CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176 + 1 = 177	1

7-31-09 Letting, Item 170

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

POSTED SPEED :

FRONTAGE ROAD 3 (35 MPH)
FRONTAGE ROAD 4 (NOT POSTED)
FRONTAGE ROAD 5 (VARIES 30 TO 45 MPH)

F.A.I. ROUTE 55 (INTERSTATE 55)
NOISE ABATEMENT WALLS
FROM BLACK ROAD TO U.S. ROUTE 30 (PLAINFIELD ROAD)

SECTION: 99 (1&2) I-11
PROJECT NO.: IM -055-6(234)253

WILL COUNTY
C-91-232-06

D-91-093-05

LOCATION OF SECTION INDICATED THUS:- [redacted]

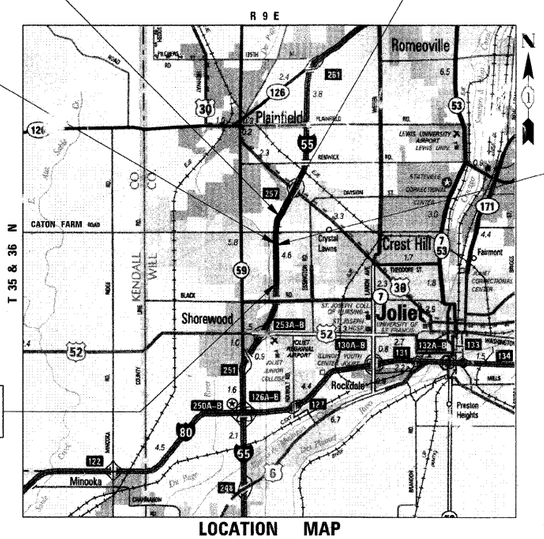
MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS _____

NOISE ABATEMENT WALL NO. 5
WEST FRONTAGE ROAD
CATON FARM ROAD TO US ROUTE 30
FRONTAGE ROAD 5: STA. 510+00.00 TO STA. 586+00.00
(I-55 MAINLINE: STA. 510+20.11 TO STA. 583+79.06)

I-55 MAINLINE
STA 583+79.06
PROJECT ENDS

NOISE ABATEMENT WALL NO. 4
WEST FRONTAGE ROAD
SUNNYLAND DRAIN TO CATON FARM ROAD
FRONTAGE ROAD 4: STA. 492+35.00 TO STA. 508+50.00
(I-55 MAINLINE: STA. 492+35.00 TO STA. 507+81.70)

PROJECT LOCATED IN
THE CITY OF JOLIET AND
THE VILLAGE OF PLAINFIELD



LOCATION MAP
NOT TO SCALE

NOISE ABATEMENT WALL NO. 3
EAST FRONTAGE ROAD
BLACK ROAD TO CATON FARM ROAD
FRONTAGE ROAD 3: STA. 324+70.00 TO STA. 408+00.00
(I-55 MAINLINE: STA. 424+70.00 TO STA. 507+68.61)

I-55 MAINLINE
STA 424+70.00
PROJECT BEGINS

I-55 GROSS LENGTH OF PROJECT = 15,909.06 feet (3.01 miles)
I-55 NET LENGTH OF PROJECT = 15,670.65 feet (2.97 miles)

100' 200' 300' — 1" = 100'
10' 20' 30' — 1" = 10'
50' 100' — 1" = 50'
50' 100' — 1" = 40'
50' 100' — 1" = 30'
50' 100' — 1" = 20'

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

DOUGLAS D. HANSEN 062-45293 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

DOUGLAS D. HANSEN, P.E.
IL. REG. NO. 062-045293
EXPIRES: 11/30/2009
DATE: 1/31/2009

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 2, 2009
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER
March 27, 2009
Charles J. Snorsel
ENGINEER OF DESIGN AND ENVIRONMENT
March 27, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

DISTRICT 1 - DESIGN /CONSULTANT SERVICES
PROJECT MANAGER: RAJENDRA SHAH 847-705-4555

CONTRACT NO. 60B03

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
3 - 5	SUMMARY OF QUANTITIES
6 - 10	TYPICAL SECTIONS
11 - 16	SCHEDULE OF QUANTITIES
17 - 20	HORIZONTAL ALIGNMENTS, TIES AND BENCHMARKS
21 - 26	REMOVAL PLAN
27 - 41	ROADWAY PLAN AND PROFILE
41A	NOISE ABATEMENT WALL GROUNDING DETAILS
42 - 47	SOIL BORING PLANS
48 - 54	SOIL BORING PROFILES
55	MAINTENANCE OF TRAFFIC DETAIL
56 - 62	EROSION AND SEDIMENT CONTROL PLAN
63 - 77	DRAINAGE & UTILITIES PLAN & PROFILE
78 - 81	DRAINAGE SCHEDULES
82 - 83	DRAINAGE DETAIL
84 - 89	LANDSCAPING PLAN
90 - 91	ELECTRICAL DETAILS
92 - 94	SIGN DETAILS
95 - 98	NOISE WALL OVER SUNNY LAND DRAIN S.N. 099-0032
99 - 100	SOIL BORINGS
101 - 136	CROSS-SECTIONS - NOISE WALL 3
137 - 145	CROSS-SECTIONS - NOISE WALL 4
146 - 176	CROSS-SECTIONS - NOISE WALL 5

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
542101-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375MM) THRU 36" (900MM) DIA. AT RIGHT ANGLES WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
~~602611~~	~~CATCH BASIN TYPE C~~
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-07	TRAFFIC BARRIER TERMINAL, TYPE 6
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 m (15') AWAY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS (SIGNS, MARKERS AND DELINEATORS)
729001-01	APPLICATION OF TYPE A AND B METAL POSTS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. 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.
5. WHERE EXISTING CURB AND GUTTER IS REMOVED, BARRICADES SHALL BE PLACED AT EACH END OF THE REMOVAL UNTIL PROPOSED CURB AND GUTTER IS CONSTRUCTED IN ITS PLACE.
6. AT LOCATIONS WHERE THE EXISTING ACCESS CONTROL FENCE IS TO BE REMOVED IN ORDER TO ALLOW CONSTRUCTION OF THE PROPOSED NOISE WALL, TEMPORARY FENCE (SPECIAL) SHALL BE CONSTRUCTED PRIOR TO THE REMOVAL THE EXISTING ACCESS CONTROL FENCE IN ORDER TO PROVIDE ACCESS CONTROL AT ALL TIMES. THE TEMPORARY FENCE (SPECIAL) SHALL REMAIN IN PLACE UNTIL THE PROPOSED NOISE WALL IS COMPLETED AND CONNECTED TO THE EXISTING ACCESS CONTROL FENCE.
7. 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.
8. 10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
9. THE CONTRACTOR SHALL ACCESS THE WORK AREA FROM THE FRONTAGE ROADS. ACCESS TO THE WORK AREA FROM I-55 WILL NOT BE ALLOWED.
10. FOR LANE CLOSURES ADJACENT TO LEFT TURN LANES, THE LEFT TURN LANES SHALL ALSO BE CLOSED. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
11. WHEREVER THE PHRASE "NOISE WALL(S)" IS USED ON THE PLANS, IT SHALL BE CONSTRUED THE SAME AS "NOISE ABATEMENT WALL(S)."
12. CONTACT STEVE LIPKIE OF THE IDOT ROADSIDE DEVELOPMENT UNIT 72 HOURS PRIOR TO TREE PLANTING AND SELECTIVE CLEARING AT 847-705-4173.
13. PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE SHALL TAKE PLACE PRIOR TO NOISE WALL INSTALLATION.

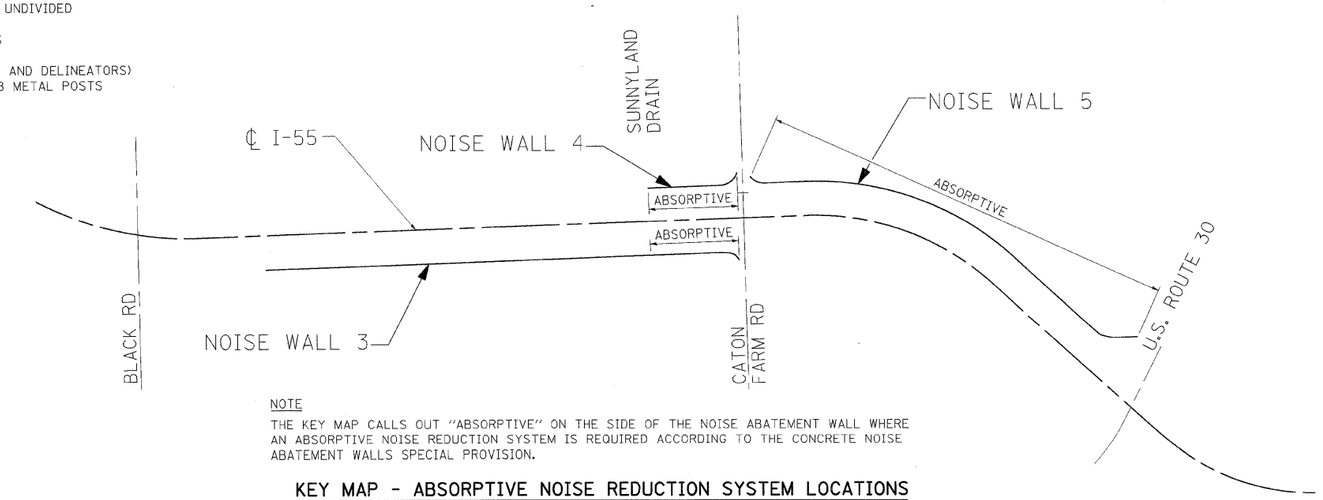
SUGGESTED SEQUENCE OF CONSTRUCTION

1. PRIOR TO EARTHWORK OPERATIONS OR THE DISTURBANCE OF ANY EXISTING VEGETATION, INSTALL SEDIMENT CONTROL, SILT FENCE, TEMPORARY DITCH CHECKS AND OTHER EROSION CONTROL DEVICES.
2. CONSTRUCT TEMPORARY FENCE (SPECIAL).
3. COMPLETE FENCE REMOVAL, TREE REMOVAL, CLEARING AND TOPSOIL REMOVAL.
4. COMPLETE EMBANKMENT AND INSTALLATION OF DRAINAGE STRUCTURES, PIPE CULVERTS AND ASSOCIATED END SECTIONS. COMPLETE TEMPORARY EROSION CONTROL SEEDING AS REQUIRED.
5. COMPLETE INSTALLATION OF NOISE ABATEMENT WALLS. THE CONTRACTOR MAY CONSIDER COMPLETING FINAL GRADING AND PLACEMENT OF TOPSOIL AND COMPOST AFTER INSTALLING THE BOTTOM PANELS FOR A LENGTH OF WALL PRIOR TO PLACING MIDDLE OR TOP PANELS.
6. PLACE TOPSOIL AND COMPOST AND COMPLETE LANDSCAPING.
7. COMPLETE RE-ERECTION OF ACCESS CONTROL FENCE AS NECESSARY AT THE ENDS OF THE NOISE ABATEMENT WALLS.
8. REMOVE TEMPORARY FENCE.
9. REMOVE EROSION CONTROL DEVICES AT THE DIRECTION OF THE ENGINEER.

HOT-MIX ASPHALT MIXTURE DESIGN REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
SHOULDERS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50; 1 1/2" (IL 9.5 mm)	PG 64-22	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2-1/4"	PG 64-22 *	4% @ 50 GYR.
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm); 9"	PG 64-22 *	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.



NOTE

THE KEY MAP CALLS OUT "ABSORPTIVE" ON THE SIDE OF THE NOISE ABATEMENT WALL WHERE AN ABSORPTIVE NOISE REDUCTION SYSTEM IS REQUIRED ACCORDING TO THE CONCRETE NOISE ABATEMENT WALLS SPECIAL PROVISION.

KEY MAP - ABSORPTIVE NOISE REDUCTION SYSTEM LOCATIONS

REVISIONS	
NAME	DATE

Rev.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES

SCALE: N.T.S. DRAWN BY AG
DATE 06/11/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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FILE NAME = $FILEL$
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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

URBAN
90 % FED.
10 % STATE

SPEC. ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY I000	STRUCT. Y220	SIGNING Y002-1C
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	2454	2454		
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	740	740		
*	20101100	TREE TRUNK PROTECTION	EACH	5	5		
*	20101200	TREE ROOT PRUNING	EACH	5	5		
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	50	50		
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	22	22		
	20200100	EARTH EXCAVATION	CU YD	215	215		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7200	7200		
	20400800	FURNISHED EXCAVATION	CU YD	8625	8625		
	20800150	TRENCH BACKFILL	CU YD	10	10		
*	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	28472	28472		
*	21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	4211	4211		
*	25000210	SEEDING, CLASS 2A	ACRE	1.75	1.75		
*	25000310	SEEDING, CLASS 4	ACRE	4	4		
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	158	158		
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	158	158		
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	158	158		
*	25100115	MULCH, METHOD 2	ACRE	5.75	5.75		
*	25100630	EROSION CONTROL BLANKET	SQ YD	27830	27830		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	575	575		
	28000300	TEMPORARY DITCH CHECKS	EACH	53	53		
	28000510	INLET FILTERS	EACH	93	93		
	28100105	STONE RIPRAP, CLASS A3	SQ YD	778	778		
	31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	1483	1483		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	924	924		
	44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	75	75		
	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	740	740		
	48203012	HOT-MIX ASPHALT SHOULDERS, 3 3/4"	SQ YD	1483	1483		
	50300225	CONCRETE STRUCTURES	CU YD	28.2		28.2	
	50300300	PROTECTIVE COAT	SQ YD	77.5		77.5	
	50800105	REINFORCEMENT BARS	POUND	4180		3720	460
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5250		5250	
	51602000	PERMANENT CASING	FOOT	54.8		54.8	
*	51603000	DRILLED SHAFT IN SOIL	CU YD	14.4		14.4	
*	51604000	DRILLED SHAFT IN ROCK	CU YD	2.9		2.9	

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SUMMARY OF QUANTITIES
I

SCALE: N.T.S. DRAWN BY AG
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

SPEC. ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY I000	STRUCT. Y220	SIGNING Y002-1C
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	92	92		
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2		
	54215424	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 24"	EACH	1	1		
	55019500	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	713	713		
	55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 12"	FOOT	448	448		
	55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 18"	FOOT	37	37		
	55022000	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III 24"	FOOT	8	8		
	55035300	STORM SEWERS, TYPE 2, REINFORCED CONCRETE ELLIPTICAL PIPE, SPAN 23, RISE 14	FOOT	8	8		
	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	92	92		
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4971.5	4971.5		
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	470	470		
	63200310	GUARDRAIL REMOVAL	FOOT	179	179		
	63302700	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2		
	66400105	CHAIN LINK FENCE, 4'	FOOT	266	266		
	66410300	CHAIN LINK FENCE REMOVAL	FOOT	11872	11872		
	66500105	WOVEN WIRE FENCE, 4'	FOOT	180	180		
	66502300	WOVEN WIRE FENCE REMOVAL	FOOT	4767	4767		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18		
	67100100	MOBILIZATION	L SUM	1	1		
	70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	14	14		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	237.5	237.5		
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2			2
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2			2
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	2793			2793
	73400100	CONCRETE FOUNDATIONS	CU YD	7.6			7.6
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	4			4
	78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	38	38		
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1		
*	81400200	HEAVY-DUTY HANDHOLE	EACH	1	1		
*	89502380	REMOVE EXISTING HANDHOLE	EACH	1	1		
*	A2000114	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	17	17		
*	A2002374	TREE, BETULA NIGRA (RIVER BIRCH), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10	10		
*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	40	40		
*	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15	15		

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SUMMARY OF QUANTITIES
II

SCALE: N.T.S. DRAWN BY AG
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TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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FILE NAME = $FILEL$
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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	5
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

SPEC. ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY I000	STRUCT. Y220	SIGNING Y002-1C
•	A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	15	15		
•	A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	60	60		
•	A2007064	TREE, MALUS PRAIRIE ROSE (PRAIRIE ROSE CRABAPPLE), 1-1/2" CALIPER, LOW-BRANCHED, BALLED AND BURLAPPED	EACH	15	15		
•	B2001664	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, 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	150	150		
•	D2002160	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	10	10		
•	E20200G1	VINE-PARTHENOCISSUS QUINQUEFOLIA (VIRGINIA CREEPER), 1-GALLON POT	EACH	11590	11590		
•	K0036120	MULCH PLACEMENT 4"	SQ YD	160	160		
	X0301423	NOISE ABATEMENT WALL, GROUND MOUNTED	SQ FT	282390		282390	
•	X0322324	WEED CONTROL, TEASEL	POUND	0.36	0.36		
•	X0322859	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	115.2	115.2		
	X0322939	RELOCATE EXISTING FLARED END SECTION	EACH	2	2		
	X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	1531	1531		
	X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED	SQ FT	505		505	
	X2010300	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	78	78		
	X6050700	REMOVE INLET BOX	EACH	1	1		
•	X6330190	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL	EACH	2	2		
	X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1		
	XX006367	INLET AND OUTLET PROTECTION	EACH	13	13		
•	XX007763	TEMPORARY FENCE (SPECIAL)	FOOT	17264	17264		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
•	Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2		
	Z0064800	SELECTIVE CLEARING	UNIT	90	90		
⊙	Z0076600	TRAINEES	HOUR	1500	1500		
•	X0324397	RELOCATE ELECTRIC SERVICE	EACH	1	1		

⊙ Y080
• SPECIALTY ITEMS

Rev.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SUMMARY OF QUANTITIES III

SCALE: N.T.S. DRAWN BY AG
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
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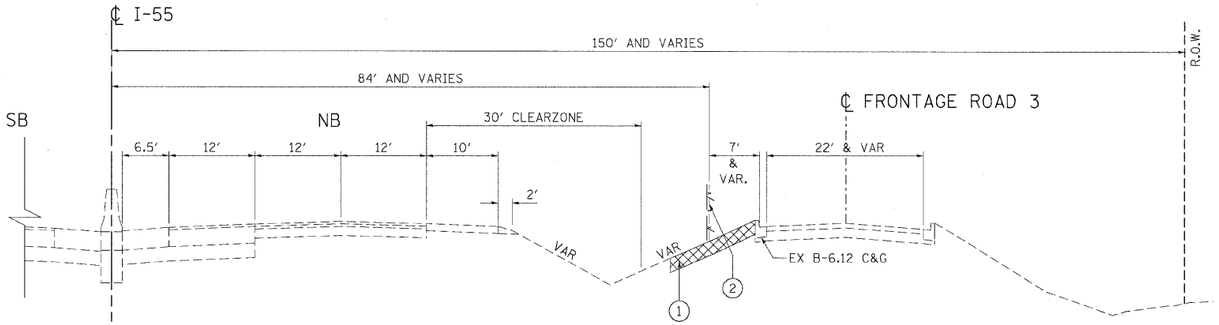
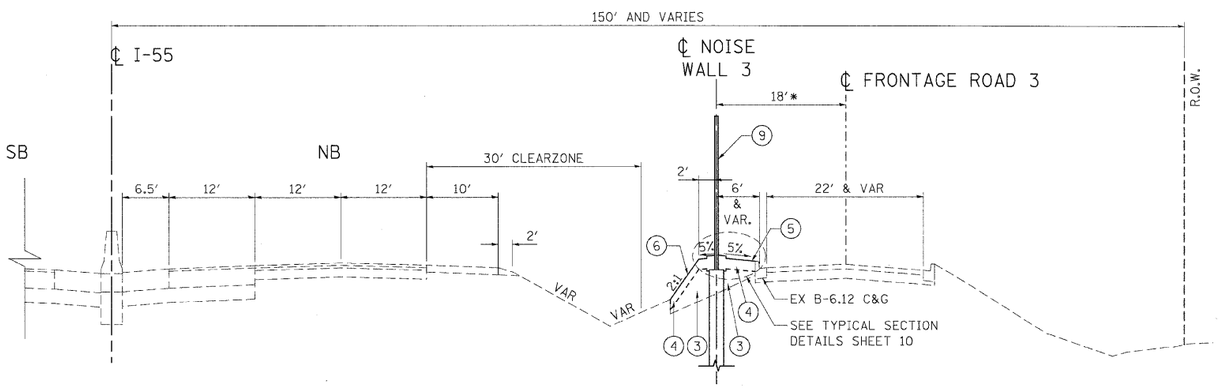
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

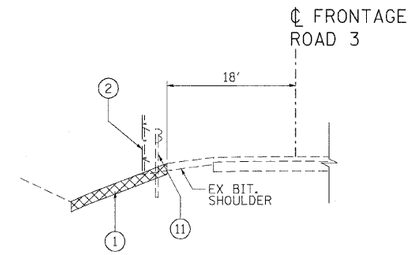


EXISTING ROADWAY TYPICAL SECTION
STA. 324+70.00 TO STA. 390+61.00
STA. 393+27.41 TO STA. 406+00.00

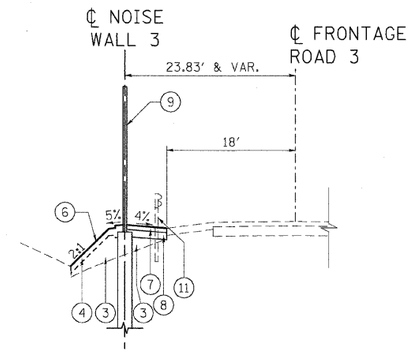


PROPOSED ROADWAY TYPICAL SECTION
STA. 324+70.00 TO STA. 390+61.00
STA. 393+27.41 TO STA. 406+00.00

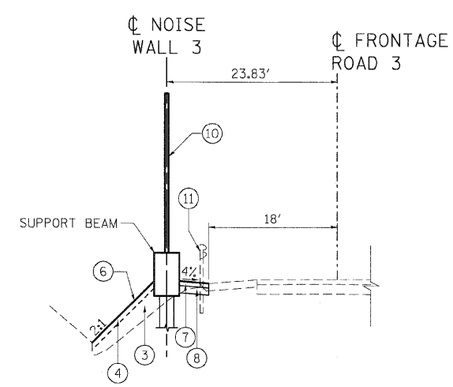
* TRANSITIONS FROM 18' TO 23.83' FROM STA. 389+71.30 TO STA. 390+71.30
* TRANSITIONS FROM 23.83' TO 18' FROM STA. 393+08.58 TO STA. 394+08.58



EXISTING ROADWAY TYPICAL SECTION
STA. 390+61.00 TO STA. 393+27.41

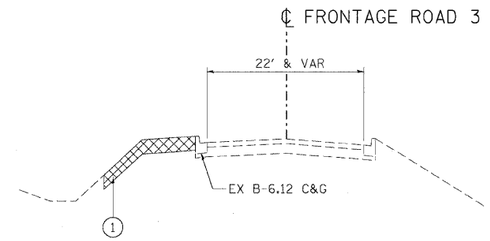


PROPOSED ROADWAY TYPICAL SECTION
STA. 390+61.00 TO STA. 391+62.99
STA. 392+16.49 TO STA. 393+27.41

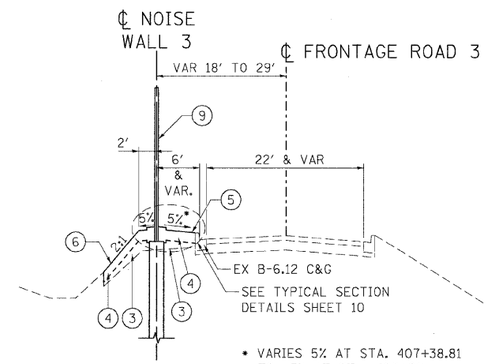


PROPOSED ROADWAY TYPICAL SECTION
STA. 391+62.99 TO STA. 391+78.63
STA. 392+00.93 TO STA. 392+16.49

* STA. 391+78.63 TO STA. 392+00.93 IS WITHIN THE BRIDGE OVER SUNNYLAND DRAIN - SEE STRUCTURAL SHEET >GP7PG FOR DETAILS



EXISTING ROADWAY TYPICAL SECTION
STA. 406+00.00 TO STA. 408+00.00



* VARIES 5% AT STA. 407+38.81 TO -5% AT STA. 408+00

PROPOSED ROADWAY TYPICAL SECTION
STA. 406+00.00 TO STA. 408+00.00

NOTES:

1. DIMENSIONS ON TYPICAL SECTIONS ARE SHOWN TO CENTERLINE OF NOISE ABATEMENT WALL.
2. HMA SHOULDERS 3-3/4" SHALL CONSIST OF THE FOLLOWING:
   HMA SURFACE COURSE, MIX "C", N50 (1-1/2")
   HMA BINDER COURSE, IL-19.0, N50 (2-1/4")

LEGEND

1. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
2. FENCE REMOVAL (SEE ROADWAY PLANS FOR TYPE)
3. FURNISHED EXCAVATION
4. TOPSOIL FURNISH AND PLACE, 6"
5. SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
6. SEEDING, CLASS 4 AND EROSION CONTROL BLANKET
7. HOT-MIX ASPHALT SHOULDERS, 3-3/4"
8. SUB-BASE GRANULAR MATERIAL, TYPE B 6"
9. NOISE ABATEMENT WALL, GROUND MOUNTED
10. NOISE ABATEMENT WALL, STRUCTURE MOUNTED
11. REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

TYPICAL SECTIONS
NOISE WALL 3 - EAST
STA. 324+70.00 TO STA. 408+00.00

SCALE: N.T.S. DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

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TENG & ASSOCIATES, INC.
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CHICAGO, ILLINOIS

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PLOT SCALE = $SCALE$
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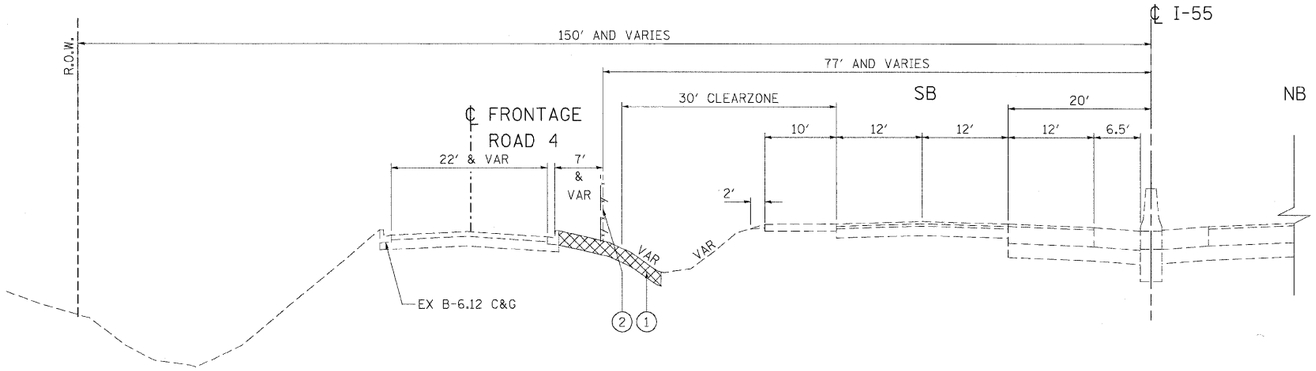
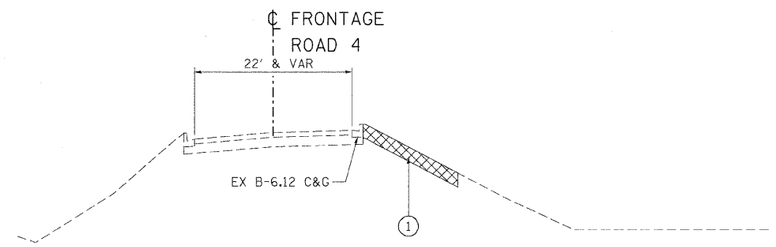
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



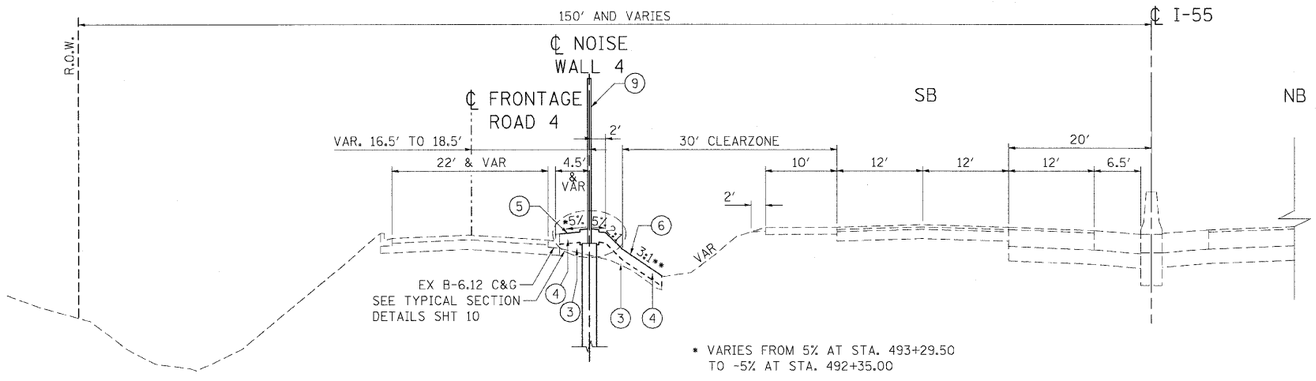
EXISTING ROADWAY TYPICAL SECTION

STA. 492+35.00 TO STA. 505+15.00



EXISTING ROADWAY TYPICAL SECTION

STA. 505+15.00 TO STA. 508+50.00

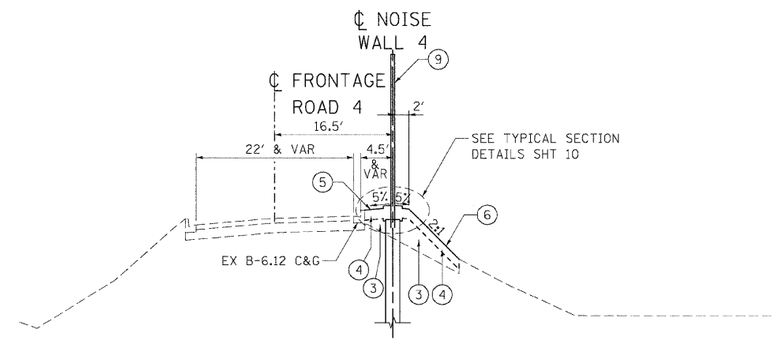


* VARIES FROM 5% AT STA. 493+29.50 TO -5% AT STA. 492+35.00

PROPOSED ROADWAY TYPICAL SECTION

STA. 492+35.00 TO STA. 505+15.00

** SLOPE REMAINS 2:1 FROM STA. 503+00.00 TO 505+15.00



PROPOSED ROADWAY TYPICAL SECTION

STA. 505+15.00 TO STA. 508+50.00

LEGEND

1. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
2. FENCE REMOVAL (SEE ROADWAY PLANS FOR TYPE)
3. FURNISHED EXCAVATION
4. TOPSOIL FURNISH AND PLACE, 6"
5. SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
6. SEEDING, CLASS 4 AND EROSION CONTROL BLANKET
7. HOT-MIX ASPHALT SHOULDERS, 3-3/4"
8. SUB-BASE GRANULAR MATERIAL, TYPE B 6"
9. NOISE ABATEMENT WALL, GROUND MOUNTED
10. NOISE ABATEMENT WALL, STRUCTURE MOUNTED
11. REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL

NOTE:

1. DIMENSIONS ON TYPICAL SECTIONS ARE SHOWN TO CENTERLINE OF NOISE ABATEMENT WALL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

TYPICAL SECTIONS
NOISE WALL 4 - WEST
STA. 490+50.00 TO STA. 508+00.00

SCALE: N.T.S. DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
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CHICAGO, ILLINOIS

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FILE NAME = $FILEL$
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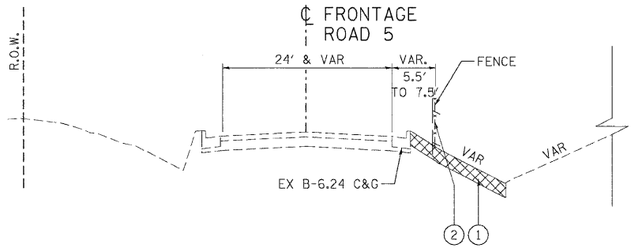
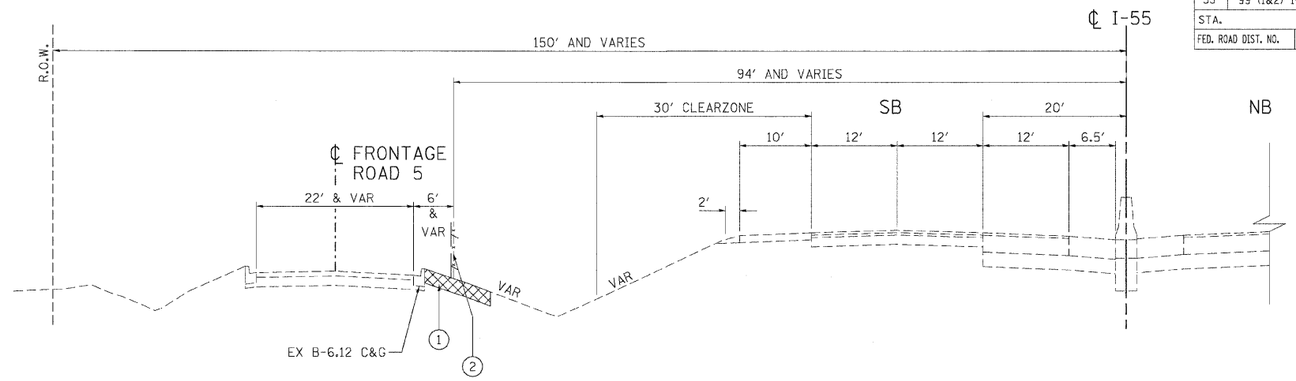
CONTRACT NO. 60B03

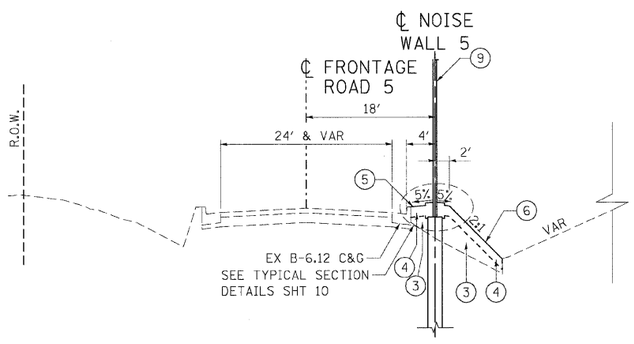
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



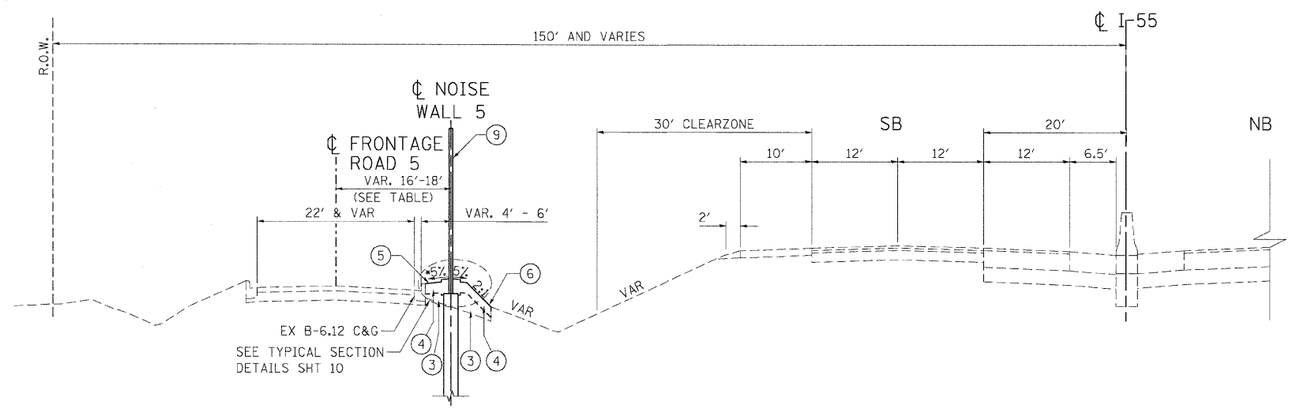
EXISTING ROADWAY TYPICAL SECTION
STA. 566+87.21 TO STA. 576+35.44



EXISTING ROADWAY TYPICAL SECTION
STA. 510+00.00 TO STA. 525+31.74



PROPOSED ROADWAY TYPICAL SECTION
STA. 566+87.21 TO STA. 576+35.44



* VARIES FROM -5% AT STA. 510+00.00 TO 5% AT STA. 510+75.60

PROPOSED ROADWAY TYPICAL SECTION
STA. 510+00.00 TO STA. 525+31.74

FROM STA.	TO STA.	DISTANCE FROM ROAD ℄ TO WALL ℄
510+00.00	518+00.00	16'
518+00.00	519+00.00	TRANSITION FROM 16' TO 18'
519+00.00	525+31.74	18'

LEGEND

1. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
2. FENCE REMOVAL (SEE ROADWAY PLANS FOR TYPE)
3. FURNISHED EXCAVATION
4. TOPSOIL FURNISH AND PLACE, 6"
5. SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
6. SEEDING, CLASS 4 AND EROSION CONTROL BLANKET
7. HOT-MIX ASPHALT SHOULDERS, 3-3/4"
8. SUB-BASE GRANULAR MATERIAL, TYPE B 6"
9. NOISE ABATEMENT WALL, GROUND MOUNTED
10. NOISE ABATEMENT WALL, STRUCTURE MOUNTED
11. REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL

NOTE:
DIMENSIONS ON TYPICAL SECTIONS ARE SHOWN TO CENTERLINE OF NOISE ABATEMENT WALL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

TYPICAL SECTIONS
NOISE WALL 5 - WEST
STA. 510+00.00 TO STA. 525+31.74
& STA. 566+87.21 TO STA. 576+35.44

SCALE: N.T.S. DRAWN BY SKJ
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TENG & ASSOCIATES, INC.
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CHICAGO, ILLINOIS

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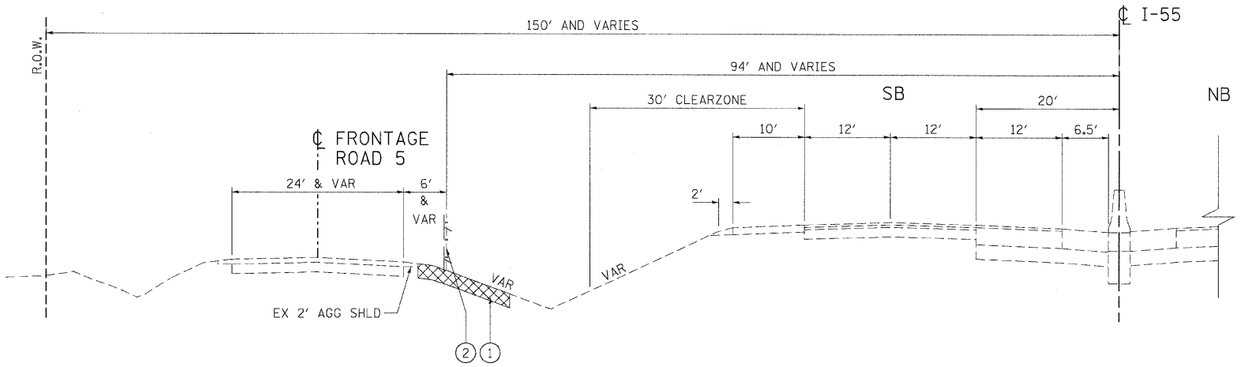
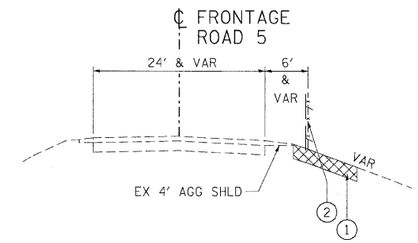
CONTRACT NO. 60B03

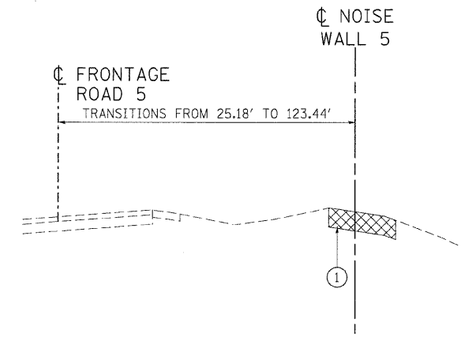
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



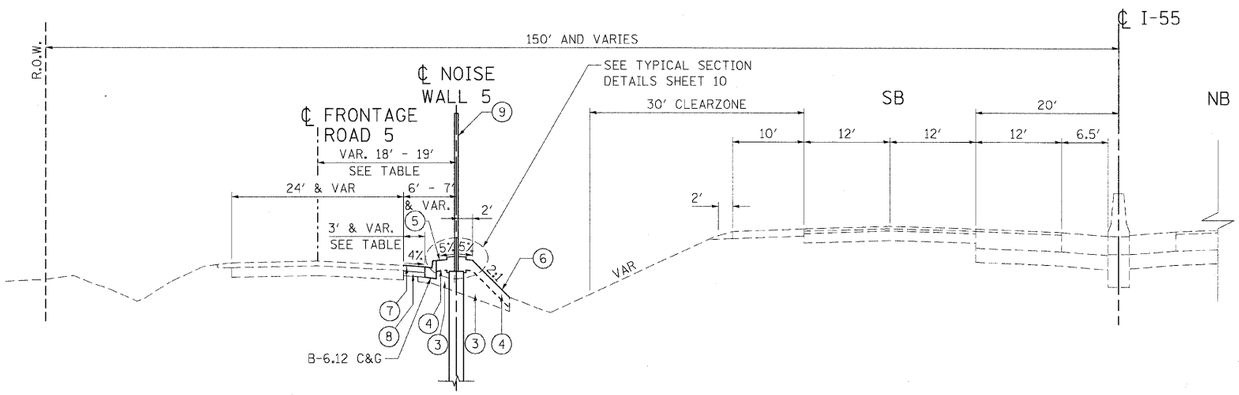
EXISTING ROADWAY TYPICAL SECTION
STA. 525+31.74 TO STA. 566+87.21



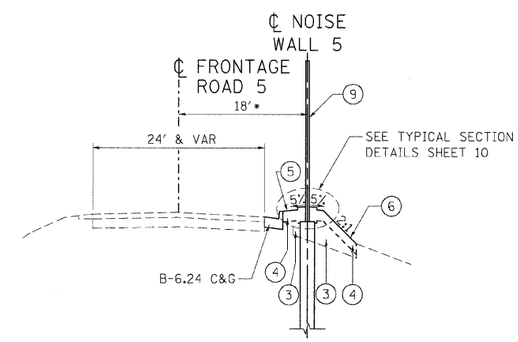
EXISTING ROADWAY TYPICAL SECTION
STA. 576+35.44 TO STA. 580+00.00



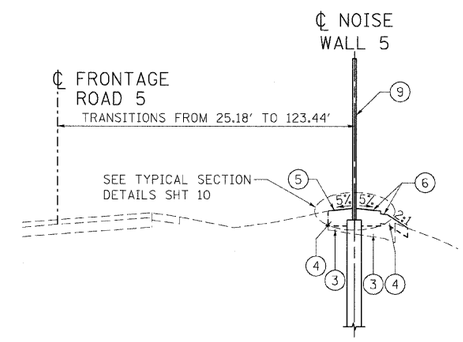
EXISTING ROADWAY TYPICAL SECTION
STA. 580+00.00 TO STA. 586+00.00



PROPOSED ROADWAY TYPICAL SECTION
STA. 525+31.74 TO STA. 566+87.21



PROPOSED ROADWAY TYPICAL SECTION
STA. 576+35.44 TO STA. 580+00.00
*STA. 579+00.00 TO STA. 580+00.00 : TRANSITIONS FROM 18' TO 25.18'



PROPOSED ROADWAY TYPICAL SECTION
STA. 580+00.00 TO STA. 586+00.00

FROM STA.	TO STA.	DISTANCE FROM ROAD ℄ TO WALL ℄	SHOULDER WIDTH
525+32.74	526+32.00	TRANSITIONS FROM 18' TO 19'	TRANSITIONS FROM 0' TO 3'
526+32.00	565+87.00	19'	3'
565+87.00	566+87.21	TRANSITIONS FROM 19' TO 18'	TRANSITIONS FROM 3' TO 0'

LEGEND

1. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
2. FENCE REMOVAL (SEE ROADWAY PLANS FOR TYPE)
3. FURNISHED EXCAVATION
4. TOPSOIL FURNISH AND PLACE, 6"
5. SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
6. SEEDING, CLASS 4 AND EROSION CONTROL BLANKET
7. HOT-MIX ASPHALT SHOULDERS, 3-3/4"
8. SUB-BASE GRANULAR MATERIAL, TYPE B 6"
9. NOISE ABATEMENT WALL, GROUND MOUNTED
10. NOISE ABATEMENT WALL, STRUCTURE MOUNTED
11. REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL

NOTES:

1. DIMENSIONS ON TYPICAL SECTIONS ARE SHOWN TO CENTERLINE OF NOISE ABATEMENT WALL.
2. HMA SHOULDERS 3-3/4" SHALL CONSIST OF THE FOLLOWING:
   HMA SURFACE COURSE, MIX "C", N50 (1-1/2")
   HMA BINDER COURSE, IL-19.0, N50 (2-1/4")

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

TYPICAL SECTIONS
NOISE WALL 5 - WEST
STA. 525+31.74 TO STA. 566+87.21
& STA. 576+35.44 TO STA. 580+79.17

SCALE: N.T.S. DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

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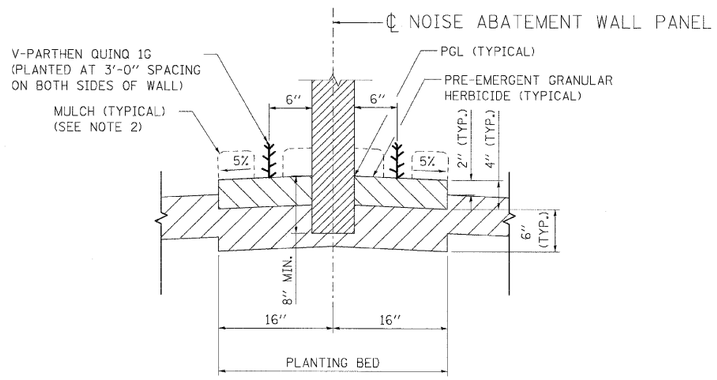
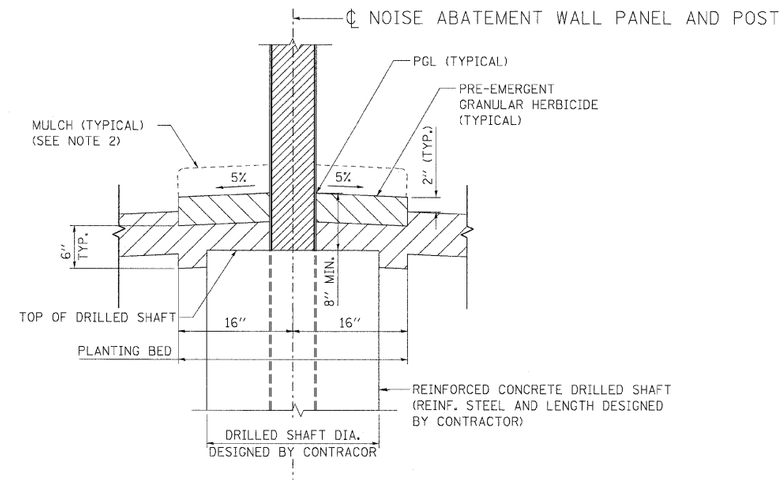
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LANDSCAPING DETAIL AT BOTTOM OF PANEL



LANDSCAPING DETAIL AT FOUNDATION

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 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

TYPICAL SECTIONS LANDSCAPING DETAILS

SCALE: N.T.S. DRAWN BY AG

DATE 02/06/09 CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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USER NAME = $USER$

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2-03-2009,17:27:54 GARCIAAZ S:\DOCUMENT\02361501\CIVIL\DGN\TS121A006.SHT

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE OF QUANTITIES

STA FROM	TO STA	20200100 EARTH EXCAVATION	20201200 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
I-55 NOISE WALL 3 - BEFORE SUNNLYLAND DRAIN						
324+54.04	324+70.00	0.0	2.9	0.0	4.2	-4.2
324+70.00	325+00.00	0.0	11.1	0.0	17.1	-17.1
325+00.00	326+00.00	0.0	35.1	0.0	49.4	-49.4
326+00.00	327+00.00	0.0	33.4	0.0	42.0	-42.0
327+00.00	328+00.00	0.0	33.4	0.0	42.6	-42.6
328+00.00	329+00.00	0.0	31.9	0.0	37.1	-37.1
329+00.00	330+00.00	0.0	31.4	0.0	33.4	-33.4
330+00.00	331+00.00	0.0	33.5	0.0	38.6	-38.6
331+00.00	332+00.00	0.0	39.9	0.0	57.5	-57.5
332+00.00	333+00.00	0.0	41.0	0.0	58.9	-58.9
333+00.00	334+00.00	0.0	36.3	0.0	48.6	-48.6
334+00.00	335+00.00	0.0	35.2	0.0	50.2	-50.2
335+00.00	336+00.00	0.0	36.6	0.0	54.9	-54.9
336+00.00	337+00.00	0.0	38.7	0.0	62.7	-62.7
337+00.00	338+00.00	0.0	40.3	0.0	67.3	-67.3
338+00.00	339+00.00	0.0	39.9	0.0	62.4	-62.4
339+00.00	340+00.00	0.0	39.5	0.0	58.1	-58.1
340+00.00	341+00.00	0.0	39.6	0.0	57.3	-57.3
341+00.00	342+00.00	0.0	38.2	0.0	57.8	-57.8
342+00.00	343+00.00	0.0	36.5	0.0	54.9	-54.9
343+00.00	344+00.00	0.0	37.4	0.0	54.1	-54.1
344+00.00	345+00.00	0.0	39.7	0.0	57.0	-57.0
345+00.00	346+00.00	0.0	42.3	0.0	60.5	-60.5
346+00.00	347+00.00	0.0	43.9	0.0	66.0	-66.0
347+00.00	348+00.00	0.0	44.5	0.0	64.6	-64.6
348+00.00	349+00.00	0.0	51.4	0.0	84.8	-84.8
349+00.00	350+00.00	0.0	60.8	0.0	116.4	-116.4
350+00.00	351+00.00	0.0	62.6	0.0	118.6	-118.6
351+00.00	352+00.00	0.0	57.6	0.0	104.5	-104.5
352+00.00	353+00.00	0.0	53.0	0.0	87.1	-87.1
353+00.00	354+00.00	0.0	51.8	0.0	84.9	-84.9
354+00.00	355+00.00	0.0	50.8	0.0	83.9	-83.9
355+00.00	356+00.00	0.0	49.2	0.0	76.8	-76.8
356+00.00	357+00.00	0.0	48.5	0.0	75.2	-75.2
357+00.00	358+00.00	0.0	52.7	0.0	82.2	-82.2
358+00.00	359+00.00	0.0	53.7	0.0	79.1	-79.1
359+00.00	360+00.00	0.0	43.0	0.0	48.7	-48.7
360+00.00	361+00.00	0.0	36.1	0.0	40.8	-40.8
361+00.00	362+00.00	0.0	37.3	0.0	53.3	-53.3
362+00.00	363+00.00	0.0	38.9	0.0	59.9	-59.9
363+00.00	364+00.00	0.0	38.6	0.0	61.4	-61.4
364+00.00	365+00.00	0.0	39.4	0.0	67.5	-67.5
365+00.00	366+00.00	0.0	41.1	0.0	78.2	-78.2
366+00.00	367+00.00	0.0	40.8	0.0	68.3	-68.3
367+00.00	368+00.00	0.0	43.1	0.0	73.4	-73.4
368+00.00	369+00.00	0.0	47.1	0.0	95.5	-95.5
369+00.00	370+00.00	0.0	48.3	0.0	97.1	-97.1
370+00.00	371+00.00	0.0	44.1	0.0	76.9	-76.9
371+00.00	372+00.00	0.0	36.6	0.0	49.6	-49.6

STA FROM	TO STA	20200100 EARTH EXCAVATION	20201200 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
I-55 NOISE WALL 3 - BEFORE SUNNYLAND DRAIN (CONTINUED)						
372+00.00	373+00.00	0.0	34.9	0.0	45.2	-45.2
373+00.00	374+00.00	0.0	40.9	0.0	61.5	-61.5
374+00.00	375+00.00	0.0	44.6	0.0	70.7	-70.7
375+00.00	376+00.00	0.0	48.9	0.0	86.3	-86.3
376+00.00	377+00.00	0.0	53.5	0.0	101.2	-101.2
377+00.00	378+00.00	0.0	53.9	0.0	105.3	-105.3
378+00.00	379+00.00	0.0	52.7	0.0	108.6	-108.6
379+00.00	380+00.00	0.0	48.9	0.0	97.3	-97.3
380+00.00	381+00.00	0.0	47.3	0.0	90.6	-90.6
381+00.00	382+00.00	0.0	45.9	0.0	83.2	-83.2
382+00.00	383+00.00	0.0	41.7	0.0	67.0	-67.0
383+00.00	384+00.00	0.0	38.9	0.0	56.0	-56.0
384+00.00	385+00.00	0.0	41.1	0.0	64.2	-64.2
385+00.00	386+00.00	0.0	42.1	0.0	69.3	-69.3
386+00.00	387+00.00	0.0	38.6	0.0	53.4	-53.4
387+00.00	388+00.00	0.0	34.8	0.0	44.0	-44.0
388+00.00	389+00.00	0.0	32.5	0.0	42.0	-42.0
389+00.00	390+00.00	0.0	33.9	0.0	43.3	-43.3
390+00.00	391+00.00	2.9	29.7	2.4	39.8	-37.4
391+00.00	391+24.41	1.3	6.0	1.1	8.8	-7.6
391+24.41	391+64.74	1.1	5.2	0.9	7.8	-6.9
391+64.74	END	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	5.3	2824.7	4.5	4466.8	-4462.4
I-55 NOISE WALL 3 - AFTER SUNNLYLAND DRAIN						
392+14.74	392+51.00	1.9	4.6	1.6	3.7	-2.0
392+51.00	393+00.00	4.5	12.0	3.8	11.0	-7.2
393+00.00	394+00.00	3.8	28.4	3.2	28.9	-25.7
394+00.00	395+00.00	0.0	31.0	0.0	31.5	-31.5
395+00.00	396+00.00	0.0	28.5	0.0	27.0	-27.0
396+00.00	397+00.00	4.3	47.6	3.7	28.2	-24.5
397+00.00	398+00.00	13.0	65.7	11.1	30.7	-19.6
398+00.00	399+00.00	11.9	65.4	10.1	31.2	-21.1
399+00.00	400+00.00	3.2	64.7	2.8	35.8	-33.1
400+00.00	401+00.00	0.0	47.9	0.0	36.9	-36.9
401+00.00	402+00.00	0.0	31.0	0.0	29.9	-29.9
402+00.00	403+00.00	0.0	29.3	0.0	25.6	-25.6
403+00.00	404+00.00	0.0	31.3	0.0	33.6	-33.6
404+00.00	405+00.00	0.0	34.0	0.0	41.8	-41.8
405+00.00	406+00.00	0.0	40.1	0.0	55.7	-55.7
406+00.00	407+00.00	0.0	34.7	0.0	42.1	-42.1
407+00.00	408+00.00	0.0	52.4	0.0	97.9	-97.9
408+00.00	408+26.26	0.0	0.0	0.0	0.0	0.0
408+26.26	END	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	42.7	648.7	36.3	591.7	-555.4
I-55 NOISE WALL 4						
492+18.81	492+35.00	0.0	2.5	0.0	4.0	-4.0
492+35.00	493+00.00	0.0	27.3	0.0	32.4	-32.4
493+00.00	494+00.00	0.0	40.8	0.0	36.2	-36.2
494+00.00	495+00.00	0.0	34.3	0.0	25.4	-25.4

STA FROM	TO STA	20200100 EARTH EXCAVATION	20201200 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
I-55 NOISE WALL 4 (CONTINUED)						
495+00.00	496+00.00	2.9	52.9	2.4	28.4	-26.0
496+00.00	497+00.00	5.4	65.7	4.5	26.7	-22.2
497+00.00	498+00.00	5.1	65.1	4.3	25.7	-21.4
498+00.00	499+00.00	10.3	60.3	8.7	24.3	-15.6
499+00.00	500+00.00	7.6	53.3	6.5	31.6	-25.1
500+00.00	501+00.00	0.0	42.6	0.0	33.6	-33.6
501+00.00	502+00.00	0.0	36.3	0.0	30.1	-30.1
502+00.00	503+00.00	0.0	34.6	0.0	35.5	-35.5
503+00.00	504+00.00	0.0	32.1	0.0	37.6	-37.6
504+00.00	505+00.00	0.4	44.1	0.3	58.0	-57.7
505+00.00	506+00.00	0.4	43.8	0.3	54.9	-54.5
506+00.00	507+00.00	0.0	25.4	0.0	19.4	-19.4
507+00.00	508+00.00	0.0	19.6	0.0	11.2	-11.2
508+00.00	508+50.00	0.0	11.2	0.0	8.5	-8.5
508+50.00	508+58.51	0.0	1.0	0.0	0.8	-0.8
508+58.51	END	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	32.0	693.0	27.2	524.5	-497.2
I-55 NOISE WALL 5						
509+96.85	510+00.00	0.0	0.5	0.0	0.3	-0.3
510+00.00	511+00.00	0.0	34.3	0.0	37.2	-37.2
511+00.00	512+00.00	0.0	51.9	0.0	82.9	-82.9
512+00.00	513+00.00	0.4	65.2	0.3	103.9	-103.5
513+00.00	514+00.00	0.4	49.1	0.3	66.0	-65.7
514+00.00	515+00.00	0.0	31.3	0.0	33.9	-33.9
515+00.00	516+00.00	0.0	29.8	0.0	33.5	-33.5
516+00.00	517+00.00	3.3	36.4	2.8	27.6	-24.8
517+00.00	518+00.00	10.6	44.9	9.1	22.3	-13.3
518+00.00	519+00.00	13.9	54.0	11.9	31.6	-19.7
519+00.00	520+00.00	6.6	45.9	5.6	40.2	-34.6
520+00.00	521+00.00	0.0	29.9	0.0	35.6	-35.6
521+00.00	522+00.00	0.0	30.0	0.0	33.8	-33.8
522+00.00	523+00.00	0.0	32.6	0.0	43.7	-43.7
523+00.00	524+00.00	0.0	34.6	0.0	51.7	-51.7
524+00.00	525+00.00	0.0	35.1	0.0	49.3	-49.3
525+00.00	526+00.00	0.1	37.5	0.1	45.9	-45.8
526+00.00	527+00.00	0.4	39.5	0.4	38.6	-38.3
527+00.00	528+00.00	0.9	37.2	0.8	29.8	-29.0
528+00.00	529+00.00	1.4	35.8	1.2	27.4	-26.3
529+00.00	530+00.00	0.9	37.5	0.8	31.1	-30.3
530+00.00	531+00.00	0.7	36.8	0.6	31.3	-30.7
531+00.00	532+00.00	0.7	35.4	0.6	28.9	-28.3

CONTINUED ON SHEET 12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SCHEDULE OF QUANTITIES
I

SCALE: N.T.S. DRAWN BY AG
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$
..\B2491A08.DGN,..\SG121A002.DGN,..\SG121A002.DGN,..\SG121A002.DGN
2-04-2009,16:32:25 SHAFIAJF S:\DOCUMENT\02381E01\CIVIL\DGN\SG121A004.SHT

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE OF QUANTITIES

CONTINUED FROM SHEET 11

STA FROM	TO STA	20200100 EARTH EXCAVATION	20201200 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
I-55 NOISE WALL 5 (CONTINUED)						
532+00.00	533+00.00	0.5	35.2	0.5	28.0	-27.6
533+00.00	534+00.00	0.7	37.6	0.6	33.6	-33.0
534+00.00	535+00.00	1.1	41.6	1.0	43.0	-42.0
535+00.00	536+00.00	0.9	44.7	0.7	44.0	-43.3
536+00.00	537+00.00	1.2	43.1	1.0	36.2	-35.1
537+00.00	538+00.00	1.4	39.4	1.2	34.5	-33.3
538+00.00	539+00.00	1.4	38.9	1.1	37.1	-36.0
539+00.00	540+00.00	2.2	36.3	1.9	27.5	-25.6
540+00.00	541+00.00	2.0	36.8	1.7	27.4	-25.7
541+00.00	542+00.00	1.7	40.6	1.4	36.4	-34.9
542+00.00	543+00.00	1.9	44.0	1.6	46.7	-45.1
543+00.00	544+00.00	1.9	45.3	1.6	56.3	-54.7
544+00.00	545+00.00	1.5	43.4	1.2	53.9	-52.6
545+00.00	546+00.00	1.1	42.9	1.0	53.9	-53.0
546+00.00	547+00.00	1.0	43.2	0.8	54.3	-53.5
547+00.00	548+00.00	0.7	42.3	0.6	51.8	-51.2
548+00.00	549+00.00	0.8	41.2	0.6	46.2	-45.5
549+00.00	550+00.00	1.1	41.3	0.9	43.1	-42.2
550+00.00	551+00.00	1.6	40.5	1.4	40.4	-39.0
551+00.00	552+00.00	2.2	40.0	1.9	38.2	-36.3
552+00.00	553+00.00	2.3	38.9	1.9	36.3	-34.4
553+00.00	554+00.00	2.4	36.0	2.1	28.6	-26.6
554+00.00	555+00.00	2.5	37.1	2.1	31.1	-29.0
555+00.00	556+00.00	2.0	42.5	1.7	44.8	-43.1
556+00.00	557+00.00	1.5	44.8	1.3	53.2	-51.9
557+00.00	558+00.00	1.5	43.8	1.3	51.8	-50.5
558+00.00	559+00.00	2.0	42.6	1.7	44.9	-43.2
559+00.00	560+00.00	2.1	40.0	1.8	36.1	-34.3
560+00.00	561+00.00	2.2	37.7	1.9	32.0	-30.1
561+00.00	562+00.00	2.5	36.9	2.1	28.6	-26.5
562+00.00	563+00.00	2.3	37.2	1.9	25.8	-23.9
563+00.00	564+00.00	2.6	38.2	2.2	29.3	-27.1
564+00.00	565+00.00	2.7	39.8	2.3	38.3	-36.0
565+00.00	566+00.00	2.2	40.5	1.8	40.8	-38.9
566+00.00	567+00.00	1.1	35.7	0.9	43.6	-42.7
567+00.00	568+00.00	0.0	48.7	0.0	56.6	-56.6
568+00.00	569+00.00	0.6	60.0	0.5	68.1	-67.6
569+00.00	570+00.00	2.0	56.6	1.7	63.8	-62.1
570+00.00	571+00.00	1.4	46.1	1.2	49.9	-48.7
571+00.00	572+00.00	0.0	41.7	0.0	55.5	-55.5
572+00.00	573+00.00	0.4	52.3	0.3	73.6	-73.3
573+00.00	574+00.00	1.5	61.2	1.2	83.1	-81.9
574+00.00	575+00.00	4.1	67.3	3.5	83.8	-80.3
575+00.00	576+00.00	4.4	65.3	3.7	84.2	-80.5
576+00.00	577+00.00	3.7	46.0	3.2	64.1	-61.0
577+00.00	578+00.00	4.6	27.7	3.9	42.2	-38.3
578+00.00	579+00.00	4.7	25.3	4.0	35.8	-31.9
579+00.00	580+00.00	4.9	34.8	4.2	56.5	-52.3
580+00.00	581+00.00	2.4	34.3	2.1	49.1	-47.0

STA FROM	TO STA	20200100 EARTH EXCAVATION	20201200 REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
I-55 NOISE WALL 5 (CONTINUED)						
581+00.00	582+00.00	0.0	19.4	0.0	9.3	-9.3
582+00.00	583+00.00	0.0	19.7	0.0	8.5	-8.5
583+00.00	584+00.00	0.1	19.6	0.1	7.7	-7.6
584+00.00	585+00.00	0.1	16.7	0.1	3.7	-3.5
585+00.00	586+00.00	0.0	16.7	0.0	4.9	-4.9
586+00.00	586+03.08	0.0	0.3	0.0	0.1	-0.1
586+03.08	END	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	134.1	3035.1	114.0	3224.8	-3110.9
	TOTAL	214.0	7201.4	181.9	8807.8	-8625.8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SCHEDULE OF QUANTITIES
II

SCALE: N.T.S. DRAWN BY AG
DATE 02/06/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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2-04-2009,M613266 SHAPIAJF S:\DOCUMENT\B236150\CIVIL\DGN\SC12140205.SHT

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)				TOTAL
					2454
LOCATION	FRONTAGE ROAD STATION	OFFSET	RT/LT	DIA.	Subtotals UNIT
Frontage Road 3 (East): Black Rd to Caton Farm Rd					
	325+81	21	LT	6	6
	325+95	21	LT	6	6
	326+17	25	LT	8	8
	326+24	25	LT	6	6
	326+50	23	LT	6	6
	326+68	28	LT	10	10
	326+71	23	LT	8	8
	331+08	34	LT	6	6
	331+33	30	LT	10	10
	332+31	28	LT	12	12
	332+47	26	LT	8	8
	332+53	27	LT	6	6
	332+58	26	LT	6	6
	332+74	28	LT	10	10
	332+78	22	LT	6	6
	332+84	21	LT	6	6
	332+86	22	LT	6	6
	332+86	21	LT	8	8
	332+87	24	LT	6	6
	332+88	21	LT	6	6
	332+95	22	LT	6	6
	333+13	25	LT	6	6
	333+25	23	LT	14	14
	333+25	22	LT	10	10
	333+34	23	LT	8	8
	333+37	30	LT	14	14
	333+50	23	LT	8	8
	333+53	23	LT	10	10
	339+63	19	LT	12	12
	339+88	24	LT	12	12
	342+74	19	LT	12	12
	342+76	23	LT	12	12
	343+77	22	LT	8	8
	343+77	24	LT	14	14
	344+30	21	LT	14	14
	344+51	26	LT	6	6
	344+52	22	LT	6	6
	344+77	22	LT	6	6
	344+80	20	LT	6	6
	344+92	19	LT	6	6
	345+65	23	LT	6	6
	345+88	29	LT	8	8
	346+05	22	LT	6	6
	346+18	25	LT	6	6
	346+20	21	LT	10	10
	346+28	21	LT	6	6
	346+44	24	LT	6	6
	346+57	24	LT	8	8
	346+57	19	LT	14	14
	346+60	19	LT	14	14
	347+24	19	LT	12	12
	347+31	19	LT	10	10
	347+76	20	LT	12	12
	348+20	32	LT	6	6
	348+52	20	LT	8	8
	348+94	20	LT	6	6
	349+42	19	LT	14	14
	349+66	19	LT	8	8
	349+75	20	LT	10	10
	349+77	20	LT	6	6
	349+78	25	LT	6	6
	349+78	27	LT	6	6
	349+83	20	LT	6	6
	349+86	21	LT	6	6
	349+88	18	LT	6	6
	349+92	21	LT	6	6
	349+94	19	LT	6	6
	349+94	33	LT	6	6
	350+04	33	LT	6	6
	350+22	20	LT	8	8
	350+26	23	LT	6	6
	350+38	23	LT	6	6
	350+47	22	LT	8	8
	350+49	27	LT	6	6
	350+56	19	LT	10	10
	350+59	23	LT	6	6
	350+67	20	LT	6	6

