $s_2(E)$**

**BAR  $s_1(E)$**

**BAR  $s_3(E)$**

**BAR  $s_3(E)$**

**BAR  $d_8(E)$**

**BAR  $d_6(E)$**

**SUPERSTRUCTURE DETAILS II  
I-55 OVER MS (ABANDONED) R.R.  
FAI ROUTE 55-SEC. 2006-032 BY  
WILL COUNTY  
STA. 710+34.86  
STRUCTURE NO. 099-0022 (NB)  
STRUCTURE NO. 099-0023 (SB)**



**NB BRIDGE BARRIER DETAILS  
STRUCTURE NO. 099-W025**

DESIGNED	P.LOPEZ
CHECKED	J.GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J.GRAINAWI

**FOR INFORMATION ONLY**



SHEET NO. 4	F.A.I. RTE. 55	SECTION 99 (1&2) I-12	COUNTY WILL	TOTAL SHEETS 147	SHEET NO. 92a
14 SHEETS			CONTRACT NO. 60B04		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

T:\16617A Struct\Cadd\Pre-Final\Noise wall\Wall 99-099\W025-60B04-004.dgn  
05-FEB-2009 19:03

6/30/2006 4:18:25 PM G:\16617A\Struct\Cadd\Pre-Final\MS RRF\Final Bridge Contract\2006-032\60B04-004.dgn

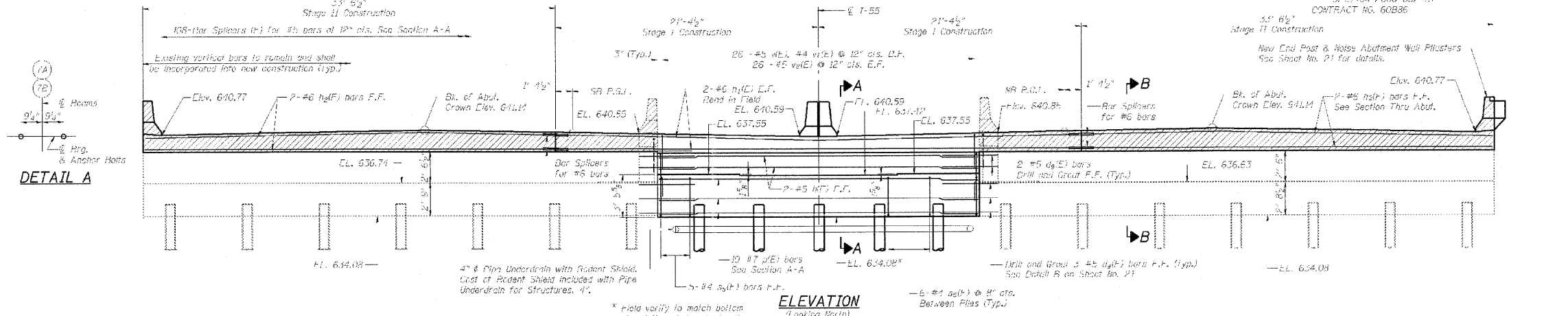


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

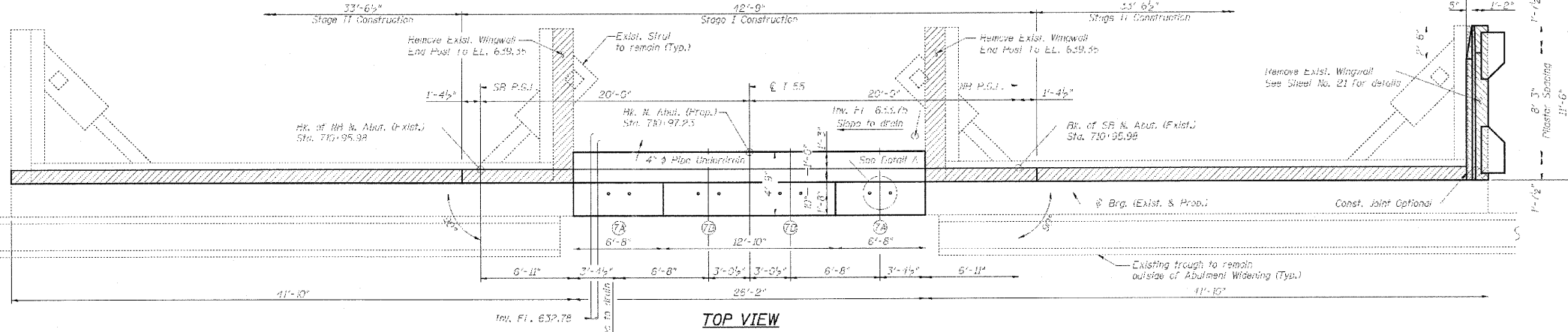
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5
FAI 55	XX	WILL	505	361
SHEET NO. 20				
32 SHEETS				

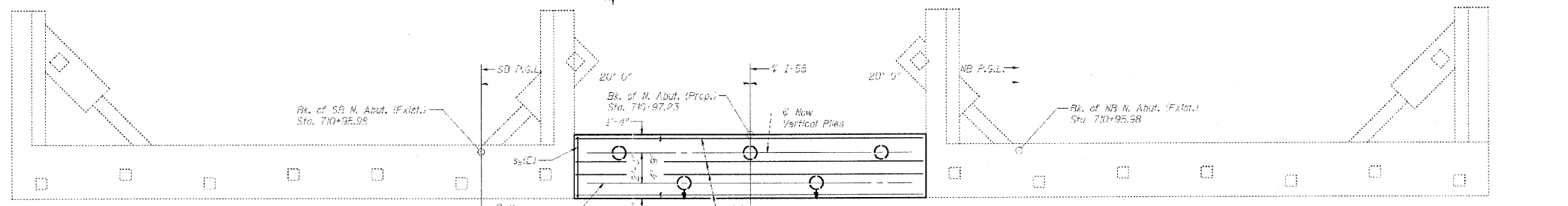
\*\* SECTION 2006 OSP BY  
CONTRACT NO. 60B04



ELEVATION  
(Looking North)



TOP VIEW



PLAN-PILE CAP

**LEGEND:**  
 Existing Pile  
 New Vertical Pile  
 New Hatched Pile  
 Concrete Repair  
 F.F. Face First  
 B.F. Back First  
 R.F. Back First

DESIGNED	P. PLOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI

**PILE DATA**  
 Type: 12" x Metal Shell Concrete Piles with 1/2" Thick Walls  
 Capacity: 55 Tons  
 Est. Length: 36'  
 No. Required: 4-1 Tent Pile

- Notes:
- See Sheet No. 21 for Sections A, A & B, B.
  - All elevations given at back of abutment unless otherwise noted.
  - For Details of bar splices, See Sheet No. 26.

