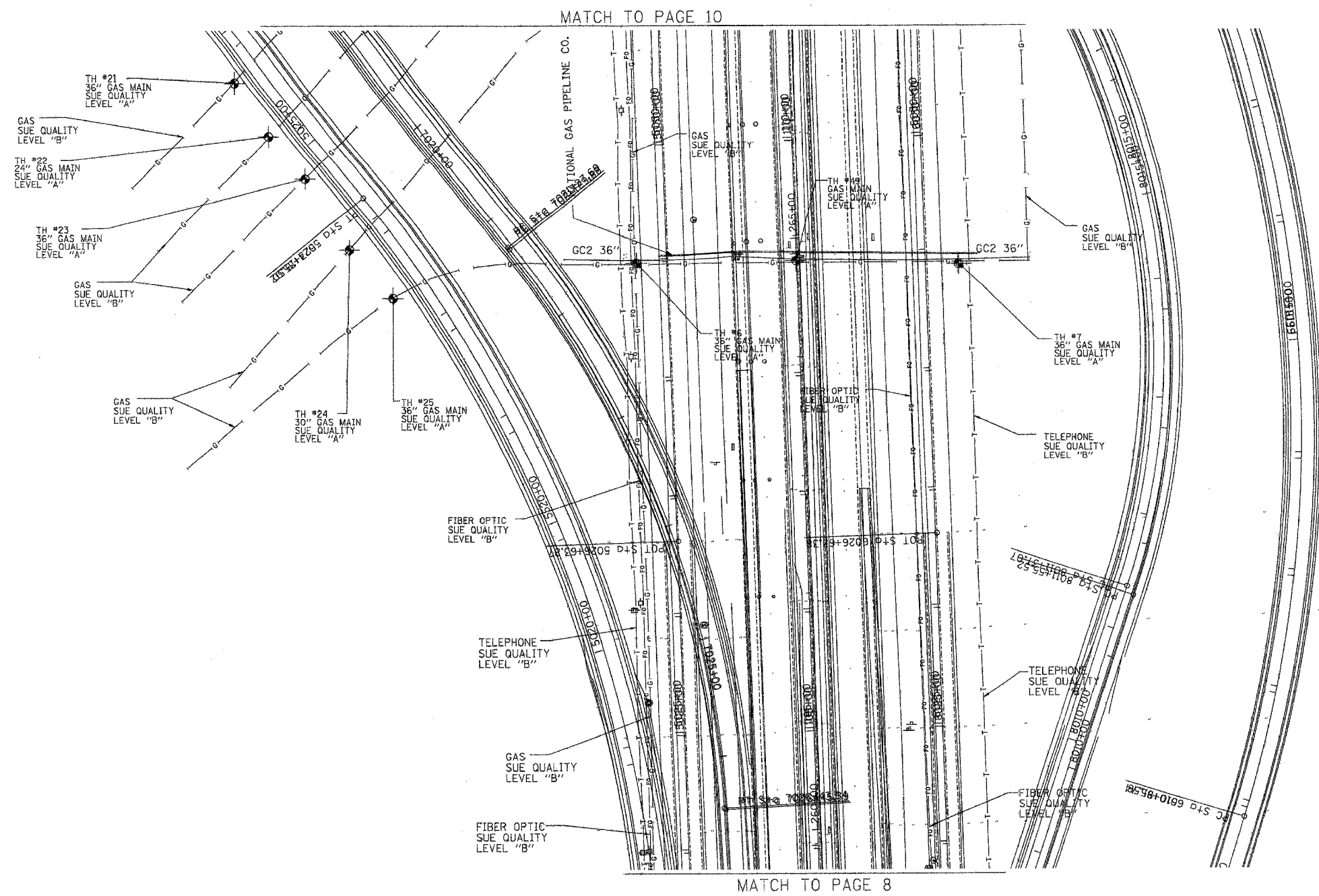


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (1&2) WRS, 99 (1&2) WRS-2 & 2006-031	WILL	334	202
STA. 260+00		TO STA. 267+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH TO PAGE 10

MATCH TO PAGE 8



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING


IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 9 of 29

Checked by: *[Signature]*
 Utility Quality Level "A": Test Holes
 Utility Quality Level "B": Designating

—T—T—	FORCE MAIN
—W—W—	TELEPHONE
—G—G—	WATER
—CTV—CTV—	GAS
—FO—FO—	CABLE TELEVISION
—E—E—	FIBER OPTIC
⊙	ELECTRIC
⊙	TEST HOLE

The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

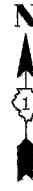
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

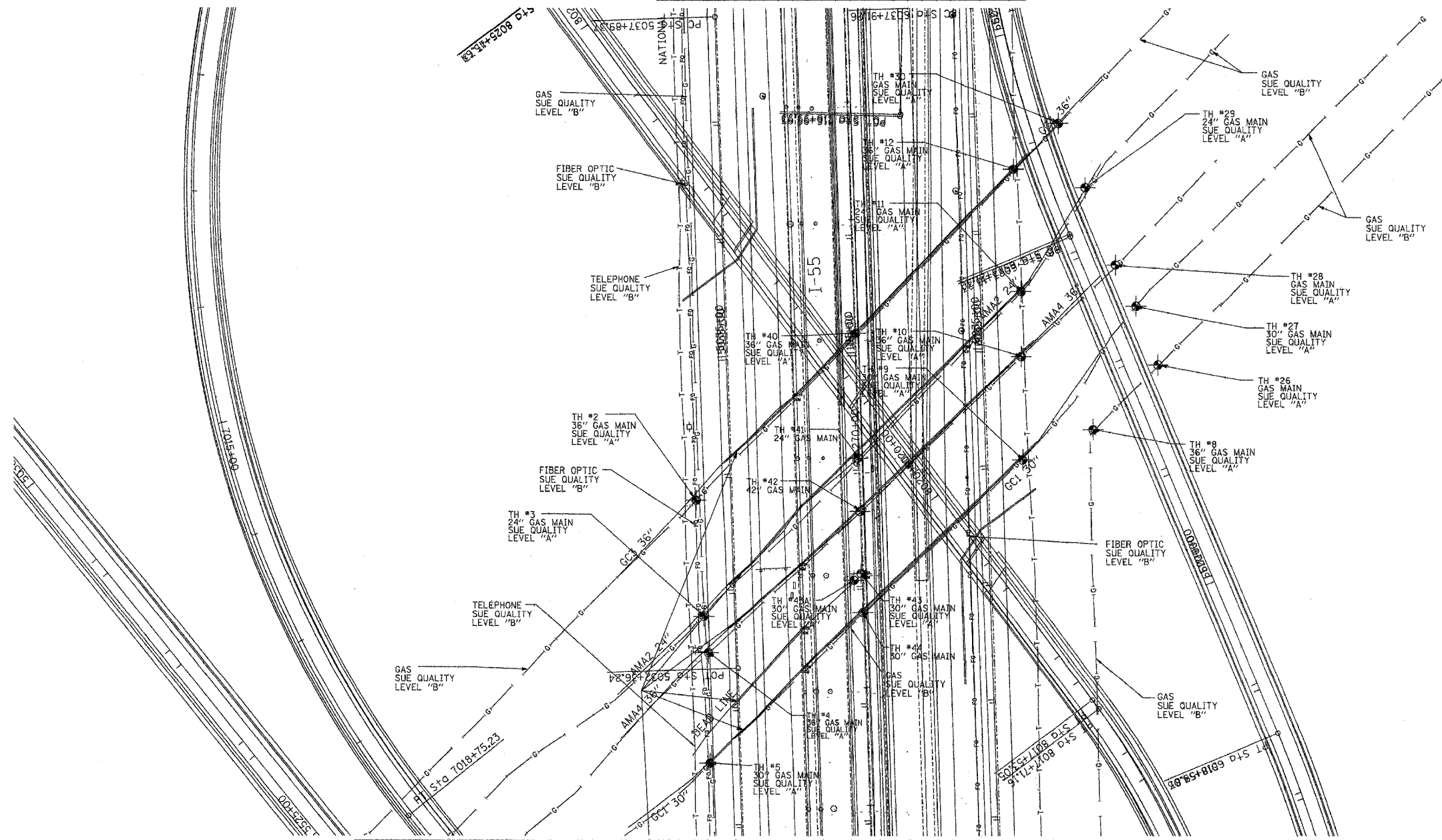
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (1&2) WRS, 99 (1&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60846 and 60885
 SQL "A" DATE : 11/07/06 DRAWN BY : KLC
 SQL "B" DATE : 1/13/03 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	99 (1&2) WRS. 99 (1&2) WRS-2 & 2006-031	Will	334	203
STA. 267+00		TO STA. 274+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH TO PAGE 11



MATCH TO PAGE 9

The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.


Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 10 of 29
 Checked by: *[Signature]*
 Utility Quality Level "A": Test Holes
 Utility Quality Level "B": Designating

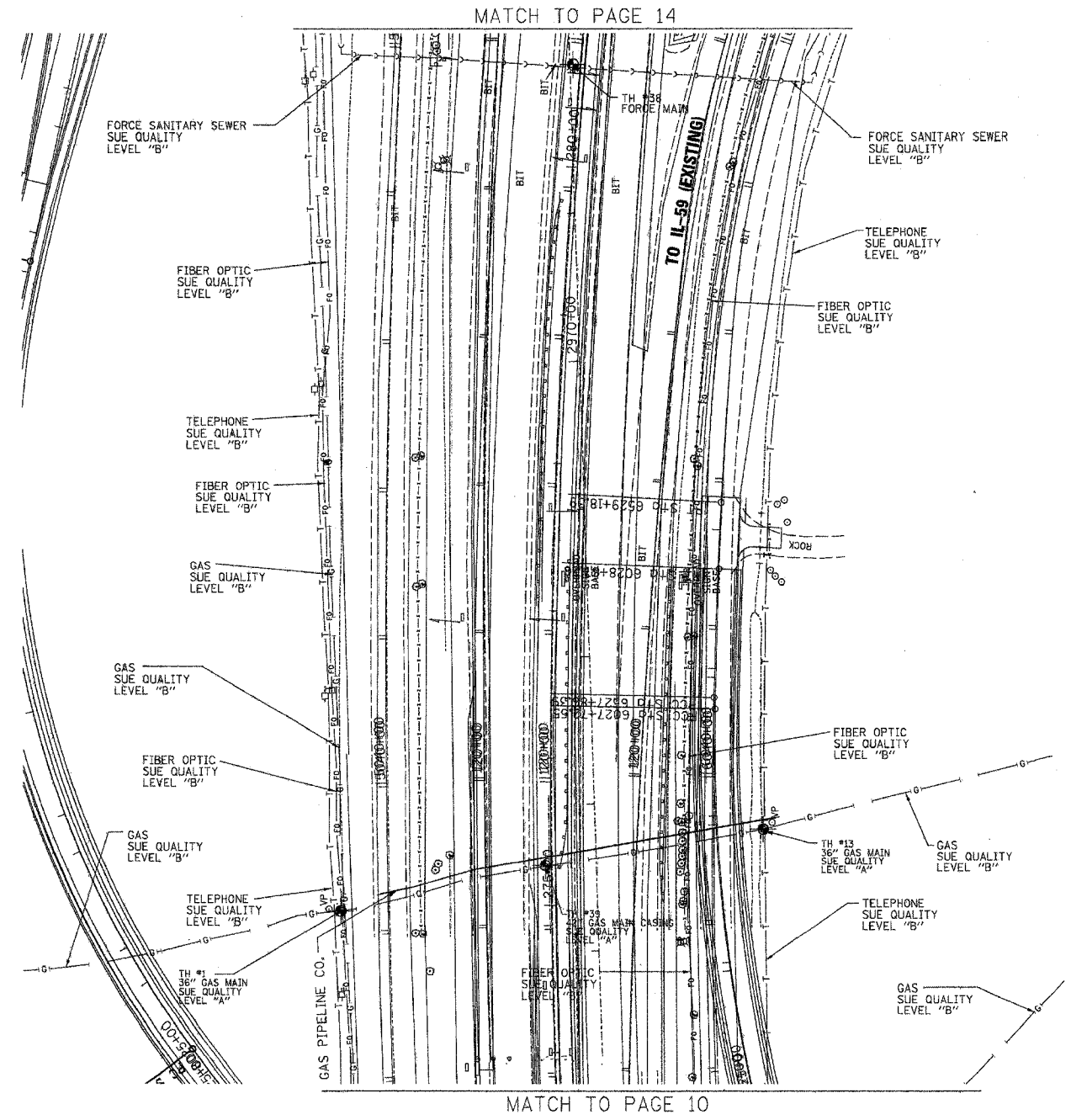
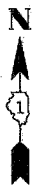
—>—>—>—>—>	FORCE MAIN
—T—T—T—T—T—T—	TELEPHONE
—W—W—W—W—W—W—	WATER
—G—G—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—E—	ELECTRIC
⊙	TEST HOLE


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (1&2) WRS. 99 (1&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60B46 and 60B85
 SOL "A" DATE : 11/07/06 DRAWN BY : KLC
 SOL "B" DATE : 1/13/03 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99 (I&2) WRS, 99 (I&2) WRS-2, 2006-031	W111	W111	334	204
STA. 274+00		TO STA. 251+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.


Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 11 of 29
 Checked by: *[Signature]*
 Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

—●—●—●—●—●—●—●—	FORCE MAIN
—T—T—T—T—T—T—T—	TELEPHONE
—W—W—W—W—W—W—W—	WATER
—G—G—G—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—E—E—	ELECTRIC
—●—	TEST HOLE


 205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

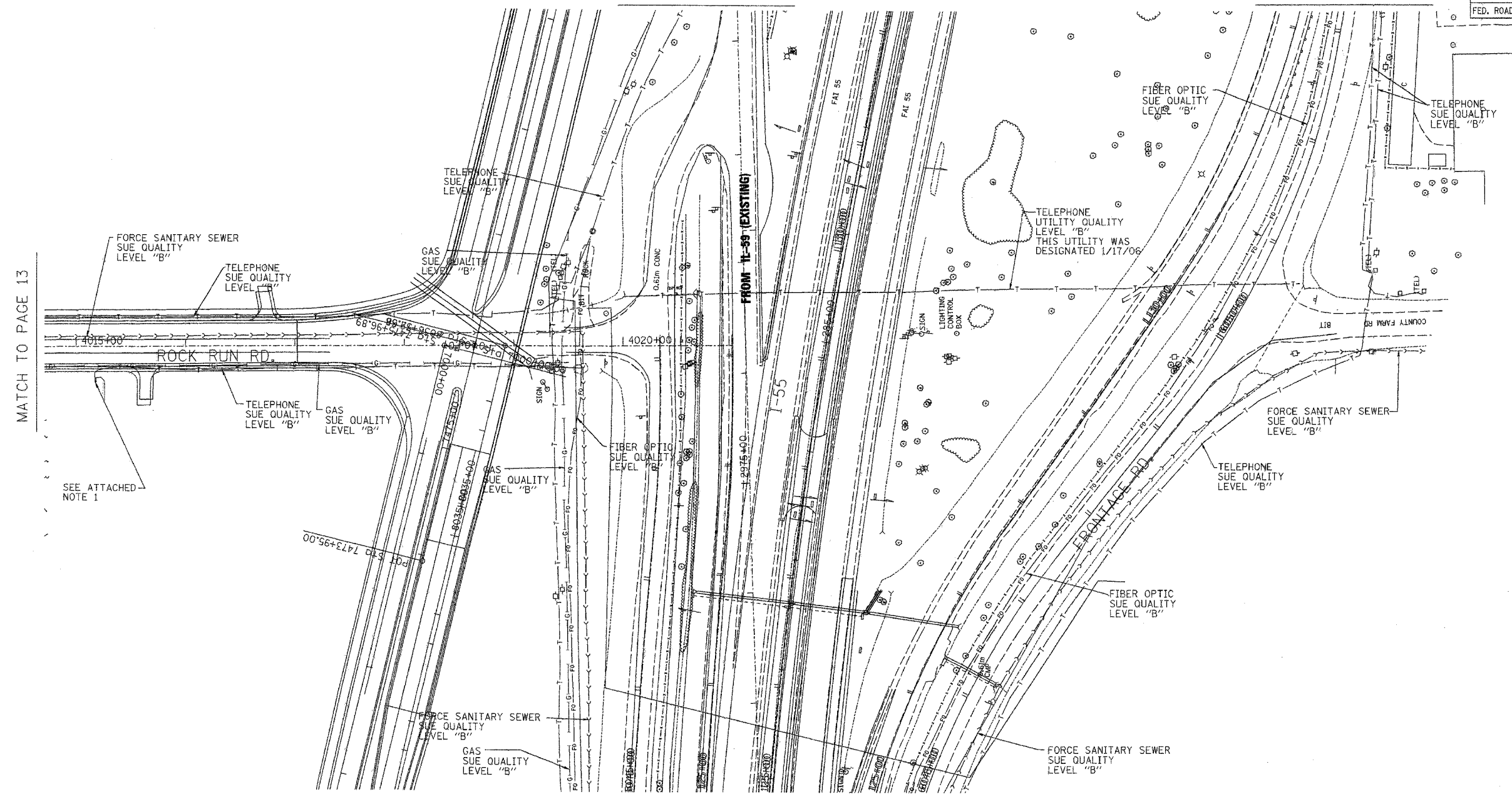
ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (I&2) WRS, 99 (I&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60846 and 60885
 SOL "A" DATE : 11/07/06 DRAWN BY : KLC
 SOL "B" DATE : 1/13/03 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1&2) WRS	WILL	334	205
STA. 281+00		TO STA. 288+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MATCH TO PAGE 15

MATCH TO PAGE 15

MATCH TO PAGE 13



SEE ATTACHED NOTE 1

MATCH TO PAGE 11

MATCH TO PAGE 11



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 14 of 29
 Checked by: *[Signature]*

Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

	FORCE MAIN
	TELEPHONE
	WATER
	GAS
	CABLE TELEVISION
	FIBER OPTIC
	ELECTRIC
	TEST HOLE

The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

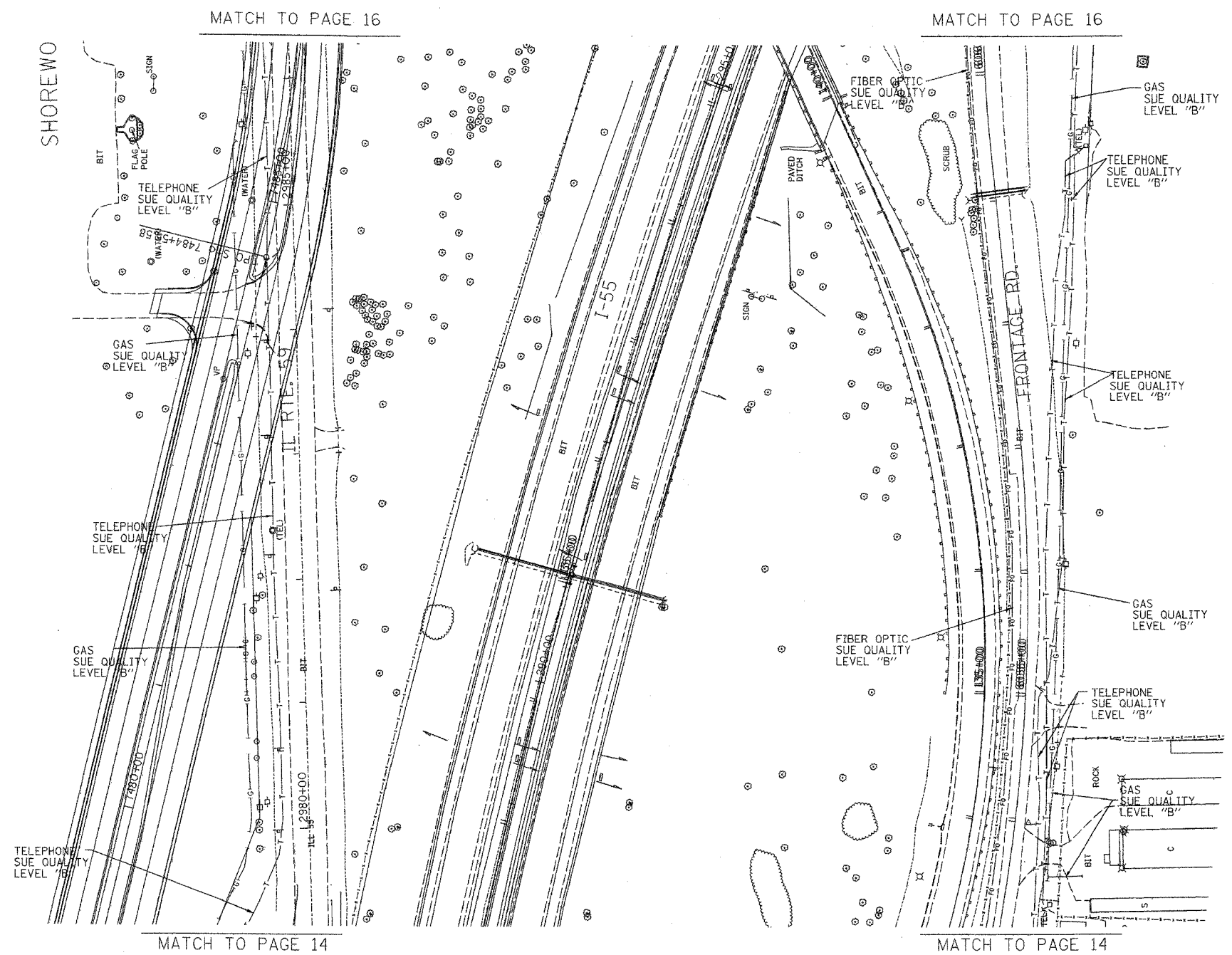
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Section No. 99 (1&2) WRS-1
 Contract No. 62895 and 62896
 Will County
 SQL "A" DATE : 1/04/05
 SQL "B" DATE : 1/13/03
 DRAWN BY : KLC
 SCALE : 1" = 50'

CONTRACT NO. 62895			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
55	99(1&2) WRS	WILL	334
STA. 289+00		TO STA. 295+00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 15 of 29
 Checked by: *Sandra K. De...*

Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

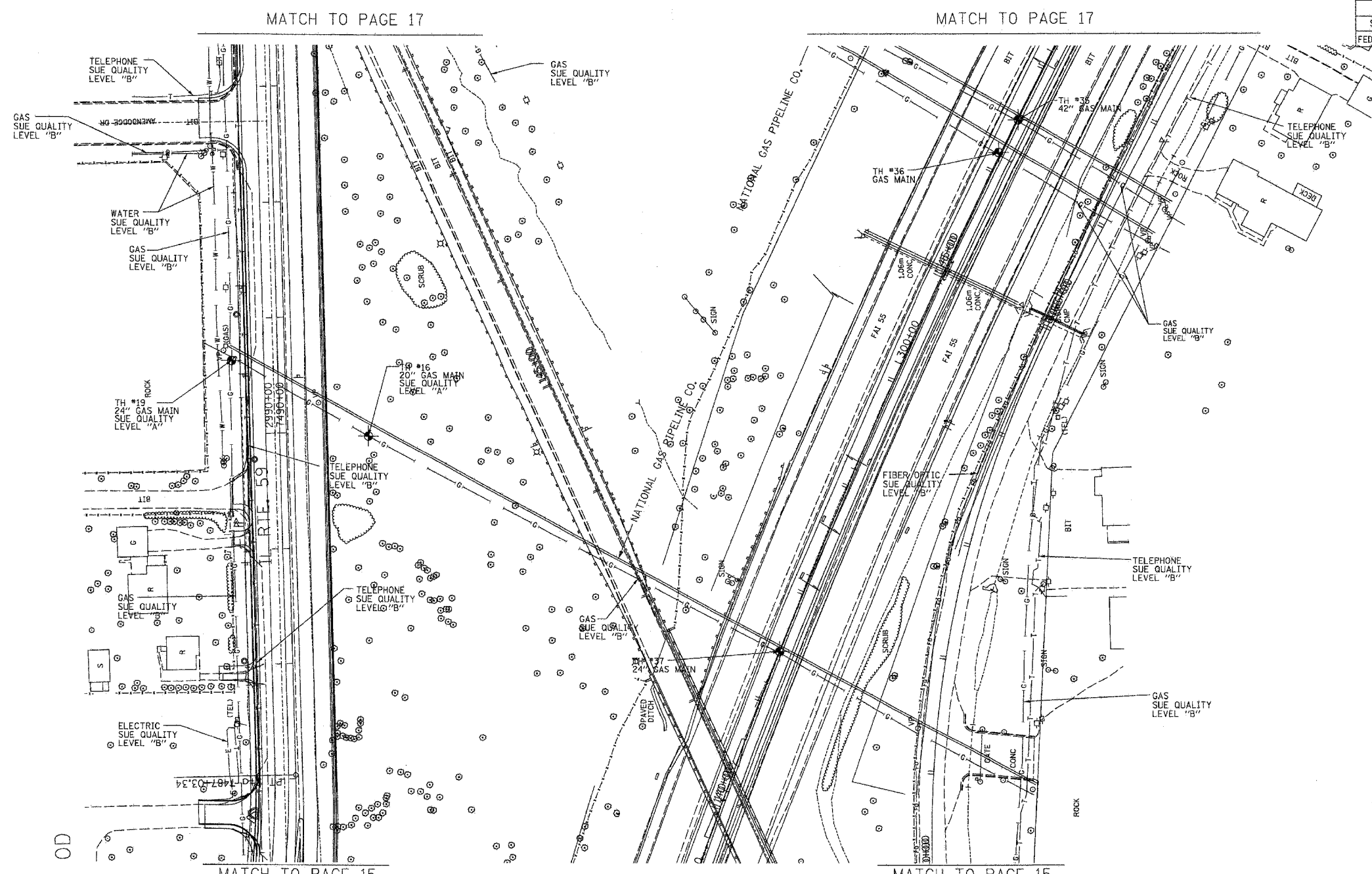
	FORCE MAIN
	TELEPHONE
	WATER
	GAS
	CABLE TELEVISION
	FIBER OPTIC
	ELECTRIC
	TEST HOLE

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Section No. 99 (1&2) WRS-1
 Contract No. 62895 and 62896
 Will County
 SOL "A" DATE : 1/04/05
 SOL "B" DATE : 1/13/03
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
	99 (1&2) WRS, 99 (1&2) WRS-2 & 2006-031	WILL	334 207
STA. 295+00		TO STA. 303+00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 16 of 29
 Checked by: *[Signature]*
 Utility Quality Level "A": Test Holes
 Utility Quality Level "B": Designating

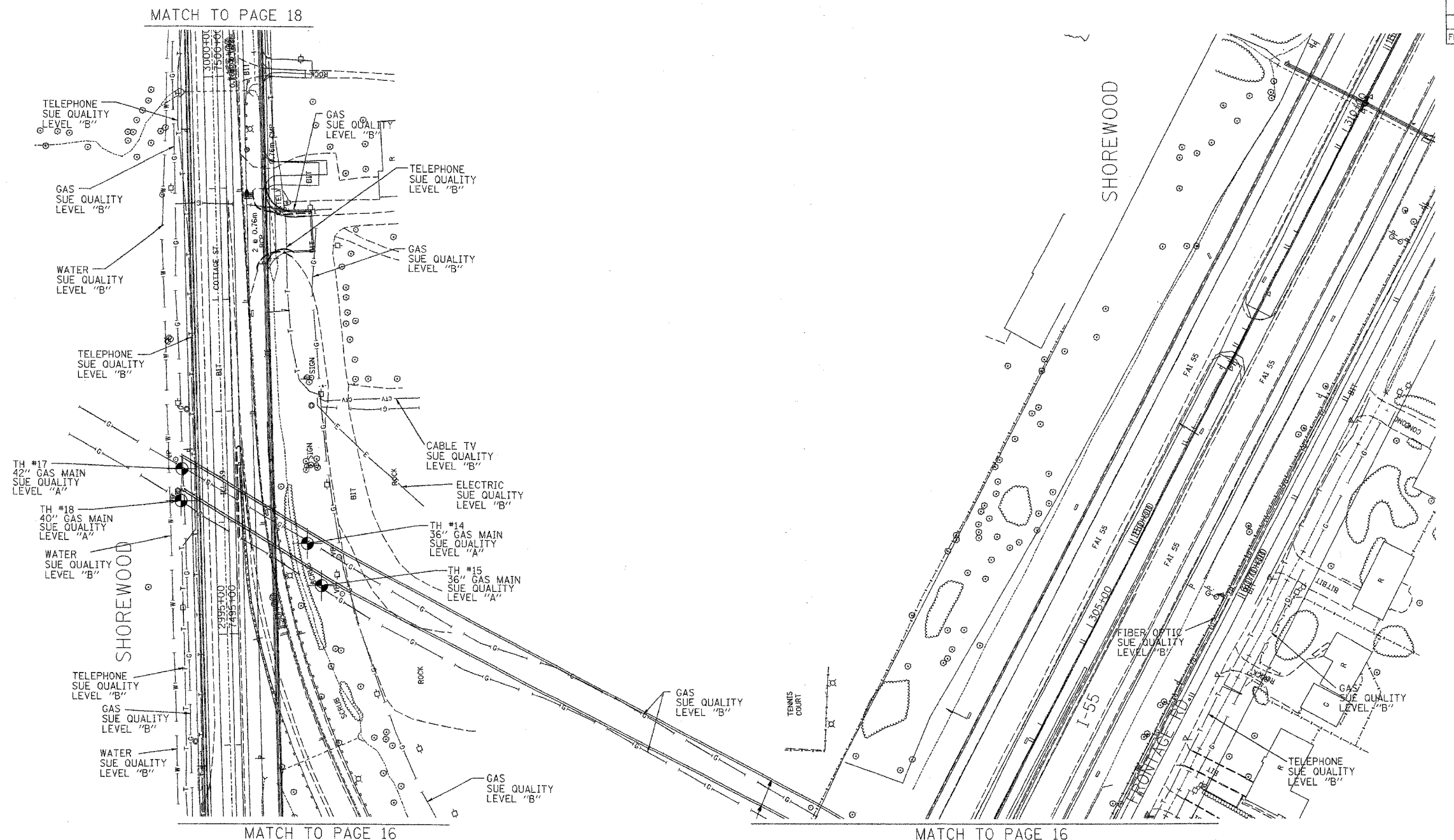
—●—●—●—●—●—	FORCE MAIN
—T—T—T—T—T—	TELEPHONE
—W—W—W—W—W—	WATER
—G—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—	ELECTRIC
⊙	TEST HOLE