CONTINUED ON NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

	350+74	20	LT	10	10
	350+98	22	LT	6	6
	351+00	26	LT	6	6
	351+02	20	LT	6	6
	351+07	39	LT	6	6
	351+10	22	LT	6	6
	351+13	26	LT	6	6
	351+19	22	LT	6	6
	352+13	22	LT	6	6
	352+14	20	LT	6	6
	352+22	21	LT	6	6
	352+34	18	LT	6	6
	352+37	19	LT	6	6
	352+70	22	LT	6	6
	352+76	22	LT	10	10
	362+86	19	LT	6	6
	353+02	25	LT	6	6
	353+07	18	LT	6	6
	353+19	20	LT	6	6
	353+52	18	LT	6	6
	353+63	18	LT	6	6
	353+78	38	LT	6	6
	353+82	27	LT	12	12
	354+24	25	LT	6	6
	354+59	17	LT	14	14
	354+70	18	LT	12	12
	355+83	18	LT	6	6
	355+90	23	LT	6	6
	356+57	23	LT	12	12
	357+11	22	LT	8	8
	358+47	24	LT	12	12
	358+58	19	LT	10	10
	359+77	32	LT	8	8
	360+17	26	LT	10	10
	360+40	23	LT	6	6
	360+49	18	LT	10	10
	360+54	24	LT	12	12
	362+36	22	LT	12	12
	362+53	20	LT	6	6
	362+55	24	LT	6	6
	362+62	30	LT	6	6
	362+82	27	LT	6	6
	366+05	21	LT	12	12
	366+18	17	LT	6	6
	366+21	23	LT	6	6
	366+22	17	LT	6	6
	366+25	21	LT	6	6
	366+31	20	LT	6	6
	366+35	30	LT	6	6
	366+55	24	LT	8	8
	366+66	27	LT	6	6
	366+74	25	LT	12	12
	366+85	27	LT	6	6
	366+86	19	LT	10	10
	366+96	19	LT	6	6
	367+18	28	LT	6	6
	367+18	20	LT	8	8
	367+42	18	LT	12	12
	367+55	18	LT	10	10
	367+57	26	LT	6	6
	367+79	22	LT	8	8
	367+18	28	LT	6	6
	367+18	20	LT	8	8
	367+26	31	LT	8	8
	367+42	18	LT	12	12
	367+55	18	LT	10	10
	367+57	26	LT	6	6
	367+79	22	LT	8	8
	368+09	22	LT	12	12
	368+26	18	LT	8	8
	369+69	22	LT	8	8
	369+78	20	LT	10	10
	370+73	18	LT	10	10
	370+84	18	LT	6	6
	372+08	18	LT	12	12
	372+15	17	LT	6	6
	377+64	21	LT	12	12
	379+98	19	LT	6	6
	380+00	20	LT	8	8
	380+25	23	LT	6	6
	380+71	18	LT	10	10
	381+37	22	LT	6	6

CONTINUED ON NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

	381+40	23	LT	6	6
	381+47	19	LT	6	6
	381+54	19	LT	12	12
	381+85	22	LT	10	10
	382+09	22	LT	8	8
	382+14	35	LT	12	12
	382+17	36	LT	12	12
	382+28	20	LT	12	12
	382+60	24	LT	6	6
	383+13	21	LT	6	6
	383+47	20	LT	12	12
	383+75	21	LT	12	12
	384+56	19	LT	12	12
	384+85	18	LT	10	10
	384+92	27	LT	6	6
	385+72	19	LT	10	10
	386+46	19	LT	12	12
	386+86	24	LT	8	8
	387+22	19	LT	6	6
	387+98	24	LT	12	12
	388+01	19	LT	10	10
	389+81	20	LT	12	12
	390+61	20	LT	10	10
	395+68	21	LT	12	12
	397+14	20	LT	10	10
	400+82	21	LT	12	12
	403+27	24	LT	6	6
	403+31	23	LT	14	14
	403+47	20	LT	10	10
	404+25	19	LT	6	6
	404+37	25	LT	12	12
	404+44	20	LT	14	14
	404+57	21	LT	6	6
	404+74	22	LT	8	8
	404+86	23	LT	12	12
	404+96	25	LT	10	10
	405+28	26	LT	12	12
	405+53	24	LT	6	6
	405+71	24	LT	6	6
	405+75	22	LT	6	6
	405+80	28	LT	6	6
	405+89	29	LT	6	6
	405+93	24	LT	12	12
	406+50	24	LT	6	6
	406+51	27	LT	10	10
	406+52	23	LT	14	14
Frontage Road 4 (West): Sunnyland Drain to Caton Farm Rd					
	504+81	17	RT	10	10
	504+82	21	RT	8	8
	504+87	19	RT	10	10
	504+93	19	RT	6	6
	504+95	19	RT	8	8
	504+96	20	RT	8	8
	505+04	20	RT	6	6
	505+05	21	RT	6	6
	505+06	19	RT	12	12
	505+08	21	RT	8	8
	505+08	23	RT	10	10
	505+16	21	RT	6	6
	505+18	21	RT	8	8
	505+20	22	RT	6	6
	505+27	20	RT	8	8
	505+27	19	RT	8	8
	505+27	24	RT	6	6
	505+31	26	RT	8	8
	505+33	22	RT	6	6
	505+37	21	RT	6	6
	505+40	27	RT	8	8

CONTINUED ON NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

Frontage Road 5 (West): Caton Farm Rd to US30				
	517+88	24	RT	8	8
	525+47	19	RT	10	10
	526+29	29	RT	14	14
	530+13	22	RT	14	14
	533+49	26	RT	12	12
	537+35	27	RT	14	14
	544+49	25	RT	6	6
	544+51	20	RT	10	10
	544+66	25	RT	12	12
	544+77	20	RT	10	10
	544+85	19	RT	6	6
	545+25	28	RT	12	12
	545+53	21	RT	6	6
	545+79	31	RT	8	8
	546+00	23	RT	6	6
	546+01	26	RT	12	12
	547+28	25	RT	6	6
	547+29	23	RT	6	6
	550+07	25	RT	12	12
	551+01	29	RT	12	12
	551+42	23	RT	8	8
	551+50	20	RT	12	12
	551+77	18	RT	12	12
	551+78	26	RT	12	12
	552+85	20	RT	12	12
	554+21	27	RT	6	6
	556+97	25	RT	12	12
	557+19	19	RT	6	6
	557+37	18	RT	12	12
	558+50	24	RT	12	12
	559+32	19	RT	6	6
	559+51	23	RT	8	8
	559+71	23	RT	22	22
	560+19	21	RT	10	10
	560+23	19	RT	8	8
	560+51	20	RT	12	12
	560+52	25	RT	8	8
	560+53	23	RT	6	6
	560+53	23	RT	8	8
	560+55	22	RT	14	14
	560+57	23	RT	6	6
	561+30	19	RT	12	12
	562+68	24	RT	8	8
	562+80	20	RT	12	12
	562+85	21	RT	6	6
	563+13	20	RT	12	12
	563+21	24	RT	12	12
	563+88	23	RT	10	10
	564+16	21	RT	8	8
	564+25	20	RT	6	6
	564+30	21	RT	8	8
	564+35	22	RT	6	6
	564+54	18	RT	6	6
	564+69	22	RT	8	8
	564+72	19	RT	10	10
	564+77	18	RT	6	6
	567+96	23	RT	6	6
	567+98	23	RT	6	6
	568+01	23	RT	6	6
	573+96	19	RT	8	8
	575+50	19	RT	6	6
	584+10	83	RT	6	6
	584+77	87	RT	6	6
	585+49	110	RT	6	6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SCHEDULE OF QUANTITIES III

SCALE: N.T.S. DRAWN BY JFS
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = $USER$

n:\BDP96\B00LDGN..\SC121A07.DGN..\SC121A07.DGN..\SC121A07.DGN..\SC121A07.DGN
2-04-2009,10:03:21 S:\DOCUMENT\B236150\CIVIL\DGN\SC121A001.SHT
SHAPIAJF

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)			TOTAL 740
LOCATION	STATION	OFFSET	RT/LT	Subtotals UNIT
Frontage Road 3 (East): Black Rd to Caton Farm Rd				
	328+66.00	23	LT	20
	338+99.00	21	LT	16
	340+66.00	22	LT	22
	344+45.00	21	LT	16
	344+76.00	20	LT	16
	349+18.00	20	LT	16
	349+55.00	23	LT	16
	350+10.00	21	LT	18
	353+38.00	20	LT	20
	354+32.00	26	LT	18
	357+11.00	25	LT	16
	365+09.00	17	LT	16
	366+42.00	20	LT	32
	371+28.00	18	LT	16
	372+81.00	22	LT	16
	379+44.00	20	LT	28
	385+92.00	19	LT	16
	386+76.00	20	LT	16
	388+82.00	20	LT	18
	392+69.00	27	LT	16
	399+59.00	20	LT	18
	403+84.00	26	LT	16
	405+60.00	25	LT	18
	407+86.61	30	LT	20
Frontage Road 4 (West): Sunnyland Drain to Caton Farm Rd				
Frontage Road 5 (West): Caton Farm Rd to US30				
	540+82.00	41	RT	20
	540+96.00	25	RT	18
	542+64.00	23	RT	30
	543+58.60	21	RT	16
	545+99.00	21	RT	32
	551+19.00	22	RT	16
	553+25.00	21	RT	16
	554+30.00	35	RT	28
	554+89.00	24	RT	24
	557+24.00	23	RT	18
	559+71.00	23	RT	22
	562+32.00	21	RT	18
	563+99.00	26	RT	18
	580+05.00	22	RT	24

20800150	TRENCH BACKFILL				TOTAL 10
Location	Station				Subtotals CU YD
Wall 4	499+00				10.08

28000300	TEMPORARY DITCH CHECKS				TOTAL 53
LOCATION	STATION				Subtotals EACH
FRONTAGE ROAD 3					
	324+95.00				1
	327+00.00				1
	328+60.00				1
	332+60.00				1
	336+50.00				1
	342+50.00				1
	344+76.00				1
	346+48.00				1
	347+90.00				1
	357+30.00				1
	359+40.00				1
	360+25.00				1

CONTINUED ON NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

360+95.00		1
361+75.00		1
362+50.00		1
363+50.00		1
370+92.00		1
371+42.00		1
376+56.00		1
377+00.00		1
381+60.00		1
391+40.00		1
392+34.00		1
400+40.00		1
406+62.00		1
FRONTAGE ROAD 4		
492+27.00		1
500+04.00		1
506+11.00		1
507+70.00		1
FRONTAGE ROAD 5		
511+20.00		1
518+30.00		1
520+00.00		1
521+20.00		1
522+15.00		1
523+20.00		1
524+20.00		1
525+20.00		1
526+20.00		1
527+20.00		1
528+21.00		1
529+20.00		1
530+55.00		1
531+60.00		1
533+55.00		1
537+24.00		1
542+84.00		1
551+47.00		1
556+38.00		1
558+59.00		1
560+74.00		1
569+00.00		1
575+95.00		1
580+87.00		1

28100105	STONE RIPRAP, CLASS A3			TOTAL 777.5
LOCATION	STA	OFFSET		Subtotals SQ YD
FRONTAGE ROAD 3				
	325+05.00	31.1	LT	8.0
	327+16.00	30.2	LT	8.0
	328+84.00	31.1	LT	8.0
	330+57.00	30.1	LT	8.0
	332+08.00	27.8	LT	8.0
	333+36.00	27.8	LT	8.0
	334+65.00	29.9	LT	8.0
	335+94.00	29.7	LT	8.0
	337+19.00	29.5	LT	8.0
	338+34.00	28.6	LT	8.0
	339+68.00	28.4	LT	8.0
	342+11.00	29.8	LT	8.0
	344+51.00	31.6	LT	8.0
	346+66.00	33.4	LT	8.0
	348+73.00	35.6	LT	8.0
	350+01.00	33.8	LT	8.0
	352+99.00	33.1	LT	8.0
	355+57.00	33.1	LT	8.0
	356+86.00	35.6	LT	8.0
	358+14.00	33.5	LT	8.0
	359+86.00	34.4	LT	8.0
	361+93.00	31.3	LT	8.0
	365+51.00	23	LT	8.0
	366+78.00	23	LT	8.0
	368+70.00	24.4	LT	8.0
	370+71.00	25	LT	8.0
	371+78.00	24.7	LT	8.0
	373+28.00	24.7	LT	8.0

CONTINUED ON NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

374+78.00	25.6	LT	8.0
376+28.00	27.4	LT	8.0
377+78.00	26.1	LT	8.0
378+78.00	25.8	LT	8.0
379+78.00	24	LT	8.0
380+95.00	24.3	LT	8.0
382+24.00	25	LT	8.0
383+53.00	25.6	LT	8.0
384+81.00	24.6	LT	8.0
386+10.00	22.7	LT	8.0
387+39.00	23	LT	8.0
388+68.00	23.3	LT	8.0
389+96.00	23.9	LT	8.0
391+24.00	25.5	LT	8.0
392+51.00	26.2	LT	8.0
395+49.00	24	LT	8.0
396+78.00	26.3	LT	8.0
398+07.00	26.2	LT	8.0
399+36.00	26	LT	8.0
400+65.00	22.7	LT	8.0
401+93.00	24.4	LT	8.0
403+21.00	25	LT	8.0
404+49.00	24.5	LT	8.0
FRONTAGE ROAD 4			
492+82.00	20.6	RT	8.0
494+01.00	20.9	RT	8.0
495+10.00	20.5	RT	8.0
496+19.00	20.7	RT	8.0
497+28.00	20.6	RT	8.0
498+45.00	21.1	RT	8.0
499+00.00	27	LT	17.5
499+57.00	21.1	RT	8.0
500+67.00	21.2	RT	8.0
501+82.00	21.3	RT	8.0
502+92.00	20.6	RT	8.0
504+32.00	19.3	RT	8.0
505+07.00	20.6	RT	8.0
FRONTAGE ROAD 5			
513+78.00	21	RT	8.0
515+60.00	21.3	RT	8.0
516+41.00	19.6	RT	8.0
519+28.00	20.6	RT	8.0
522+35.00	21.6	RT	8.0
524+81.00	23.7	RT	8.0
527+98.00	29.3	RT	8.0
531+16.00	35.7	RT	8.0
534+63.00	24.9	RT	8.0
536+92.00	24.4	RT	8.0
538+79.00	24.1	RT	8.0
540+66.00	23.9	RT	8.0
542+52.00	24.2	RT	8.0
544+39.00	24.2	RT	8.0
546+26.00	23.8	RT	8.0
551+74.00	25	RT	8.0
554+03.00	24.1	RT	8.0
556+18.00	24.3	RT	8.0
557+66.00	22.6	RT	8.0
559+65.00	24.4	RT	8.0
562+70.00	22.4	RT	8.0
564+44.00	22.4	RT	8.0
566+18.00	21.8	RT	8.0
568+00.00	22.4	RT	8.0
569+36.00	22	RT	8.0
570+61.00	21.6	RT	8.0
570+84.30	21.8	RT	8.0
571+36.00	21.7	RT	8.0
572+36.00	22.6	RT	8.0
573+86.00	23.6	RT	8.0
574+95.00	23.6	RT	8.0
575+11.00	24	RT	8.0

31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"					TOTAL 1483
FROM STA	TO STA	LENGTH (FT)	AVG WIDTH (FT)			Subtotals SQ YD
FRONTAGE RD 3 / NOISE WALL 3						
390+61.00	390+71.31	10.31	5.28			6.05

CONTINUED ON NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

390+71.31	391+48.93	77.62	5.58	48.12
391+48.93	391+78.00	29.07	3.83	12.37
392+01.10	392+30.68	29.58	3.78	12.42
392+30.68	393+08.58	77.90	5.58	48.30
393+08.58	393+27.41	18.83	5.03	10.52
FRONTAGE RD 5 / NOISE WALL 5				
525+31.74	526+32.00	100.26	1.745	19.44
526+32.00	532+00.00	568.00	3.39	213.95
532+00.00	547+00.00	1500.00	3.025	504.17
547+00.00	562+00.00	1500.00	2.805	467.50
562+00.00	565+87.00	387.00	2.89	124.27
565+87.00	566+87.21	100.21	1.465	16.31

44000500	COMBINATION CURB AND GUTTER REMOVAL		TOTAL 924
LOCATION	STA	DESCRIPTION	Subtotals FOOT
FRONTAGE ROAD 3			
	325+05.00	AT NEW CATCH BASIN	12
	327+16.00	AT NEW CATCH BASIN	12
	328+84.00	AT NEW CATCH BASIN	12
	330+57.00	AT NEW CATCH BASIN	12
	332+08.00	AT NEW CATCH BASIN	12
	333+36.00	AT NEW CATCH BASIN	12
	334+65.00	AT NEW CATCH BASIN	12
	335+94.00	AT NEW CATCH BASIN	12
	337+19.00	AT NEW CATCH BASIN	12
	338+34.00	AT NEW CATCH BASIN	12
	339+68.00	AT NEW CATCH BASIN	12
	342+11.00	AT NEW CATCH BASIN	12
	344+51.00	AT NEW CATCH BASIN	12
	346+66.00	AT NEW CATCH BASIN	12
	348+73.00	AT NEW CATCH BASIN	12
	350+01.00	AT NEW CATCH BASIN	12
	352+99.00	AT NEW CATCH BASIN	12
	355+57.00	AT NEW CATCH BASIN	12
	356+86.00	AT NEW CATCH BASIN	12
	358+14.00	AT NEW CATCH BASIN	12
	359+86.00	AT NEW CATCH BASIN	12
	361+93.00	AT NEW CATCH BASIN	12
	365+51.00	AT NEW CATCH BASIN	12
	366+78.00	AT NEW CATCH BASIN	12
	368+70.00	AT NEW CATCH BASIN	12
	370+71.00	AT NEW CATCH BASIN	12
	371+78.00	AT NEW CATCH BASIN	12
	373+28.00	AT NEW CATCH BASIN	12
	374+78.00	AT NEW CATCH BASIN	12
	376+28.00	AT NEW CATCH BASIN	12
	377+78.00	AT NEW CATCH BASIN	12
	378+78.00	AT NEW CATCH BASIN	12
	379+78.00	AT NEW CATCH BASIN	12
	380+95.00	AT NEW CATCH BASIN	12
	382+24.00	AT NEW CATCH BASIN	12
	383+53.00	AT NEW CATCH BASIN	12
	384+81.00	AT NEW CATCH BASIN	12
	386+10.00	AT NEW CATCH BASIN	12
	387+39.00	AT NEW CATCH BASIN	12
	388+68.00	AT NEW CATCH BASIN	12
	389+96.00	AT NEW CATCH BASIN	12
	395+49.00	AT NEW CATCH BASIN	12
	396+78.00	AT NEW CATCH BASIN	12
	398+07.00	AT NEW CATCH BASIN	12
	399+36.00	AT NEW CATCH BASIN	12
	400+65.00	AT NEW CATCH BASIN	12

CONTINUED ON NEXT SHEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SCHEDULE OF QUANTITIES IV

SCALE: N.T.S. DRAWN BY JFS
DATE 04/21/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
PLOT TIME = $TIME$
PLOT SCALE = $SCALE$
USER NAME = $USER$
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTINUED FROM PREVIOUS SHEET

44000500 COMBINATION CURB AND GUTTER REMOVAL — TOTAL 924

LOCATION	STA	DESCRIPTION	Subtotals FOOT
FRONTAGE ROAD 3			
	401+93.00	AT NEW CATCH BASIN	12
	403+21.00	AT NEW CATCH BASIN	12
	404+49.00	AT NEW CATCH BASIN	12
FRONTAGE ROAD 4			
	492+82.00	AT NEW CATCH BASIN	12
	494+01.00	AT NEW CATCH BASIN	12
	495+10.00	AT NEW CATCH BASIN	12
	495+82.60	AT EX CURB CUT	5
	496+19.00	AT NEW CATCH BASIN	12
	497+28.00	AT NEW CATCH BASIN	12
	498+45.00	AT NEW CATCH BASIN	12
	499+00.00	AT CULVERT CROSSING	10
	499+57.00	AT NEW CATCH BASIN	12
	500+67.00	AT NEW CATCH BASIN	12
	501+82.00	AT NEW CATCH BASIN	12
	502+92.00	AT NEW CATCH BASIN	12
	504+32.00	AT NEW CATCH BASIN	12
	505+07.00	AT NEW CATCH BASIN	12
FRONTAGE ROAD 5			
	513+78.00	AT NEW CATCH BASIN	12
	515+60.00	AT NEW CATCH BASIN	12
	516+41.00	AT NEW CATCH BASIN	12
	519+28.00	AT NEW CATCH BASIN	12
	522+35.00	AT NEW CATCH BASIN	12
	524+81.00	AT NEW CATCH BASIN	12
	567+06.30	AT EX CURB CUT	5
	568+00.00	AT NEW CATCH BASIN	12
	569+36.00	AT NEW CATCH BASIN	12
	570+61.00	AT NEW CATCH BASIN	12
	571+36.00	AT NEW CATCH BASIN	12
	572+36.00	AT NEW CATCH BASIN	12
	573+86.00	AT NEW CATCH BASIN	12
	575+11.00	AT CULVERT CROSSING AND NEW CATCH BASIN	28

48203012 HOT-MIX ASPHALT SHOULDERS, 3 3/4" — TOTAL 1483

FROM STA	TO STA	LENGTH (FT)	AVG WIDTH (FT)	Subtotals SQ YD
FRONTAGE RD 3 / NOISE WALL 3				
390+61.00	390+71.31	10.31	5.28	6.05
390+71.31	391+48.93	77.62	5.58	48.12
391+48.93	391+78.00	29.07	3.83	12.37
392+01.10	392+30.68	29.58	3.78	12.42
392+30.68	393+08.58	77.90	5.58	48.30
393+08.58	393+27.41	18.83	5.03	10.52
FRONTAGE RD 5 / NOISE WALL 5				
525+31.74	526+32.00	100.26	1.745	19.44
526+32.00	532+00.00	568.00	3.39	213.95
532+00.00	547+00.00	1500.00	3.025	504.17
547+00.00	562+00.00	1500.00	2.805	467.50
562+00.00	565+87.00	387.00	2.89	124.27
565+87.00	566+87.21	100.21	1.465	16.31

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 — TOTAL 4976.5

FROM/ AT STA	TO STA	Subtotals FOOT
FRONTAGE ROAD 5		
525+31.74	526+32.00	100.36
526+32.00	556+16.22	2984.22
556+16.22	565+87.00	970.78
565+87.00	566+87.21	100.22
FRONTAGE ROAD 3		
325+05.00		12.0
327+16.00		12.0
328+84.00		12.0
330+57.00		12.0
332+08.00		12.0
333+36.00		12.0

CONTINUED ON NEXT COLUMN

CONTINUED FROM PREVIOUS COLUMN

334+65.00	12.0
335+94.00	12.0
337+19.00	12.0
338+34.00	12.0
339+68.00	12.0
342+11.00	12.0
344+51.00	12.0
346+66.00	12.0
348+73.00	12.0
350+01.00	12.0
352+99.00	12.0
355+57.00	12.0
356+86.00	12.0
358+14.00	12.0
359+86.00	12.0
361+93.00	12.0
365+51.00	12.0
366+78.00	12.0
368+70.00	12.0
370+71.00	12.0
371+78.00	12.0
373+28.00	12.0
374+78.00	12.0
376+28.00	12.0
377+78.00	12.0
378+78.00	12.0
379+78.00	12.0
380+95.00	12.0
382+24.00	12.0
383+53.00	12.0
384+81.00	12.0
386+10.00	12.0
387+39.00	12.0
388+68.00	12.0
389+96.00	12.0
395+49.00	12.0
396+78.00	12.0
398+07.00	12.0
399+36.00	12.0
400+65.00	12.0
401+93.00	12.0
403+21.00	12.0
404+49.00	12.0
FRONTAGE ROAD 4	
492+82.00	12.0
494+01.00	12.0
495+10.00	12.0
495+82.00	5.0
496+19.00	12.0
497+28.00	12.0
498+45.00	12.0
499+00.00	12.0
499+57.00	12.0
500+67.00	12.0
501+82.00	12.0
502+92.00	12.0
504+32.00	12.0
505+07.00	12.0
FRONTAGE ROAD 5	
513+78.00	12.0
515+60.00	12.0
516+41.00	12.0
519+28.00	12.0
522+35.00	12.0
524+81.00	12.0

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 — TOTAL 470

FROM STA	TO STA	Subtotals FOOT
FRONTAGE ROAD 5		
REPLACE C&G		
567+06.30		5
568+00.00		12
569+36.00		12
570+61.00		12
571+36.00		12
572+36.00		12
573+86.00		12
574+89.00		28
NEW C&G		
576+35.00	576+45.44	10.44
576+45.44	578+01.57	156.13
578+01.57	580+00.00	198.43

63200310 GUARDRAIL REMOVAL — TOTAL 179

LOCATION	FROM STA	TO STA	Subtotals FOOT
FRONTAGE ROAD 3			
	330+69.66	331+09.97	40.3
	351+73.61	352+00.00	26.4
	355+45.97	355+74.27	28.3
	366+98.94	367+52.68	53.7
	386+45.86	386+76.01	30.2

63302700 REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 6 — TOTAL 2

LOCATION	FROM STA	Subtotals EACH
Frontage Road 3 @ Sunnyland Drain, South End	391+81	1
Frontage Road 3 @ Sunnyland Drain, North End	391+98	1

66400105 CHAIN LINK FENCE, 4' — TOTAL 266

LOCATION	FROM STA	OFFSET	TO STA	OFFSET	Subtotals FOOT
FRONTAGE ROAD 3	406+60.38	-18.00	406+60.38	-36.60	18.6
FRONTAGE ROAD 5	511+50.00	16.00	511+50.00	36.27	20.3
FRONTAGE ROAD 5	580+00.00	18.00	580+00.00	25.18	7.2
FRONTAGE ROAD 5	580+00.00	18.00	582+20.00	18.00	220.0

66410300 CHAIN LINK FENCE REMOVAL — TOTAL 11972

LOCATION	FROM STA	TO STA	Subtotals FOOT
FRONTAGE ROAD 3	357+58.00	406+60.00	4902.0
FRONTAGE ROAD 5	511+50.00	582+20.00	7070.0

66500105 WOVEN WIRE FENCE, 4' — TOTAL 180

LOCATION	FROM STA	OFFSET	TO STA	OFFSET	Subtotals FOOT
FRONTAGE ROAD 3	323+70.00	-19.50	325+00.00	-18.00	130.0
FRONTAGE ROAD 4	492+01.50	17.90	492+35.00	16.50	33.5
FRONTAGE ROAD 4	505+80.00	16.50	505+80.00	32.76	16.3

66502300 WOVEN WIRE FENCE REMOVAL — TOTAL 4767

LOCATION	FROM STA	TO STA	Subtotals FOOT
FRONTAGE ROAD 3	323+70.00	357+58.00	3388.0
FRONTAGE ROAD 4	492+01.50	505+80.00	1378.5

70400100 TEMPORARY CONCRETE BARRIER — TOTAL 237.5

LOCATION	FROM STA	TO STA	Subtotals FOOT
FRONTAGE ROAD 3 @ SUNNYLAND DRAIN	390+76.00	393+12.50	236.5

Checked:
Date:

X0301423 NOISE ABATEMENT WALL, GROUND MOUNTED — TOTAL 282390

FROM STA	TO STA	LENGTH FT	Subtotals SQ FT
FRONTAGE RD 3 / NOISE WALL 3			
324+70.00	327+00.00	230.00	3029
327+00.00	342+00.00	1500.00	23361
342+00.00	357+00.00	1500.00	17620
357+00.00	372+00.00	1500.00	21693
372+00.00	387+00.00	1500.00	22999
387+00.00	389+71.30	271.30	3341
389+71.30	390+71.31	100.01	1284
390+71.31	391+64.74	93.43	1275
392+14.74	393+08.58	93.84	1247
393+08.58	394+08.58	100.00	1247
394+08.58	402+00.00	791.42	6670
402+00.00	405+90.09	390.09	3213
405+90.09	407+29.08	138.99	1223
407+29.08	408+00.00	70.92	707
FRONTAGE RD 4 / NOISE WALL 4			
492+35.00	493+29.52	94.52	1251
493+29.52	502+00.00	870.48	14026
502+00.00	504+75.90	275.90	4489
504+75.90	506+90.51	214.61	3651
506+90.51	508+50.00	159.49	2458
FRONTAGE RD 5 / NOISE WALL 5			
510+00.00	512+61.67	261.67	4852
512+61.67	517+00.00	438.33	9170
517+00.00	518+00.00	100.00	2084
518+00.00	519+00.00	100.00	2003
519+00.00	525+31.74	631.74	12667
525+31.74	526+32.00	100.26	2007
526+32.00	532+00.00	568.00	11297
532+00.00	547+00.00	1500.00	29533
547+00.00	556+16.22	916.22	18202
556+16.22	562+00.00	583.78	11753
562+00.00	565+87.00	387.00	7837
565+87.00	566+87.21	100.21	1985
566+87.21	575+51.95	864.74	16893
575+51.95	577+00.00	148.05	2974
577+00.00	586+00.00	900.00	14349
TOTAL WALL LENGTH =		17495.00	17598.25

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SCHEDULE OF QUANTITIES V

SCALE: N.T.S. DRAWN BY JFS
DATE 04/21/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

X0322939	RELOCATE EXISTING FLARED END SECTION				TOTAL 2
LOCATION	EX STA	EX OFFSET	NEW STA	NEW OFFSET	Subtotals EACH
Noise Wall 5	557+66.00	19.1' RT	557+66.00	22.6' RT	1
Noise Wall 5	570+84.30	18.8' RT	570+84.30	21.8' RT	1

X6330190	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL		TOTAL 2
LOCATION	FROM STA		Subtotals EACH
FRONTAGE ROAD 3 @ SUNNYLAND DRAIN, NORTH END	390+71		1
FRONTAGE ROAD 3 @ SUNNYLAND DRAIN, SOUTH END	393+08		1
	Checked:		

Z0030240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2		TOTAL 2
LOCATION	STA		Subtotals EACH
FRONTAGE ROAD 3 - SUNNYLAND DRAIN	390+76.00		1
FRONTAGE ROAD 3 - SUNNYLAND DRAIN	393+12.50		1

X0323973	SEDIMENT CONTROL, SILT FENCE			TOTAL 1511
LOCATION	FROM STA	TO STA		Subtotals FOOT
Wall 3				
	406+85.00	408+10.00		125.00
Wall 4				
	506+19.00	507+54.00		135.00
	507+54.00	507+54.00		45.00
Wall 5				
	509+89.00	510+72.00		83.00
	510+72.00	510+78.00		28.00
	580+40.00	586+06.00		566.00
	580+89.00	586+18.00		529.00

XX006367	INLET AND OUTLET PROTECTION			TOTAL 13
STATION	OFFSET	DIR.		Subtotals EACH
NOISE WALL 3				
331+80.00	24.83	LT		1
371+20.00	21.43	LT		1
371+18.00	35.28	LT		1
376+77.00	26.28	LT		1
376+77.00	31.01	LT		1
406+79.00	25.59	LT		1
NOISE WALL 4				
499+00.00	25.6	RT		1
NOISE WALL 5				
510+99.00	29.82	RT		1
525+03.00	27.33	RT		1
557+66.00	22.43	RT		1
557+66.00	32.48	RT		1
570+84.00	25.47	RT		1
574+95.00	23.77	RT		1

X0324013	NOISE ABATEMENT WALL, STRUCTURE MOUNTED				TOTAL 505
LOCATION	FROM STA	TO STA	LENGTH FT		Subtotals SQ FT
FRONTAGE RD 3 / NOISE WALL 3 @ SUNNYLAND DRAIN					
	391+64.74	392+14.74	50.00		505

XX007763	TEMPORARY FENCE (SPECIAL)				TOTAL 17364
LOCATION	FROM STA	TO STA			Subtotals FOOT
FRONTAGE ROAD 3	323+70.00				15.0
FRONTAGE ROAD 3	323+70.00	406+60.00			8290.0
FRONTAGE ROAD 3	405+60.00				15.0
FRONTAGE ROAD 4	492+01.50	505+80.00			1378.5
FRONTAGE ROAD 4	505+80.00				15.0
FRONTAGE ROAD 5	511+50.00	586+50.00			7,500.0
FRONTAGE ROAD 5	586+50.00				150.0

X6050700	REMOVE INLET BOX				TOTAL 1
LOCATION	STA	OFFSET			Subtotals EACH
Noise Wall 5	574+95.00	15.5' RT			1

LANDSCAPING SCHEDULE OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	TOTAL	I-55 NORTHBOUND: I-80 TO US 52	I-55 NORTHBOUND: US 52 TO BLACK RD	I-55 NORTHBOUND: BLACK RD TO CATON FARM RD	I-55 NORTHBOUND: CATON FARM TO US 30	I-55 SOUTHBOUND: US 30 TO CATON FARM RD	I-55 SOUTHBOUND: CATON FARM TO BLACK RD	I-55 SOUTHBOUND: BLACK RD TO US 52	I-55 SOUTHBOUND: US 52 TO I-80	GENERAL
20101100	TREE TRUNK PROTECTION	EACH	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
20101200	TREE ROOT PRUNING	EACH	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00
A2000114	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	17.00	0.00	0.00	0.00	5.00	0.00	12.00	0.00	0.00	0.00
A2002374	TREE, BETULA NIGRA (RIVER BIRCH), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	10.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00
A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	40.00	0.00	15.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00
A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	15.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	15.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	5.00	0.00
A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	60.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	30.00	0.00
A2007064	TREE, MALUS PRAIRIE ROSE (PRAIRIE ROSE CRABAPPLE), 1-1/2" CALIPER, LOW-BRANCHED, BALLED AND BURLAPPED	EACH	15.00	10.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00
B2001664	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	30.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C2C06024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC). 2' HEIGHT, CONTAINER	EACH	80.00	0.00	0.00	20.00	20.00	40.00	0.00	0.00	0.00	0.00
D2001560	EVERGREEN, JUNIPERUS VIRGINIANA (EASTERN RED CEDAR), 5' HEIGHT, BALLED AND BURLAPPED	EACH	150.00	60.00	0.00	20.00	10.00	50.00	10.00	0.00	0.00	0.00
D2002160	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	10.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00
K0036120	MULCH PLACEMENT 4"	SQ YD	160.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.00
X2010300	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.00
Z0064800	SELECTIVE CLEARING	UNIT	90.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	0.00	0.00

NOTE:
EXACT LOCATIONS OF LANDSCAPING ITEMS NOT SHOWN ON THE PLANS WILL BE AS DIRECTED BY STEVE LIPKIE OF IDOT LANDSCAPING UNIT. SEE GENERAL NOTES.
SEE SUMMARY OF QUANTITIES FOR LANDSCAPING ITEMS NOT SHOWN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SCHEDULE OF QUANTITIES VI

SCALE: N.T.S. DRAWN BY JFS
DATE 04/21/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
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PLOT SCALE = $SCALE$
USER NAME = $USER$

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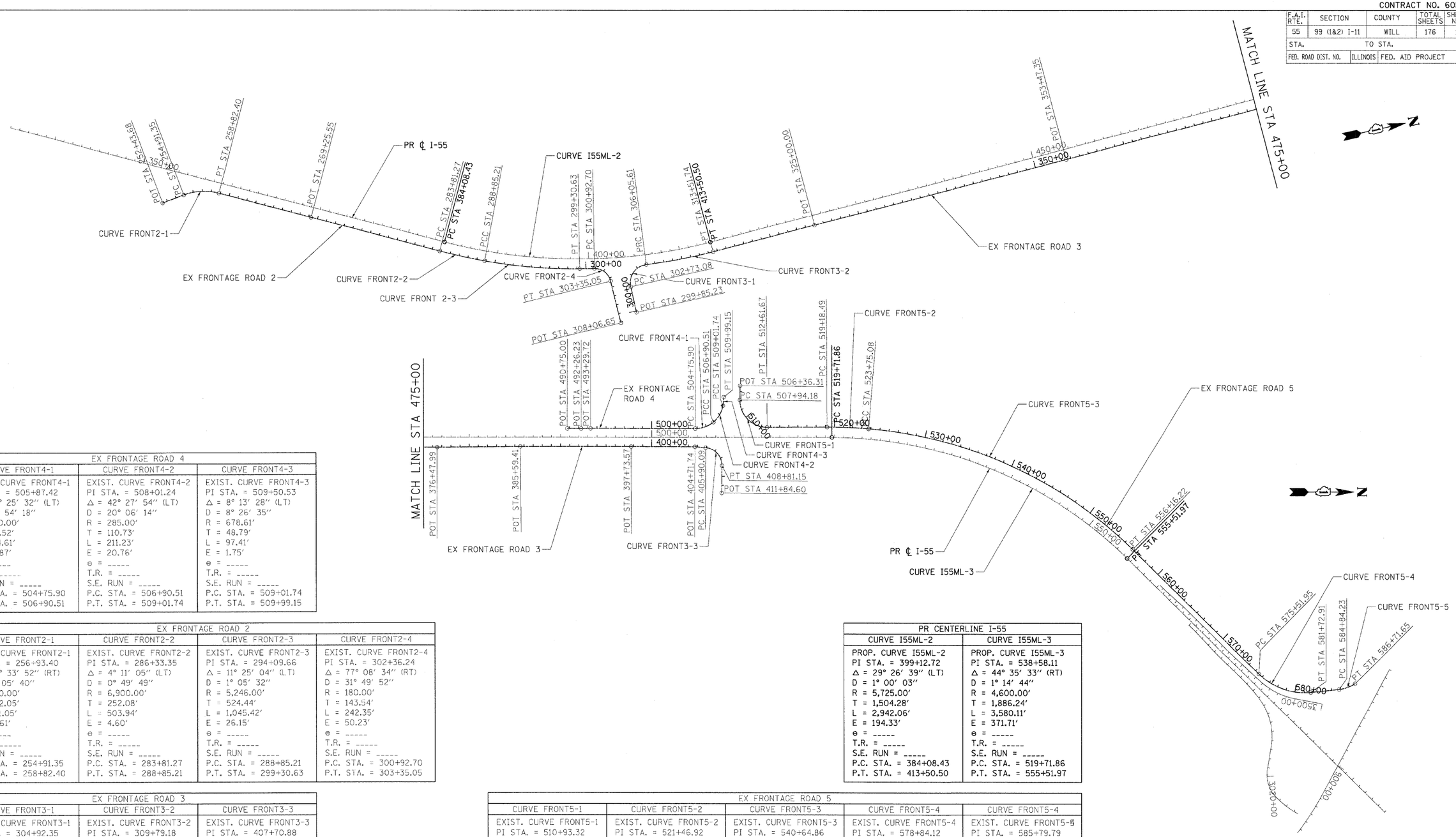
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EX FRONTAGE ROAD 4		
CURVE FRONT4-1	CURVE FRONT4-2	CURVE FRONT4-3
EXIST. CURVE FRONT4-1	EXIST. CURVE FRONT4-2	EXIST. CURVE FRONT4-3
PI STA. = 505+87.42	PI STA. = 508+01.24	PI STA. = 509+50.53
Δ = 38° 25′ 32″ (LT)	Δ = 42° 27′ 54″ (LT)	Δ = 8° 13′ 28″ (LT)
D = 17° 54′ 18″	D = 20° 06′ 14″	D = 8° 26′ 35″
R = 320.00′	R = 285.00′	R = 678.61′
T = 111.52′	T = 110.73′	T = 48.79′
L = 214.61′	L = 211.23′	L = 97.41′
E = 18.87′	E = 20.76′	E = 1.75′
Θ = -----	Θ = -----	Θ = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 504+75.90	P.C. STA. = 506+90.51	P.C. STA. = 509+01.74
P.T. STA. = 506+90.51	P.T. STA. = 509+01.74	P.T. STA. = 509+99.15

EX FRONTAGE ROAD 2			
CURVE FRONT2-1	CURVE FRONT2-2	CURVE FRONT2-3	CURVE FRONT2-4
EXIST. CURVE FRONT2-1	EXIST. CURVE FRONT2-2	EXIST. CURVE FRONT2-3	EXIST. CURVE FRONT2-4
PI STA. = 256+93.40	PI STA. = 286+33.35	PI STA. = 294+09.66	PI STA. = 302+36.24
Δ = 35° 33′ 52″ (RT)	Δ = 4° 11′ 05″ (LT)	Δ = 11° 25′ 04″ (LT)	Δ = 77° 08′ 34″ (RT)
D = 9° 05′ 40″	D = 0° 49′ 49″	D = 1° 05′ 32″	D = 31° 49′ 52″
R = 630.00′	R = 6,900.00′	R = 5,246.00′	R = 180.00′
T = 202.05′	T = 252.08′	T = 524.44′	T = 143.54′
L = 391.05′	L = 503.94′	L = 1,045.42′	L = 242.35′
E = 31.61′	E = 4.60′	E = 26.15′	E = 50.23′
Θ = -----	Θ = -----	Θ = -----	Θ = -----
T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 254+91.35	P.C. STA. = 283+81.27	P.C. STA. = 288+85.21	P.C. STA. = 300+92.70
P.T. STA. = 258+82.40	P.T. STA. = 288+85.21	P.T. STA. = 299+30.63	P.T. STA. = 303+35.05

EX FRONTAGE ROAD 3		
CURVE FRONT3-1	CURVE FRONT3-2	CURVE FRONT3-3
EXIST. CURVE FRONT3-1	EXIST. CURVE FRONT3-2	EXIST. CURVE FRONT3-3
PI STA. = 304+92.35	PI STA. = 309+79.18	PI STA. = 407+70.88
Δ = 95° 15′ 45″ (RT)	Δ = 7° 19′ 35″ (LT)	Δ = 85° 57′ 50″ (RT)
D = 28° 38′ 52″	D = 0° 58′ 55″	D = 29° 32′ 02″
R = 200.00′	R = 5,835.00′	R = 194.00′
T = 219.27′	T = 373.57′	T = 180.79′
L = 332.53′	L = 746.12′	L = 291.07′
E = 96.78′	E = 11.95′	E = 71.18′
Θ = -----	Θ = -----	Θ = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 302+73.08	P.C. STA. = 306+05.61	P.C. STA. = 405+90.09
P.T. STA. = 306+05.61	P.T. STA. = 313+51.74	P.T. STA. = 408+81.15

PR CENTERLINE I-55	
CURVE I55ML-2	CURVE I55ML-3
PROP. CURVE I55ML-2	PROP. CURVE I55ML-3
PI STA. = 399+12.72	PI STA. = 538+58.11
Δ = 29° 26′ 39″ (LT)	Δ = 44° 35′ 33″ (RT)
D = 1° 00′ 03″	D = 1° 14′ 44″
R = 5,725.00′	R = 4,600.00′
T = 1,504.28′	T = 1,886.24′
L = 2,942.06′	L = 3,580.11′
E = 194.33′	E = 371.71′
Θ = -----	Θ = -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 384+08.43	P.C. STA. = 519+71.86
P.T. STA. = 413+50.50	P.T. STA. = 555+51.97

EX FRONTAGE ROAD 5				
CURVE FRONT5-1	CURVE FRONT5-2	CURVE FRONT5-3	CURVE FRONT5-4	CURVE FRONT5-4
EXIST. CURVE FRONT5-1	EXIST. CURVE FRONT5-2	EXIST. CURVE FRONT5-3	EXIST. CURVE FRONT5-4	EXIST. CURVE FRONT5-5
PI STA. = 510+93.32	PI STA. = 521+46.92	PI STA. = 540+64.86	PI STA. = 578+84.12	PI STA. = 585+79.79
Δ = 90° 47′ 52″ (LT)	Δ = 4° 52′ 01″ (RT)	Δ = 40° 00′ 18″ (RT)	Δ = 50° 23′ 38″ (LT)	Δ = 27° 32′ 02″ (LT)
D = 19° 25′ 20″	D = 1° 03′ 57″	D = 1° 14′ 03″	D = 8° 06′ 56″	D = 14° 41′ 28″
R = 295.00′	R = 5,375.00′	R = 4,642.00′	R = 706.00′	R = 390.00′
T = 299.14′	T = 228.43′	T = 1,689.79′	T = 332.17′	T = 95.55′
L = 467.49′	L = 456.59′	L = 3,241.14′	L = 620.96′	L = 187.42′
E = 125.13′	E = 4.85′	E = 297.99′	E = 74.24′	E = 11.54′
Θ = -----	Θ = -----	Θ = -----	Θ = -----	Θ = -----
T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA. = 507+94.18	P.C. STA. = 519+18.49	P.C. STA. = 523+75.08	P.C. STA. = 575+51.95	P.C. STA. = 584+84.23
P.T. STA. = 512+61.67	P.T. STA. = 523+75.08	P.T. STA. = 556+16.22	P.T. STA. = 581+72.91	P.T. STA. = 586+71.65

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ALIGNMENT, TIES AND BENCHMARKS
I

SCALE: 1″=500′ DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

COORDINATES

PR ℄ I-55				
DESCRIPTION	NORTHING	EASTING	STATION	OFFSET
P.C. C MLI55-2	1,771,871.139	1,025,650.280	384+08.43	0.00 FT
P.I. C MLI55-2	1,773,206.496	1,026,342.879	399+12.72	194.33 FT
P.T. C MLI55-2	1,774,709.836	1,026,289.590	413+50.50	0.00 FT
P.C. C MLI55-3	1,785,324.534	1,025,913.333	519+71.86	0.00 FT
P.I. C MLI55-3	1,787,209.594	1,025,846.513	538+58.11	-371.71 FT
P.T. C MLI55-3	1,788,598.891	1,027,122.354	555+51.97	0.00 FT
EX FRONTAGE ROAD 2				
P.O.T. FRONT2	1,768,954.076	1,024,553.760	253+43.68	0.00 FT
P.C. C FRONT2-1	1,769,199.300	1,024,519.038	254+91.35	0.00 FT
P.I. C FRONT2-1	1,769,399.360	1,024,490.711	256+93.40	-31.61 FT
P.T. C FRONT2-1	1,769,578.576	1,024,584.026	258+82.40	0.00 FT
P.O.T. FRONT2	1,770,503.816	1,025,065.783	269+25.55	0.00 FT
P.C. C FRONT2-2	1,771,796.432	1,025,735.314	283+81.27	0.00 FT
P.I. C FRONT2-2	1,772,020.271	1,025,851.255	286+33.35	4.60 FT
P.C.C. C FRONT2-3	1,772,251.974	1,025,950.554	288+85.21	0.00 FT
P.I. C FRONT2-3	1,772,734.016	1,026,157.137	294+09.66	26.15 FT
P.T. C FRONT2-3	1,773,247.415	1,026,264.207	299+30.63	0.00 FT
P.C. C FRONT2-4	1,773,406.073	1,026,297.295	300+92.70	0.00 FT
P.I. C FRONT2-4	1,773,546.594	1,026,326.601	302+36.24	-50.23 FT
P.T. C FRONT2-4	1,773,549.293	1,026,470.120	303+35.05	0.00 FT
P.O.T. FRONT2	1,773,558.158	1,026,941.642	308+06.65	0.00 FT
EX FRONTAGE ROAD 3				
P.O.T. FRONT3	1,773,751.126	1,026,865.317	299+85.23	0.00 FT
P.C. C FRONT3-1	1,773,751.235	1,026,577.460	302+73.08	0.00 FT
P.I. C FRONT3-1	1,773,751.319	1,026,358.193	304+92.35	-96.78 FT
P.C.C. C FRONT3-2	1,773,969.654	1,026,378.386	306+05.61	0.00 FT
P.I. C FRONT3-2	1,774,341.637	1,026,412.790	309+79.18	11.95 FT
P.T. C FRONT3-2	1,774,714.971	1,026,399.477	313+51.74	0.00 FT
P.O.T. FRONT3	1,775,862.505	1,026,358.557	325+00.00	0.00 FT
P.O.T. FRONT3	1,778,708.114	1,026,258.987	353+47.35	0.00 FT
P.O.T. FRONT3	1,781,007.291	1,026,176.985	376+47.99	0.00 FT
P.O.T. FRONT3	1,781,917.850	1,026,137.329	385+59.41	0.00 FT
P.O.T. FRONT3	1,783,131.221	1,026,093.538	397+73.57	0.00 FT
P.O.T. FRONT3	1,783,829.031	1,026,071.289	404+71.74	0.00 FT
P.C. C FRONT3-3	1,783,947.259	1,026,076.653	405+90.09	0.00 FT
P.I. C FRONT3-3	1,784,127.866	1,026,084.846	407+70.88	-71.18 FT
P.T. C FRONT3-3	1,784,132.406	1,026,265.582	408+81.15	0.00 FT
P.O.T. FRONT3	1,784,140.025	1,026,568.932	411+84.60	0.00 FT
EX FRONTAGE ROAD 4				
P.O.T FRONT43	1,782,425.810	1,025,922.854	490+75.00	0.00 FT
P.O.T FRONT44	1,782,576.957	1,025,917.688	492+26.23	0.00 FT
P.O.T FRONT45	1,782,680.270	1,025,911.662	493+29.72	0.00 FT
P.C. C FRONT4-1	1,783,825.786	1,025,872.655	504+75.90	0.00 FT
P.I. C FRONT4-1	1,783,937.237	1,025,868.860	505+87.42	18.87 FT
P.C.C. C FRONT4-2	1,784,022.191	1,025,796.620	506+90.51	0.00 FT
P.I. C FRONT4-2	1,784,106.55	1,025,724.889	508+01.24	20.76 FT
P.C.C. C FRONT4-3	1,784,120.346	1,025,615.022	509+01.74	0.00 FT
P.I. C FRONT4-3	1,784,126.427	1,025,566.613	509+50.53	1.75 FT
P.T. C FRONT4-3	1,784,125.520	1,025,517.832	509+99.15	0.00 FT
EX FRONTAGE ROAD 5				
P.O.T. FRONT51	1,784,299.997	1,025,385.904	506+36.31	0.00 FT
P.C. C FRONT5-1	1,784,304.171	1,025,543.719	507+94.18	0.00 FT
P.I. C FRONT5-1	1,784,312.079	1,025,842.750	510+93.32	125.13 FT
P.T. C FRONT5-1	1,784,610.972	1,025,830.679	512+61.67	0.00 FT
P.C. C FRONT5-2	1,785,267.255	1,025,804.175	519+18.49	0.00 FT
P.I. C FRONT5-2	1,785,495.501	1,025,794.957	521+46.92	-4.85 FT
P.C.C. C FRONT5-3	1,785,723.705	1,025,805.138	523+75.08	0.00 FT
P.I. C FRONT5-3	1,787,411.811	1,025,880.449	540+64.86	-297.99 FT
P.T. C FRONT5-3	1,788,656.464	1,027,023.346	556+16.22	0.00 FT
P.C. C FRONT5-4	1,790,082.272	1,028,332.587	575+51.95	0.00 FT
P.I. C FRONT5-4	1,790,326.942	1,028,557.255	578+84.12	74.24 FT
P.T. C FRONT5-4	1,790,656.015	1,028,511.976	581+72.91	0.00 FT
P.C. C FRONT5-5	1,790,964.436	1,028,469.539	584+84.23	0.00 FT
P.I. C FRONT5-5	1,791,059.098	1,028,456.514	585+79.79	11.54 FT
P.T. C FRONT5-5	1,791,137.018	1,028,401.204	586+71.65	0.00 FT

BENCHMARKS

B.M. 3097 SQUARE CUT E EDGE OF 2' DIA CONC BASE SIGN "GAS-EXIT 253 PHILLIPS 66- SHELL- AMOCO", EL. 601.00 (N 1765612.170, E 1022501.210)

B.M. 3098 PK NAIL E EP OF E FRONTAGE RD AND ABOUT 200' S OF OLD BIT DR WITH CURBS AND W OF 2 TALL CELL PHONE TOWERS, EL.601.49

B.M. 3099 PK NAIL E EP OF FRONTAGE RD AT RISE IN HILL AND WITH 2 TALL CELL TOWERS TO EAST, EL. 601.30

B.M. 3100 FND SQUARE CUT TOP AND E END OF S HEADWALL 15" CMP UNDER BIT DR TO ELKS MOTOR INN LODGE ON E FRONTAGE RD, EL. 599.28

B.M. 3101 PK NAIL E EP OF E FRONTAGE RD 150' N OF ELKS DR., EL 593.76

B.M. 3102 PK NAIL E EP OF E FRONTAGE RD 400' OF ELKS DR, EL. 586.62

B.M. 3103 PK NAIL E EP OF BIT SHOULDER OF I-55, 300' S OF RTE 52 EXIT RAMP AT S END OF GR AND 50' N OF LP #N08 AND MP 252.58, EL. 583.24 (N 1767096.33, E 1023252.907)

B.M. 3166 SQUARE AND "X" CUT IN SE CORNER OF WEST PARAPET WALL OF EAST FRONTAGE ROAD BRIDGE OVER SUNNYLAND DRAIN CREEK AND IS ABOUT 10 INCHES ABOVE PAVEMENT, EL. 594.42

B.M. 3191 SQUARE CUT ON NORTHWEST EDGE OF 2 FOOT DIAMETER CONCRETE LIGHT POLE BASE #MC2 ON SOUTH SIDE ROUTE 30 AND ABOUT 400 FEET NORTHWEST OF I-55, EL. 607.08

D247 1960 USGS (NAVD 88) EL. 543.27
BRASS DISC ON TOP OF W END OF CONC ABUT., AT THE N END OF NB LANES, I-55 BRIDGE OVER DES PLAINES RIVER

MC11 USGS, 1952 RESET 1990, EL. 584.503
BRASS CAP ON TOP AT N END OF SOUTHERLY PARAPHET WALL ON THE W SIDE OF US RTE 52 BRIDGE OVER DUPAGE RIVER

NOTE:
THE LOCATION AND DESCRIPTION OF ADDITIONAL BENCHMARKS ARE PRESENTED AS CONTROL POINTS ON SHEETS 19 - 20

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ALIGNMENT, TIES AND BENCHMARKS
II

SCALE: N.T.S. DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $$DATE$
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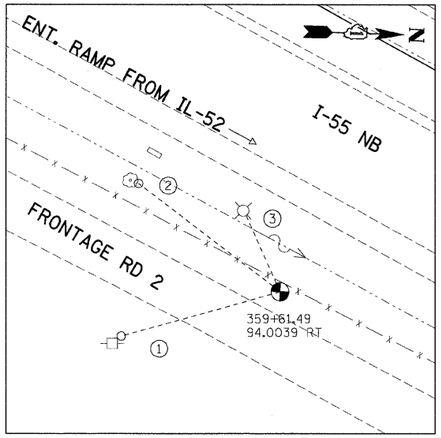
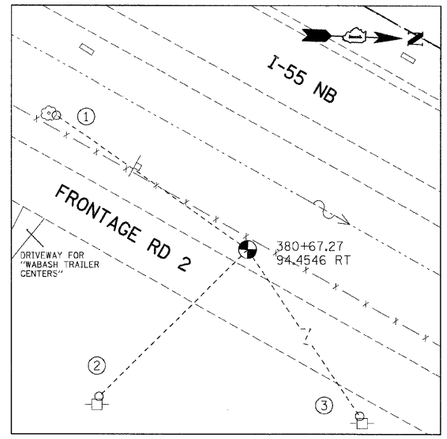
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	19
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



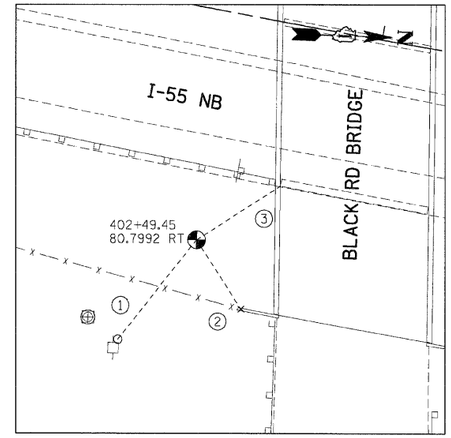
TP20

(N 1769655.699, E 1024607.111, ELEV. 580.554)
① PK NAIL ON NW FACE OF POWER POLE, 57.60′
② PK NAIL ON NORTH FACE OF 14″ TREE, 62.10′
③ NEAREST FACE OF LIGHT POLE, 30.40′



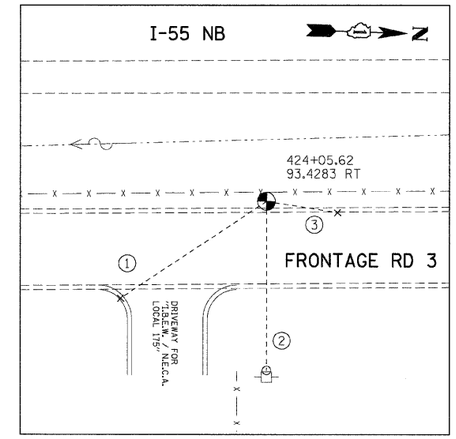
TP22

(N 1771524.797, E 1025577.049, ELEV. 581.842)
① PK NAIL ON NORTH FACE OF 16″ TREE, 81.65′
② PK NAIL ON WEST FACE OF POWER POLE, 72.95′
③ PK NAIL ON WEST FACE OF POWER POLE, 143.05′



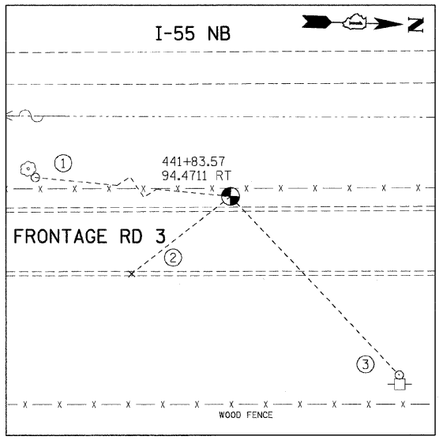
TP24

(N 1773599.891, E 1026302.676, ELEV. 588.101)
① PK NAIL ON WEST FACE OF POWER POLE, 44.20′
② CUT CROSS ON TOP OF BRIDGE WING WALL, 28.60′
③ NEAREST CORNER OF CONCRETE PIER BASE, 34.80′



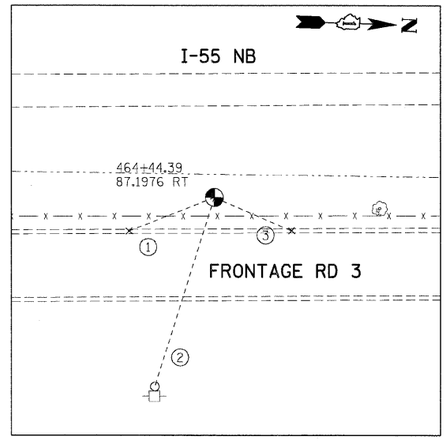
TP26

(N 1775767.608, E 1026345.581, ELEV. 590.522)
① CUT CROSS SET ON TOP OF CURB, 61.10′
② PK NAIL ON WEST FACE OF POWER POLE, 58.80′
③ CUT CROSS SET ON TOP OF CURB, 25.10′



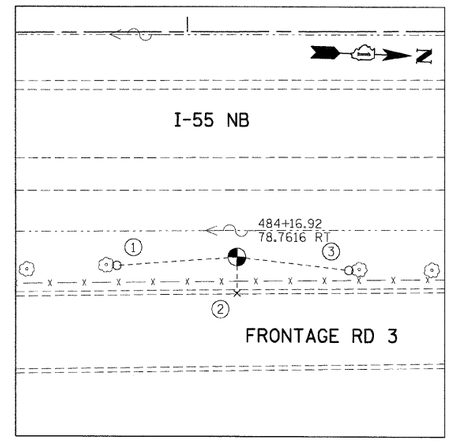
TP28

(N 1777544.478, E 1026283.640, ELEV. 598.777)
① PK NAIL ON EAST FACE OF 22″ TREE, 117.40′
② CUT CROSS ON TOP OF CURB, 44.00′
③ PK NAIL ON WEST FACE OF POWER POLE, 85.90′



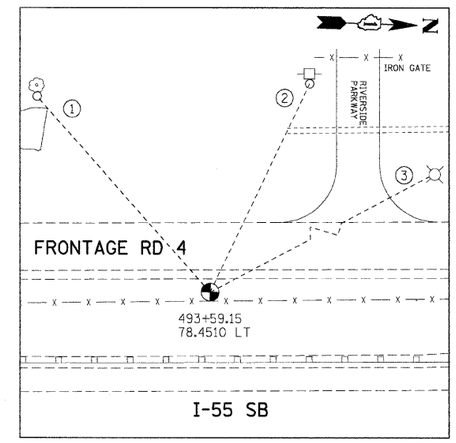
TP30

(N 1779803.620, E 1026196.284, ELEV. 590.699)
① CUT CROSS ON TOP OF CURB, 32.10′
② PK NAIL ON WEST FACE OF POWER POLE, 69.30′
③ CUT CROSS ON TOP OF CURB, 29.40′



TP32

(N 1781774.617, E 1026117.977, ELEV. 590.111)
① PK NAIL ON NORTH FACE OF 14″ TREE, 42.10′
② CROSS CUT ON TOP OF CURB, 12.70′
③ PK NAIL ON SOUTH FACE OF 14″ TREE, 39.35′



TP33

(N 1782710.684, E 1025927.485, ELEV. 593.501)
① PK NAIL ON EAST FACE OF 14″ TREE, 91.21′
② PK NAIL ON EAST FACE OF POWER POLE, 80.63′
③ NEAREST FACE OF LIGHT POLE, 123.90′

NOTES:

1. ALL CONTROL POINTS ON THIS SHEET WERE SET WITH 2″ IRON ROD WITH YELLOW CAP
2. ALL STATIONING AND OFFSETS SHOWN ON THIS SHEET ARE FROM THE I-55 PROPOSED ℄

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ALIGNMENT, TIES AND BENCHMARKS III

SCALE: N.T.S. DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
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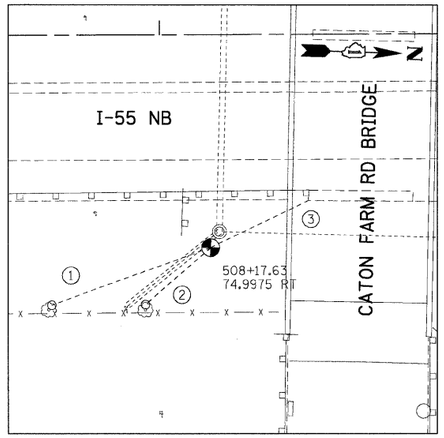
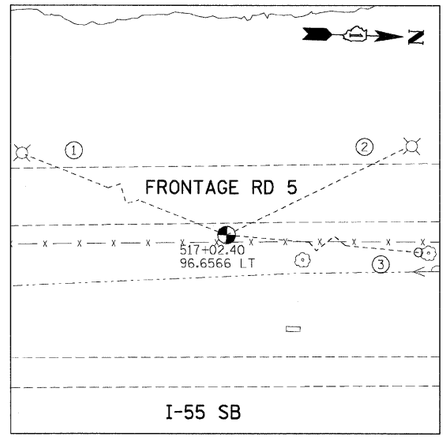
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



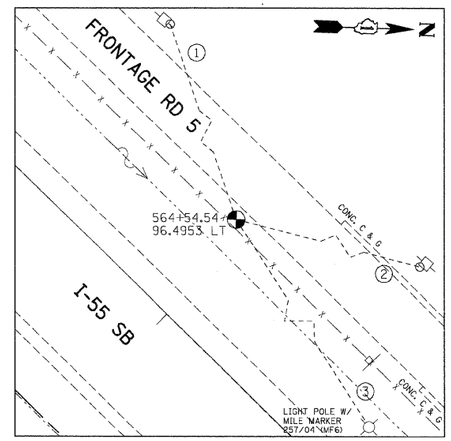
TP34

(N 1784173.688, E 1026029.171, ELEV. 594.050)
1 PK NAIL ON WEST FACE OF 10" TREE, 58.95'
2 PK NAIL ON WEST FACE OF 16" TREE, 30.10'
3 NEAREST CORNER OF CONC. PIER BASE, 38.40'



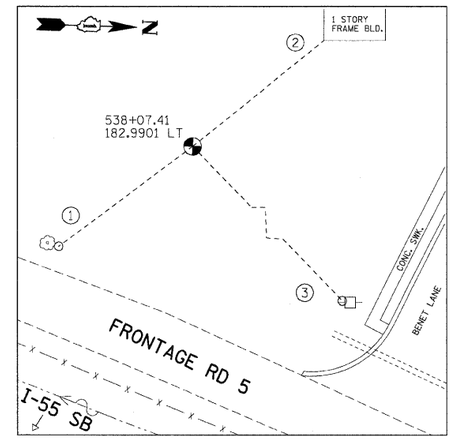
TP37

(N 1785051.817, E 1025826.282, ELEV. 591.733)
1 PK NAIL ON NEAREST FACE OF LIGHT POLE, 115.26'
2 PK NAIL ON NEAREST FACE OF LIGHT POLE, 70.05'
3 PK NAIL ON SOUTH FACE OF 8" TREE, 85.00'



TP39

(N 1789328.938, E 1027661.770, ELEV. 615.232)
1 PK NAIL ON NORTH FACE OF POWER POLE, 107.75'
2 PK NAIL ON EAST FACE OF POWER POLE, 93.25'
3 NEAREST FACE OF LIGHT POLE, 119.10'



TP40

(N 1787188.516, E 1026040.155, ELEV. 627.130)
1 PK NAIL ON NORTH FACE OF 12" TREE, 58.60'
2 NEAREST CORNER OF BUILDING, 59.00'
3 PK NAIL ON SOUTH FACE OF POWER POLE, 101.50'

NOTES:

1. ALL CONTROL POINTS ON THIS SHEET WERE SET WITH 2" IRON ROD WITH YELLOW CAP
2. ALL STATIONING AND OFFSETS SHOWN ON THIS SHEET ARE FROM THE I-55 PROPOSED ℄

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ALIGNMENT, TIES AND BENCHMARKS IV

SCALE: N.T.S. DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
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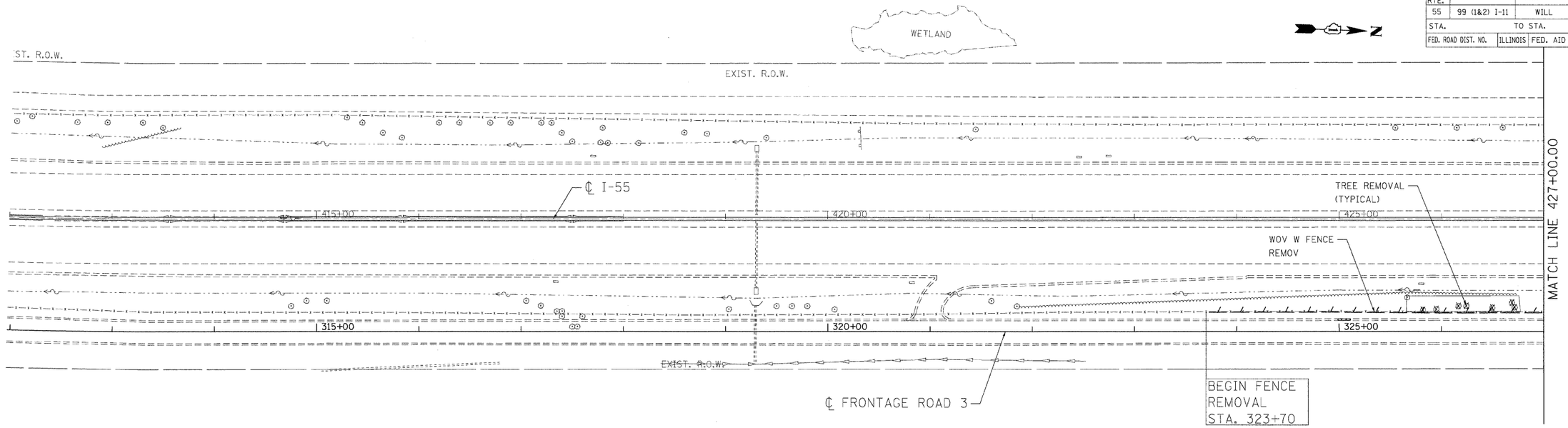
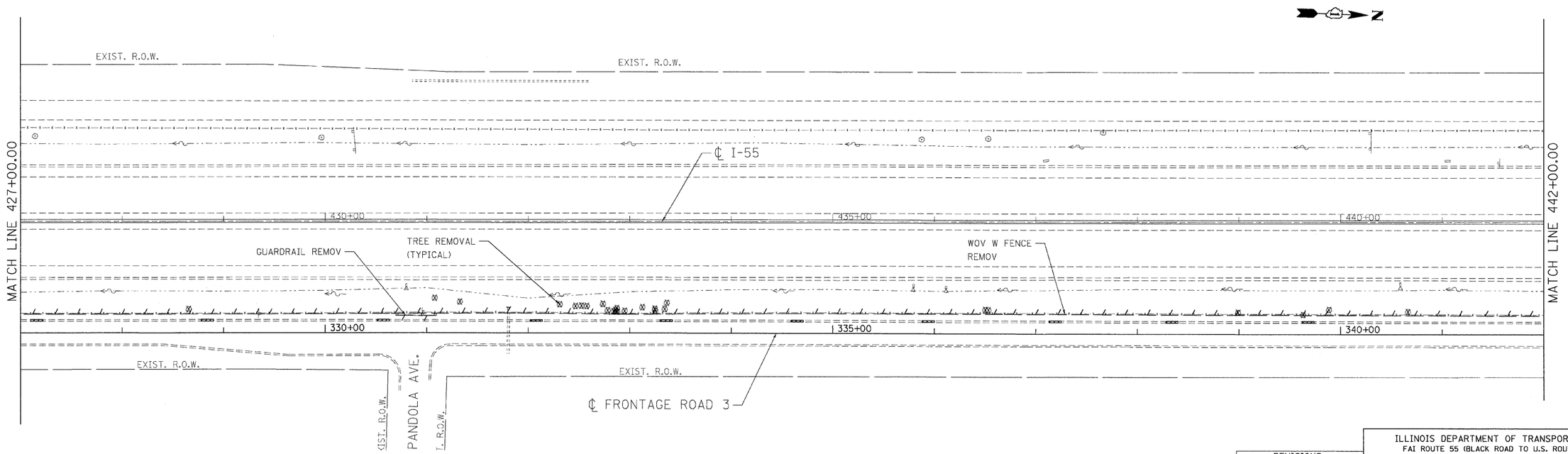
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