NORTH ABUTMENT WIDENING  
 I-55 OVER MS (ABANDONED) R.R.  
 FAI ROUTE 55-SEC. 2006-032 BY  
 WILL COUNTY  
 STA. 710+34.86  
 STRUCTURE NO. 099-0022 (NB)  
 STRUCTURE NO. 099-0023 (SB)



T:\16817A\StructCadd\Pre-Final\Noise wall\Wall 9b\099\W025-60B04-006.dgn  
 05-FEB-2009 16:47

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI

**FOR INFORMATION ONLY**



SHEET NO. 6	F.A.I. RTE. 55	SECTION 99 (1&2) I-12	COUNTY WILL	TOTAL SHEETS 147	SHEET NO. 92c
14 SHEETS	CONTRACT NO. 60B04		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

NB BRIDGE BARRIER DETAILS  
 STRUCTURE NO. 099-W025



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**WORK POINTS & ELEVATION**

Station	Offset Right	Theoretical Top/wall	Theoretical Bottom/wall	Proposed Grade Elev.	Ultimate Barrier Toe/Elev.	Proposed Barrier Toe/Elev.
689+00.00	61.50	632.54	614.07	616.07	617.50	616.87
689+50.00	61.50	632.56	614.23	616.23	617.69	617.03
690+00.00	61.50	632.57	614.38	616.38	617.87	617.18
690+50.00	61.50	632.59	614.57	616.57	618.06	617.42
691+00.00	61.50	632.60	614.60	616.60	618.25	617.65
691+50.00	61.50	632.70	614.64	616.64	618.43	617.72
692+00.00	61.50	632.79	614.69	616.69	618.62	617.79
692+50.00	61.50	632.89	614.77	616.77	618.81	617.96
693+00.00	61.50	632.99	614.85	616.85	618.99	618.14
693+50.00	61.50	633.18	615.00	617.00	619.18	618.39
694+00.00	61.50	633.36	615.15	617.15	619.36	618.65
694+50.00	61.50	633.55	615.37	617.37	619.55	619.05
695+00.00	61.50	633.74	615.59	617.59	619.74	619.44
695+50.00	61.50	634.12	616.02	618.02	619.97	619.83
696+00.00	61.50	634.50	616.45	618.45	620.20	620.21
696+50.00	61.50	634.88	616.86	618.86	620.60	620.71
697+00.00	61.50	635.26	617.26	619.26	621.00	621.21
697+50.00	61.50	635.85	617.70	619.70	621.57	621.77
698+00.00	61.50	636.43	618.13	620.13	622.14	622.33
698+50.00	61.50	637.02	618.64	620.64	622.87	623.07
699+00.00	61.50	637.60	619.15	621.15	623.60	623.82
699+50.00	61.50	638.38	619.72	621.72	624.38	624.54
700+00.00	61.50	639.16	620.29	622.29	625.16	625.26
700+50.00	61.50	639.94	621.17	623.17	625.94	626.12
701+00.00	61.50	640.72	622.05	624.05	626.72	626.98
701+50.00	61.50	641.50	622.83	624.83	627.50	627.91
702+00.00	61.50	642.28	623.61	625.61	628.28	628.84
702+50.00	61.50	643.06	624.55	626.55	629.06	629.85
703+00.00	61.50	643.84	625.50	627.50	629.84	630.85
703+50.00	61.50	644.69	626.54	628.54	630.62	631.87
704+00.00	61.50	645.54	627.58	629.58	631.40	632.88
704+50.00	61.50	646.38	628.40	630.40	632.18	633.81
705+00.00	61.50	647.23	629.23	631.23	632.96	634.74
705+50.00	61.50	648.15	630.29	632.29	633.74	635.73
706+00.00	61.50	649.06	631.34	633.34	634.52	636.72
706+50.00	61.50	649.98	632.12	634.12	635.28	637.45
707+00.00	61.50	650.89	632.89	634.89	636.03	638.17
707+50.00	61.50	651.98	633.33	635.33	636.62	638.66
708+00.00	61.50	653.07	633.78	635.78	637.20	639.15
708+20.62	61.50	653.52	634.49	636.49	637.40	639.35
708+50.00	59.55	654.16	635.51	637.51	637.69	639.62
709+00.00	56.22	655.25	637.25	639.25	638.18	640.08

**WORK POINTS & ELEVATION**

Station	Offset Right	Theoretical Top/wall	Theoretical Bottom/wall	Proposed Grade Elev.	Ultimate Barrier Toe/Elev.	Proposed Barrier Toe/Elev.
712+00.00	58.00	654.15	636.55	638.55	638.07	640.26
712+50.00	61.50	653.02	635.22	637.22	637.60	639.90
713+00.00	61.50	651.89	633.89	635.89	637.13	639.54
713+50.00	61.50	651.34	633.64	635.64	636.55	639.11
714+00.00	61.50	650.78	633.38	635.38	635.98	638.67
714+50.00	61.50	650.23	632.52	634.52	635.38	638.04
715+00.00	61.50	649.67	631.67	633.67	634.78	637.41
715+50.00	61.50	648.85	630.65	632.65	634.19	636.50
716+00.00	61.50	648.03	629.63	631.63	633.59	635.59
716+50.00	61.50	647.21	628.68	630.68	632.99	634.52
717+00.00	61.50	646.39	627.73	629.73	632.39	633.45
717+50.00	61.50	646.29	626.79	628.79	631.80	632.39
718+00.00	61.50	646.19	625.84	627.84	631.20	631.33
718+50.00	61.50	646.10	624.92	626.92	630.60	630.31
719+00.00	61.50	646.00	624.00	626.00	630.00	629.28
719+50.00	61.50	645.40	623.04	625.04	629.40	628.25
720+00.00	61.50	644.81	622.08	624.08	628.81	627.21
720+50.00	61.50	644.21	620.99	622.99	628.21	626.27
721+00.00	61.50	643.61	619.90	621.90	627.61	625.33
721+50.00	61.50	643.01	619.43	621.43	627.01	624.47
722+00.00	61.50	642.41	618.96	620.96	626.41	623.61
722+50.00	61.50	641.82	618.89	620.89	625.82	623.01
723+00.00	61.50	641.22	618.82	620.82	625.22	622.42
723+50.00	61.50	640.63	618.74	620.74	624.62	621.98
724+00.00	61.50	640.03	618.65	620.65	624.02	621.55
724+50.00	61.50	639.44	618.08	620.08	623.43	621.25
725+00.00	61.50	638.84	617.51	619.51	622.84	620.95
725+50.00	61.50	638.54	617.43	619.43	622.42	620.75
726+00.00	61.50	638.24	617.35	619.35	622.00	620.54
726+50.00	61.50	637.93	617.29	619.29	621.82	620.55
727+00.00	61.50	637.63	617.23	619.23	621.63	620.56
727+50.00	61.50	637.77	617.32	619.32	621.34	620.57
728+00.00	61.50	637.91	617.42	619.42	621.06	620.58
728+50.00	61.50	638.04	617.46	619.46	621.62	620.71
729+00.00	61.50	638.18	617.50	619.50	622.18	620.85
729+50.00	61.50	638.41	617.55	619.55	622.41	620.96
730+00.00	61.50	638.64	617.61	619.61	622.64	621.07
730+05.00	61.50	638.66	617.62	619.62	622.66	621.09