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (1&2) WRS, 99 (1&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60846 and 60885
 SQL "A" DATE : 11/07/06 DRAWN BY : KLC
 SQL "B" DATE : 1/13/03 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(112)WRS	WHI	334	208
STA. 304+00		TO STA. 311+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH TO PAGE 18

MATCH TO PAGE 16

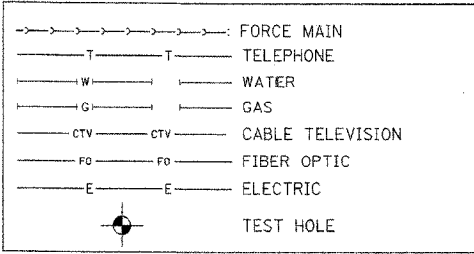
MATCH TO PAGE 16



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 17 of 29
 Checked by: *[Signature]*

Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

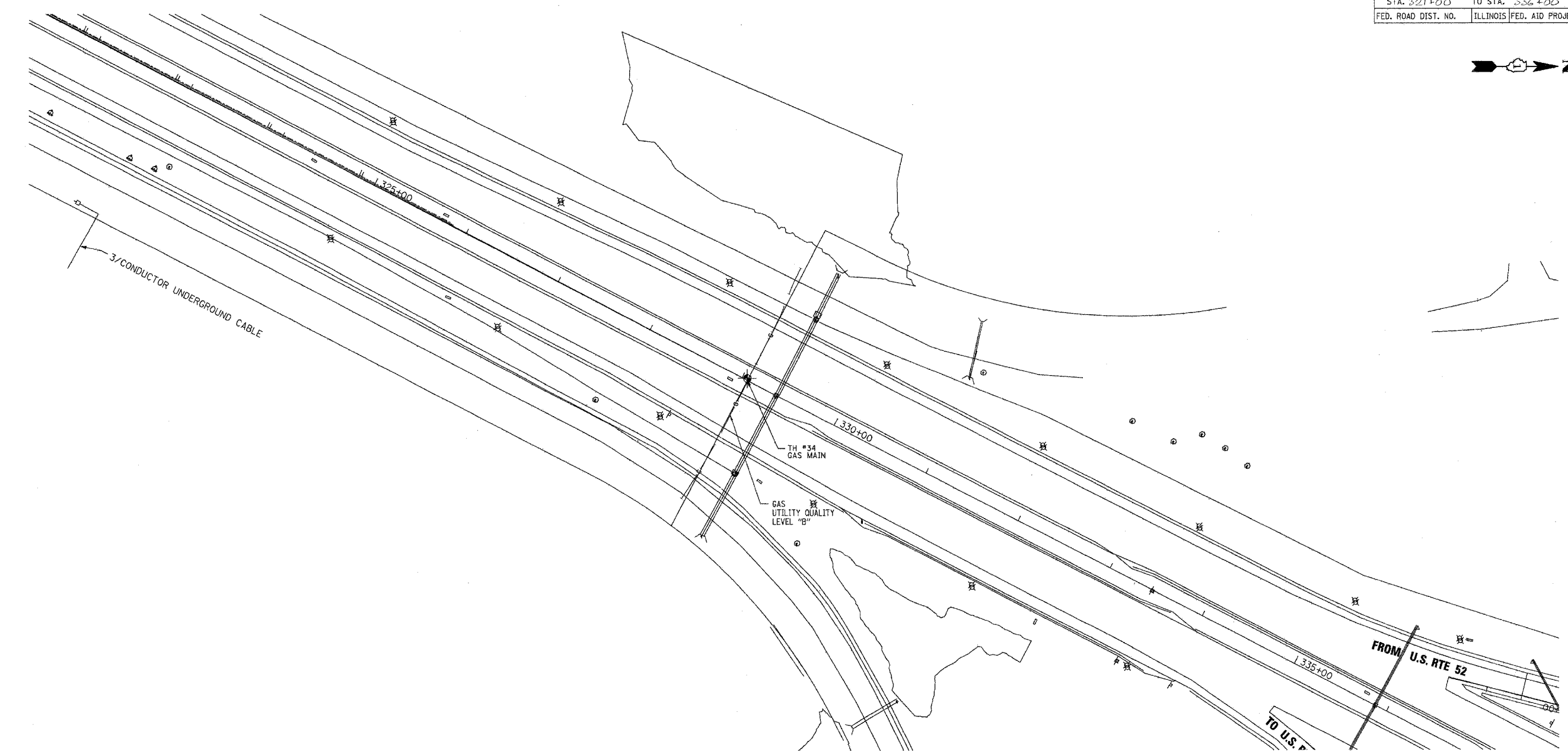
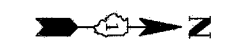
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Section No. 99 (112) WRS-1
 Contract No. 62895 and 62896
 WHI County
 SQL "A" DATE : 1/04/05
 SQL "B" DATE : 1/13/03
 DRAWN BY : KLC
 SCALE : 1" = 50'

CONTRACT NO. 62895				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
99 (I&2) WRS-2 & 2006-031	W11	W11	334	209
STA. 321+00		TO STA. 336+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



TBE GROUP, INC.
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 20 of 29
 Checked by: *[Signature]*
 Utility Quality Level "A": Test Holes
 Utility Quality Level "B": Designating

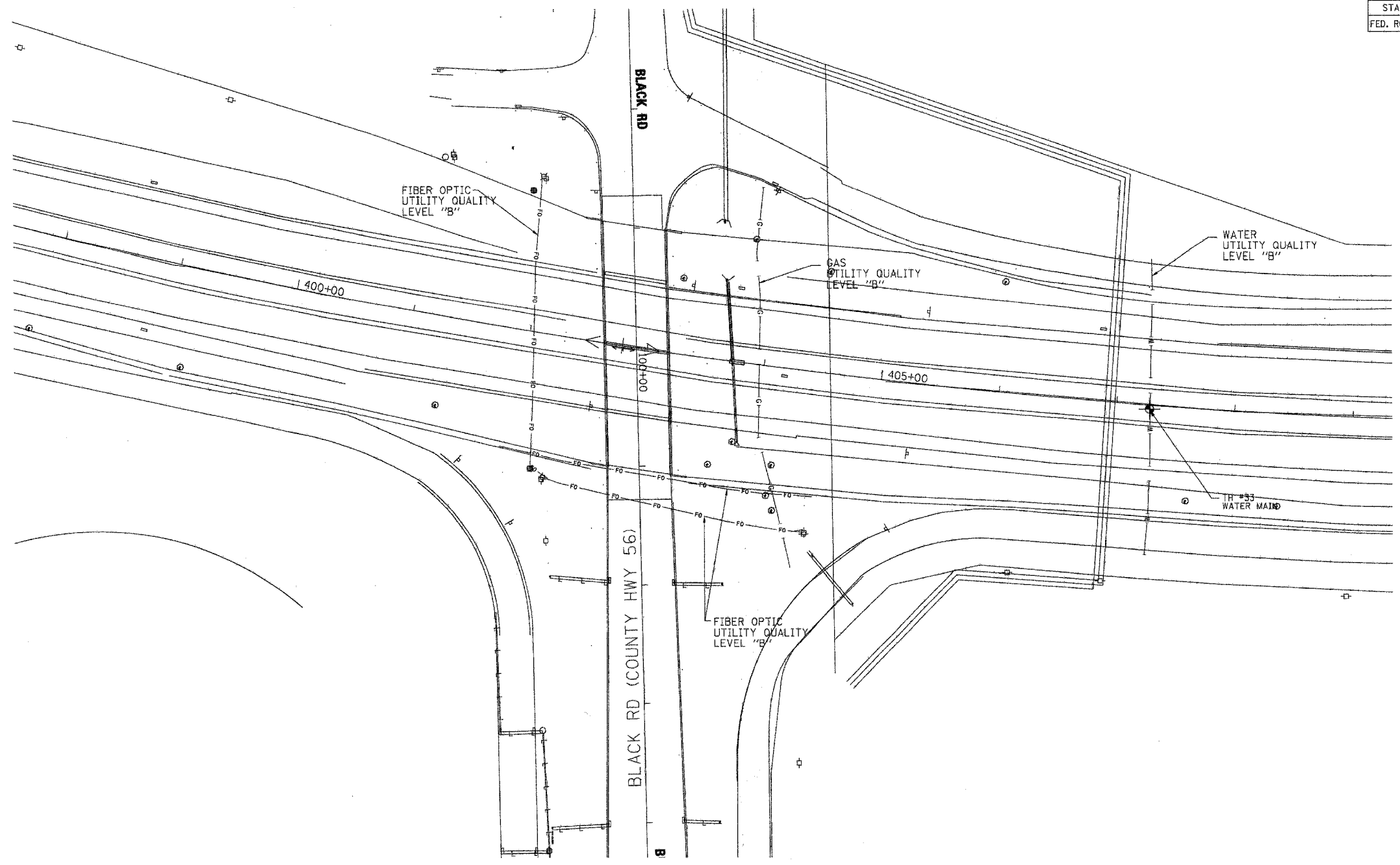
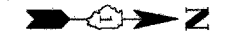
—●—●—●—●—●—●—	FORCE MAIN
—T—T—T—T—T—T—	TELEPHONE
—W—W—W—W—W—W—	WATER
—G—G—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—E—	ELECTRIC
●	TEST HOLE

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US Rt. 30 to Weber Road
 Will County
 Section No. 99 (I&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60846 and 60885
 SQL "A" DATE: 11/07/06 DRAWN BY: KLC
 SQL "B" DATE: 1/17/06 SCALE: 1" = 50'

CONTRACT NO. 62895			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
99 (1&2) WRS-2 & 2006-031	WHI	WHI	334
STA. 390+00		TO STA. 409+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



The SBC locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, SBC will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the SBC locations depicted in accordance with the CI/ASCE Standard 38-02.

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. Changes to utilities after dates shown may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

TBE GROUP
 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING/LOCATING

IL09500132, 142, 158, 229, 245
 TBE SUE PAGE NO: 22 of 29
 Checked by: *[Signature]*
 Utility Quality Level "A" : Test Holes
 Utility Quality Level "B" : Designating

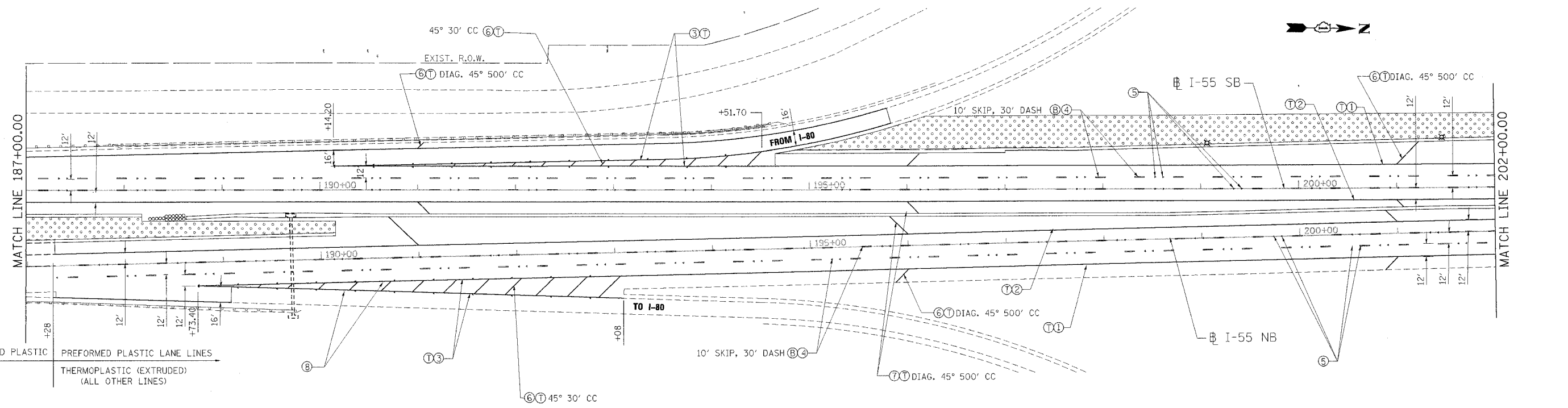
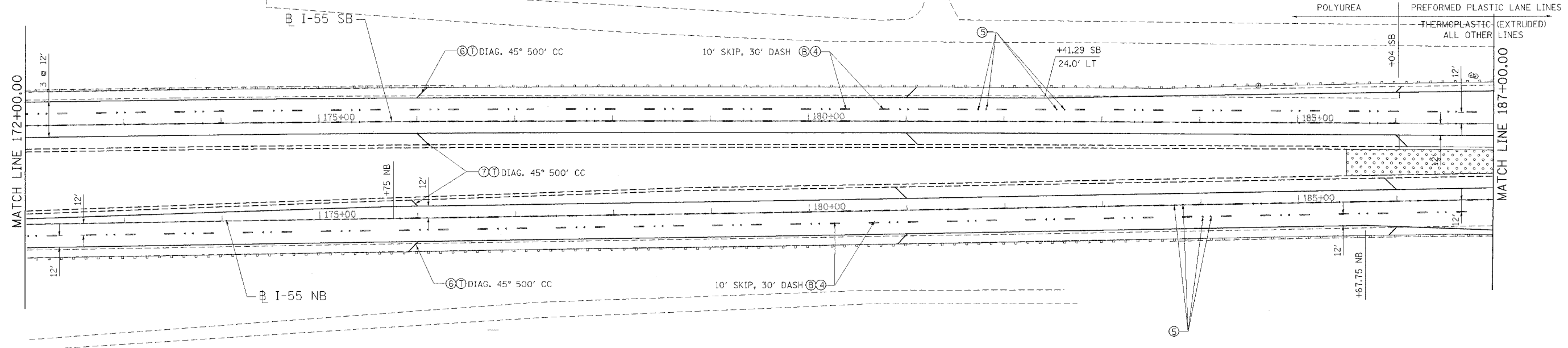
—●—●—●—●—●—	FORCE MAIN
—T—T—T—T—T—	TELEPHONE
—W—W—W—W—W—	WATER
—G—G—G—G—G—	GAS
—CTV—CTV—CTV—CTV—CTV—	CABLE TELEVISION
—FO—FO—FO—FO—FO—	FIBER OPTIC
—E—E—E—E—E—	ELECTRIC
⊙	TEST HOLE

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 I-55/I-80 from US RT. 30 to Weber Road
 Will County
 Section No. 99 (1&2) WRS, 99 (1&2) WRS-2 & 2006-031
 Contract No. 62895, 62896, 60846 and 60885
 SQL "A" DATE : 11/07/06 DRAWN BY : KLC
 SQL "B" DATE : 1/17/06 SCALE : 1" = 50'

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	213
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- | | | |
|-------------------------------------|--|-----------------------------|
| ① PAVEMENT MARKING LINE 4" (WHITE) | ⑥ PAVEMENT MARKING LINE 12" (WHITE) | Ⓣ THERMOPLASTIC (EXTRUDED) |
| ② PAVEMENT MARKING LINE 4" (YELLOW) | ⑦ PAVEMENT MARKING LINE 12" (YELLOW) | Ⓟ POLYUREA |
| ③ PAVEMENT MARKING LINE 8" (WHITE) | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 40' C-C) | Ⓛ PREFORMED PLASTIC, TYPE B |
| ④ PAVEMENT MARKING LINE 5" (WHITE) | ⑨ RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE, ONE-WAY, CRYSTAL MARKERS @ 80' C-C) | |

LANDSCAPING LEGEND

- | | |
|--|--|
| | SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET |
| | SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2 |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

**PAVEMENT MARKING AND LANDSCAPING
 FAI 55
 STA. 172+00.00 TO STA. 202+00.00**

SCALE: 1"=50'
 DATE 04/20/07
 DRAWN BY MW
 CHECKED BY DDH

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

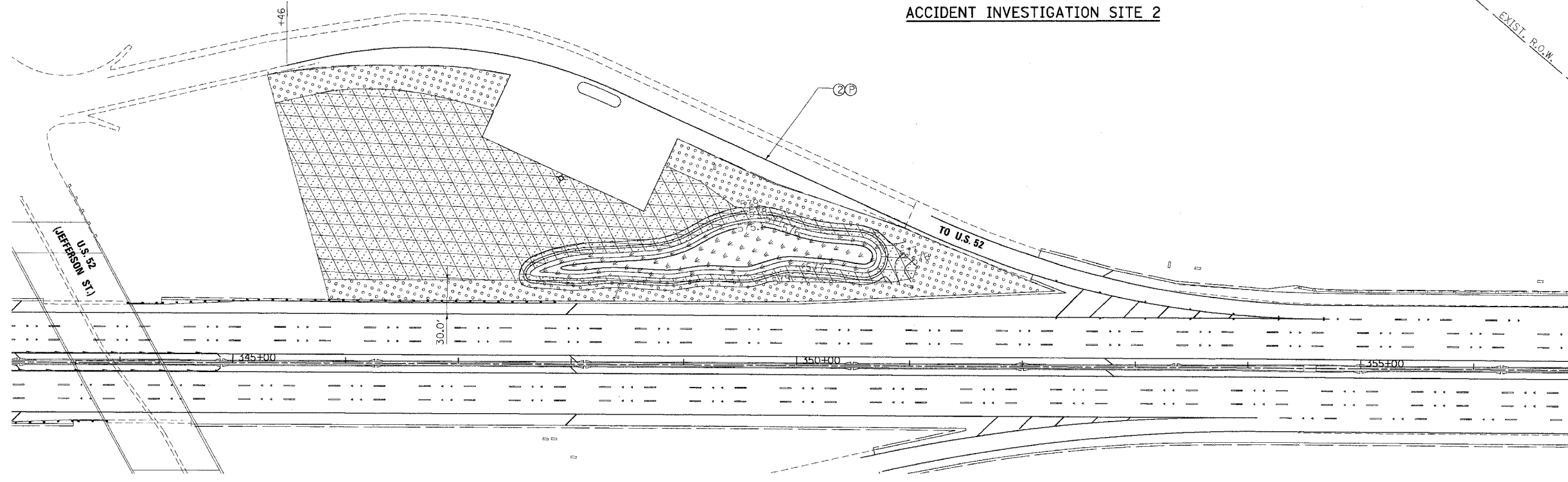
MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

PLOT DATE = #DATE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

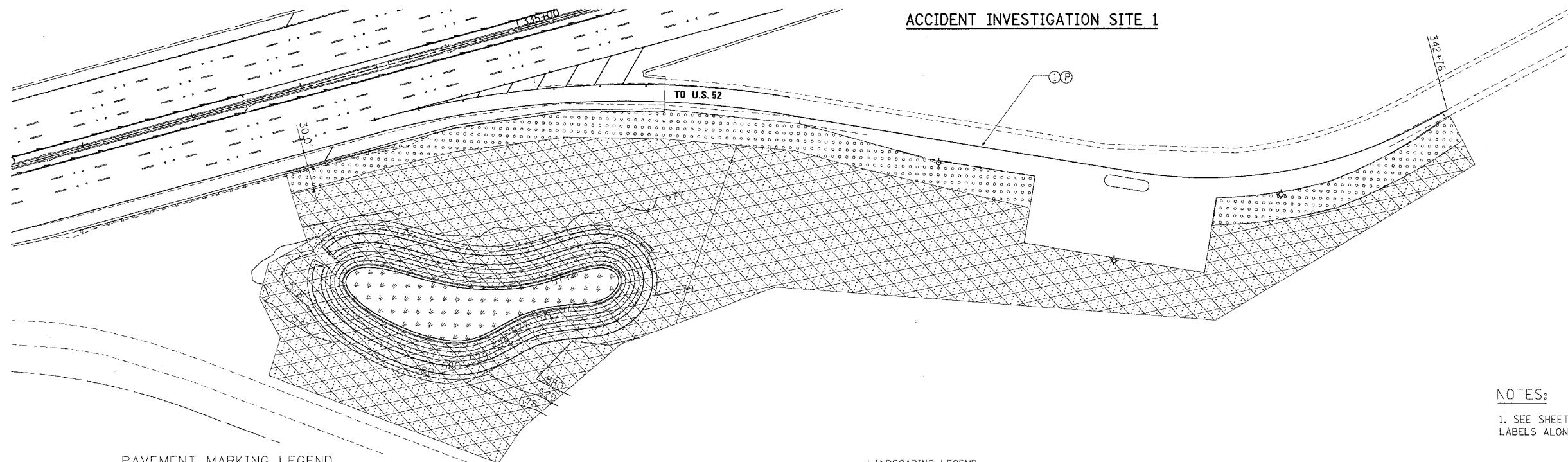
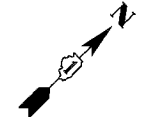
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL.	334	221
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ACCIDENT INVESTIGATION SITE 2

EXIST. R.O.W.



ACCIDENT INVESTIGATION SITE 1



NOTES:
1. SEE SHEETS 218 AND 219 FOR PAVEMENT MARKING LABELS ALONG I-55 MAINLINE AND RAMP GORES.

PAVEMENT MARKING LEGEND

- ① PAVEMENT MARKING LINE 4" (WHITE)
- ② PAVEMENT MARKING LINE 4" (YELLOW)
- ③ PAVEMENT MARKING LINE 8" (WHITE)
- ④ PAVEMENT MARKING LINE 5" (WHITE)
- ⑤ RAISED REFLECTIVE PAVEMENT MARKER (DOUBLE, ONE-WAY, CRYSTAL MARKERS @ 80' C-C)
- ⑥ PAVEMENT MARKING LINE 12" (WHITE)
- ⑦ PAVEMENT MARKING LINE 12" (YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 40' C-C)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER (SINGLE, ONE-WAY, CRYSTAL MARKERS @ 45' C-C)
- ⑩ THERMOPLASTIC (EXTRUDED)
- ⑪ POLYUREA
- ⑫ PREFORMED PLASTIC, TYPE B

LANDSCAPING LEGEND

- SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET
- SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

**PAVEMENT MARKING AND LANDSCAPING
ACCIDENT INVESTIGATION SITES
SB & NB I-55 AT US 52**

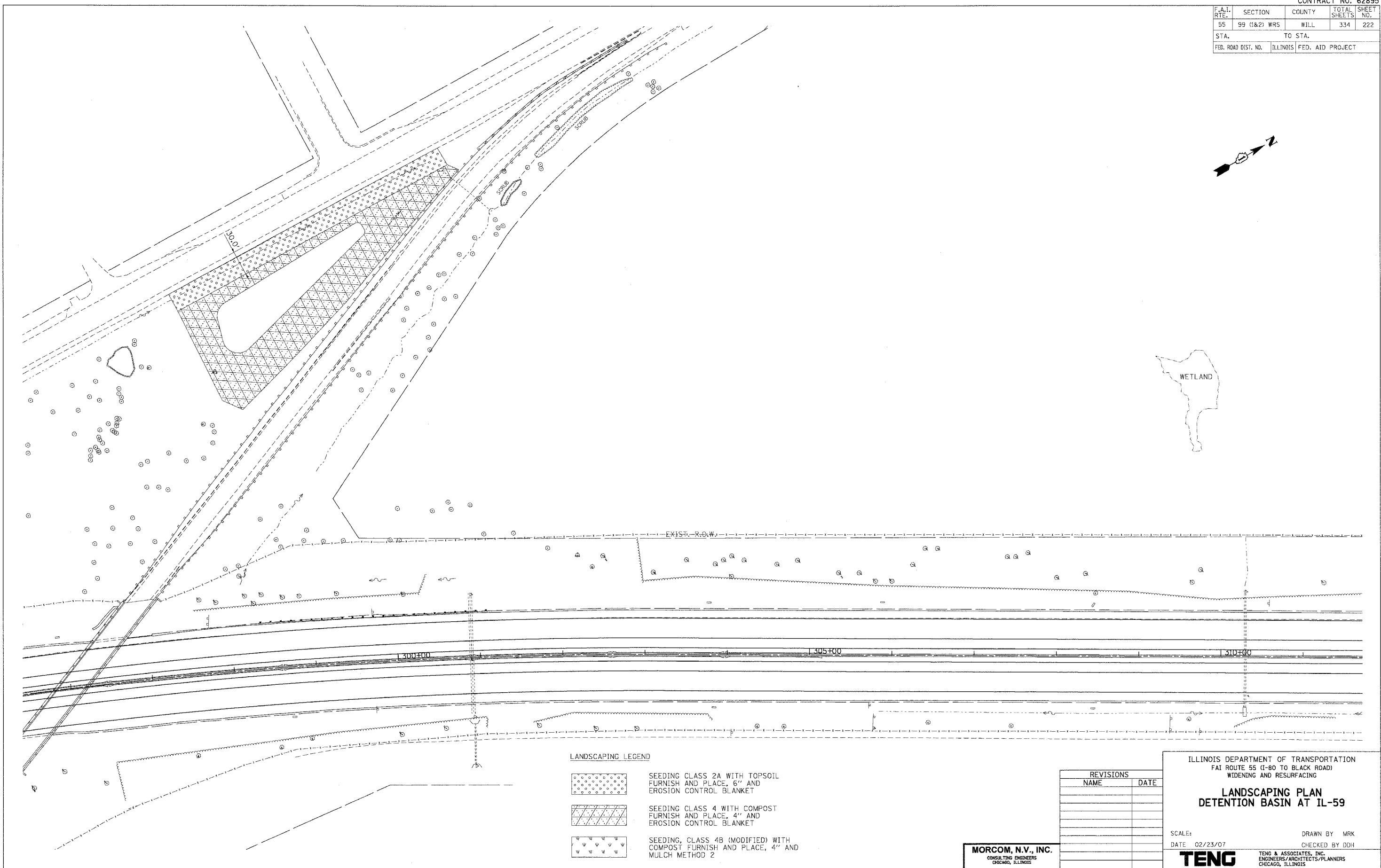
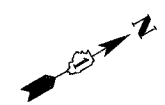
SCALE: DATE 03/15/07 DRAWN BY MRK CHECKED BY TKL

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

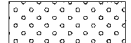
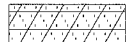
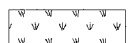
MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

PLOT DATE = 03/15/07
 PLOT SCALE = AS SHOWN
 USER NAME = BUSER

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	222
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LANDSCAPING LEGEND

-  SEEDING CLASS 2A WITH TOPSOIL FURNISH AND PLACE, 6" AND EROSION CONTROL BLANKET
-  SEEDING CLASS 4 WITH COMPOST FURNISH AND PLACE, 4" AND EROSION CONTROL BLANKET
-  SEEDING, CLASS 4B (MODIFIED) WITH COMPOST FURNISH AND PLACE, 4" AND MULCH METHOD 2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

**LANDSCAPING PLAN
 DETENTION BASIN AT IL-59**

SCALE: _____
 DATE 02/23/07

DRAWN BY MRK
 CHECKED BY DDH

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

MORCOM, N.V., INC.
 CONSULTING ENGINEERS
 CHICAGO, ILLINOIS

PLOT DATE: 02/23/07
 FILE NAME: 022307.DWG
 PLOT SCALE: 1"=40'
 USER NAME: JUS188
 \\P061A001\LDN\...N\061A001.DWG
 \\P061A001\LDN\...X\061A001.DWG
 \\P061A001\LDN\...M\061A001.DWG
 \\P061A001\LDN\...L\061A001.DWG
 2-22-2007 11:28:23
 GARCIAZ

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	223
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ROADWAY ELECTRICAL SYMBOL	
SYMBOL	DESCRIPTION
	REINSTALLED EXISTING LIGHTING UNIT
	EXISTING LIGHTING UNIT TO REMAIN
	EXISTING LIGHTING UNIT TO BE REMOVED AND RELOCATED
	EXISTING LIGHTING UNIT TO BE REMOVED AND RELOCATED
	RACEWAY OR DIRECT BURIAL CABLE UNDERGROUND WITHOUT ENCASEMENT
	EXISTING UNIT DUCT
	EXISTING LIGHTING CONTROLLER, DUPLEX
	ELECTRIC GROUND ROD

ABBREVIATIONS	
SYMBOL	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CT	CURRENT TRANSFORMER
CP	CONTROL PANEL
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM)
ER	EXISTING RELOCATED UNIT
ET	EXISTING TEMPORARY UNIT TO REMAIN
ETR	EXISTING TEMPORARY RELOCATED UNIT
FT	FEET OR FOOT
FND BW	FOUNDATION BARRIER WALL
FND BW OS	FOUNDATION BARRIER WALL OFFSET
FND CON	FOUNDATION CONCRETE
FND CON OS	FOUNDATION CONCRETE OFFSET
FND MET	FOUNDATION METAL
FND PW	FOUNDATION PARAPET WALL
FJ	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MM	MILLIMETER
MH	MOUNTING HEIGHT
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVCC RGS	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TMP	TEMPORARY
TR	TEMPORARY UNIT TO BE REMOVED, SALVAGE EQUIPMENT AS SPECIFIED
TRR	TEMPORARY UNIT TO BE REMOVED AND RELOCATED
TUR	TEMPORARY UNIT ON UTILITY POLE TO BE REMOVED
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE
XFMR	TRANSFORMER

GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY ALL OF THE INFORMATION SHOWN ON THE CONTRACT DRAWINGS, WHICH WOULD AFFECT THE WORK UNDER THIS CONTRACT.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
- ALL NEW CONDUIT, JUNCTION BOXES AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND ASSOCIATED SUPPLEMENTAL CONDITIONS.
- THE SCALE SHOWN ON PLAN DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.
- ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER. THE LUMINAIRES MAY REQUIRE NIGHT-TIME OPTICAL ADJUSTMENT UPON INSPECTION BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
- FOR THE EXISTING LIGHT POLE AND FOUNDATIONS THAT ARE TO BE REMOVED, THE ASSOCIATED UNDERGROUND CONDUITS AND CABLE SHALL BE REMOVED COMPLETELY.
- EXISTING UNDERGROUND WIRING SHOWN ON PLANS IS DIAGRAMATIC. CONTRACTOR SHALL MAINTAIN CONTINUITY TO ALL EXISTING WIRING TO EXISTING LIGHTING TO REMAIN. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM FOR MAINTENANCE OF EXISTING LIGHTING SYSTEM. NO SEPARATE PAYMENT WILL BE MADE.
- ALL LIGHTING EQUIPMENT REMOVED AS PART OF THIS CONTRACT SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED TO STATE'S ELECTRICAL MAINTENANCE CONTRACTOR'S FACILITY LOCATED WITHIN DISTRICT 1 IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30-INCH DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST TO THE STATE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- WHERE MULTIPLE CONDUITS ADJACENT TO EACH OTHER ARE INSTALLED IN A COMMON TRENCH, TRENCH AND BACKFILL WILL NOT BE PAID FOR EACH CONDUIT, BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH ONLY.
- WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.