COMBINATION CURB AND GUTTER REMOVAL

NOTE

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER REMOVAL ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

REMOVAL PLAN
FAI 55
STA. 412+00.00 TO STA. 442+00.00

SCALE: 1"=50'
DRAWN BY KS
DATE 02/06/09
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
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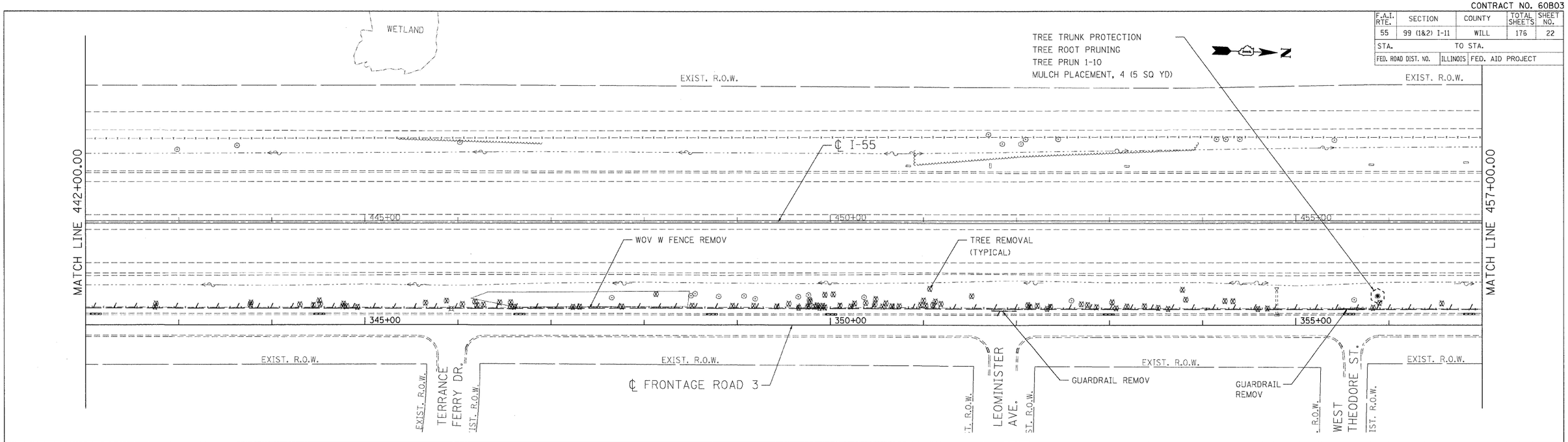
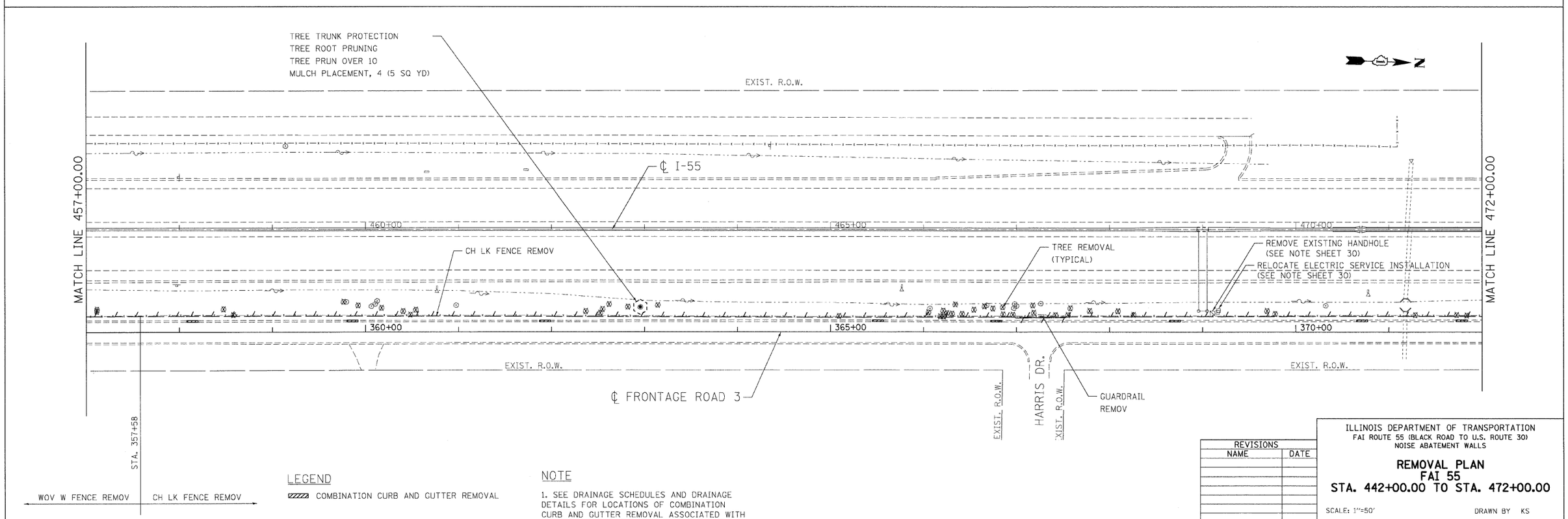
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	22
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

COMBINATION CURB AND CUTTER REMOVAL

NOTE

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER REMOVAL ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

REMOVAL PLAN
FAI 55
STA. 442+00.00 TO STA. 472+00.00

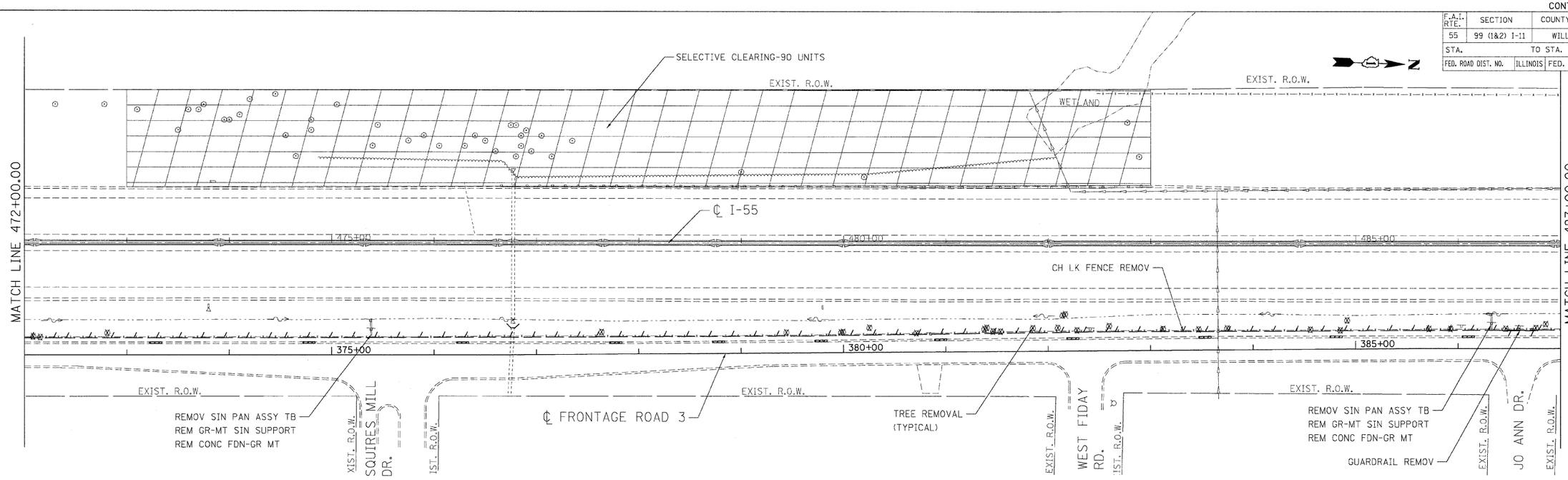
SCALE: 1"=50'
DRAWN BY KS
DATE 02/06/09
CHECKED BY DDH

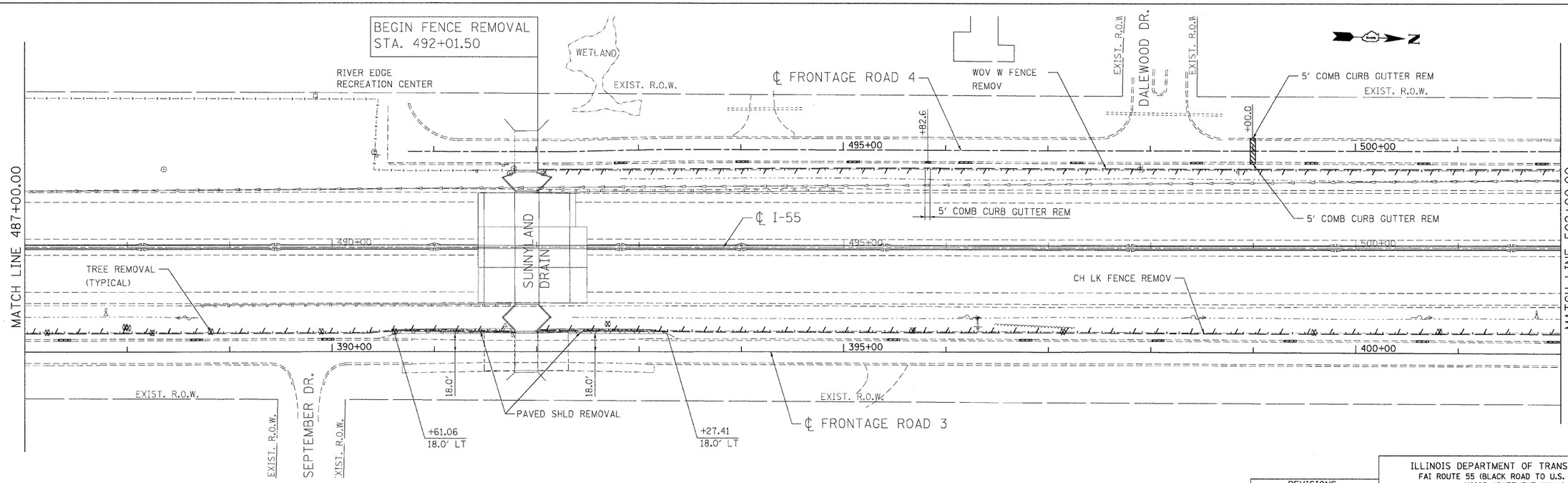
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

COMBINATION CURB AND GUTTER REMOVAL

NOTE

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER REMOVAL ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

REMOVAL PLAN
FAI 55
STA. 472+00.00 TO STA. 502+00.00

SCALE: 1"=50' DRAWN BY KS
DATE 02/06/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
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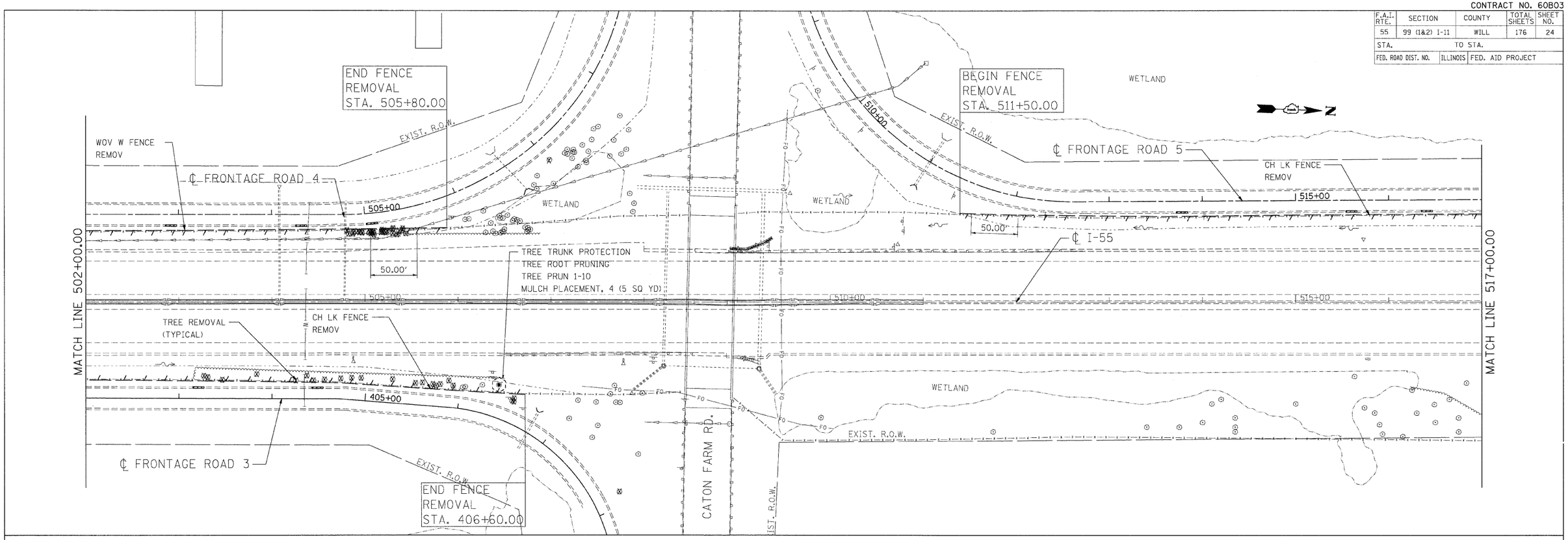
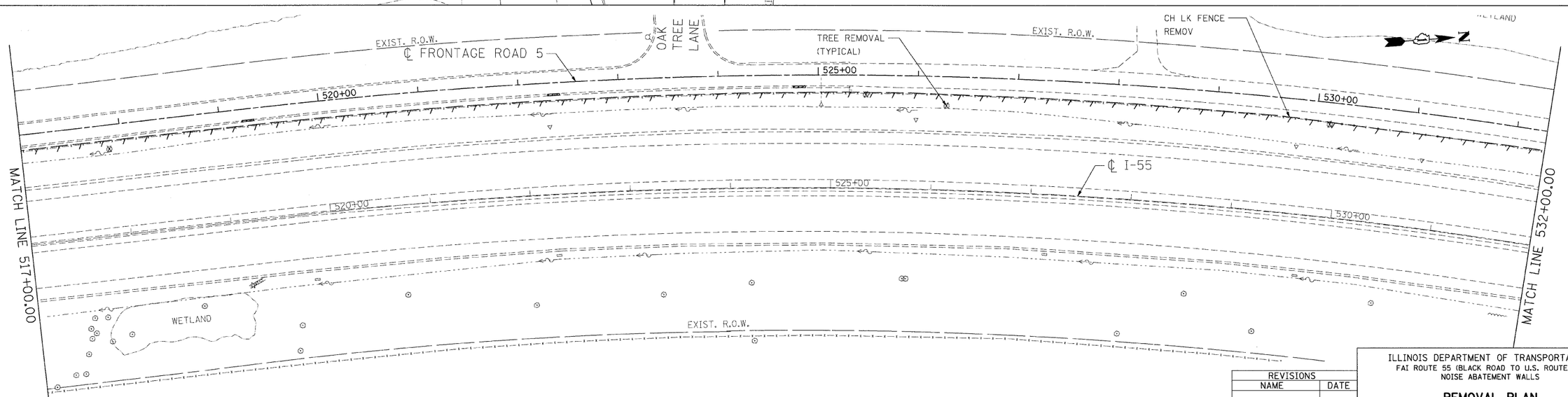
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

COMBINATION CURB AND GUTTER REMOVAL

NOTE

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER REMOVAL ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

REMOVAL PLAN
FAI 55
STA. 502+00.00 TO STA. 532+00.00

SCALE: 1"=50' DRAWN BY KS

DATE 02/06/09 CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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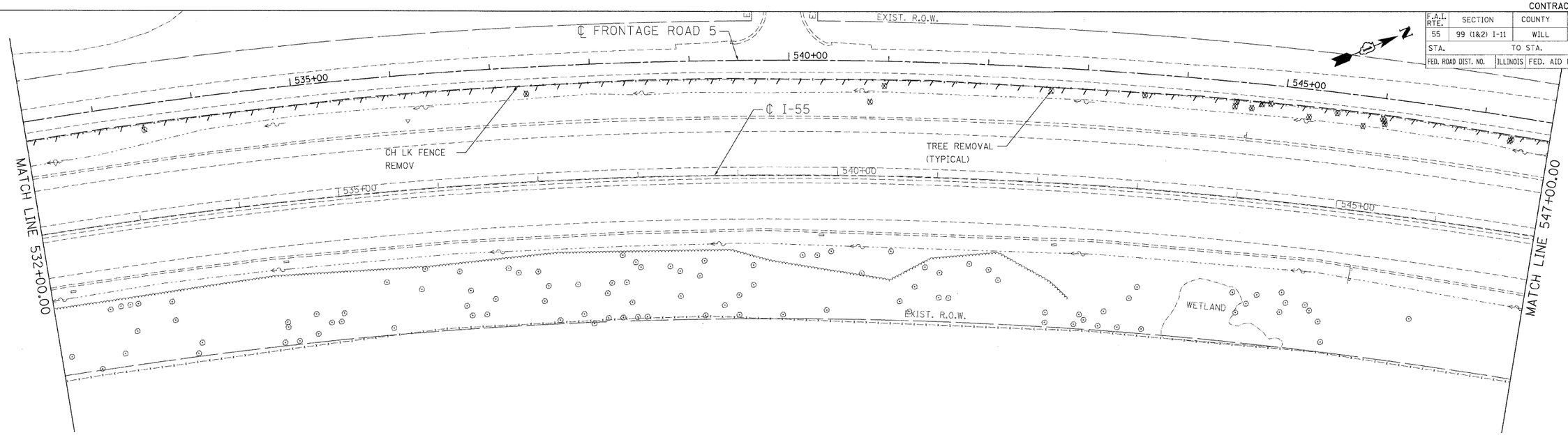
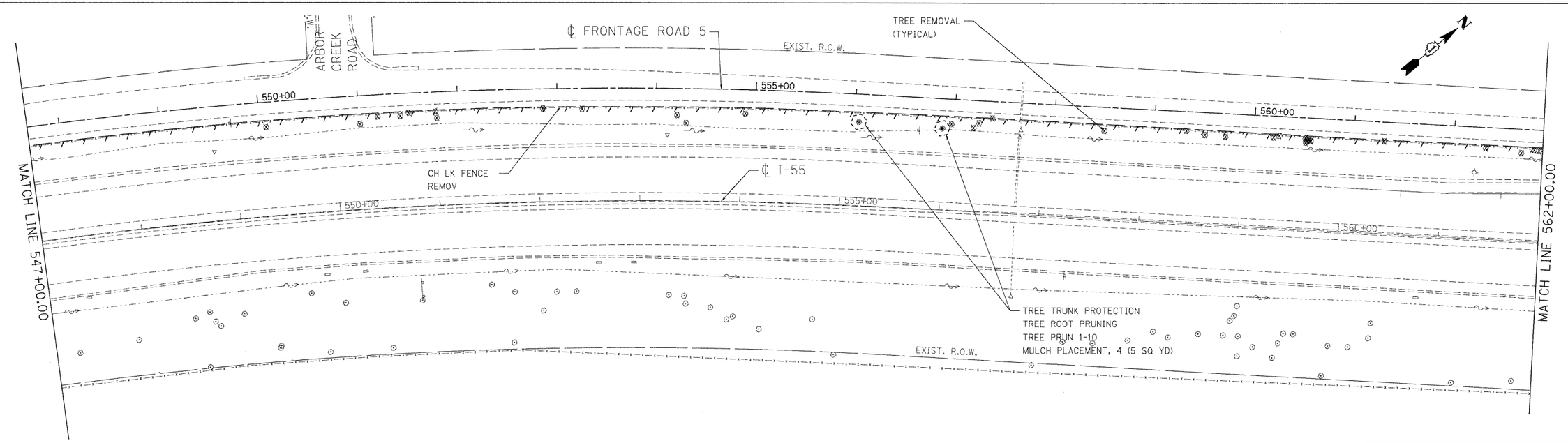
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

COMBINATION CURB AND GUTTER REMOVAL

NOTE

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER REMOVAL ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

REMOVAL PLAN
FAI 55
STA. 532+00.00 TO STA. 562+00.00

SCALE: 1"=50'
DRAWN BY KS
DATE 02/06/09
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

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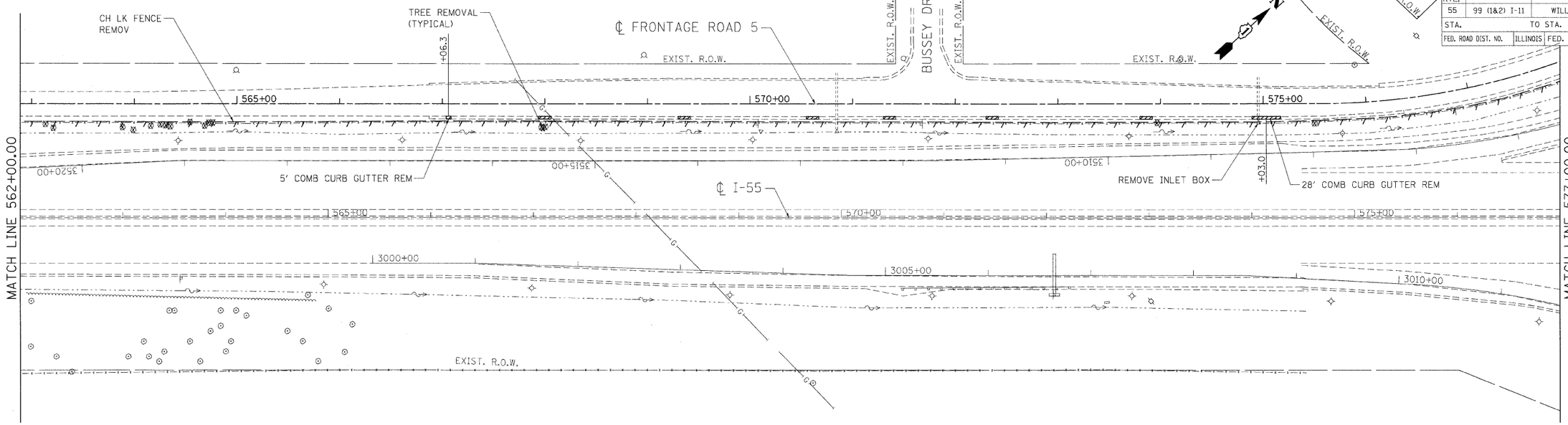
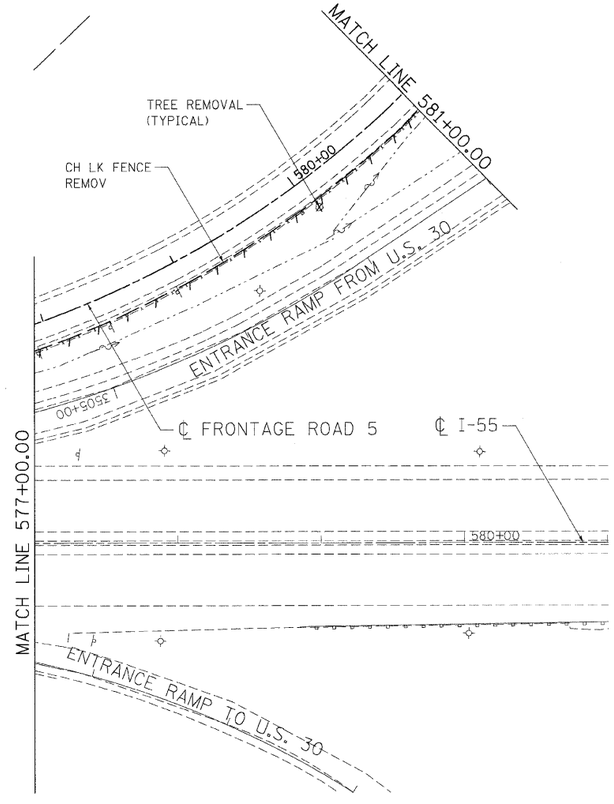
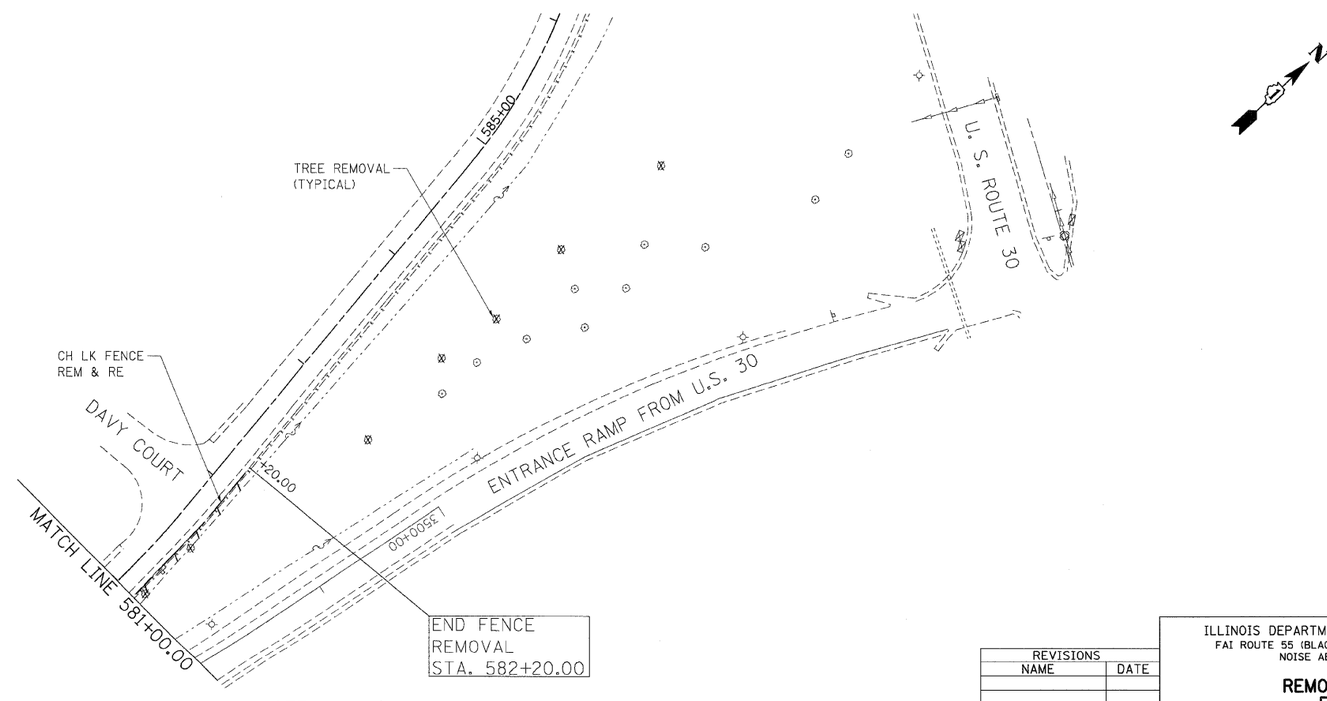
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		







LEGEND

COMBINATION CURB AND GUTTER REMOVAL

NOTE

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER REMOVAL ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

REMOVAL PLAN
FAI 55
STA. 562+00.00 TO STA. 592+00.00

SCALE: 1"=50' DRAWN BY KS

DATE 02/06/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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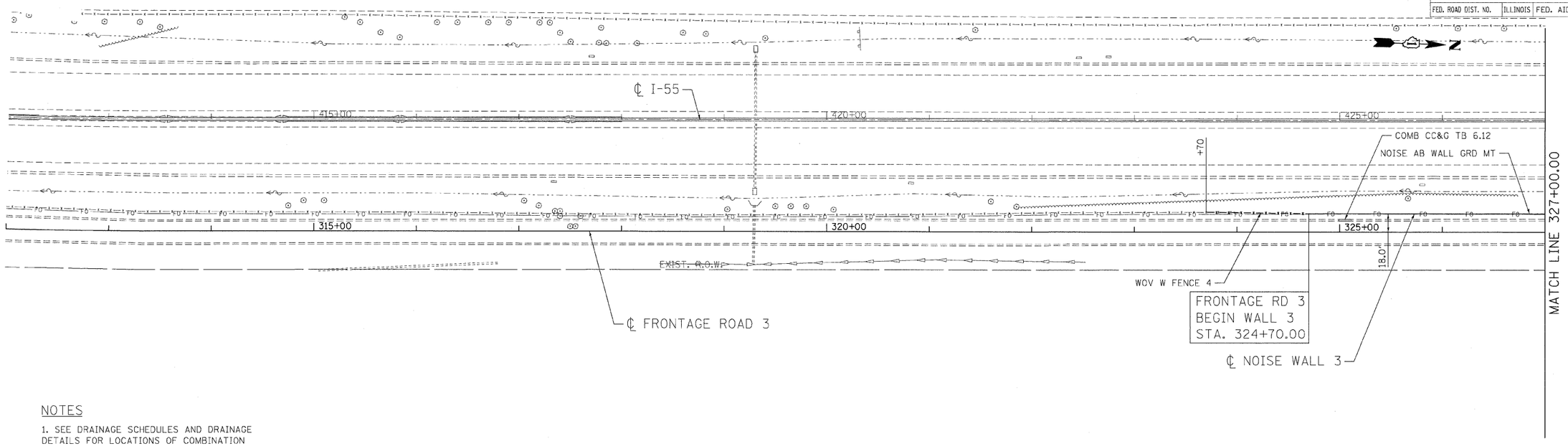
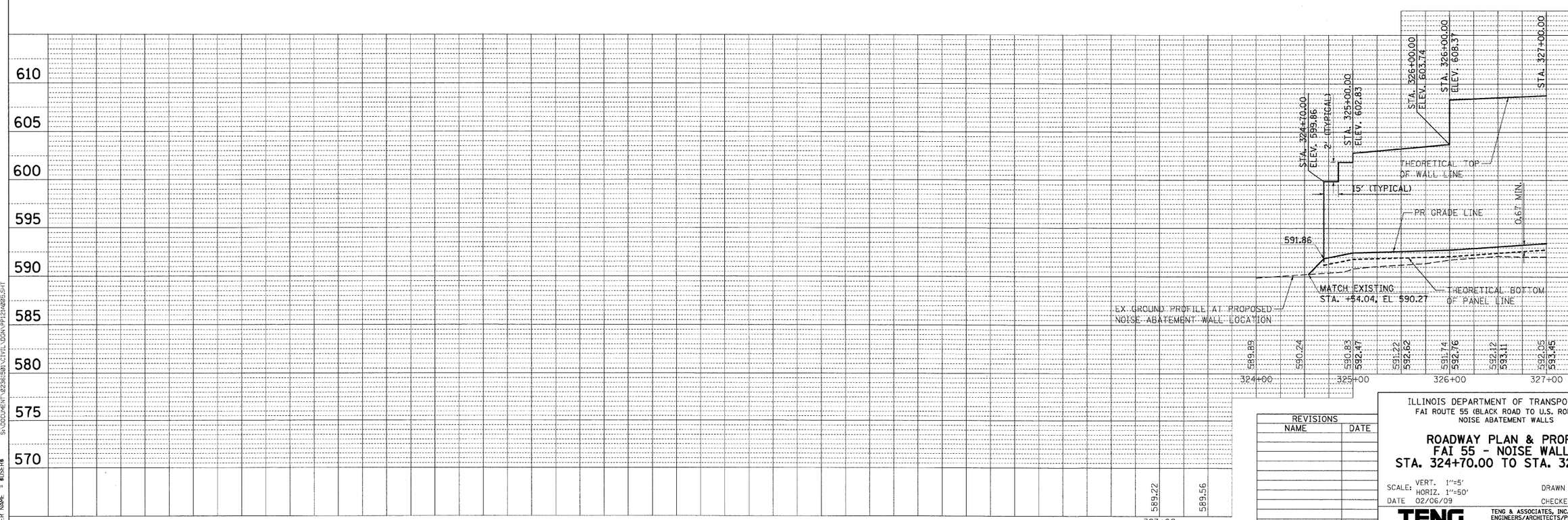
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	27
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 324+70.00 TO STA. 327+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
PROJ. FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NGVD
SYMBOLOGY NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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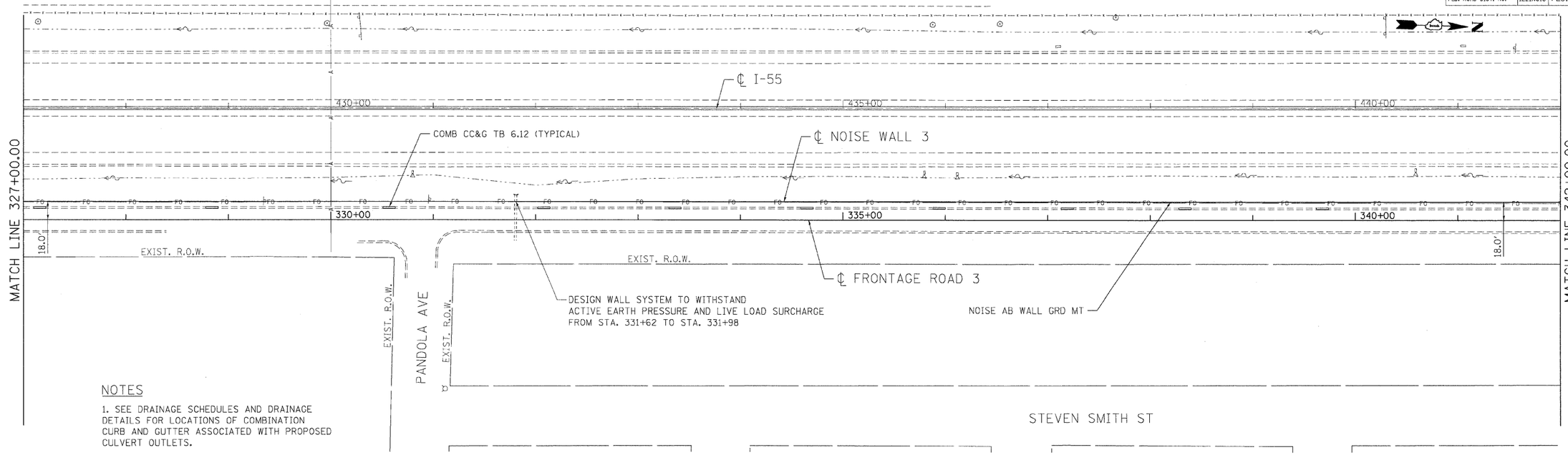
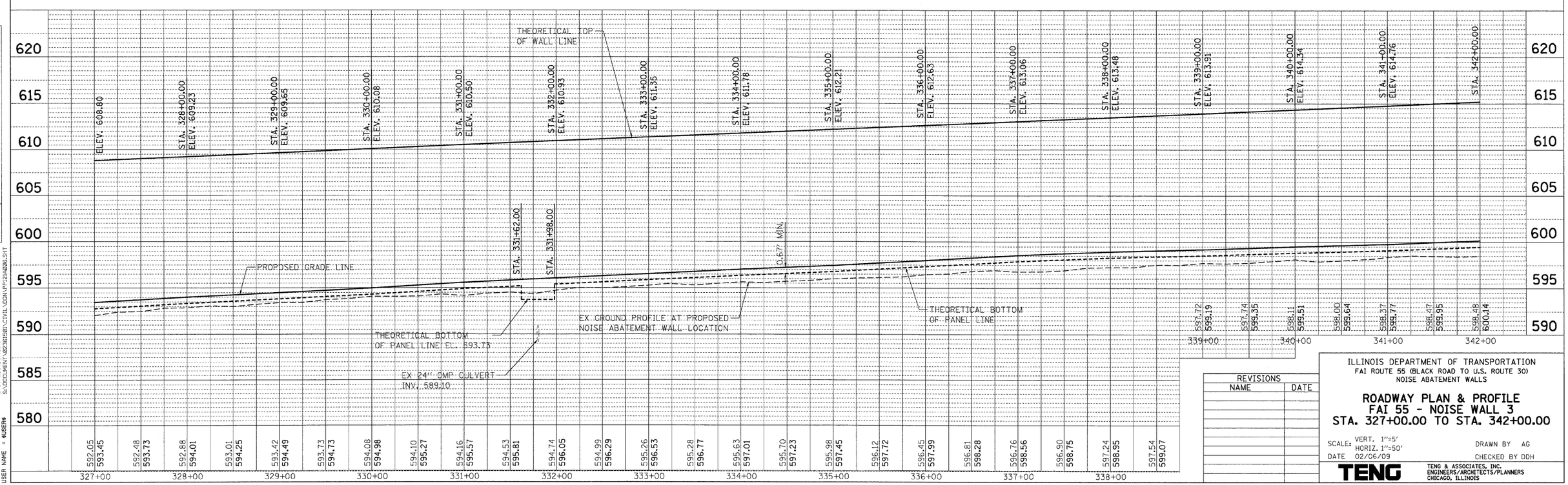
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 327+00.00 TO STA. 342+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

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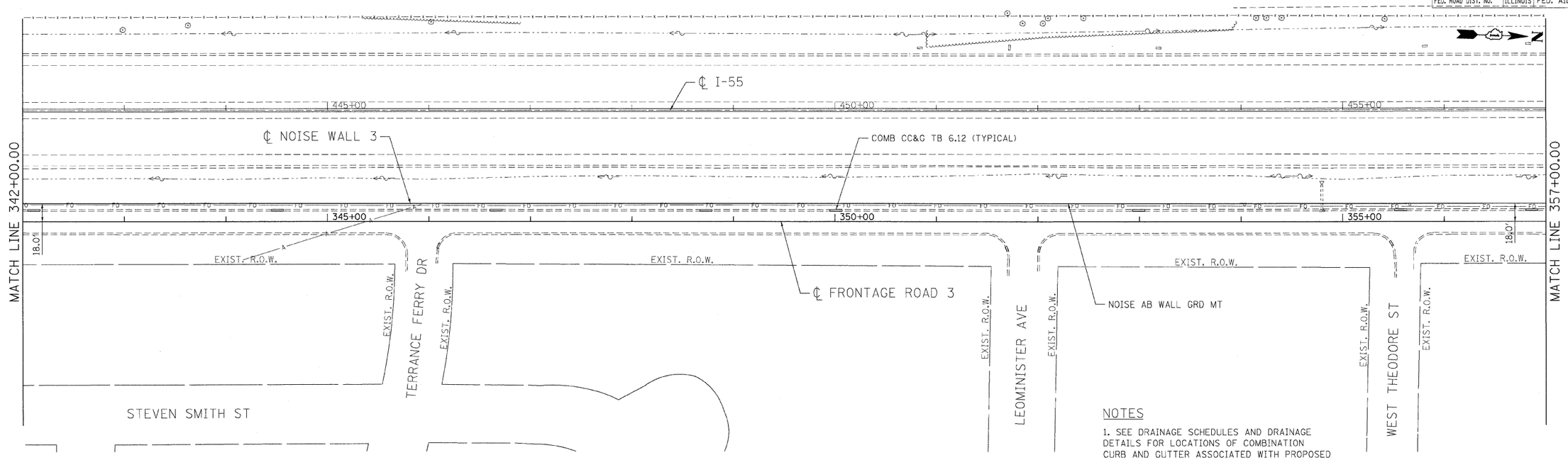
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

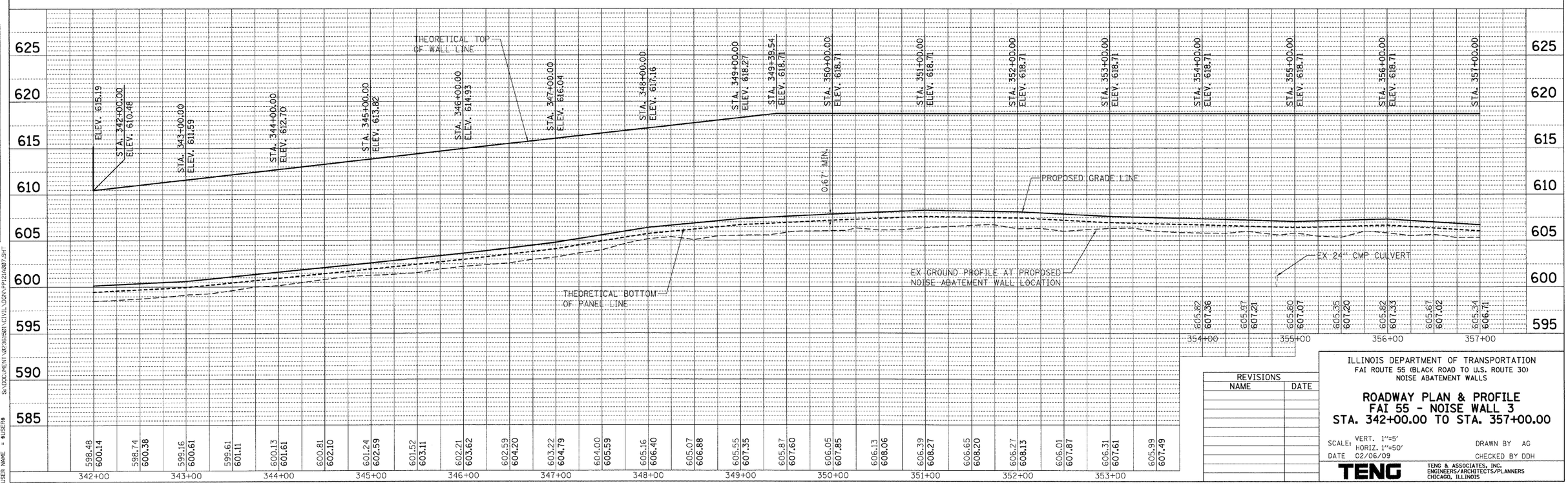
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 342+00.00 TO STA. 357+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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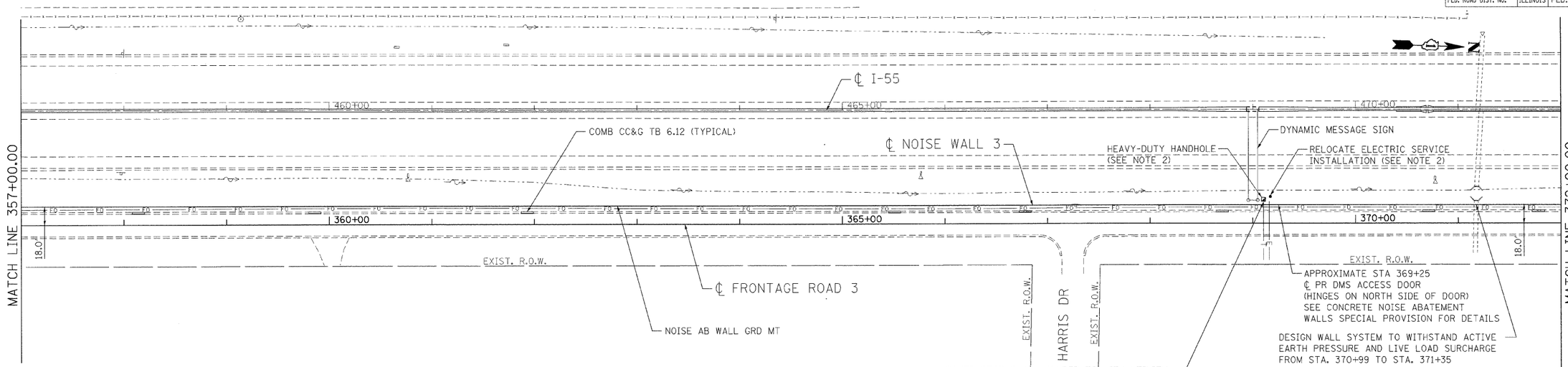
CONTRACT NO. 60B03

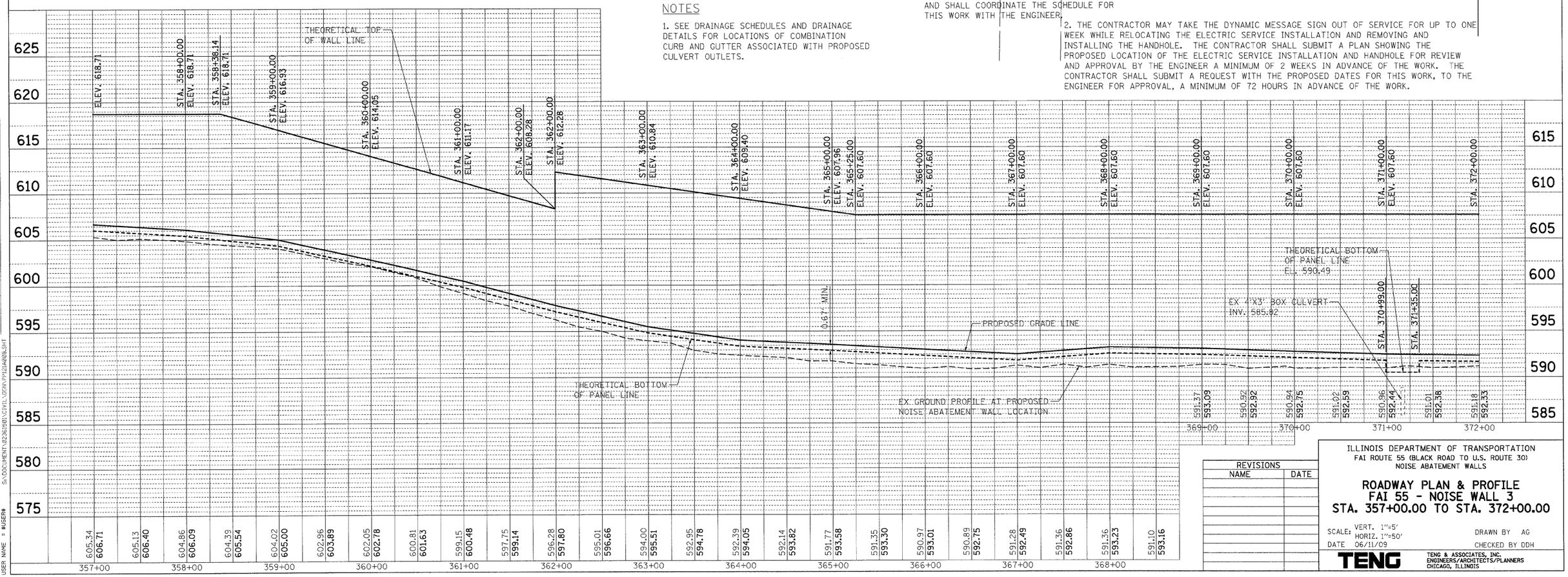
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	30
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

2. THE CONTRACTOR MAY TAKE THE DYNAMIC MESSAGE SIGN OUT OF SERVICE FOR UP TO ONE WEEK WHILE RELOCATING THE ELECTRIC SERVICE INSTALLATION AND REMOVING AND INSTALLING THE HANDHOLE. THE CONTRACTOR SHALL SUBMIT A PLAN SHOWING THE PROPOSED LOCATION OF THE ELECTRIC SERVICE INSTALLATION AND HANDHOLE FOR REVIEW AND APPROVAL BY THE ENGINEER A MINIMUM OF 2 WEEKS IN ADVANCE OF THE WORK. THE CONTRACTOR SHALL SUBMIT A REQUEST WITH THE PROPOSED DATES FOR THIS WORK, TO THE ENGINEER FOR APPROVAL, A MINIMUM OF 72 HOURS IN ADVANCE OF THE WORK.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 357+00.00 TO STA. 372+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 06/11/09

DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
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PLOTTED
ALIGNMENT CHECKED
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CADD FILE NAME
NOTE BOOK NO.
BY DATE

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GRADES CHECKED
BRIDGE NO. TYPE
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY DATE

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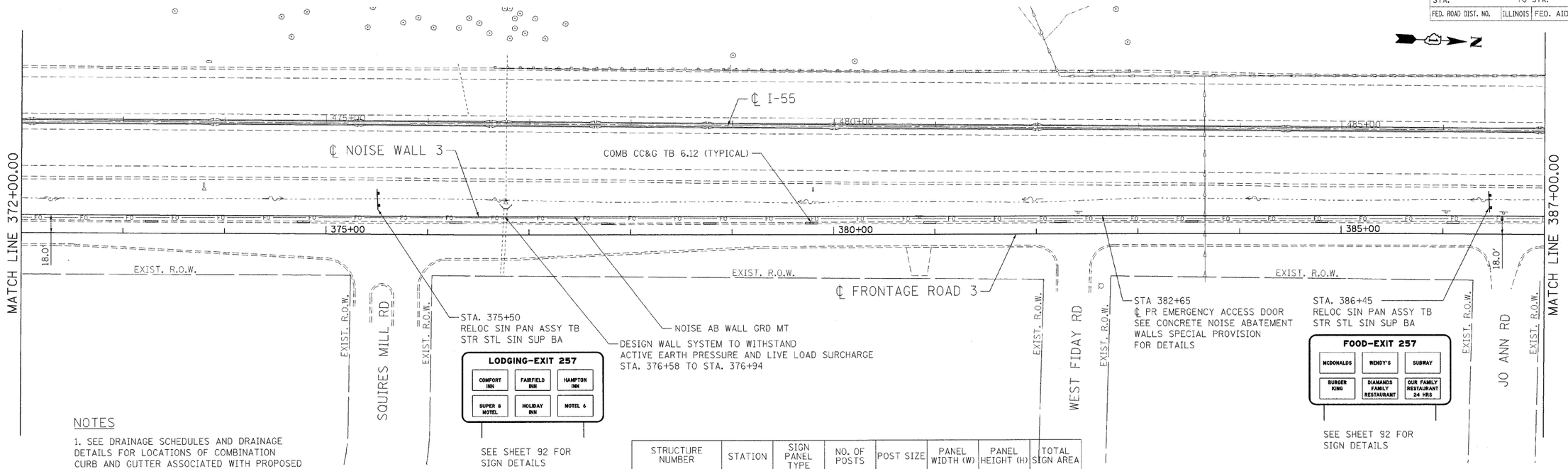
CONTRACT NO. 80E

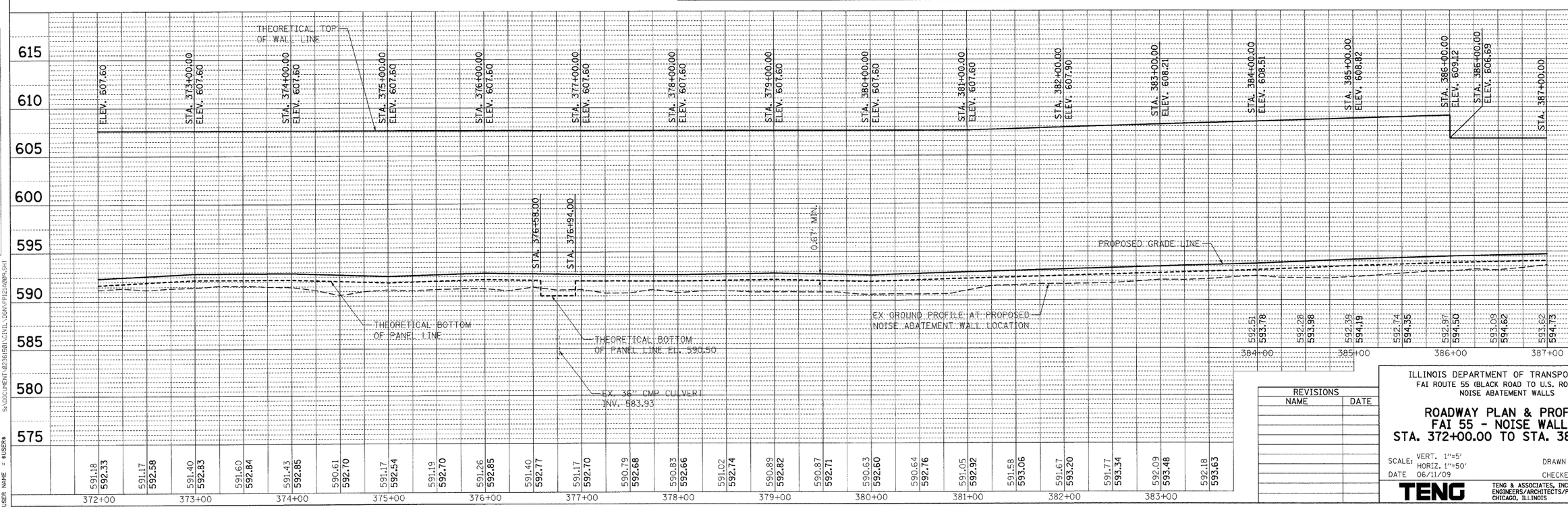
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

STRUCTURE NUMBER	STATION	SIGN PANEL TYPE	NO. OF POSTS	POST SIZE	PANEL WIDTH (W)	PANEL HEIGHT (H)	TOTAL SIGN AREA
1G099I055R255.4	375+50	3	2	W14X30	20	10	200 SQ FT
1G099I055R255.58	386+45	3	2	W14X30	20	10	200 SQ FT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 372+00.00 TO STA. 387+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 06/11/09

DRAWN BY AG
CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
NOTE BOOK NO.
SURVEYED
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RT. OF WAY CHECKED
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PROFILE
NOTE BOOK NO.
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GRADES CHECKED
STRUCTURE NOTATNS CHKD
BY
DATE

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
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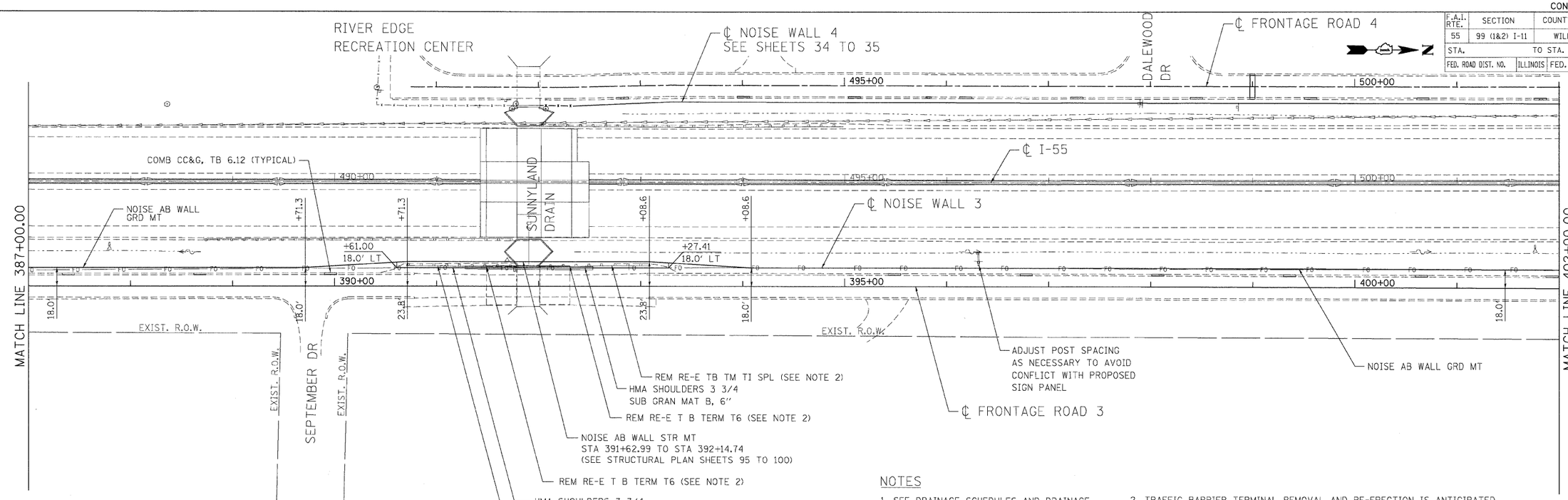
CONTRACT NO. 60B03

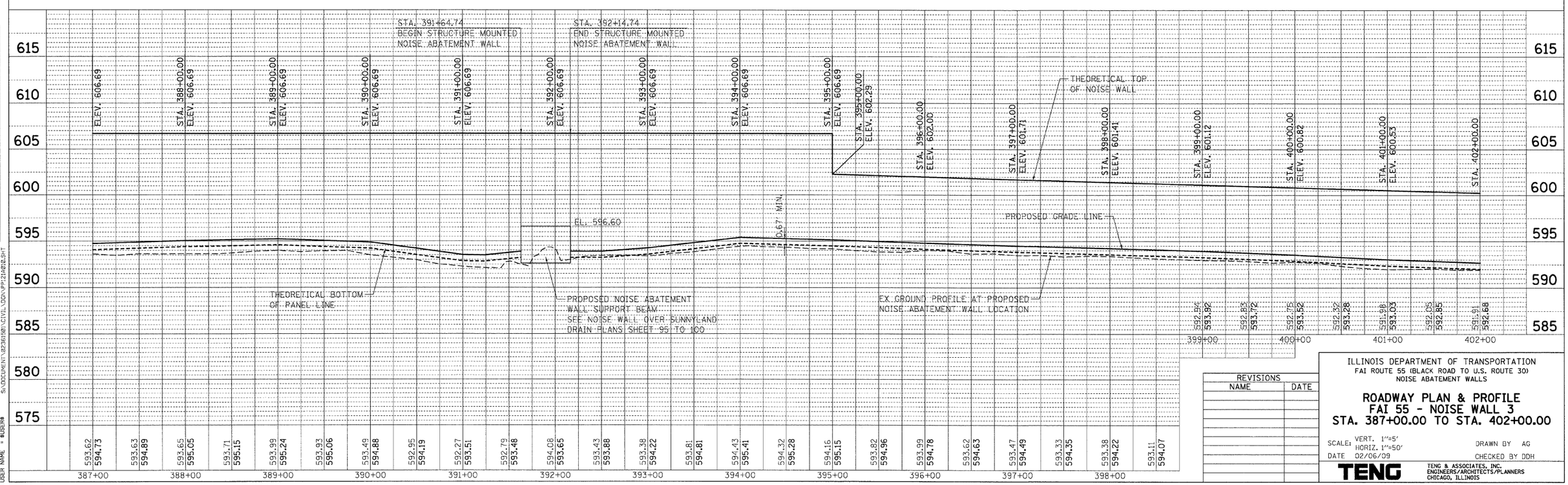
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

2. TRAFFIC BARRIER TERMINAL REMOVAL AND RE-ERECTION IS ANTICIPATED FOR CONTRACTOR ACCESS TO THE WORK. THE CONTRACTOR MAY LEAVE PORTIONS OF THE TRAFFIC BARRIER TERMINALS IN PLACE IF REMOVAL IS NOT REQUIRED TO COMPLETE THE WORK.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 387+00.00 TO STA. 402+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN	BY	DATE
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BLDG NOTED		
STRUCTURE NOTAT'NS CHKD		
NOTE BOOK NO.		

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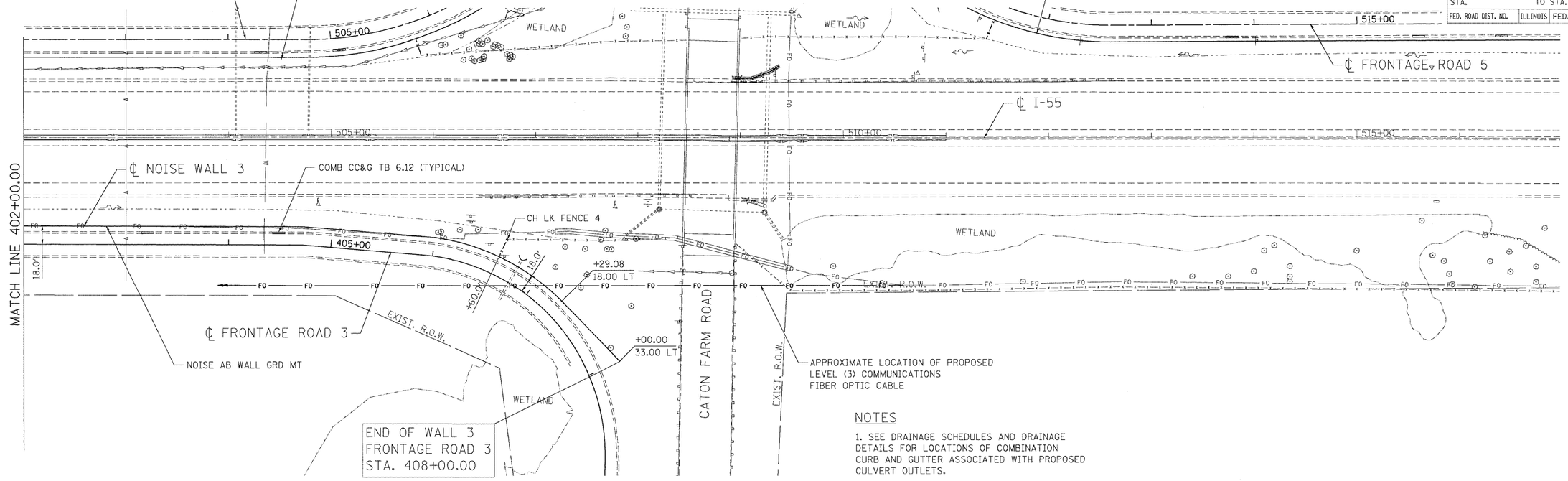
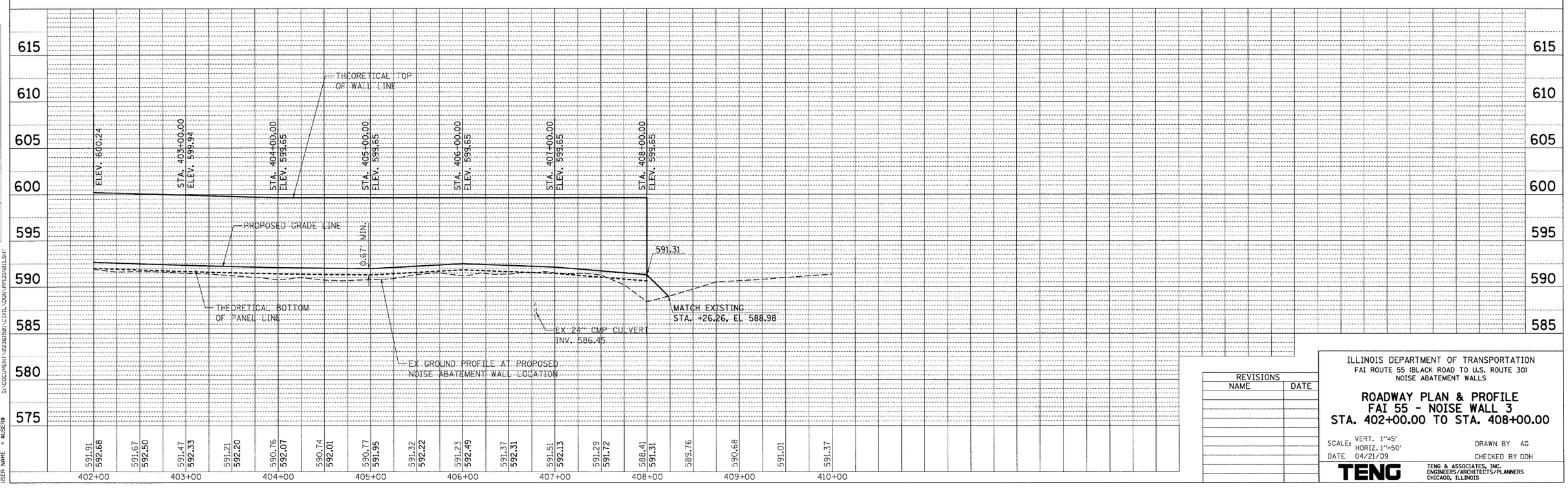
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 402+00.00 TO STA. 408+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 04/21/09

DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
SURVEYED
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TO ROADWAY
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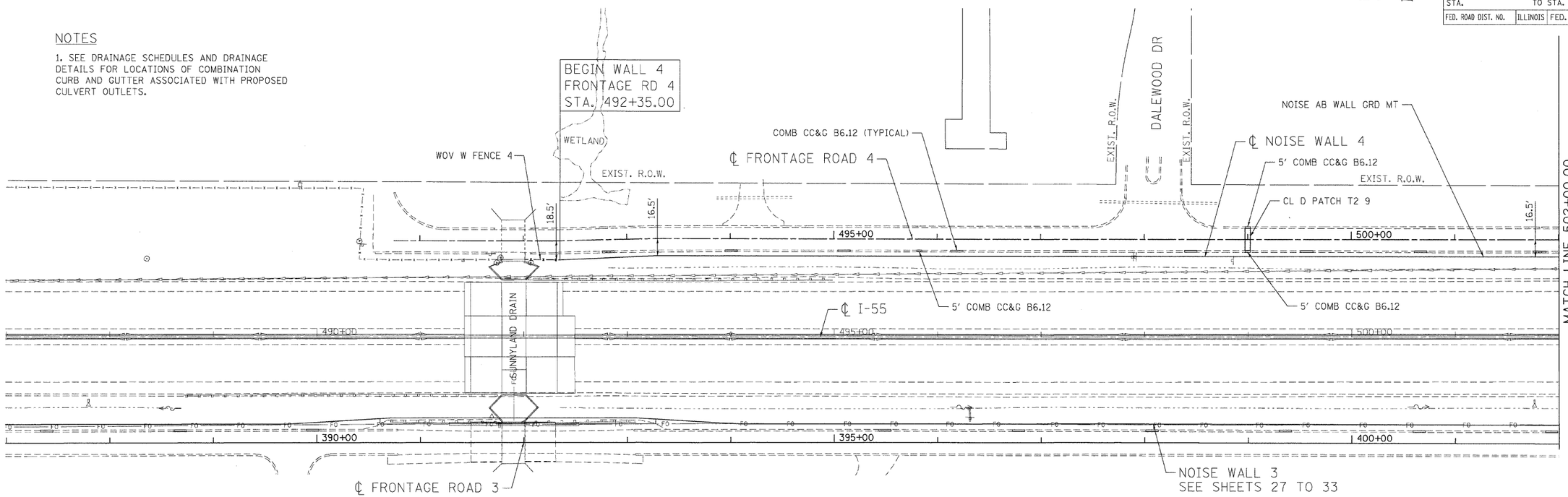
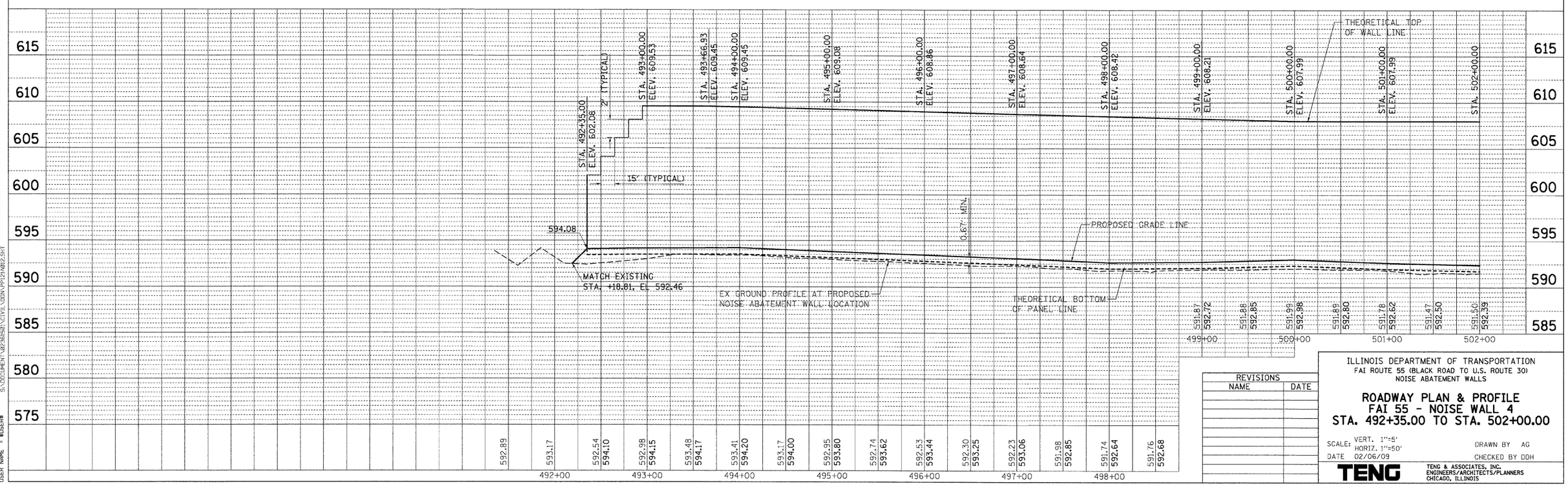
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	34
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.





REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 4
STA. 492+35.00 TO STA. 502+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
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NOTE BOOK NO.
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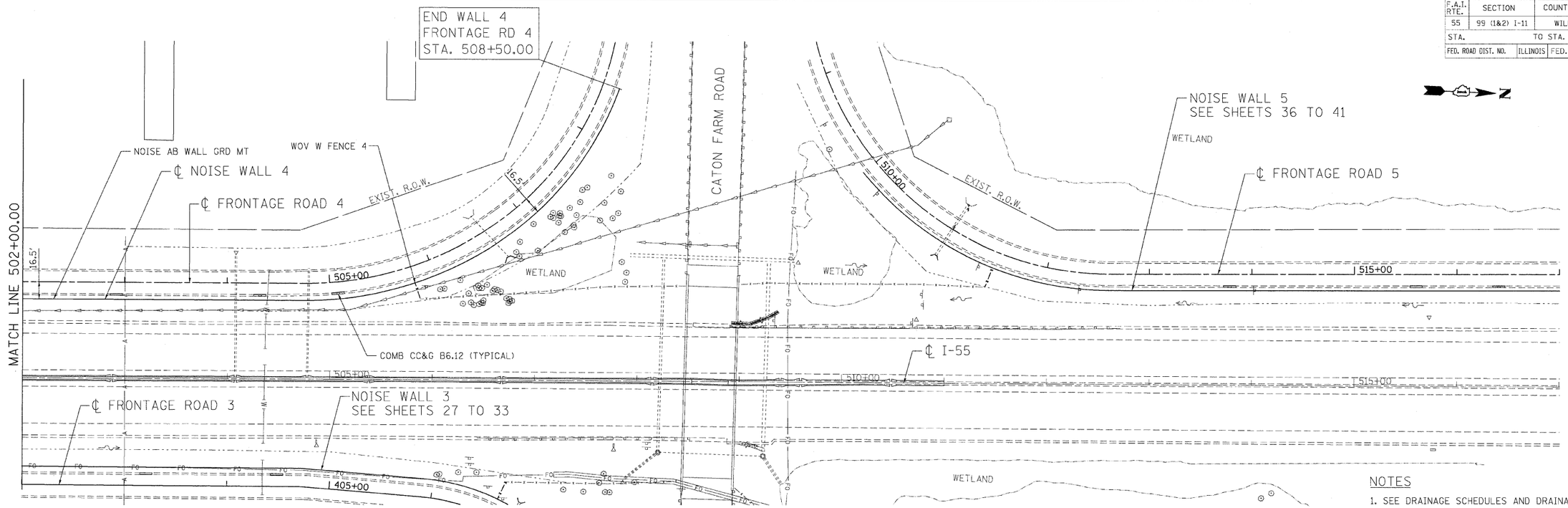
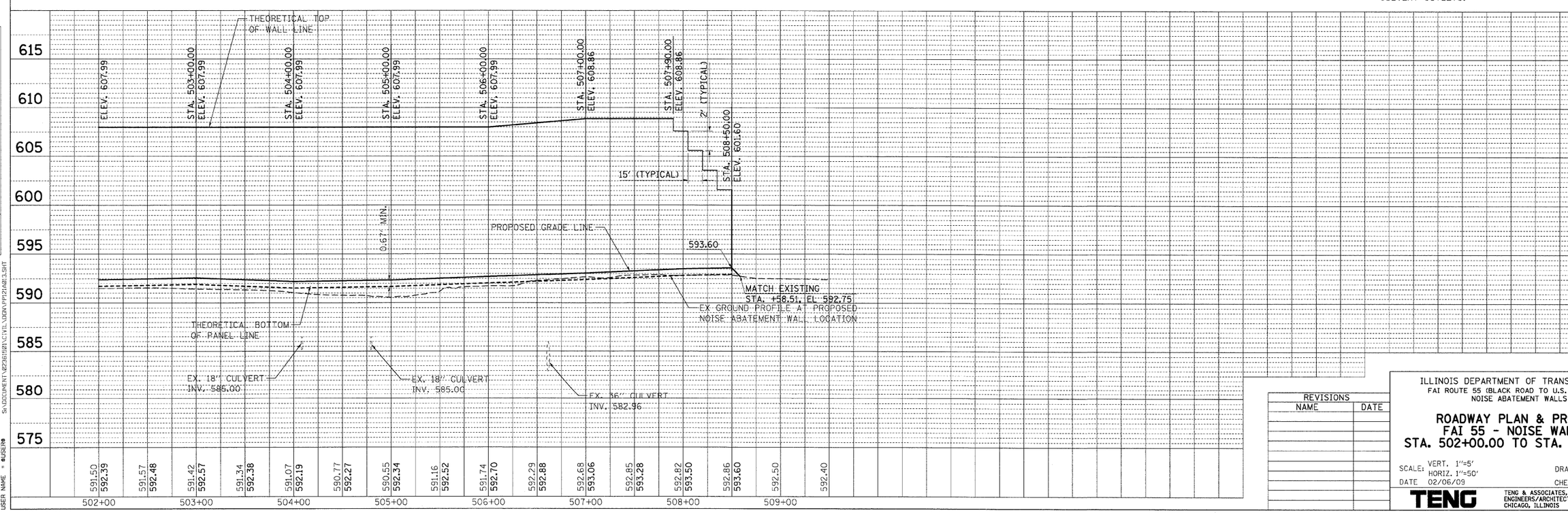
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 4
STA. 502+00.00 TO STA. 508+50.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

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TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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PLATTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
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GRADES CHECKED
BLM. NOTED
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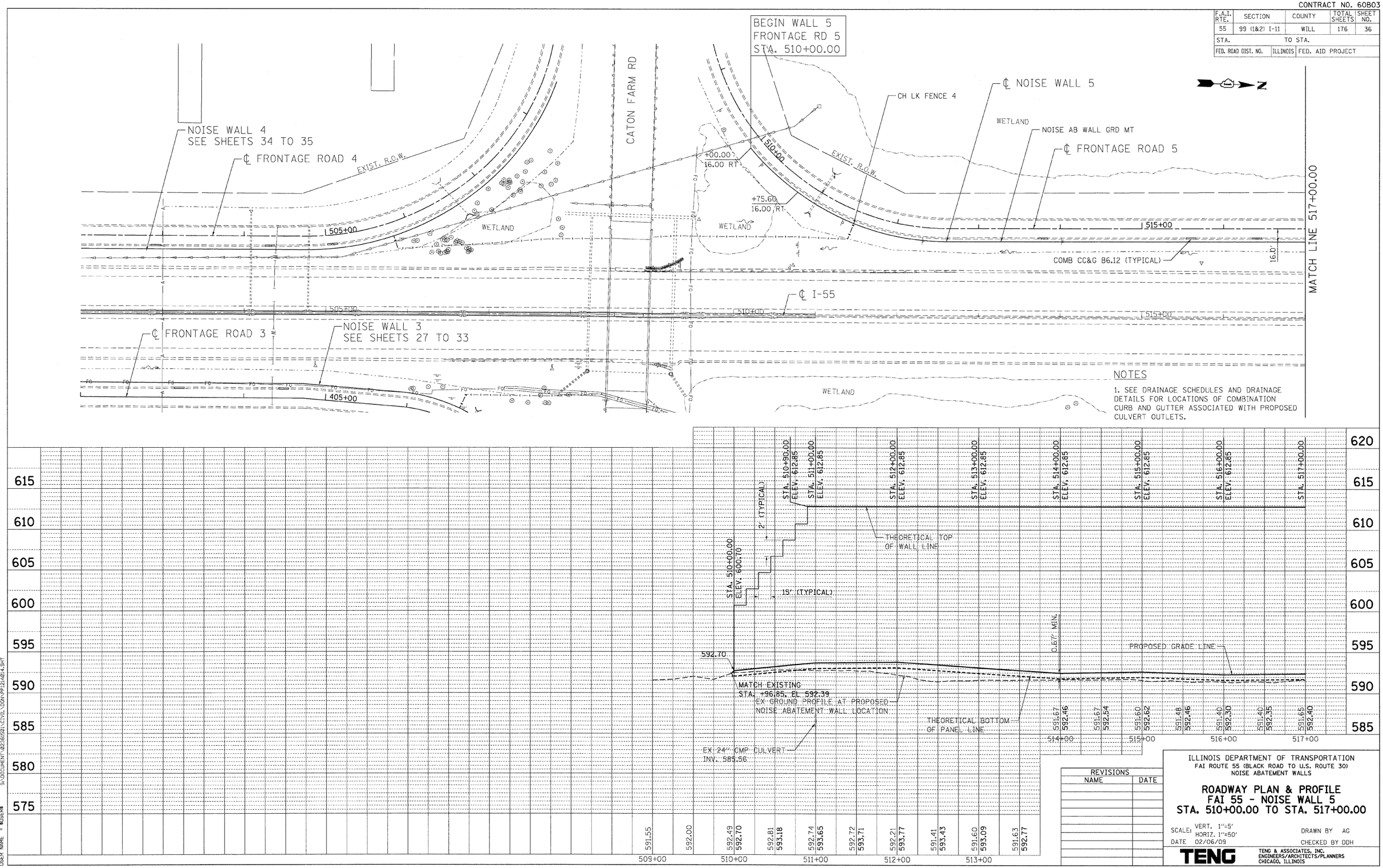
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 510+00.00 TO STA. 517+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN: NOTE BOOK NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.I. OF WAY CHECKED / CADD FILE NAME — BY — DATE

PROFILE: NOTE BOOK NO. — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD — BY — DATE

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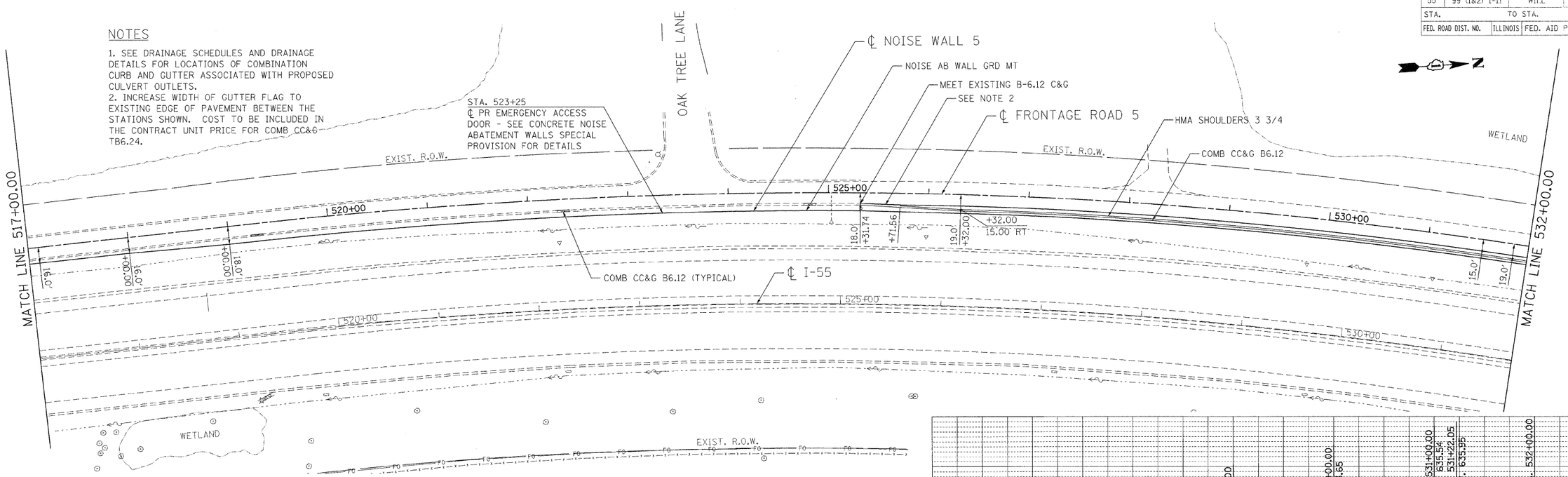
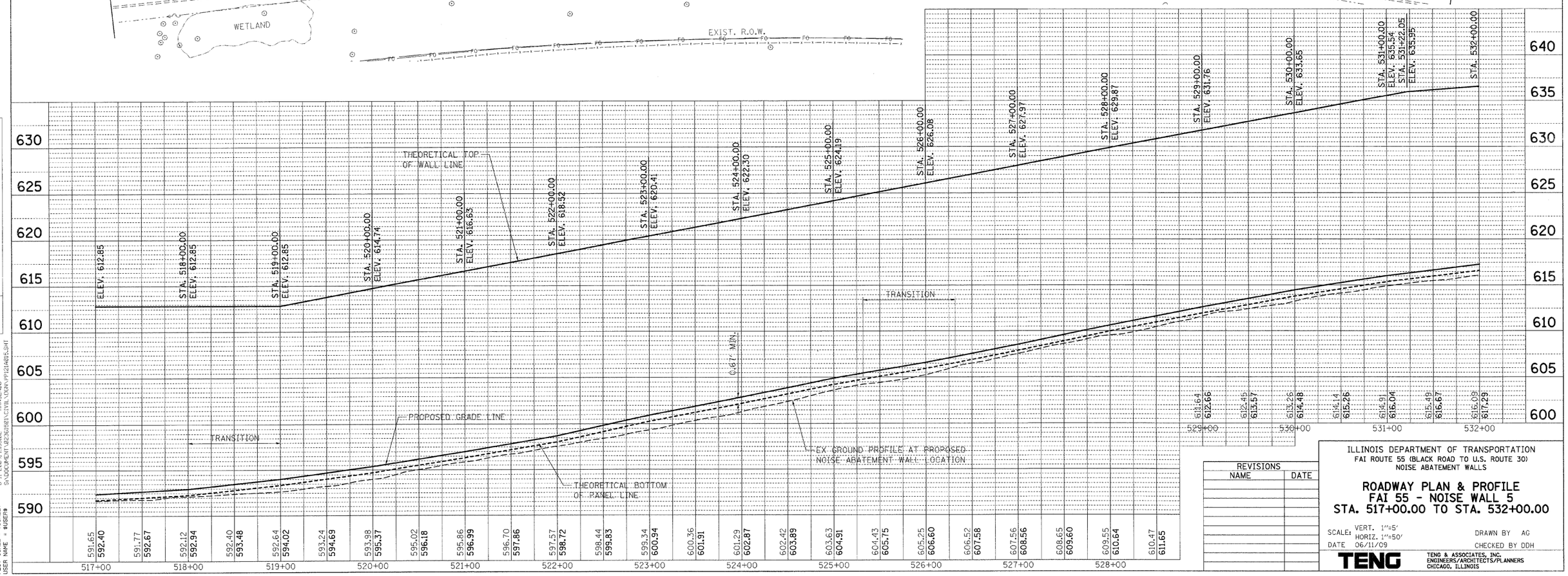
F.A.I. RTE.	SECTION	COUNTY	CONTRACT NO.
55	99 (1&2) I-11	WILL	
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.
2. INCREASE WIDTH OF GUTTER FLAG TO EXISTING EDGE OF PAVEMENT BETWEEN THE STATIONS SHOWN. COST TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR COMB CC&G TB6.24.





REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 517+00.00 TO STA. 532+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 06/11/09

DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
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CADD FILE NAME
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PROFILE
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GRADES CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
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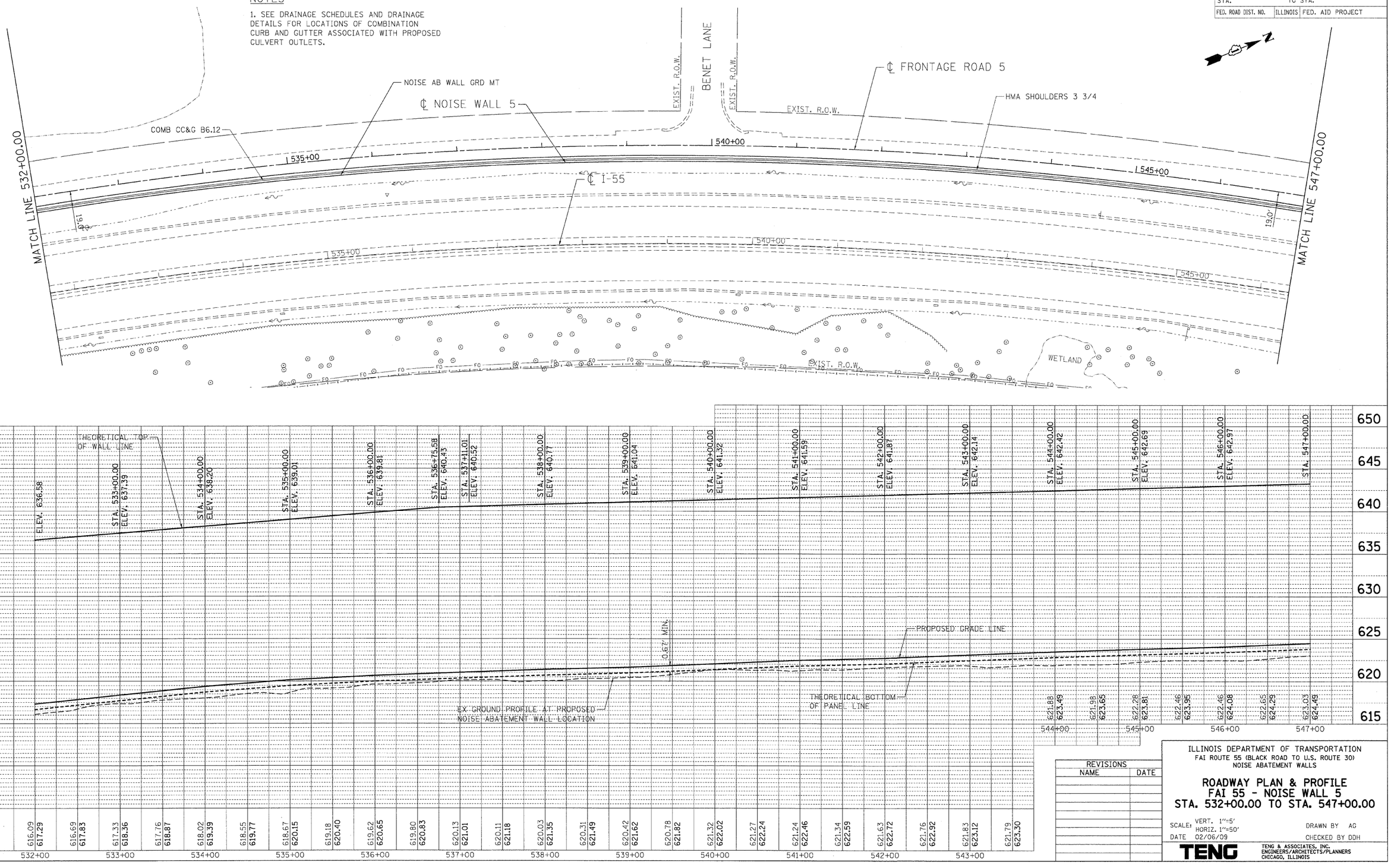
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 532+00.00 TO STA. 547+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN: NOTE BOOK NO. ___ SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME ___ BY ___ DATE ___

PROFILE: NOTE BOOK NO. ___ SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD ___ BY ___ DATE ___

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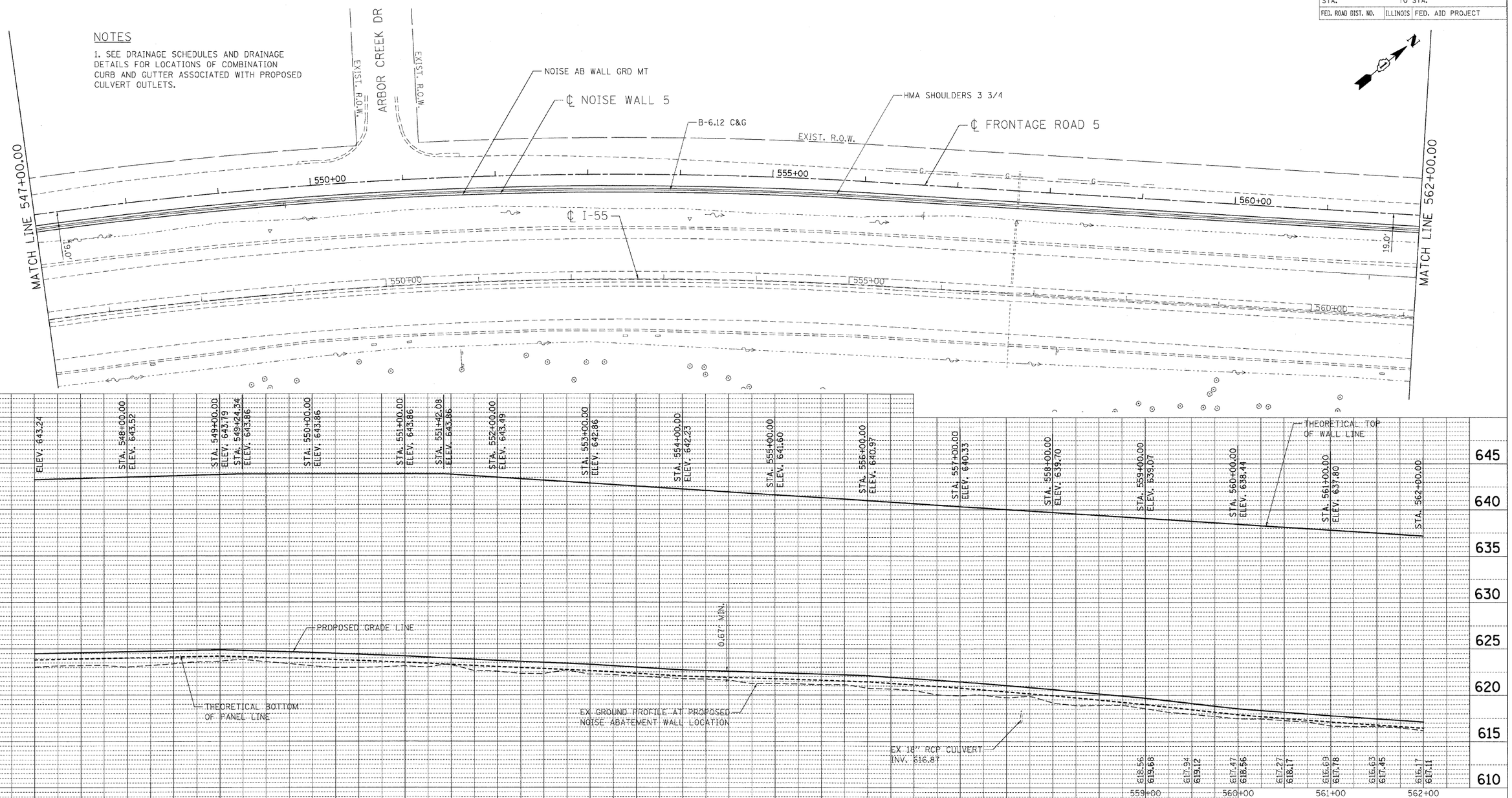
S:\DOCUMENT\02361501\CIVIL\DGN\PP121A016.SHT

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 547+00.00 TO STA. 562+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

DRAWN BY AG
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE DATA NOS. CHKD
NOTE BOOK NO.
BY
DATE

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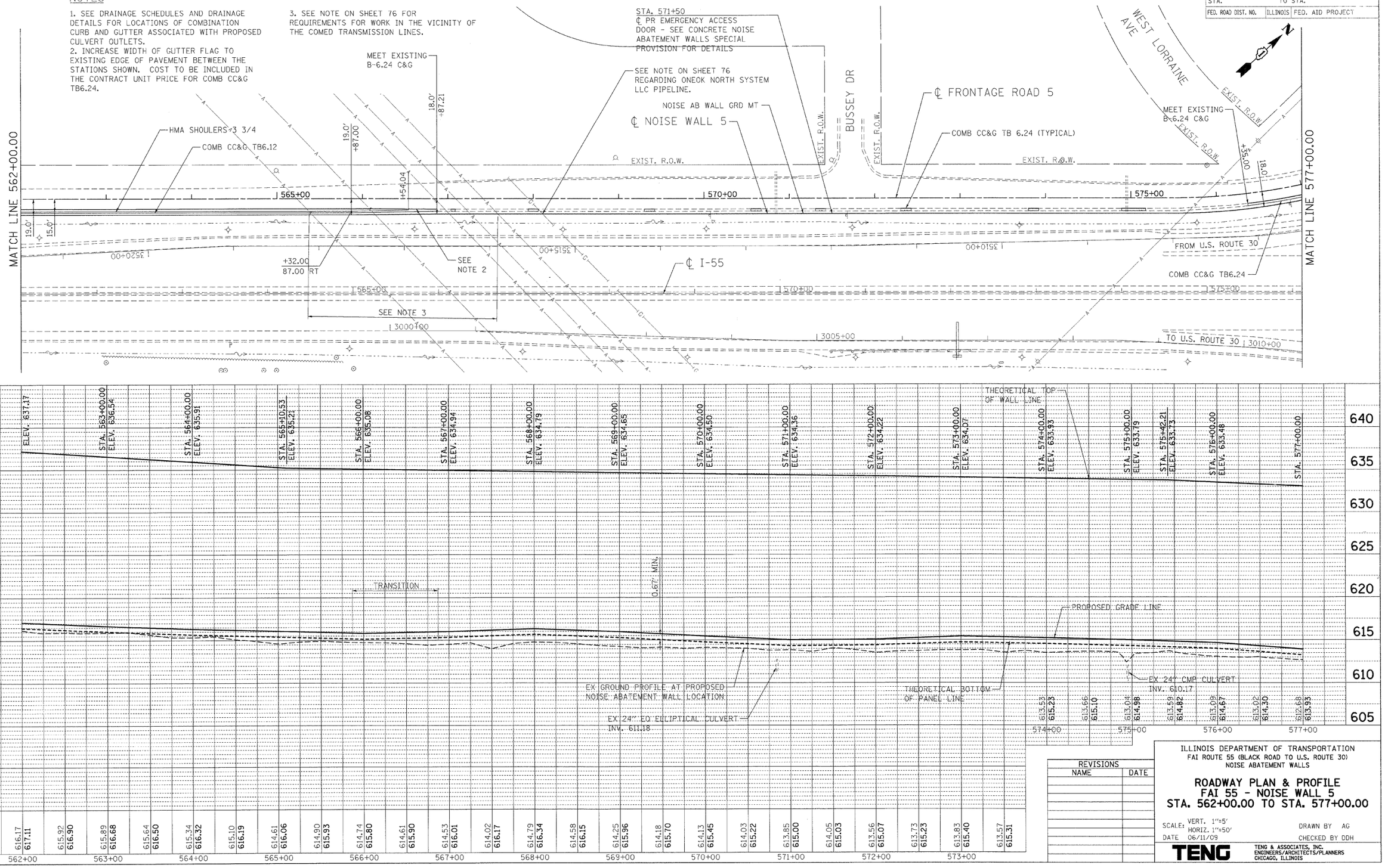
GARCIANZ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	175	90
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.
2. INCREASE WIDTH OF GUTTER FLAG TO EXISTING EDGE OF PAVEMENT BETWEEN THE STATIONS SHOWN. COST TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR COMB CC&G TB6.24.
3. SEE NOTE ON SHEET 76 FOR REQUIREMENTS FOR WORK IN THE VICINITY OF THE COMED TRANSMISSION LINES.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 562+00.00 TO STA. 577+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 06/11/09
DRAWN BY AG
CHECKED BY DDH

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ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / BOX NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. — BY — DATE

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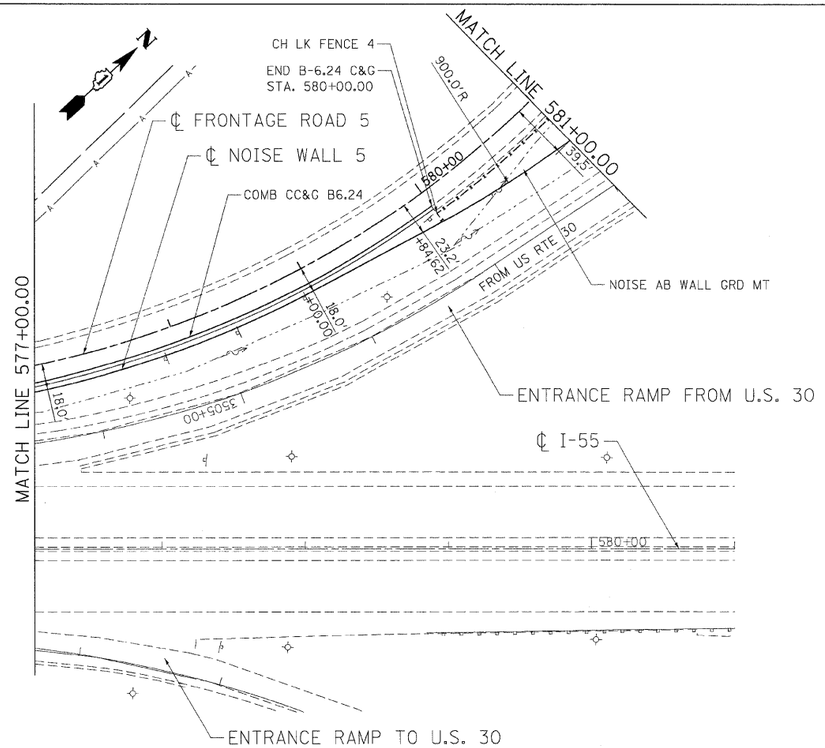
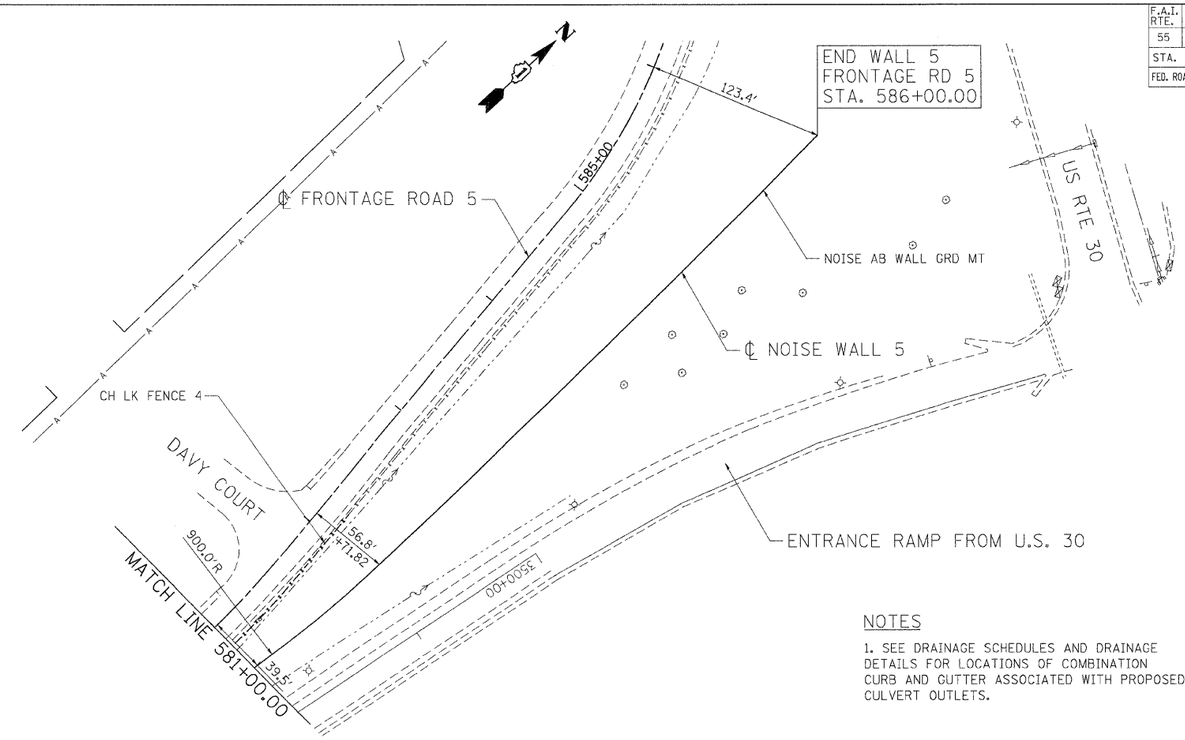
CONTRACT NO. 60B03

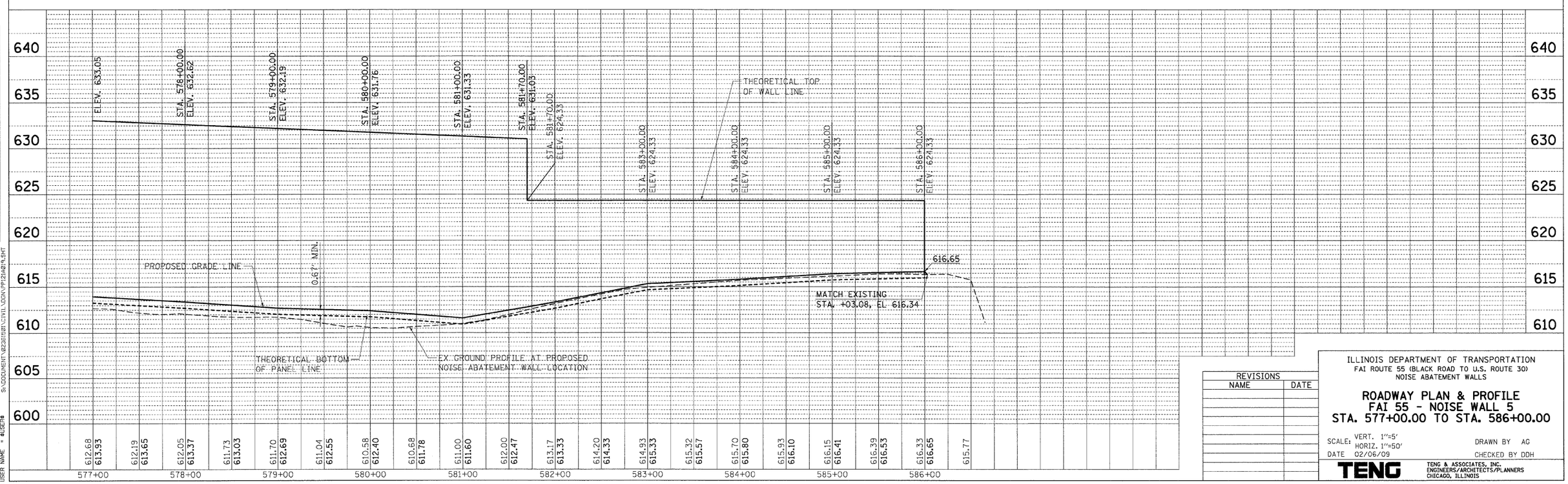
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





NOTES

1. SEE DRAINAGE SCHEDULES AND DRAINAGE DETAILS FOR LOCATIONS OF COMBINATION CURB AND GUTTER ASSOCIATED WITH PROPOSED CULVERT OUTLETS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

ROADWAY PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 577+00.00 TO STA. 586+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY AG
CHECKED BY DDH

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ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

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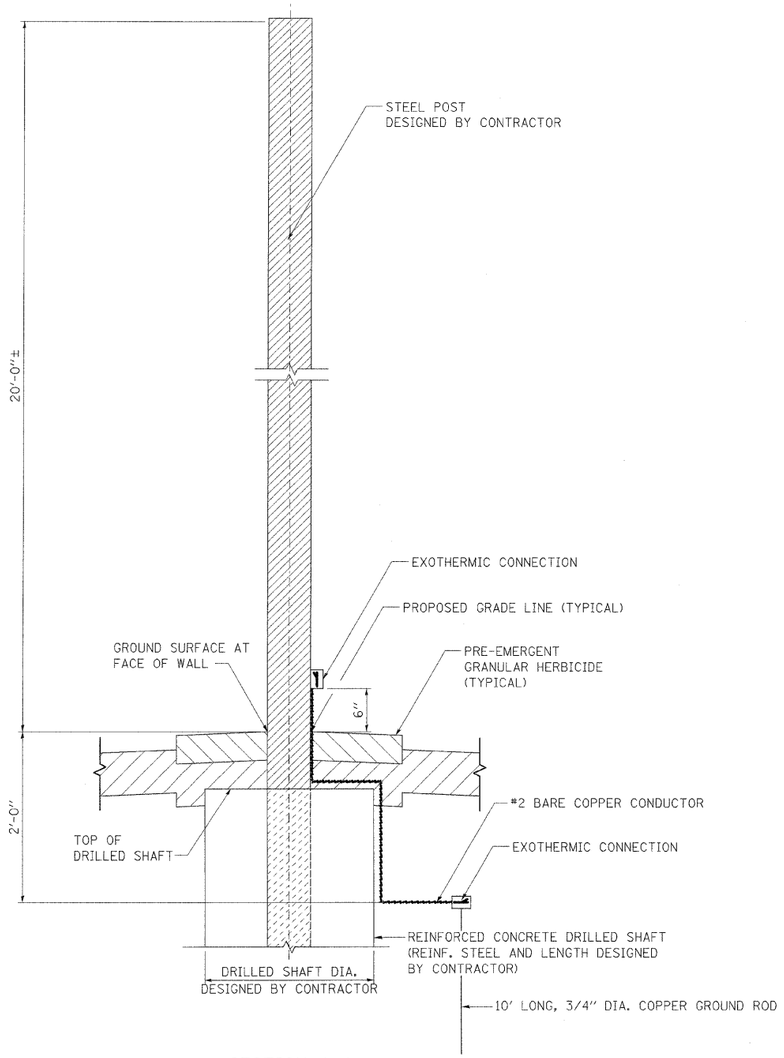
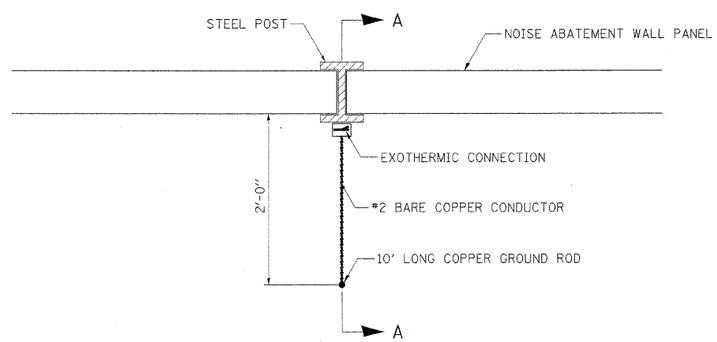
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	41A
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SECTION A-A

FRONTAGE ROAD SIDE OF WALL



I-55 SIDE OF WALL

PLAN SECTION AT SOUND WALL (LOOKING DOWN)

TYPICAL SOUND WALL GROUNDING

PROVIDE AT EACH POST WITHIN COMED PROPERTY
OR WITHIN 30' OF OVERHEAD TRANSMISSION WIRES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

NOISE ABATEMENT WALL, GROUND MOUNTED GROUNDING DETAILS FOR STEEL POSTS

SCALE: N.T.S. DRAWN BY JFS
DATE 06/11/09 CHECKED BY DDH

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PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
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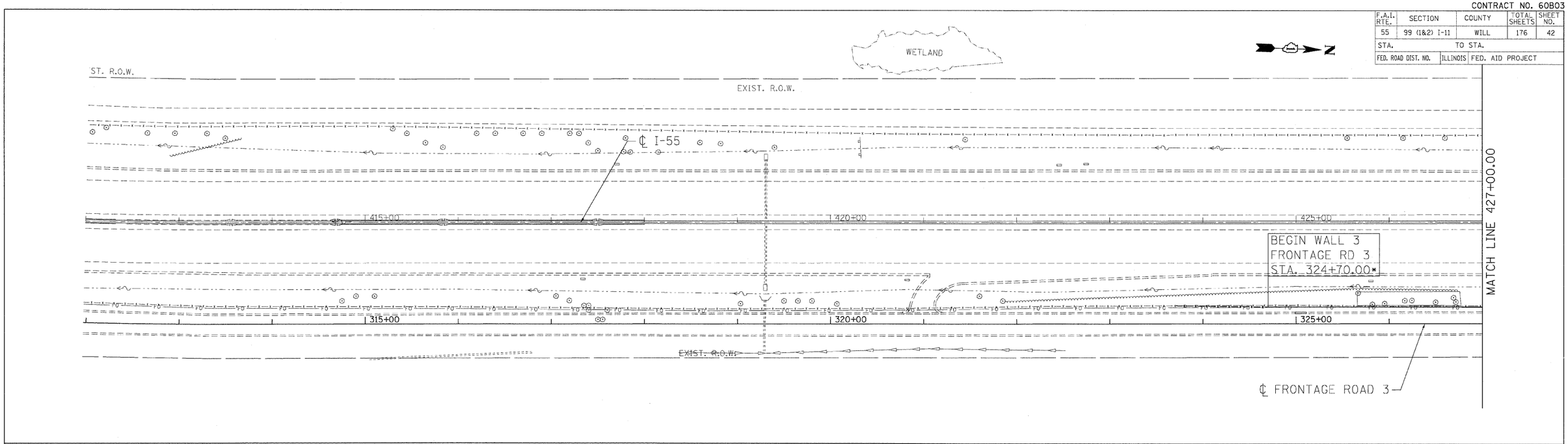
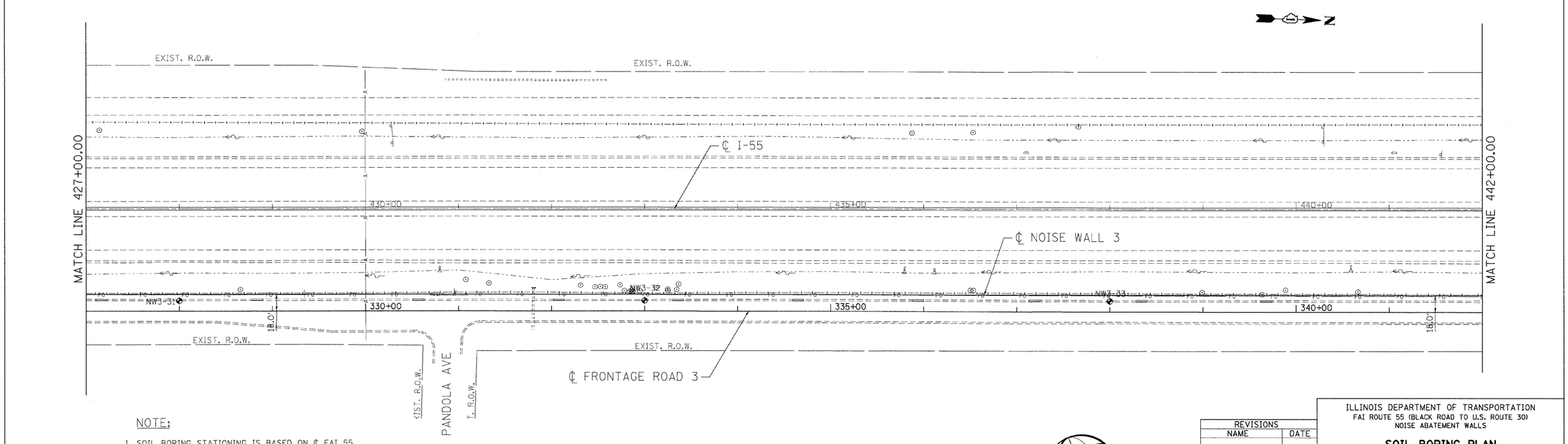
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





NOTE:

1. SOIL BORING STATIONING IS BASED ON ℄ FAI 55. SOIL BORING PROFILE STATIONING IS BASED ON FRONTAGE ROAD STATIONING.

* FAI 55 STA. 424+70.00

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SOIL BORING PLAN
FAI 55
STA. 412+00.00 TO STA. 442+00.00

SCALE: 1"=50'
DRAWN BY SKJ
DATE 02/06/09
CHECKED BY DDH

TENG
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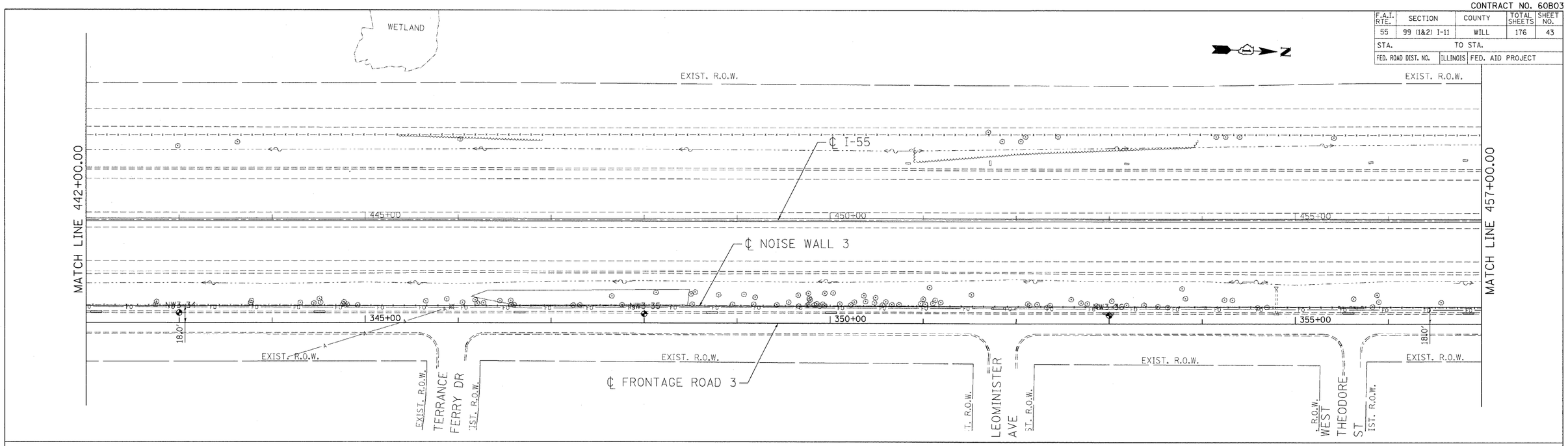
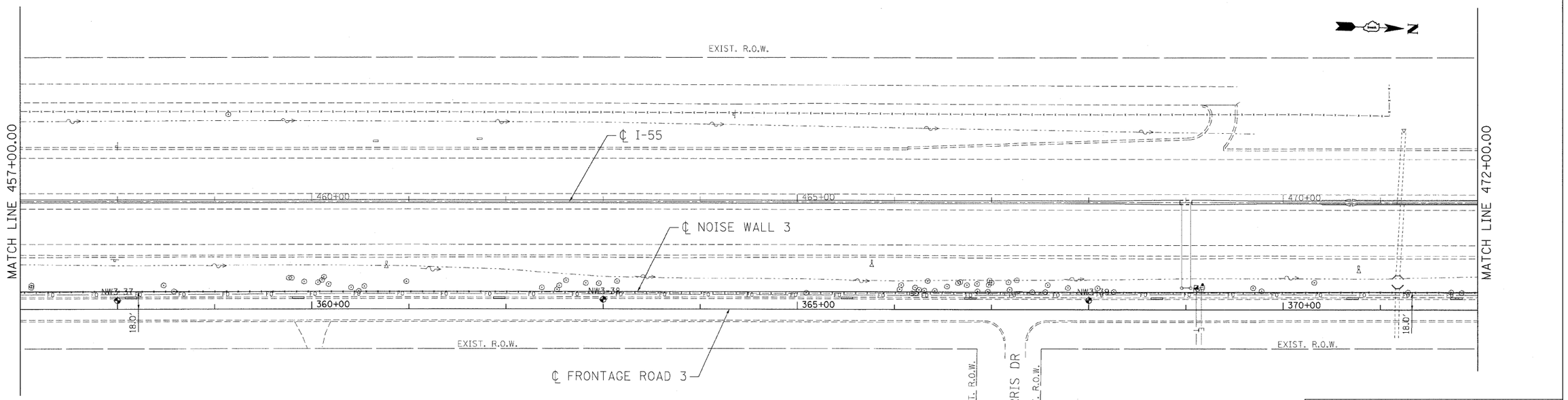
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	43
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





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Naperville, Illinois 60565
(630) 355-9818

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SOIL BORING PLAN
FAI 55
STA. 442+00.00 TO STA. 472+00.00

SCALE: 1"=50' DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG
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CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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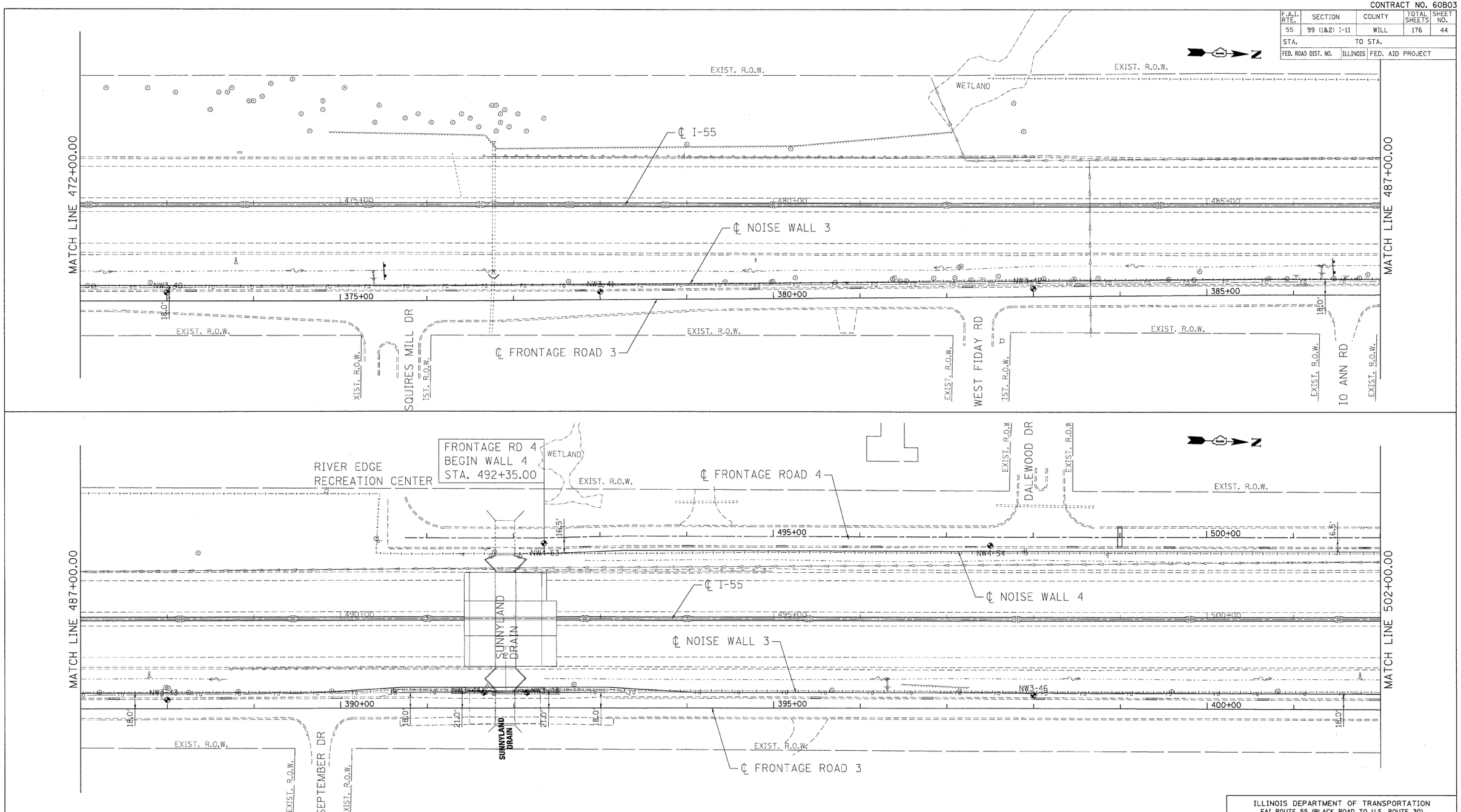
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

Geo Services Inc.
Geotechnical, Environmental & Civil Engineering
805 Ambersey Court, Suite 204
Naperville, Illinois 60565
(630) 355-5878

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SOIL BORING PLAN
FAI 55
STA. 472+00.00 TO STA. 502+00.00

SCALE: 1"=50'
DRAWN BY SKJ
DATE 02/06/09
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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CONTRACT NO. 60B03

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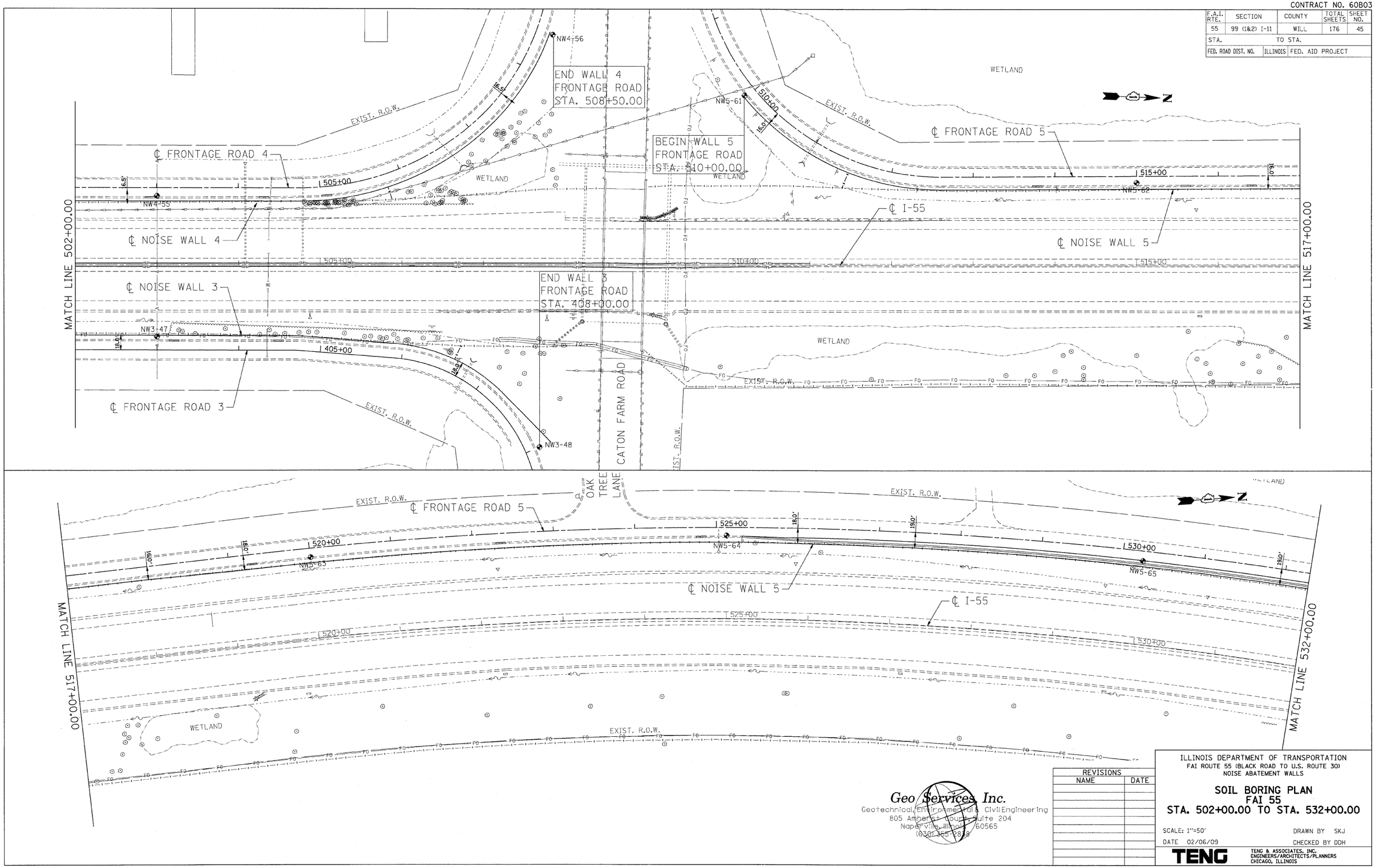
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Ambert Court, Suite 204
Naperville, Illinois 60565
(630) 355-2818

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SOIL BORING PLAN
FAI 55
STA. 502+00.00 TO STA. 532+00.00

SCALE: 1"=50' DRAWN BY SKJ
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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CONTRACT NO. 60B03

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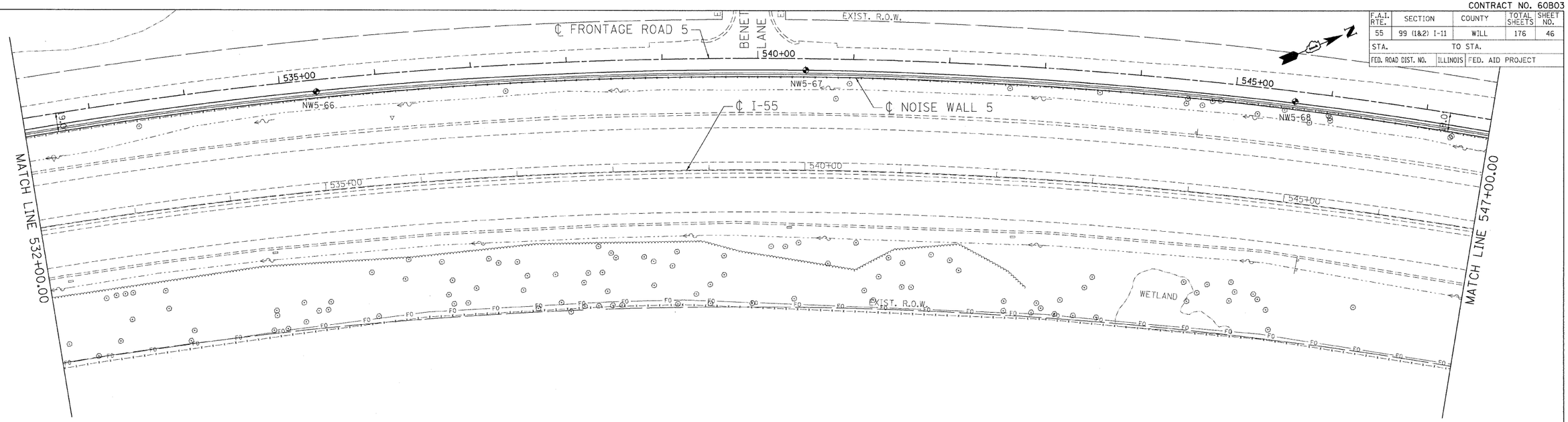
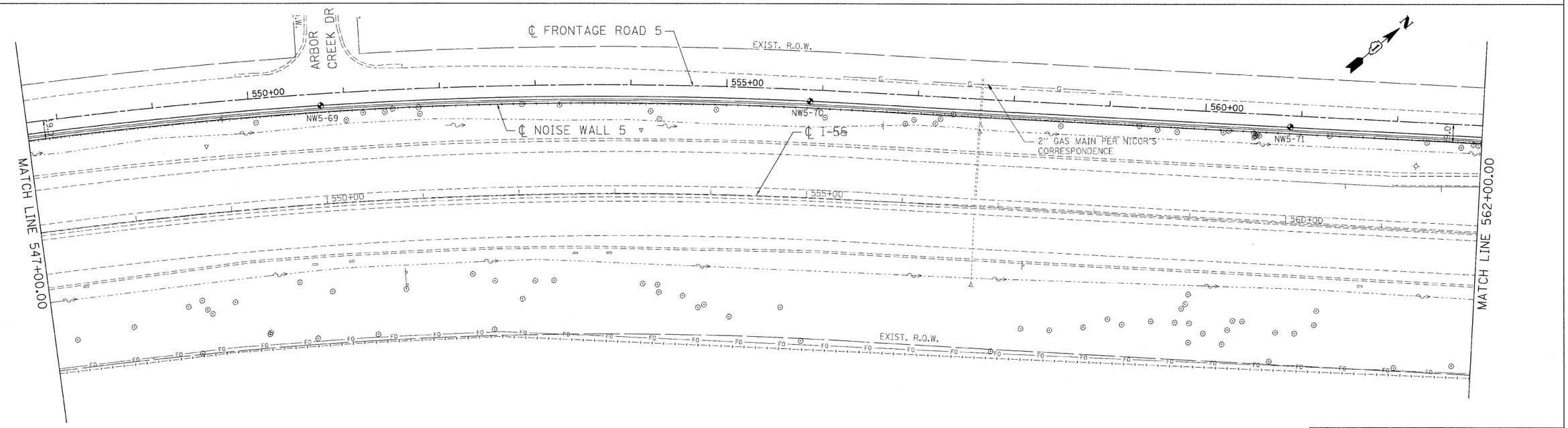
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





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Geotechnical, Environmental & Civil Engineering
805 Ambers Court, Suite 204
Naperville, Illinois 60565
(630) 355-7818

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SOIL BORING PLAN
FAI 55
STA. 532+00.00 TO STA. 562+00.00

SCALE: 1"=50'
DRAWN BY SKJ
DATE 02/06/09
CHECKED BY DDH

TENG
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ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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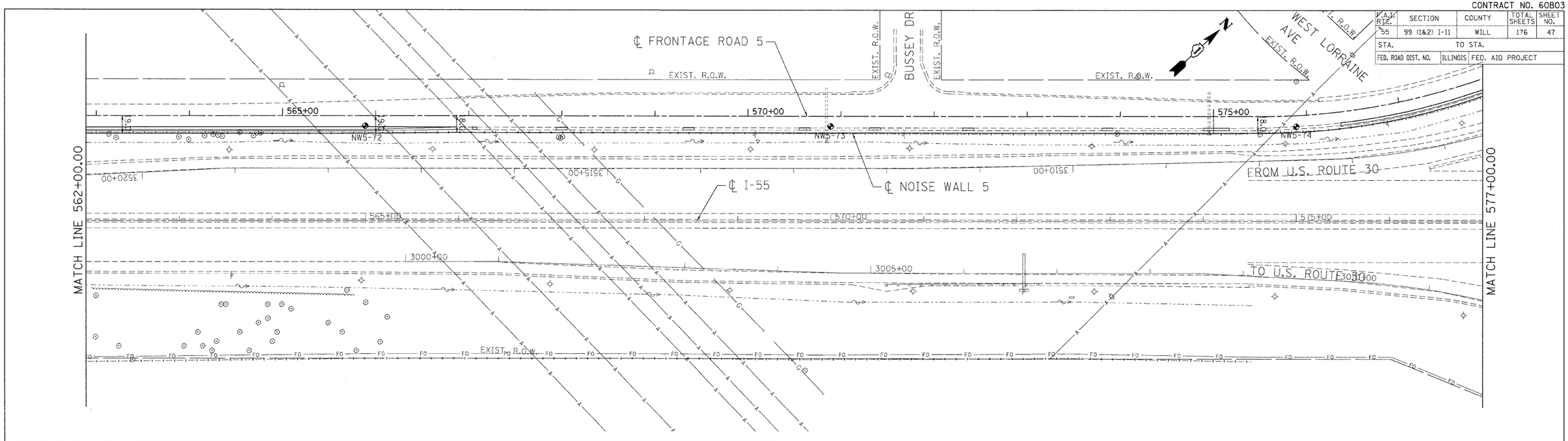

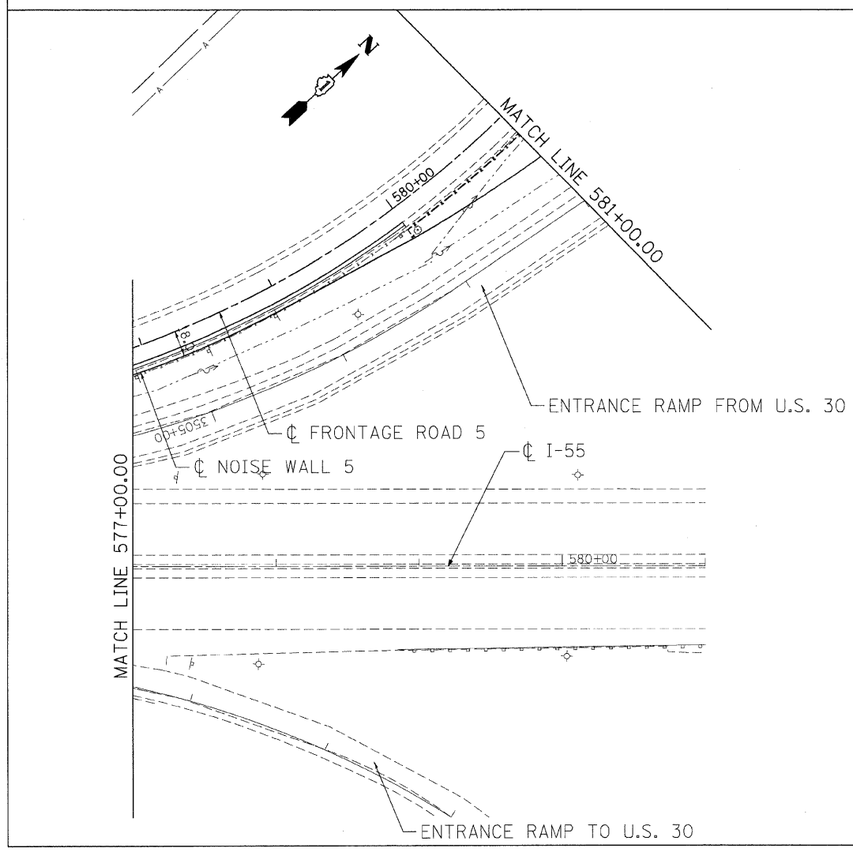

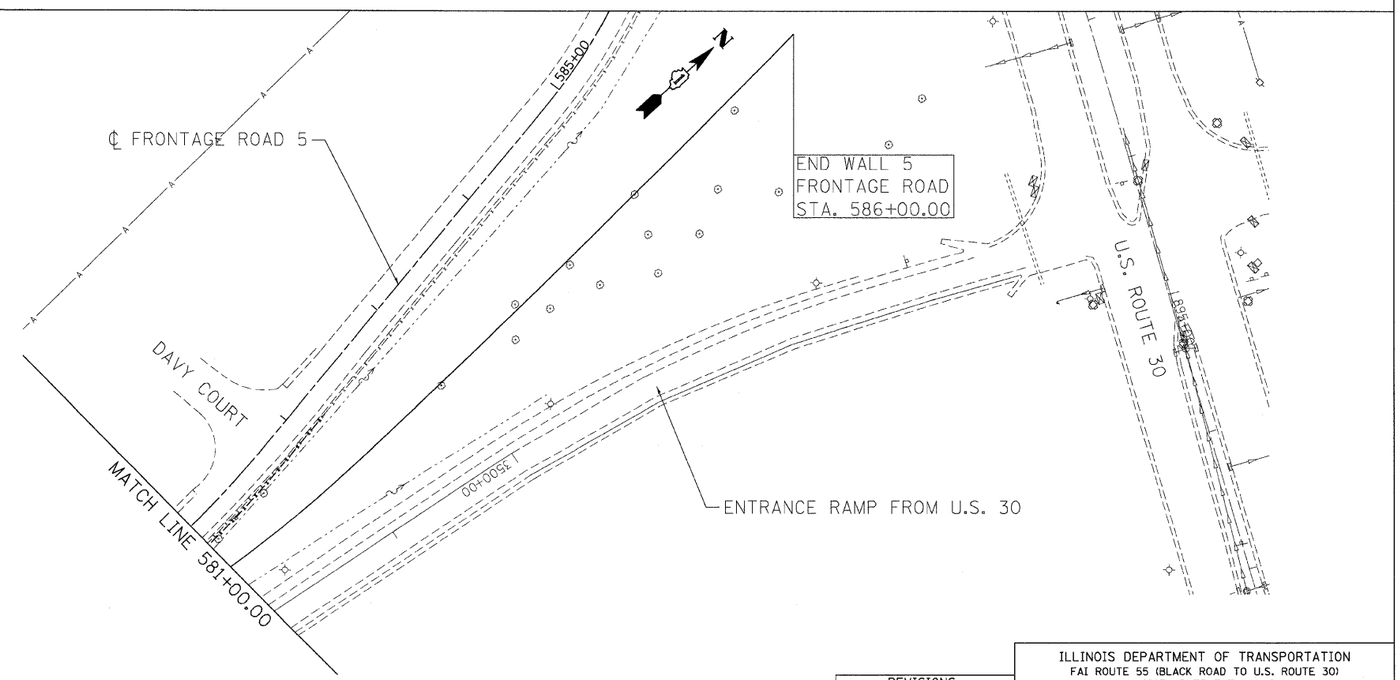

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ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SOIL BORING PLAN
FAI 55
STA. 562+00.00 TO STA. 581+00.00