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 9b\099\W025-60B04-007.dgn  
06-FEB-2009 18:47

DESIGNED	P. LOPEZ
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	J. GRAINAWI

**GENERAL DATA**  
**STRUCTURE NO. 099-W025**

SHEET NO. 7	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	93
14 SHEETS	FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
			CONTRACT NO. 60B04		



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-32			
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	689+00	LOCATION:	Noise Wall No.9B			
OFFSET:	49.8'	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers	SURF ELEV.:	617.3			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	616.0	6" Bituminous Concrete		Auger			
			8" Sand A-1-a		2			
	1.3-2.8	614.3	FILL: Br Sand A-3, trace Gravel	10	5-8			7
					11			
	3.5-5.0		FILL: Black to Gr Clay A-7-6, trace Organic matter noted	12	10-9	3.1	15	26
					3			
	6.0-7.5	609.3		11	3-4	1.5	15	18
					2			
	8.5-10.0	606.8	Stiff Br Silty Clay A-6, trace Gravel	8	2-1	(1.0)		19
					3			
	11.0-12.5		Medium Dense Br Loam A-4	6	5-7			12
					4			
	13.5-15.0	603.3		9	5-3	(2.0)		17
					4			
	18.5-20.0		Loose to Medium Dense Br to Gr Sand A-3, trace Gravel	10	5-8			13
					3			
	23.5-25.0	593.3	Very Stiff Gr Silty Loam A-4	14	5-10	2.3	15	13
					5			
	26.5-30.0	590.3	Very Soft Gr Clay A-6	13	5-7	(0.5)		20
					45			
	33.5-35.0	582.3	Dense Gr Sand A-3	4	24-22			19
Boring terminated @ 35'								
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	11 FT. ELEV.	606.3	DURING DRILLING	✓	CORE SIZE	IN.	DATE	Oct 22, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-33			
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	690+99	LOCATION:	Noise Wall No.9B			
OFFSET:	49.5'	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers	SURF ELEV.:	618.0			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0		10" Bituminous Concrete		Auger			
			8" Sand A-1-a		5			
	1.5-3.0	616.5	FILL: Br Loam A-4, trace Gravel	12	7-9	1.6	15	8
					3			
	3.5-5.0	614.0	FILL: Black Silty Clay A-7-6, trace Organic matter noted	14	4-7	1.8	14	28
					5			
	6.0-7.5	611.0		12	8-9			7
					3			
	8.5-10.0		Medium Dense Br Sand A-3, trace Gravel	10	4-7			10
					5			
	11.0-12.5	607.0		13	7-9			11
					5			
	13.5-15.0			8	7-7			20
					6			
	18.5-20.0		Medium Dense to Dense Sand A-1-b	10	7-8			19
					16			
	23.5-25.0			11	22-27			19
					6			
	26.5-30.0	588.5	Stiff Gr Clay Loam A-4, trace Sand	8	9-6	(1.0)		12
					5			
	33.5-35.0	583.0		14	3-5	1.6	15	12
Boring Terminated @ 35'								
REMARKS: Automatic Hammer Used. * Water introduced into borehole below 15' due to blowing ( ) Denotes Calibrated Penetrometer Estimate								
WATER	9 FT. ELEV.	609.0	DURING DRILLING	✓	CORE SIZE	IN.	DATE	Oct 22, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-34			
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	692+98	LOCATION:	Noise Wall No.9B			
OFFSET:	50.3'	BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers	SURF ELEV.:	618.6			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	617.3	6" Bituminous Concrete		Auger			
			7" Sand A-1-a		5			
	1.3-2.8		FILL: Br Silty Loam A-4, trace Gravel	14	9-10	(2.0)		9
					3			
	3.5-5.0	614.6	FILL: Gr Silty Clay A-6	15	4-4	2.2	15	19
					2			
	6.0-7.5	612.1		18	4-4	2.6	15	25
			FILL: Black Silty Clay A-7-6, trace Organic matter noted		2			
	8.0-7.5	609.6		13	2-5	1.6	15	20
			Stiff Gr Clay A-6		2			
	8.5-10.0	607.6		10	5-7			11
			Medium Dense Br Sand A-1-b		2			
	11.0-12.5			13	4-7	4.5	15	14
			Hard Gr Clay Loam A-6		4			
	13.5-15.0	600.6		12	7-16			20
			Medium Dense Br Sand A-3		4			
	18.5-20.0	596.6		15	7-9	3.5	15	15
					4			
	23.5-25.0		Very Stiff to Stiff Gr Silty Clay A-6	13	7-9	1.6	15	18
					7			
	28.5-30.0			11	5-7	(1.0)		20
					7			
	33.5-35.0	583.6		11	5-7	(1.0)		20
Boring Terminated @ 35'								
REMARKS: Automatic Hammer Used. * Water introduced into borehole below 20' due to blowing ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	✓	CORE SIZE	IN.	DATE	Oct 22, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

SOIL BORING LOGS  
STRUCTURE NO. 099-W025

SHEET NO. 8	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14 SHEETS	55	99 (1&2) I-12	WILL	147	94
CONTRACT NO. 60B04			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		



T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 9b\099W025-60B04-008.dgn  
05-FEB-2008 18:47