August 10, 2006
Exp. 11/30/07

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-80 TO BLACK ROAD
 WIDENING AND RESURFACING

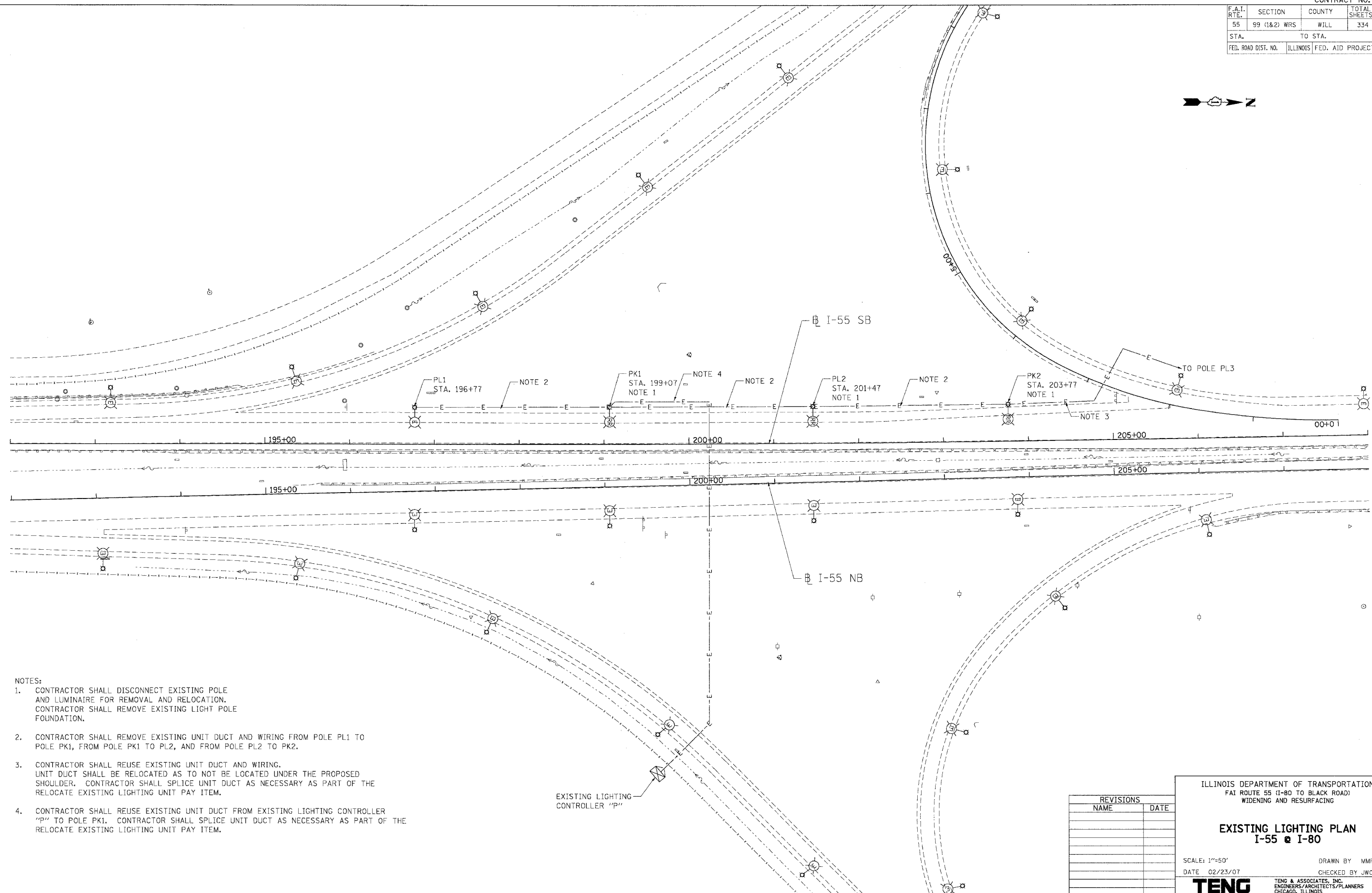
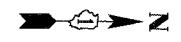
**ELECTRICAL GENERAL
 NOTES AND SYMBOLS**

SCALE: N.T.S. DRAWN BY: MWP
 DATE: 02/23/07 CHECKED BY: JWO

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

PLOT DATE = 02/23/07
 PLOT SCALE = AS SHOWN
 USER NAME = JLBEB
 SA:DOCUMENT 02230700ELEC00RVD081001.SHT
 GARCIAZ
 2-22-2007, 11:26:33

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	224
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

- CONTRACTOR SHALL DISCONNECT EXISTING POLE AND LUMINAIRE FOR REMOVAL AND RELOCATION. CONTRACTOR SHALL REMOVE EXISTING LIGHT POLE FOUNDATION.
- CONTRACTOR SHALL REMOVE EXISTING UNIT DUCT AND WIRING FROM POLE PL1 TO POLE PK1, FROM POLE PK1 TO PL2, AND FROM POLE PL2 TO PK2.
- CONTRACTOR SHALL REUSE EXISTING UNIT DUCT AND WIRING. UNIT DUCT SHALL BE RELOCATED AS TO NOT BE LOCATED UNDER THE PROPOSED SHOULDER. CONTRACTOR SHALL SPLICE UNIT DUCT AS NECESSARY AS PART OF THE RELOCATE EXISTING LIGHTING UNIT PAY ITEM.
- CONTRACTOR SHALL REUSE EXISTING UNIT DUCT FROM EXISTING LIGHTING CONTROLLER "P" TO POLE PK1. CONTRACTOR SHALL SPLICE UNIT DUCT AS NECESSARY AS PART OF THE RELOCATE EXISTING LIGHTING UNIT PAY ITEM.

EXISTING LIGHTING CONTROLLER "P"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

EXISTING LIGHTING PLAN
I-55 @ I-80

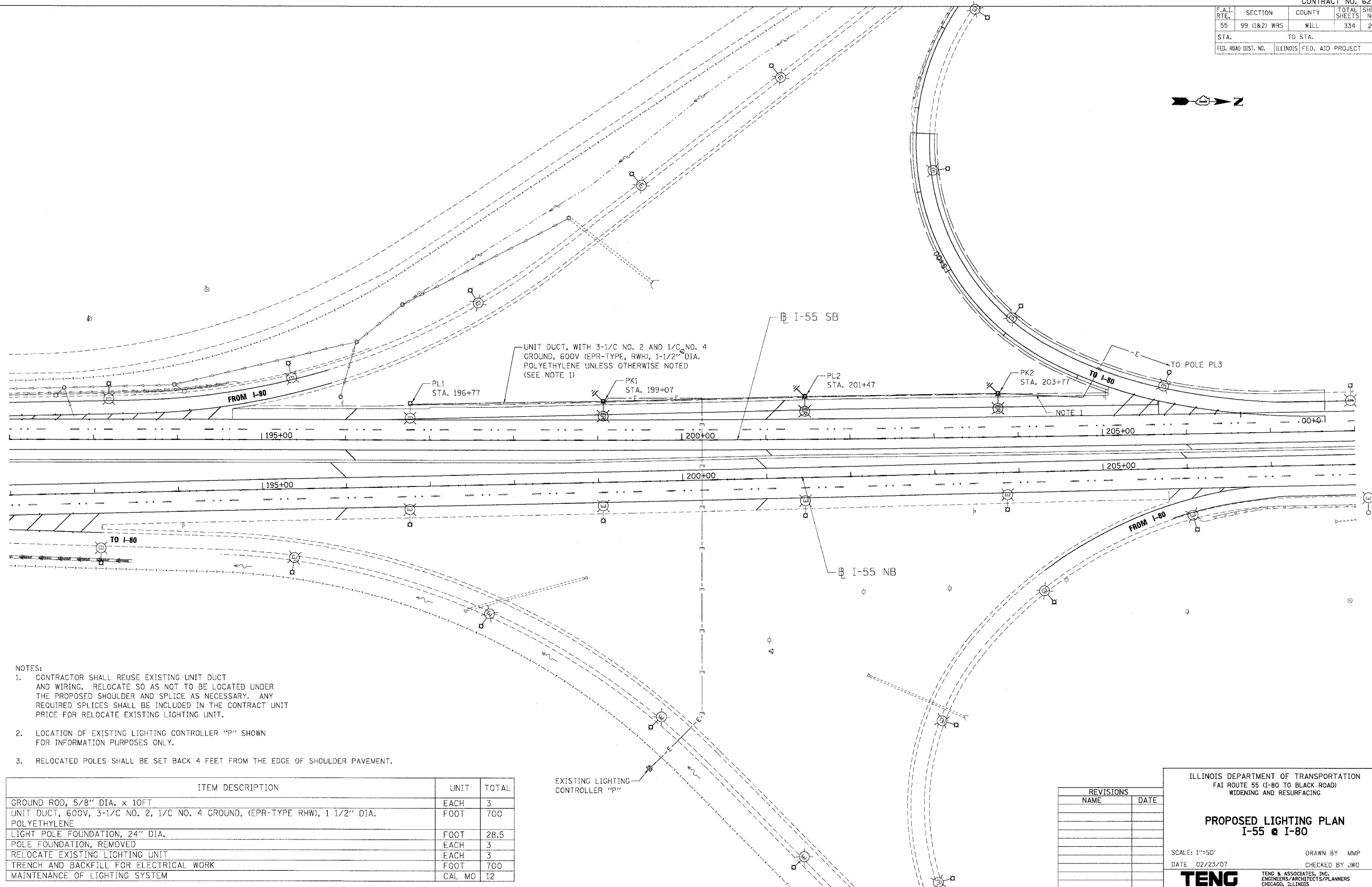
SCALE: 1"=50'
 DATE 02/23/07

DRAWN BY MMP
 CHECKED BY JWO

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

PLOT DATE = 02/23/07
 FILE NAME = 021114.DWG
 PLOT SCALE = 1"=50'
 USER NAME = JWS100

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL.	334	225
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- NOTES:
- CONTRACTOR SHALL REUSE EXISTING UNIT DUCT AND WIRING. RELOCATE SO AS NOT TO BE LOCATED UNDER THE PROPOSED SHOULDER AND SPLICE AS NECESSARY. ANY REQUIRED SPLICES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR RELOCATE EXISTING LIGHTING UNIT.
 - LOCATION OF EXISTING LIGHTING CONTROLLER "P" SHOWN FOR INFORMATION PURPOSES ONLY.
 - RELOCATED POLES SHALL BE SET BACK 4 FEET FROM THE EDGE OF SHOULDER PAVEMENT.

ITEM DESCRIPTION	UNIT	TOTAL
GROUND ROD, 5/8" DIA. x 10FT	EACH	3
UNIT DUCT, 600V, 3-1/8 NO. 2, 1/8 NO. 4 GROUND, (EPR-TYPE RWH), 1 1/2" DIA. POLYETHYLENE	FOOT	700
LIGHT POLE FOUNDATION, 24" DIA.	FOOT	28.5
POLE FOUNDATION, REMOVED	EACH	3
RELOCATE EXISTING LIGHTING UNIT	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	700
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

PROPOSED LIGHTING PLAN
I-55 & I-80

SCALE: 1"=50'
 DATE 02/23/07
 DRAWN BY MMP
 CHECKED BY JWO

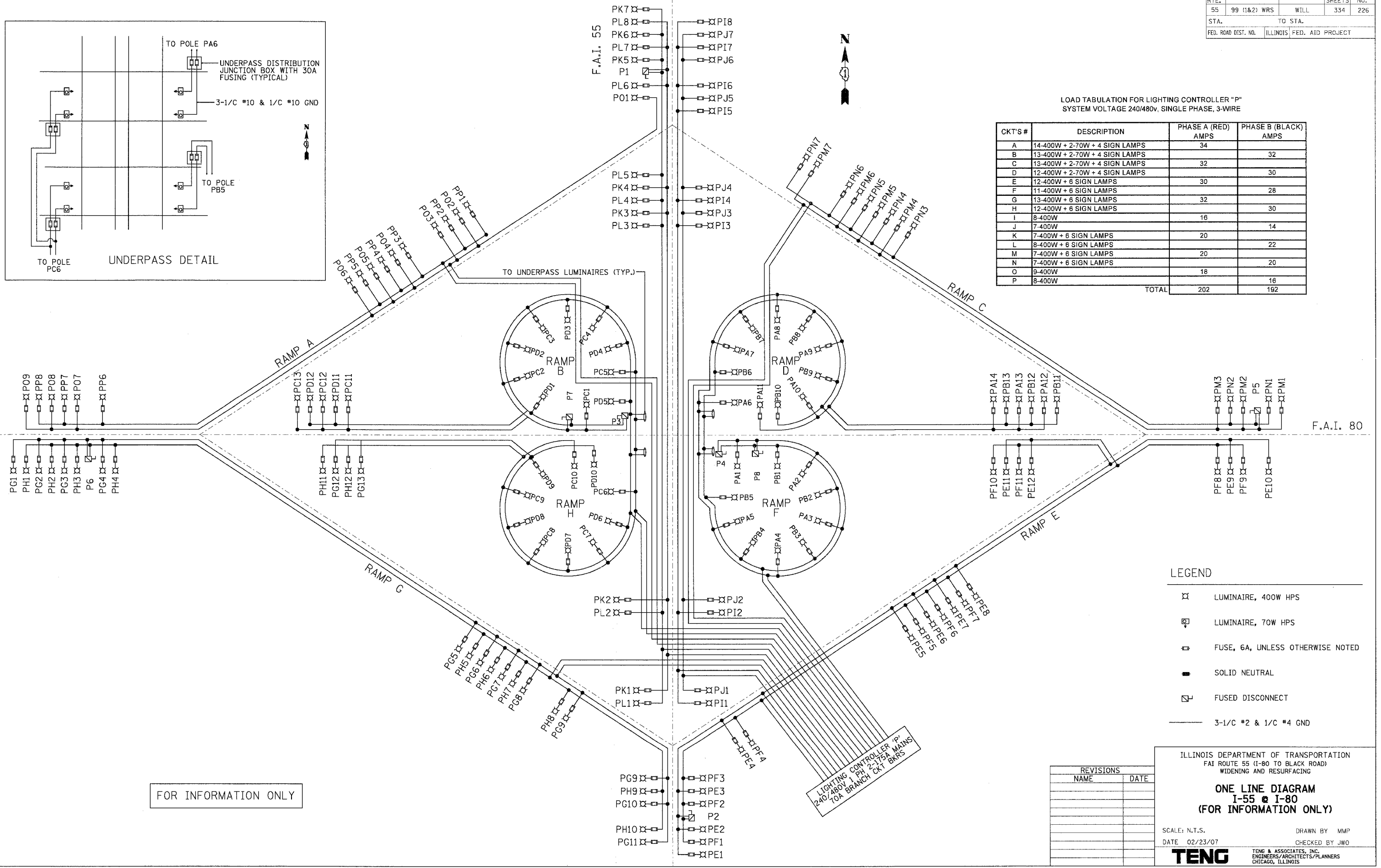
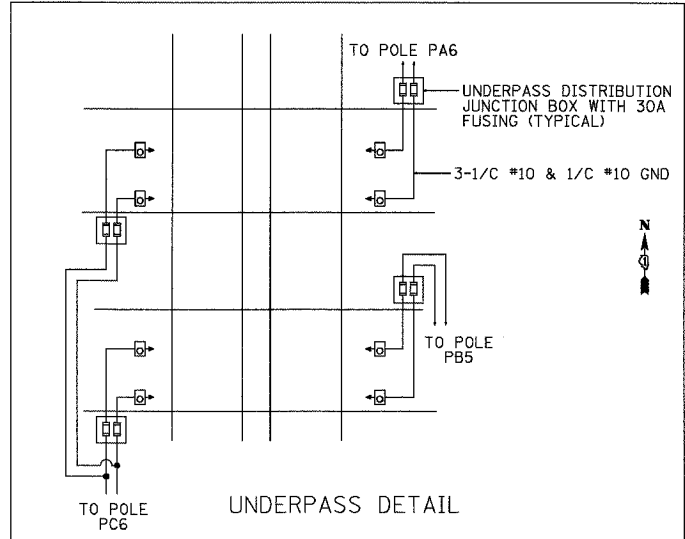
TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 02/23/07
 FILE NAME = I:\PROJECTS\62895\62895.DWG
 PLOT SCALE = 1"=50'
 USER NAME = JWO

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	226
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

LOAD TABULATION FOR LIGHTING CONTROLLER "P"
SYSTEM VOLTAGE 240/480V, SINGLE PHASE, 3-WIRE

CKT'S #	DESCRIPTION	PHASE A (RED) AMPS	PHASE B (BLACK) AMPS
A	14-400W + 2-70W + 4 SIGN LAMPS	34	
B	13-400W + 2-70W + 4 SIGN LAMPS		32
C	13-400W + 2-70W + 4 SIGN LAMPS	32	
D	12-400W + 2-70W + 4 SIGN LAMPS		30
E	12-400W + 6 SIGN LAMPS	30	
F	11-400W + 6 SIGN LAMPS		28
G	13-400W + 6 SIGN LAMPS	32	
H	12-400W + 6 SIGN LAMPS		30
I	8-400W	16	
J	7-400W		14
K	7-400W + 6 SIGN LAMPS	20	
L	8-400W + 6 SIGN LAMPS		22
M	7-400W + 6 SIGN LAMPS	20	
N	7-400W + 6 SIGN LAMPS		20
O	9-400W	18	
P	8-400W		16
TOTAL		202	192



FOR INFORMATION ONLY

LEGEND

- ⊗ LUMINAIRE, 400W HPS
- ⊕ LUMINAIRE, 70W HPS
- ⊞ FUSE, 6A, UNLESS OTHERWISE NOTED
- SOLID NEUTRAL
- ⊞ FUSED DISCONNECT
- 3-1/2 #2 & 1/2 #4 GND

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

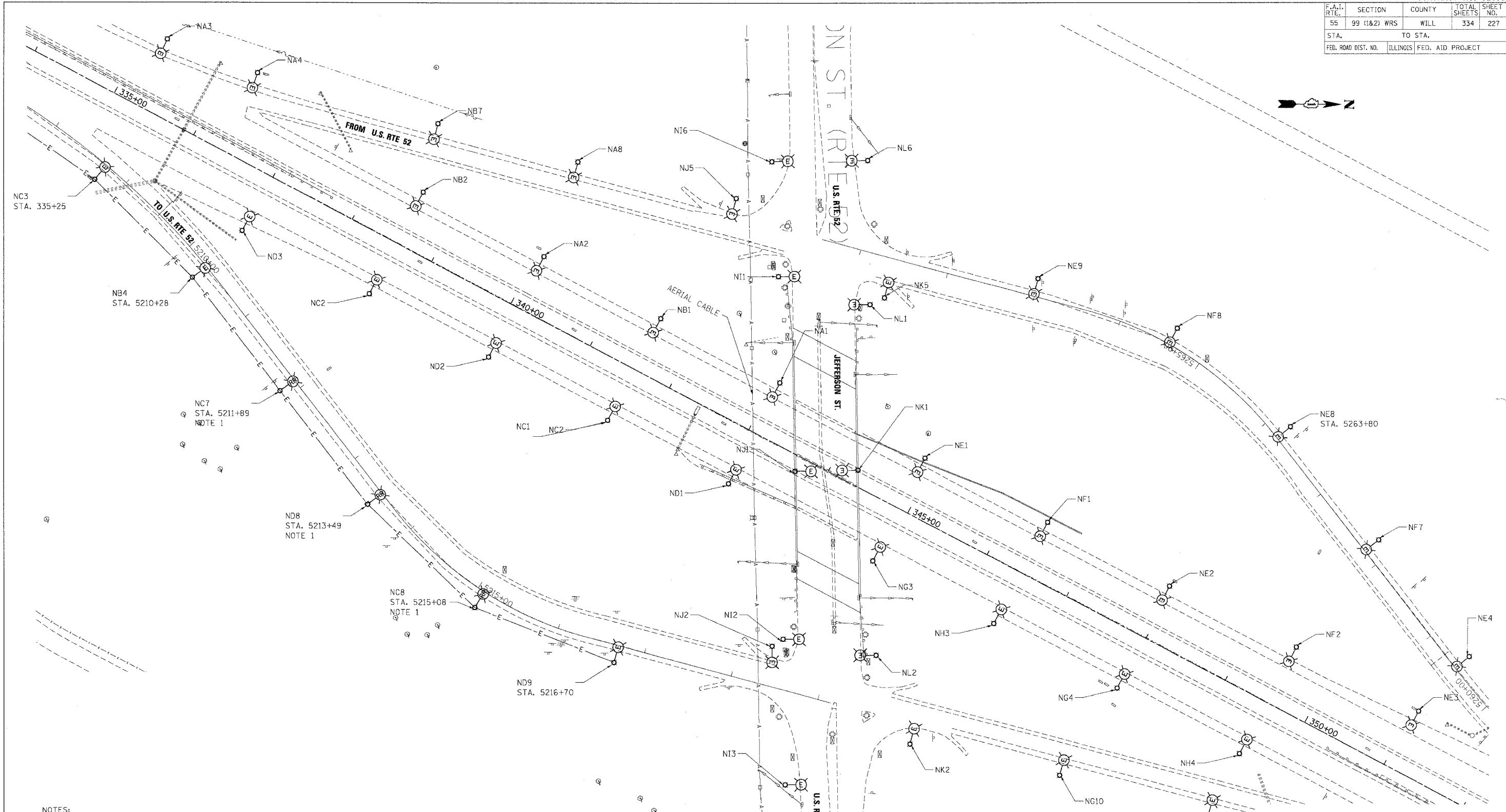
ONE LINE DIAGRAM
I-55 @ I-80
(FOR INFORMATION ONLY)

SCALE: N.T.S. DRAWN BY MMP
DATE 02/23/07 CHECKED BY JWO

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

PLOT DATE = 02/23/07
 FILE NAME = #FILE19
 PLOT SCALE = #SCALE#
 USER NAME = #USER#
 SAVEDOCUMENT 02/23/07 11:21:58
 C:\CCTV\2007\11\21\58

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL.	334	227
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- NOTES:
- CONTRACTOR SHALL DISCONNECT EXISTING POLE AND LUMINAIRE FOR REMOVAL AND RELOCATION. CONTRACTOR SHALL REMOVE EXISTING LIGHT POLE FOUNDATION.
 - CONTRACTOR SHALL REMOVE EXISTING UNIT DUCT AND WIRING FROM POLE NB4 TO NC7, FROM POLE NC7 TO ND8, FROM POLE ND8 TO POLE NC8, AND FROM POLE NC8 TO POLE ND9.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

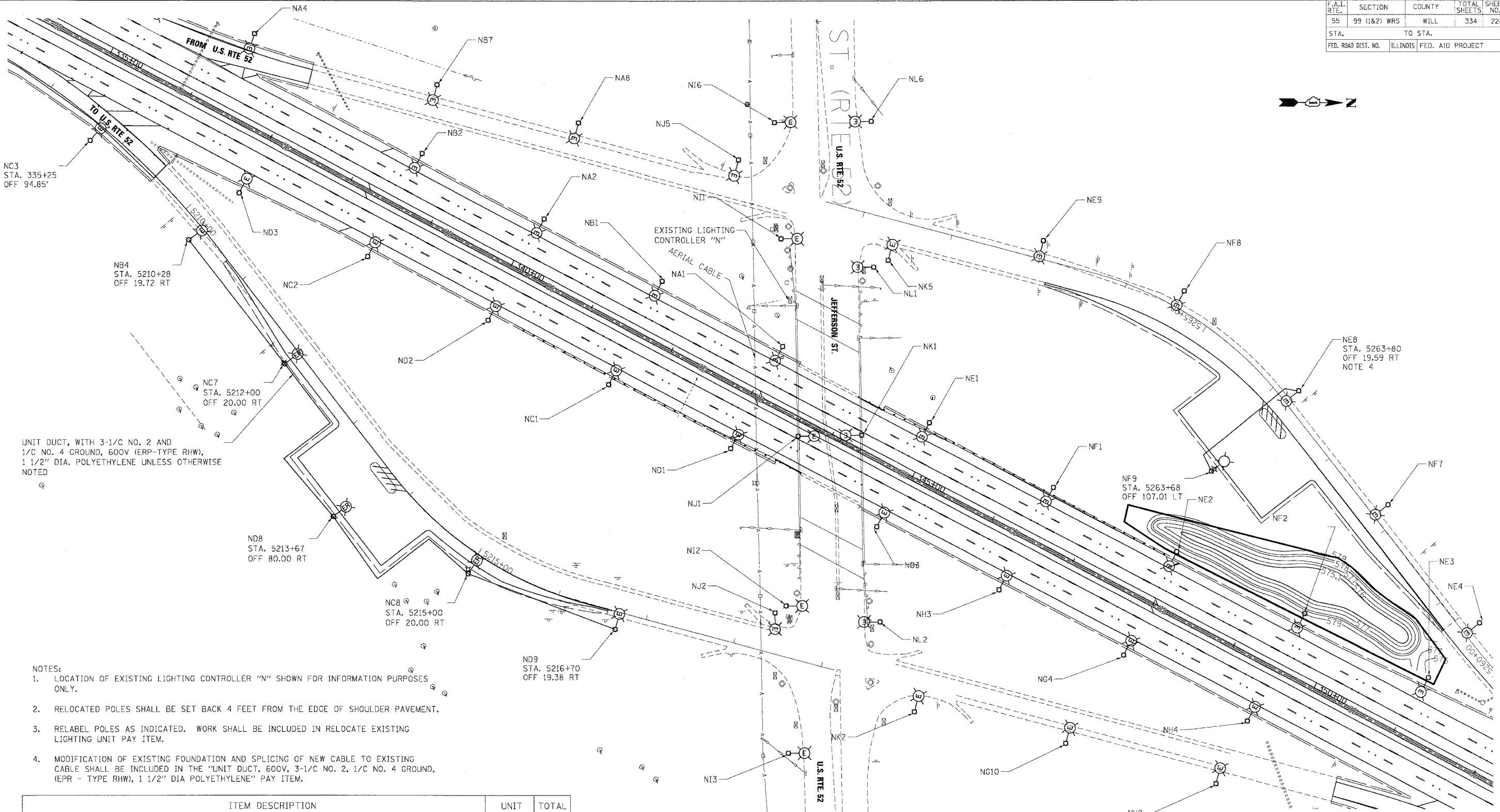
**EXISTING LIGHTING PLAN
 US 52 @ I-55**

SCALE: 1"=50'
 DATE: 02/23/07
 DRAWN BY: MMP
 CHECKED BY: JWO

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

PLOT DATE = 02/23/07
 PLOT NAME = I-55 @ US 52
 PLOT SCALE = 1"=50'
 USER NAME = JWS
 ..\L\9101001.DGN ..\R\9101001.DGN ..\T\9101001.DGN ..\U\9101001.DGN ..\V\9101001.DGN ..\W\9101001.DGN ..\X\9101001.DGN ..\Y\9101001.DGN ..\Z\9101001.DGN
 2-22-2007 11:21:28 GARCIAZ SANDOCUMENT\022307\1507\ELEC\00\ALEB\0051\0051.SHT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&Z) WRS	WILL	334	228
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



UNIT DUCT, WITH 3-1/2 NO. 2 AND 1/2 NO. 4 GROUND, 600V (EPR-TYPE RHW), 1 1/2" DIA. POLYETHYLENE UNLESS OTHERWISE NOTED

- NOTES:
1. LOCATION OF EXISTING LIGHTING CONTROLLER "N" SHOWN FOR INFORMATION PURPOSES ONLY.
 2. RELOCATED POLES SHALL BE SET BACK 4 FEET FROM THE EDGE OF SHOULDER PAVEMENT.
 3. RELABEL POLES AS INDICATED. WORK SHALL BE INCLUDED IN RELOCATE EXISTING LIGHTING UNIT PAY ITEM.
 4. MODIFICATION OF EXISTING FOUNDATION AND SPLICING OF NEW CABLE TO EXISTING CABLE SHALL BE INCLUDED IN THE "UNIT DUCT, 600V, 3-1/2 NO. 2, 1/2 NO. 4 GROUND, (EPR - TYPE RHW), 1 1/2" DIA POLYETHYLENE" PAY ITEM.