SCALE: 1"=50'
DRAWN BY SKJ
DATE 02/06/09
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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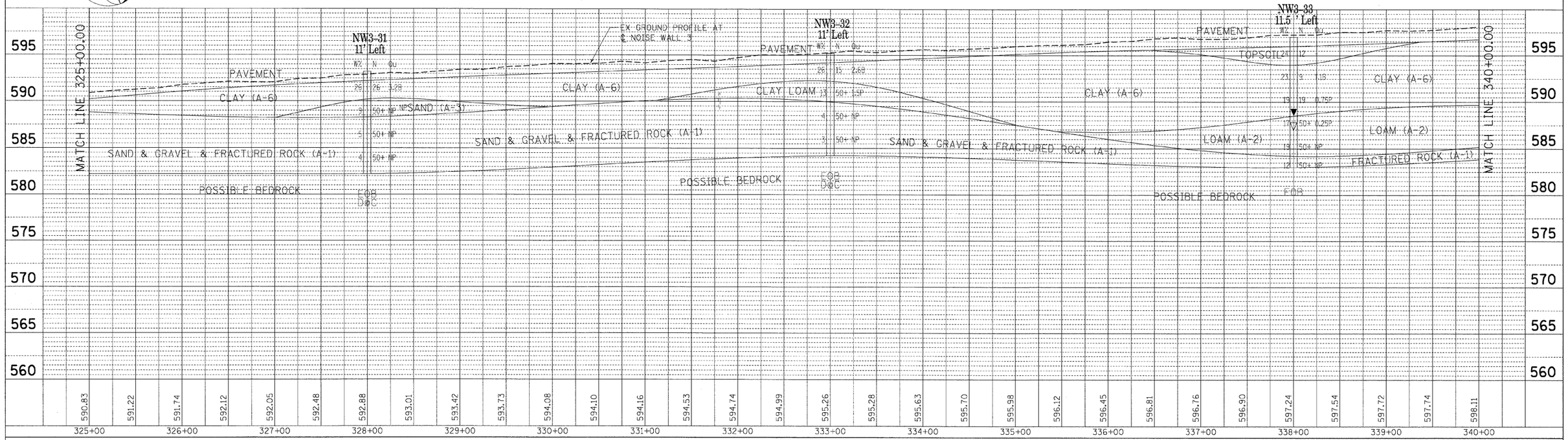
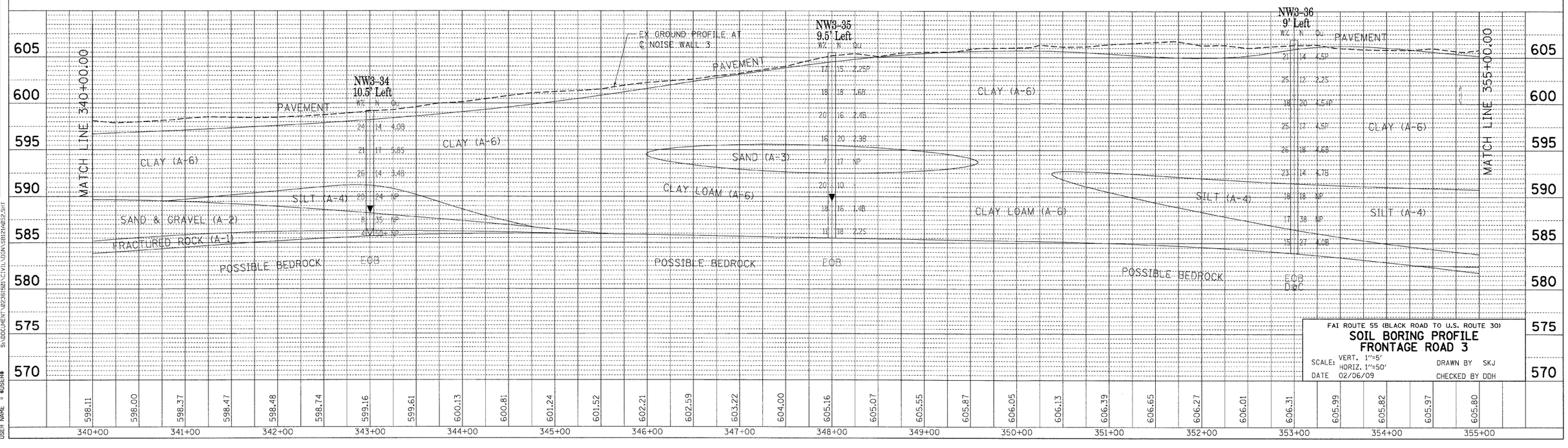
CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	48
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2828





FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)

SOIL BORING PROFILE
FRONTAGE ROAD 3

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY SKJ
CHECKED BY DDH

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CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services Inc.
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Naperville, Illinois 60565
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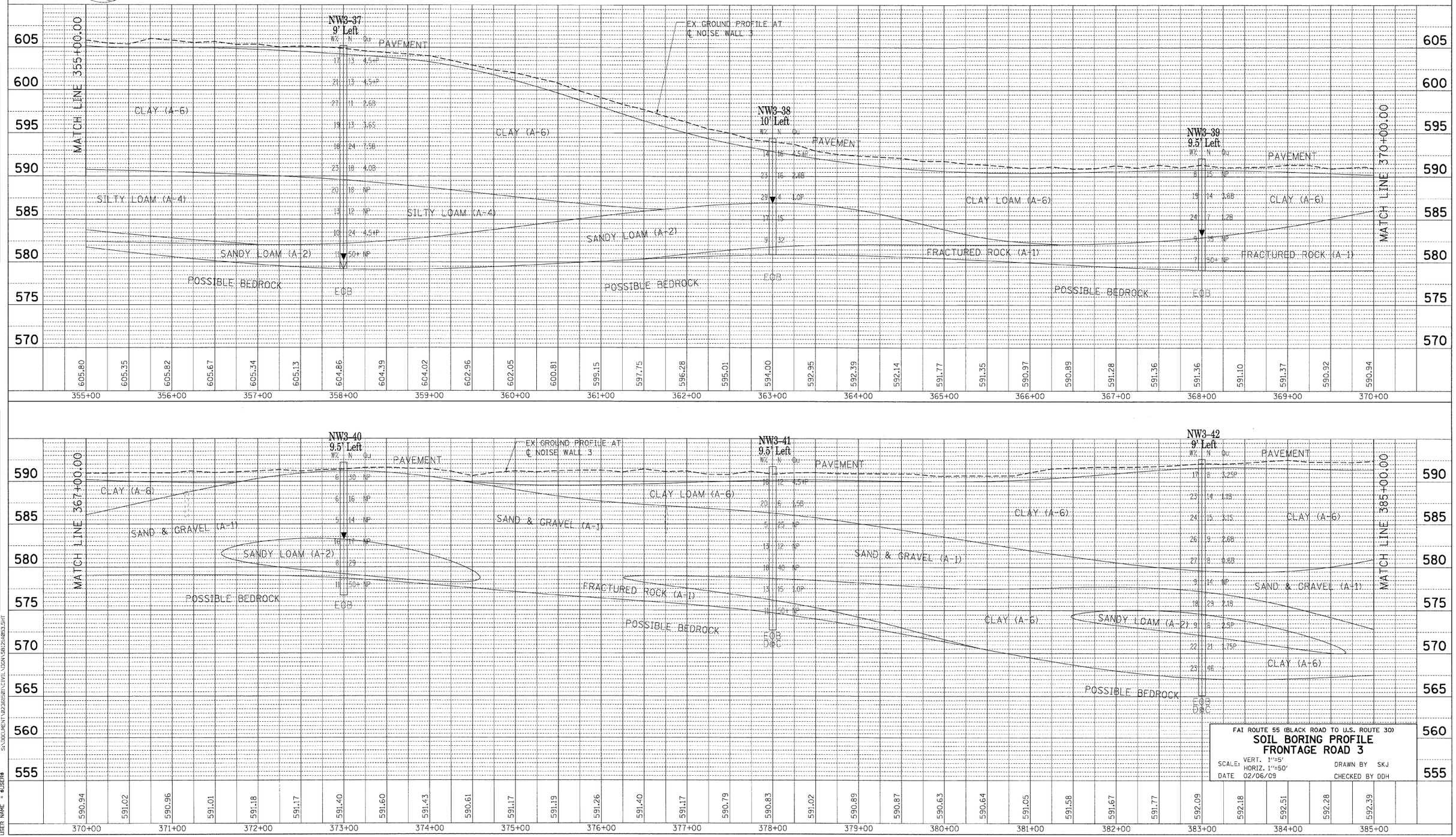

FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)

SOIL BORING PROFILE
FRONTAGE ROAD 3

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

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CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	50
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
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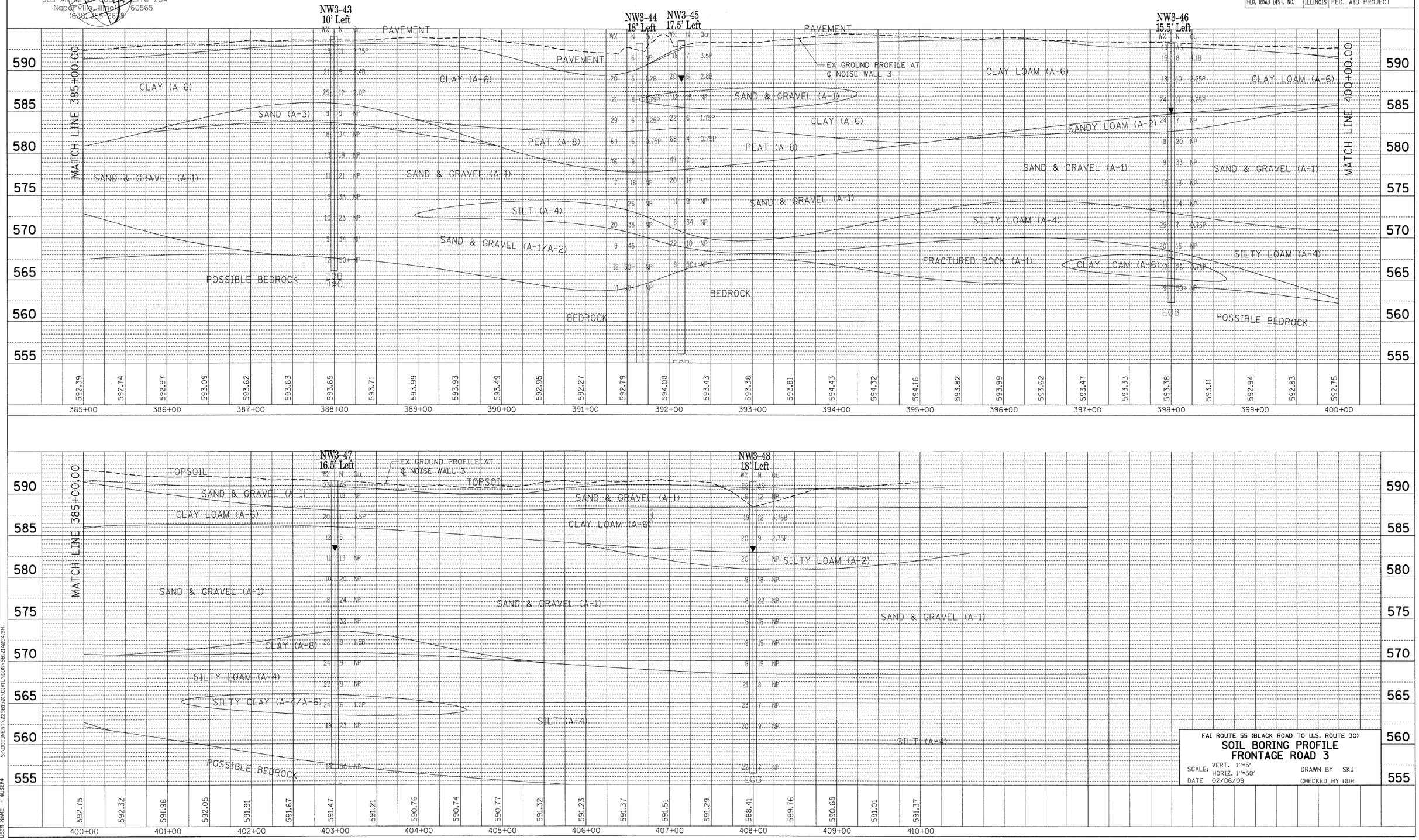
Naperville, Illinois 60565
(630) 355-2838



FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)

SOIL BORING PROFILE
FRONTAGE ROAD 3

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY SKJ
CHECKED BY DDH

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RT. OF WAY CHECKED
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GRADES CHECKED
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STRUCTURE NOTATNS CHKD
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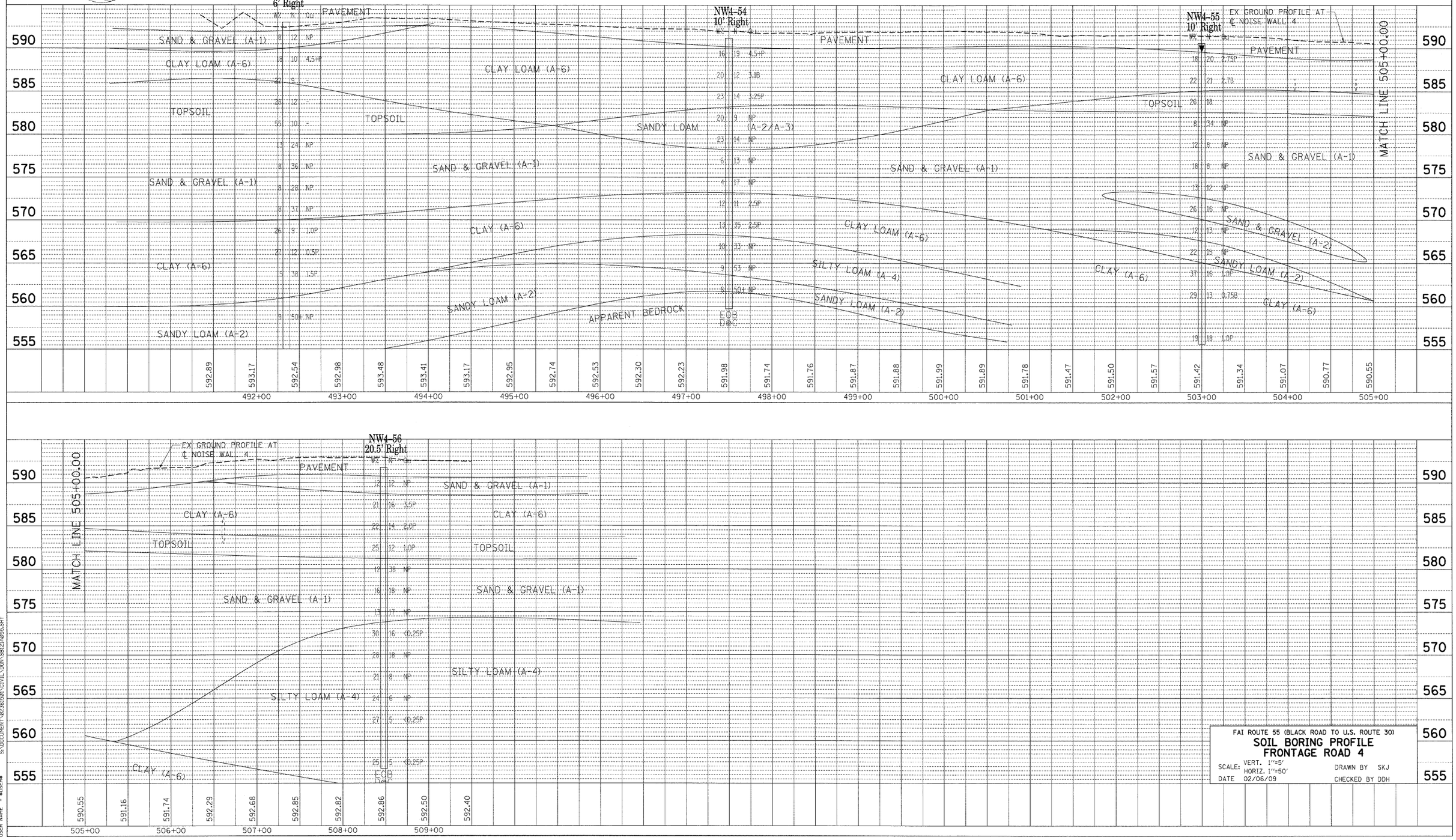
CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	51
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2828



FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)

SOIL BORING PROFILE
FRONTAGE ROAD 4

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY SKJ
CHECKED BY DDH

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PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

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CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
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Naperville, Illinois 60565
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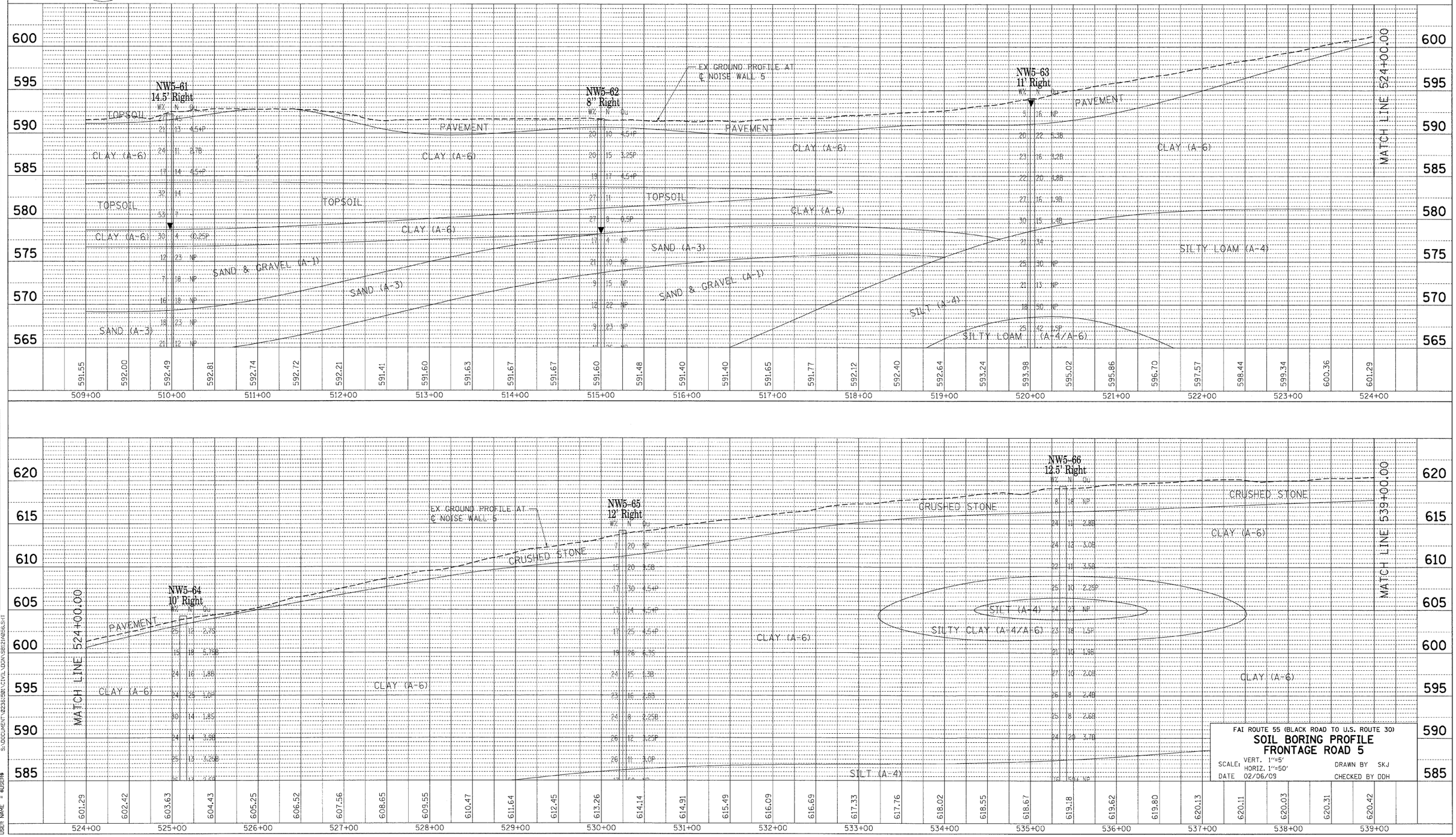

FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)

SOIL BORING PROFILE
FRONTAGE ROAD 5

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY SKJ
CHECKED BY DDH

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

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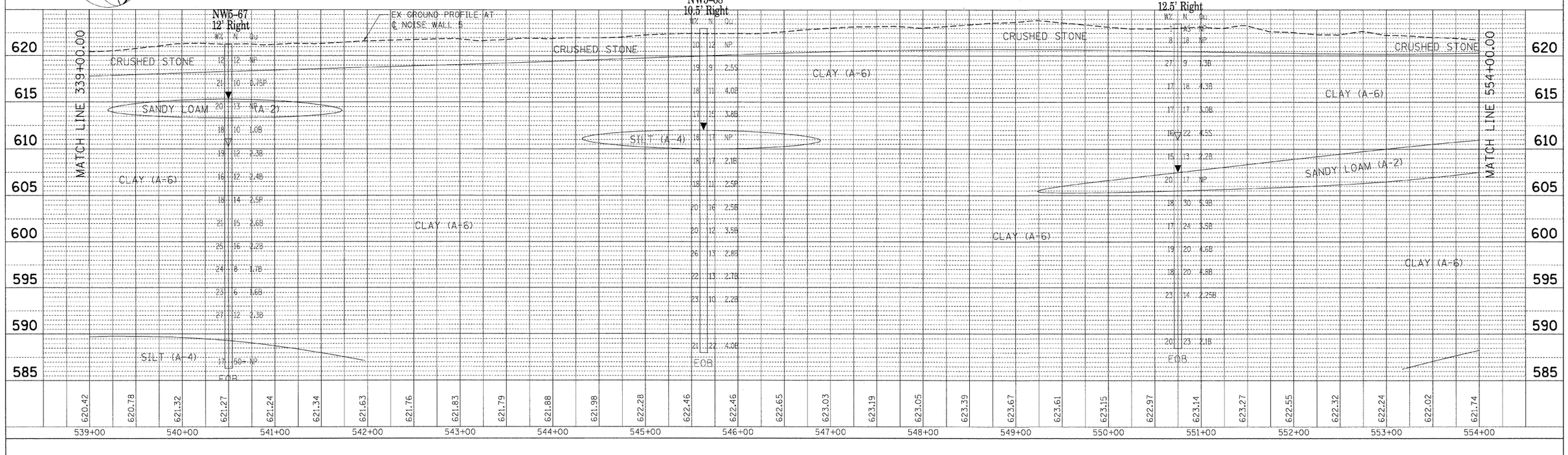
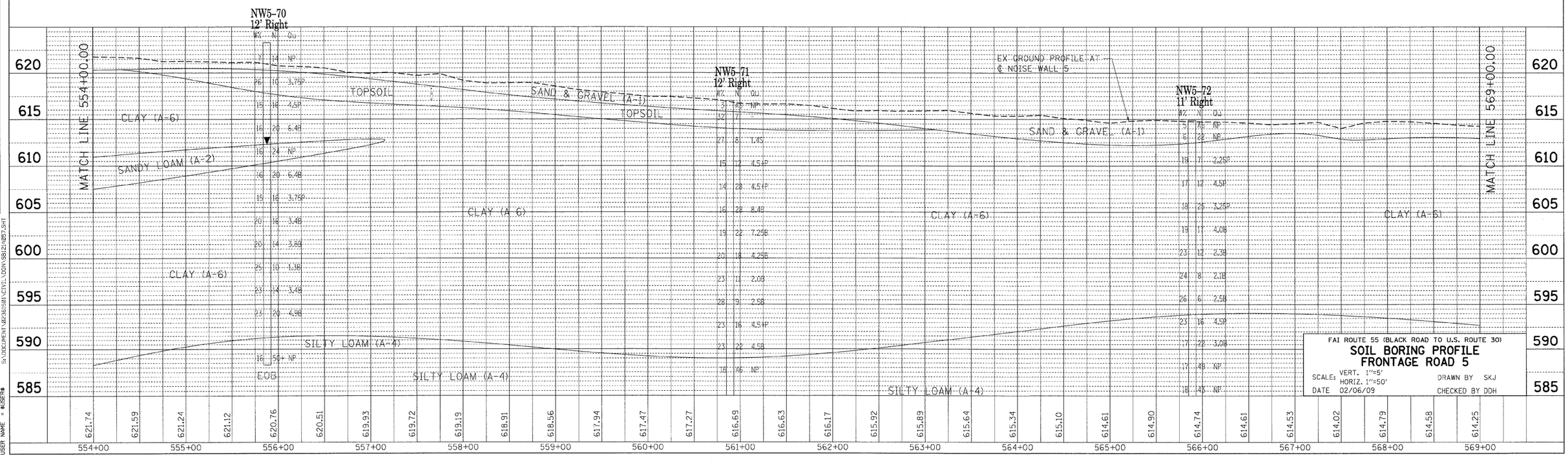
CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	53
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2818





FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)

SOIL BORING PROFILE
FRONTAGE ROAD 5

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY SKJ
CHECKED BY DDH

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ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

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GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
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CONTRACT NO. 60B03

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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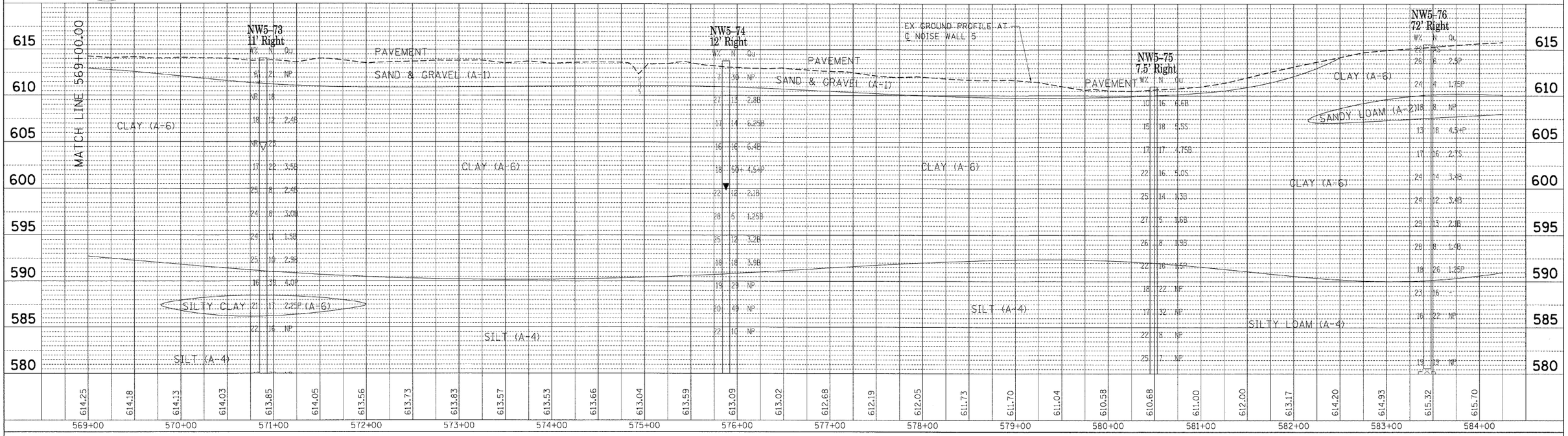
Naperville, Illinois 60565
(630) 355-2828



FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)

SOIL BORING PROFILE
FRONTAGE ROAD 5

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY SKJ
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CONTRACT NO. 60B03

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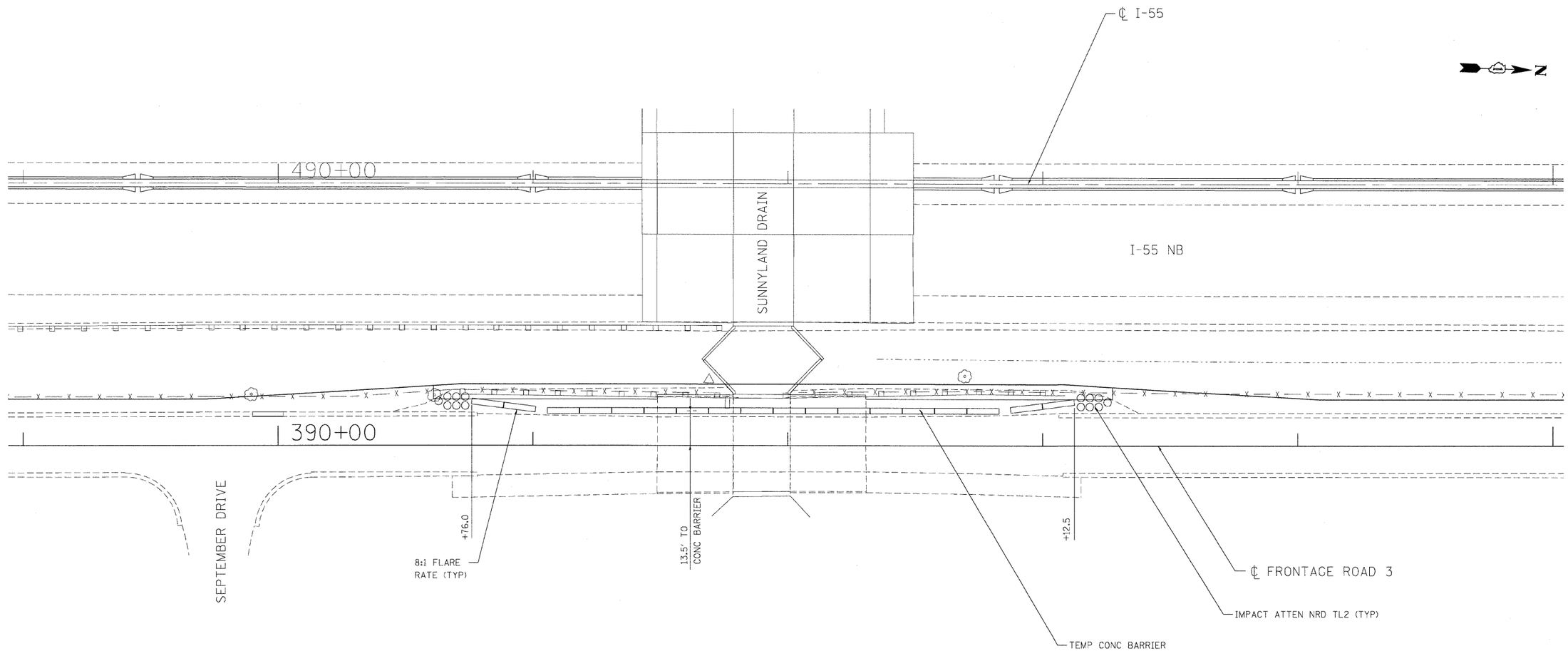
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE:

TEMP CONC BARRIER AND IMPACT ATTENUATORS SHALL BE PLACED PRIOR TO THE REMOVAL OF EXISTING GUARDRAIL TERMINALS AND AFTER THE RE-ERECTION OF THE TERMINALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

MAINTENANCE OF TRAFFIC DETAIL
FRONTAGE ROAD 3
AT SUNNYLAND DRAIN

SCALE: 20:1 DRAWN BY MZD
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	56
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EROSION AND SEDIMENT CONTROL GENERAL NOTES

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 INSURE 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 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 RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.

21. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.

22. SEE PROPOSED DRAINAGE AND UTILITY PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.

23. 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.

24. 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 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES

SCALE: N.T.S. DRAWN BY JFS
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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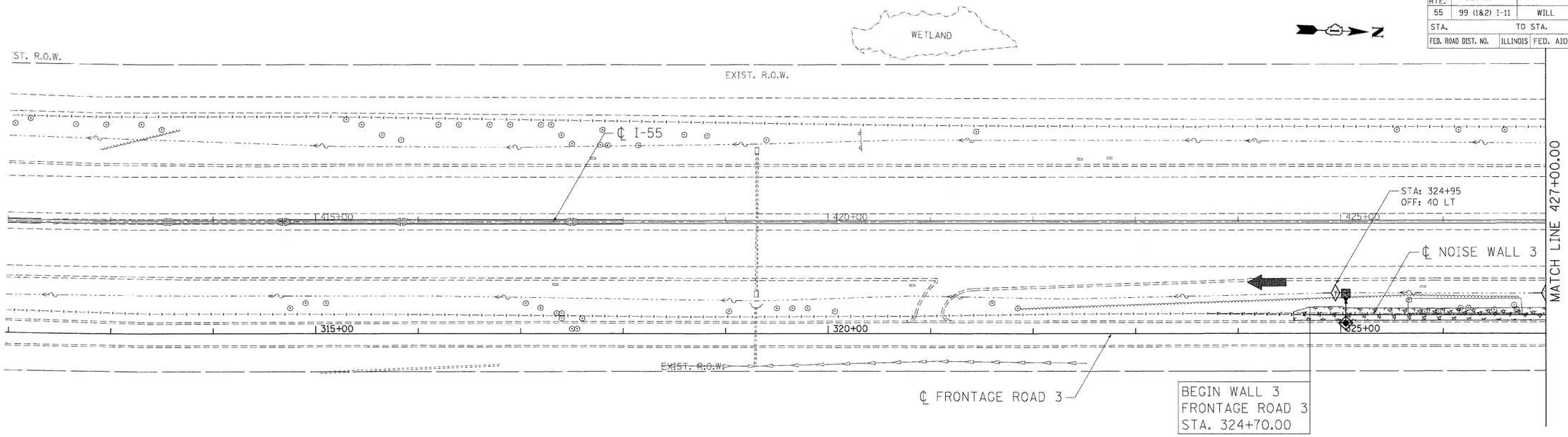
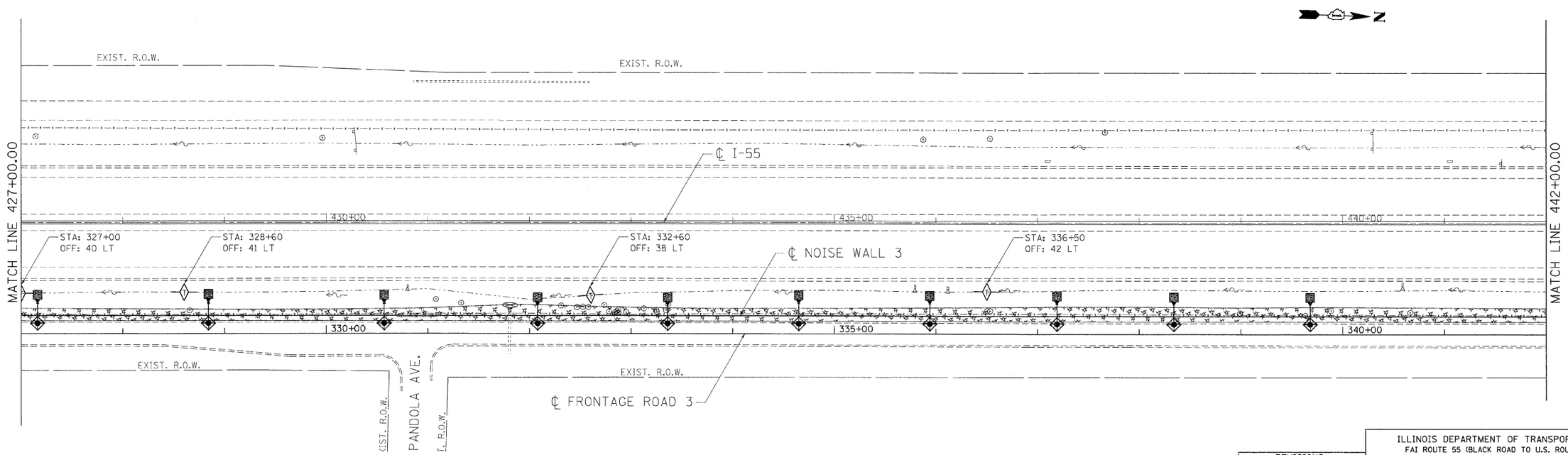
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	57
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 (SEE NOTE)
- RIPRAP CLASS A3
- SEDIMENT CONTROL, SILT FENCE
- INLET AND OUTLET PROTECTION
- OUTLET

NOTE
IF ANY PORTION OF THE PROPOSED NOISE ABATEMENT WALL IS IN PLACE DURING PLACEMENT OF MULCH, THE CONTRACTOR SHALL SHIELD THE WALL FROM DAMAGE BY MULCH AND CHEMICALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

EROSION AND SEDIMENT CONTROL PLAN
FAI 55
STA. 412+00.00 TO STA. 442+00.00

SCALE: 1"=50'
DRAWN BY JFS
DATE 02/06/09
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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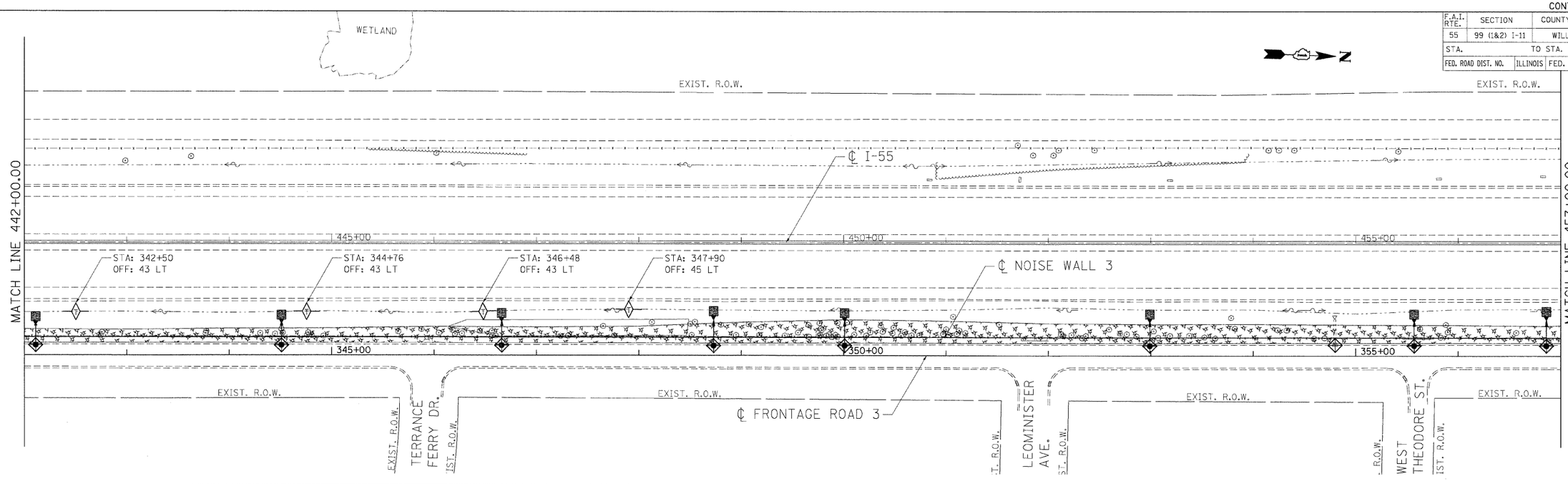
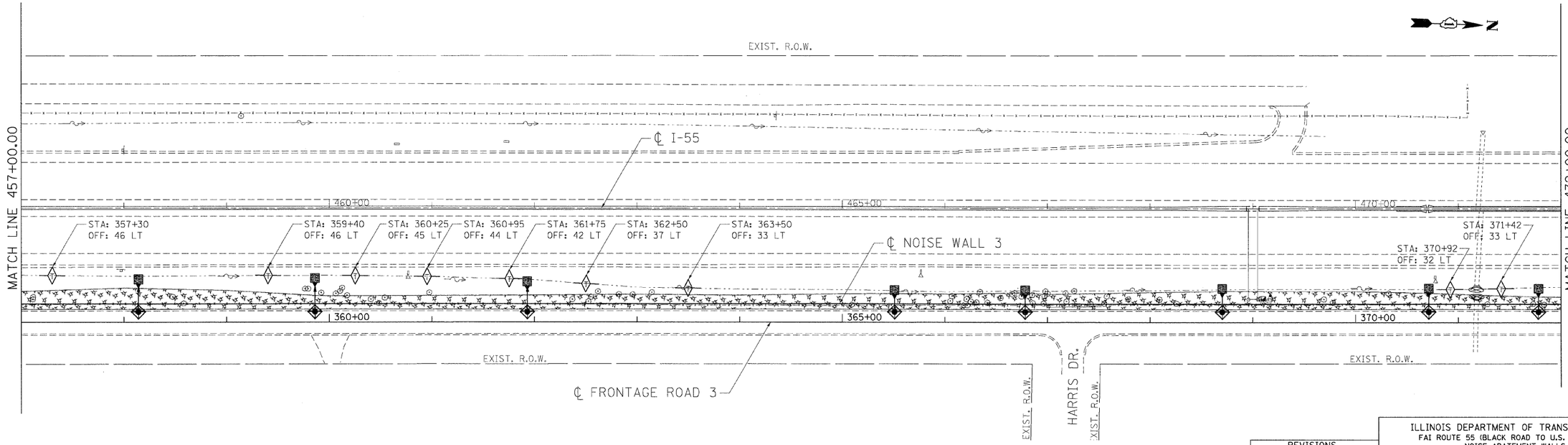
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	58
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 (SEE NOTE)
- RIPRAP CLASS A3
- SEDIMENT CONTROL, SILT FENCE
- INLET AND OUTLET PROTECTION
- OUTLET

NOTE
IF ANY PORTION OF THE PROPOSED NOISE ABATEMENT WALL IS IN PLACE DURING PLACEMENT OF MULCH, THE CONTRACTOR SHALL SHIELD THE WALL FROM DAMAGE BY MULCH AND CHEMICALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

EROSION AND SEDIMENT CONTROL PLAN
FAI 55
STA. 442+00.00 TO STA. 472+00.00

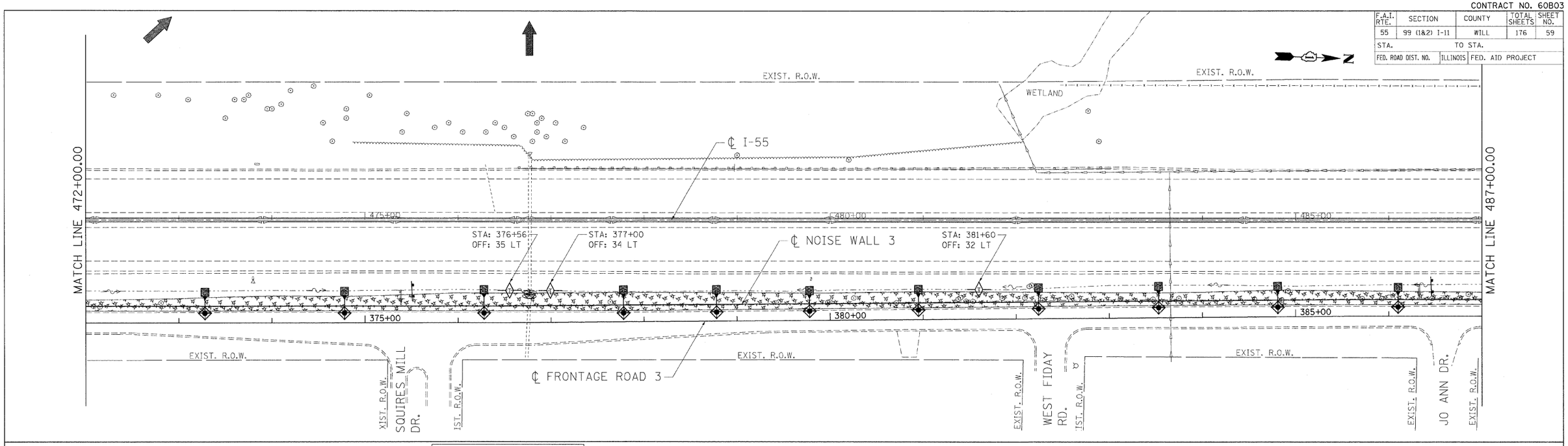
SCALE: 1"=50'
DRAWN BY JFS
DATE 02/06/09
CHECKED BY DDH

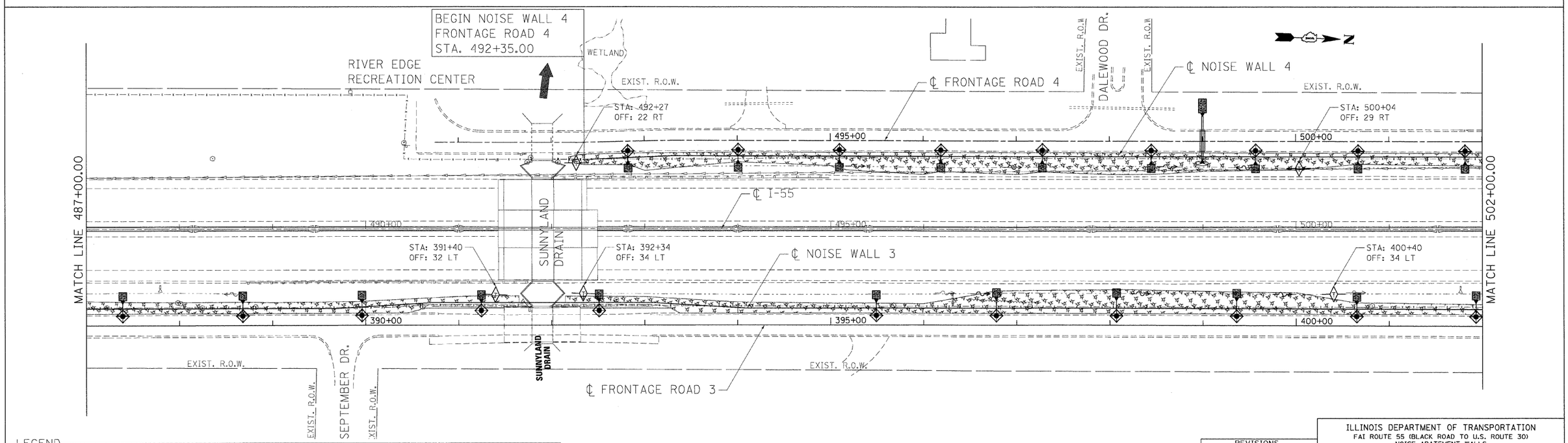
TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	59
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 (SEE NOTE)
- RIPRAP CLASS A3
- SEDIMENT CONTROL, SILT FENCE
- INLET AND OUTLET PROTECTION
- OUTLET

NOTE
IF ANY PORTION OF THE PROPOSED NOISE ABATEMENT WALL IS IN PLACE DURING PLACEMENT OF MULCH, THE CONTRACTOR SHALL SHIELD THE WALL FROM DAMAGE BY MULCH AND CHEMICALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

EROSION AND SEDIMENT CONTROL PLAN
FAI 55
STA. 472+00.00 TO STA. 502+00.00

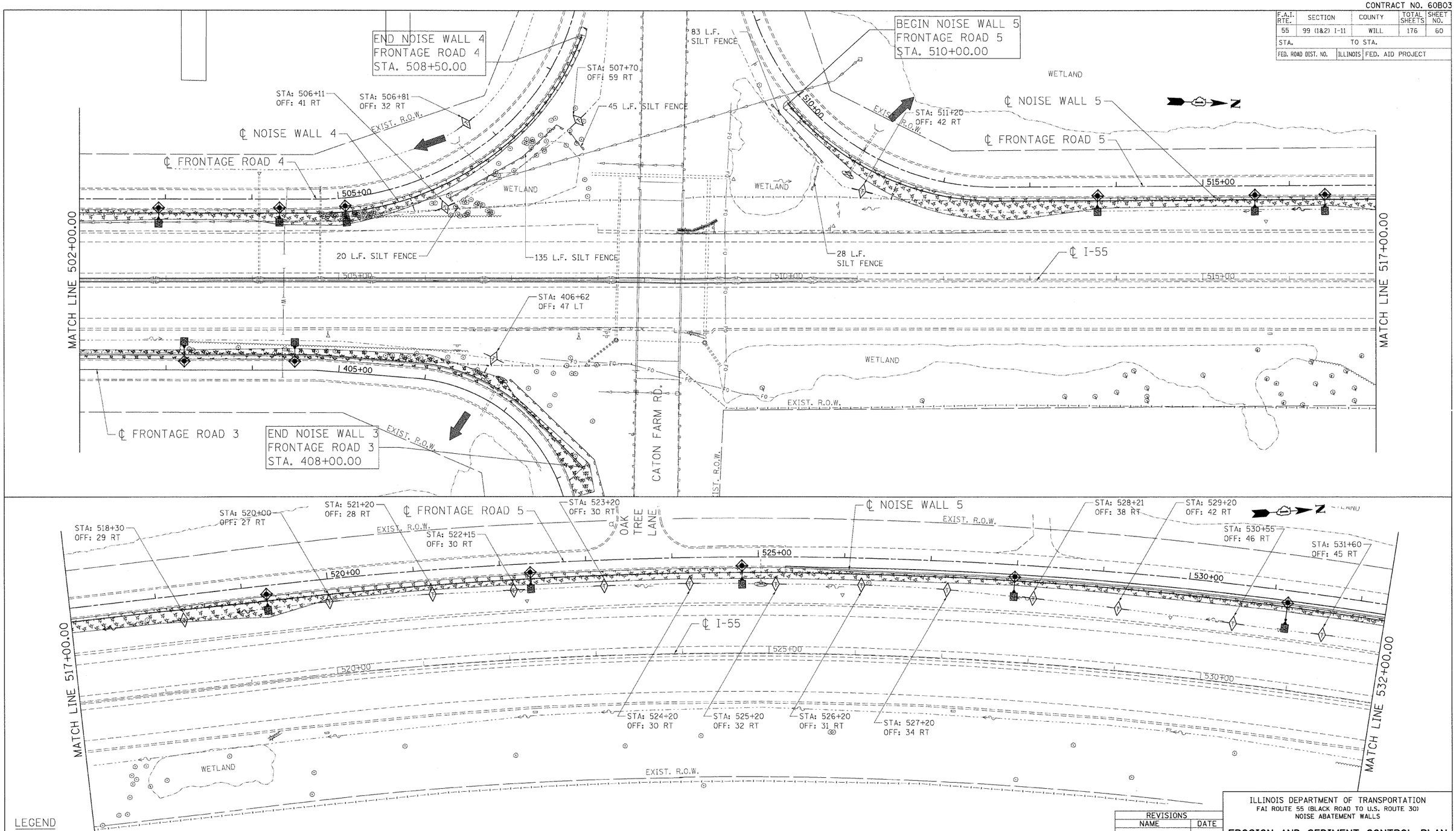
SCALE: 1"=50' DRAWN BY JFS
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	60
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 (SEE NOTE)
- RIPRAP CLASS A3
- SEDIMENT CONTROL, SILT FENCE
- INLET AND OUTLET PROTECTION
- OUTLET

NOTE
IF ANY PORTION OF THE PROPOSED NOISE ABATEMENT WALL IS IN PLACE DURING PLACEMENT OF MULCH, THE CONTRACTOR SHALL SHIELD THE WALL FROM DAMAGE BY MULCH AND CHEMICALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

EROSION AND SEDIMENT CONTROL PLAN
FAI 55
STA. 502+00.00 TO STA. 532+00.00

SCALE: 1"=50' DRAWN BY JFS
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
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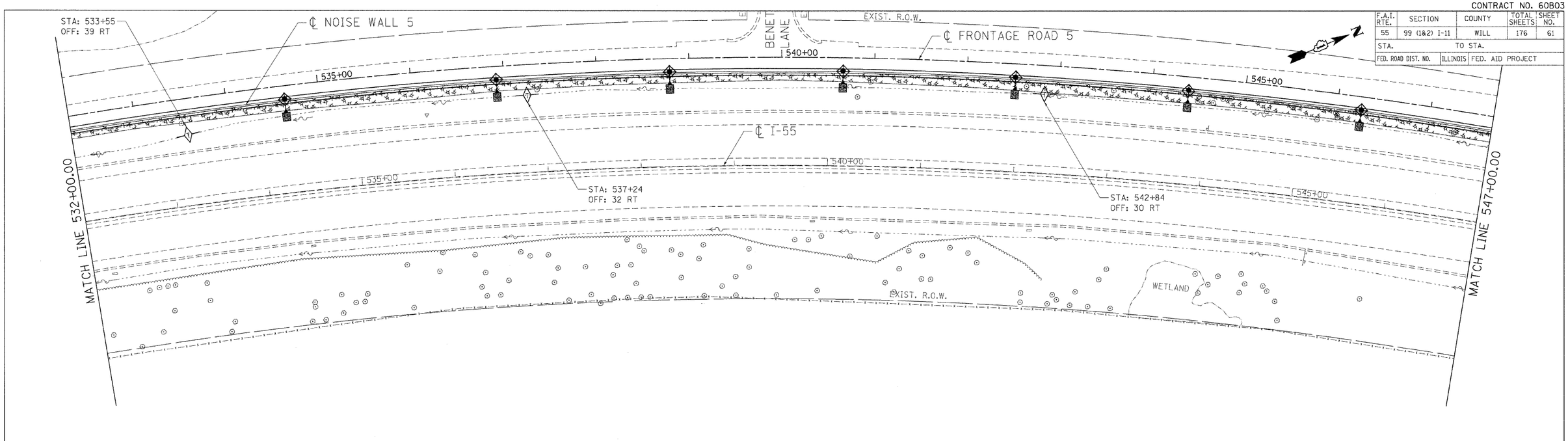
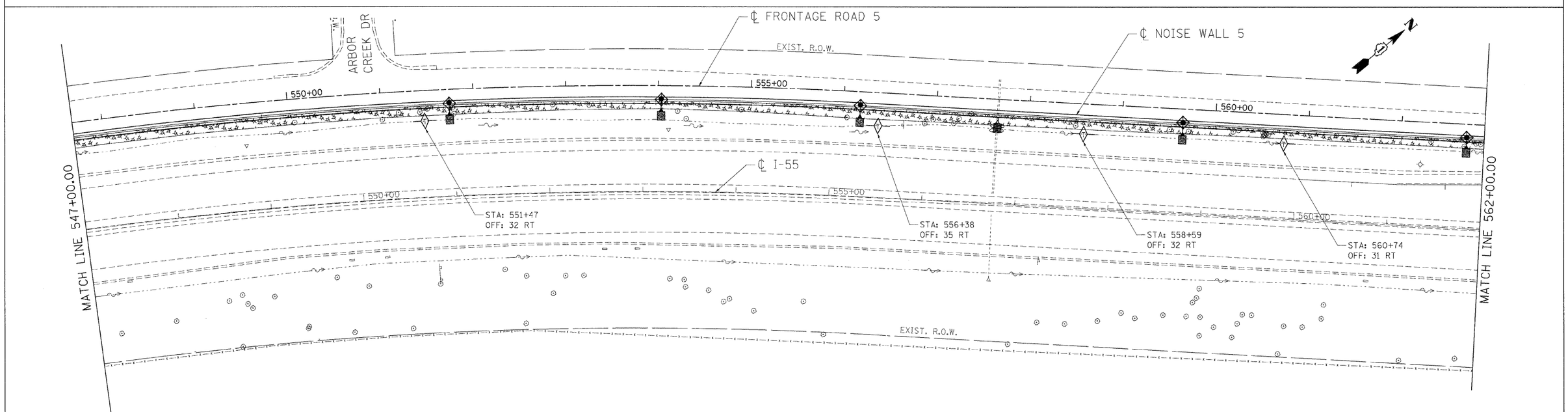
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	61
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 (SEE NOTE)
- RIPRAP CLASS A3
- SEDIMENT CONTROL, SILT FENCE
- INLET AND OUTLET PROTECTION
- OUTLET

NOTE
IF ANY PORTION OF THE PROPOSED NOISE ABATEMENT WALL IS IN PLACE DURING PLACEMENT OF MULCH, THE CONTRACTOR SHALL SHIELD THE WALL FROM DAMAGE BY MULCH AND CHEMICALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

EROSION AND SEDIMENT CONTROL PLAN
FAI 55
STA. 532+00.00 TO STA. 562+00.00

SCALE: 1"=50' DRAWN BY JFS
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
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PLOT SCALE = $SCALE$
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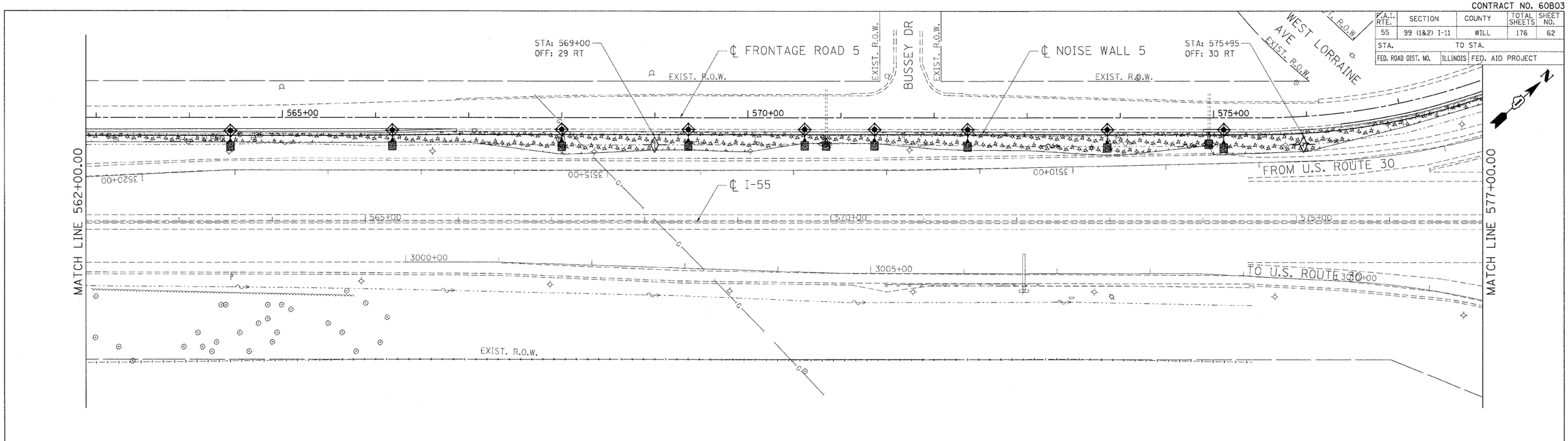
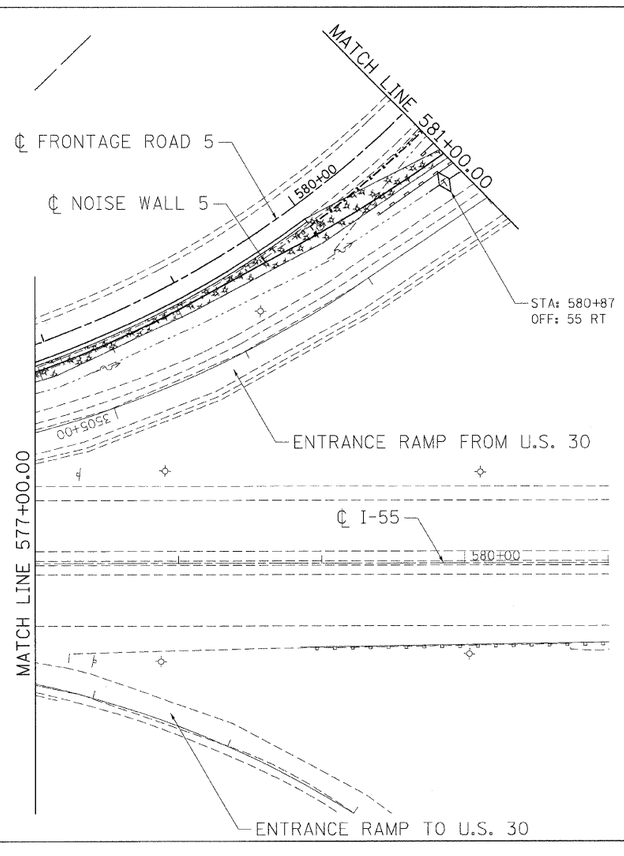
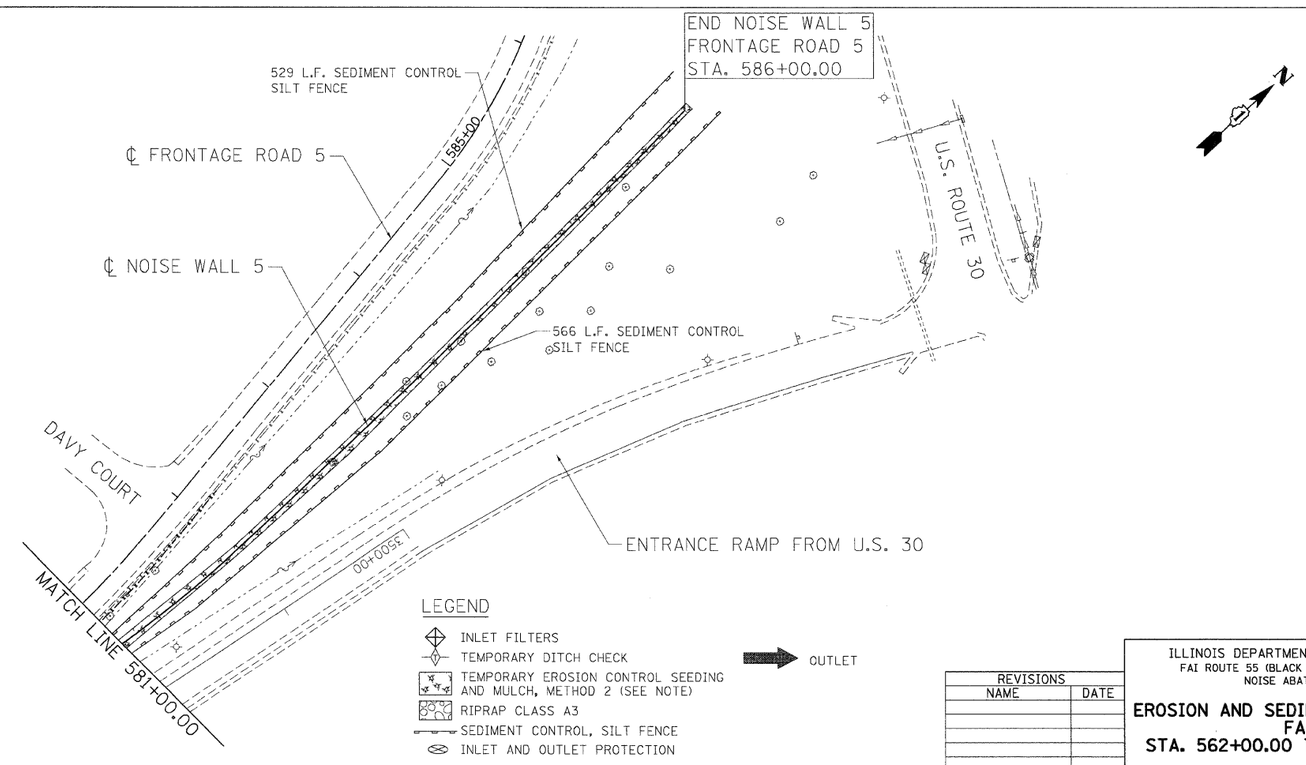
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	62
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		







LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2 (SEE NOTE)
- RIPRAP CLASS A3
- SEDIMENT CONTROL, SILT FENCE
- INLET AND OUTLET PROTECTION
- OUTLET

NOTE
IF ANY PORTION OF THE PROPOSED NOISE ABATEMENT WALL IS IN PLACE DURING PLACEMENT OF MULCH, THE CONTRACTOR SHALL SHIELD THE WALL FROM DAMAGE BY MULCH AND CHEMICALS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

EROSION AND SEDIMENT CONTROL PLAN
FAI 55
STA. 562+00.00 TO STA. 592+00.00

SCALE: 1"=50' DRAWN BY JFS
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
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CONTRACT NO. 60B03

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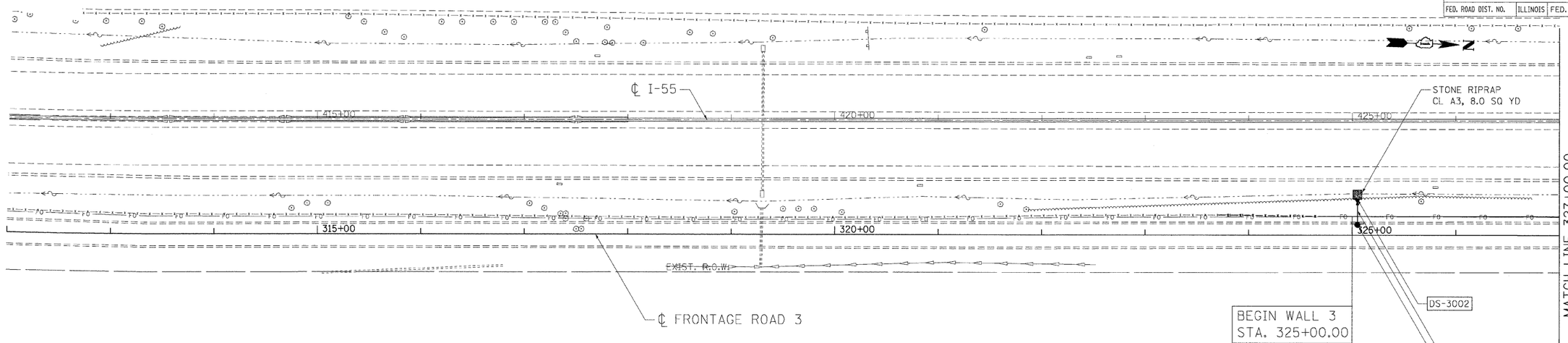
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

- ● PROPOSED CATCH BASIN
- ▶ PROPOSED FLARED END SECTION
- —▶— PROPOSED STORM SEWER
- DS-3001 STRUCTURE NO.
- SS-3001 PIPE NO.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 312+00.00 TO STA. 327+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN NOTE BOOK NO. ____ SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME BY DATE