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-35</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>694+98</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>49.2'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>619.9</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.3	618.6	6" Bituminous Concrete 4" Sand A-1-a		Auger 4			
	1.3-2.8	616.4	FILL: Hard Br Clay Loam A-4	15	4-5			13
	3.5-5.0	613.4	FILL: Black Silty Clay A-7-6, trace Organic matter noted	15	4-5	3.7	15	24
	6.0-7.5	610.9	Very Stiff Br Silty Clay A-7-6	14	3-3	2.0	15	25
10	8.5-10.0	606.9	Medium Dense Br Sand A-3, trace Gravel	10	9-9			9
	11.0-12.5	606.9		10	9-9			11
	13.5-15.0	602.4	Very Stiff Gr Clay A-6	13	3-3	2.4	15	16
20	18.5-20.0	598.4	Medium Dense Gr Sand A-1-b	12	9-12			14
	23.5-25.0	592.9	Stiff Gr Clay Loam A-6	14	4-4	(1.8)		13
30	28.5-30.0	587.9	Very Stiff Gr Clay Loam A-6	7	13-14	2.4	15	14
	33.5-35.0	584.9	Stiff Gr Clay A-6, trace Sand and Gravel	16	5-7			24
Boring Terminated @ 35'								
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	11 FT. ELEV.	608.9	DURING DRILLING	☒	CORE SIZE	IN.	DATE:	Oct 23, 08
WATER	FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-36</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>697+00</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>49.4'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>621.7</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	620.7	8" Bituminous Concrete 4" Sand A-1-a		Auger 6			
	1.0-2.5	618.2	FILL: Br Silty Loam A-4, trace Gravel	11	5-5			13
	3.5-5.0	613.7	FILL: Black Silty Clay A-7-6, trace Organic matter noted	13	2-4	1.4	15	20
	6.0-7.5	613.7		15	4-5	4.5	15	19
10	8.5-10.0	607.7	Very Stiff to Hard Br Silty Clay A-6	10	2-3	2.0	13	24
	11.0-12.5	607.7		13	6-6	5.7	15	17
	13.5-15.0	604.7	Very Stiff Gr Clay Loam A-6	14	4-7	3.9	15	14
20	18.5-20.0	598.7	Medium Dense Br Sand A-1-b	10	8-11			10
	23.5-25.0	592.7	Medium Dense Br Sand A-1-b	7	8-11			15
30	28.5-30.0	587.7		6	8-11			12
	33.5-35.0	586.7		10	10-12			16
Boring terminated @ 35'								
REMARKS: Automatic Hammer Used. * Water introduced into borehole below 20' due to blowing ( ) Denotes Calibrated Penetrometer Estimate								
WATER	11 FT. ELEV.	610.7	DURING DRILLING	☒	CORE SIZE	IN.	DATE:	Oct 23, 08
WATER	FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-37</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>698+99</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.2'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>624.2</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	622.7	8" Bituminous Concrete 8" Sand A-1-a		Auger 4			
	1.5-3.0	621.2	FILL: Br Loam A-2-4	10	4-5			8
	3.5-5.0	618.2	FILL: Gr Clay A-6	11	3-4	(1.5)		17
	6.0-7.5	613.2	FILL: Gr to Br Clay Loam A-4	15	5-5	(1.5)		13
10	8.5-10.0	611.2		16	4-5	0.7	15	12
	11.0-12.5	611.2	FILL: Gr Silty Clay A-7-6	14	4-2	2.9	15	27
	13.5-15.0	607.2	Soft Sandy Clay A-6	14	2-4	0.4	15	24
20	18.5-20.0	602.2	Stiff Gr Clay A-6	17	3-6	1.1	15	17
	23.5-25.0	598.2	Medium Dense Sand A-3	15	2-11			18
30	28.5-30.0	592.7	Very Stiff Gr Clay Loam A-4	16	4-6	2.4	15	12
	33.5-35.0	589.2	Stiff Gr Clay A-6	15	5-7	(1.5)		22
Boring terminated @ 35'								
REMARKS: Automatic Hammer Used. * Water introduced into borehole below 18' due to blowing ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	☒	CORE SIZE	IN.	DATE:	Oct 23, 08
WATER	FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-



SHEET NO. 9	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14 SHEETS	55	99 (1&2) I-12	WILL	147	95
CONTRACT NO. 60B04			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

SOIL BORING LOGS  
STRUCTURE NO. 099-W025

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 09-099\W025-60B04-009.dgn  
05-FEB-2009 18:47

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-38			
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	701+00	OFFSET:	49.3'			
LOCATION:	Noise Wall No.9B	SURF ELEV:	627.3					
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		625.8	9" Bituminous Concrete 9" Sand A-1-a		Auger			
1.5-3.0			FILL: Br Sand A-1-a	6	3	(1.5)		14
3.5-5.0		622.8	FILL: Black Silty Clay A-7-6	13	4		15	26
6.0-7.5		620.6	FILL: Hard Br Clay Loam A-4	11	6-10	4.5		12
8.5-10.0		619.3	FILL: Br Clay A-6	15	4		13	16
11.0-12.5		614.3	FILL: Gr Silty Clay A-7-6	16	5	(1.0)		17
13.5-15.0			FILL: Gr Silty Clay A-7-6	13	1		15	20
18.5-20.0		609.8	Very Loose Gr Silt A-4, trace Sand	10	3-4	2.7		
23.5-25.0		605.3	Stiff Gr Silty Clay A-6	15	1		15	22
28.5-30.0		600.3	Medium Dense Br Sand A-1-a	13	4			18
33.5-35.0		592.3	Boring terminated @ 35'		13	10-10		
					6			18
					6-15			
REMARKS			Automatic Hammer Used.			() Denotes Calibrated Penetrometer Estimate		
WATER	10.8 FT. ELEV.	616.5	DURING DRILLING	✓	CORE SIZE	IN. DATE:	Oct 23, 08	
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT. DRILLER:	Shlmon	
WATER	* FT. ELEV.		AFTER 1/4 HRS.	✓	CASING DIAMETER	IN. INSPECTOR:	Kuzel	

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-39			
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	702+98	OFFSET:	48.1'			
LOCATION:	Noise Wall No.9B	SURF ELEV:	631.2					
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		629.7	9" Bituminous Concrete 9" Sand A-1-a		Auger			
1.5-3.0			FILL: Black to Br Clay Loam A-6	11	4	(1.5)		13
3.5-5.0		626.7	FILL: Br Clay Loam A-4	10	3		0.8	15
6.0-7.5		624.7	FILL: Gr to Black Clay A-6	13	2-3			19
8.5-10.0		620.2	FILL: Br Sand A-1-a	8	3			14
11.0-12.5		618.2	FILL: Gr Silty Clay A-7-6	12	6		3.9	15
13.5-15.0			FILL: Black Silty Clay A-7-6, trace Organic matter noted	10	5			23
18.5-20.0		614.2	Medium Dense Br to Gr Sand A-1-a	11	7-10	2.0		15
23.5-25.0		604.2	Very Dense Gr Sand A-1-b	10	5			13
28.5-30.0		599.2	Very Stiff Gr Clay A-6	>1	8-14			
33.5-35.0		596.2	Boring terminated @ 35'		10		2.4	15
					10-9			21
REMARKS			Automatic Hammer Used.			() Denotes Calibrated Penetrometer Estimate		
WATER	13 FT. ELEV.	618.2	DURING DRILLING	✓	CORE SIZE	IN. DATE:	Oct 23, 08	
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT. DRILLER:	Shlmon	
WATER	* FT. ELEV.		AFTER 1/4 HRS.	✓	CASING DIAMETER	IN. INSPECTOR:	Kuzel	