ITEM DESCRIPTION	UNIT	TOTAL
GROUND ROD, 5/8" DIA. x 10FT	EACH	4
UNIT DUCT, 600V, 3-1/2 NO. 2, 1/2 NO. 4 GROUND, (EPR-TYPE RHW), 1 1/2" DIA. POLYETHYLENE	FOOT	935
LIGHT POLE FOUNDATION, 24" DIA.	FOOT	38.0
POLE FOUNDATION, REMOVED	EACH	3
RELOCATE EXISTING LIGHTING UNIT	EACH	3
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	935
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400W	EACH	1
LIGHT POLE, ALUMINUM, 47.5FT M.H., 15FT MAST ARM	EACH	1
BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

**PROPOSED LIGHTING PLAN
 US 52 & I-55**

SCALE: 1"=50'
 DATE: 02/23/07
 DRAWN BY: MMP
 CHECKED BY: JWO



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

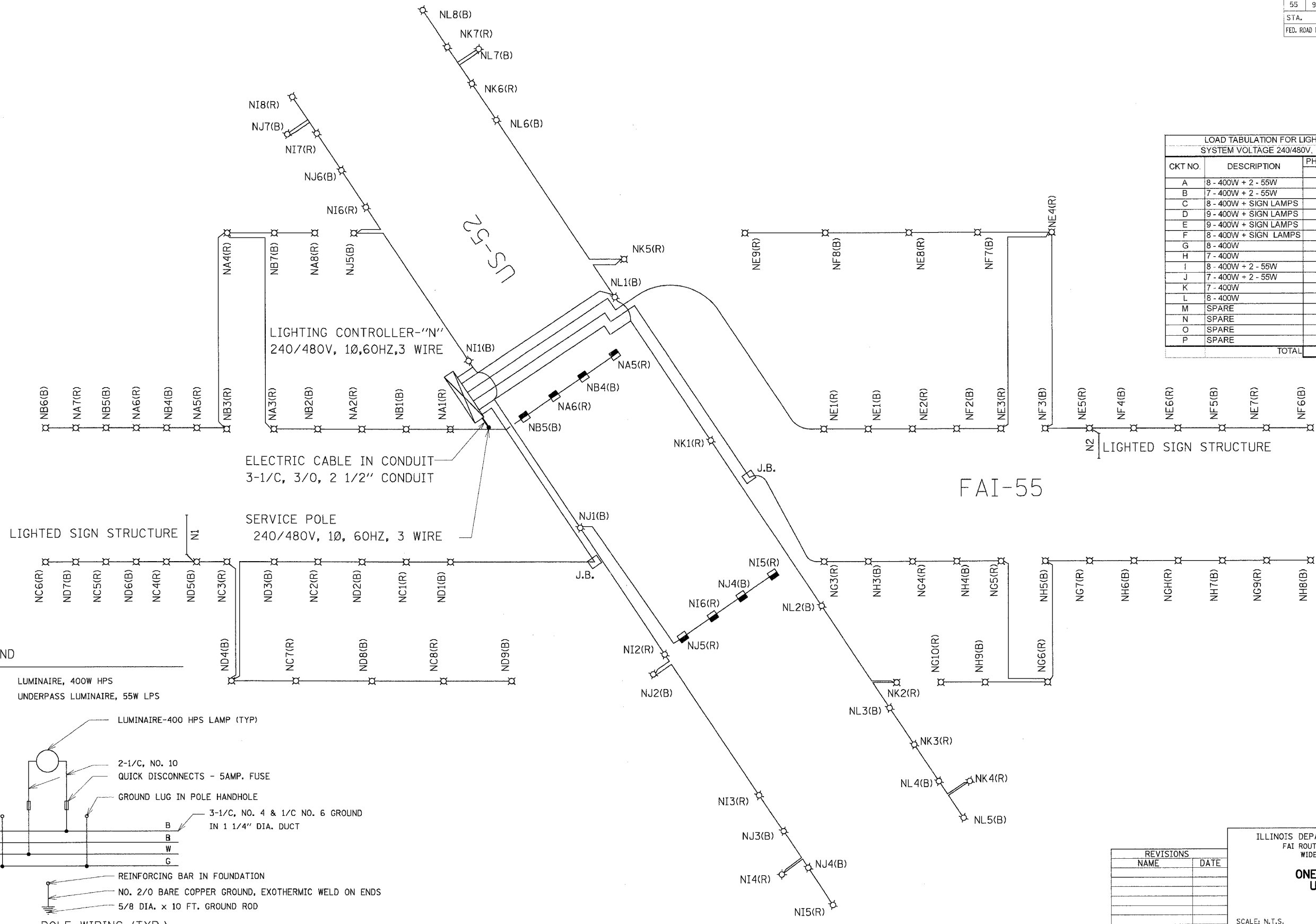
PLOT DATE = 02/23/07
 FILE NAME = #SCALE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	229
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

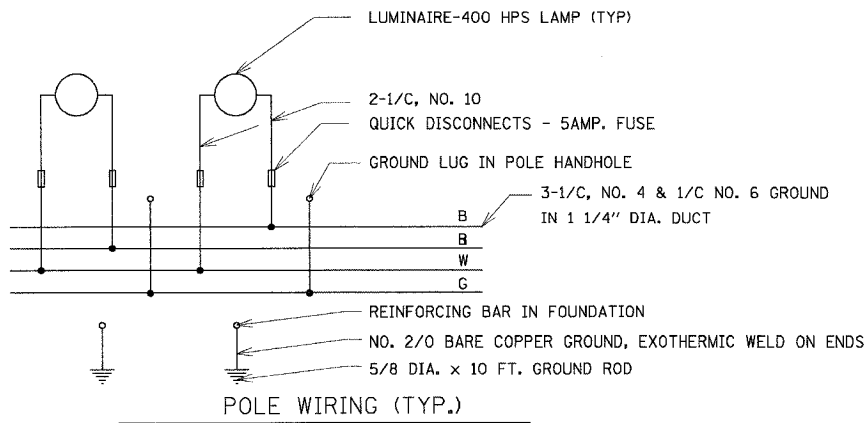


LOAD TABULATION FOR LIGHTING CONTROLLER "N"
SYSTEM VOLTAGE 240/480V, SINGLE PHASE, 3-WIRE

CKT NO	DESCRIPTION	PHASE A (RED)		PHASE B (BLACK)	
		AMPS	AMPS	AMPS	AMPS
A	8 - 400W + 2 - 55W	13.9			
B	7 - 400W + 2 - 55W			12.2	
C	8 - 400W + SIGN LAMPS	16			
D	9 - 400W + SIGN LAMPS			18	
E	9 - 400W + SIGN LAMPS	18			
F	8 - 400W + SIGN LAMPS			16	
G	8 - 400W	16			
H	7 - 400W			14	
I	8 - 400W + 2 - 55W	13.9			
J	7 - 400W + 2 - 55W			12.2	
K	7 - 400W	14			
L	8 - 400W			16	
M	SPARE	0			
N	SPARE			0	
O	SPARE	0			
P	SPARE			0	
TOTAL		91.8		88.4	



- LEGEND**
- ⊗ LUMINAIRE, 400W HPS
 - UNDERPASS LUMINAIRE, 55W LPS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

**ONE LINE DIAGRAM
US 52 @ I-55
EXISTING**

SCALE: N.T.S. DRAWN BY: MMP
DATE: 02/23/07 CHECKED BY: JWO

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

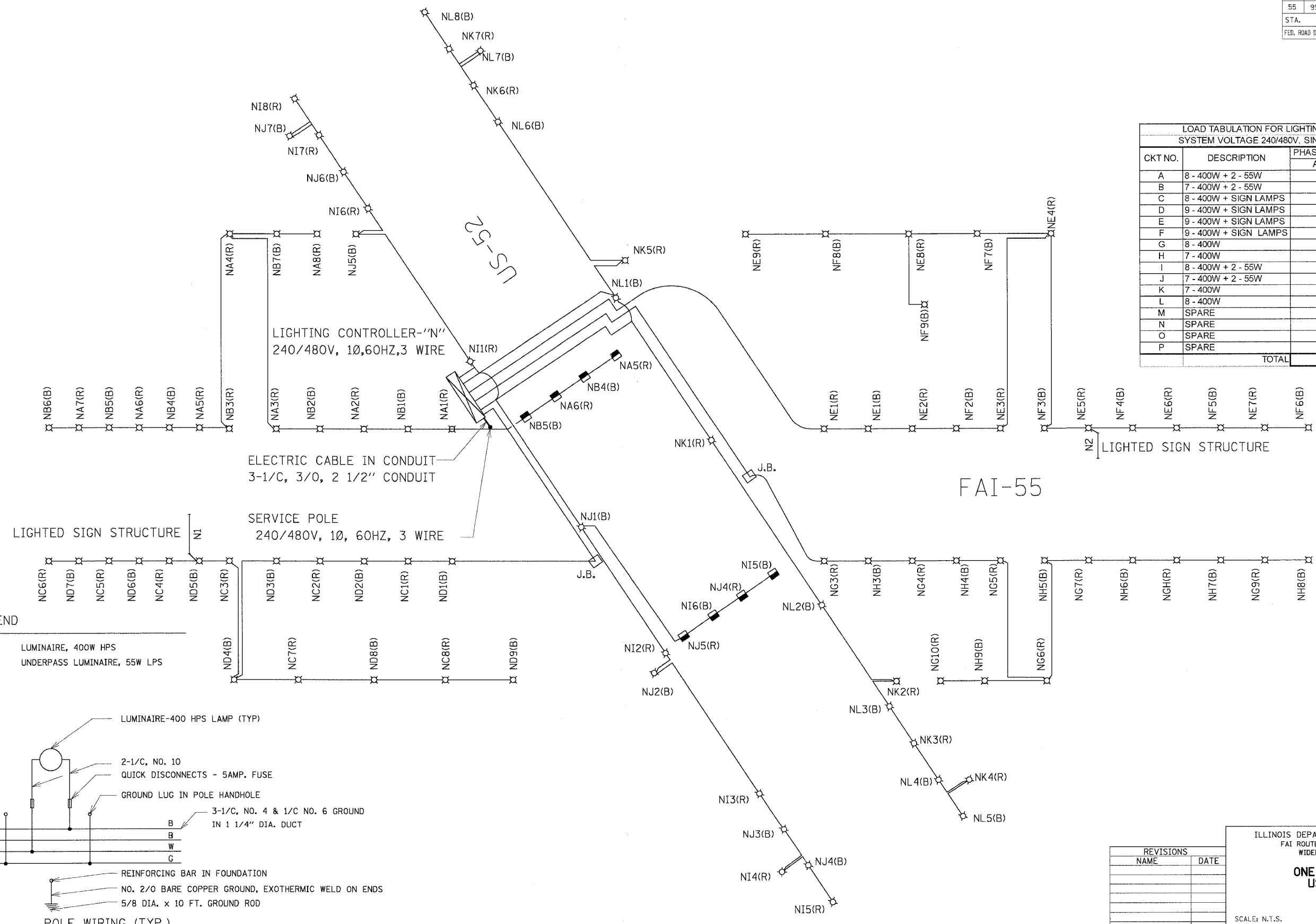
DATE = 02/23/07
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#
 S:\DOCUMENT\22381581\ELEC\CON\LEB514021.SHT
 2-22-2007 11:21:48

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL.	334	230
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

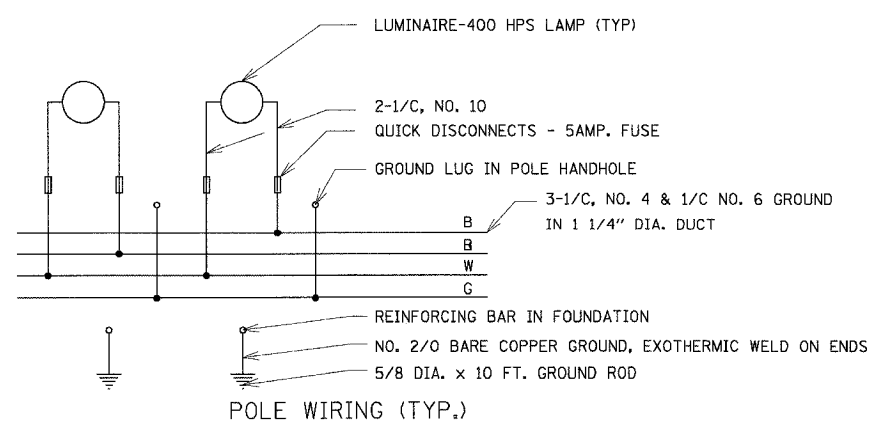


LOAD TABULATION FOR LIGHTING CONTROLLER "N"
SYSTEM VOLTAGE 240/480V, SINGLE PHASE, 3-WIRE

CKT NO.	DESCRIPTION	PHASE A (RED) PHASE B (BLACK)	
		AMPS	AMPS
A	8 - 400W + 2 - 55W	13.9	
B	7 - 400W + 2 - 55W		12.2
C	8 - 400W + SIGN LAMPS	16	
D	9 - 400W + SIGN LAMPS		18
E	9 - 400W + SIGN LAMPS	18	
F	9 - 400W + SIGN LAMPS		18
G	8 - 400W	16	
H	7 - 400W		14
I	8 - 400W + 2 - 55W	13.9	
J	7 - 400W + 2 - 55W		12.2
K	7 - 400W	14	
L	8 - 400W		16
M	SPARE	0	0
N	SPARE	0	0
O	SPARE	0	0
P	SPARE	0	0
TOTAL		91.8	90.4



- LEGEND**
- ⊗ LUMINAIRE, 400W HPS
 - UNDERPASS LUMINAIRE, 55W LPS



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

**ONE LINE DIAGRAM
US 52 @ I-55
PROPOSED**

SCALE: N.T.S. DRAWN BY MMP
DATE: 02/23/07 CHECKED BY JWO

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

PLOT DATE = 02/23/07
 PLOT SCALE = 1/8\"/>

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	231
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES - SIGNING

PAY ITEM	SIGN PANEL, TY 3 AND STRUCTURES										
	SIGN NO.		1G099I055L249.0		SIGN PANEL ASSEMBLY	SIGN PANEL	SIGN PANEL ASSEMBLY	SIGN PANEL ASSEMBLY	MILEPOST MARKER ASSEMBLY	SIGN PANEL ASSEMBLY	SIGN PANEL ASSEMBLY
	STATION		139+80		MP 248.97	TYPE 3	TYPE 3	TYPE 2	TYPE B	TYPE A	TYPE B
	SIZE (WIDTHxHEIGHT)		10'x5'		INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	RELOCATE
	TOTAL QUANTITY	UNIT	INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	INSTALLATION	REMOVAL	RELOCATE
REINFORCEMENT BARS	160	POUND	160								
SIGN PANEL - TYPE 1	17	SQ FT					17				
SIGN PANEL - TYPE 2	431	SQ FT					431				
SIGN PANEL - TYPE 3	2530	SQ FT	50		2480						
REMOVE SIGN PANEL ASSEMBLY - TYPE A	9	EACH							9		
REMOVE SIGN PANEL ASSEMBLY - TYPE B	33	EACH						33			
REMOVE SIGN PANEL - TYPE 3	2018	SQ FT		50		1968					
RELOCATE SIGN PANEL ASSEMBLY - TYPE B	1	EACH									1
MILE POST MARKER ASSEMBLY	5	EACH						5			
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	257	POUND	256.5								
WOOD SIGN SUPPORT	879	FOOT			410		469				
CONCRETE FOUNDATIONS	1.4	CU YD	1.4								
REMOVE GROUND-MOUNTED SIGN SUPPORT	2	EACH		2							
REMOVE CONCRETE FOUNDATION - GROUND MOUNT	2	EACH		2							

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#
 \\BDFR14021\JDN
 2-28-2007, 16:10:38
 VARGSHKZ
 SA:\DOCUMENT\02361501\CTVIL\UDN\SC061\026.SHT

REVISIONS	
NAME	DATE

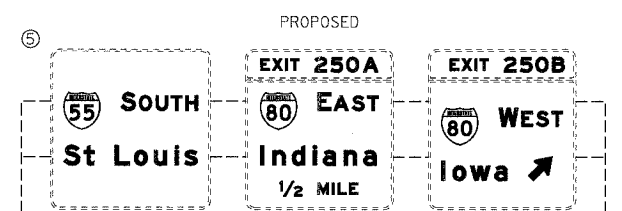
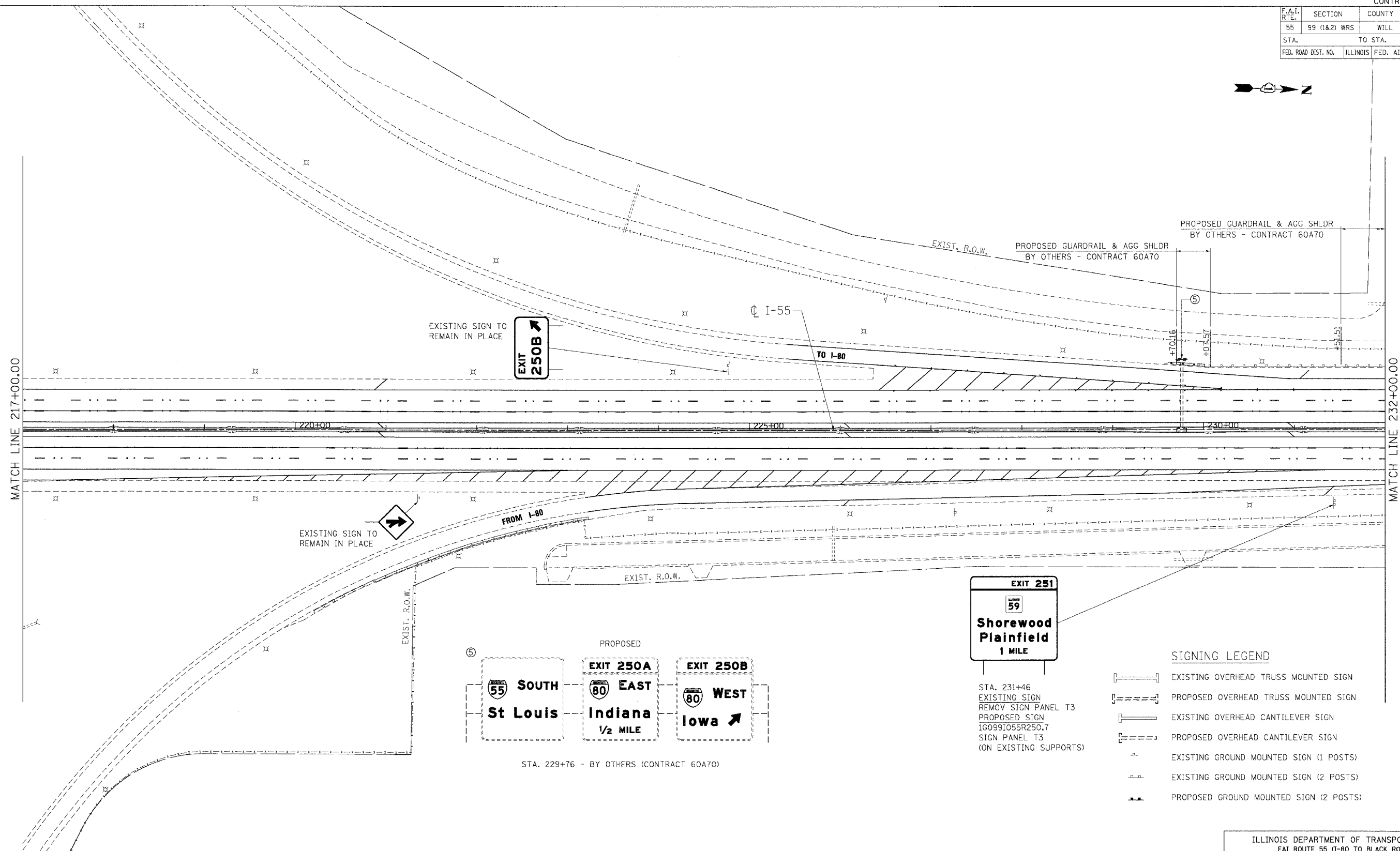
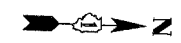
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

**SCHEDULE OF QUANTITIES
 SIGNING**

SCALE: N.T.S. DRAWN BY AG
 DATE 02/23/07 CHECKED BY DH

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	237
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



STA. 231+46
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
1G0991055R250.7
SIGN PANEL T3
(ON EXISTING SUPPORTS)

SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)

STA. 229+76 - BY OTHERS (CONTRACT 60A70)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

SIGNING PLAN
FAI 55
STA. 217+00.00 TO STA. 232+00.00

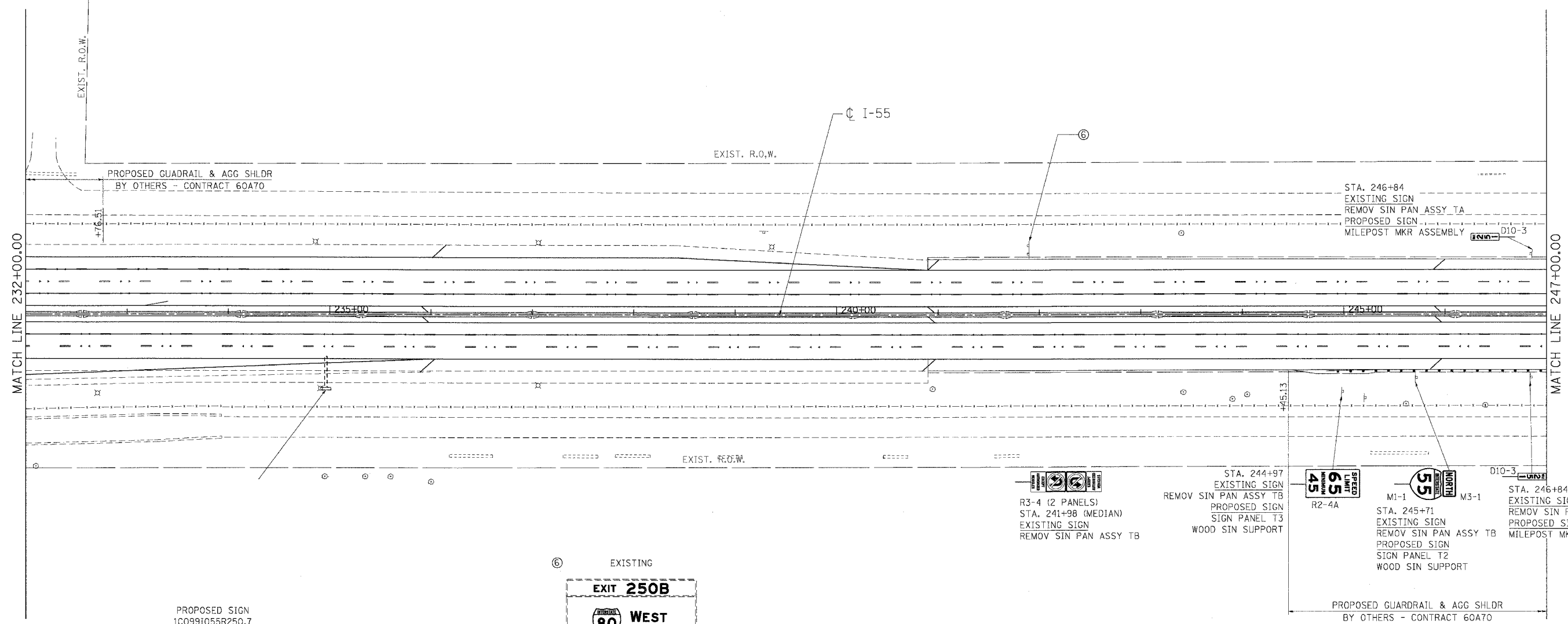
SCALE: 1"=50'
DATE 02/23/07

DRAWN BY MW
CHECKED BY DDH

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

PLOT DATE = 02/23/07
FILE NAME = 022307.DWG
PLOT SCALE = 1"=50'
USER NAME = JWB

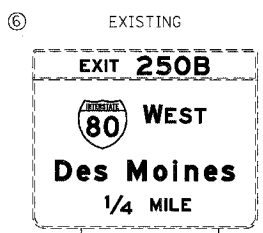
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	238
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCH LINE 232+00.00

MATCH LINE 247+00.00

PROPOSED SIGN
1C0991055R250.7
FOR INFORMATION ONLY
FOUNDATIONS WERE CONSTRUCTED
PER JANUARY 2005 PLANS I-80 &
I-55 INTERCHANGE RECONSTRUCTION
CONTRACT C80906
SIGN PANEL & TRUSS TO BE INSTALLED
BY OTHERS IN FUTURE CONTRACT



STA 241+91
REMOV SIGN PANEL T3 (BY OTHERS)
PER JANUARY 2005 PLANS
I-80 & I-55 INTERCHANGE
RECONSTRUCTION CONTRACT C80906

SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

SIGNING PLAN
FAI 55
STA. 232+00.00 TO STA. 247+00.00

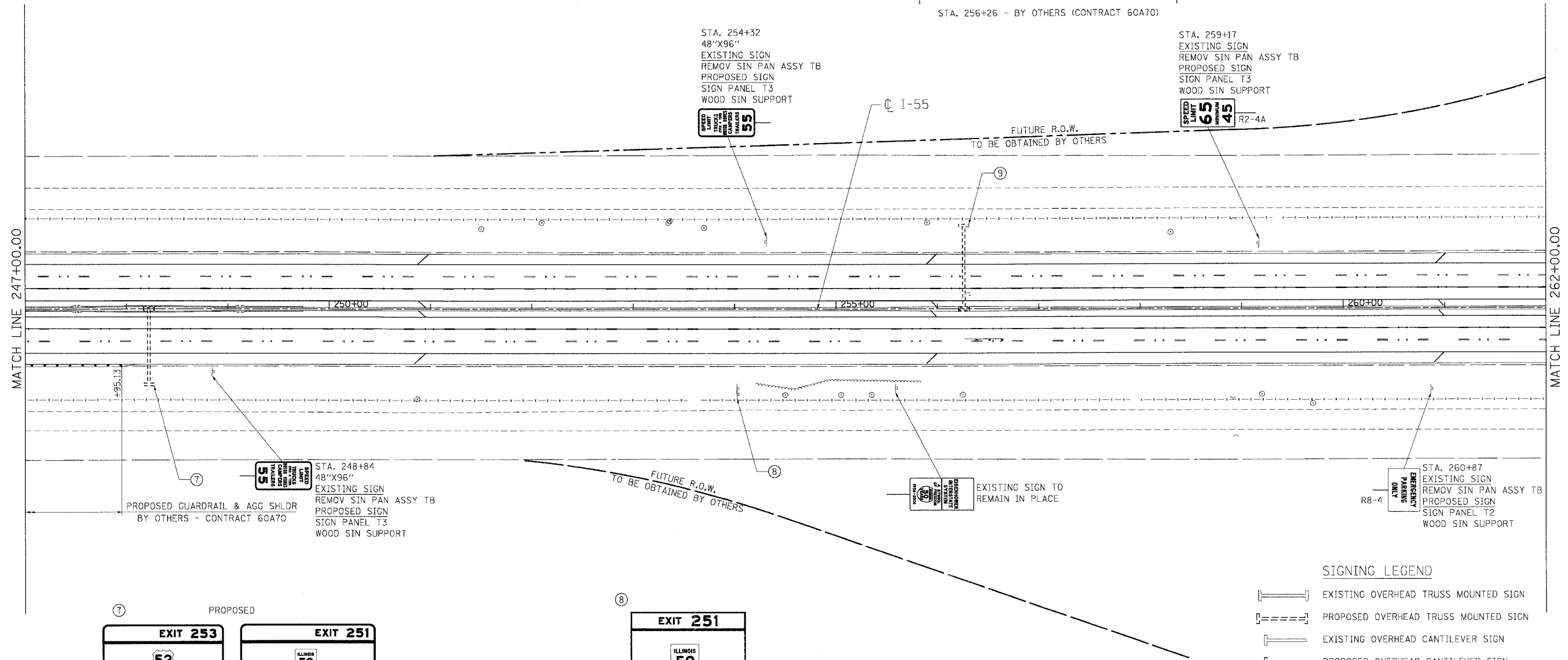
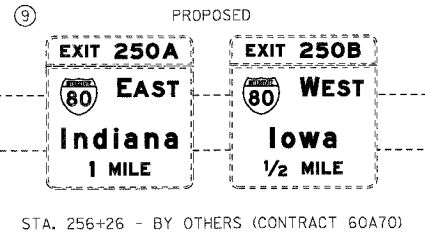
SCALE: 1"=50'
DATE: 02/23/07

DRAWN BY: MW
CHECKED BY: DDH

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

PLOT DATE = 02/23/07
 FILE NAME = 02TLE18
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = JUSER8

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL.	334	239
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