PROFILE NOTE BOOK NO. ____ SURVEYED PLOTTED GRADES CHECKED B.M. NOTED STRUCTURE NOTATNS CHKD BY DATE

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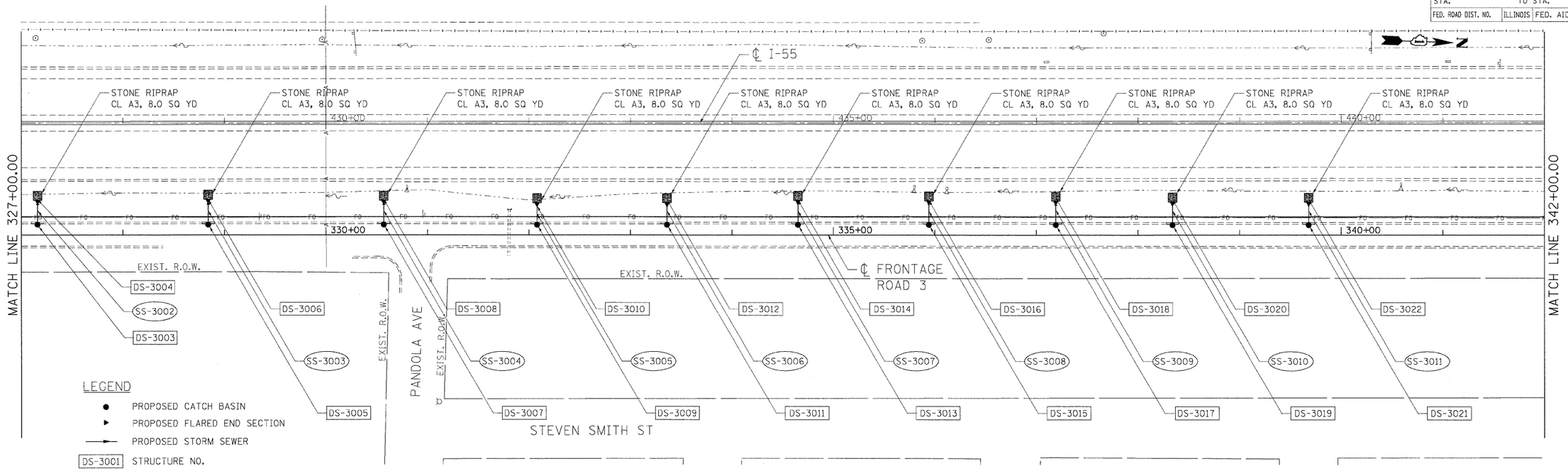
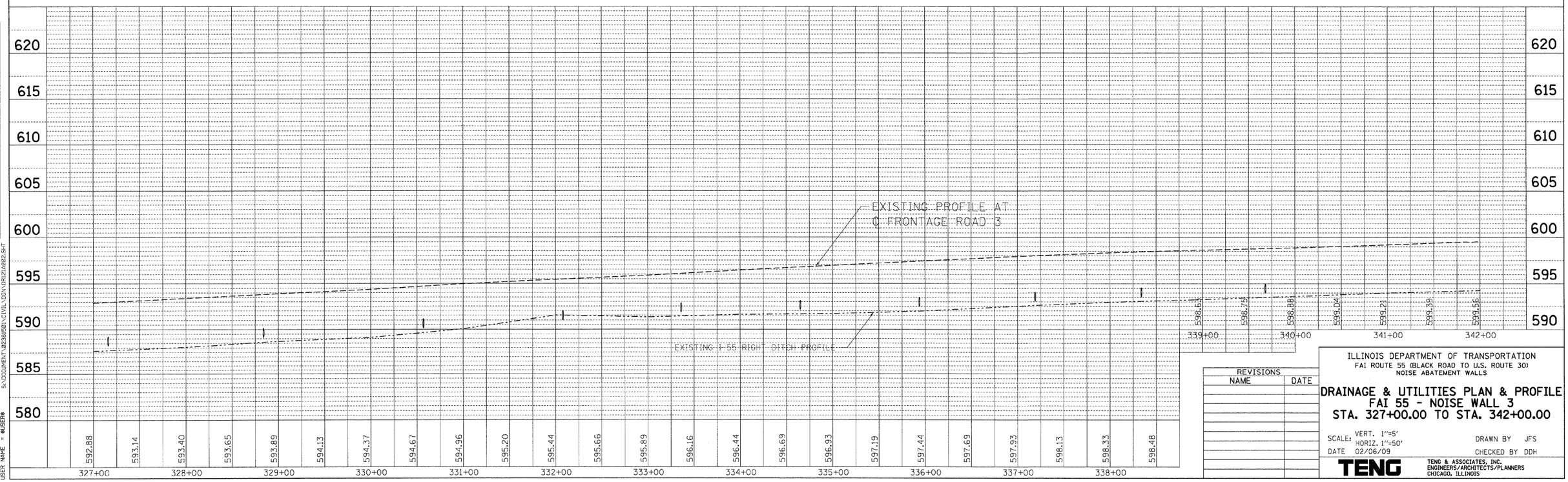
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	64
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 327+00.00 TO STA. 342+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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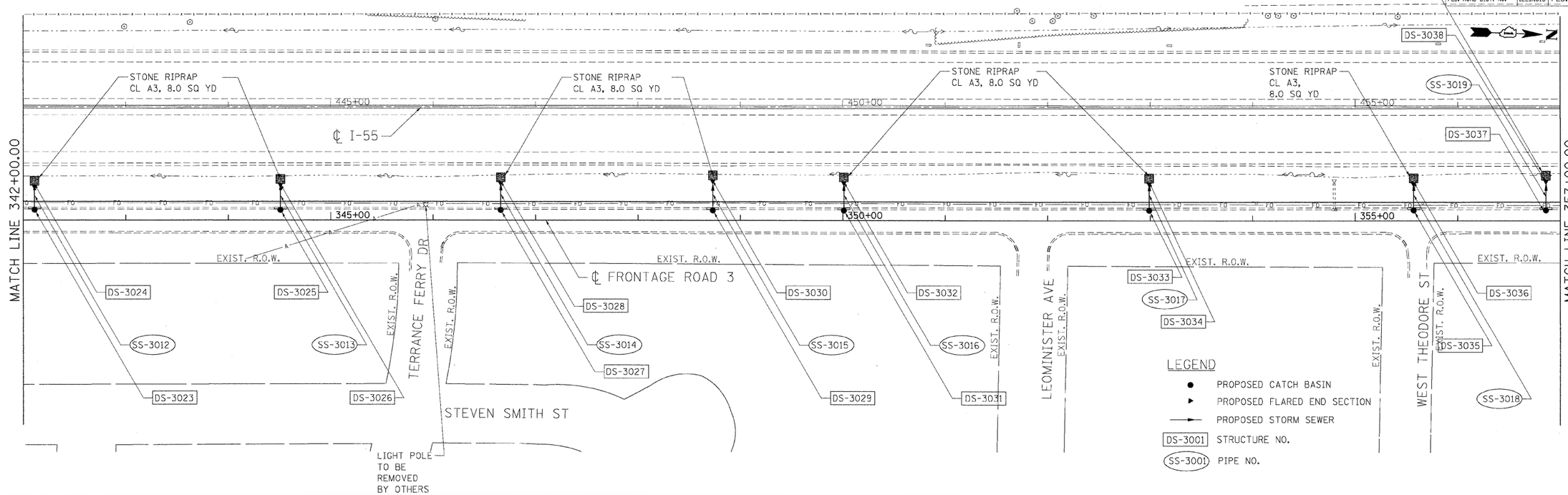
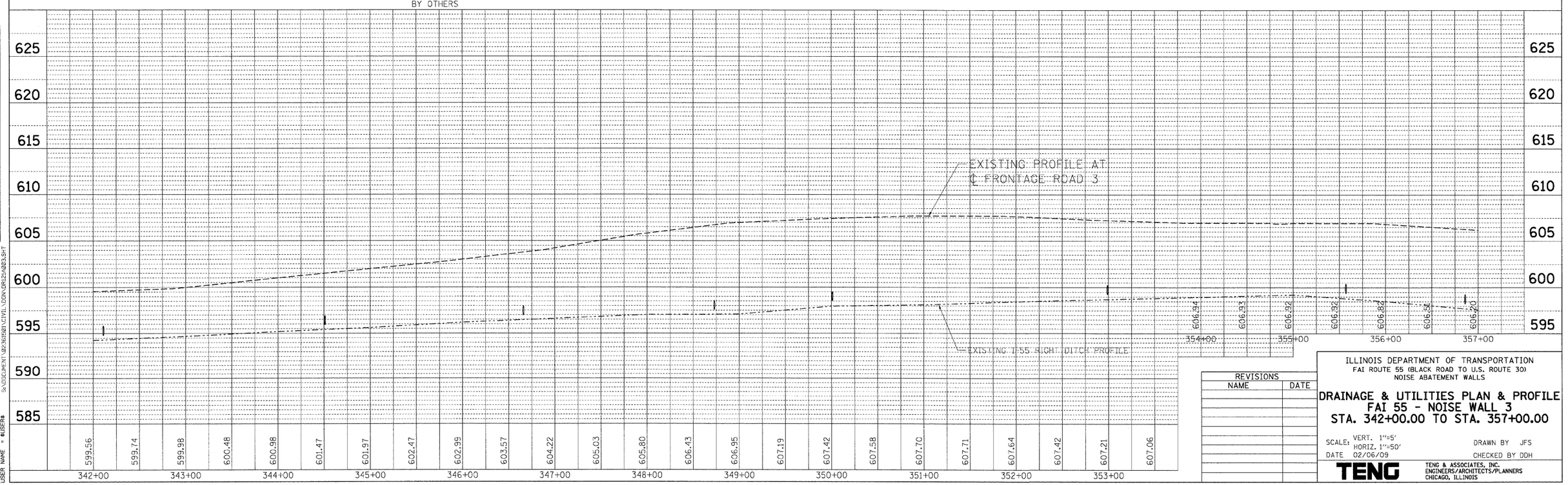
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	65
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 342+00.00 TO STA. 357+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

DRAWN BY JFS
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

PLOT DATE = $DATE$
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PLOT SCALE = $SCALE$
USER NAME = $USERN$

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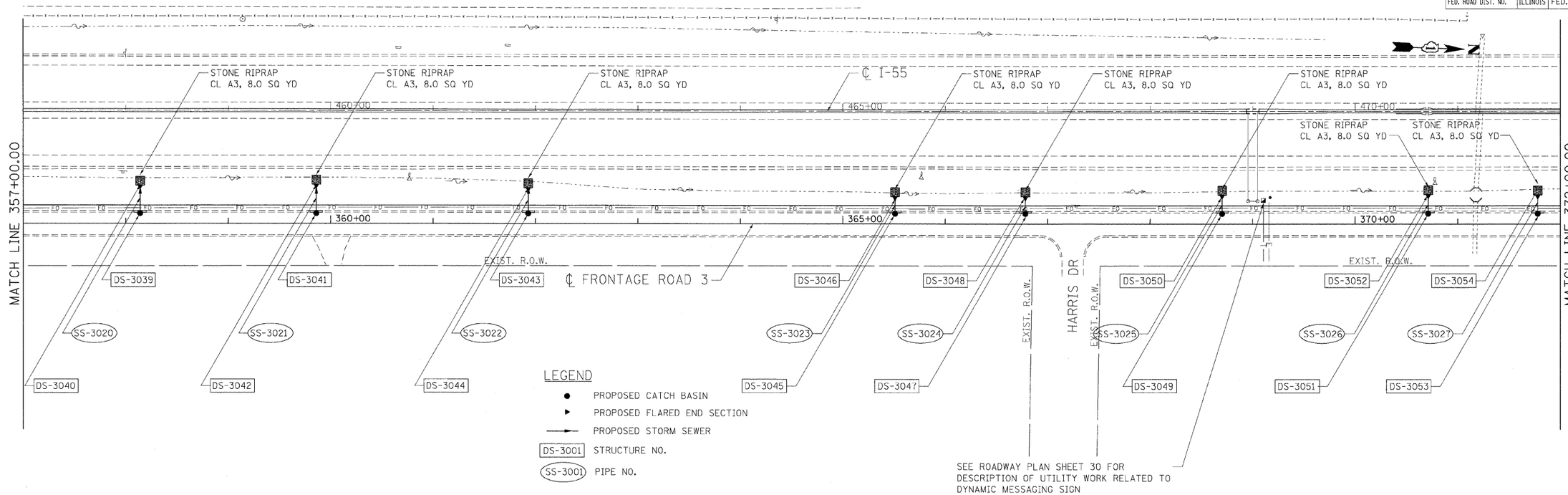
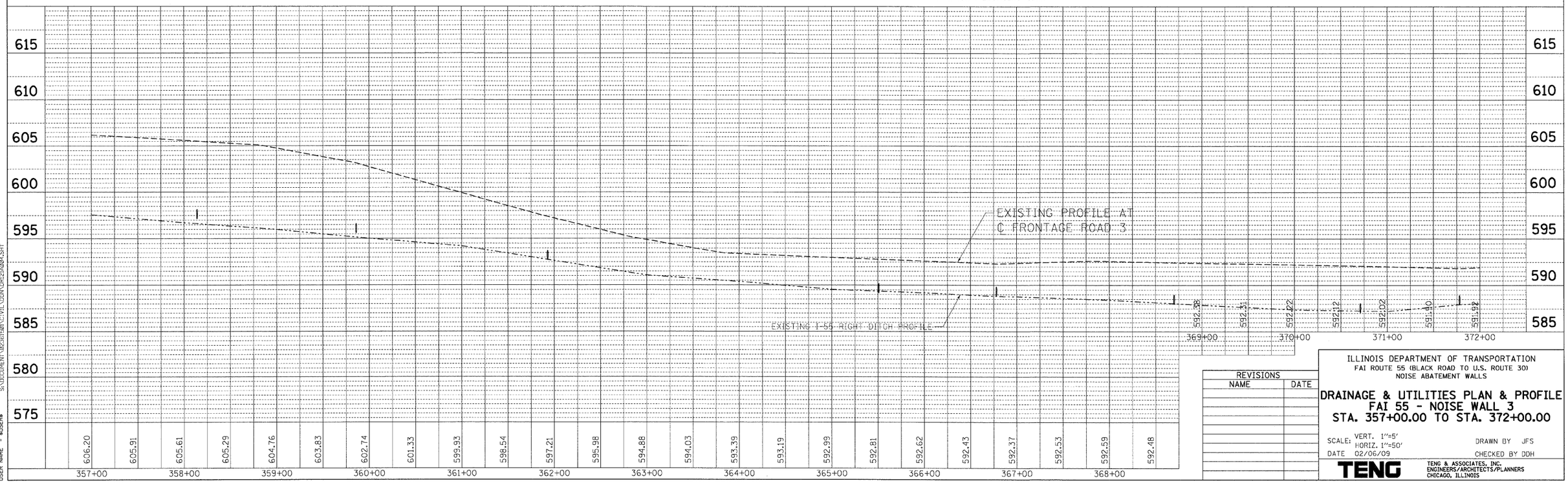
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	66
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK NO.
BY
DATE

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REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

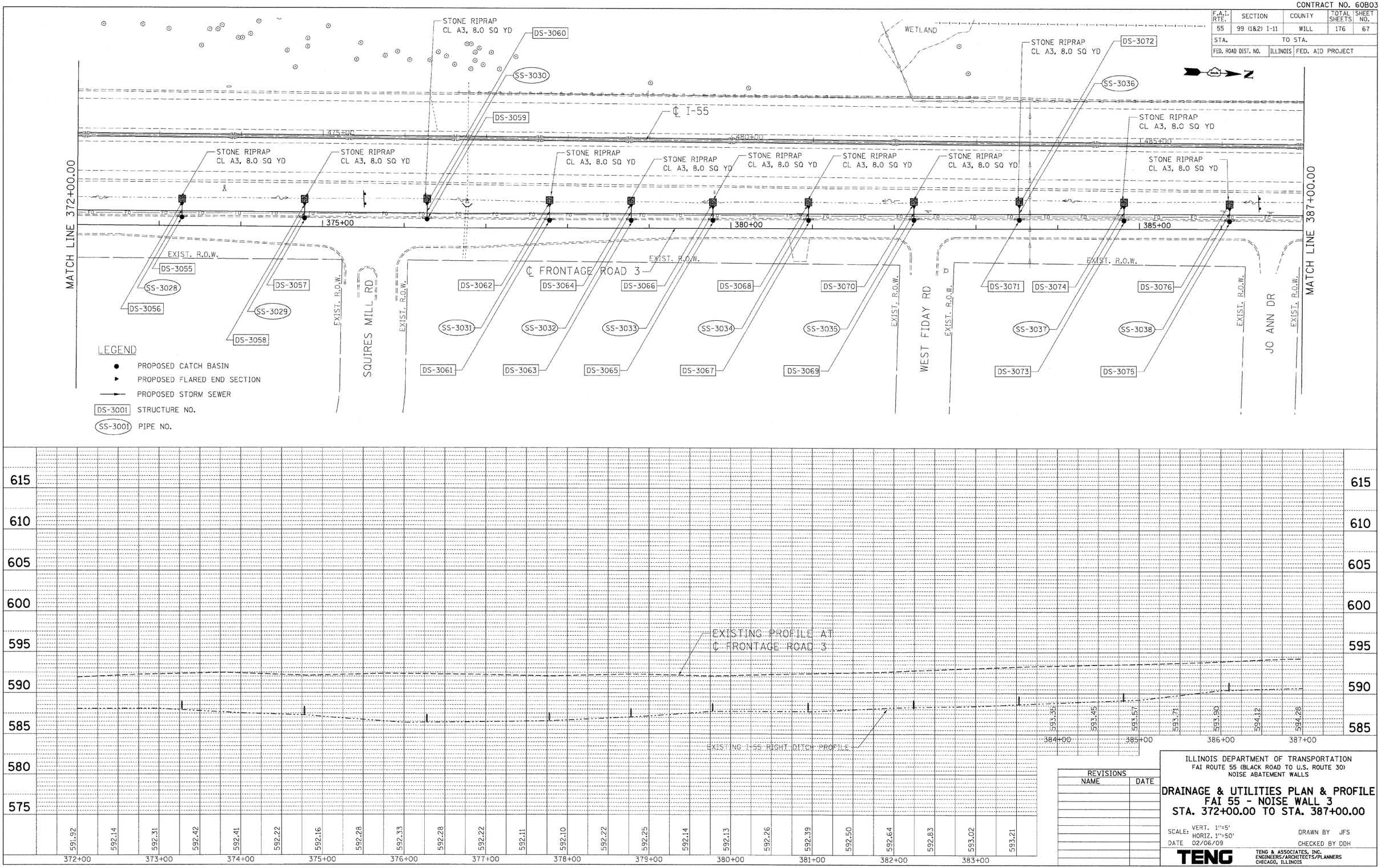
DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 357+00.00 TO STA. 372+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 372+00.00 TO STA. 387+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
NOTE BOOK NO. ____
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO. ____
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$
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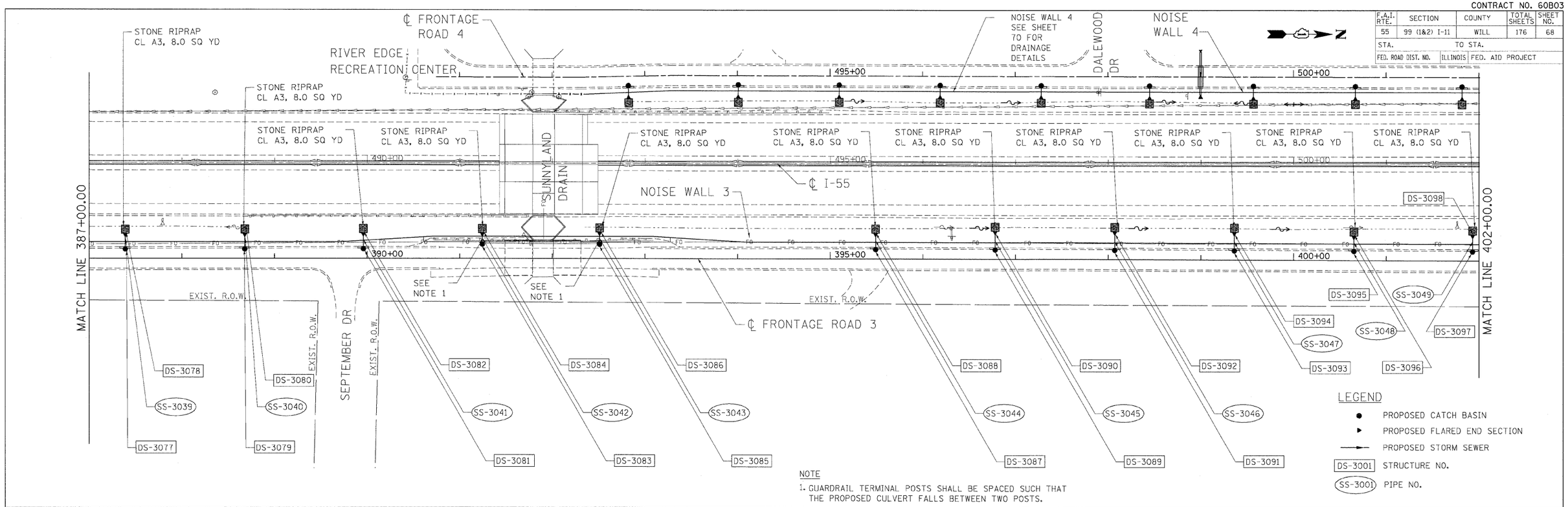
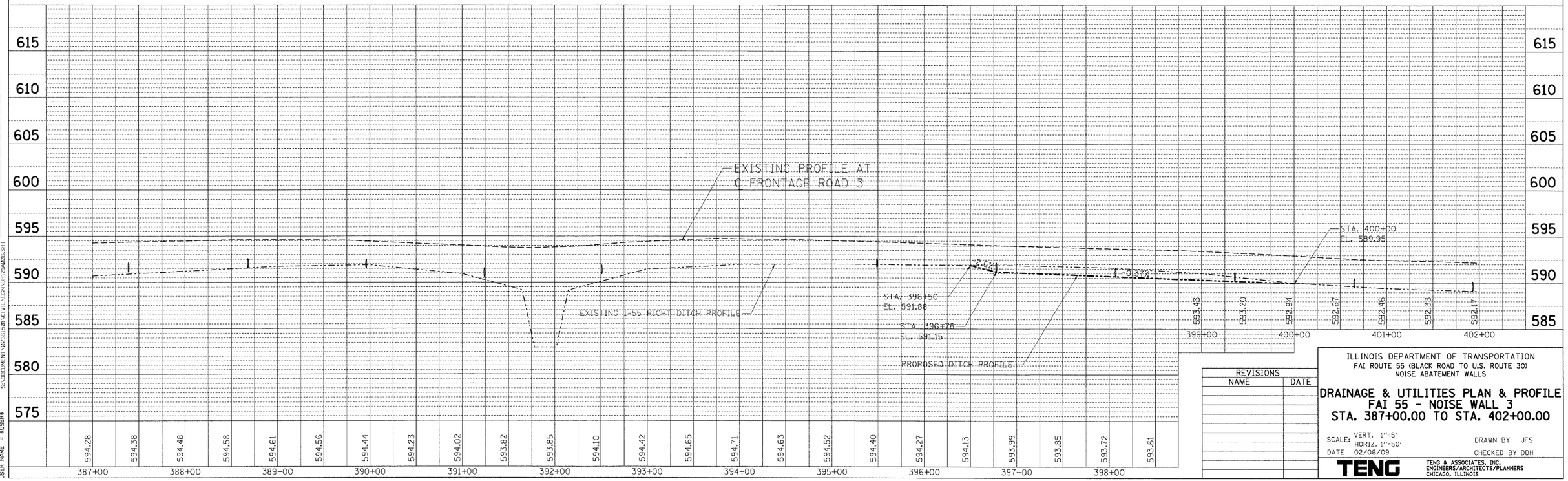
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE

1. GUARDRAIL TERMINAL POSTS SHALL BE SPACED SUCH THAT THE PROPOSED CULVERT FALLS BETWEEN TWO POSTS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 387+00.00 TO STA. 402+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

DRAWN BY JFS
CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	BY
NOTE BOOK NO.	RT. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	BY
NOTE BOOK NO.	B.M. NOTED	
	STRUCTURE NOTATNS CHKD	

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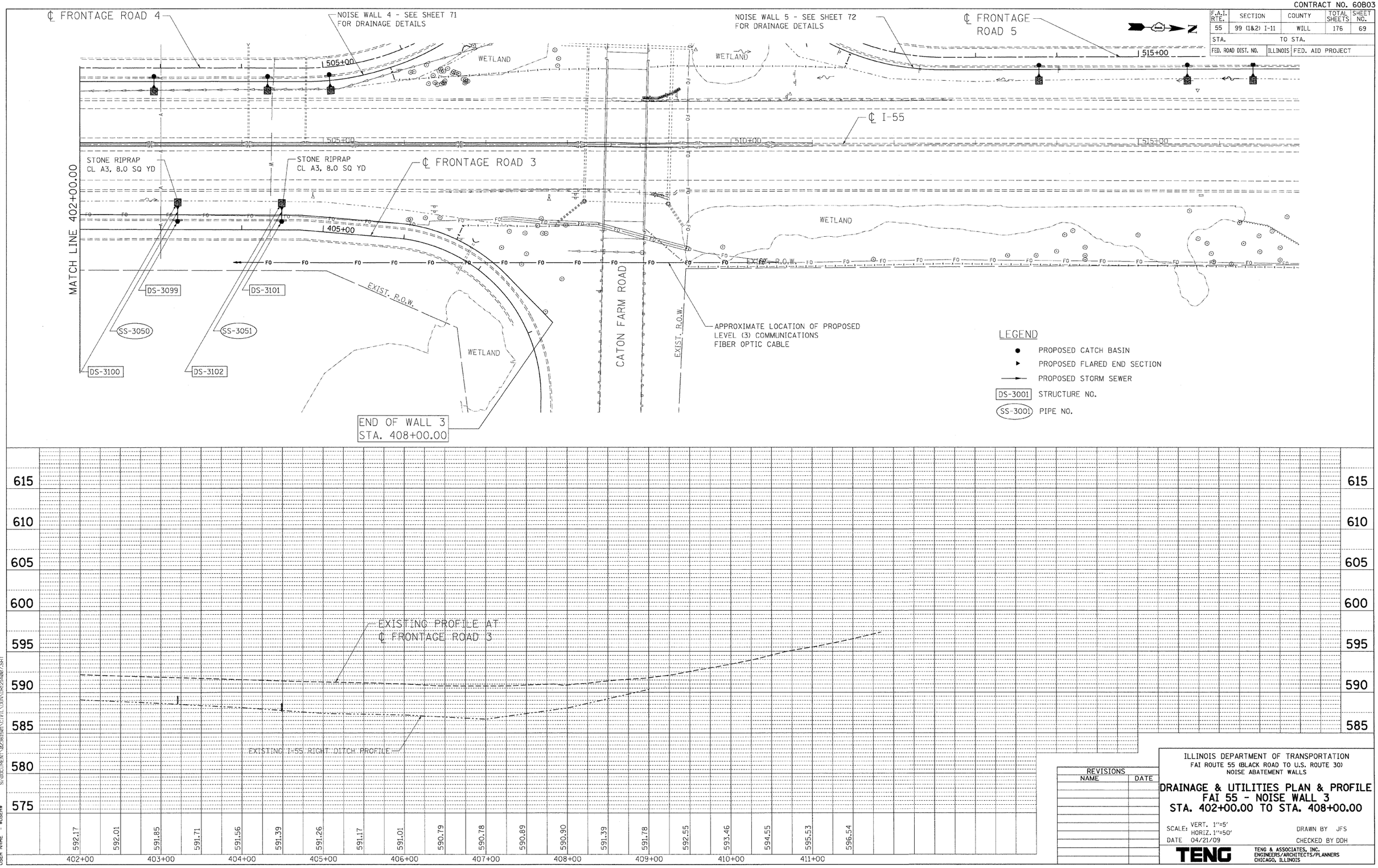
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 3
STA. 402+00.00 TO STA. 408+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 04/21/09

DRAWN BY JFS
CHECKED BY DDH

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PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
DTM CHECKED
XSECS PLOTTED
FIELD BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
S.A. CHECKED
FIELD BOOK
NO.
BY
DATE

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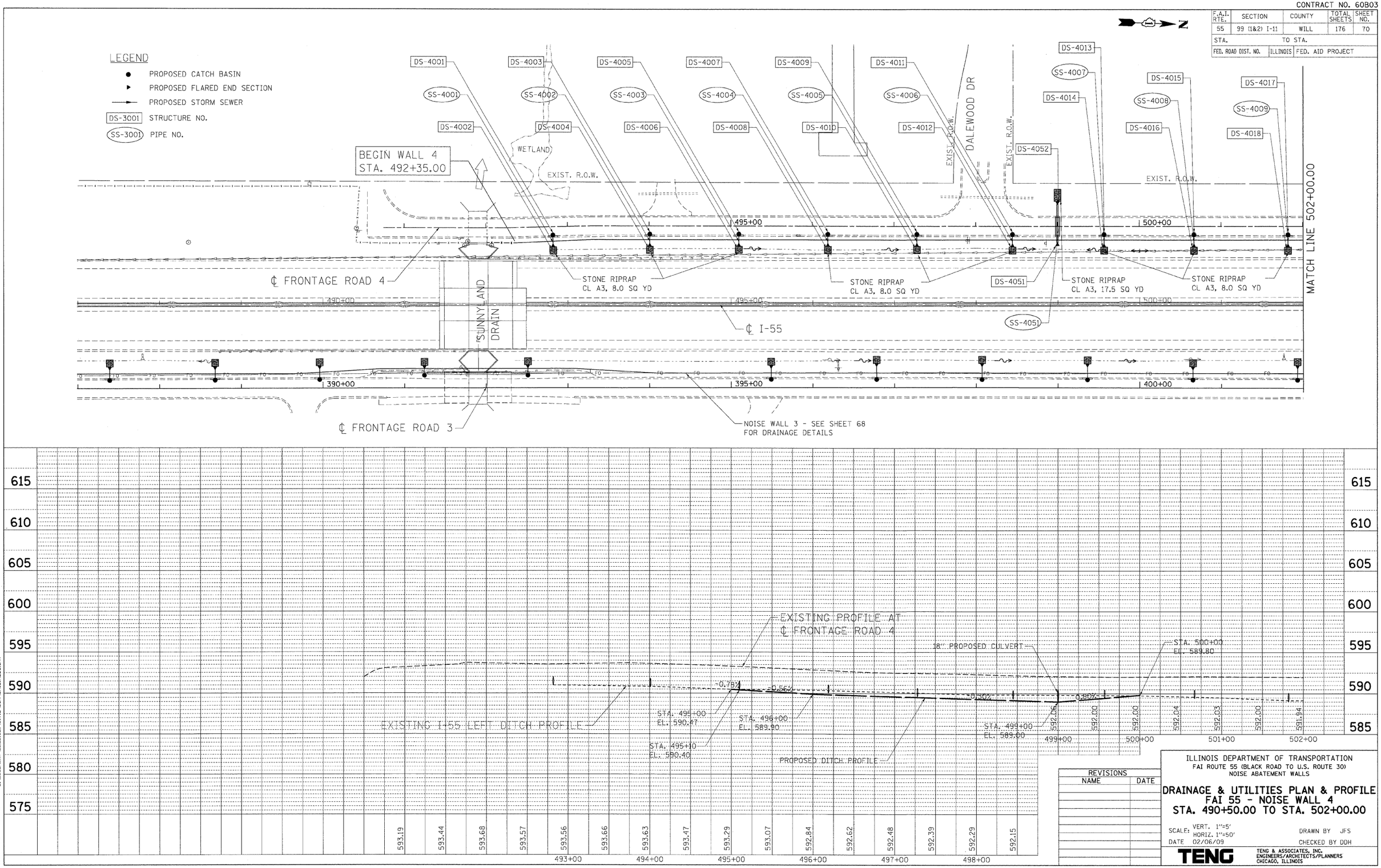
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	70
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 4
STA. 490+50.00 TO STA. 502+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

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PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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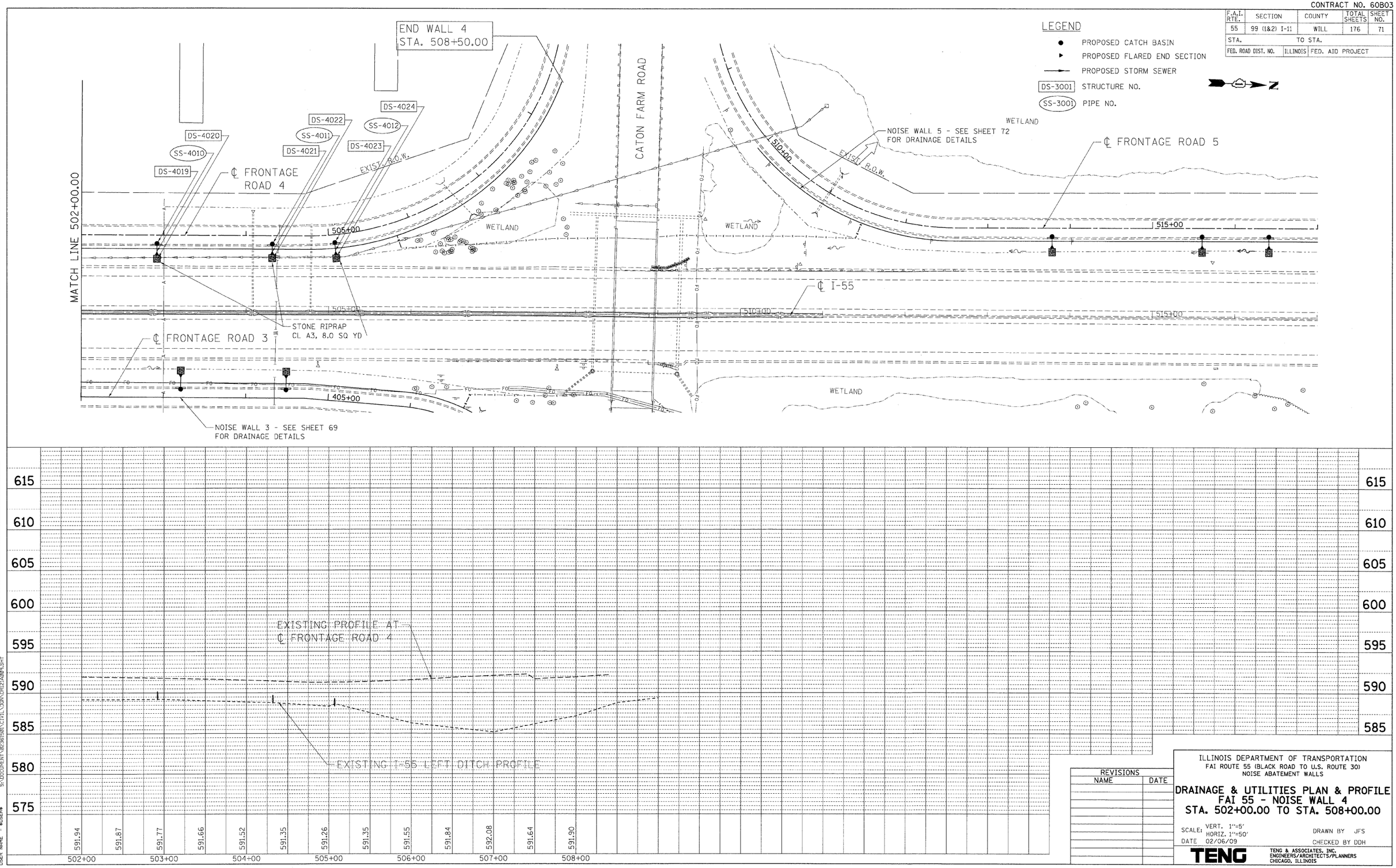
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	71
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 4
STA. 502+00.00 TO STA. 508+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
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PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK NO. / BY / DATE

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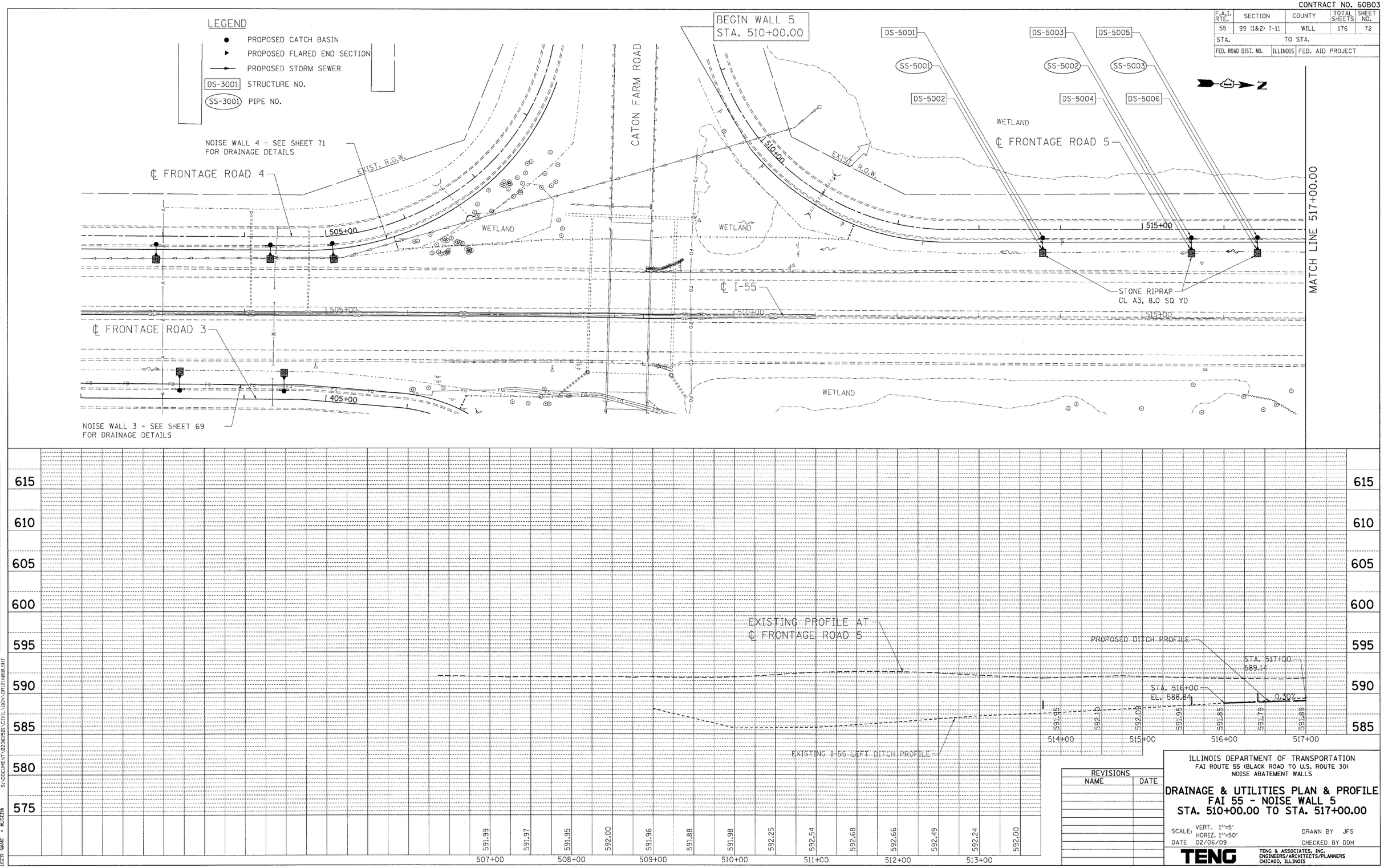
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	72
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 510+00.00 TO STA. 517+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

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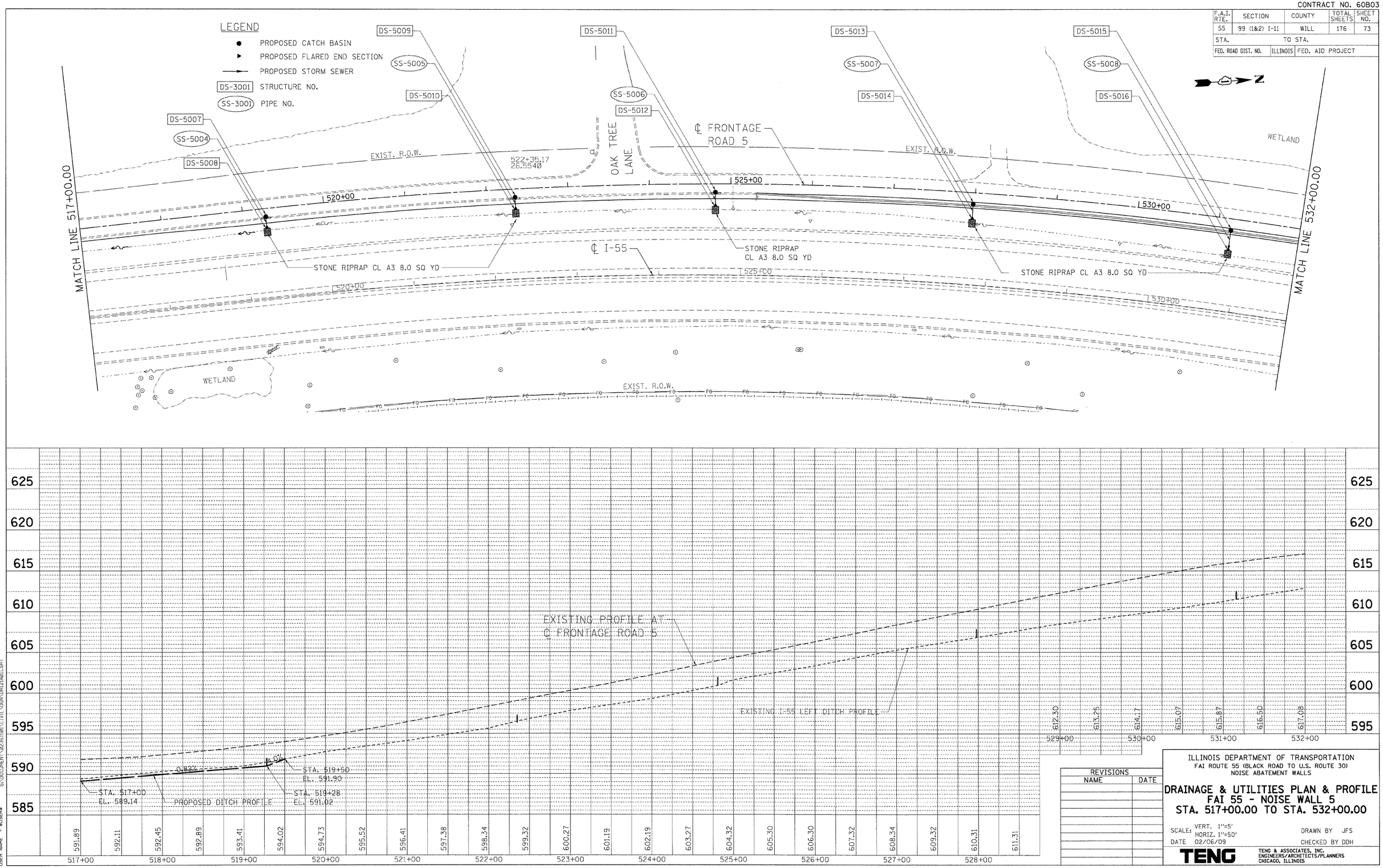
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	73
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 517+00.00 TO STA. 532+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

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CHICAGO, ILLINOIS

PLAN
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ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
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PROFILE
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PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

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USER NAME = $USER$

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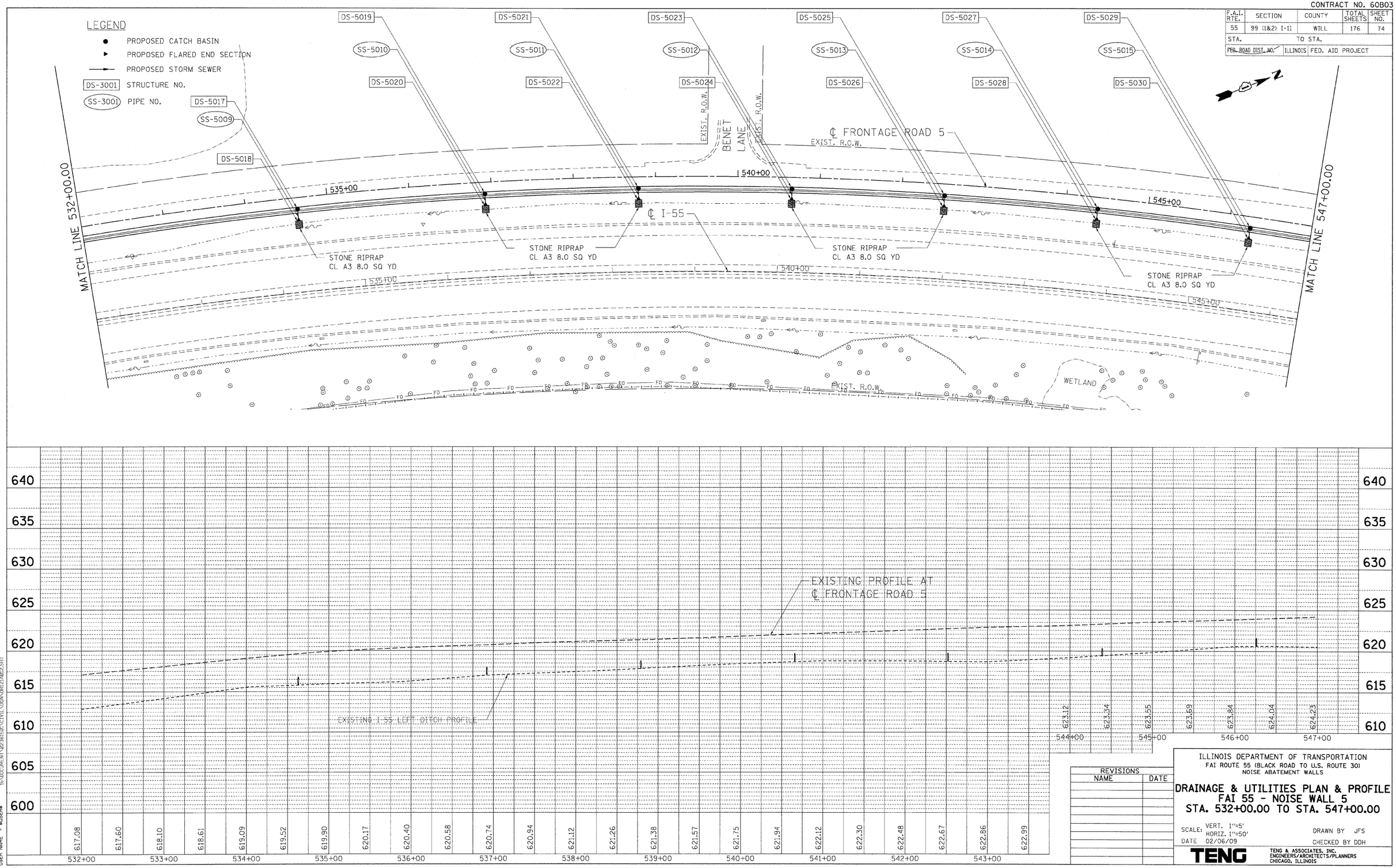
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	74
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
BY STRUCTURE
CADD FILE NAME
BY DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
BY STRUCTURE
NOTATIONS CHKD
BY DATE

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REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 532+00.00 TO STA. 547+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE 02/06/09

DRAWN BY JFS
CHECKED BY DDH

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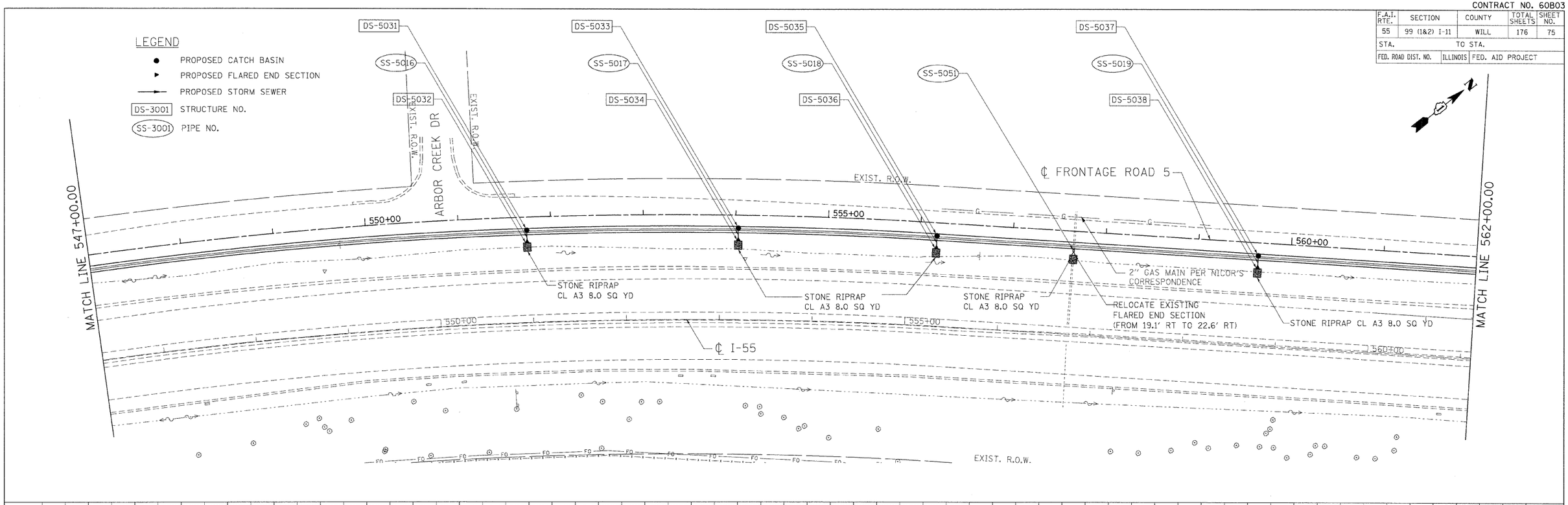
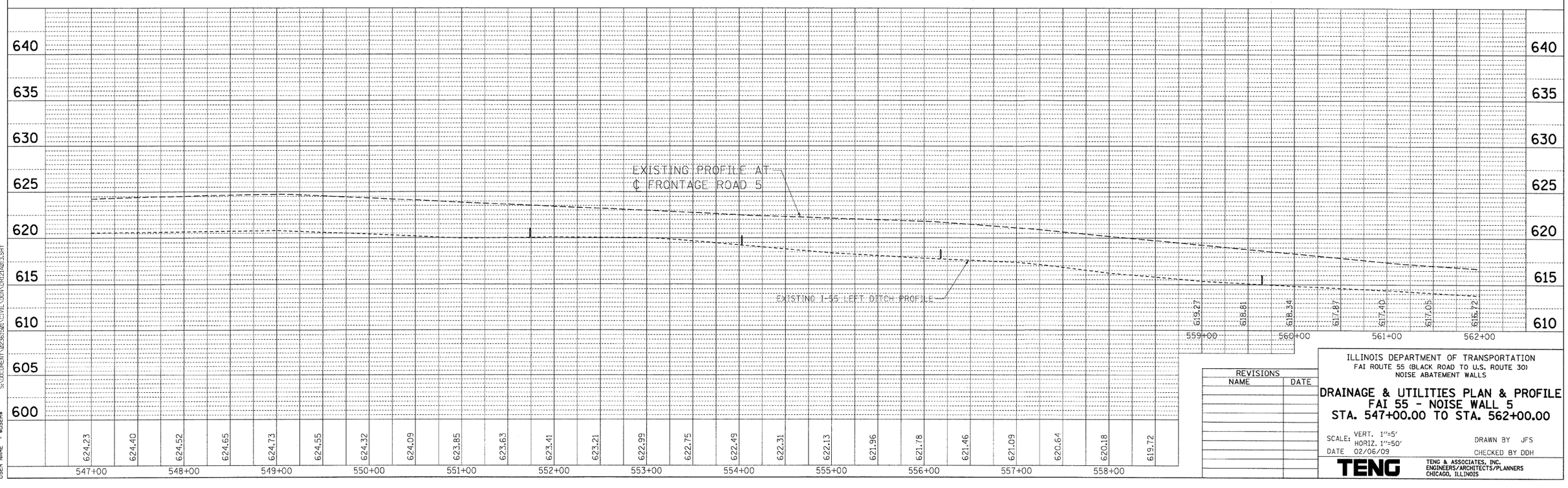
CHICAGO, ILLINOIS

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	75
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 547+00.00 TO STA. 562+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

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PLAN | NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | BY | DATE

PROFILE | NOTE BOOK NO. | SURVEYED | PLOTTED | GRADES CHECKED | R.M. NOTED | STRUCTURE NOTATNS CHKD | BY | DATE

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PLOT SCALE = $SCALE$
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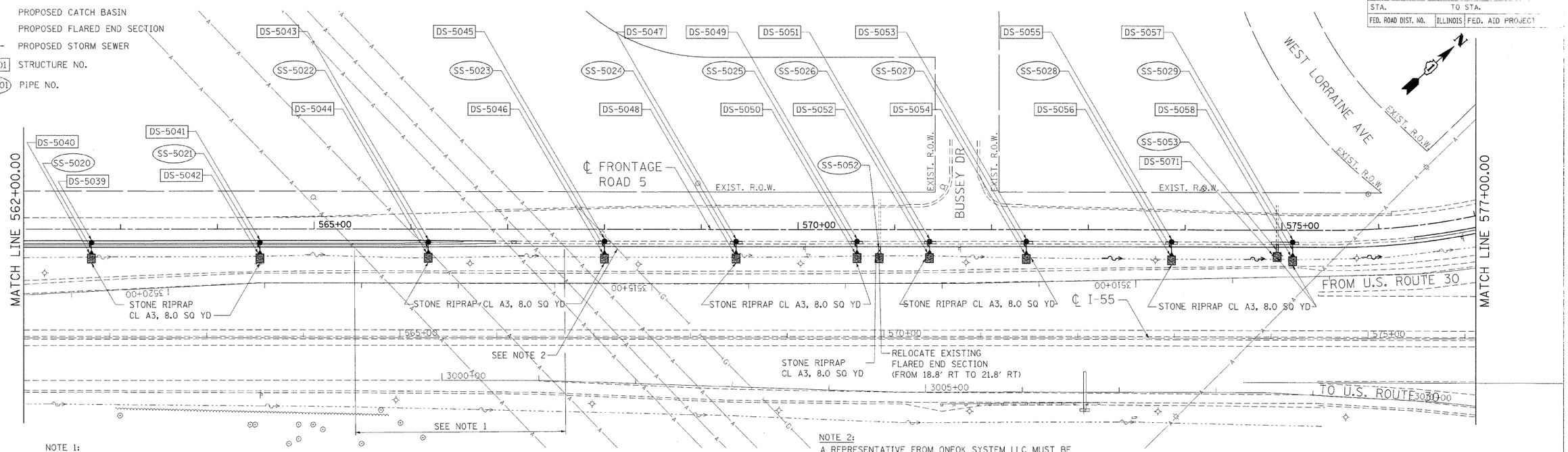
F.A.I. RTE.	SECTION	COUNTY
55	99 (1&2) I-11	WILL
STA.	TO STA.	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

CONTRACT

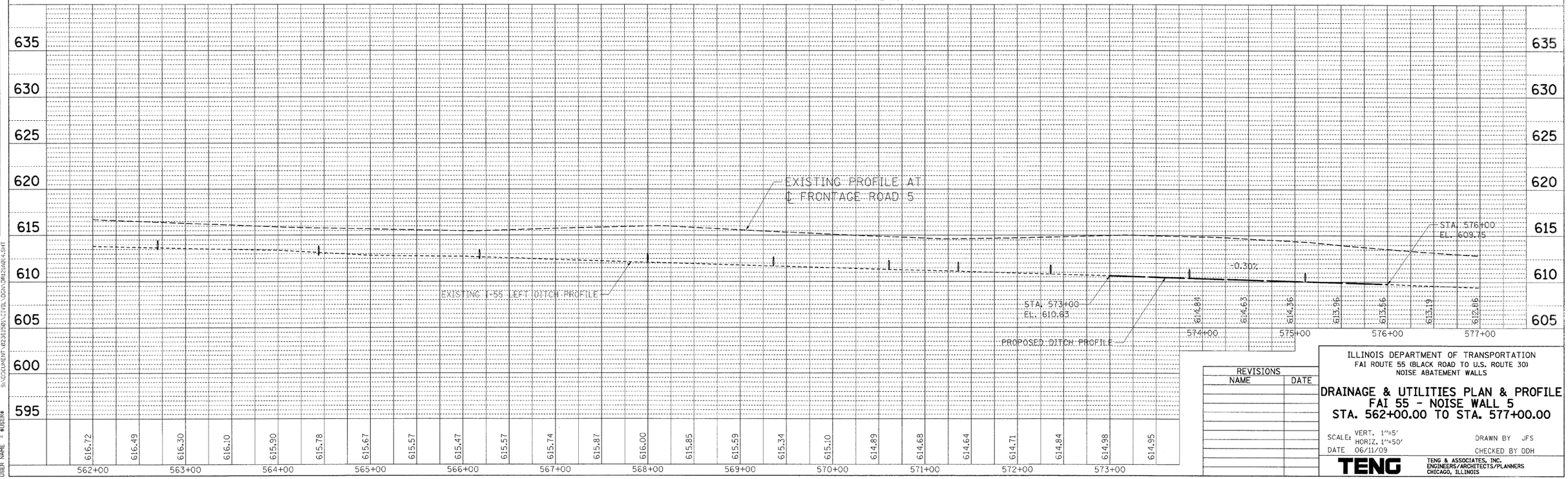
LEGEND

- PROPOSED CATCH BASIN
- PROPOSED FLARED END SECTION
- PROPOSED STORM SEWER
- DS-3001 STRUCTURE NO.
- SS-3001 PIPE NO.



NOTE 1:
SEE SHEET 41A FOR GROUNDING DETAILS FOR STEEL POSTS. SEE SPECIAL PROVISION "COMED OVERHEAD TRANSMISSION LINES" FOR REQUIREMENTS FOR WORK IN THE VICINITY OF THE COMED TRANSMISSION LINES.

NOTE 2:
A REPRESENTATIVE FROM ONEOK SYSTEM LLC MUST BE PRESENT WHEN WORKING WITHIN 25 FT OF A ONEOK NORTH PIPELINE. ONEOK NORTH MUST BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE OF THE WORK.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 562+00.00 TO STA. 577+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 06/11/09
DRAWN BY JFS
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN: SURVEYED / PLOTTED / ROD. CHECKED / R.O.W. CHECKED / BKL. NOTED / CADD FILE NAME — DATE — BY — NOTE BOOK NO.

PROFILE: SURVEYED / PLOTTED / ROD. CHECKED / BKL. NOTED / STRUCTURE NOTATNS CHKD — DATE — BY — NOTE BOOK NO.

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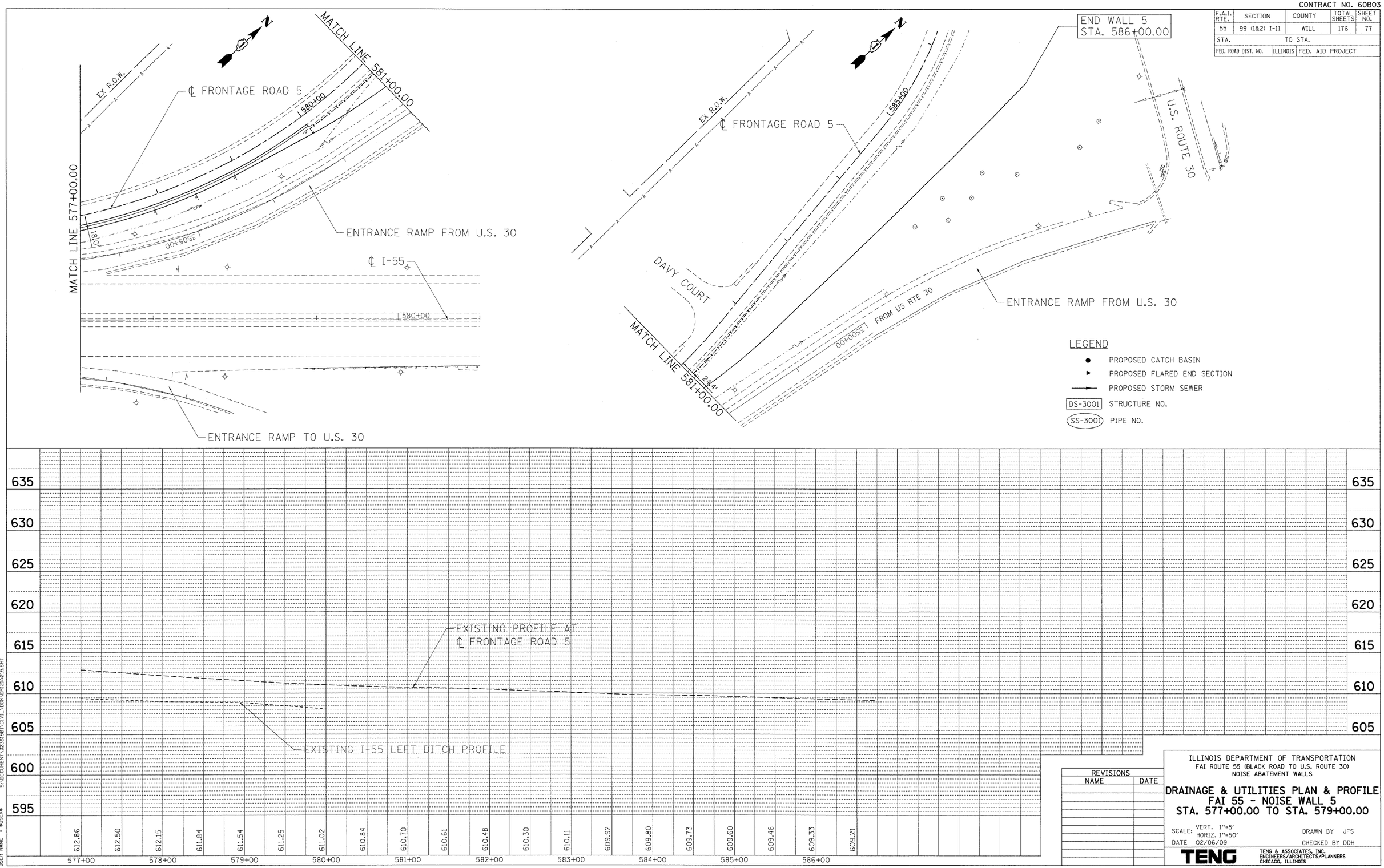
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	77
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE & UTILITIES PLAN & PROFILE
FAI 55 - NOISE WALL 5
STA. 577+00.00 TO STA. 579+00.00

SCALE: VERT. 1"=5' HORIZ. 1"=50'
DATE 02/06/09
DRAWN BY JFS
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

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USER NAME = $USER$
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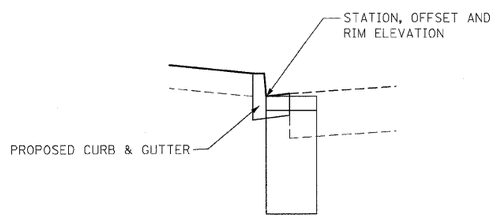
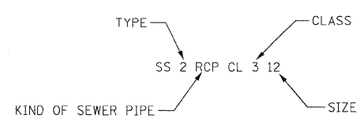
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	78
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

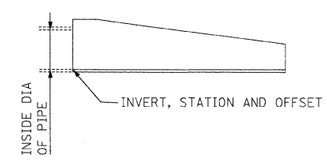
STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				PROPOSED RIM ELEVATION	SHEET NO.	SC INLET FILTER
		STATION	OFFSET	DIR.	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST			
3001	CB TC T24F&G	325+05	11.9	LT	--	--	--	586.94	--	--	--	3001 - DIA 12"	591.42	63	YES
3002	PRC FLAR END SEC 12	325+05	31.1	LT	--	--	586.75	--	--	--	3001 - DIA 12"	--	--	63	--
3003	CB TC T24F&G	327+16	12.2	LT	--	--	--	588.42	--	--	--	3002 - DIA 12"	592.58	64	YES
3004	PRC FLAR END SEC 12	327+16	30.2	LT	--	--	588.24		--	--	3002 - DIA 12"	--	--	64	--
3005	CB TC T24F&G	328+84	12.2	LT	--	--	--	589.32	--	--	--	3003 - DIA 12"	593.50	64	YES
3006	PRC FLAR END SEC 12	328+84	31.0	LT	--	--	589.14		--	--	3003 - DIA 12"	--	--	64	--
3007	CB TC T24F&G	330+57	12.1	LT	--	--	--	590.31	--	--	--	3004 - DIA 12"	594.41	64	YES
3008	PRC FLAR END SEC 12	330+57	30.1	LT	--	--	590.13		--	--	3004 - DIA 12"	--	--	64	--
3009	CB TC T24F&G	332+08	12.1	LT	--	--	--	591.16	--	--	--	3005 - DIA 12"	595.15	64	YES
3010	PRC FLAR END SEC 12	332+08	27.8	LT	--	--	591.01		--	--	3005 - DIA 12"	--	--	64	--
3011	CB TC T24F&G	333+36	12.0	LT	--	--	--	592.02	--	--	--	3006 - DIA 12"	595.78	64	YES
3012	PRC FLAR END SEC 12	333+36	27.8	LT	--	--	591.86		--	--	3006 - DIA 12"	--	--	64	--
3013	CB TC T24F&G	334+65	12.0	LT	--	--	--	592.32	--	--	--	3007 - DIA 12"	596.42	64	YES
3014	PRC FLAR END SEC 12	334+65	29.9	LT	--	--	592.14		--	--	3007 - DIA 12"	--	--	64	--
3015	CB TC T24F&G	335+94	11.9	LT	--	--	--	592.66	--	--	--	3008 - DIA 12"	597.07	64	YES
3016	PRC FLAR END SEC 12	335+94	29.7	LT	--	--	592.48		--	--	3008 - DIA 12"	--	--	64	--
3017	CB TC T24F&G	337+19	11.9	LT	--	--	--	593.25	--	--	--	3009 - DIA 12"	597.67	64	YES
3018	PRC FLAR END SEC 12	337+19	29.5	LT	--	--	593.07		--	--	3009 - DIA 12"	--	--	64	--
3019	CB TC T24F&G	338+34	11.8	LT	--	--	--	593.73	--	--	--	3010 - DIA 12"	598.08	64	YES
3020	PRC FLAR END SEC 12	338+34	28.6	LT	--	--	593.56		--	--	3010 - DIA 12"	--	--	64	--
3021	CB TC T24F&G	339+68	11.8	LT	--	--	--	594.15	--	--	--	3011 - DIA 12"	598.46	64	YES
3022	PRC FLAR END SEC 12	339+68	28.4	LT	--	--	593.98		--	--	3011 - DIA 12"	--	--	64	--
3023	CB TC T24F&G	342+11	11.7	LT	--	--	--	594.98	--	--	--	3012 - DIA 12"	599.25	65	YES
3024	PRC FLAR END SEC 12	342+11	29.8	LT	--	--	594.80		--	--	3012 - DIA 12"	--	--	65	--
3025	CB TC T24F&G	344+51	11.7	LT	--	--	--	596.10	--	--	--	3013 - DIA 12"	601.11	65	YES
3026	PRC FLAR END SEC 12	344+51	31.6	LT	--	--	595.90		--	--	3013 - DIA 12"	--	--	65	--
3027	CB TC T24F&G	346+66	11.6	LT	--	--	--	597.19	--	--	--	3014 - DIA 12"	603.39	65	YES
3028	PRC FLAR END SEC 12	346+66	33.4	LT	--	--	596.97		--	--	3014 - DIA 12"	--	--	65	--
3029	CB TC T24F&G	348+73	11.5	LT	--	--	--	597.80	--	--	--	3015 - DIA 12"	606.27	65	YES
3030	PRC FLAR END SEC 12	348+73	35.6	LT	--	--	597.56		--	--	3015 - DIA 12"	--	--	65	--
3031	CB TC T24F&G	350+01	11.6	LT	--	--	--	598.75	--	--	--	3016 - DIA 12"	606.99	65	YES
3032	PRC FLAR END SEC 12	350+01	33.8	LT	--	--	598.53		--	--	3016 - DIA 12"	--	--	65	--
3033	CB TC T24F&G	352+99	11.7	LT	--	--	--	599.47	--	--	--	3017 - DIA 12"	606.85	65	YES
3034	PRC FLAR END SEC 12	352+99	33.1	LT	--	--	599.26		--	--	3017 - DIA 12"	--	--	65	--
3035	CB TC T24F&G	355+57	11.9	LT	--	--	--	599.60	--	--	--	3018 - DIA 12"	606.43	65	YES
3036	PRC FLAR END SEC 12	355+57	33.1	LT	--	--	599.39		--	--	3018 - DIA 12"	--	--	65	--
3037	CB TC T24F&G	356+86	11.9	LT	--	--	--	598.50	--	--	--	3019 - DIA 12"	605.95	65	YES
3038	PRC FLAR END SEC 12	356+86	35.6	LT	--	--	598.26		--	--	3019 - DIA 12"	--	--	65	--
3039	CB TC T24F&G	358+14	11.9	LT	--	--	--	597.37	--	--	--	3020 - DIA 12"	605.13	66	YES
3040	PRC FLAR END SEC 12	358+14	33.5	LT	--	--	597.15		--	--	3020 - DIA 12"	--	--	66	--
3041	CB TC T24F&G	359+86	11.9	LT	--	--	--	595.83	--	--	--	3021 - DIA 12"	602.35	66	YES
3042	PRC FLAR END SEC 12	359+86	34.4	LT	--	--	595.60		--	--	3021 - DIA 12"	--	--	66	--
3043	CB TC T24F&G	361+93	11.8	LT	--	--	--	592.93	--	--	--	3022 - DIA 12"	597.09	66	YES
3044	PRC FLAR END SEC 12	361+93	31.3	LT	--	--	592.74		--	--	3022 - DIA 12"	--	--	66	--
3045	CB TC T24F&G	365+51	11.9	LT	--	--	--	589.29	--	--	--	3023 - DIA 12"	592.46	66	YES
3046	PRC FLAR END SEC 12	365+51	23.0	LT	--	--	589.18		--	--	3023 - DIA 12"	--	--	66	--
3047	CB TC T24F&G	366+78	11.9	LT	--	--	--	588.93	--	--	--	3024 - DIA 12"	592.32	66	YES
3048	PRC FLAR END SEC 12	366+78	23.0	LT	--	--	588.82		--	--	3024 - DIA 12"	--	--	66	--
3049	CB TC T24F&G	368+70	12.0	LT	--	--	--	588.10	--	--	--	3025 - DIA 12"	592.21	66	YES
3050	PRC FLAR END SEC 12	368+70	24.4	LT	--	--	587.97		--	--	3025 - DIA 12"	--	--	66	--
3051	CB TC T24F&G	370+71	12.1	LT	--	--	--	587.20	--	--	--	3026 - DIA 12"	591.62	66	YES
3052	PRC FLAR END SEC 12	370+71	25.0	LT	--	--	587.07		--	--	3026 - DIA 12"	--	--	66	--
3053	CB TC T24F&G	371+78	12.0	LT	--	--	--	588.05	--	--	--	3027 - DIA 12"	591.37	66	YES
3054	PRC FLAR END SEC 12	371+78	24.7	LT	--	--	587.93		--	--	3027 - DIA 12"	--	--	66	--
3055	CB TC T24F&G	373+28	12.2	LT	--	--	--	588.10	--	--	--	3028 - DIA 12"	592.03	67	YES
3056	PRC FLAR END SEC 12	373+28	24.7	LT	--	--	587.98		--	--	3028 - DIA 12"	--	--	67	--
3057	CB TC T24F&G	374+78	12.2	LT	--	--	--	587.42	--	--	--	3029 - DIA 12"	591.69	67	YES
3058	PRC FLAR END SEC 12	374+78	25.6	LT	--	--	587.29		--	--	3029 - DIA 12"	--	--	67	--
3059	CB TC T24F&G	376+28	12.4	LT	--	--	--	586.50	--	--	--	3030 - DIA 12"	591.93	67	YES
3060	PRC FLAR END SEC 12	376+28	27.4	LT	--	--	586.35		--	--	3030 - DIA 12"	--	--	67	--
3061	CB TC T24F&G	377+78	11.3	LT	--	--	--	586.70	--	--	--	3031 - DIA 12"	591.62	67	YES
3062	PRC FLAR END SEC 12	377+78	26.1	LT	--	--	586.55		--	--	3031 - DIA 12"	--	--	67	--
3063	CB TC T24F&G	378+78	11.6	LT	--	--	--	587.23	--	--	--	3032 - DIA 12"	591.97	67	YES
3064	PRC FLAR END SEC 12	378+78	25.8	LT	--	--	587.09		--	--	3032 - DIA 12"	--	--	67	--
3065	CB TC T24F&G	379+78	11.7	LT	--	--	--	587.83	--	--	--	3033 - DIA 12"	591.69	67	YES
3066	PRC FLAR END SEC 12	379+78	24.0	LT	--	--	587.71		--	--	3033 - DIA 12"	--	--	67	--
3067	CB TC T24F&G	380+95	12.0	LT	--	--	--	587.93	--	--	--	3034 - DIA 12"	591.99	67	YES
3068	PRC FLAR END SEC 12	380+95	24.3	LT	--	--	587.81		--	--	3034 - DIA 12"	--	--	67	--
3069	CB TC T24F&G	382+24	12.4	LT	--	--	--	588.24	--	--	--	3035 - DIA 12"	592.43	67	YES
3070	PRC FLAR END SEC 12	382+24	25.0	LT	--	--	588.12		--	--	--	3035 - DIA 12"	--	--	67	--