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-40			
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	704+99	OFFSET:	48.9'			
LOCATION:	Noise Wall No.9B	SURF ELEV:	635.3					
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		633.8	9" Bituminous Concrete 9" Sand A-1-a		Auger			
1.5-3.0		632.3	FILL: Br Sandy Loam A-2-4	10	6			7
3.5-5.0		629.8	FILL: Br Silty Clay A-6	11	8-4			
6.0-7.5		626.3	FILL: Br Clay Loam A-4	9	3	0.8	15	25
8.5-10.0			FILL: Gr to Black Clay A-6	11	3-5			12
11.0-12.5		623.3	FILL: Sand A-1-a, trace Clay	10	4	(1.5)		17
13.5-15.0		621.3	FILL: Br Silty Clay A-7-6, trace Organic matter noted	12	3-9	2.0		15
18.5-20.0		613.3	Very Stiff Br Silty Clay A-6	16	2			14
23.5-25.0				12	4		1.8	15
28.5-30.0				15	5-7			23
33.5-35.0		600.3	Boring Terminated @ 35'	13	7			20
					8-12			
REMARKS			Automatic Hammer Used.			() Denotes Calibrated Penetrometer Estimate		
WATER	23 FT. ELEV.	612.3	DURING DRILLING	✓	CORE SIZE	IN. DATE:	Oct 24, 08	
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT. DRILLER:	Shlmon	
WATER	* FT. ELEV.		AFTER 1/4 HRS.	✓	CASING DIAMETER	IN. INSPECTOR:	Kuzel	

T:\16817A Struct\Cadd\Pre-Final\Noise wall\Wall 9B\099\W025-60B04-010.dgn  
05-FEB-2008 19:06

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-



SHEET NO. 10	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	96
14 SHEETS	CONTRACT NO. 60B04			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

SOIL BORING LOGS  
STRUCTURE NO. 099-W025

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-41</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>706+99</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>49.2'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>638.6</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		637.1	8" Bituminous Concrete		Auger			
1.0-2.5			8" Sand A-1-a	4	4			4
			FILL: Sand A-1-a		6			
3.5-5.0		634.1	FILL: Br Silty Clay A-7-6	8	6-8	(1.5)		25
		632.6			3			
8.0-7.5		630.6	FILL: Gr Loam A-4, trace Gravel	14	4-8	(1.5)		9
					6			
8.5-10.0		628.1	FILL: Br to Gr Silty Loam A-2-4	13	8-10			11
					8			
11.0-12.5		625.6	FILL: Black Clay Loam A-6	14	5-8	2.2	15	15
					3			
13.5-15.0		621.6	FILL: Black to Gr Silty Clay A-7-6, trace Organic matter noted	11	6-11	(2.0)		25
					4			
18.5-20.0		616.6	Stiff Gr Clay A-6, trace Gravel	12	5-17	1.4	15	17
					7			
23.5-25.0				15	11-13			6
					13			
28.5-30.0			Medium Dense to Dense Br Sand A-1-a	14	18-15			6
					5			
33.5-35.0		603.6		15	7-10			9
Boring terminated @ 35'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	☑	CORE SIZE	IN.	DATE:	Oct 24, 08
WATER	FT. ELEV.		AT COMPLETION	☑	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	☑	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-43</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>712+99</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>49.6'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>639.9</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		638.6	8" Bituminous Concrete		Auger			
			8" Sand A-1-a		12			
1.3-2.8			FILL: Gr to Black Sand A-1-a	8	8-3			3
					1			
3.5-5.0		635.4	FILL: Black to Gr Silty Clay A-7-6	9	3-4	(1.0)		24
					3			
8.0-7.5		631.4	FILL: Br Sandy Loam A-4, trace Gravel	11	4-7	2.7	15	20
					12			
8.5-10.0		627.8	FILL: Br Sand A-1-a	13	14-15			9
					5			
11.0-12.5		624.8	FILL: Br Silty Clay A-6, little Sand	12	15-16			7
					4			
13.5-15.0		620.8	FILL: Br Sand A-3, trace Gravel	14	7-11			13
					4			
18.5-20.0		617.9	FILL: Black to Gr Silty Clay A-7-6, trace Organic matter noted	16	5-8	1.8	15	20
					3			
23.5-25.0		612.4	Very Stiff Br Silty Clay A-7-6	13	5-9	3.4	15	28
					4			
28.5-30.0			Medium Dense Br Sand A-1-a	10	10-11			8
					4			
33.5-35.0		604.9		11	6-8			19
Boring terminated @ 35'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	☑	CORE SIZE	IN.	DATE:	Oct 24, 08
WATER	FT. ELEV.		AT COMPLETION	☑	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	☑	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-44</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>814+99</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>49.4'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>637.8</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		636.4	8" Bituminous Concrete		Auger			
			8" Sand A-1-a		5			
1.3-2.8		634.8	FILL: Br Sand A-1-a	6	4-4			18
					2			
3.5-5.0		631.8	FILL: Br to Gr Silty Clay A-7-6	12	3-4	1.0	15	29
					7			
8.0-7.5		627.8	FILL: Br Sandy Loam A-4, trace Gravel	13	9-18	(1.0)		9
					9			
8.5-10.0		624.8	FILL: Br Silty Clay A-6, little Sand	11	11-8	(1.5)		12
					3			
11.0-12.5		620.8	FILL: Br Sand A-3, trace Gravel	10	8-12	(1.4)		18
					12			
13.5-15.0		614.8	FILL: Br Sand A-3, trace Gravel	13	22-37			10
					4			
18.5-20.0		610.8	FILL: Dk Br Silty Clay A-7-6, trace Organic matter noted	10	6-19	3.9	15	31
					12			
23.5-25.0		606.8		12	24-26			4
					9			
28.5-30.0		602.8	Dense to Medium Dense Br Sand A-1-a	11	11-8			13
					16			
33.5-35.0		600.8		15	13-12			13
Boring terminated @ 35'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	Dry FT. ELEV.	0.0	DURING DRILLING	☑	CORE SIZE	IN.	DATE:	Oct 24, 08
WATER	FT. ELEV.		AT COMPLETION	☑	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	☑	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

SHEET TITLE  
STRUCTURE NO. 099-W025



SHEET NO. 11	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	97
14 SHEETS	CONTRACT NO. 60B04				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 9b\099W025-60B04-011.dgn  
05-FEB-2009 18:48