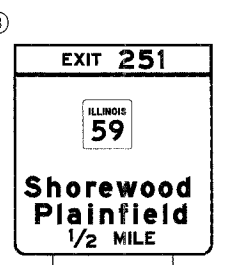
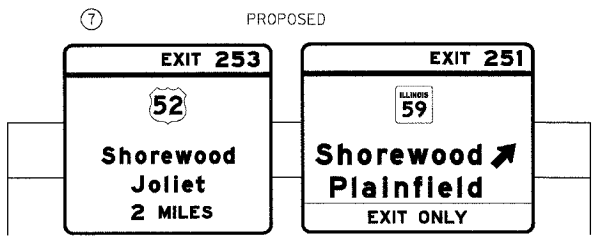
STA. 254+32
 48"X96"
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T3
 WOOD SIN SUPPORT

STA. 259+17
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T3
 WOOD SIN SUPPORT

STA. 248+84
 48"X96"
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T3
 WOOD SIN SUPPORT

EXISTING SIGN TO
 REMAIN IN PLACE

STA. 260+87
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T2
 WOOD SIN SUPPORT



STA 254+02
 EXISTING SIGN
 REMOV SIGN PANEL T3
 PROPOSED SIGN
 1G0991055R255.12
 SIGN PANEL T3
 (ON EXISTING SUPPORTS)

SIGNING LEGEND

- [Symbol] EXISTING OVERHEAD TRUSS MOUNTED SIGN
- [Symbol] PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- [Symbol] EXISTING OVERHEAD CANTILEVER SIGN
- [Symbol] PROPOSED OVERHEAD CANTILEVER SIGN
- [Symbol] EXISTING GROUND MOUNTED SIGN (1 POSTS)
- [Symbol] EXISTING GROUND MOUNTED SIGN (2 POSTS)
- [Symbol] PROPOSED GROUND MOUNTED SIGN (2 POSTS)

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

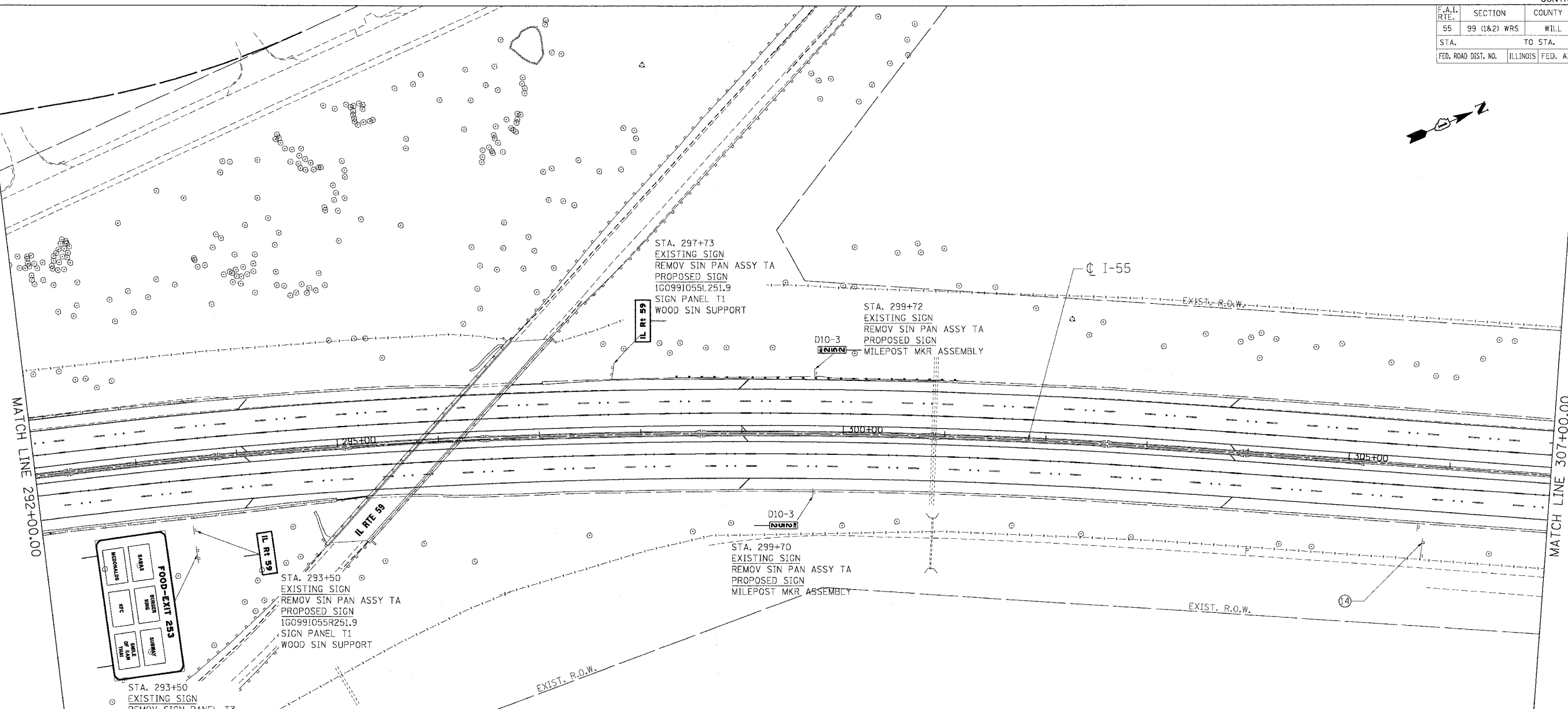
SIGNING PLAN
 FAI 55
 STA. 247+00.00 TO STA. 262+00.00

SCALE: 1"=50'
 DATE: 02/23/07
 DRAWN BY: MW
 CHECKED BY: DDH

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

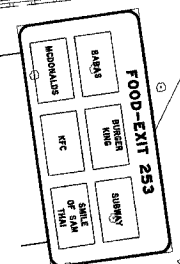
PLT DATE = 02/23/07
 FILE NAME = 05SCALE &
 PLOT SCALE = 05SCALE &
 USER NAME = 015578

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	242
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCH LINE 292+00.00

MATCH LINE 307+00.00



STA. 293+50
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
1G0991055R251.87
SIGN PANEL T3
(ON EXISTING SUPPORTS)

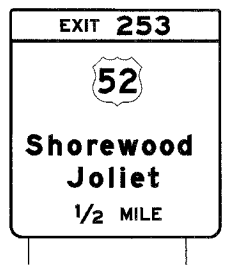
STA. 293+50
EXISTING SIGN
REMOV SIN PAN ASSY TA
PROPOSED SIGN
1G0991055R251.9
SIGN PANEL T1
WOOD SIN SUPPORT

STA. 297+73
EXISTING SIGN
REMOV SIN PAN ASSY TA
PROPOSED SIGN
1G0991055L251.9
SIGN PANEL T1
WOOD SIN SUPPORT

STA. 299+72
EXISTING SIGN
REMOV SIN PAN ASSY TA
PROPOSED SIGN
MILEPOST MKR ASSEMBLY

STA. 299+70
EXISTING SIGN
REMOV SIN PAN ASSY TA
PROPOSED SIGN
MILEPOST MKR ASSEMBLY

STA. 305+78
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
1G0991055R252.0
SIGN PANEL T3
(ON EXISTING SUPPORTS)



SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

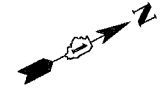
SIGNING PLAN
FAI 55
STA. 292+00.00 TO STA. 307+00.00

SCALE: 1"=50'
DATE: 02/23/07
DRAWN BY: MW
CHECKED BY: DDH

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

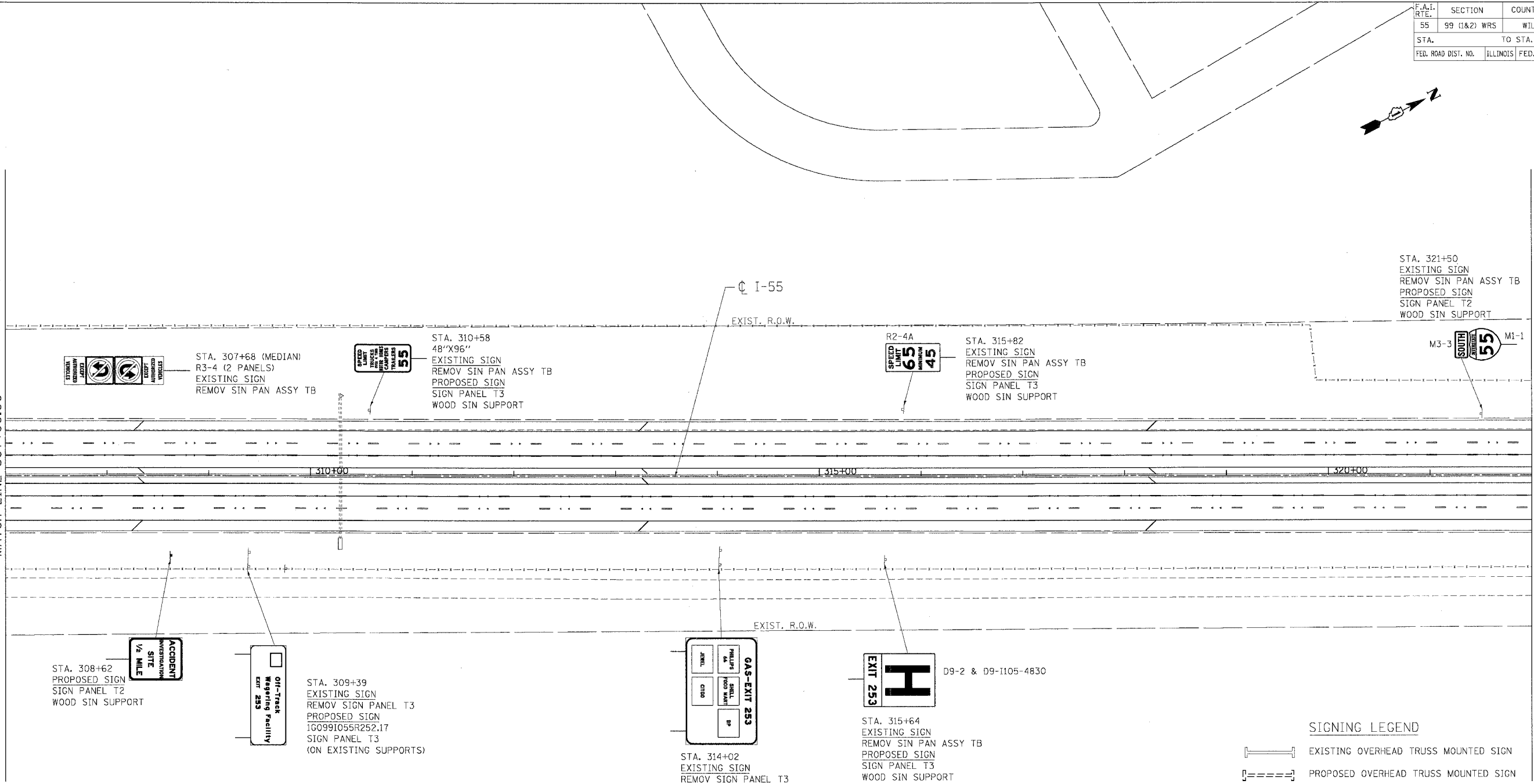
PLOT DATE = 02/23/07
 FILE NAME = 022307
 PLOT SCALE = 1/4"=1'-0"
 USER NAME = BUBERS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	243
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCH LINE 307+00.00

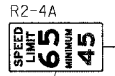
MATCH LINE 322+00.00



STA. 307+68 (MEDIAN)
R3-4 (2 PANELS)
EXISTING SIGN
REMOV SIN PAN ASSY TB



STA. 310+58
48"X96"
EXISTING SIGN
REMOV SIN PAN ASSY TB
PROPOSED SIGN
SIGN PANEL T3
WOOD SIN SUPPORT

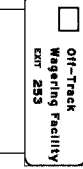


STA. 315+82
EXISTING SIGN
REMOV SIN PAN ASSY TB
PROPOSED SIGN
SIGN PANEL T3
WOOD SIN SUPPORT

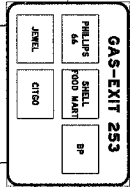


STA. 321+50
EXISTING SIGN
REMOV SIN PAN ASSY TB
PROPOSED SIGN
SIGN PANEL T2
WOOD SIN SUPPORT

STA. 308+62
PROPOSED SIGN
SIGN PANEL T2
WOOD SIN SUPPORT



STA. 309+39
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
1G0991055R252.17
SIGN PANEL T3
(ON EXISTING SUPPORTS)



STA. 314+02
EXISTING SIGN
REMOV SIGN PANEL T3
PROPOSED SIGN
1G0991055R252.26
SIGN PANEL T3
(ON EXISTING SUPPORTS)



STA. 315+64
EXISTING SIGN
REMOV SIN PAN ASSY TB
PROPOSED SIGN
SIGN PANEL T3
WOOD SIN SUPPORT

D9-2 & D9-1105-4830

SIGNING LEGEND

- EXISTING OVERHEAD TRUSS MOUNTED SIGN
- PROPOSED OVERHEAD TRUSS MOUNTED SIGN
- EXISTING OVERHEAD CANTILEVER SIGN
- PROPOSED OVERHEAD CANTILEVER SIGN
- EXISTING GROUND MOUNTED SIGN (1 POSTS)
- EXISTING GROUND MOUNTED SIGN (2 POSTS)
- PROPOSED GROUND MOUNTED SIGN (2 POSTS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

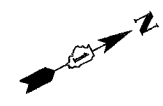
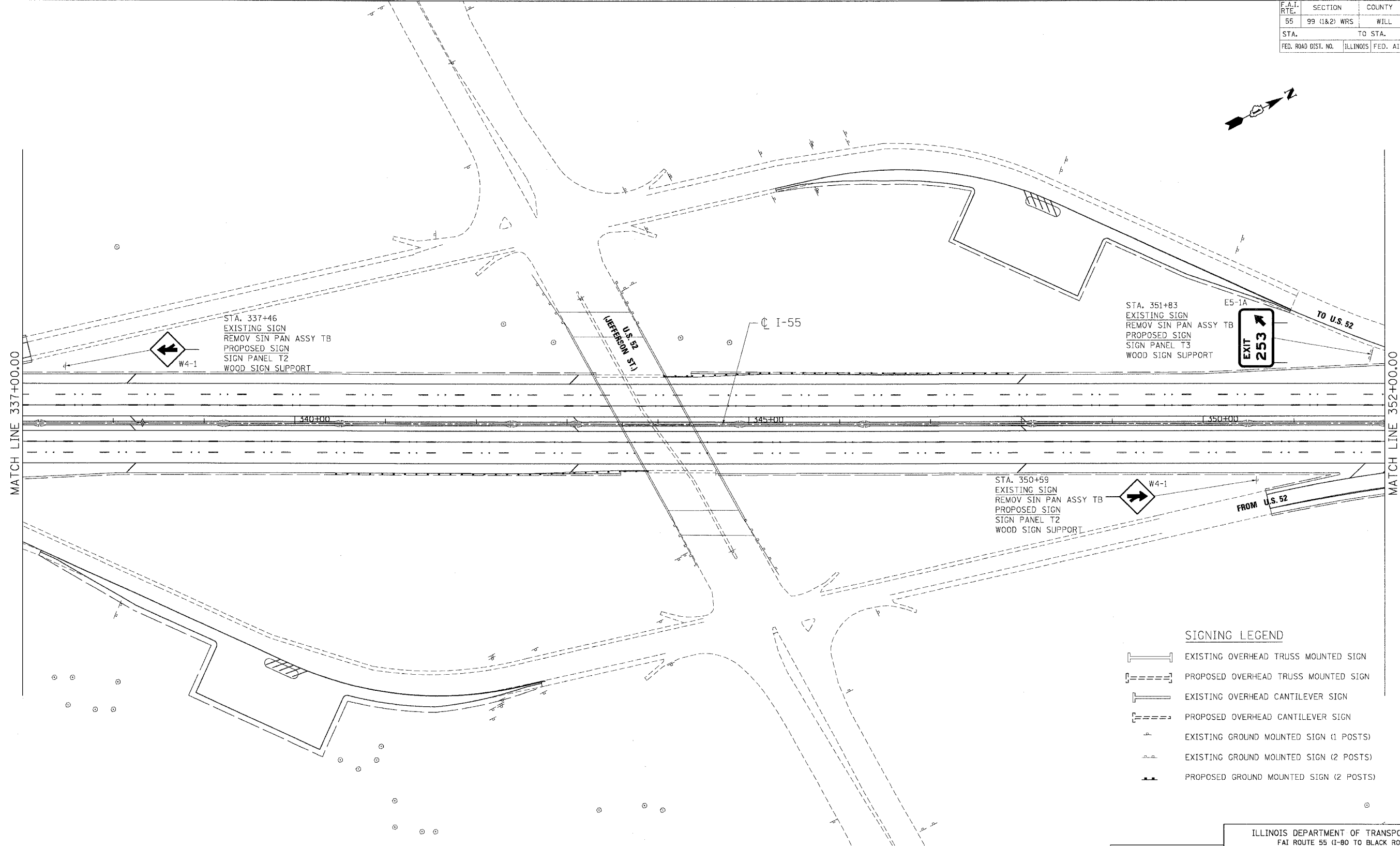
SIGNING PLAN
FAI 55
STA. 307+00.00 TO STA. 322+00.00

SCALE: 1"=50'
DATE: 02/23/07
DRAWN BY: MW
CHECKED BY: DDH

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

PLOT DATE = 02/23/07
 FILE NAME = 022307.DWG
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = ddh

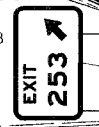
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	245
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	










STA. 337+46
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T2
 WOOD SIGN SUPPORT

STA. 351+83
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T3
 WOOD SIGN SUPPORT

STA. 350+59
 EXISTING SIGN
 REMOV SIN PAN ASSY TB
 PROPOSED SIGN
 SIGN PANEL T2
 WOOD SIGN SUPPORT



SIGNING LEGEND

-  EXISTING OVERHEAD TRUSS MOUNTED SIGN
-  PROPOSED OVERHEAD TRUSS MOUNTED SIGN
-  EXISTING OVERHEAD CANTILEVER SIGN
-  PROPOSED OVERHEAD CANTILEVER SIGN
-  EXISTING GROUND MOUNTED SIGN (1 POSTS)
-  EXISTING GROUND MOUNTED SIGN (2 POSTS)
-  PROPOSED GROUND MOUNTED SIGN (2 POSTS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55 (I-80 TO BLACK ROAD)
 WIDENING AND RESURFACING

SIGNING PLAN
FAI 55
STA. 337+00.00 TO STA. 352+00.00

SCALE: 1"=50'
 DATE: 02/23/07

DRAWN BY: MW
 CHECKED BY: DDH

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

PLOT DATE: 02/23/07
 FILE NAME: S:\PROJECTS\62895\62895_0245.DWG
 PLOT SCALE: 1"=50'
 USER NAME: MUSER

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	250
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL
1:50

SIGN NUMBER	1G0991055L249.0
WIDTH x HGHT.	10'-0" x 5'-0"
BORDER WIDTH	1"
CORNER RADIUS	8"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Brown
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_exp_recreational.asi
Dimensions are in inches,tenths Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
R	i	v	e	r	b	o	a	t				EM107.5
40.1	51.3	56.1	65.5	75.1	82.3	90.8	99.6	108.8			73.7	
C	a	s	i	n	o							EM107.5
40.1	50.7	59.9	69.3	75	84.5						51	
E	X	I	T	2	4	8						ES,E10
40.1	47.6	56.2	59.2	77.1	87.1	98.4					68.3	

SIGN DETAIL
1:50

SIGN NUMBER	1G0991055L249.06
WIDTH x HGHT.	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Blue
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_fwy_motor-serv.asi
Dimensions are in inches,tenths Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
F	O	O	D	-	E	X	I	T	2	4	8	EM10
29	38.4	45.7	59.6	70.1	80.2	89.6	100.3	104.4	111.7	121.7	131.7	122.1

SIGN DETAIL
1:50

NOTE:
USE THIS PANEL DETAIL FOR
SIGN NUMBER 1G0991055L249.1

SIGN NUMBER	1G0991055R249.1
WIDTH x HGHT.	9'-6" x 3'-6"
BORDER WIDTH	1.75"
CORNER RADIUS	6"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT

Panel Style:guide_exp_pull-thru.asi
Dimensions are in inches,tenths Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE		
I	l	l	i	n	o	i	a	a	n	d		EM86	
21.2	26.1	30.6	35.1	39.6	47.3	55	58.8	63.9	71.9	80.1	87.6	71.5	
M	i	e	h	i	g	a	n	C	a	n	a	l	EM86
8.5	19	23	30.6	38.8	42.8	50.4	58.5	63.6	71.6	80.1	88.3	95.9	104

SIGN DETAIL
1:50

SIGN NUMBER	1G0991055L249.21
WIDTH x HGHT.	12'-0" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White /Pure White

SYMBOL	X	Y	WID	HT
MI_4	53.7	86	36	36

Panel Style:IDOTGROUND.asi
Dimensions are in inches,tenths Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
E	X	I	T	2	4	8					EM12,EM15
85.2	46.5	59.4	64.2	88	103.1	120					96.8
J	o	l	i	e	t						EM16/12
36.2	53.6	69	78.1	86.1	99.7						71.5
M	o	r	r	i	s						EM16/12
33.6	54	69.5	81	92.4	100						76.4
34	M	I	L	E							EM15,EM12
31.9	71.9	86	91.5	102.7							79.6

PLOT DATE = 02/23/07
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#
 S:\DOCUMENT\022307\022307\CIVIL\CONNSIGNS\62895\021.SHT
 V:\SHINKZ

REVISIONS	
NAME	DATE

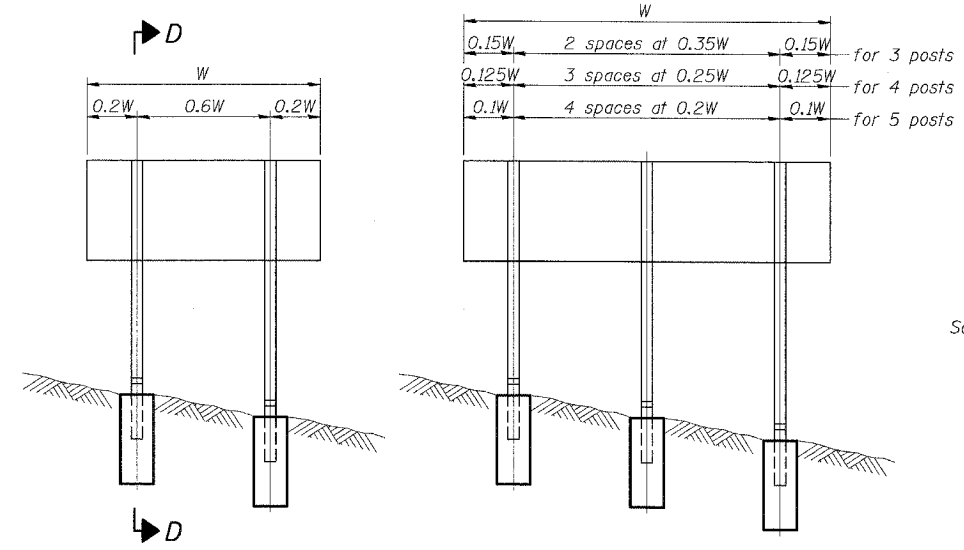
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

SIGN PANEL DETAILS
I

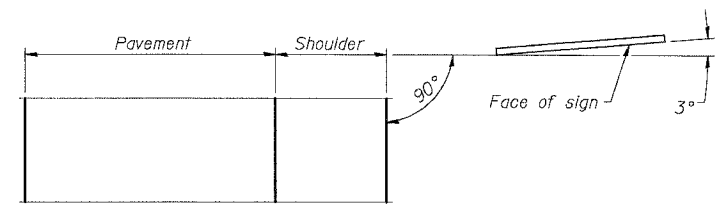
SCALE: N.T.S. DRAWN BY MW
DATE: 02/23/07 CHECKED BY DDH

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

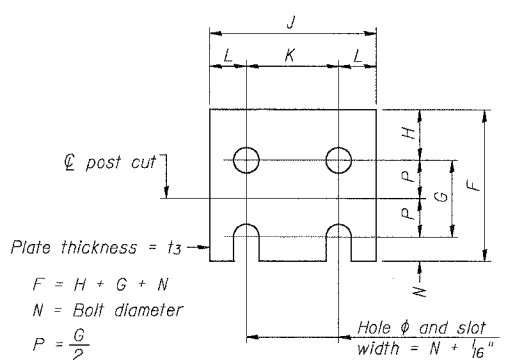
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	255
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



ELEVATION

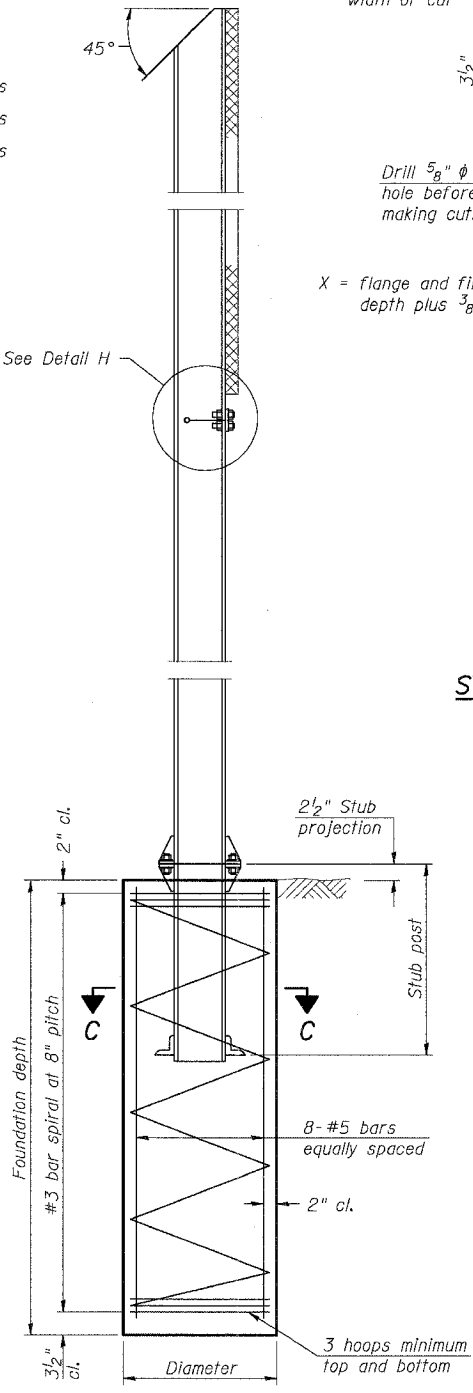


LOCATION SKETCH

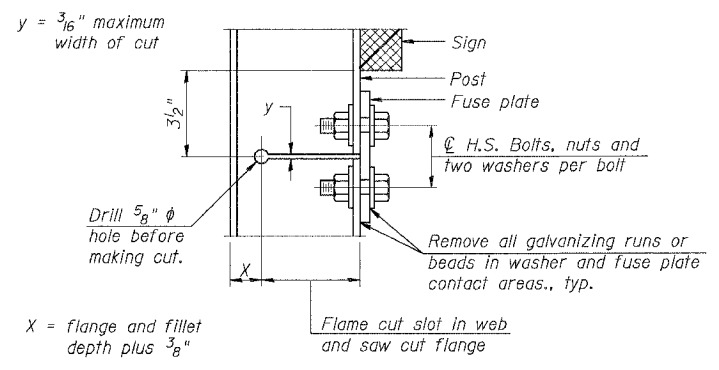


FUSE PLATE DETAIL
(Install with notches down.)

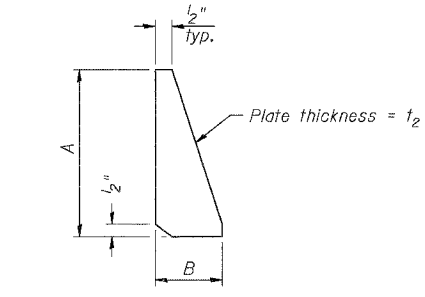
N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"



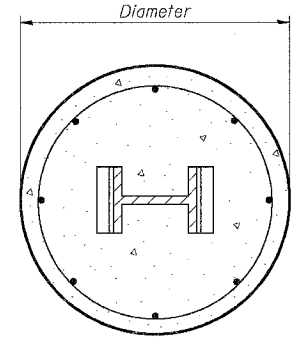
SECTION D-D



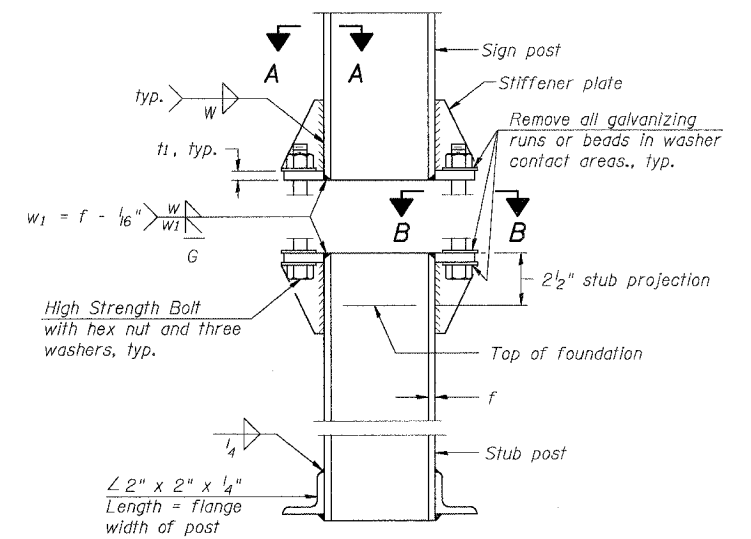
DETAIL H



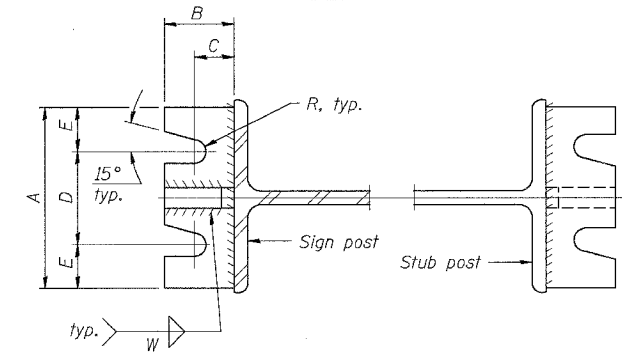
STIFFENER PLATE DETAIL
(See table for dimensions.)