DRAINAGE STRUCTURE NOTATION



STORM SEWER OR PIPE CULVERT NOTATION



END SECTION NOTATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE SCHEDULE - I
PROPOSED STRUCTURES

SCALE: DRAWN BY HW
DATE 02/06/09 CHECKED BY TKL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
PLOT NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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2-23-2009,17:52:38 CARCIAAZ S:\DOCUMENT\B23615B1\CIVIL\DGN\DU121AGA.SHT

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				PROPOSED RIM ELEVATION	SHEET NO.	SC INLET FILTER
		STATION	OFFSET	DIR.	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST			
3071	CB TC T24F&G	383+53	12.7	LT	--	--	--	588.78	--	--	--	3036 - DIA 12"	592.79	67	YES
3072	PRC FLAR END SEC 12	383+53	25.6	LT	--	--	588.65		--	--	3036 - DIA 12"	--	--	67	--
3073	CB TC T24F&G	384+81	12.1	LT	--	--	--	589.19	--	--	--	3037 - DIA 12"	593.25	67	YES
3074	PRC FLAR END SEC 12	384+81	24.6	LT	--	--	589.07		--	--	3037 - DIA 12"	--	--	67	--
3075	CB TC T24F&G	386+10	11.7	LT	--	--	--	590.47	--	--	--	3038 - DIA 12"	593.64	67	YES
3076	PRC FLAR END SEC 12	386+10	22.7	LT	--	--	590.36		--	--	3038 - DIA 12"	--	--	67	--
3077	CB TC T24F&G	387+39	11.9	LT	--	--	--	591.23	--	--	--	3039 - DIA 12"	593.96	68	YES
3078	PRC FLAR END SEC 12	387+39	23.0	LT	--	--	591.12		--	--	3039 - DIA 12"	--	--	68	--
3079	CB TC T24F&G	388+68	12.0	LT	--	--	--	591.69	--	--	--	3040 - DIA 12"	594.38	68	YES
3080	PRC FLAR END SEC 12	388+68	23.3	LT	--	--	591.58		--	--	3040 - DIA 12"	--	--	68	--
3081	CB TC T24F&G	389+96	12.3	LT	--	--	--	591.56	--	--	--	3041 - DIA 12"	593.97	68	YES
3082	PRC FLAR END SEC 12	389+96	23.9	LT	--	--	591.51		--	--	3041 - DIA 12"	--	--	68	--
3083	CB TC T24F&G	391+24	18.0	LT	--	--	--	590.58	--	--	--	3042 - DIA 12"	593.26	68	YES
3084	PRC FLAR END SEC 12	391+24	25.5	LT	--	--	590.55		--	--	3042 - DIA 12"	--	--	68	--
3085	CB TC T24F&G	392+51	18.0	LT	--	--	--	590.89	--	--	--	3043 - DIA 12"	593.66	68	YES
3086	PRC FLAR END SEC 12	392+51	26.2	LT	--	--	590.86		--	--	3043 - DIA 12"	--	--	68	--
3087	CB TC T24F&G	395+49	12.0	LT	--	--	--	591.66	--	--	--	3044 - DIA 12"	594.07	68	YES
3088	PRC FLAR END SEC 12	395+49	24.0	LT	--	--	591.61		--	--	3044 - DIA 12"	--	--	68	--
3089	CB TC T24F&G	396+78	12.0	LT	--	--	--	591.21	--	--	--	3045 - DIA 12"	593.61	68	YES
3090	PRC FLAR END SEC 12	396+78	26.3	LT	--	--	591.15		--	--	3045 - DIA 12"	--	--	68	--
3091	CB TC T24F&G	398+07	11.8	LT	--	--	--	590.67	--	--	--	3046 - DIA 12"	593.29	68	YES
3092	PRC FLAR END SEC 12	398+07	26.2	LT	--	--	590.61		--	--	3046 - DIA 12"	--	--	68	--
3093	CB TC T24F&G	399+36	11.8	LT	--	--	--	590.20	--	--	--	3047 - DIA 12"	592.86	68	YES
3094	PRC FLAR END SEC 12	399+36	26.0	LT	--	--	590.14		--	--	3047 - DIA 12"	--	--	68	--
3095	CB TC T24F&G	400+65	11.9	LT	--	--	--	589.61	--	--	--	3048 - DIA 12"	592.26	68	YES
3096	PRC FLAR END SEC 12	400+65	22.7	LT	--	--	589.50		--	--	3048 - DIA 12"	--	--	68	--
3097	CB TC T24F&G	401+93	11.9	LT	--	--	--	589.26	--	--	--	3049 - DIA 12"	591.81	68	YES
3098	PRC FLAR END SEC 12	401+93	24.4	LT	--	--	589.14		--	--	3049 - DIA 12"	--	--	68	--
3099	CB TC T24F&G	403+21	12.0	LT	--	--	--	588.69	--	--	--	3050 - DIA 12"	591.37	69	YES
3100	PRC FLAR END SEC 12	403+21	25.0	LT	--	--	588.56		--	--	3050 - DIA 12"	--	--	69	--
3101	CB TC T24F&G	404+49	12.0	LT	--	--	--	587.75	--	--	--	3051 - DIA 12"	591.05	69	YES
3102	PRC FLAR END SEC 12	404+49	24.5	LT	--	--	587.63		--	--	3051 - DIA 12"	--	--	69	--
4001	CB TC T24F&G	492+82	12.0	RT	--	--	591.01	--	--	--	4001 - DIA 12"	--	593.48	70	YES
4002	PRC FLAR END SEC 12	492+82	20.6	RT	--	--	--	590.98	--	--	--	4001 - DIA 12"	--	70	--
4003	CB TC T24F&G	494+01	11.8	RT	--	--	590.81	--	--	--	4002 - DIA 12"	--	593.32	70	YES
4004	PRC FLAR END SEC 12	494+01	20.9	RT	--	--	--	590.77	--	--	--	4002 - DIA 12"	--	70	--
4005	CB TC T24F&G	495+10	11.7	RT	--	--	590.51	--	--	--	4003 - DIA 12"	--	592.91	70	YES
4006	PRC FLAR END SEC 12	495+10	20.5	RT	--	--	--	590.47	--	--	--	4003 - DIA 12"	--	70	--
4007	CB TC T24F&G	496+19	11.7	RT	--	--	590.10	--	--	--	4004 - DIA 12"	--	592.51	70	YES
4008	PRC FLAR END SEC 12	496+19	20.7	RT	--	--	--	590.06	--	--	--	4004 - DIA 12"	--	70	--
4009	CB TC T24F&G	497+28	11.8	RT	--	--	589.68	--	--	--	4005 - DIA 12"	--	592.08	70	YES
4010	PRC FLAR END SEC 12	497+28	20.6	RT	--	--	--	589.64	--	--	--	4005 - DIA 12"	--	70	--
4011	CB TC T24F&G	498+45	11.7	RT	--	--	589.41	--	--	--	4006 - DIA 12"	--	591.82	70	YES
4012	PRC FLAR END SEC 12	498+45	21.1	RT	--	--	--	589.37	--	--	--	4006 - DIA 12"	--	70	--
4013	CB TC T24F&G	499+57	11.8	RT	--	--	589.68	--	--	--	4007 - DIA 12"	--	592.08	70	YES
4014	PRC FLAR END SEC 12	499+57	21.1	RT	--	--	--	589.64	--	--	--	4007 - DIA 12"	--	70	--
4015	CB TC T24F&G	500+67	12.0	RT	--	--	589.48	--	--	--	4008 - DIA 12"	--	591.90	70	YES
4016	PRC FLAR END SEC 12	500+67	21.2	RT	--	--	--	589.44	--	--	--	4008 - DIA 12"	--	70	--
4017	CB TC T24F&G	501+82	12.0	RT	--	--	589.11	--	--	--	4009 - DIA 12"	--	591.52	70	YES
4018	PRC FLAR END SEC 12	501+82	21.3	RT	--	--	--	589.07	--	--	--	4009 - DIA 12"	--	70	--
4019	CB TC T24F&G	502+92	12.1	RT	--	--	589.20	--	--	--	4010 - DIA 12"	--	591.70	71	YES
4020	PRC FLAR END SEC 12	502+92	20.6	RT	--	--	--	589.17	--	--	--	4010 - DIA 12"	--	71	--
4021	CB TC T24F&G	504+32	12.0	RT	--	--	588.75	--	--	--	4011 - DIA 12"	--	591.21	71	YES
4022	PRC FLAR END SEC 12	504+32	19.3	RT	--	--	--	588.72	--	--	--	4011 - DIA 12"	--	71	--
4023	CB TC T24F&G	505+07	11.2	RT	--	--	588.36	--	--	--	4012 - DIA 12"	--	591.45	71	YES
4024	PRC FLAR END SEC 12	505+07	20.6	RT	--	--	--	588.32	--	--	--	4012 - DIA 12"	--	71	--
4051	PRC FLAR END SEC 18	499+00	19.6	RT	--	--	--	589.00	--	--	--	4051 - DIA 18"	--	70	--
4052	PRC FLAR END SEC 18	499+00	17.4	LT	--	--	588.26	--	--	--	4051 - DIA 18"	--	--	70	--
5001	CB TC T24F&G	513+78	12.2	RT	--	--	588.22	--	--	--	5001 - DIA 12"	--	591.66	72	YES
5002	PRC FLAR END SEC 12	513+78	21.0	RT	--	--	--	588.13	--	--	--	5001 - DIA 12"	--	72	--
5003	CB TC T24F&G	515+60	12.1	RT	--	--	588.71	--	--	--	5002 - DIA 12"	--	591.65	72	YES
5004	PRC FLAR END SEC 12	515+60	21.3	RT	--	--	--	588.62	--	--	--	5002 - DIA 12"	--	72	--
5005	CB TC T24F&G	516+41	12.1	RT	--	--	589.06	--	--	--	5003 - DIA 12"	--	591.49	72	YES
5006	PRC FLAR END SEC 12	516+41	19.6	RT	--	--	--	589.03	--	--	--	5003 - DIA 12"	--	72	--
5007	CB TC T24F&G	519+28	12.2	RT	--	--	591.05	--	--	--	5004 - DIA 12"	--	593.49	73	YES
5008	PRC FLAR END SEC 12	519+28	20.6	RT	--	--	--	591.01	--	--	--	5004 - DIA 12"	--	73	--
5009	CB TC T24F&G	522+35	12.0	RT	--	--	596.35	--	--	--	5005 - DIA 12"	--	598.78	73	YES
5010	PRC FLAR END SEC 12	522+35	21.6	RT	--	--	--	596.31	--	--	--	5005 - DIA 12"	--	73	--
5011	CB TC T24F&G	524+81	11.8	RT	--	--	600.96	--	--	--	5006 - DIA 12"	--	603.66	73	YES
5012	PRC FLAR END SEC 12	524+81	23.7	RT	--	--	--	600.91	--	--	--	5006 - DIA 12"	--	73	--

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE SCHEDULE - II
PROPOSED STRUCTURES

SCALE: DRAWN BY HW

DATE 02/06/09 CHECKED BY TKL

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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2:03:2021,17:52:43 GARCIA2Z S:\DOCUMENT\02361581\CIVIL\DGN\DU121AGC.SHT

CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STRUCTURE NO.	STRUCTURE DESCRIPTION	CENTERLINE			INVERTS				PIPE CONNECTIONS (Pipe No. - Pipe Size)				PROPOSED RIM ELEVATION	SHEET NO.	SC INLET FILTER
		STATION	OFFSET	DIR.	NORTH	SOUTH	EAST	WEST	NORTH	SOUTH	EAST	WEST			
5013	CB TC T24F&G	527+98	16.0	RT	--	--	606.89	--	--	--	5007 - DIA 12"	--	609.83	73	YES
5014	PRC FLAR END SEC 12	527+98	29.3	RT	--	--	--	606.84	--	--	--	5007 - DIA 12"	--	73	--
5015	CB TC T24F&G	531+16	16.0	RT	--	--	611.71	--	--	--	5008 - DIA 12"	--	615.48	73	YES
5016	PRC FLAR END SEC 12	531+16	35.7	RT	--	--	--	611.51	--	--	--	5008 - DIA 12"	--	73	--
5017	CB TC T24F&G	534+63	16.0	RT	--	--	615.87	--	--	--	5009 - DIA 12"	--	619.12	74	YES
5018	PRC FLAR END SEC 12	534+63	24.9	RT	--	--	--	615.78	--	--	--	5009 - DIA 12"	--	74	--
5019	CB TC T24F&G	536+92	16.0	RT	--	--	617.09	--	--	--	5010 - DIA 12"	--	620.21	74	YES
5020	PRC FLAR END SEC 12	536+92	24.4	RT	--	--	--	617.01	--	--	--	5010 - DIA 12"	--	74	--
5021	CB TC T24F&G	538+79	16.0	RT	--	--	617.88	--	--	--	5011 - DIA 12"	--	620.79	74	YES
5022	PRC FLAR END SEC 12	538+79	24.1	RT	--	--	--	617.80	--	--	--	5011 - DIA 12"	--	74	--
5023	CB TC T24F&G	540+66	16.0	RT	--	--	618.76	--	--	--	5012 - DIA 12"	--	621.55	74	YES
5024	PRC FLAR END SEC 12	540+66	23.9	RT	--	--	--	618.68	--	--	--	5012 - DIA 12"	--	74	--
5025	CB TC T24F&G	542+52	16.0	RT	--	--	618.80	--	--	--	5013 - DIA 12"	--	622.13	74	YES
5026	PRC FLAR END SEC 12	542+52	24.2	RT	--	--	--	618.72	--	--	--	5013 - DIA 12"	--	74	--
5027	CB TC T24F&G	544+39	16.0	RT	--	--	619.45	--	--	--	5014 - DIA 12"	--	622.85	74	YES
5028	PRC FLAR END SEC 12	544+39	24.2	RT	--	--	--	619.37	--	--	--	5014 - DIA 12"	--	74	--
5029	CB TC T24F&G	546+26	16.0	RT	--	--	620.68	--	--	--	5015 - DIA 12"	--	623.43	74	YES
5030	PRC FLAR END SEC 12	546+26	23.8	RT	--	--	--	620.60	--	--	--	5015 - DIA 12"	--	74	--
5031	CB TC T24F&G	551+74	16.0	RT	--	--	620.13	--	--	--	5016 - DIA 12"	--	623.08	75	YES
5032	PRC FLAR END SEC 12	551+74	24.0	RT	--	--	--	620.05	--	--	--	5016 - DIA 12"	--	75	--
5033	CB TC T24F&G	554+03	16.0	RT	--	--	619.33	--	--	--	5017 - DIA 12"	--	621.91	75	YES
5034	PRC FLAR END SEC 12	554+03	24.1	RT	--	--	--	619.25	--	--	--	5017 - DIA 12"	--	75	--
5035	CB TC T24F&G	556+18	16.0	RT	--	--	617.84	--	--	--	5018 - DIA 12"	--	621.25	75	YES
5036	PRC FLAR END SEC 12	556+18	24.3	RT	--	--	--	617.76	--	--	--	5018 - DIA 12"	--	75	--
5037	CB TC T24F&G	559+65	16.0	RT	--	--	615.10	--	--	--	5019 - DIA 12"	--	618.18	75	YES
5038	PRC FLAR END SEC 12	559+65	24.4	RT	--	--	--	615.02	--	--	--	5019 - DIA 12"	--	75	--
5039	CB TC T24F&G	562+70	16.0	RT	--	--	613.51	--	--	--	5020 - DIA 12"	--	616.03	76	YES
5040	PRC FLAR END SEC 12	562+70	22.4	RT	--	--	--	613.45	--	--	--	5020 - DIA 12"	--	76	--
5041	CB TC T24F&G	564+44	16.0	RT	--	--	612.90	--	--	--	5021 - DIA 12"	--	615.40	76	YES
5042	PRC FLAR END SEC 12	564+44	22.4	RT	--	--	--	612.84	--	--	--	5021 - DIA 12"	--	76	--
5043	CB TC T24F&G	566+18	15.2	RT	--	--	612.50	--	--	--	5022 - DIA 12"	--	615.00	76	YES
5044	PRC FLAR END SEC 12	566+18	21.8	RT	--	--	--	612.44	--	--	--	5022 - DIA 12"	--	76	--
5045	CB TC T24F&G	568+00	13.4	RT	--	--	612.17	--	--	--	5023 - DIA 12"	--	615.69	76	YES
5046	PRC FLAR END SEC 12	568+00	22.4	RT	--	--	--	612.09	--	--	--	5023 - DIA 12"	--	76	--
5047	CB TC T24F&G	569+36	13.4	RT	--	--	611.77	--	--	--	5024 - DIA 12"	--	615.00	76	YES
5048	PRC FLAR END SEC 12	569+36	22.0	RT	--	--	--	611.69	--	--	--	5024 - DIA 12"	--	76	--
5049	CB TC T24F&G	570+61	13.4	RT	--	--	611.39	--	--	--	5025 - DIA 12"	--	614.40	76	YES
5050	PRC FLAR END SEC 12	570+61	21.6	RT	--	--	--	611.32	--	--	--	5025 - DIA 12"	--	76	--
5051	CB TC T24F&G	571+36	13.4	RT	--	--	611.19	--	--	--	5026 - DIA 12"	--	614.40	76	YES
5052	PRC FLAR END SEC 12	571+36	21.7	RT	--	--	--	611.12	--	--	--	5026 - DIA 12"	--	76	--
5053	CB TC T24F&G	572+36	13.4	RT	--	--	610.90	--	--	--	5027 - DIA 12"	--	614.41	76	YES
5054	PRC FLAR END SEC 12	572+36	22.6	RT	--	--	--	610.82	--	--	--	5027 - DIA 12"	--	76	--
5055	CB TC T24F&G	573+86	13.5	RT	--	--	610.46	--	--	--	5028 - DIA 12"	--	614.52	76	YES
5056	PRC FLAR END SEC 12	573+86	23.6	RT	--	--	--	610.37	--	--	--	5028 - DIA 12"	--	76	--
5057	CB TC T24F&G	575+11	13.5	RT	--	--	610.11	--	--	--	5029 - DIA 12"	--	614.29	76	YES
5058	PRC FLAR END SEC 12	575+11	24.0	RT	--	--	--	610.02	--	--	--	5029 - DIA 12"	--	76	--
5071	CIP RC END SEC 24	574+95	23.6	RT	--	--	--	610.13	--	--	--	5053 - DIA 24	--	76	--

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE SCHEDULE - III
PROPOSED STRUCTURES

SCALE:
DRAWN BY HW
DATE 02/06/09
CHECKED BY TKL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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PLOT SCALE = $SCALE$
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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	81
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
3001	SS 2 RCP CL 3 12	DIA 12"	19	1.00	63	3001	3002
3002	SS 2 RCP CL 3 12	DIA 12"	18	1.00	64	3003	3004
3003	SS 2 RCP CL 3 12	DIA 12"	18	1.00	64	3005	3006
3004	SS 2 RCP CL 3 12	DIA 12"	18	1.00	64	3007	3008
3005	SS 1 RCP CL 4 12	DIA 12"	15	1.00	64	3009	3010
3006	SS 2 RCP CL 3 12	DIA 12"	16	1.00	64	3011	3012
3007	SS 2 RCP CL 3 12	DIA 12"	18	1.00	64	3013	3014
3008	SS 2 RCP CL 3 12	DIA 12"	18	1.00	64	3015	3016
3009	SS 2 RCP CL 3 12	DIA 12"	18	1.00	64	3017	3018
3010	SS 2 RCP CL 3 12	DIA 12"	17	1.00	64	3019	3020
3011	SS 2 RCP CL 3 12	DIA 12"	17	1.00	64	3021	3022
3012	SS 2 RCP CL 3 12	DIA 12"	18	1.00	65	3023	3024
3013	SS 2 RCP CL 3 12	DIA 12"	20	1.00	65	3025	3026
3014	SS 2 RCP CL 3 12	DIA 12"	22	1.00	65	3027	3028
3015	SS 2 RCP CL 3 12	DIA 12"	24	1.00	65	3029	3030
3016	SS 2 RCP CL 3 12	DIA 12"	23	1.00	65	3031	3032
3017	SS 2 RCP CL 3 12	DIA 12"	22	1.00	65	3033	3034
3018	SS 2 RCP CL 3 12	DIA 12"	21	1.00	65	3035	3036
3019	SS 2 RCP CL 3 12	DIA 12"	24	1.00	65	3037	3038
3020	SS 2 RCP CL 3 12	DIA 12"	22	1.00	66	3039	3040
3021	SS 2 RCP CL 3 12	DIA 12"	23	1.00	66	3041	3042
3022	SS 1 RCP CL 4 12	DIA 12"	20	1.00	66	3043	3044
3023	SS 1 RCP CL 4 12	DIA 12"	11	1.00	66	3045	3046
3024	SS 1 RCP CL 4 12	DIA 12"	11	1.00	66	3047	3048
3025	SS 1 RCP CL 4 12	DIA 12"	13	1.00	66	3049	3050
3026	SS 1 RCP CL 4 12	DIA 12"	13	1.00	66	3051	3052
3027	SS 1 RCP CL 4 12	DIA 12"	13	1.00	66	3053	3054
3028	SS 1 RCP CL 4 12	DIA 12"	13	1.00	67	3055	3056
3029	SS 1 RCP CL 4 12	DIA 12"	14	1.00	67	3057	3058
3030	SS 2 RCP CL 3 12	DIA 12"	15	1.00	67	3059	3060
3031	SS 2 RCP CL 3 12	DIA 12"	15	1.00	67	3061	3062
3032	SS 2 RCP CL 3 12	DIA 12"	15	1.00	67	3063	3064
3033	SS 1 RCP CL 4 12	DIA 12"	12	1.00	67	3065	3066
3034	SS 1 RCP CL 4 12	DIA 12"	12	1.00	67	3067	3068
3035	SS 1 RCP CL 4 12	DIA 12"	13	1.00	67	3069	3070
3036	SS 1 RCP CL 4 12	DIA 12"	13	1.00	67	3071	3072
3037	SS 1 RCP CL 4 12	DIA 12"	13	1.00	67	3073	3074
3038	SS 1 RCP CL 4 12	DIA 12"	11	1.00	67	3075	3076
3039	SS 1 RCP CL 4 12	DIA 12"	11	1.00	68	3077	3078
3040	SS 1 RCP CL 4 12	DIA 12"	11	1.00	68	3079	3080
3041	SS 1 RCP CL 4 12	DIA 12"	12	0.40	68	3081	3082
3042	SS 1 RCP CL 4 12	DIA 12"	7	0.40	68	3083	3084
3043	SS 1 RCP CL 4 12	DIA 12"	8	0.40	68	3085	3086
3044	SS 1 RCP CL 4 12	DIA 12"	12	0.40	68	3087	3088
3045	SS 1 RCP CL 4 12	DIA 12"	15	0.40	68	3089	3090
3046	SS 1 RCP CL 4 12	DIA 12"	15	0.40	68	3091	3092
3047	SS 1 RCP CL 4 12	DIA 12"	14	0.40	68	3093	3094
3048	SS 1 RCP CL 4 12	DIA 12"	11	1.00	68	3095	3096
3049	SS 1 RCP CL 4 12	DIA 12"	13	1.00	68	3097	3098
3050	SS 1 RCP CL 4 12	DIA 12"	13	1.00	69	3099	3100
3051	SS 1 RCP CL 4 12	DIA 12"	12	1.00	69	3101	3102
4001	SS 1 RCP CL 4 12	DIA 12"	9	0.40	70	4001	4002
4002	SS 1 RCP CL 4 12	DIA 12"	9	0.40	70	4003	4004
4003	SS 1 RCP CL 4 12	DIA 12"	9	0.40	70	4005	4006
4004	SS 1 RCP CL 4 12	DIA 12"	9	0.40	70	4007	4008
4005	SS 1 RCP CL 4 12	DIA 12"	9	0.40	70	4009	4010
4006	SS 1 RCP CL 4 12	DIA 12"	10	0.40	70	4011	4012
4007	SS 1 RCP CL 4 12	DIA 12"	10	0.40	70	4013	4014
4008	SS 1 RCP CL 4 12	DIA 12"	10	0.40	71	4015	4016
4009	SS 1 RCP CL 4 12	DIA 12"	10	0.40	71	4017	4018
4010	SS 1 RCP CL 4 12	DIA 12"	9	0.40	71	4019	4020
4011	SS 1 RCP CL 4 12	DIA 12"	8	0.40	71	4021	4022
4012	SS 1 RCP CL 4 12	DIA 12"	10	0.40	71	4023	4024
* 4051	SS 2 RCP CL 3 18	DIA 18"	37	2.00	70	4051	4052
5001	SS 1 RCP CL 4 12	DIA 12"	9	1.00	72	5001	5002
5002	SS 1 RCP CL 4 12	DIA 12"	9	1.00	72	5003	5004
5003	SS 1 RCP CL 4 12	DIA 12"	9	0.40	72	5005	5006
5004	SS 1 RCP CL 4 12	DIA 12"	9	0.40	73	5007	5008
5005	SS 1 RCP CL 4 12	DIA 12"	10	0.40	73	5009	5010
5006	SS 1 RCP CL 4 12	DIA 12"	12	0.40	73	5011	5012

PIPE NO.	PIPE DESCRIPTION	PIPE SIZE	LENGTH (FT)	SLOPE (%)	SHEET NO.	FROM STRUCTURE	TO STRUCTURE
5007	SS 1 RCP CL 4 12	DIA 12"	14	0.40	73	5013	5014
5008	SS 1 RCP CL 4 12	DIA 12"	20	1.00	73	5015	5016
5009	SS 2 RCP CL 3 12	DIA 12"	9	1.00	74	5017	5018
5010	SS 1 RCP CL 4 12	DIA 12"	9	1.00	74	5019	5020
5011	SS 1 RCP CL 4 12	DIA 12"	9	1.00	74	5021	5022
5012	SS 1 RCP CL 4 12	DIA 12"	8	1.00	74	5023	5024
5013	SS 1 RCP CL 4 12	DIA 12"	9	1.00	74	5025	5026
5014	SS 1 RCP CL 4 12	DIA 12"	9	1.00	74	5027	5028
5015	SS 1 RCP CL 4 12	DIA 12"	8	1.00	74	5029	5030
5016	SS 1 RCP CL 4 12	DIA 12"	8	1.00	75	5031	5032
5017	SS 1 RCP CL 4 12	DIA 12"	9	1.00	75	5033	5034
5018	SS 1 RCP CL 4 12	DIA 12"	9	1.00	75	5035	5036
5019	SS 1 RCP CL 4 12	DIA 12"	9	1.00	75	5037	5038
5020	SS 1 RCP CL 4 12	DIA 12"	7	1.00	76	5039	5040
5021	SS 1 RCP CL 4 12	DIA 12"	7	1.00	76	5041	5042
5022	SS 1 RCP CL 4 12	DIA 12"	7	1.00	76	5043	5044
5023	SS 1 RCP CL 4 12	DIA 12"	8	1.00	76	5045	5046
5024	SS 1 RCP CL 4 12	DIA 12"	8	1.00	76	5047	5048
5025	SS 1 RCP CL 4 12	DIA 12"	8	1.00	76	5049	5050
5026	SS 1 RCP CL 4 12	DIA 12"	8	1.00	76	5051	5052
5027	SS 1 RCP CL 4 12	DIA 12"	9	1.00	76	5053	5054
5028	SS 1 RCP CL 4 12	DIA 12"	9	1.00	76	5055	5056
5029	SS 1 RCP CL 4 12	DIA 12"	10	1.00	76	5057	5058
5051	SS 2 RCEP S23 R14	Span 23", Rise 14"	4	0.50	75	EPC	RES
5052	SS 2 RCEP S23 R14	Span 23", Rise 14"	4	0.50	75	EPC	RES
5053	SS 2 RCP CL 3 24	DIA 24"	8	0.50	76	EPC	5071

LEGEND

EPC - EXISTING PIPE CULVERT
RES - RELOCATED EXISTING STRUCTURE

LEGEND

* TRENCH BACKFILL FOR PIPE 4051 IS 10.08 CU YD

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE SCHEDULE - IV
PROPOSED PIPES

SCALE:
DRAWN BY HW
DATE 04/21/09
CHECKED BY TKL

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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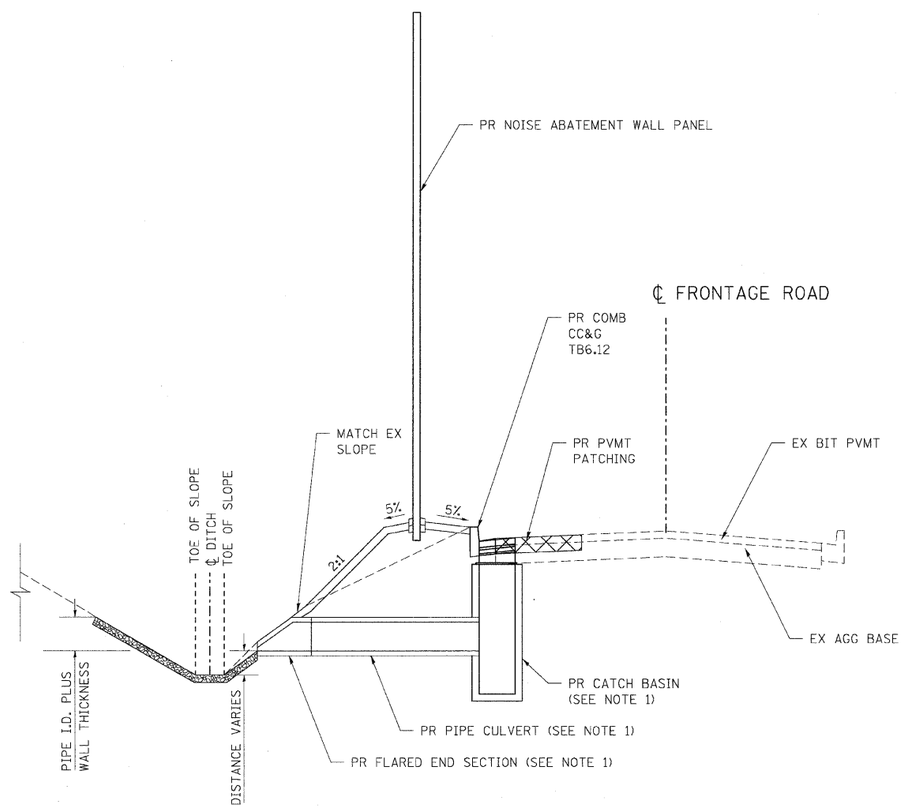
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	82
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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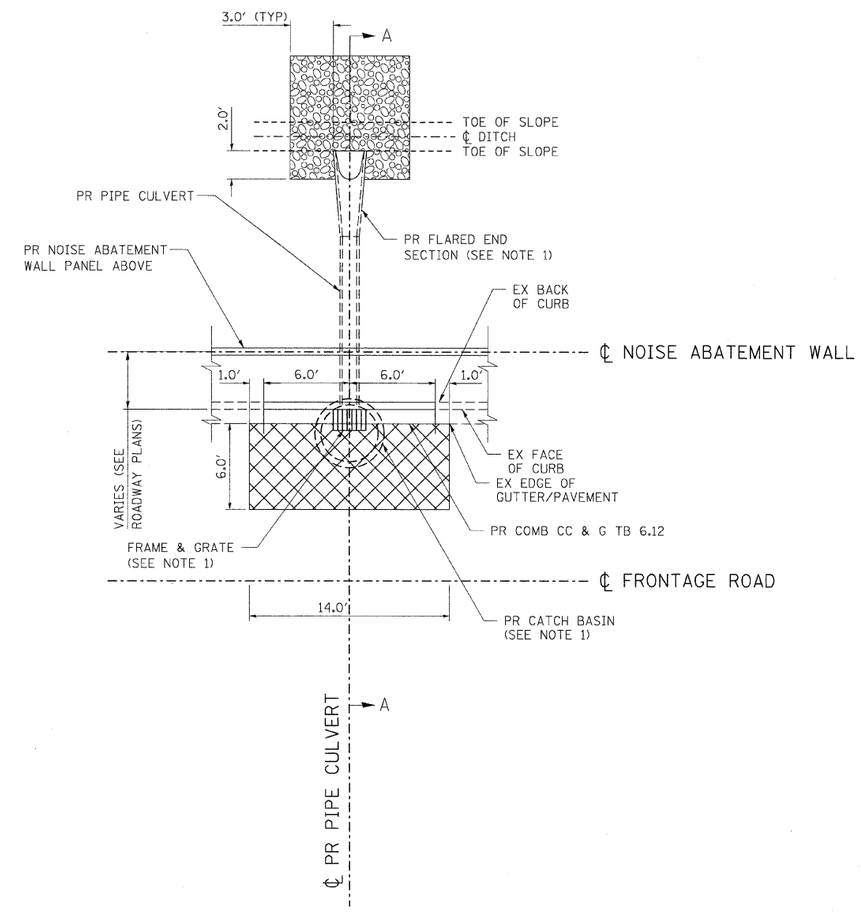

PLAN

LEGEND

CLASS D PATCHES, TYPE II, 9 INCH

PR STONE RIPRAP, CLASS A3

NOTE

1. SEE DRAINAGE PLANS FOR TYPE AND SIZES OF DRAINAGE ITEMS.

DRAINAGE OUTLETS FOR ROADWAYS WITH EXISTING CURB & GUTTER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE DETAILS I

SCALE: N.T.S. DRAWN BY KS

DATE 04/21/09 CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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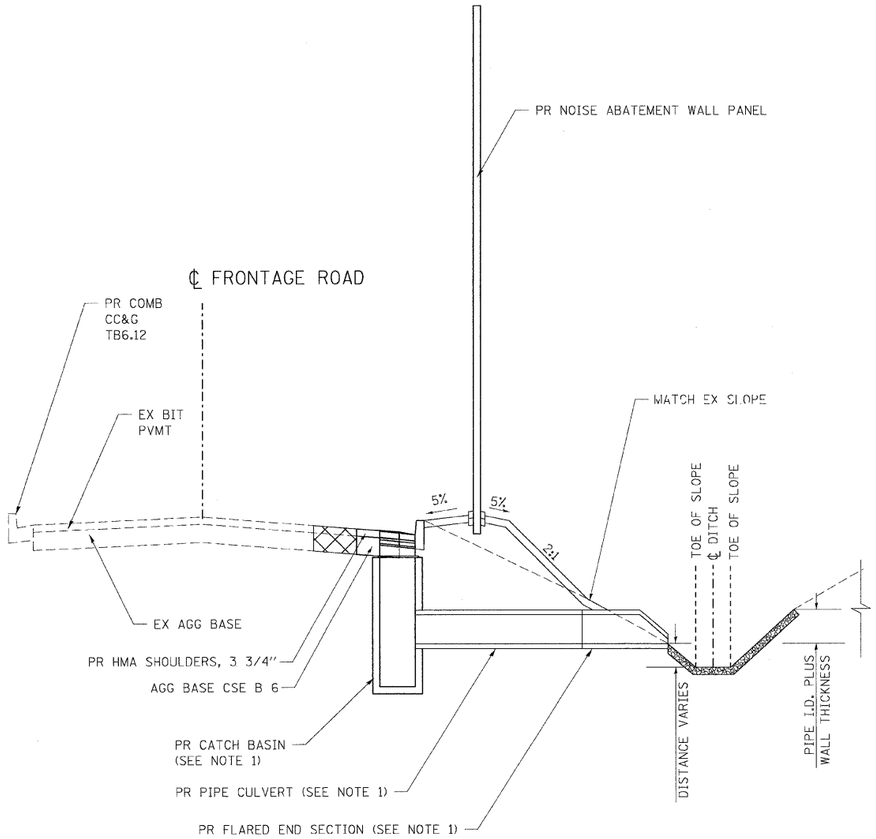
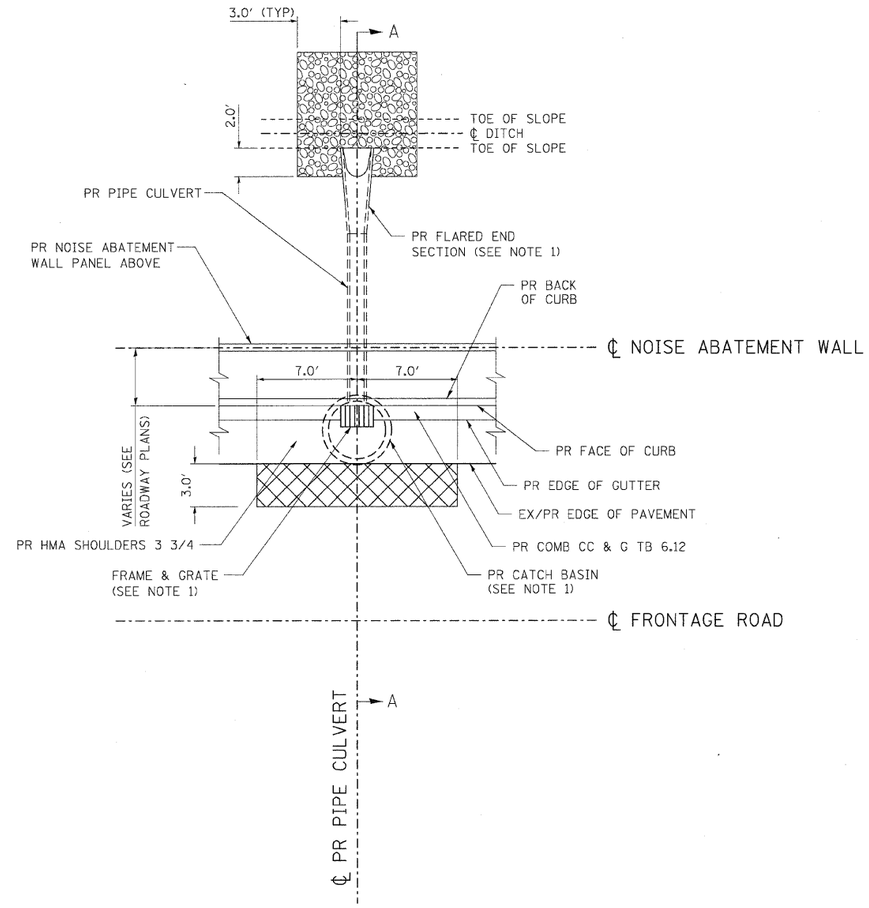
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	83
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ELEVATION A-A



PLAN

LEGEND

CLASS D PATCHES, TYPE I, 9 INCH

PR STONE RIPRAP, CLASS A3

NOTE

1. SEE DRAINAGE PLANS FOR TYPE AND SIZES OF DRAINAGE ITEMS.

DRAINAGE OUTLETS FOR ROADWAYS WITH PROPOSED CURB & GUTTER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

DRAINAGE DETAILS II

SCALE: N.T.S. DRAWN BY KS
DATE 04/21/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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PLOT SCALE = $SCALE$
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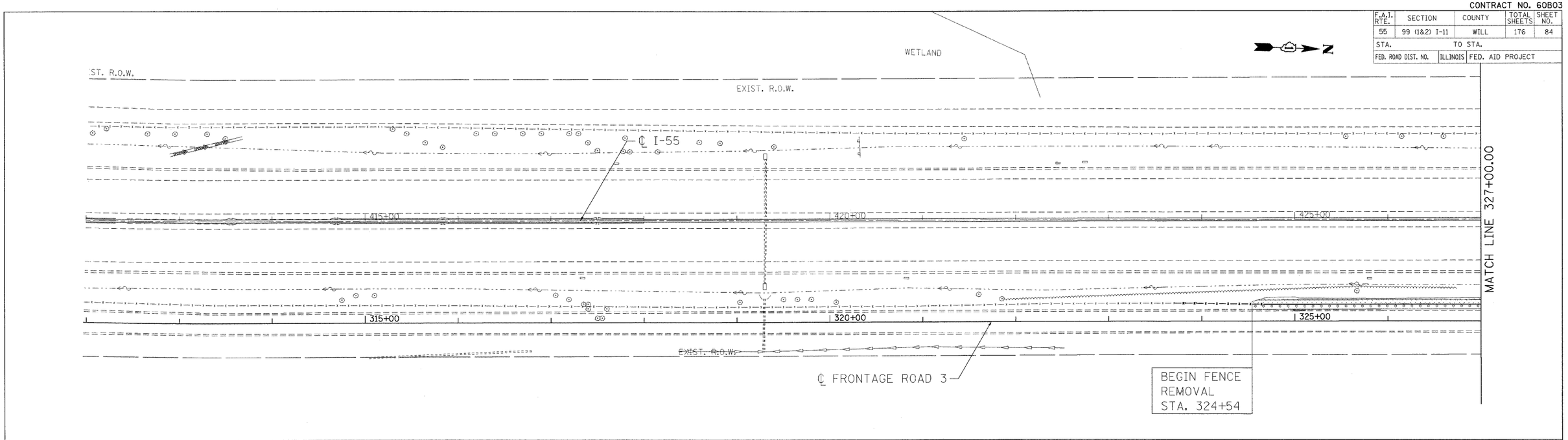
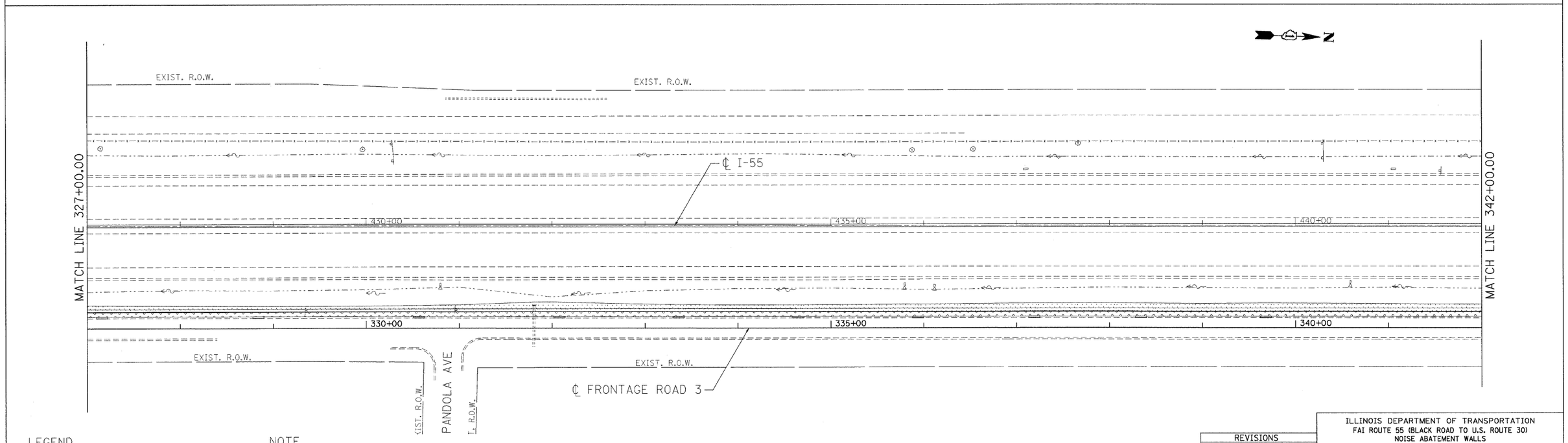
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	84
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

SEEDING, CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

SEEDING, CLASS 4 WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

NOTE

SEE TYPICAL SECTION DETAILS SHEET 10 FOR LOCATION AND DETAILS OF COMPOST FURNISH AND PLACE AND VINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

LANDSCAPING PLAN
FAI 55 - NOISE WALL 3
STA. 312+00.00 TO STA. 342+00.00

SCALE: 1"=50'
DRAWN BY JFS
DATE 02/06/09
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
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PLOT SCALE = $SCALE$
USER NAME = $USER$

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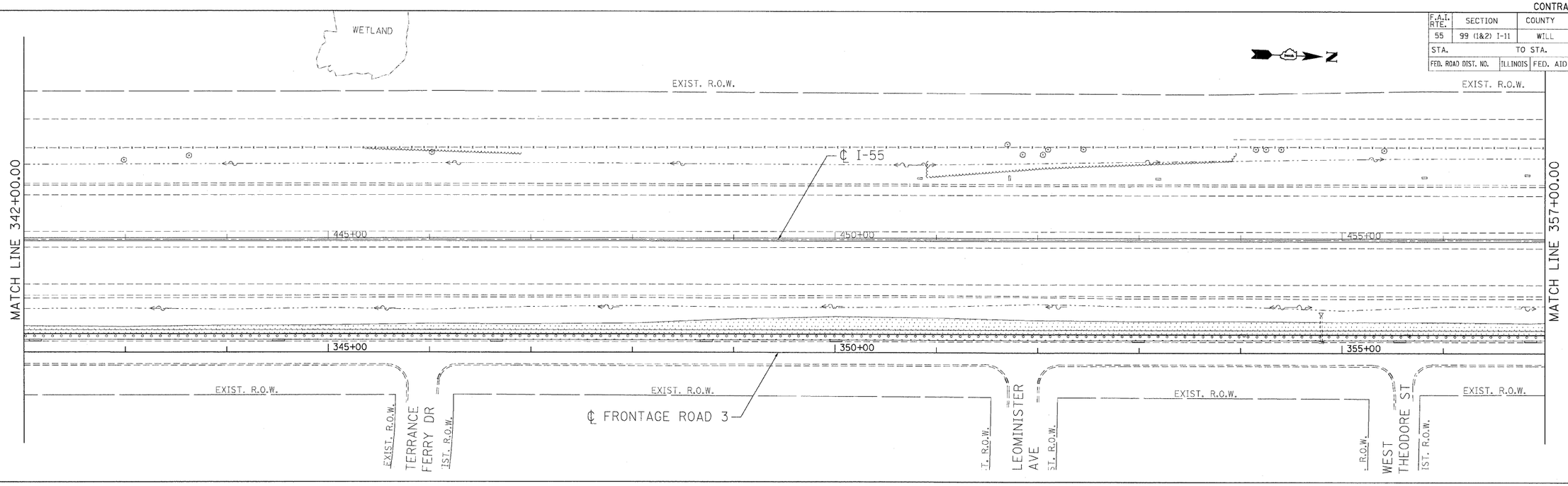
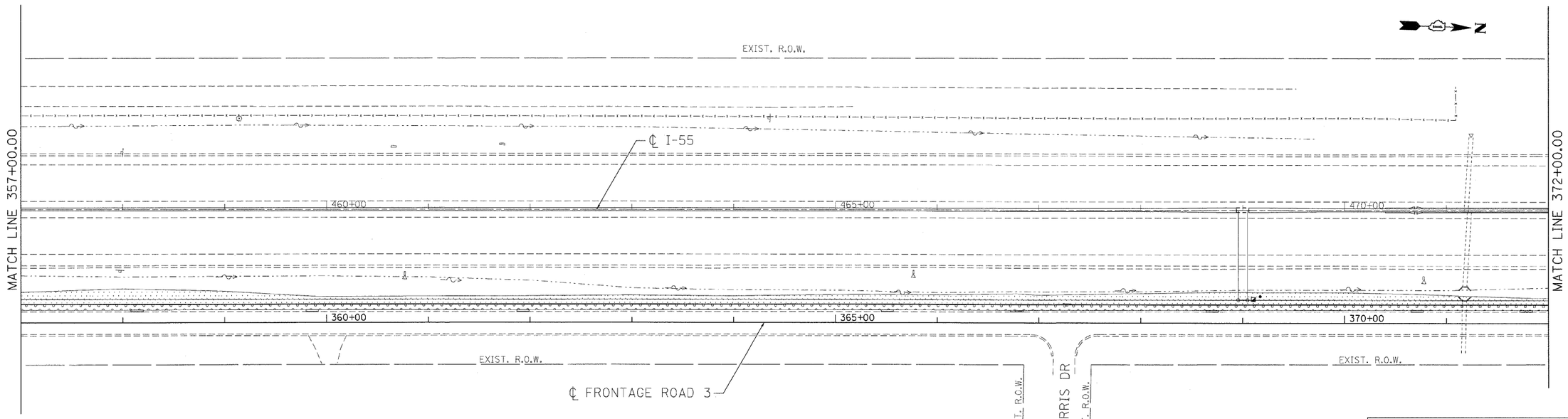
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	85
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

SEEDING, CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

SEEDING, CLASS 4 WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

NOTE

SEE TYPICAL SECTION DETAILS SHEET 10 FOR LOCATION AND DETAILS OF COMPOST FURNISH AND PLACE AND VINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

LANDSCAPING PLAN
FAI 55 - NOISE WALL 3
STA. 342+00.00 TO STA. 372+00.00

SCALE: 1"=50' DRAWN BY JFS

DATE 02/06/09 CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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FILE NAME = $FILE$
PLOT SCALE = $SCALE$
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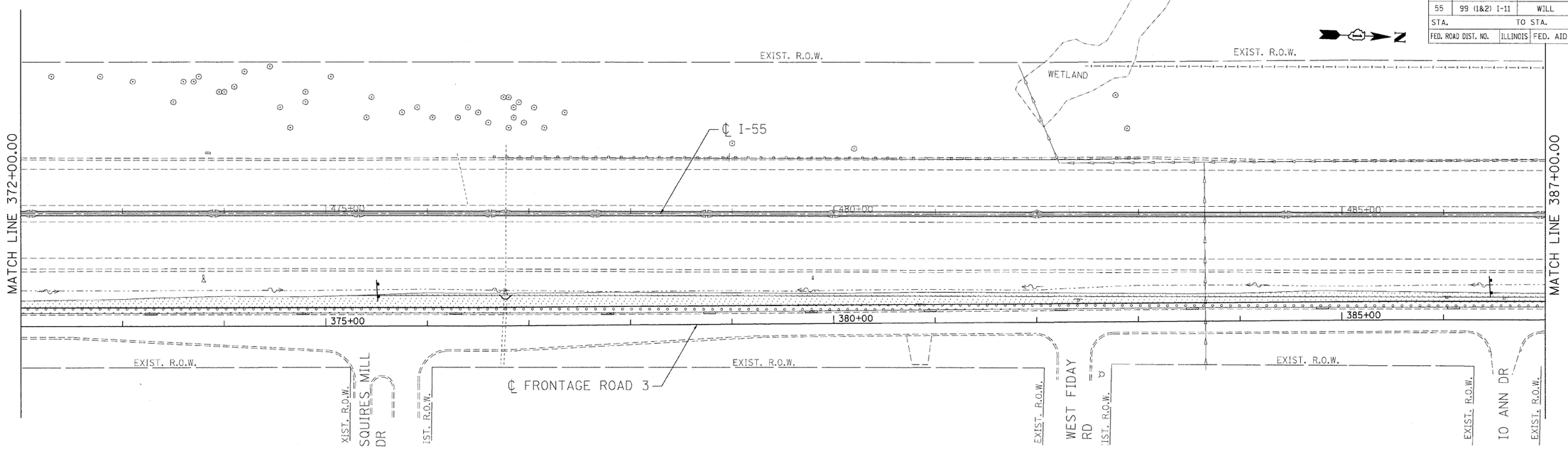
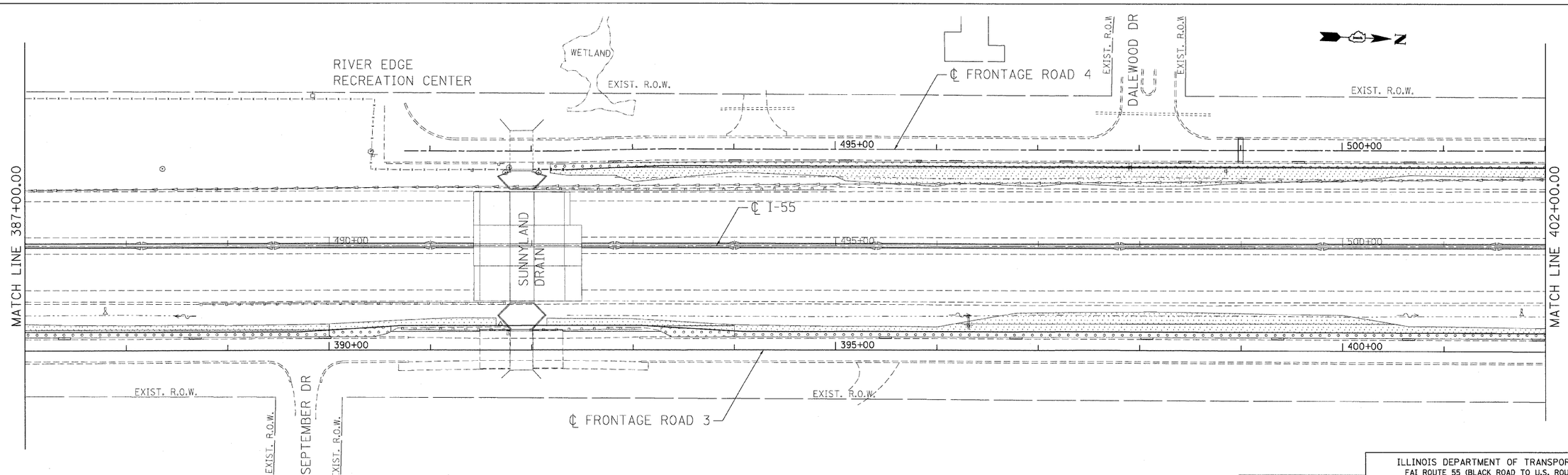
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	86
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

SEEDING, CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

SEEDING, CLASS 4 WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

NOTE

SEE TYPICAL SECTION DETAILS SHEET 10 FOR LOCATION AND DETAILS OF COMPOST FURNISH AND PLACE AND VINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

LANDSCAPING PLAN
FAI 55 - NOISE WALL 3
STA. 372+00.00 TO STA. 402+00.00

SCALE: 1"=50' DRAWN BY JFS

DATE 02/06/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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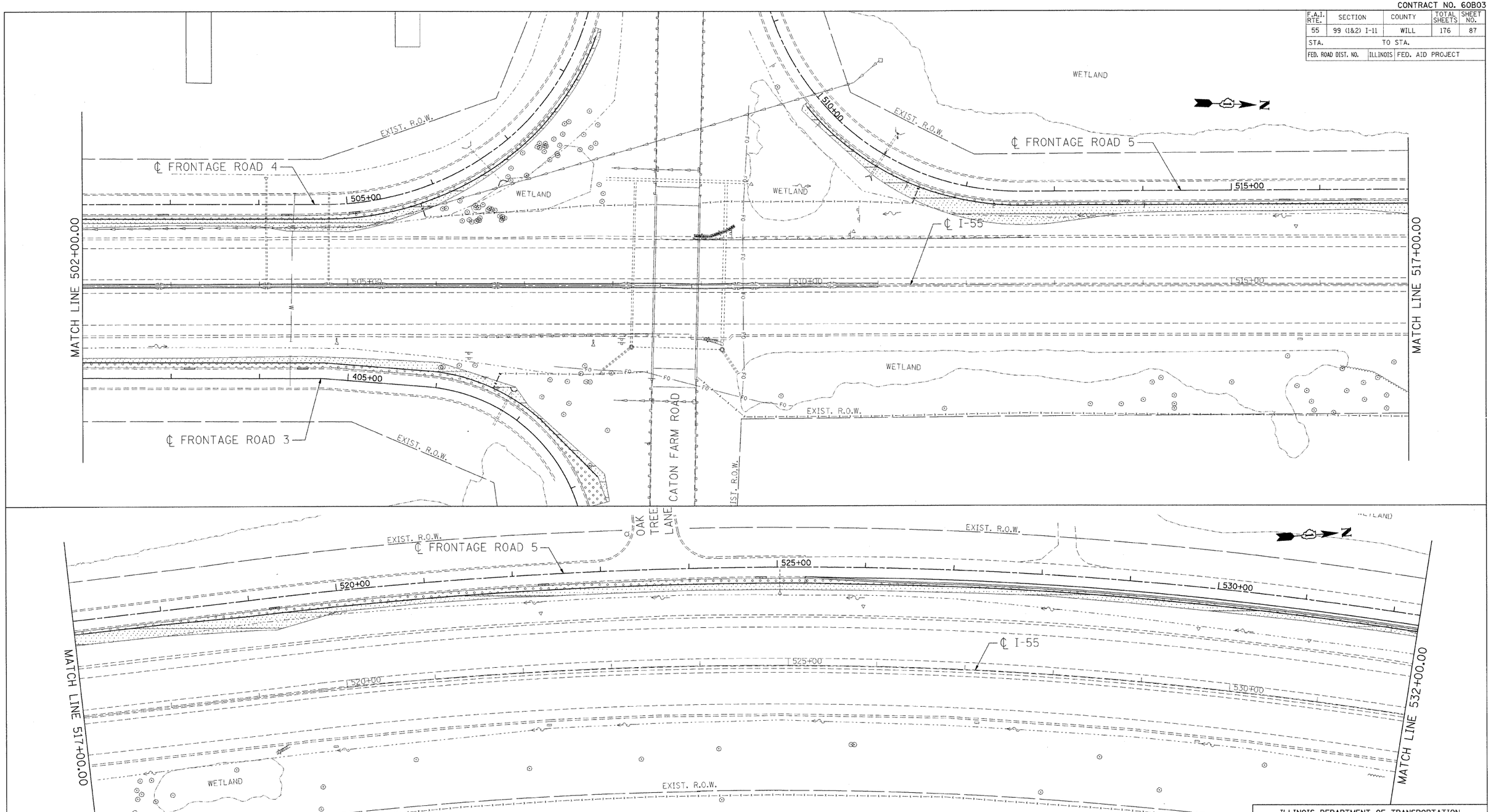
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	87
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

SEEDING, CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

SEEDING, CLASS 4 WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

NOTE

SEE TYPICAL SECTION DETAILS SHEET 10 FOR LOCATION AND DETAILS OF COMPOST FURNISH AND PLACE AND VINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

LANDSCAPING PLAN
FAI 55
STA. 502+00.00 TO STA. 532+00.00

SCALE: 1"=50'
DRAWN BY JFS
DATE 02/06/09
CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
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CONTRACT NO. 60B03

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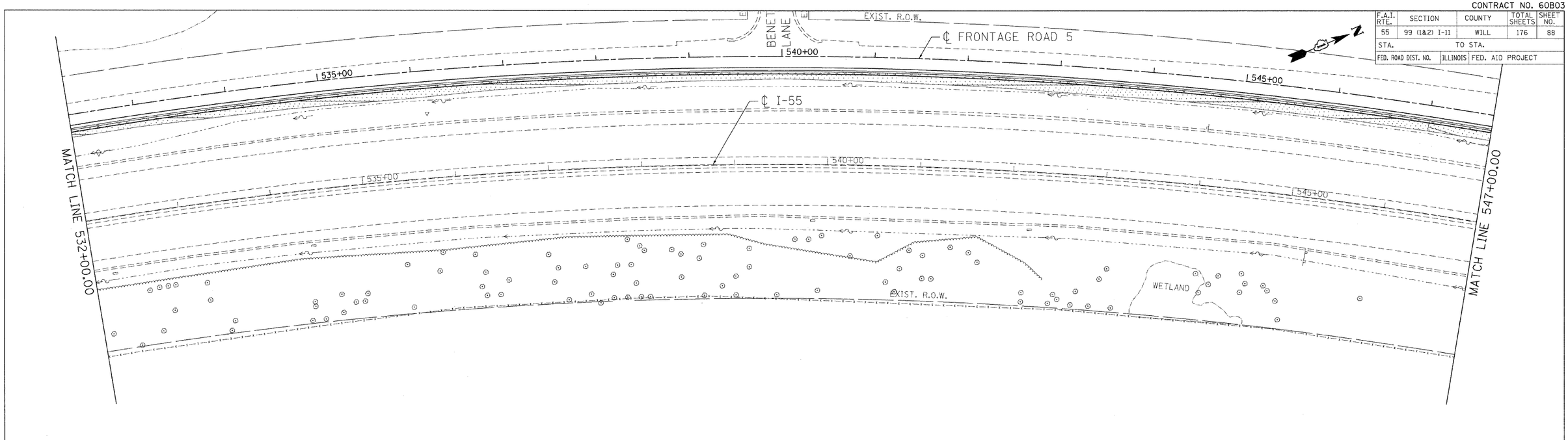
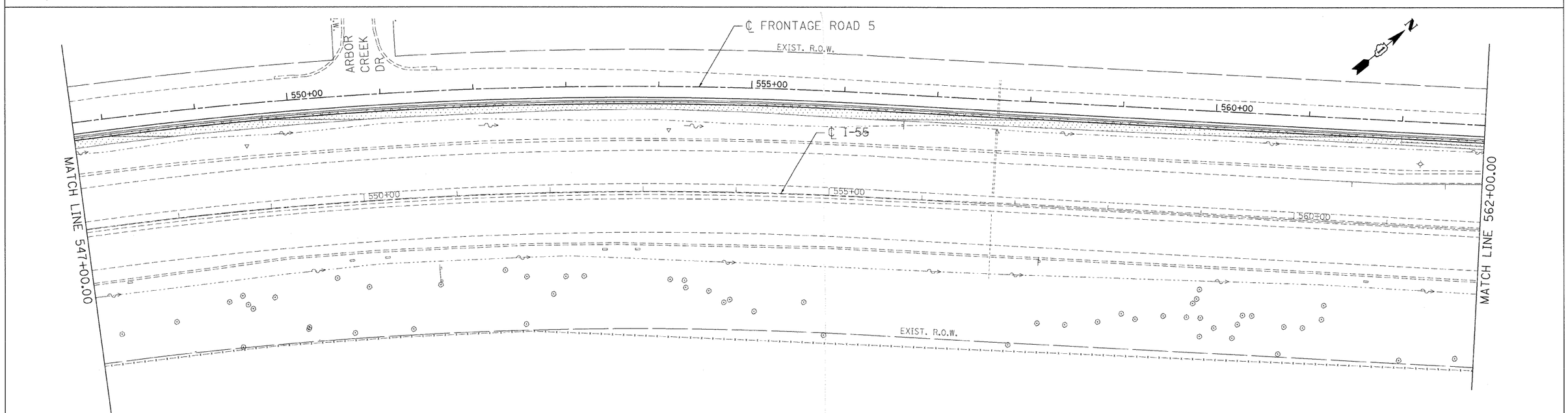
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





LEGEND

SEEDING, CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

SEEDING, CLASS 4 WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

NOTE

SEE TYPICAL SECTION DETAILS SHEET 10 FOR LOCATION AND DETAILS OF COMPOST FURNISH AND PLACE AND VINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

LANDSCAPING PLAN
FAI 55
STA. 532+00.00 TO STA. 562+00.00

SCALE: 1"=50' DRAWN BY JFS

DATE 02/06/09 CHECKED BY DDH

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

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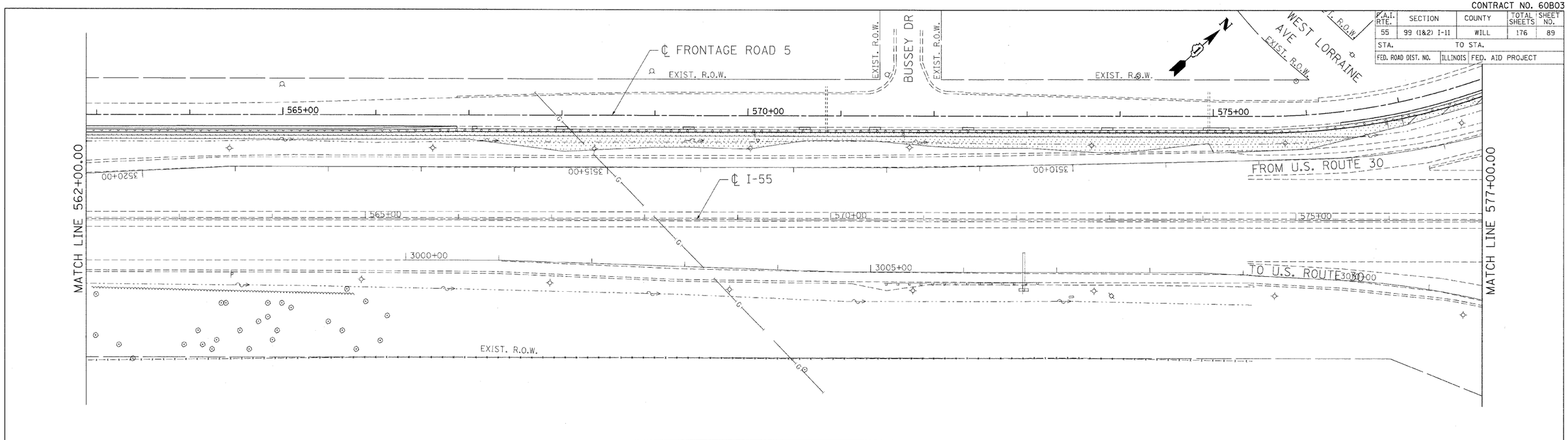
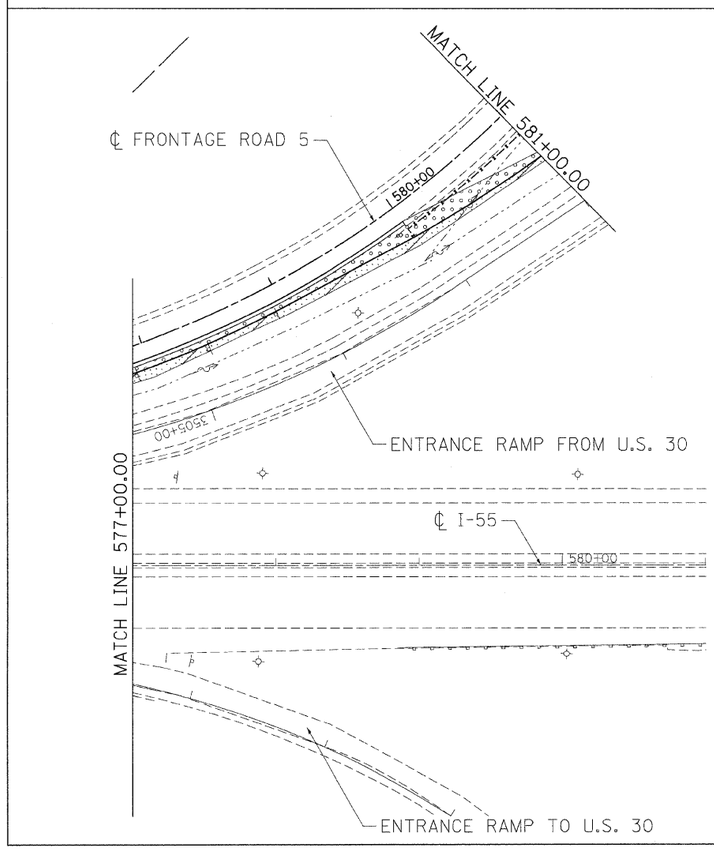
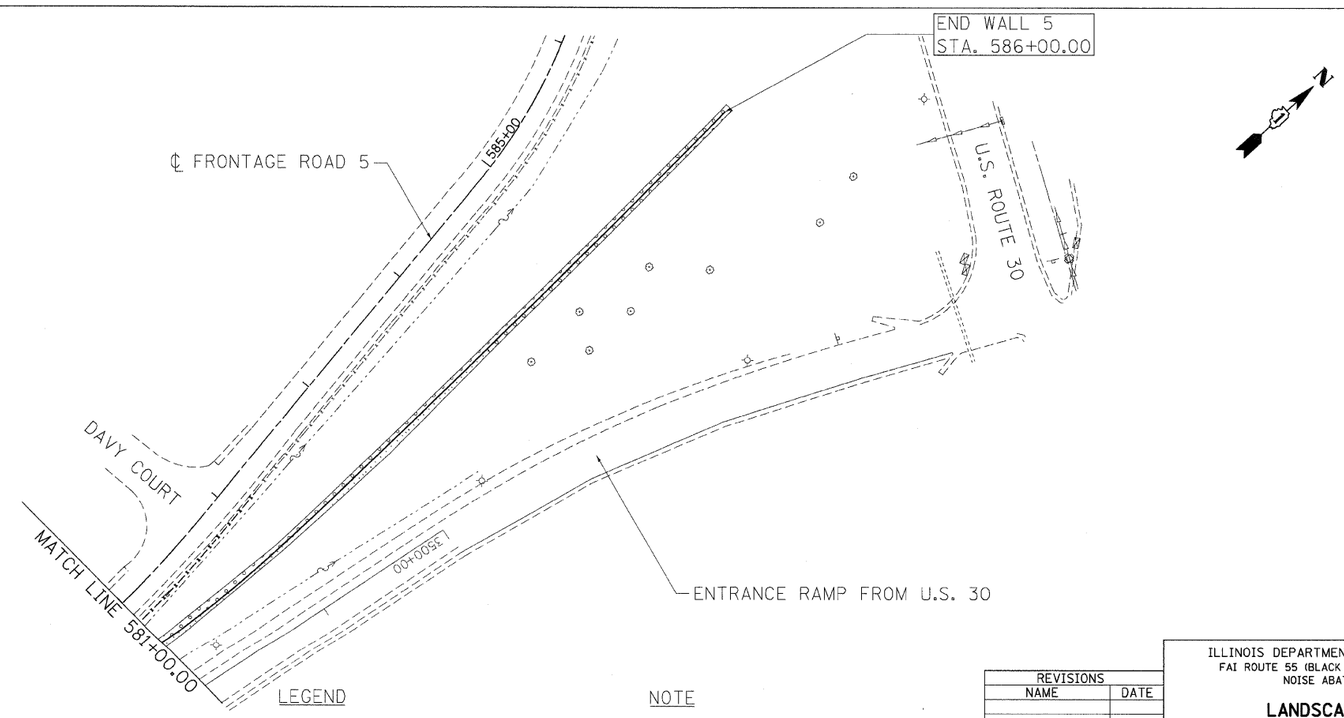
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		