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-45</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>717+00</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.8'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>633.9</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		632.5	9" Bituminous Concrete 8" Sand A-1-a		Auger 7			
1.0-2.5		630.4	FILL: Br Sand A-1-a	11	8.8			11
3.5-5.0		628.4	FILL: Gr Silty Clay A-6	14	2.3	0.9	15	28
8.0-7.5				15	11 19-20			9
8.5-10.0			FILL: Br Sand A-1-a	13	6 7-9	(2.0)		14
11.0-12.5				16	11 24-15	(1.0)		8
13.5-15.0		617.4		<1	13 13-15			11
18.5-20.0		611.9	Possible FILL: Reddish Br Silt A-4, some Clay	12	3 4-18	(2.5)		28
23.5-25.0		606.9	Hard Gr Clay A-7-6	15	5 12-15	0.1	15	24
28.5-30.0			Dense to Very Dense Gr Dolomite Fragments	8	21 17-26			7
33.5-33.6		600.3		<1	50/1"			8
Boring terminated @ 33.6'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER Dry FT. ELEV. 0.0 DURING DRILLING ☒ CORE SIZE IN. DATE: Oct 24, 08								
WATER FT. ELEV. AT COMPLETION ▼ CASING LENGTH FT. DRILLER: Shlmon								
WATER Dry FT. ELEV. 0.0 AFTER 1/4 HRS. ☒ CASING DIAMETER IN. INSPECTOR: Kuzel								

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-46</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>718+98</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.0'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>629.8</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		628.3	9" Bituminous Concrete 8" Sand A-1-a		Auger 4			
1.0-2.5		626.8	FILL: Br Sand A-1-a, Clay lumps noted	10	4-5			15
3.5-5.0		624.3	FILL: Black to Br Clay A-7-6	8	6 3-3			26
8.0-7.5				14	5 6-17	1.2	15	13
8.5-10.0		619.3	FILL: Black to Br Clay Loam A-4	10	6 7-15	(1.5)		11
11.0-12.5				13	3 6-7	1.6	15	24
13.5-15.0		612.8	FILL: Black Silty Clay A-7-6, trace Organic matter noted	15	3 5-6	2.8	15	22
18.5-20.0		607.8	Hard Br Clay A-6	14	5 11-9	6.3	15	17
23.5-25.0			Very Dense Br Sand A-1-a	13	8 17-34			10
26.5-28.6		601.2		<1	50/1"			-
Boring terminated @ 28.6'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER 10 FT. ELEV. 619.8 DURING DRILLING ☒ CORE SIZE IN. DATE: Oct 27, 08								
WATER FT. ELEV. AT COMPLETION ▼ CASING LENGTH FT. DRILLER: Shlmon								
WATER * FT. ELEV. AFTER 1/4 HRS. ☒ CASING DIAMETER IN. INSPECTOR: Kuzel								

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-47</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>720+97</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.2'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>625.7</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		624.4	9" Bituminous Concrete 8" Sand A-1-a		Auger 4			
1.0-2.5		622.7	FILL: Br Silty Loam A-4	14	4-3	(3.0)		16
3.5-5.0				11	3 7-8	2.7	15	17
8.0-7.5		617.7	FILL: Gr Clay A-6	12	4 8-8	2.1	15	15
8.5-10.0		614.7	FILL: Gr Sandy Clay A-4	13	9 23-17			15
11.0-12.5				10	3 4-5	2.4	15	31
13.5-15.0		609.7	FILL: Black Silty Clay A-7-6, trace Organic matter noted	14	3 4-6	(2.5)		17
18.5-20.0		603.2	Very Dense Br Sand A-1-a	13	8 20-30			12
23.5-25.0		598.7	Stiff Gr Sandy Clay A-4, trace Gravel	10	7 13-17	(1.0)		10
28.5-30.0			Very Stiff to Stiff Gr Silty Clay A-6	16	4 6-7	2.0	3	23
33.5-35.0		590.7		14	8 13-20	1.8	7	16
Boring terminated @ 35'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER 18 FT. ELEV. 607.7 DURING DRILLING ☒ CORE SIZE IN. DATE: Oct 27, 08								
WATER FT. ELEV. AT COMPLETION ▼ CASING LENGTH FT. DRILLER: Shlmon								
WATER * FT. ELEV. AFTER 1/4 HRS. ☒ CASING DIAMETER IN. INSPECTOR: Kuzel								

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 9b\099\W025-60B04-012.dgn  
05-FEB-2009 18:48

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-



SHEET NO. 12	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	98
14 SHEETS	CONTRACT NO. 60B04			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

SOIL BORING LOGS  
STRUCTURE NO. 099-W025

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG				CHICAGO, ILLINOIS			
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-48</b>							
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>722+99</b>							
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.3'</b>							
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>622.9</b>							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0	621.6	8" Bituminous Concrete		Auger				
			9" Sand A-1-a		3				
	1.3-2.8			10	5-30	2.0	15	16	
					3				
	3.5-5.0		FILL: Gr Silty Clay A-6, trace Sand and Gravel	6	5-9	(1.0)		18	
					3				
	6.0-7.5	614.9		8	4-8	(1.0)		18	
					3				
10	8.5-10.0		FILL: Black to Gr Silty Clay A-7-6, trace Organic matter noted	11	4-9	2.4	15	27	
					3				
	11.0-12.5	609.9		15	4-6	2.9	15	26	
					3				
	13.5-15.0		Medium Stiff Gr Sandy Clay A-4, trace Gravel	8	4-5	(0.8)		22	
		605.9							
	18.5-19.9	603.0	Very Dense Sand A-1-a, Dolomite fragments noted		4				
			Auger Refusal @ 19.9'		<1"	11-50/5"		7	
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate									
WATER 15 FT. ELEV. 607.9 DURING DRILLING		CORE SIZE		IN. DATE: Oct 27, 08					
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Shlimon					
WATER * FT. ELEV. AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Kuzel					

BLOOM COMPANIES, LLC.		BORING LOG				CHICAGO, ILLINOIS			
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-49</b>							
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>724+97</b>							
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.5'</b>							
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>621.4</b>							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0		9" Bituminous Concrete		Auger				
		619.9	9" Sand A-1-a		8				
	1.5-3.0		-Piece of Gravel @ tip of Spoon @ 3'	12	7-50/2"	(1.5)		11	
			FILL: Br to Gr Clay Loam A-4		7				
	3.5-5.0	615.9		8	4-3	(2.0)		15	
					3				
	6.0-7.5		FILL: Black Silty Clay A-7-6, trace Organic matter noted	15	7-8	2.9	15	22	
		613.4			4				
10	8.5-10.0		Medium Dense Br Sand A-1-a	10	10-6			7	
		610.4			3				
	11.0-12.5	608.4	Very Stiff Br Clay Loam A-6	11	4-10	2.0	15	15	
					4				
	13.5-15.0		Very Stiff Gr Silty Clay A-6	14	6-8	3.9	15	20	
		604.4							
	18.5-18.6	602.8	Very Dense Dolomite fragments noted	0	50/15"				
			Auger Refusal @ 18.6'						
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate									
WATER Dry FT. ELEV. 0.0 DURING DRILLING		CORE SIZE		IN. DATE: Oct 27, 08					
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Shlimon					
WATER Dry FT. ELEV. 0.0 AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Kuzel					