SECTION C-C

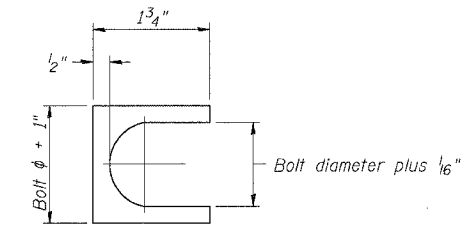


ELEVATION
SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM DETAIL

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 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

**BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS**

SCALE: DATE 02/23/07 DRAWN BY AG CHECKED BY

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

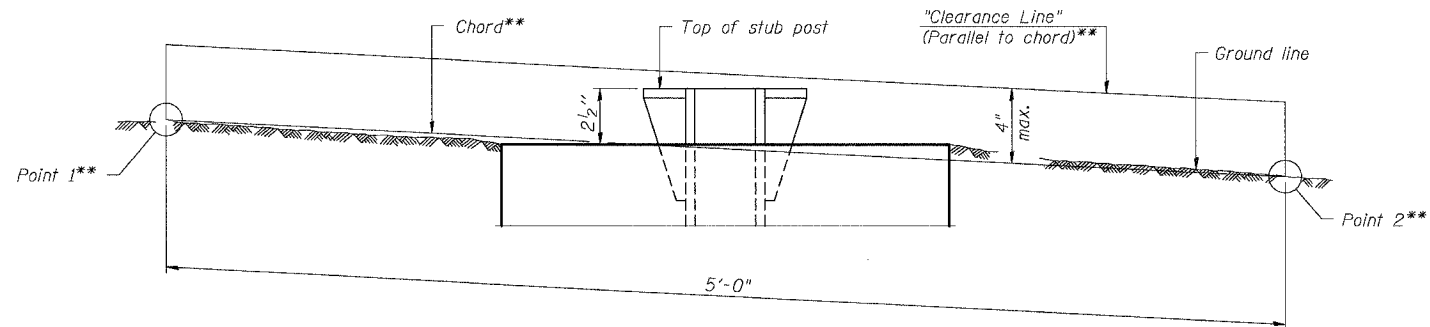
PLOT DATE = 02/23/07 FILE NAME = BAW-A-1 PLOT SCALE = 1/8"=1'-0" USER NAME = BJEF00
 S:\DOCUMENT\62895\62895\DRAWING\62895\BAW-A-1.DWG
 2-28-2007 10:17:03

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	256
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation		Concrete (1) cu. yds.)	Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t1	t2	R	W	J	K	L	t3	
	Diameter	Minimum Depth		Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length																lbs. (2)
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	5/32"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	5/32"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	5/32"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	5/32"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	5/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*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	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"	5/8" x 2"
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"
W16x45	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"



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 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING

**BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES**

SCALE: DRAWN BY AG
DATE 02/23/07 CHECKED BY

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

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#
 S:\DOCUMENTS\22361581\CIVIL\JOBAN\60961\BAW256.DWG
 VAPSHMZ
 2-28-2007 10:17:50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	257
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BENCHMARK:

TBM#1 Top of a large nail set in the east face of power pole on west side of West Frontage Rd. near Interstate 55 Sta. 116+00. El. 595.91 (NGVD 29 Vertical Datum)

SALVAGE:

None.

STAGING:

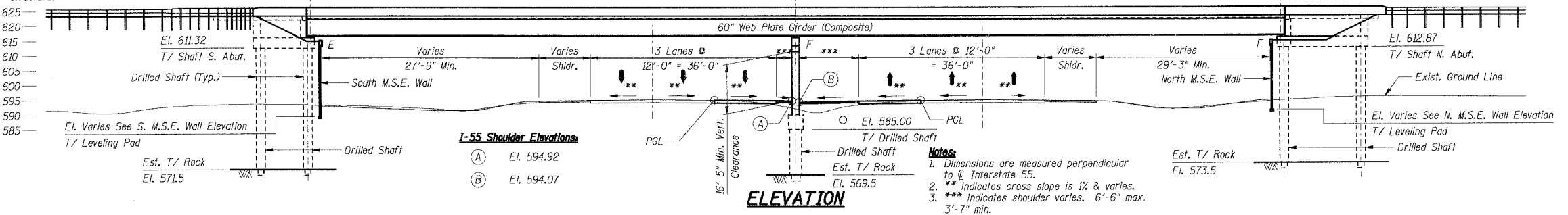
Traffic will be maintained on existing NB IL 59 Exit Ramp Bridge (S.N. 099-0030).

ELEVATIONS SHOWN ON SHEETS 257 THRU 262 ARE BASED ON NGVD 29 VERTICAL DATUM, WHILE ALL OTHER CONTRACT 62895 ELEVATIONS ARE BASED ON NAVD 88 VERTICAL DATUM. ELEVATIONS SHOWN ON SHEETS 257 THRU 262 MUST BE CONVERTED TO NAVD 88 VERTICAL DATUM BY SUBTRACTING 0.31 FEET FROM ELEVATIONS DENOTED.

FOR EXAMPLE:
ON SHT. 257 @ BRG. PIER, STA. 8021+09.68, EL. 623.44 (NGVD 29)
CONVERT: EL. 623.44 (NGVD 29)
- 0.31
EL. 623.13 (NAVD 88)
USE EL. 623.13

EXISTING STRUCTURE:

S.N. 099-0030 Four span, 269'-8" back to back of abutments, continuous steel multi-beam bridge on multi-column concrete piers and open abutments. 26' between barriers. Existing structure is approximately 2500' north of proposed structure.



DESIGN SPECIFICATIONS:
1996 AASHTO Standard Specifications for Highway Bridges 1997 thru 2002 Interim Specifications.

DESIGN LOADING:
Roadway Live Load: HS 20-44
Future Wearing Surface = 50 psf

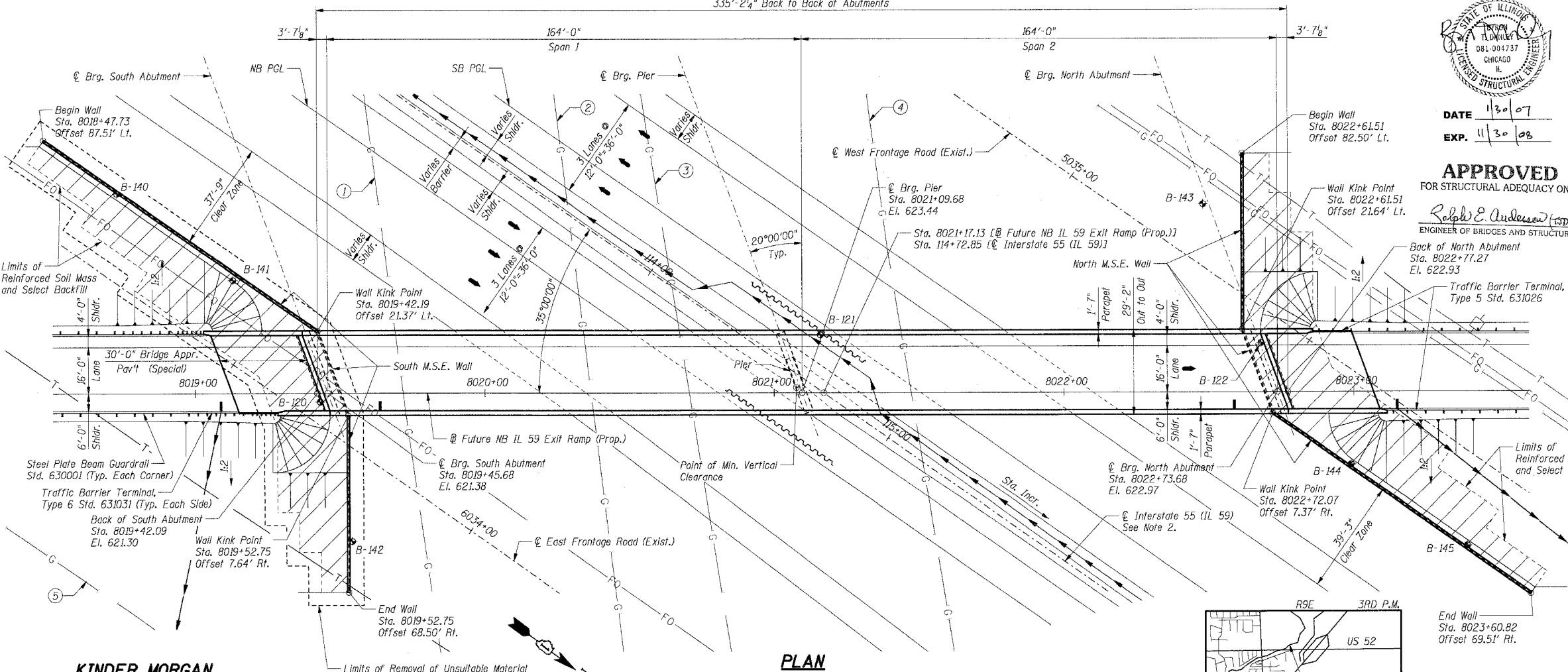
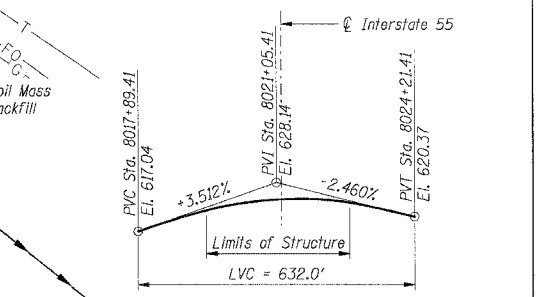
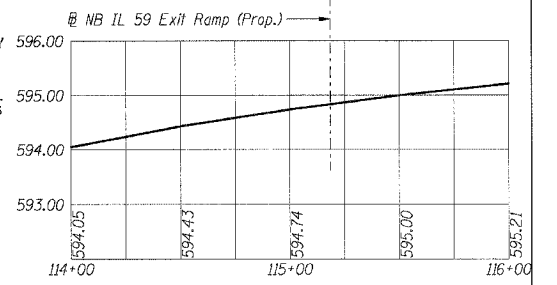
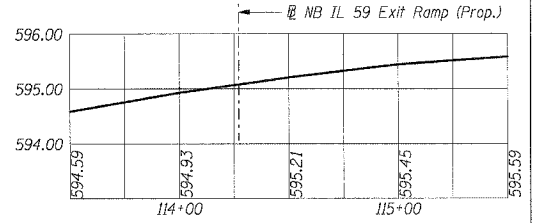
DESIGN STRESSES:
Concrete, f'c = 3,500 psi
Reinforcement, fy = 60,000 psi
Structural Steel, fy = 50,000 psi (M 270 Grade 50)

SEISMIC DATA:
Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.04g
Site Coefficient (S) = 1.0



DATE 11/30/07
EXP. 11/30/08

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
S. E. Anderson (P.E.)
ENGINEER OF BRIDGES AND STRUCTURES



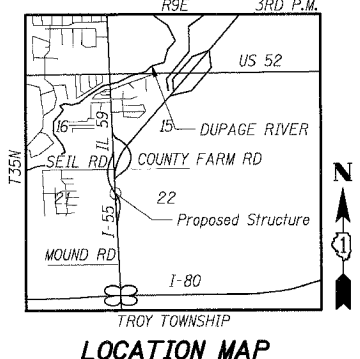
KINDER MORGAN GAS PIPELINES

ID	DESIGNATION	DIAMETER
1	GC #1	30"
2	AM #4	36" w/ 42" casing under roadway
3	AM #2	24"
4	GC #3	36"
5	GC #2	36"

Notes:

- Center pier shall be constructed under this contract. Abutments, superstructure, approach embankments, bridge approach pavements and guardrails will be constructed by others under a separate future contract.
- Center pier shall be constructed based on alignment defined as @ Future NB IL 59 Exit Ramp (Prop.). For alignment sketch and control points, see Sht. 2 of 6.

- LEGEND**
- B-0 Soil Boring Location
 - T Telephone Line
 - G Gas Line
 - FO Fiber Optic Line
 - Electrical Pole
 - Storm Sewer
 - Drainage Scupper or Inlet
 - Temporary Soil Retention System



SHT. 1 OF 6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING
IL ROUTE 59 OVER I-55, S.N. 099-4642
STA. 8021+17.13, SECTION 26H3-1BR & 114R-1
WILL COUNTY

GENERAL PLAN & ELEVATION

SCALE: DATE 02/23/07 DRAWN BY TMH CHECKED BY MJK



PLOT DATE = 02/23/07
 FILE NAME = S:\PROJECTS\62895\STRUCT\JOBIN\62895\62895.DWG
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = SIBERIS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	258
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

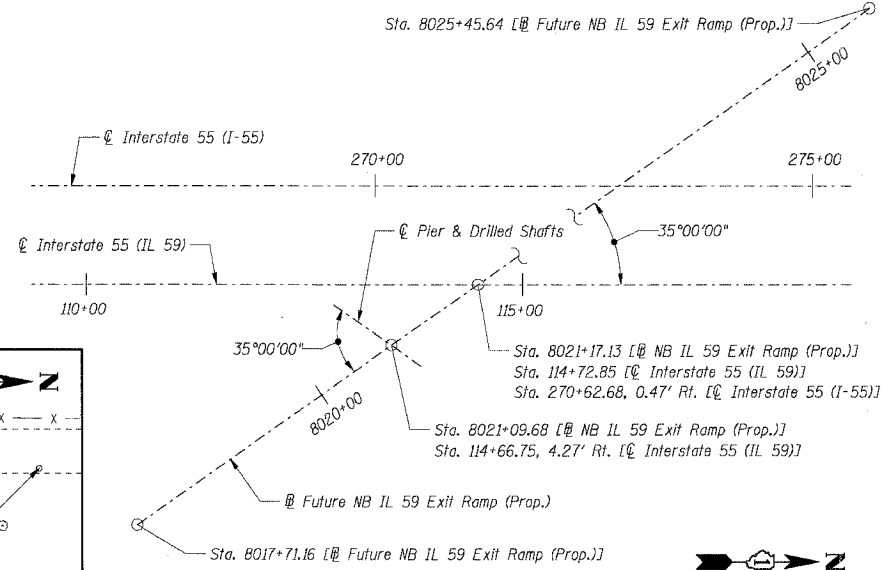
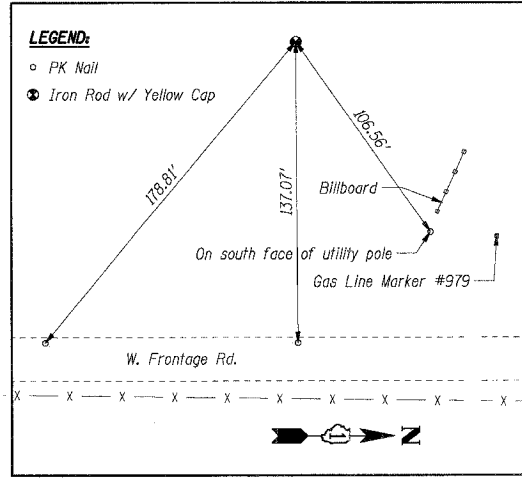
1. Reinforcement Bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch. Adjustment shall be made by grinding the surface.
4. Concrete Sealer shall be applied to the designated areas of the pier.

INDEX OF SHEETS

- 1 GENERAL PLAN AND ELEVATION
- 2 GENERAL NOTES, INDEX OF SHEETS; AND TOTAL BILL OF MATERIAL
- 3 SUBSTRUCTURE LAYOUT; DRILLED SHAFT DETAILS AND SCHEDULE
- 4 PIER
- 5 SOIL BORING LOGS 1
- 6 SOIL BORING LOGS 2

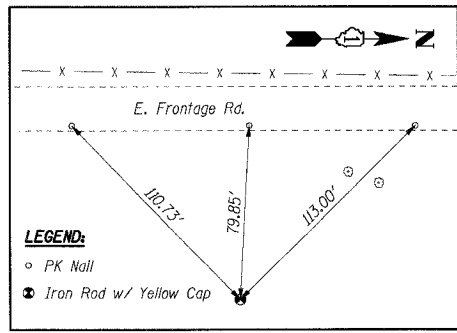
BILL OF MATERIAL - S.N. 099-4642

Item	Unit	Sub	Super	Total
Structure Excavation	Cu Yd	58	-	58
Concrete Structures	Cu Yd	60.2	-	60.2
Reinforcement Bars	Lbs	7,110	-	7,110
Reinforcement Bars, Epoxy Coated	Lbs	18,720	-	18,720
Temporary Soil Retention System	Sq Ft	382	-	382
Name Plates	Each	1	-	1
Drilled Shaft in Soil	Cu Yd	27.3	-	27.3
Drilled Shaft in Rock	Cu Yd	3.0	-	3.0
Concrete Sealer	Sq Ft	1,028	-	1,028



ALIGNMENT CONTROL POINT - STA. 8025+45.64

At Sta. 274+12.62, 245.34' Lt. [I-55]



INTERSTATE 55 (IL 59) ALIGNMENT SKETCH

(NOT TO SCALE)

ALIGNMENT CONTROL POINT - STA. 8017+71.16

At Sta. 267+79.31, 198.89' Rt. [I-55]

ELEVATIONS SHOWN ON SHEETS 257 THRU 262 ARE BASED ON NGVD 29 VERTICAL DATUM, WHILE ALL OTHER CONTRACT 62895 ELEVATIONS ARE BASED ON NAVD 88 VERTICAL DATUM. ELEVATIONS SHOWN ON SHEETS 257 THRU 262 MUST BE CONVERTED TO NAVD 88 VERTICAL DATUM BY SUBTRACTING 0.31 FEET FROM ELEVATIONS DENOTED.

FOR EXAMPLE:
ON SHT. 257 [C BRG. PIER, STA. 8021+09.68, EL. 623.44 (NGVD 29)]
CONVERT: EL. 623.44 (NGVD 29)
- 0.31
EL. 623.13 (NAVD 88)
USE EL. 623.13

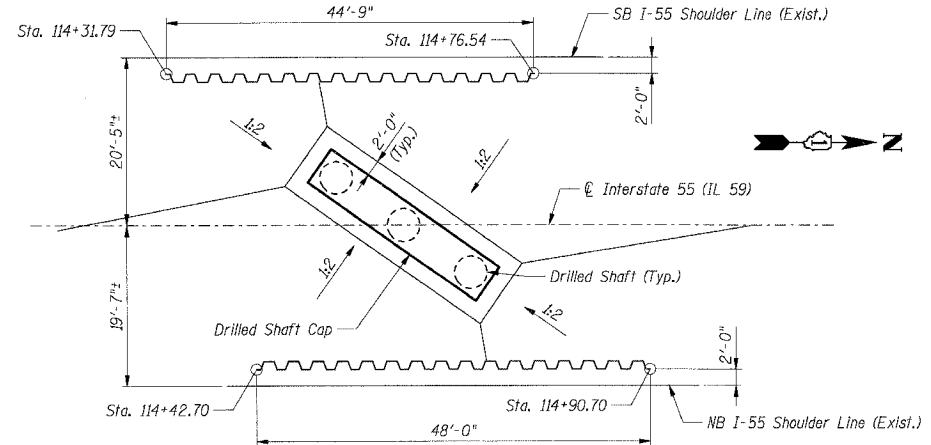
FUTURE NB IL 59 EXIT RAMP (PROP.) ALIGNMENT CONTROL POINTS

(See Note 2)

Alignment	Station	Offset	Northing	Easting
NB IL 59 Exit Ramp (Prop.)	8017+71.16	0.00	1761260.12	1021501.93
NB IL 59 Exit Ramp (Prop.)	8025+45.64	0.00	1761880.44	1021038.37

Notes:

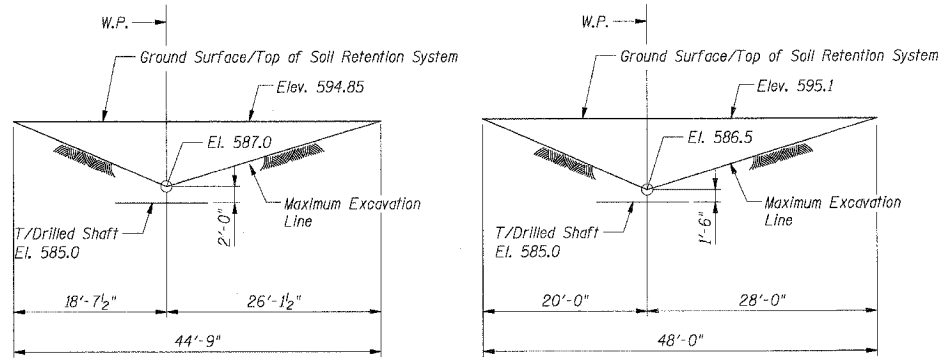
1. Interstate 55 Stations shown on Sheets 257 thru 262 are based on the alignment defined on this sheet and denoted as I-55 (IL 59), while all other Contract 62895 Interstate 55 stations are based on the alignment defined on sheets 34 thru 42 and denoted as I-55 (I-55) on this sheet.
2. Northings and Eastings indicated are based on the horizontal control system for this contract (Contract 62895).



TEMPORARY SOIL RETENTION SYSTEM PLAN

LEGEND:

Temporary Soil Retention System



AT SB I-55 (Looking West)

AT NB I-55 (Looking East)

TEMPORARY SOIL RETENTION SYSTEM ELEVATIONS

A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

STATION 114+72.85
BUILT 20__ BY
STATE OF ILLINOIS
F.A.I. RT. 55 SEC. 26HB-1BR & 114R-1
LOADING HS20
STR. NO. 099-4642

NAME PLATE

See Std. 515001
See Sht. 4 of 6 for location.

SHT. 2 OF 6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING
IL ROUTE 59 OVER I-55, S.N. 099-4642
STA. 8021+17.13, SECTION 26HB-1BR & 114R-1
WILL COUNTY

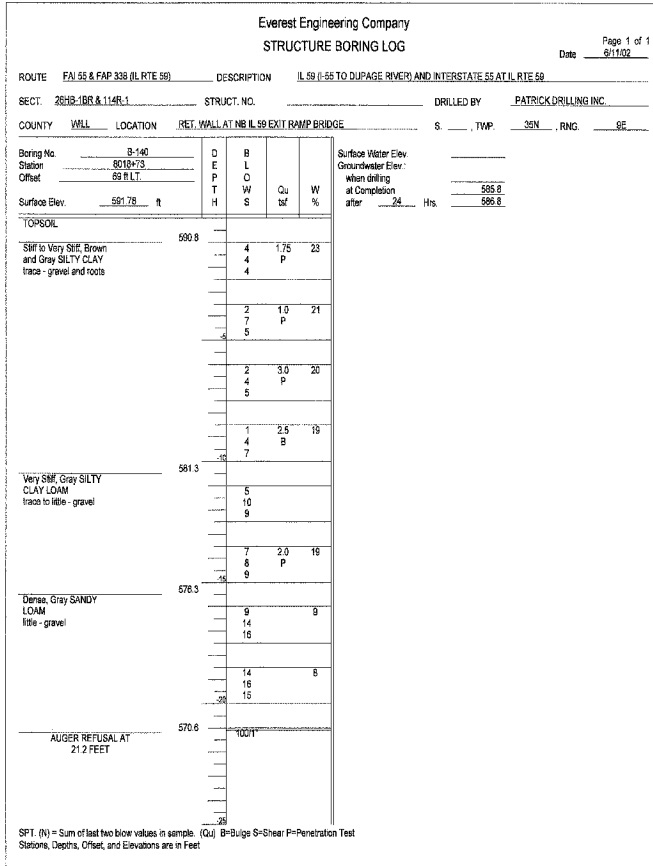
GENERAL NOTES, INDEX OF SHEETS & TOTAL BILL OF MATERIAL

SCALE: DRAWN BY TMH
DATE 02/23/07 CHECKED BY MJK

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

PLOT DATE = 02/23/07
 PLOT SCALE = AS SHOWN
 USER NAME = MJB
 \\GENRYS\WORK\2007\0223\PROJECT\DRAWING\0223\0223.DWG
 2-28-2007 10:17:33
 S:\DOCUMENT\0223\0223\PROJECT\DRAWING\0223\0223.DWG

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	262
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	263
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BAR LIST

Bar	No.	Size	Length	Shape
d(E)	44	#5	2'-1"	
h(E)	16	#4	16'-3"	
s(E)	34	#4	7'-5"	

TOTAL BILL OF MATERIAL

Item	Unit	Total
Concrete Structures	Cu Yd	4.6
Reinforcement Bars, Epoxy Coated	Lb	440
** Concrete Sealer	Sq Ft	183

** Quantity includes top and side surfaces of new concrete.

GENERAL NOTES

1. 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.
2. All construction joints shall be bonded.



DATE 11/30/07
EXP. 11/30/08

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING
IL ROUTE 59 OVER I-55, S.N. 099-0030
STA. 140+25.25, SECTION 99 (1&2) WRS
WILL COUNTY

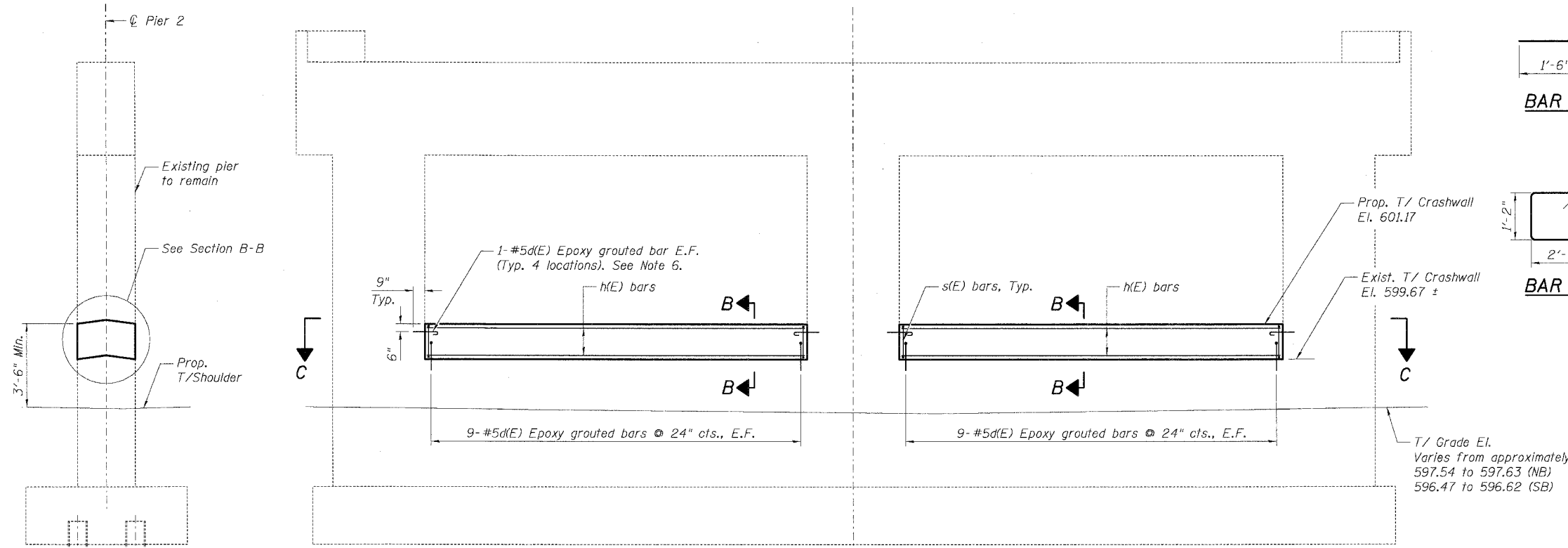
PIER 2

SCALE: DATE 02/23/07 DRAWN BY PA CHECKED BY MJK
TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

SHT. 1 OF 1

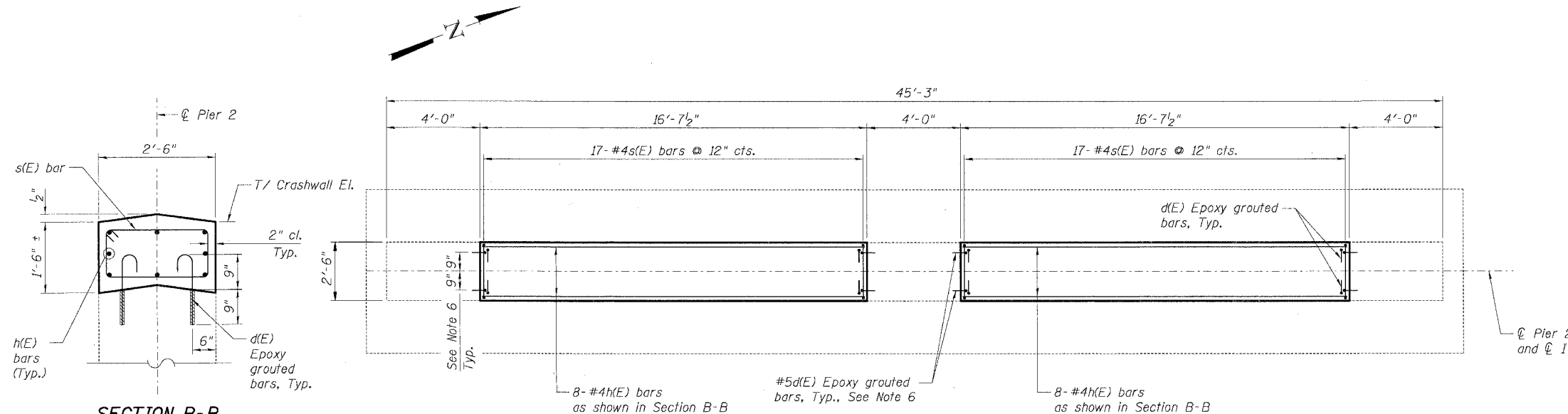
REVISIONS	
NAME	DATE

MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS



PIER 2 ELEVATION
(Looking East, West Elev. Similar)

TYPICAL SECTION



PLAN SECTION C-C

SECTION B-B

- Notes:**
1. E.F. denotes Each Face.
 2. All edges shall have 3/4" chamfer unless noted otherwise.
 3. Bars designated (E) shall be epoxy coated.
 4. Minimum embedment depth of 9" shall be provided for epoxy grouted bars.
 5. Epoxy grouted bars shall be in accordance with Article 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
 6. Contractor shall ensure that vertical bars in pier columns are not damaged. Any damage to existing vertical bars in pier columns shall be repaired. Repairs shall be made as directed by the Engineer.