LEGEND

SEEDING, CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

SEEDING, CLASS 4 WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET

NOTE

SEE TYPICAL SECTION DETAILS SHEET 10 FOR LOCATION AND DETAILS OF COMPOST FURNISH AND PLACE AND VINES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

LANDSCAPING PLAN
FAI 55
STA. 562+00.00 TO STA. 592+00.00

SCALE: 1"=50' DRAWN BY JFS

DATE 02/06/09 CHECKED BY DDH

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
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CONTRACT NO. 60B03

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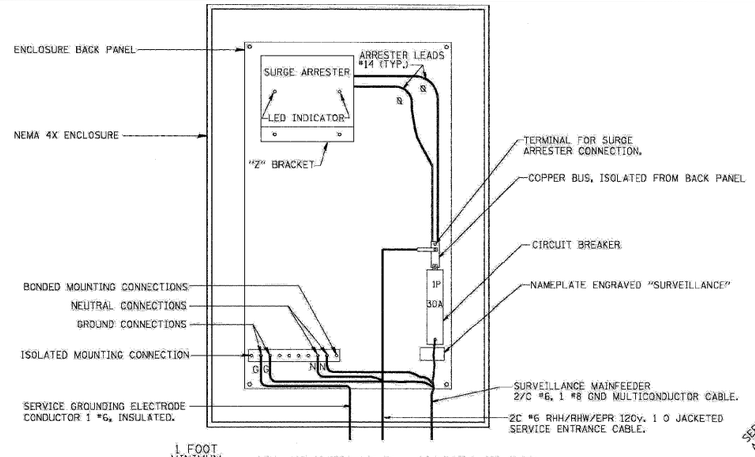
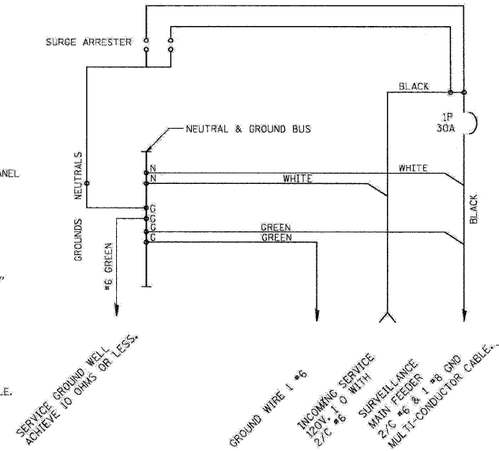
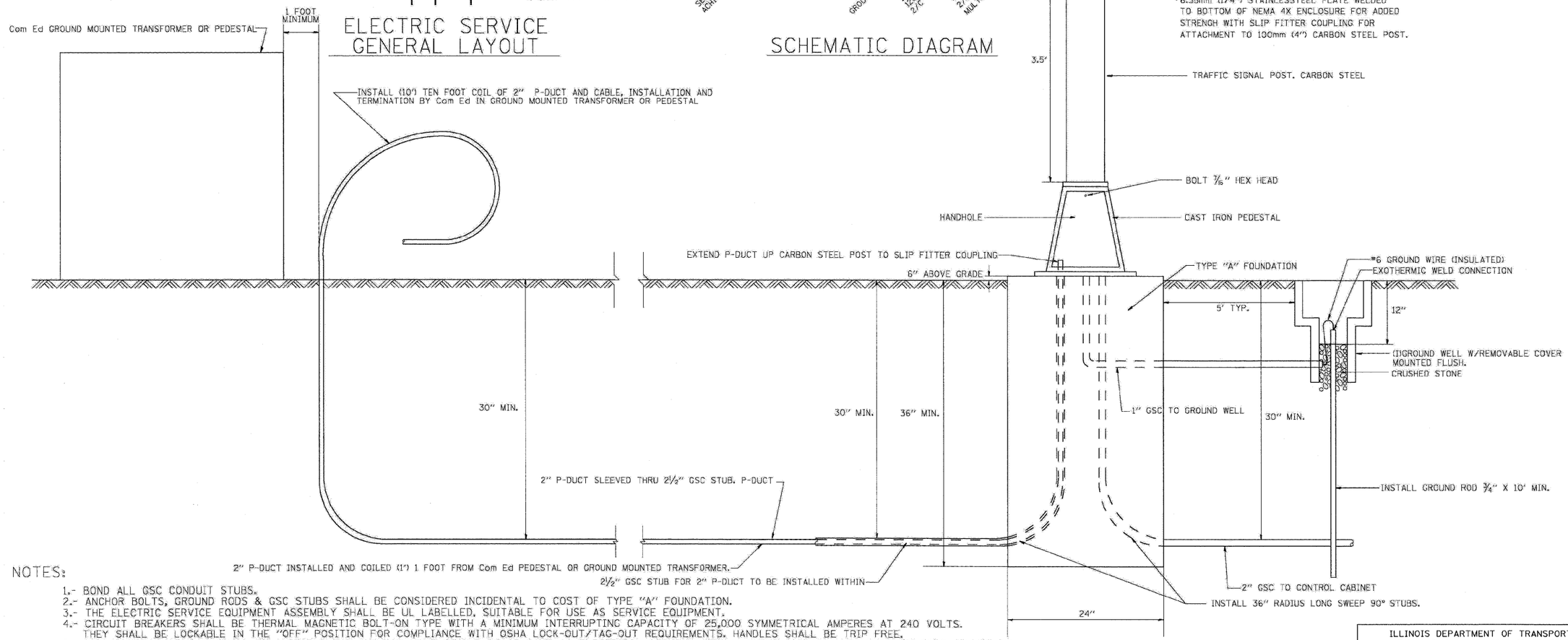
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ELECTRIC SERVICE GENERAL LAYOUT



SCHEMATIC DIAGRAM



NOTES:

1.- BOND ALL GSC CONDUIT STUBS.
2.- ANCHOR BOLTS, GROUND RODS & GSC STUBS SHALL BE CONSIDERED INCIDENTAL TO COST OF TYPE "A" FOUNDATION.
3.- THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELLED, SUITABLE FOR USE AS SERVICE EQUIPMENT.
4.- CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 25,000 SYMMETRICAL AMPERES AT 240 VOLTS. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
5.- THE SURGE PROTECTOR SHALL BE SUITABLE FOR 240/120 VOLT SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE ENERGY CAPABILITY OF 2160 JOULES OR BETTER AT 8/20 MICROSECONDS, RATED -40 TO 65 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449, JOSLYN SURGETRON III MODEL 126521 OR APPROVED EQUAL. FOLLOW MANUFACTURS RECOMMENDED WIRING INSTALLATION INSTRUCTIONS.
6.- BUS BARS, CONNECTORS AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS.
7.- THE COMBINATION GROUND AND NEUTRAL BAR SHALL BE CONFIGURED WITH SEPARATE GROUND AND NEUTRAL SECTIONS AND SPARE TERMINALS AS INDICATED. THE HEADS OF GROUND SCREWS SHALL BE PAINTED GREEN. THE HEADS OF NEUTRAL SCREWS SHALL BE PAINTED WHITE.
8.- A PLASTIC LAMINATED LAYOUT AND CIRCUIT DIAGRAM SHALL BE AFFIXED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
9.- A 2-COLOR ENGRAVED PLASTIC NAMEPLATE, ATTACHED WITH SCREWS, AND ENGRAVED AS INDICATED, SHALL BE PROVIDED FOR EACH MAIN BREAKER.
10.- PROVIDE ON LAYOUT AND CIRCUIT DIAGRAM A BILL OF MATERIALS USED WITH CATALOG NUMBERS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

TYPICAL E-SERVICE INSTALLATION

SCALE: NTS — DRAWN BY
DATE 02/06/09 — CHECKED BY

TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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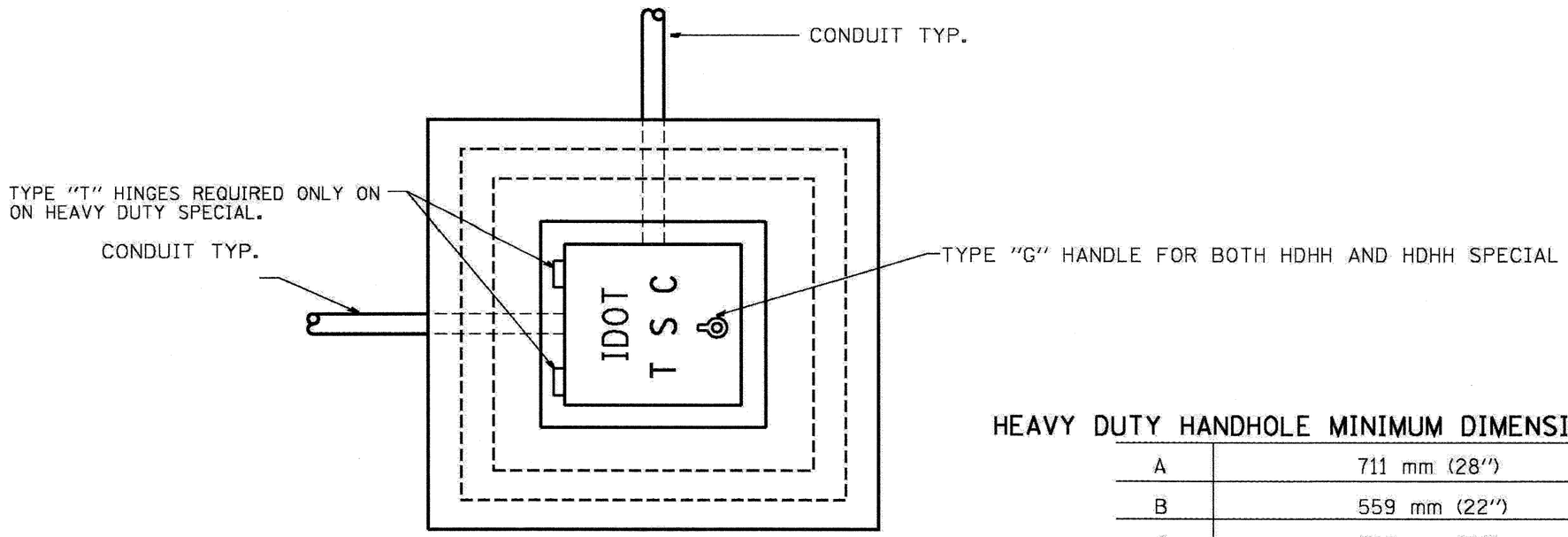
CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	91
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

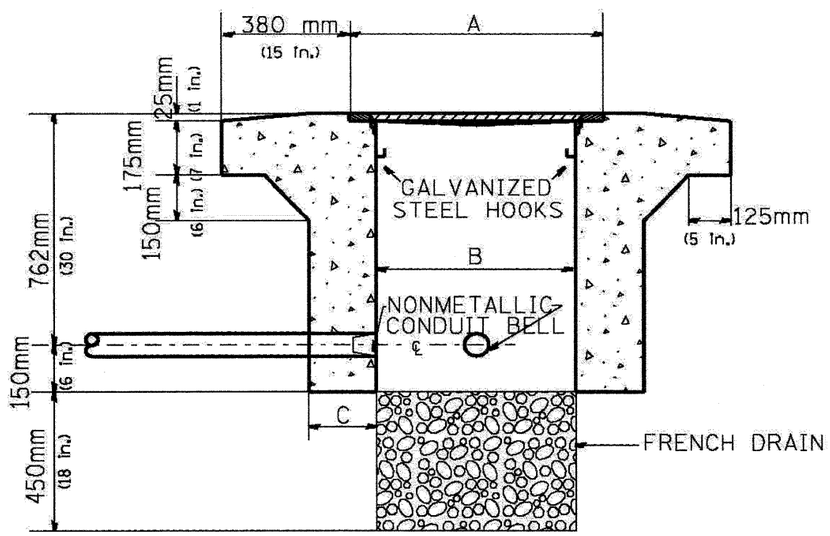


PLAN

HEAVY DUTY HANDHOLE MINIMUM DIMENSIONS (UNHINGED)

A	711 mm (28")
B	559 mm (22")
C	200 mm (8")

(FRAME AND COVER 118 Kg. (260 LBS.) MIN.)



ELEVATION

HEAVY DUTY HANDHOLE SPECIAL MINIMUM DIMENSIONS

A	800 mm (31.5")
B	762 mm (30")
C	250 mm (10")

(FRAME AND COVER 184 Kg. (405 LBS.))

PC CONCRETE - HEAVY DUTY HAND HOLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

PC CONCRETE - HEAVY DUTY HAND HOLE

SCALE: NTS — DRAWN BY
DATE 02/06/09 — CHECKED BY

TENG — TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

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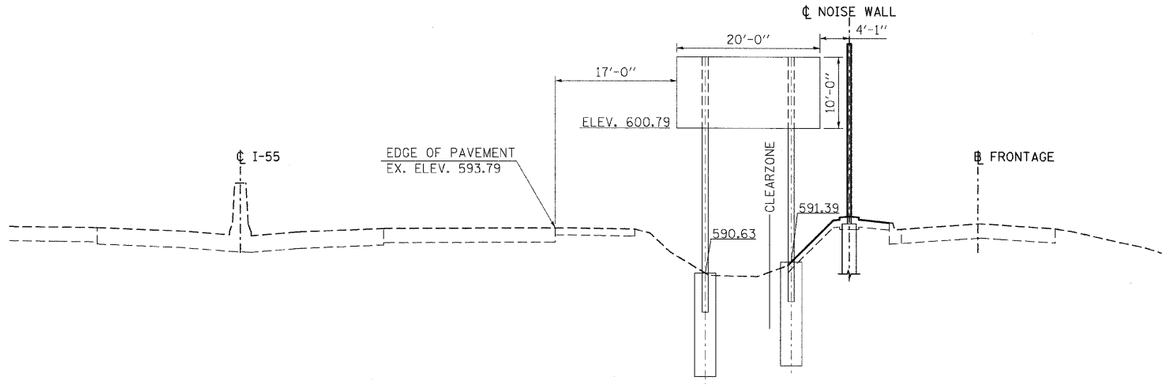
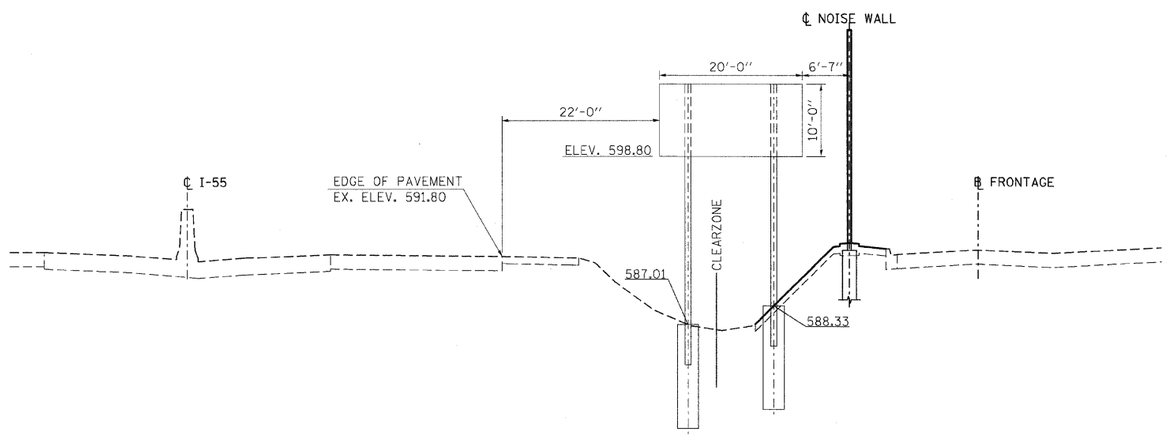
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED GROUND-MOUNT SIGN

STA. 386+45 ℄ FRONTAGE ROAD 3
(LOOKING NORTH)



PROPOSED GROUND-MOUNT SIGN

STA. 375+50 ℄ FRONTAGE ROAD 3
(LOOKING NORTH)

SCHEDULE OF QUANTITIES - SIGNING

				SIGN PANEL, TY 3 AND STRUCTURES			
	SIGN NUMBER			1G0991055R255.4	MP 255.40	1G0991055R255.58	MP 255.58
	STATION			375+50		386+45	
	SIZE (WIDTH x HEIGHT)			20'x 10'		20'x 10'	
ITEM	TOTAL QUANTITY	UNIT		INSTALLATION	REMOVAL	INSTALLATION	REMOVAL
REINFORCEMENT BARS	460	POUND	OKAY	230		230	
REMOVE SIGN PANEL ASSEMBLY - TYPE B	2	EACH	OKAY		1		1
RELOCATE SIGN PANEL ASSEMBLY - TYPE B	2	EACH	OKAY		1		1
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	2793	POUND	OKAY	1437		1356	
CONCRETE FOUNDATIONS	7.6	CU YD	OKAY	3.8		3.8	
REMOVE CONCRETE FOUNDATION - GROUND MOUNT	4	EACH	OKAY		2		2

NOTES:

SEE SHEETS 93 AND 94 FOR ADDITIONAL DETAILS REGARDING THE STRUCTURAL STEEL SIGN SUPPORTS - BREAKAWAY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

SIGN DETAILS

SCALE: N.T.S. DRAWN BY AG
DATE 02/06/09 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

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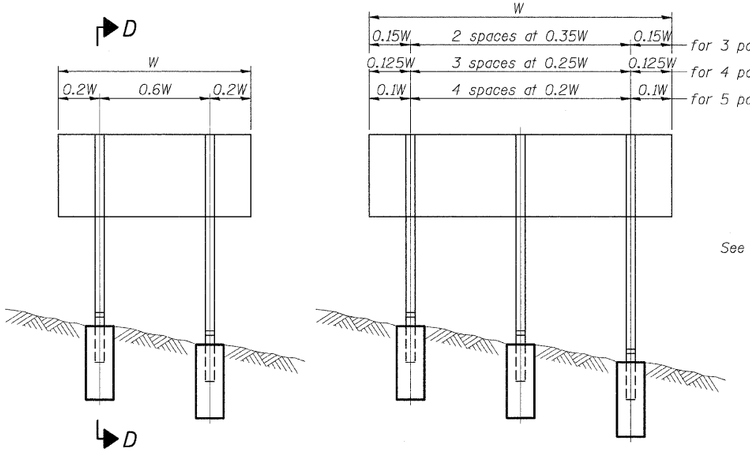
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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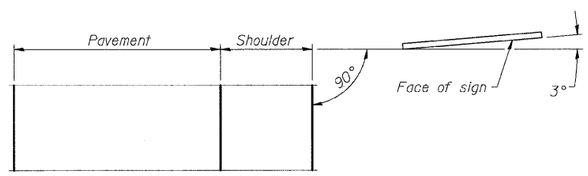

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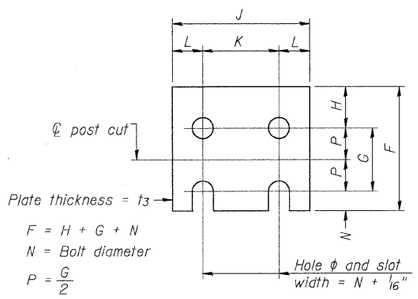
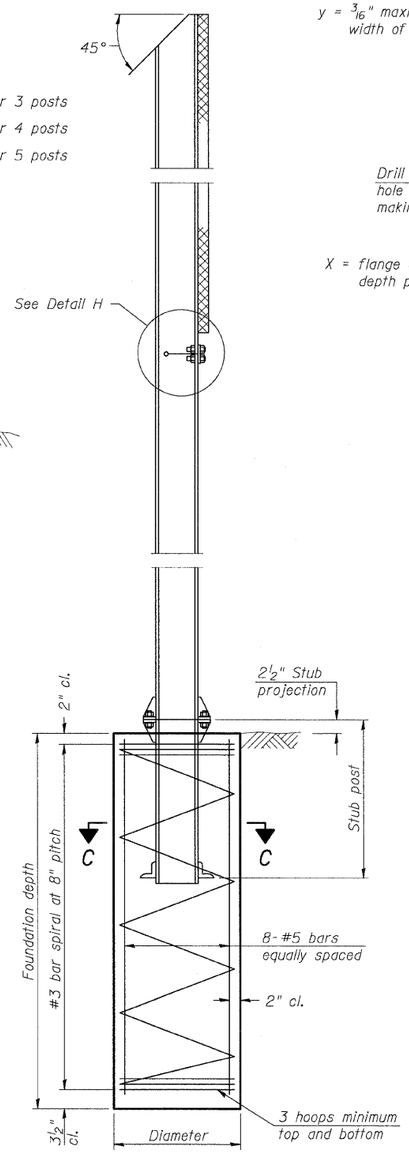


FUSE PLATE DATA		
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"

FUSE PLATE DETAIL

(Install with notches down.)



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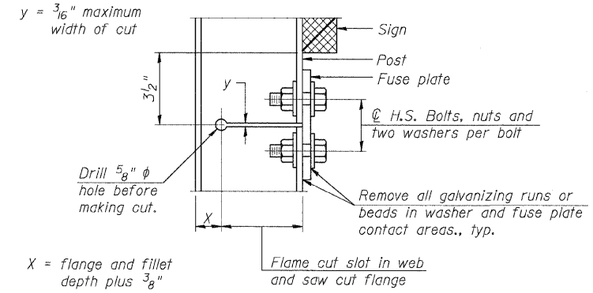
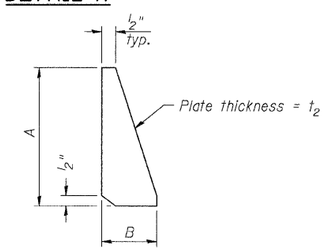
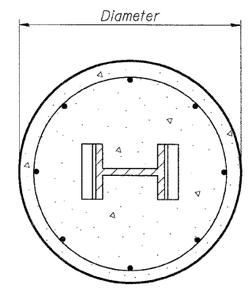


DETAIL H



STIFFENER PLATE DETAIL

(See table for dimensions.)



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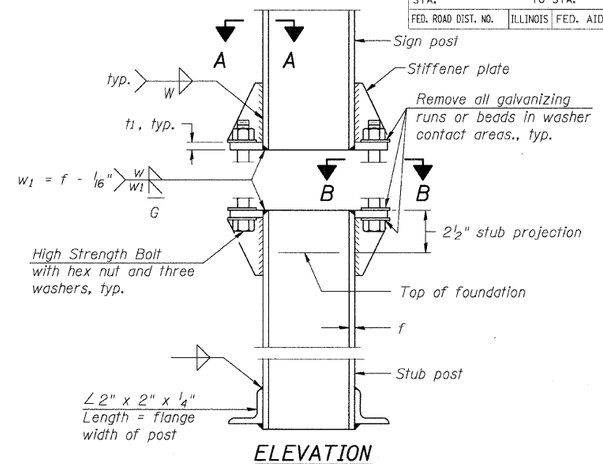
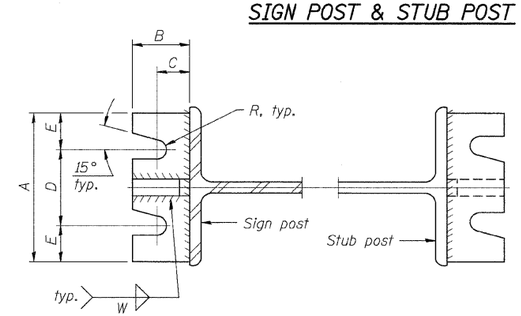
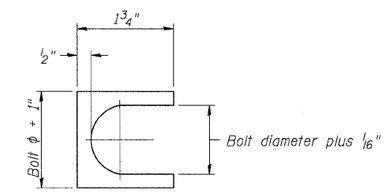


ELEVATION
SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

NUMBER	REVISION	DATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS

SCALE: N.T.S. DRAWN BY AG
DATE 02/06/09 CHECKED BY

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

BAW-A-1 5/16/08

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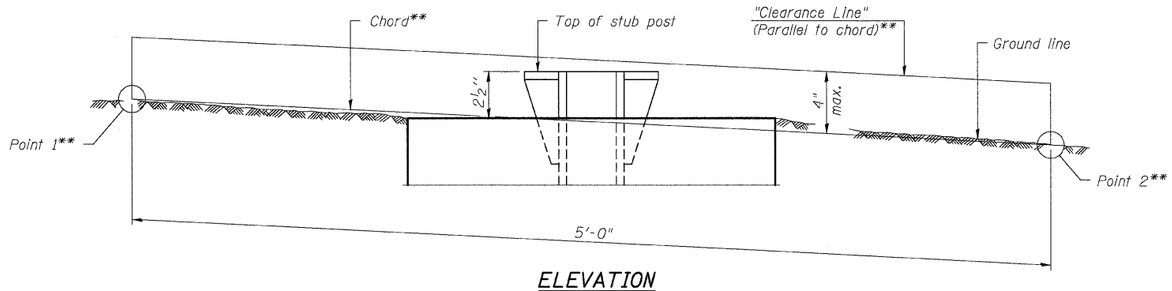
POST	CONCRETE FOUNDATION TABLE								POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA			
	Foundation			Reinforcement				Stub Post														
	Diameter	* Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length	lbs. (2)	Length	Bolt Size	A	B	C	D	E	t_1	t_2	R	W	J	K	L	t_3
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-3"	⅝" x 3¼"	6"	2¼"	1¼"	3½"	1¼"	¾"	½"	11/32"	¼"	4"	2¼"	⅞"	¼"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	⅝" x 3¼"	6"	2¼"	1¼"	3½"	1¼"	¾"	½"	11/32"	¼"	6"	3½"	1¼"	⅜"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8½"	79'-0"	78	2'-6"	¾" x 3¾"	6"	2½"	1⅜"	3¼"	1⅜"	1"	½"	13/32"	5/16"	5¼"	2¾"	1¼"	⅜"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2½"	105'-0"	92	3'-0"	¾" x 3¾"	6"	2½"	1⅜"	3¼"	1⅜"	1"	½"	13/32"	5/16"	5¾"	2¾"	1½"	½"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2½"	112'-0"	98	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	15/32"	⅜"	5¾"	2¾"	1½"	⅝"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2½"	119'-0"	107	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	15/32"	⅜"	6½"	3½"	1½"	⅝"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8½"	145'-0"	113	3'-0"	⅞" x 4"	7"	2¾"	1½"	4"	1½"	1"	¾"	15/32"	⅜"	6¾"	3½"	1⅝"	½"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8½"	153'-0"	122	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	17/32"	⅜"	6¾"	3½"	1⅝"	½"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8½"	162'-0"	130	3'-6"	1" x 4½"	7½"	3"	1¾"	4"	1¾"	1¼"	¾"	17/32"	⅜"	7"	3½"	1¾"	½"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE												
	Sign Depth												
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"
W6x9	½" x 1½"	½" x 1½"	½" x 1½"	⅝" x 1¾"	⅝" x 1¾"	⅝" x 1¾"	—	—	—	—	—	—	—
W6x15	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	¾" x 2"	⅞" x 2"	⅞" x 2"	—	—	—
W8x18	½" x 1¾"	½" x 1¾"	½" x 1¾"	⅝" x 2"	⅝" x 2"	¾" x 2"	¾" x 2"	⅞" x 2¼"	⅞" x 2¼"	⅞" x 2¼"	⅞" x 2¼"	⅞" x 2¼"	⅞" x 2¼"
W10x22	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	⅞" x 2¼"	⅞" x 2¼"	⅞" x 2½"	1" x 2½"	1" x 2¾"	1" x 2¾"
W10x26	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2½"	¾" x 2½"	⅞" x 2½"	⅞" x 2½"	1" x 2¾"	1" x 2¾"	1" x 2¾"	1⅛" x 3"
W12x26	—	—	—	—	—	⅝" x 2¼"	—	—	⅞" x 2½"	⅞" x 2½"	1" x 2½"	1" x 2¾"	1" x 2¾"
W14x30	½" x 2"	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2"	¾" x 2¼"	¾" x 2¼"	¾" x 2¼"	⅞" x 2½"	1" x 2½"	1" x 2¾"	1" x 2¾"
W14x38	—	½" x 2"	½" x 2"	½" x 2"	½" x 2"	⅝" x 2¼"	¾" x 2¼"	¾" x 2½"	¾" x 2½"	⅞" x 2½"	⅞" x 2½"	1" x 2½"	1" x 2¾"
W16x45	—	—	—	½" x 2"	½" x 2"	⅝" x 2¼"	⅝" x 2¼"	¾" x 2¼"	¾" x 2½"	¾" x 2½"	⅞" x 2½"	⅞" x 2½"	1" x 2¾"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

(1) Quantity includes all concrete necessary for one foundation.

(2) Includes reinforcement bars and spiral hooping for one foundation.

NUMBER	REVISION	DATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS

BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS

SCALE: N.T.S. DRAWN BY AG
DATE 02/06/09 CHECKED BY

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

BAW-A-2 5/16/08

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CONTRACT NO. 60B03

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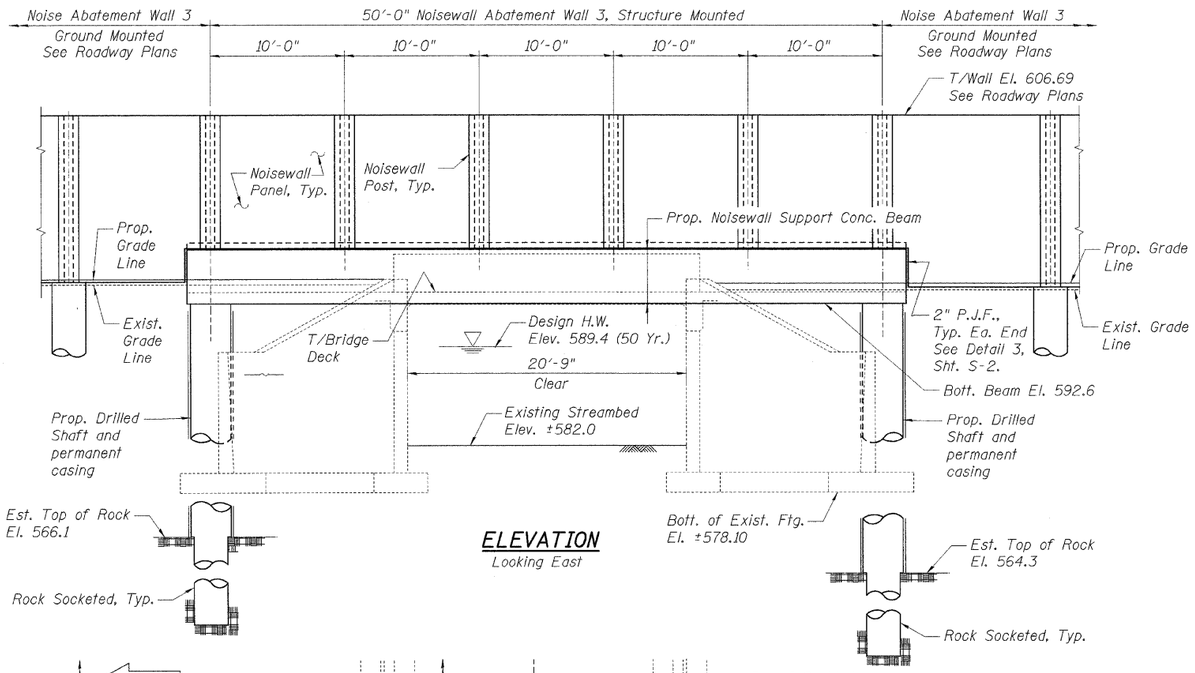
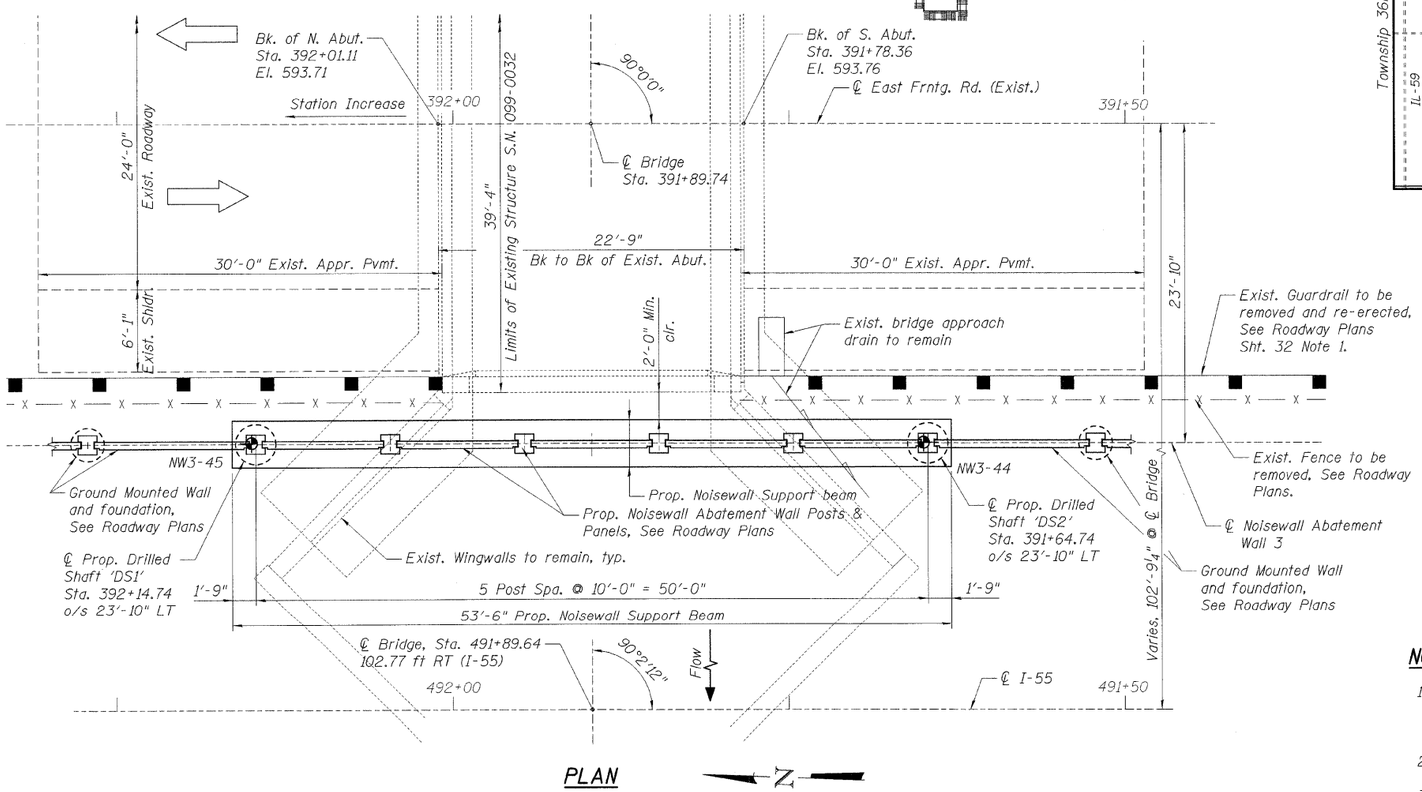
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ELEVATION
Looking East



PLAN

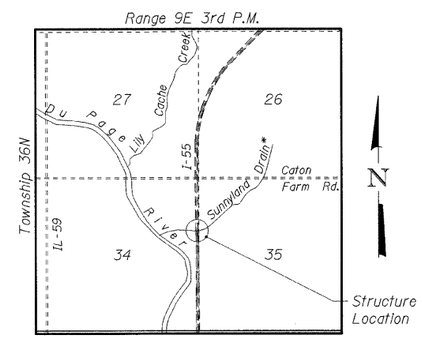
WATERWAY INFORMATION
(information taken from 2004 Exist. Plans for S.N. 099-0032)

Drainage Area = 5.3 mi² Exist. Low Grade Elev.: 594.0 ft. @ Sta. 392+00

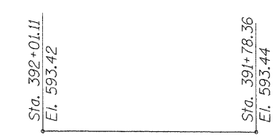
Flood	Frequency (Yr)	Q ft³/s	Opening (ft²) Exist.	Opening (ft²) Prop.	Natural H.W.E. (ft)	Created Head (ft) Exist.	Created Head (ft) Prop.	Headwater Elev. Exist.	Headwater Elev. Prop.
	10	410	152	152	589.3	0.2	0.2	589.5	589.5
Design	50	700	155	155	589.4	0.5	0.5	589.9	589.9
Base	100	850	157	157	589.5	0.8	0.8	590.3	590.3
Overtopping	-	-	-	-	-	-	-	-	-
Max Calc.	500	1440	163	163	589.8	1.9	1.9	591.7	591.7

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Drilled Shaft 'DS1'	Drilled Shaft 'DS2'
	578.10	578.10



LOCATION MAP
* "Public Waters"



GRADE (EXIST.)
Along front face of bridge west parapet
(Elevations based off of survey data)

LEGEND

- NW3-44 — Soil Boring Location
- — x — x — Exist. Fence
- Exist. Guardrail

NOTES:

1. Stations and offsets are measured from the ℄ East Frontage Road (Exist.) to the ℄ Noise Abatement Wall 3.
2. F.F. denotes front face.
3. See Sht. S-2 for Index of Sheets.

BENCHMARK:
BM 3166 Square and "X" cut in SE corner of west parapet wall of east frontage road bridge over Sunnyland Drain creek and is about 10 inches above pavement. El. 594.42

ADJACENT STRUCTURE INFORMATION:
S.N. 099-0032 One span, 22'-9" back to back of abutments, reinforced slab on abutments walls. 36'-2" between barriers. The substructure was originally constructed in 1959. The superstructure was replaced in 2005.

SALVAGE:
None.

DESIGN SPECIFICATIONS:
AASHTO Standard Specifications for Highway Bridges, 17th Edition, 2002.
AASHTO Guide Specification for Structural Design of Sound Barrier

DESIGN LOADING:
Wind Load On Noise Abatement Wall: 35 psf
Noisewall Weight ≤ 55 psf of wall face area

DESIGN STRESSES:
Concrete, f'c = 3,500 psi (Concrete Beam)
Concrete, f'c = 4,000 psi (Drilled Shafts)
Reinforcement, fy = 60,000 psi

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS 081-004732 CHICAGO IL LICENSED STRUCTURAL ENGINEER
2/19/09
EXPIRES 11/30/10

SHT. S-1 OF S-6

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS
NOISE WALL OVER SUNNYLAND DRAIN AT EAST FRONTAGE ROAD
S.N. 099-0032, STA. 391+89.74, SECTION 99 (1&2) I-11
WILL COUNTY

GENERAL PLAN & ELEVATION

SCALE: DRAWN BY BGK
DATE 02/06/09 CHECKED BY MJK

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ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

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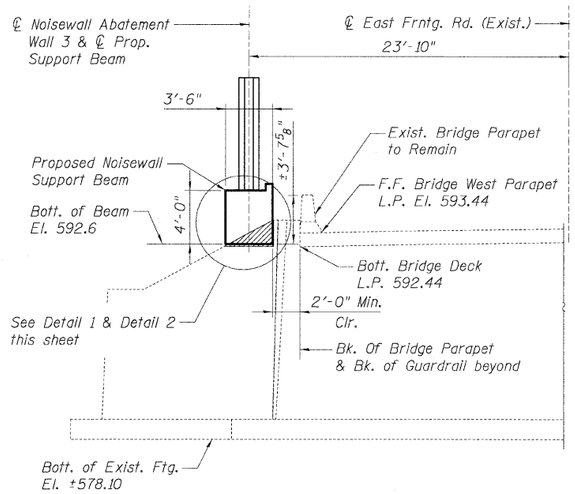
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

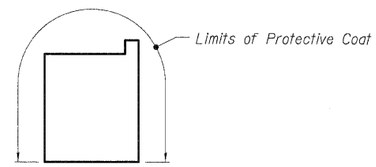


TYPICAL SECTION AT WINGWALL

Looking North @ North Abutment
(South Abutment Similar)

TOTAL BILL OF MATERIAL

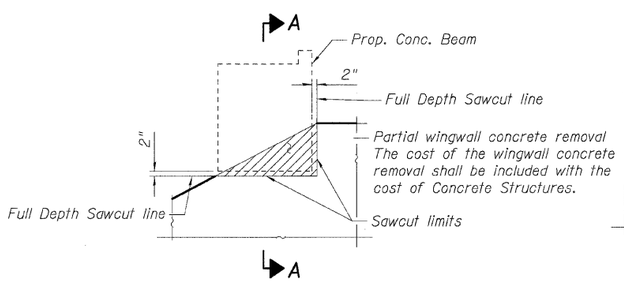
Item	Unit	Superstructure	Substructure	Total
Concrete Structures	Cu. Yd.	0	28.2	28.2
Protective Coat	Sq. Yd.	0	77.5	77.5
Reinforcement Bars	Pound	0	3,720	3,720
Reinforcement Bars, Epoxy Coated	Pound	0	5,250	5,250
Drilled Shafts in Soil	Cu. Yd.	0	14.4	14.4
Drilled Shafts in Rock	Cu. Yd.	0	2.9	2.9
Permanent Casing	Foot	0	54.8	54.8



PROTECTIVE COAT PAY LIMITS

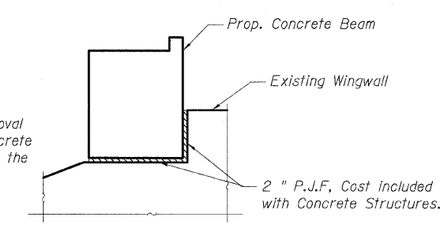
GENERAL NOTES:

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work; however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
4. Concrete Sealer shall be applied to the designated areas of the existing wingwalls.
5. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for the concrete beam shall be removed prior to placement of the noisewall posts.
6. The cost of full depth sawcuts, grinding, epoxy, concrete removal, concrete sealer and 2 inch preformed expansion joint filler at existing wingwalls and vertical face of the noisewall at the ends of the concrete beam shall be included with Concrete Structures.



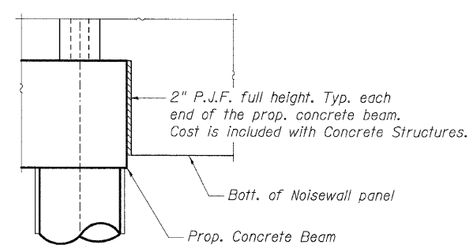
DETAIL 1

Showing Concrete Removal

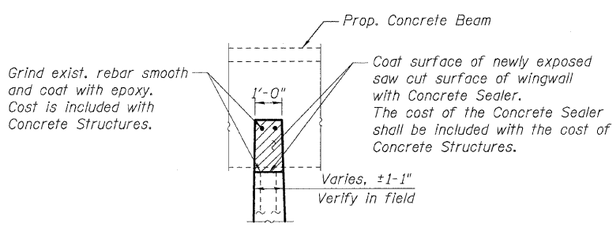


DETAIL 2

Showing Final Condition



DETAIL 3



SECTION A-A

LEGEND:

Concrete Removal

INDEX OF SHEETS

S-1 GENERAL PLAN & ELEVATION
S-2 GENERAL DATA & REMOVAL DETAILS
S-3 BEAM ELEVATION, SECTIONS & DETAILS
S-4 DRILLED SHAFT FOUNDATION DETAILS
S-5 SOIL BORING LOGS I
S-6 SOIL BORING LOGS II

SHT. S-2 OF S-6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS
NOISE WALL OVER SUNNYLAND DRAIN AT EAST FRONTAGE ROAD
S.N. 099-0032, STA. 391+89.74, SECTION 99 (1&2) I-11
WILL COUNTY

GENERAL DATA & REMOVAL DETAILS

SCALE: DRAWN BY CB
DATE 02/06/09 CHECKED BY BGK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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PLOT SCALE = $SCALE$
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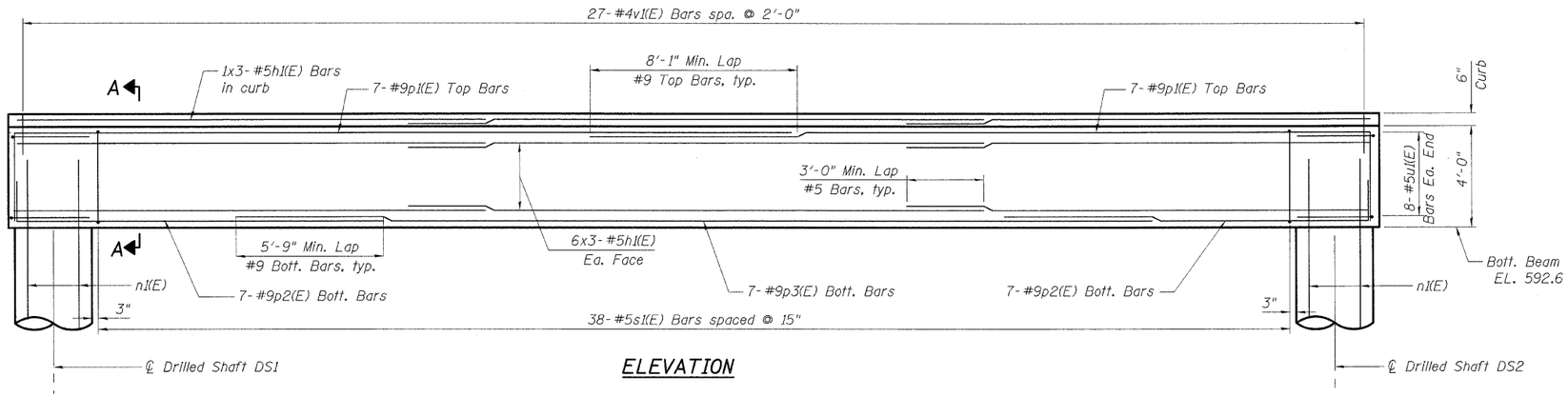
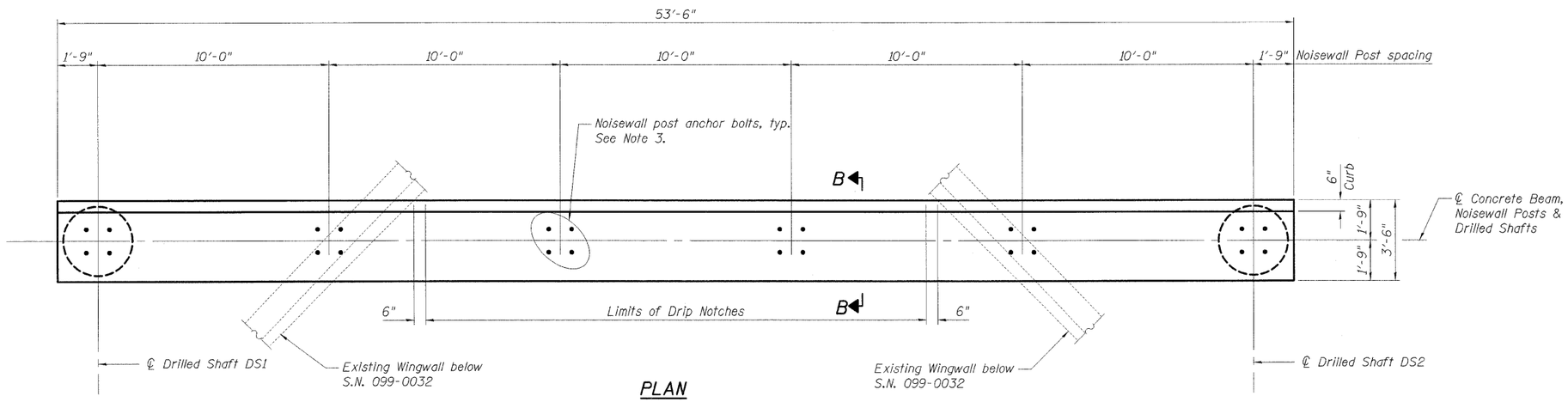
CONTRACT NO. 60B03

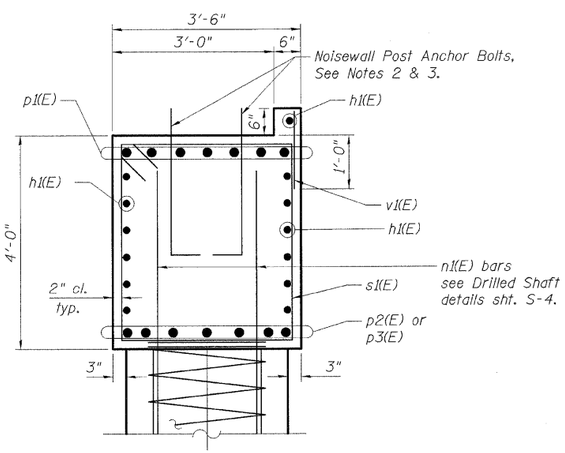
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	97
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



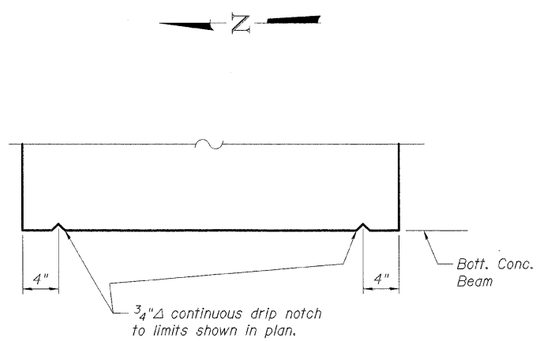
ELEVATION



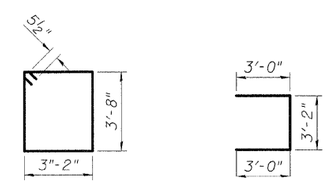
PLAN



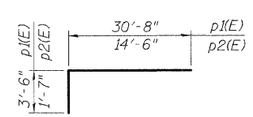
SECTION A-A



SECTION B-B



Bar s1(E) Bar u1(E)



Bars p1(E) & p2(E)

BAR LIST

Bar	No.	Size	Length	Shape
p1(E)	14	#9	32'-3"	
p2(E)	14	#9	16'-1"	
p3(E)	7	#9	35'-9"	
h1(E)	39	#5	19'-9"	
s1(E)	38	#5	14'-7"	
u1(E)	16	#5	9'-2"	
v1(E)	27	#4	1'-4"	

BILL OF MATERIAL

Item	Unit	Total
Concrete Structures	Cu. Yd.	28.2
Reinforcement Bars, Epoxy Coated	Pound	4,710

NOTES:

1. Bars indicated thus 6x2-#5 etc. indicates 6 bars with 2 lengths per line.
2. Space top bars to miss anchor bolts.
3. Structure mounted posts shall be connected to the support by the use of base plates and anchor bolts in accordance with Special Provision "Noise Abatement Walls".

SHT. S-3 OF S-6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS
NOISE WALL OVER SUNNYLAND DRAIN AT EAST FRONTAGE ROAD
S.N. 099-0032, STA. 391+89.74, SECTION 99 (1&2) I-11
WILL COUNTY

BEAM ELEVATION SECTIONS & DETAILS

SCALE: DRAWN BY CB
DATE 02/06/09 CHECKED BY BGK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

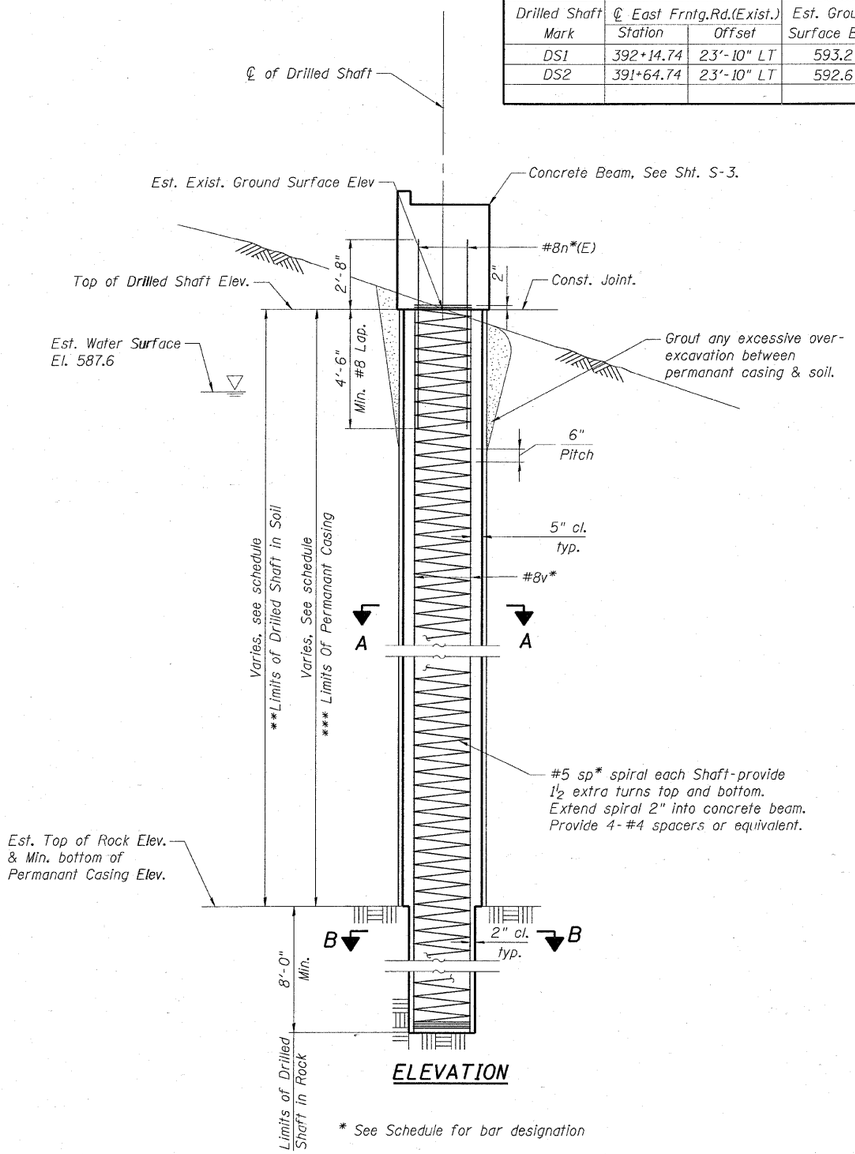
PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

CONTRACT NO. 60B03

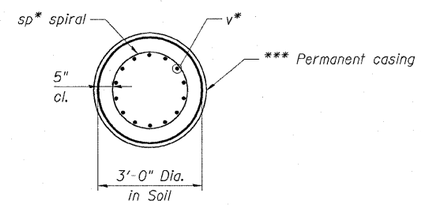
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	98
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DRILLED SHAFT SCHEDULE

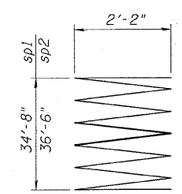
Drilled Shaft Mark	℄ East Frntg.Rd.(Exist.) Station	Offset	Est. Ground Surface Elev.	Est. T/Rock Elev.	T/Drilled Shaft in Soil Elev.	B/Drilled Shaft in Soil Elev.	T/Permanant Casing	B/Permanant Casing	Vertical Bar	Spiral Bar	Dowel Bar	Drilled Shaft Length in Soil (ft.)	Permanant Casing Length (ft.)
DS1	392+14.74	23'-10" LT	593.2	566.1	592.6	566.1	592.6	566.1	14-#8v1	1-#5sp1	14-#8n1(E)	26.5	26.5
DS2	391+64.74	23'-10" LT	592.6	564.3	592.6	564.3	592.6	564.3	14-#8v2	1-#5sp2	14-#8n1(E)	28.3	28.3



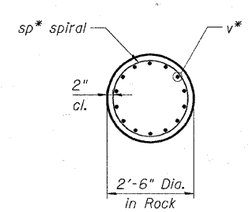
ELEVATION



SECTION A-A



SPIRAL BAR sp1 & sp2



SECTION B-B

BAR LIST

	Bar	No.	Size	Length	Shape
	n1(E)	28	#8	7'-2"	——
++	sp1	1	#5	34'-8"	∧∧∧∧
++	sp2	1	#5	36'-6"	∧∧∧∧
	v1	14	#8	34'-6"	——
	v2	14	#8	36'-4"	——

Minimum lap for spirals = 1½ turns
++ Length is height of spiral

BILL OF MATERIAL

Item	Unit	Total
Reinforcement Bars	Pound	3,720
Reinforcement Bars, Epoxy Coated	Pound	540
Drilled Shaft in Soil	Cu. Yd.	14.4
Drilled Shaft in Rock	Cu. Yd.	2.9
Permanant Casing	Foot	54.8

* See Schedule for bar designation

** The quantities and reinforcement detailing are based on top of shaft and the estimated elevations shown and may change based on the actual elevations encountered at each shaft and the final top of shaft elevation.

*** Contractor is responsible for determining the casing thickness and the actual tip elevation to be used. See Article 516.06(d) of the Standard Specifications. Pay limits for the permanant casing shall be based on the minimum length shown.

SHT. S-4 OF S-6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS
NOISE WALL OVER SUNNYLAND DRAIN AT EAST FRONTAGE ROAD
S.N. 099-0032, STA. 391+89.74, SECTION 99 (1&2) I-11
WILL COUNTY

DRILLED SHAFT FOUNDATION DETAILS

SCALE:
DRAWN BY CB
DATE 02/06/09
CHECKED BY BGK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	99
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
801 Aurlake Court, Suite 100
Naperville, Illinois 60563
(630) 355-3515

SOIL BORING LOG

PAGE 1 of 2
DATE 10/8/2008
LOGGED BY DR
GSI JOB No. 08092

ROUTE F.A.I. RTE. 55
DESCRIPTION F.A.I. Route 55 Noise Abatement Walls (US Rte. 52 to US Rte. 30)
SECTION 99 (1&2) WRS
LOCATION Wall #3 (East Frontage Road Between Black Road & Caton Farm Road)
COUNTY Will
DRILLING METHOD Hollow Stem Auger/Rotary
HAMMER TYPE CME Automatic

JOB No. D-91-318-01
CONTRACT No. 60B03
BORING No. NW3-44
Station: 491+45
Offset: 85' Right
Ground Surface Elev. 593.3 ft

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter n/a
Upon Completion n/a
After ___ Hrs.

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
11.5" ASPHALT, 24.5" CRUSHED STONE-loose	590.3		6, 3, 3	NP	1
CLAY to CLAY LOAM-brown & gray-stiff (A-6) Fill	582.8	-5	2, 2, 3	1.2B	20
PEAT-dark brown to black (A-8)	577.8	-10	4, 4, 4	1.75P	21
SAND & GRAVEL-brown-medium dense (A-1-a)		-15	3, 3, 3, 4, 5	-	76
		-20	7, 10, 8, 10, 12, 14	NP	7
SAND & GRAVEL-brown (A-1-a)	572.8		108		
SILT-gray-dense (A-4)	570.3		13, 16, 19	NP	20
Clayey GRAVEL & FRACTURED ROCK-gray-dense (A-2)	567.8	-25	16, 20, 26	-	9
GRAVEL-gray-very dense (A-1-a)	565.3		596", 15	NP	12
SANDY LOAM with Fractured Rock-gray-very dense (A-2)	564.3		591"		
Drillers Observation: Apparent Bedrock	562.8	-30		NP	11
RUN 1 (-30.5' to -40.5') Silurian System Niagaran Series Dolomite. Light gray with horizontal bedding. Fine grained with some pyrite replacement in fractures. Horizontal fractures @ -30.6', -32.0', -33.4', -35.0', -35.6', -36.0', -36.9', -37.3', -38.0' & -39.1'. Vertical fracture with numerous intersecting horizontal fractures from -39.1' to -40.5'. Recovery = 100.0% R.Q.D. = 84.0%		-35			RUN 1
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

SOIL BORING LOG

PAGE 2 of 2
DATE 10/8/2008
LOGGED BY DR
GSI JOB No. 08092

ROUTE F.A.I. RTE. 55
DESCRIPTION F.A.I. Route 55 Noise Abatement Walls (US Rte. 52 to US Rte. 30)
SECTION 99 (1&2) WRS
LOCATION Wall #3 (East Frontage Road Between Black Road & Caton Farm Road)
COUNTY Will
DRILLING METHOD Hollow Flight Auger/Rotary
HAMMER TYPE CME Automatic

JOB No. D-91-318-01
CONTRACT No. 60B03
BORING No. NW3-44
Station: 491+45
Offset: 85' Right
Ground Surface Elev. 593.3 ft

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter n/a
Upon Completion n/a
After ___ Hrs.

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
RUN 1 Continued	552.8		RUN 1		
End Of Boring @ -40.5'. Hollow Stem Augers To -10.0'. Rotary Drilling To Completion. CME Automatic Hammer. 10.0' of 4.0"" Casing Used		-45			
		-50			
		-55			
		-60			
		-65			
		-70			
		-75			
		-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

ROCK CORE LOG

PAGE 1 of 1
DATE XX
LOGGED BY DR
GSI JOB No. 08092

ROUTE F.A.I. RTE. 55
DESCRIPTION F.A.I. Route 55 Noise Abatement Walls (US Rte. 52 to US Rte. 30)
SECTION 99 (1&2) WRS
LOCATION Wall #3 (East Frontage Road Between Black Road & Caton Farm Road)
COUNTY Will
CORING METHOD Rotary Wash

JOB No. D-91-318-01
CONTRACT No. 60B03
BORING No. NW3-44
Station: 491+45
Offset: 85' Right
Ground Surface Elev. 593.3 ft

CORING BARREL TYPE & SIZE NX Double Swivel-10 ft.
Core Diameter 2.0 in
Top of Rock Elev. 564.3 ft
Begin Core Elev. 562.8 ft

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
RUN 1 (-30.5' to -40.5') Silurian System Niagaran Series Dolomite. Light gray with horizontal bedding. Fine grained with some pyrite replacement in fractures. Horizontal fractures @ -30.6', -32.0', -33.4', -35.0', -35.6', -36.0', -36.9', -37.3', -38.0' & -39.1'. Vertical fracture with numerous intersecting horizontal fractures from -39.1' to -40.5'.	562.8		1	100.0	84.0	n/a	2254@ -30.6'
		-35.5					
		-40.5					

Color pictures of the cores XX Cores will be stored for examination for XX
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

SHT. S-5 OF S-6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS
NOISE WALL OVER SUNNYLAND DRAIN AT EAST FRONTAGE ROAD
S.N. 099-0032, STA. 391+89.74, SECTION 99 (1&2) I-11
WILL COUNTY

SOIL BORING LOGS I

SCALE: DRAWN BY CB
DATE 02/06/09 CHECKED BY BGK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

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PLOT SCALE = $SCALE$
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CONTRACT NO. 60B03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) I-11	WILL	176	100
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Aurelius Road, Suite 100
Naperville, Illinois 60540
(630) 355-2448

SOIL BORING LOG

PAGE 1 of 1
DATE 10/2/2008
LOGGED BY DR
GSI JOB No. 08092

ROUTE F.A.I. RTE. 55
DESCRIPTION F.A.I. Route 55 Noise Abatement Walls (US Rte. 52 to US Rte. 30)
SECTION 99 (1&2) WRS
LOCATION Wall #3 (East Frontage Road Between Black Road & Caton Farm Road)
COUNTY Will
DRILLING METHOD Straight Flight Auger/Rotary
HAMMER TYPE CME Automatic

JOB No. D-91-318-01
CONTRACT No. 60B03
BORING No. NW3-45
Station: 492+35
Offset: 85' Right
Ground Surface Elev. 593.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 6.0'
Upon Completion n/a
After ___ Hrs. ___

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
11.5" ASPHALT, 1.5" SAND & GRAVEL	592.5				
CLAY-brown & gray- very stiff (A-6)			4 4 3	3.5P	18
			2 3 3		105
	587.6	-5		2.8B	20
SAND & GRAVEL-brown- medium dense (A-1)	585.6		4 6 9	NP	12
CLAY-dark brown to black- stiff (A-8)	583.1	-10	3 3 3	1.75P	22
PEAT-dark brown to black (A-8)	578.1	-15	3 2 2 3 1 1	0.75P -	68 47
Clayey SAND & GRAVEL-gray- medium dense (A-2)	575.6		2 7 7	-	20
SAND & GRAVEL-gray- loose to dense (A-1)		-20	6 4 5	NP	11
SAND & GRAVEL-gray- loose to dense (A-1)	570.6		13 15 19	NP	8
SILT-gray-medium dense (A-4)	568.1	-25	5 3 7	NP	22
FRACTURED ROCK-gray- very dense (A-1)	566.1		50/2"	NP	8
Drillers Observation: Apparent Bedrock	565.1				
RUN 1 (-28.5' to -37.5') Silurian System Niagaran Series Dolomite		-30			
Light gray with horizontal bedding. Fine grained with pyrite replacement in fractures. Highly fractured with intersecting vertical & horizontal fractures from -28.5' to -30.4'. Horizontal fractures @ -30.8' & -31.0'. Vertical fracture from -31.0' to -31.3'. Horizontal fractures @ -31.5', -32.2', -32.5', -32.6', -32.7', -32.8', -33.1', -33.4' & -34.4'. Vertical fracture from -34.4' to -35.2'. Horizontal fractures @ -35.4' & -36.2'.		-35			RUN 1
Recovery = 100.0% R.Q.D. = 53.3% 100.0% Water Loss	556.1				
End Of Boring @ -37.5' Straight Flight Augers To -10.0' Rotary Drilling To Completion CME Automatic Hammer 10.0' of 4.0"* Casing Used		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Aurelius Road, Suite 100
Naperville, Illinois 60540
(630) 355-2448

ROCK CORE LOG

PAGE 1 of 1
DATE 10/2/2008
LOGGED BY DR
GSI JOB No. 08092

ROUTE F.A.I. RTE. 55
DESCRIPTION F.A.I. Route 55 Noise Abatement Walls (US Rte. 52 to US Rte. 30)
SECTION 99 (1&2) WRS
LOCATION Wall #3 (East Frontage Road Between Black Road & Caton Farm Road)
COUNTY Will
CORING METHOD Rotary Wash

JOB No. D-91-318-01
CONTRACT No. 60B03
BORING No. NW3-45
Station: 492+35
Offset: 85' Right
Ground Surface Elev. 593.6

CORING BARREL TYPE & SIZE NX Double Swivel-10 ft
Core Diameter 2.0 in
Top of Rock Elev. 566.1
Begin Core Elev. 565.1

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
RUN 1 (-28.5' to -37.5') Silurian System Niagaran Series Dolomite	565.1		1	100.0	53.3	n/a	1000@ -35.5'
Light gray with horizontal bedding. Fine grained with pyrite replacement in fractures. Highly fractured with intersecting vertical & horizontal fractures from -28.5' to -30.4'. Horizontal fractures @ -30.8' & -31.0'. Vertical fracture from -31.0' to -31.3'. Horizontal fractures @ -31.5', -32.2', -32.5', -32.6', -32.7', -32.8', -33.1', -33.4' & -34.4'. Vertical fracture from -34.4' to -35.2'. Horizontal fractures @ -35.4' & -36.2'.							
Recovery = 100.0% R.Q.D. = 53.3% 100.0% Water Loss	-33.5						
	-38.5						

Color pictures of the cores XX Cores will be stored for examination for XX
The "Strength" column represents the unlaxial compressive strength of the core sample (ASTM D-2938)

SHT. S-6 OF S-6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30)
NOISE ABATEMENT WALLS
NOISE WALL OVER SUNNYLAND DRAIN AT EAST FRONTAGE ROAD
S.N. 099-0032, STA. 391+89.74, SECTION 99 (1&2) I-11
WILL COUNTY

SOIL BORING LOGS II

SCALE:
DRAWN BY CB
DATE 02/06/09
CHECKED BY BGK

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
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PLOT SCALE = $SCALE$
USER NAME = $USER$

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