BLOOM COMPANIES, LLC.		BORING LOG				CHICAGO, ILLINOIS			
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-50</b>							
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>726+99</b>							
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>51.4'</b>							
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>620.9</b>							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %	
	0.0-1.0		12" Bituminous Concrete		Auger				
		619.1	9" Sand A-1-a		7				
	1.8-3.3	617.4	FILL: Br Sandy Loam A-2-4, little Gravel	8	9-7	(1.0)		10	
					3				
	3.5-5.0			11	2-6	4.9	15	23	
			FILL: Black Silty Clay A-7-6, trace Organic matter noted		3				
	6.0-7.5	612.9		9	2-3	(1.5)		25	
					8				
10	8.5-10.0		Soft Br Sandy Clay A-4, trace Gravel	6	12-9	(1.5)		7	
		609.9			3				
	11.0-12.5			10	4-5	(1.0)		14	
					2				
	13.5-15.0		Stiff Br Clay Loam A-4, trace Gravel	14	4-5			11	
		603.4							
20	18.5-20.0		Soft Gr Sandy Clay A-4	3	4	4.4		24	
		598.9							
	23.5-25.0			14	9	7-10	2.2	15	28
					8				
30	28.5-30.0		Very Stiff Gr Silty Clay A-7-6	13	11-10	3.1	15	23	
					11				
	33.5-35.0	585.9		10	14-25	2.4	8	24	
Boring terminated @ 35'									
REMARKS: Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate									
WATER 18 FT. ELEV. 602.9 DURING DRILLING		CORE SIZE		IN. DATE: Oct 27, 08					
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Shlimon					
WATER * FT. ELEV. AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Kuzel					

T:\16817A\StructCadd\Pre-Final\Noise wall\Wall 9b\099\W025-60B04-01.dgn 05-FEB-2009 18:09

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-



SHEET NO. 13	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	99
14 SHEETS			CONTRACT NO. 60B04		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

SOIL BORING LOGS  
STRUCTURE NO. 099-W025

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BMS-1148	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	NW-51			
PROJECT:	I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	STATION:	729+01	OFFSET:	50.4'			
LOCATION:	Noise Wall No. 9B	SURF ELEV:	621.3					
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	Q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	619.8	9" Bituminous Concrete 9" Sand A-1-a		Auger 7			
	1.5-3.0		Probable FILL: Br Silty Loam A-2-4, little Gravel	8	9-12	0.4	15	10
	3.5-5.0	615.8		12	2-4	0.8	15	13
	6.0-7.5	613.3	Probable FILL: Gr Silty Clay A-7-6, trace Organic matter noted	17	3-4	1.4	15	31
10	8.5-10.0	610.8	Medium Stiff Gr Clay A-6	11	8 50/5"	(0.5)		15
	11.0-11.1	610.2	Reddish Br Clay w/ Dolomite fragments noted Auger Refusal @ 11.1'	<1	50/1"			3
<b>REMARKS</b> Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER	10 FT. ELEV.	611.3	DURING DRILLING	✓	CORE SIZE	IN.	DATE:	Oct 27, 08
WATER	FT. ELEV.		AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	* FT. ELEV.		AFTER 1/4 HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

T:\16817A\Struct\Cadd\Pre-Final\Noise wall\Wall 9B\099\W025-60B04-014.dgn  
05-FEB-2009 16:49

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

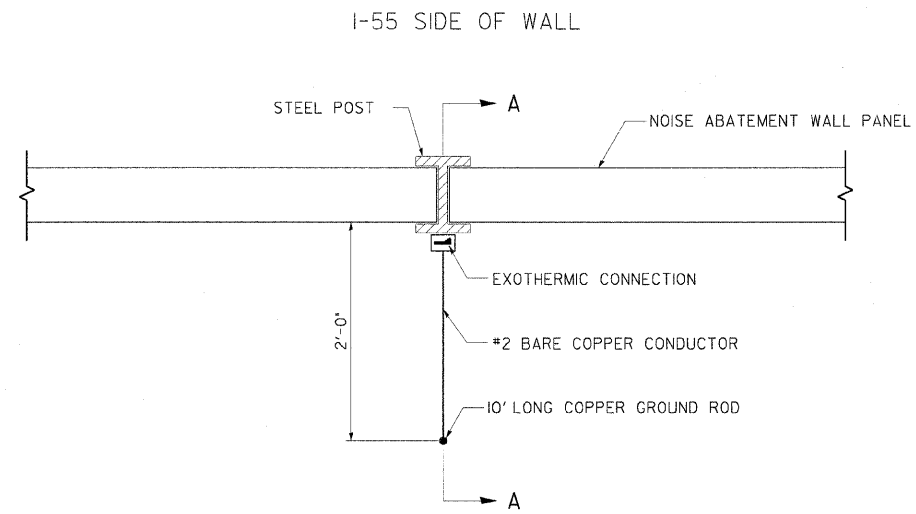
SOIL BORING LOGS  
STRUCTURE NO. 099-W025



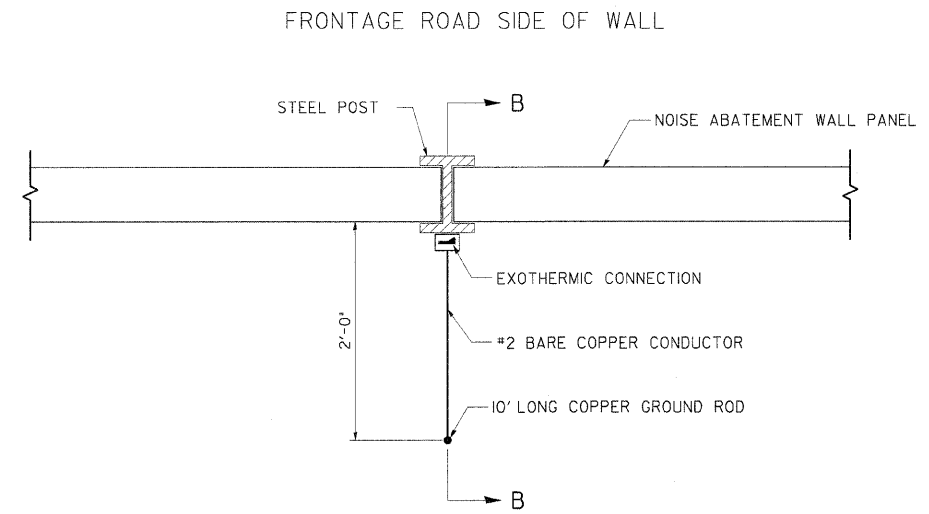
SHEET NO. 14	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
14 SHEETS	55	99 (1&2) I-12	WILL	147	100
			CONTRACT NO.	60B04	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) I-12	WILL	147	100A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