PLOT DATE = 02/23/07
 FILE NAME = 022307.PLT
 PLOT SCALE = AS CALLED
 USER NAME = mjg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL.	334	264
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

BAR LIST

Bar	No.	Size	Length	Shape
d(E)	48	#5	2'-4"	—
d1(E)	124	#5	1'-10"	—
h(E)	48	#5	20'-0"	—
h2(E)	8	#4	12'-3"	—
h3(E)	8	#4	13'-0"	—
s(E)	56	#4	8'-11"	—
u(E)	12	#5	9'-0"	—
v(E)	108	#5	5'-9"	—

TOTAL BILL OF MATERIAL

Item	Unit	Total
Structure Excavation	Cu Yd	4
Concrete Structures	Cu Yd	21.4
Reinforcement Bars, Epoxy Coated	Lb	2,770
Concrete Sealer	Sq Ft	1,143

** Quantity includes top and side surfaces of new concrete.



DATE 11 30 07
EXP. 11 30 08

GENERAL NOTES

- 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.
- All construction joints shall be bonded.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAT ROUTE 55 (I-80 TO BLACK ROAD)
WIDENING AND RESURFACING
US 52 OVER I-55, S.N. 099-0139
STA. 699+73.55, SECTION 99 (1&2) WRS
WILL COUNTY

PIER 2

SCALE: DATE 02/23/07 DRAWN BY KK CHECKED BY MJK

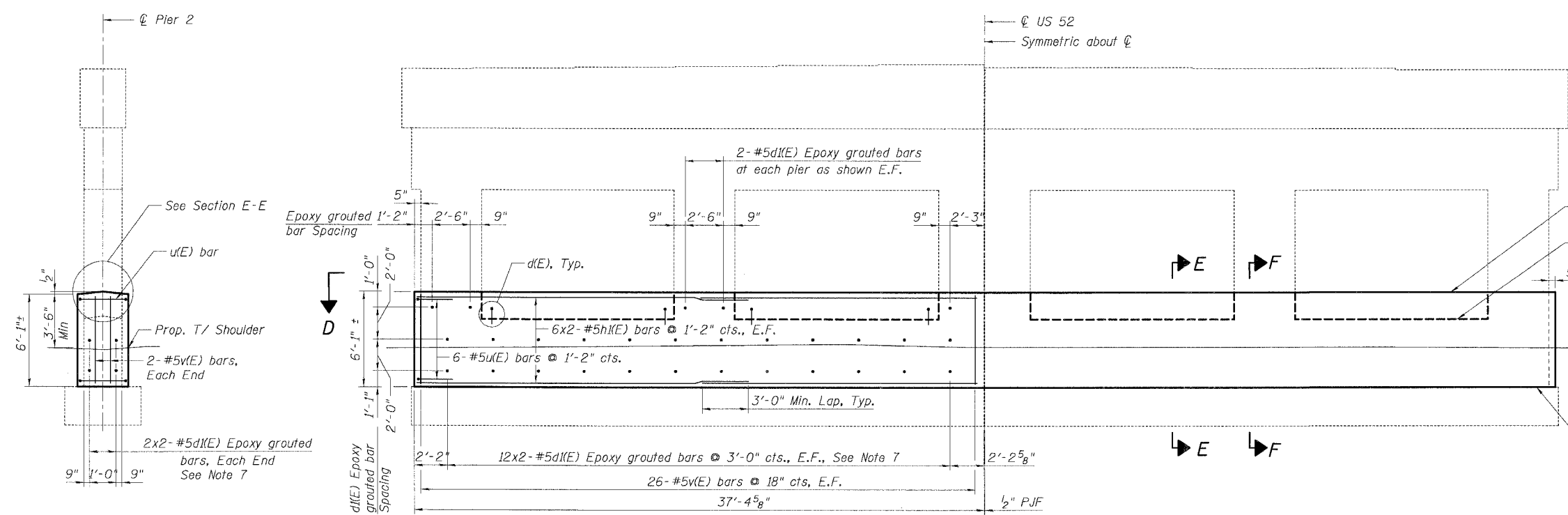


TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

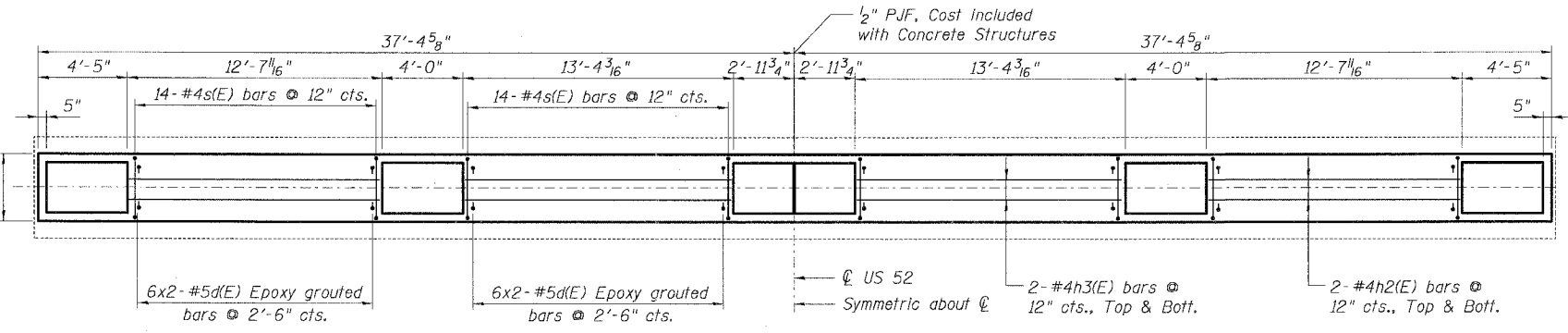
SHT. 1 OF 1

REVISIONS	
NAME	DATE

MORCOM, N.V., INC.
CONSULTING ENGINEERS
CHICAGO, ILLINOIS

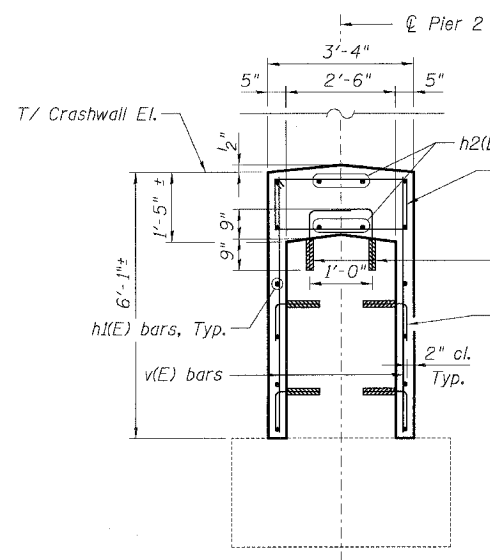
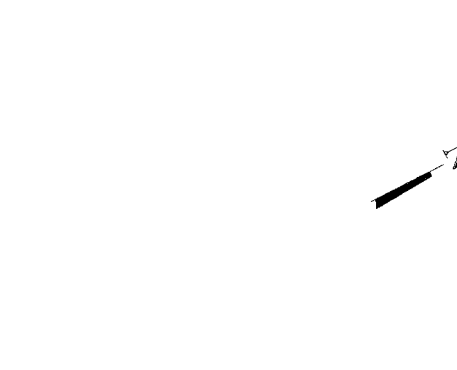


ELEVATION

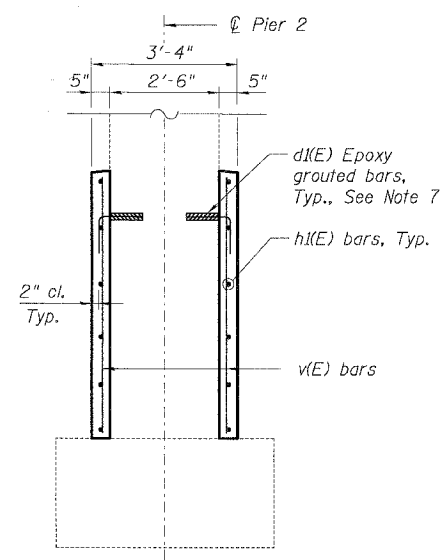


PLAN SECTION D-D

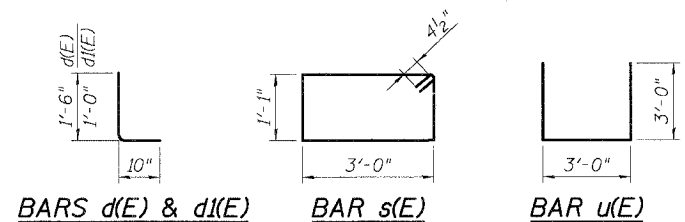
END VIEW



SECTION E-E
(between columns)



SECTION F-F
(at columns)

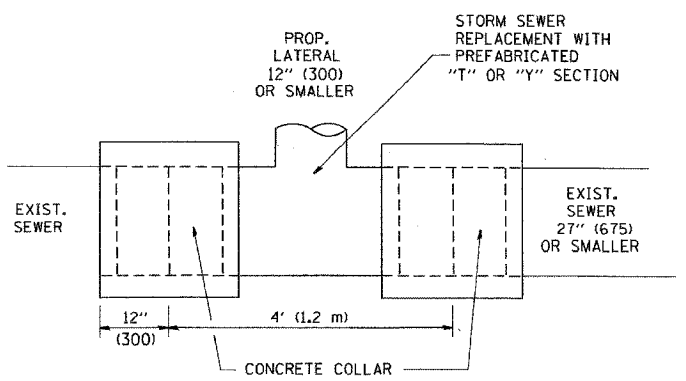


Notes:

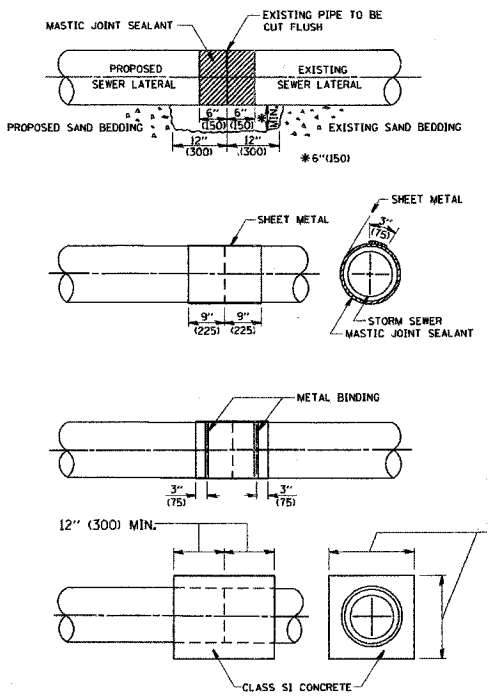
- E.F denotes Each Face.
- All edges shall have 3/4" chamfer unless noted otherwise.
- Bars designated (E) shall be epoxy coated.
- Bars indicated thus 3x2-#5 etc. indicates 3 lines of bars with 2 lengths per line.
- Minimum embedment depth of 9" shall be provided for epoxy grouted bars.
- Epoxy grouted bars shall be in accordance with Article 584 of the Standard Specifications. Cost included with Reinforcement Bars, Epoxy Coated.
- Contractor shall ensure that vertical bars in pier columns are not damaged. Any damage to existing vertical bars in pier columns shall be repaired. Repairs shall be made as directed by the Engineer.

PLOT DATE = 02/23/07
 FILE NAME = 022307.DWG
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = MJK

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (142) WRS	WILL	384	265
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

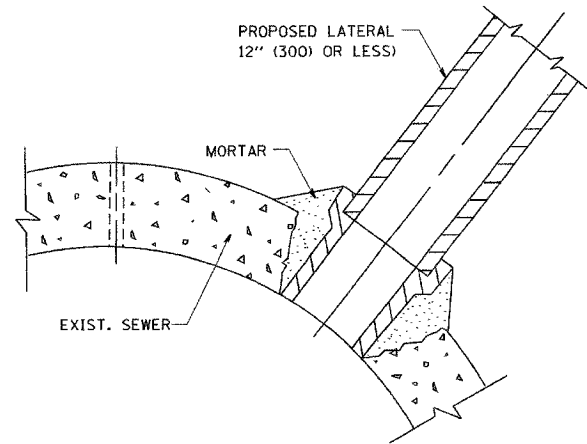


DETAIL "A"
LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"
CLASS SI CONCRETE COLLAR

- CONSTRUCTION SEQUENCE**
- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
 - APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
 - BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
 - CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
 - WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
 - LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
 - PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
 - WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
 - PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"
PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

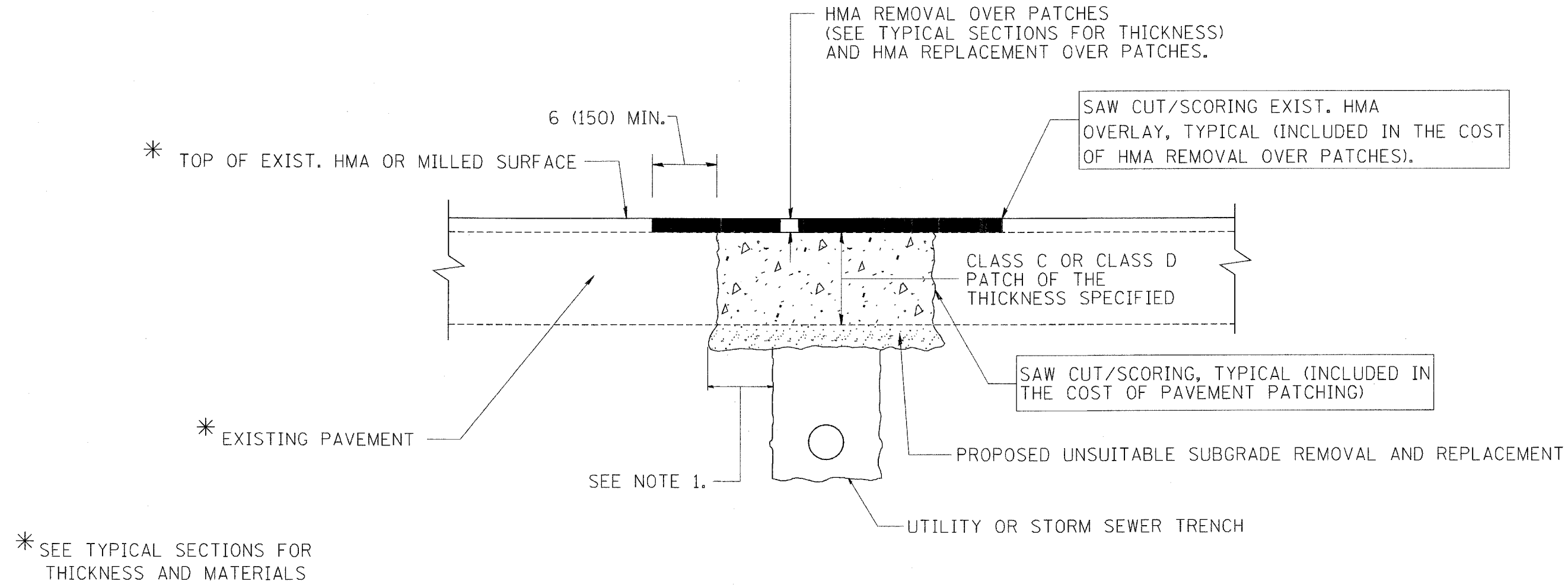
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

SCALE: VERT. HORIZ. DATE: 1/18/2007

DRAWN BY CHECKED BY
BD500-01 (BD-7)
REVISION DATE: 01/01/07

PLOT DATE = 1/18/2007
FILE NAME = I:\projects\stata\stata\bd07.dgn
PLOT SCALE = 86.8888 / IN.
USER NAME = drvelocan

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1#2) WRS	WILL	334	266
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

REVISIONS	
NAME	DATE
R. SHAH	10/25/94
R. SHAH	01/14/95
R. SHAH	03/23/95
R. SHAH	04/24/95
A. HOUSEH	03/15/96
A. ABBAS	03/21/97
A. ABBAS	01/20/98
ART ABBAS	04/27/98
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

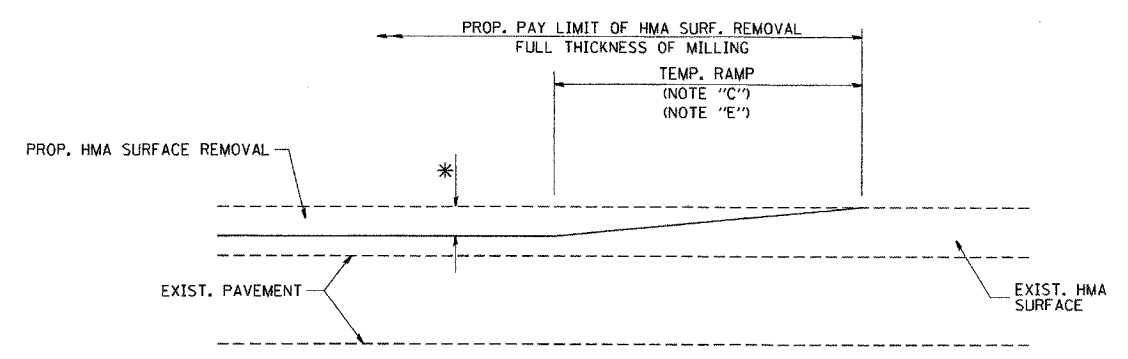
SCALE: VERT. NONE
HORIZ. 1/8" = 1'-0"

PLLOT DATE: 1/18/2007

DRAWN BY
CHECKED BY
BD400-04 (BD-22)
REVISION DATE: 01/01/07

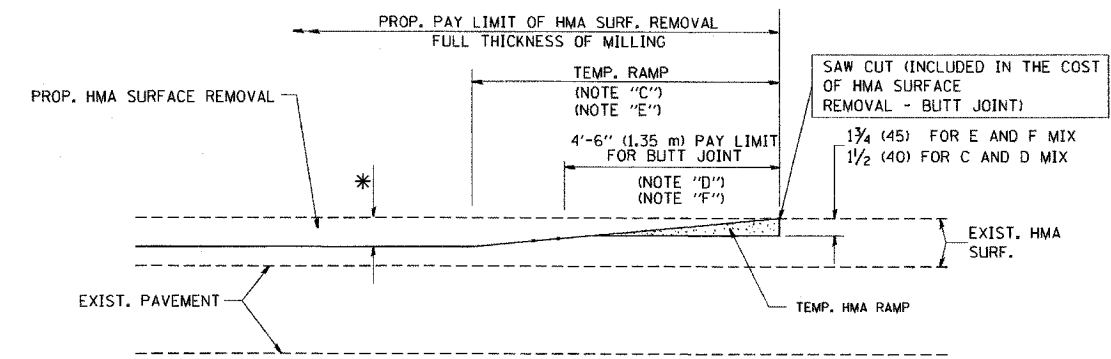
PLOT DATE = 1/18/2007
FILE NAME = c:\pvc\pava\asstd\bd2.dgn
PLOT SCALE = 80.000 / 1"
USER NAME = brvckosgn

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1#?) WRS	WILL.	334	267
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

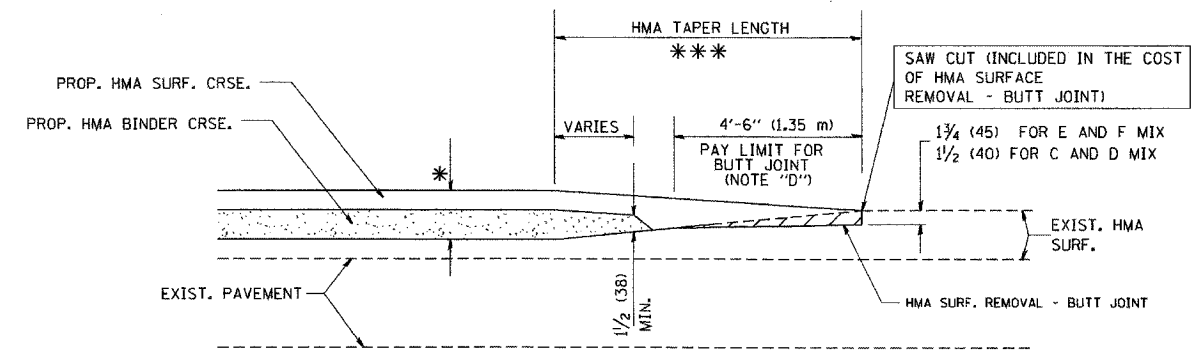
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

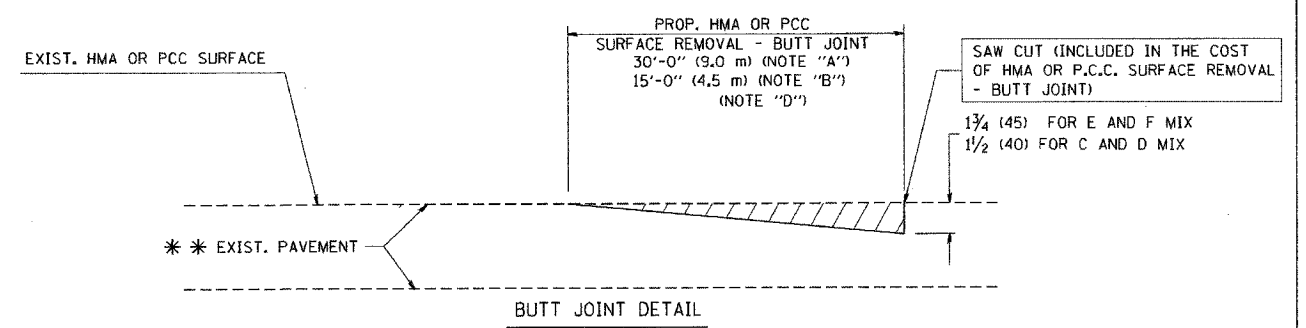
OPTION 2

TYPICAL TEMPORARY RAMP

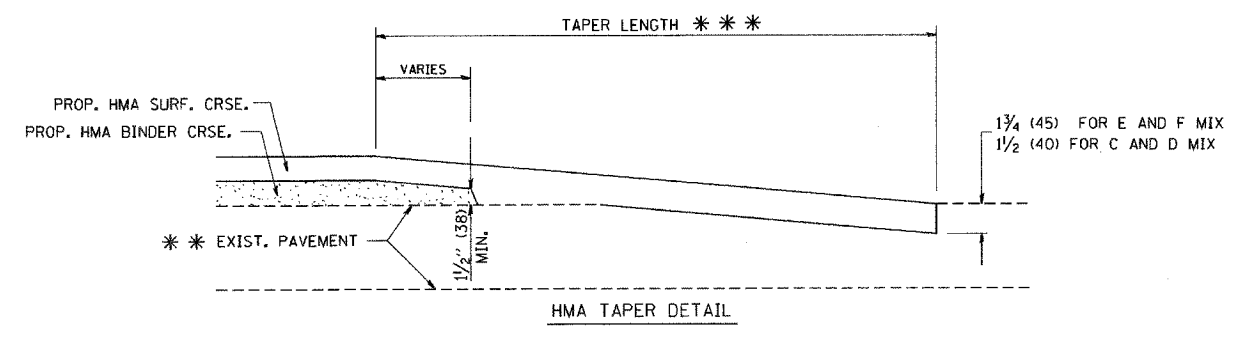


BUTT JOINT AND
HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR 'HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT'.
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER
DETAILS

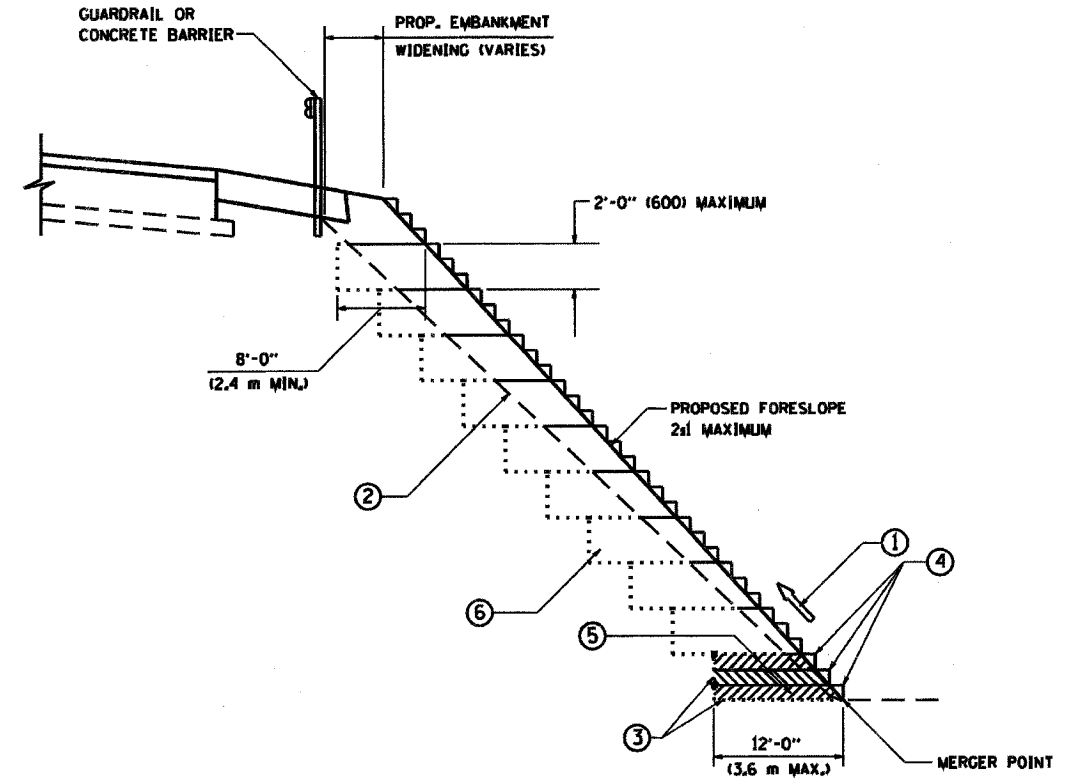
SCALE: VERT. NONE
HORIZ. NONE
PLOT DATE: 1/18/2007

DRAWN BY
CHECKED BY

BD400-05 (VI-BD32)
REVISION DATE: 01/01/07

PLOT DATE = 1/18/2007
FILE NAME = c:\projects\hwa\hwa\hwa\hwa.dgn
PLOT SCALE = 1/8" = 1'-0"
USER NAME = jpratt

F.A. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1/2) WRS	WILL	334	247A
STA. TO STA.		ILLINOIS FED. AID PROJECT		



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m)

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**BENCHING DETAIL
FOR EMBANKMENT
WIDENING**

VERT. SCALE: 1/8" = 1'-0"
HORIZ. SCALE: 1/8" = 10'-0"
DATE: 1/18/2007

DRAWN BY: CADD
CHECKED BY: S.E.B.