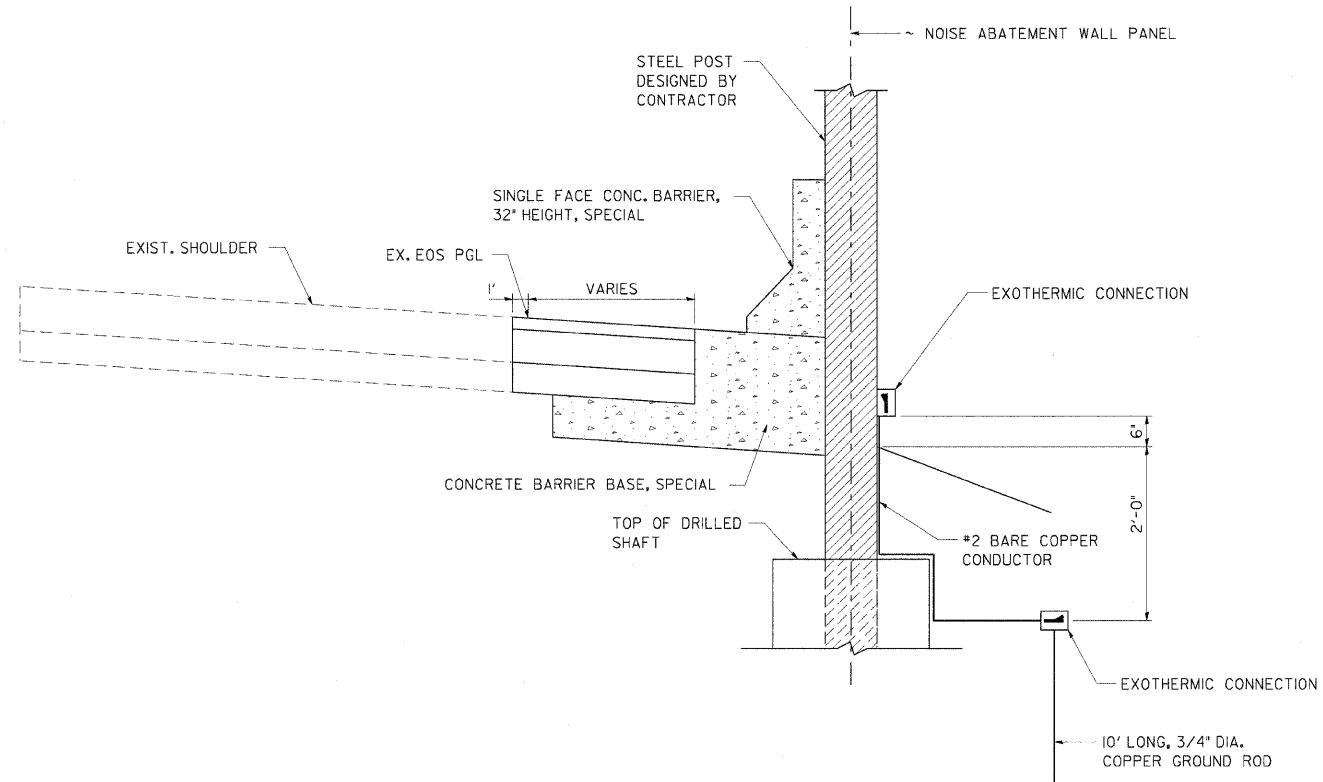


I-55 SIDE OF WALL  
FRONTAGE ROAD SIDE OF WALL  
PLAN SECTION AT WALLS 7 & 9B

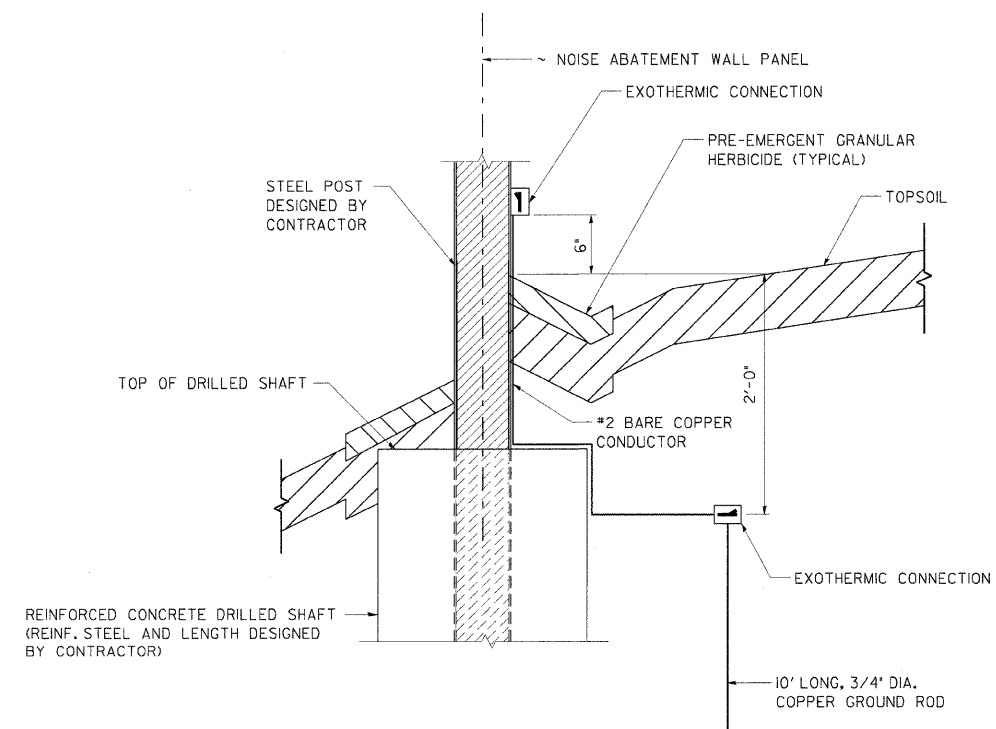


FRONTAGE ROAD SIDE OF WALL  
I-55 SIDE OF WALL  
PLAN SECTION AT GROUND MOUNTED WALL

**TYPICAL SOUND WALL GROUNDING**  
PROVIDE AT EACH POST WITHIN COMED PROPERTY OR WITHIN 30' OF OVERHEAD TRANSMISSION WIRES



SECTION A-A  
(AT WALLS 7 & 9B)



SECTION B-B  
(AT GROUND MOUNTED NOISE ABATEMENT WALL)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 55  
US 30 (PLAINFIELD ROAD) TO WEBER ROAD  
GROUNDING DETAILS FOR STEEL POSTS  
SCALE: 1 NTS  
DATE: 6-12-09  
DRAWN BY: HA  
CHECKED BY: PL