BD-51

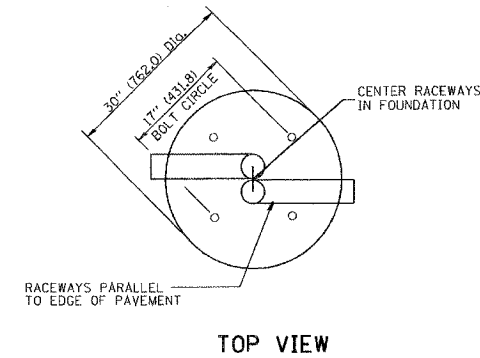
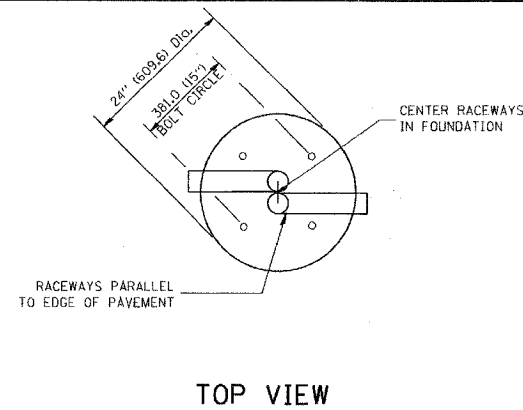
REVISION DATE: 01/01/07

PLOT DATE: 1/18/2007
FILE NAME: K:\projects\2007\118\118.dwg
PLOT SCALE: 1/8" = 10'-0"
USER NAME: j.barnard

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(142)WRS	WILL	334	268
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

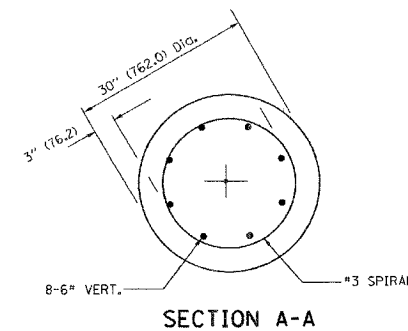
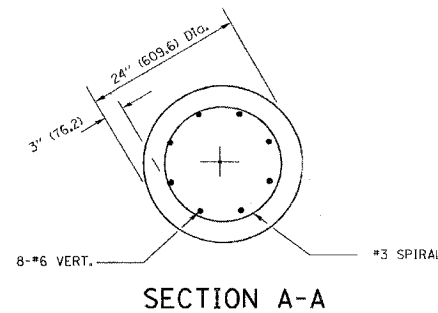
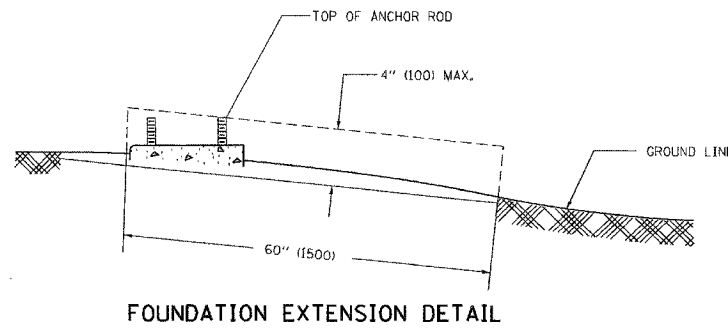
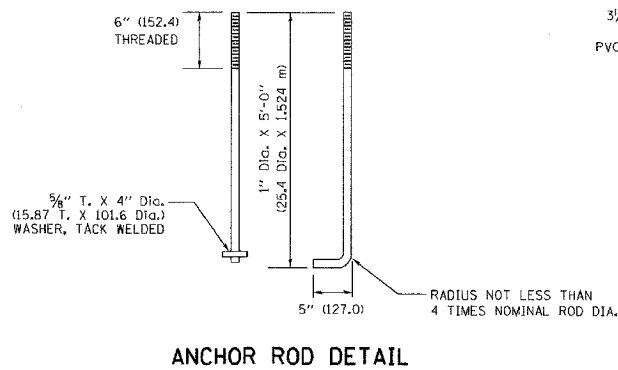
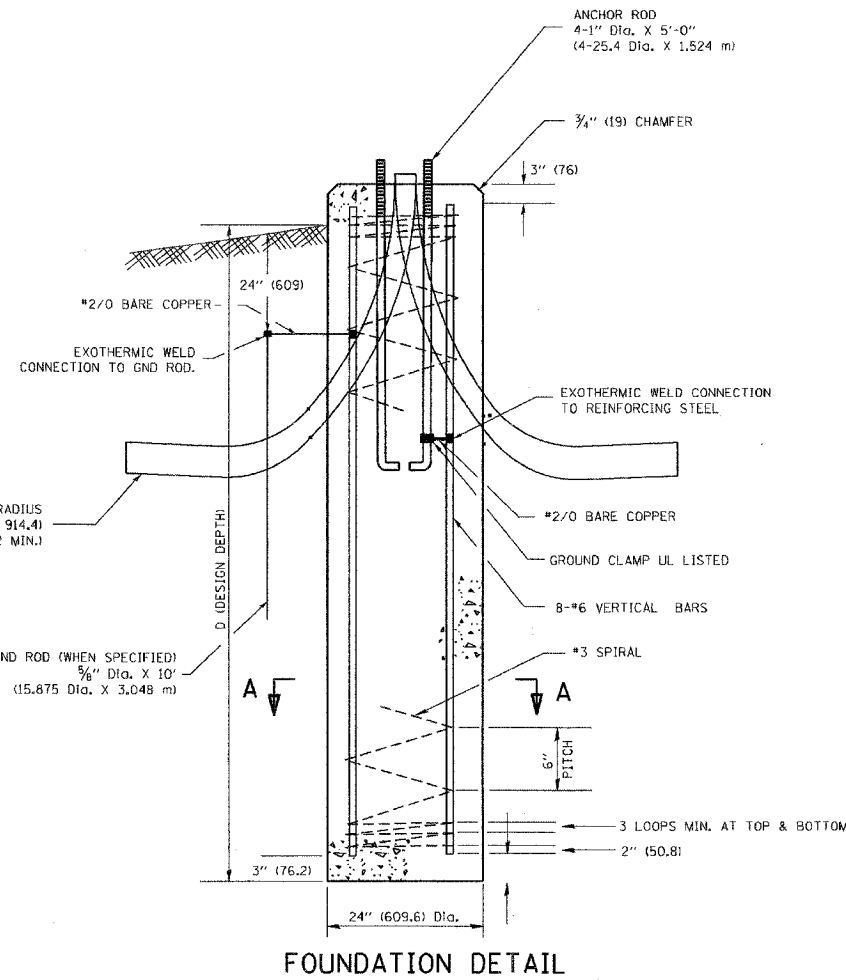
LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192M) TO 47.5 FT. (14.478M) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Q _u = 0.375 TON/SO. FT.	13'-0" (3.96M)	15'-0" (4.57M)
MEDIUM CLAY Q _u = 0.75 TON/SO. FT.	9'-6" (2.9M)	10'-9" (3.23M)
STIFF CLAY Q _u = 1.50 TON/SO. FT.	7'-0" (2.13M)	8'-0" (2.44M)
LOOSE SAND φ = 34°	9'-0" (2.74M)	10'-0" (3.05M)
MEDIUM SAND φ = 37.5°	8'-3" (2.52M)	9'-0" (2.74M)
DENSE SAND φ = 40°	7'-9" (2.36M)	9'-0" (2.74M)



NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5M) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20MM).
- THE CONCRETE SHALL BE CLASS S1. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMG MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 MM) WITH A MINIMUM OF 3 INCHES (75 MM) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9MM) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4MM) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8MM) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4MM) ABOVE THE TOP OF THE FOUNDATION.



PLOT DATE = 1/9/2007
 PLOT SCALE = 1/4" = 1'-0"
 USER NAME = ultrabk

E-301

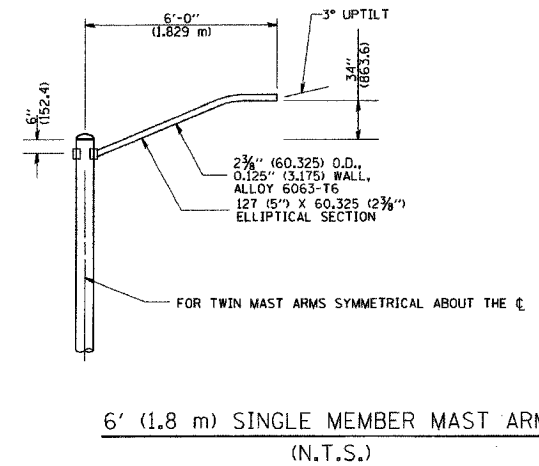
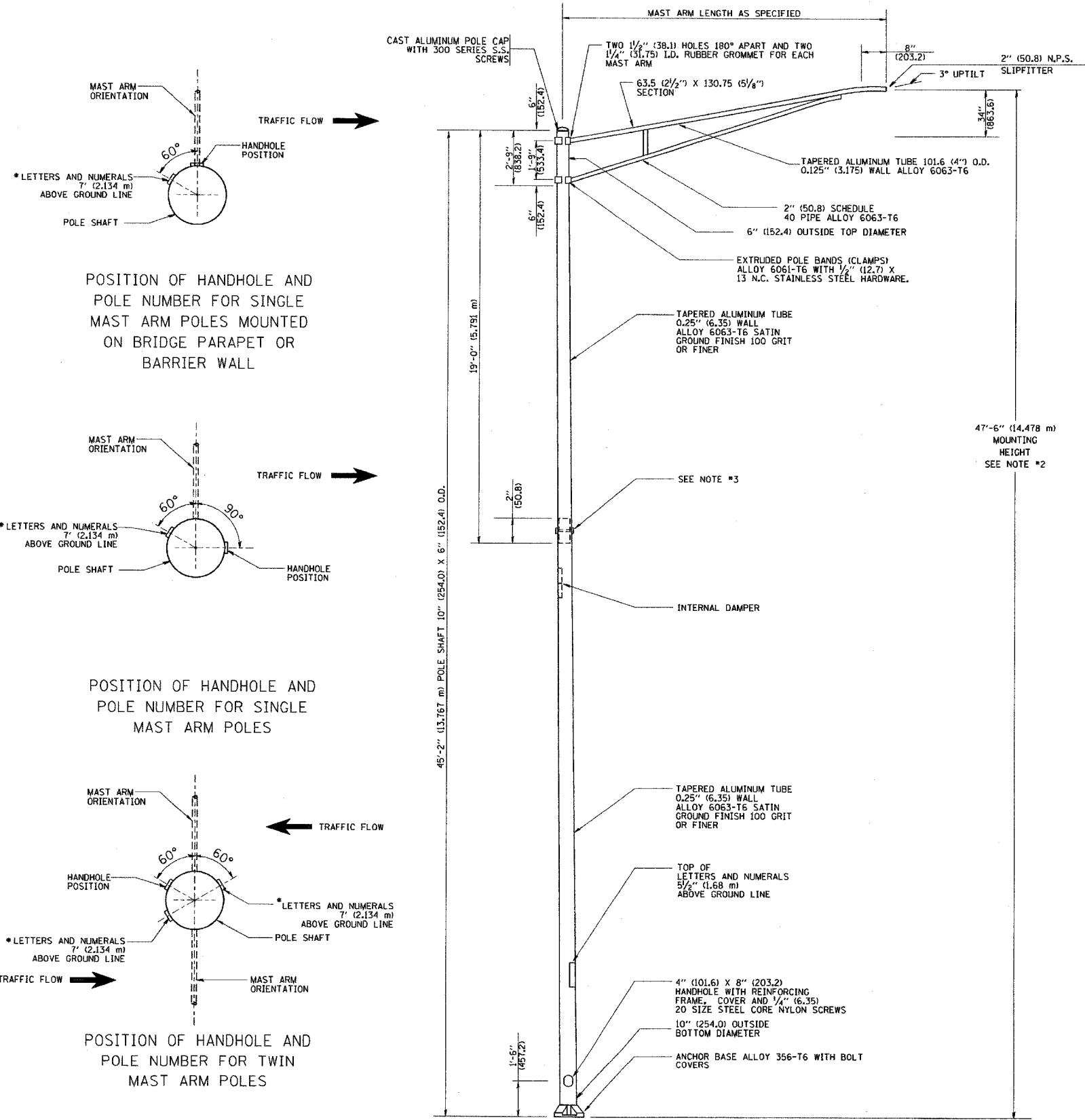
REVISIONS		DATE
NAME		

ILLINOIS DEPARTMENT OF TRANSPORTATION
 LIGHT POLE FOUNDATION
 40' (12.192M) TO 47 1/2' (14.478M) M.H.
 15" (381) BOLT CIRCLE

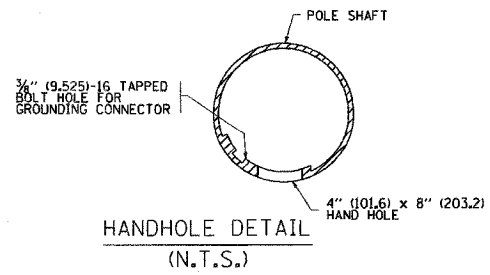
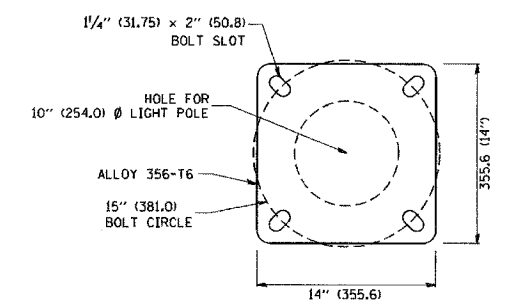
SCALE: NONE
 DATE: 1/9/2007

DRAWN BY
 CHECKED BY
 BE301
 REVISION DATE: 01/01/07

F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
55	99(1+2) WRC	WILL	334 269
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



- NOTES:**
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
 2. MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENDON TO THE BOTTOM OF THE ANCHOR BASE.
 3. TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
 4. THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
 5. THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
 6. LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
 7. LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
 8. LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.



REVISIONS	
NAME	DATE
R. TOMSONS	9-6-00
R. TOMSONS	8-12-03

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALUMINUM LIGHT POLE
 47'-6" (14.478 m)
 MOUNTING HEIGHT

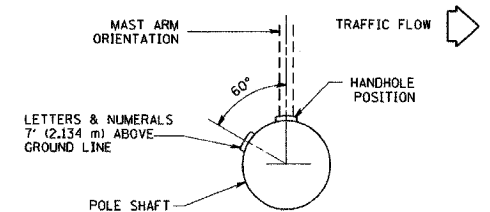
SCALE: NONE
 DATE: 1/10/2007

DRAWN BY
 CHECKED BY
 BE-400
 REVISION DATE: 09/02/03

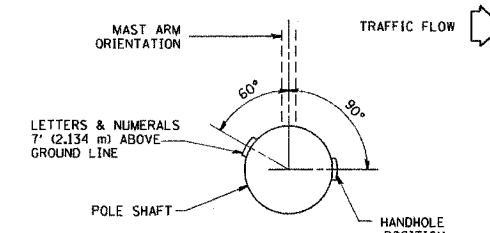
PLOT DATE = 1/10/2007
 FILE NAME = c:\pvs\meta\hatched\h4400.dgn
 PLOT SCALE = 50.000 / IN.
 USER NAME = jtrcnd

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(112) WRS	WILL	334	270
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

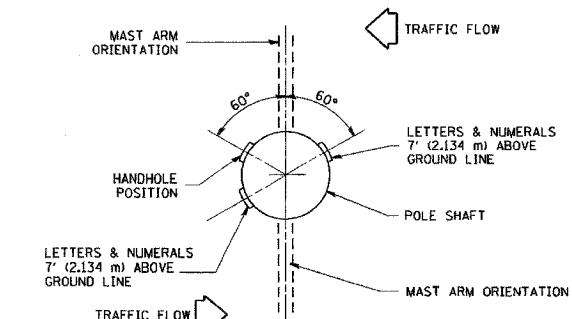
- NOTES:**
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
 - MOUNTING HEIGHT IS DEFINED AS THE DISTANCE FROM THE CENTERLINE OF THE TENON TO THE BOTTOM OF THE ANCHOR BASE.
 - TWO PIECE SHAFT WILL BE MATCHED MARKED AND INTERCHANGEABLE BETWEEN DIFFERENT UNITS. FIELD DRILLING OF THE HOLES WILL NOT BE ALLOWED.
 - THE LIGHT POLE WILL MEET AASHTO DESIGN CRITERIA AS SPECIFIED.
 - THE INSTALLING CONTRACTOR WILL PROVIDE A UL LISTED GROUNDING CONNECTOR, BURNDY K2C23, T&B SP4DL OR APPROVED EQUAL.
 - LIGHT POLES WILL NOT BE INSTALLED WITHOUT MAST ARMS AND LUMINAIRES.
 - LIGHT POLES WILL BE SET PLUMB ON THE FOUNDATION WITHOUT THE USE OF LEVELING NUTS, WASHERS OR SHIMS.
 - LIGHTING UNIT IDENTIFICATION NUMBERS SHALL BE INSTALLED BEFORE THE LIGHTING UNIT IS ENERGIZED.



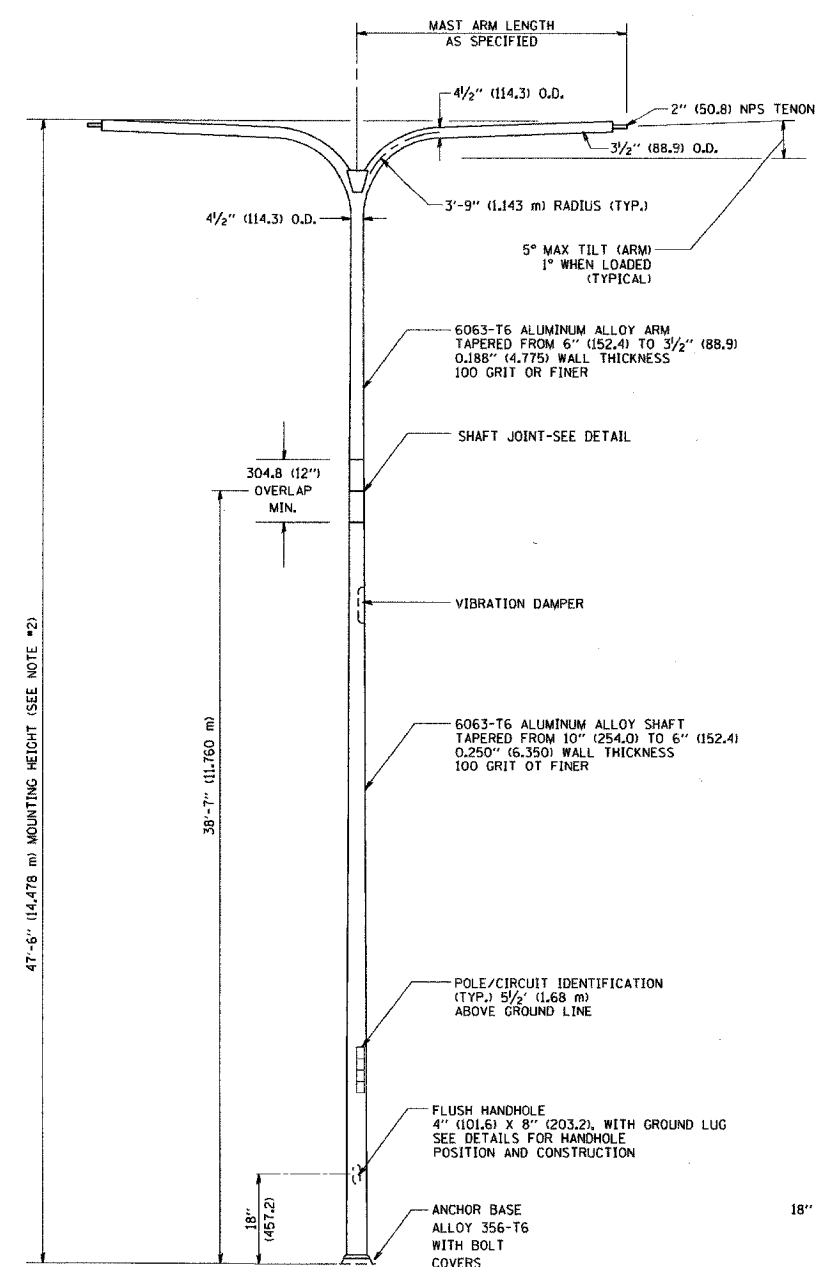
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES MOUNTED ON BRIDGE PARAPET OR BARRIER WALL



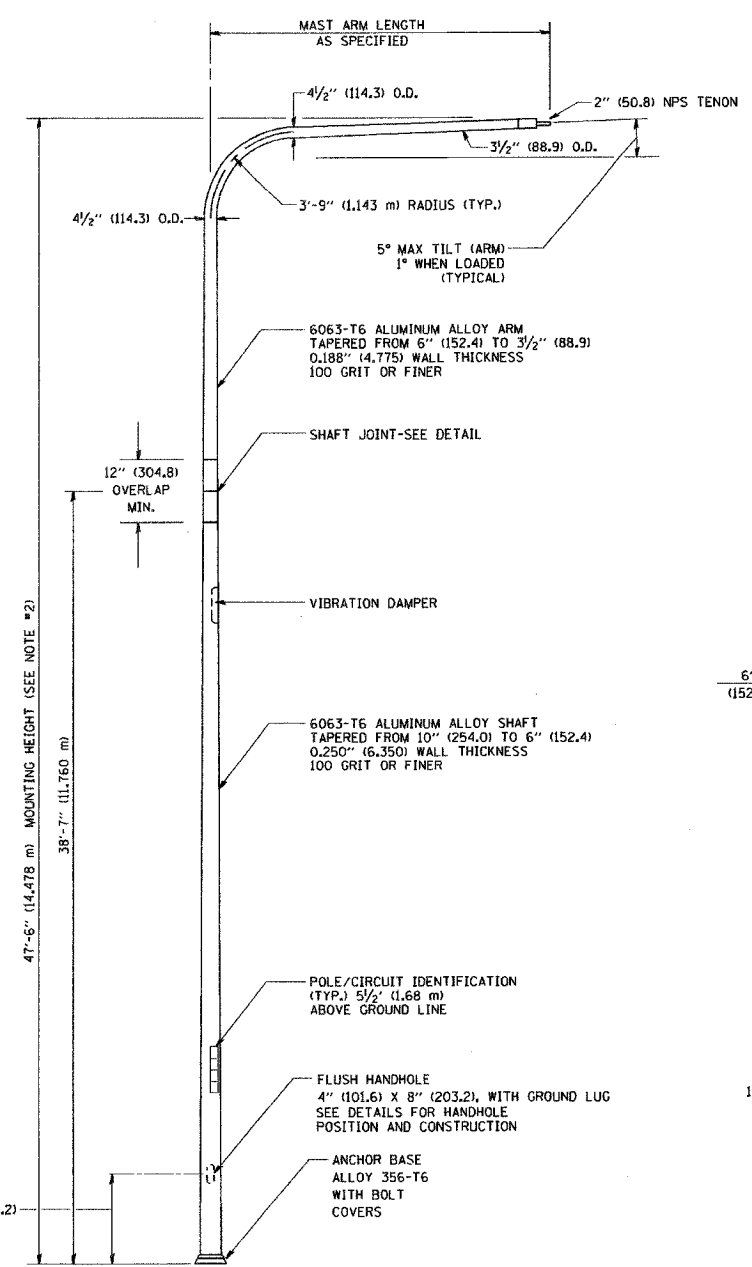
POSITION OF HANDHOLE AND POLE NUMBER FOR SINGLE MAST ARM POLES



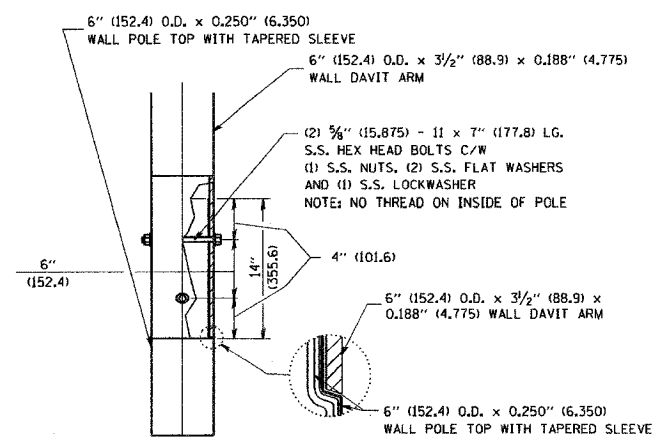
POSITION OF HANDHOLE AND POLE NUMBER FOR TWIN MAST ARM POLES



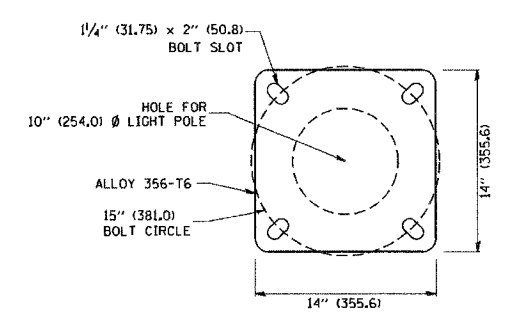
TWIN ARM POLE



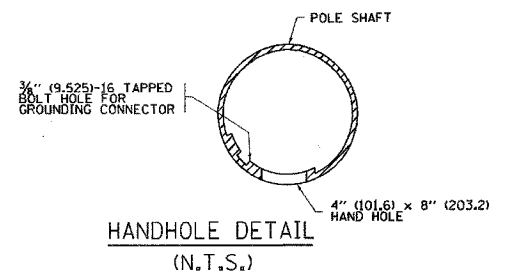
SINGLE ARM POLE



DAVIT ARM CONNECTION [14" (355.6) OVERLAP SHOWN]



LIGHT POLE BASE PLATE DETAIL (FOR POLE MOUNTED ON 15 INCH (381.0) BOLT CIRCLE FOUNDATION)



HANDHOLE DETAIL (N.T.S.)

REVISIONS	
NAME	DATE
D. DREW	4-2-92
D. DREW	5-7-92
R. TOMSONS	9-6-00
R. TOMSONS	8-12-03

ILLINOIS DEPARTMENT OF TRANSPORTATION

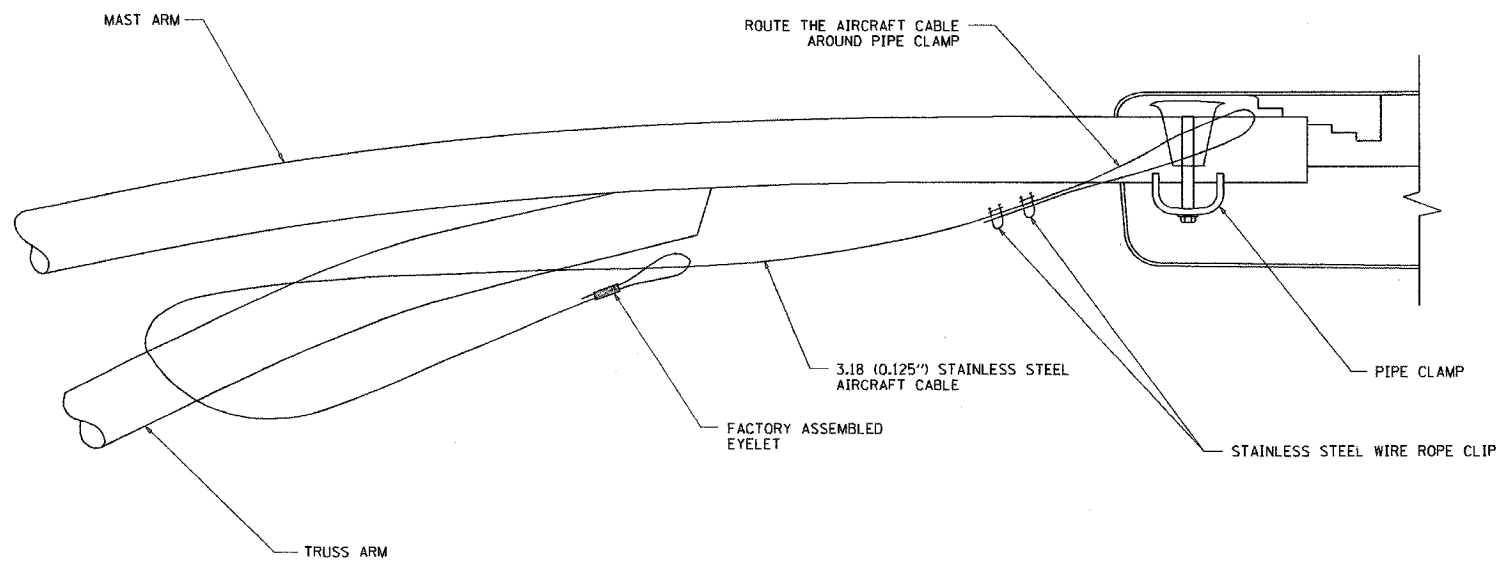
DAVIT LIGHT POLE 47' - 6" (14.478 m) MOUNTING HEIGHT

SCALE: NONE
DATE: 1/16/2007

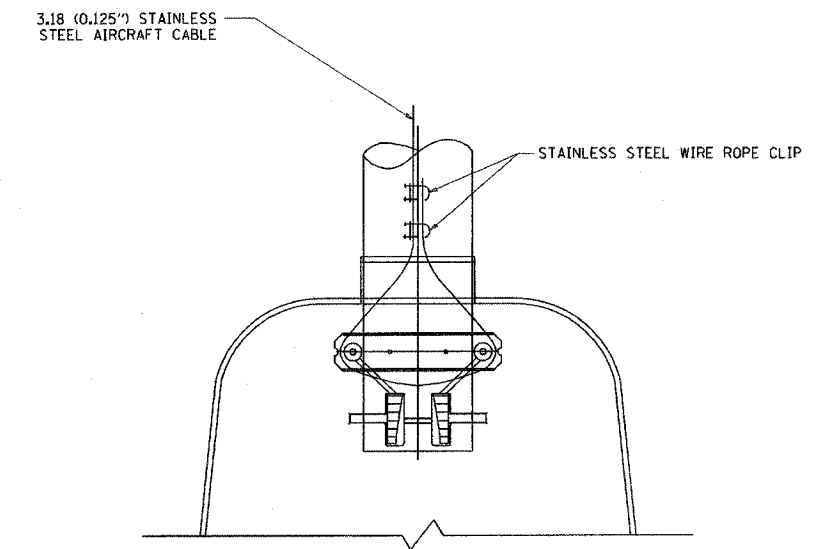
DRAWN BY LEY
CHECKED BY BE-410
REVISION DATE: 01/01/07

PLOT DATE = 1/16/2007
 PLOT SCALE = 1/8" = 1'-0"
 PLOT USER = ulrichk
 USER NAME = ulrichk

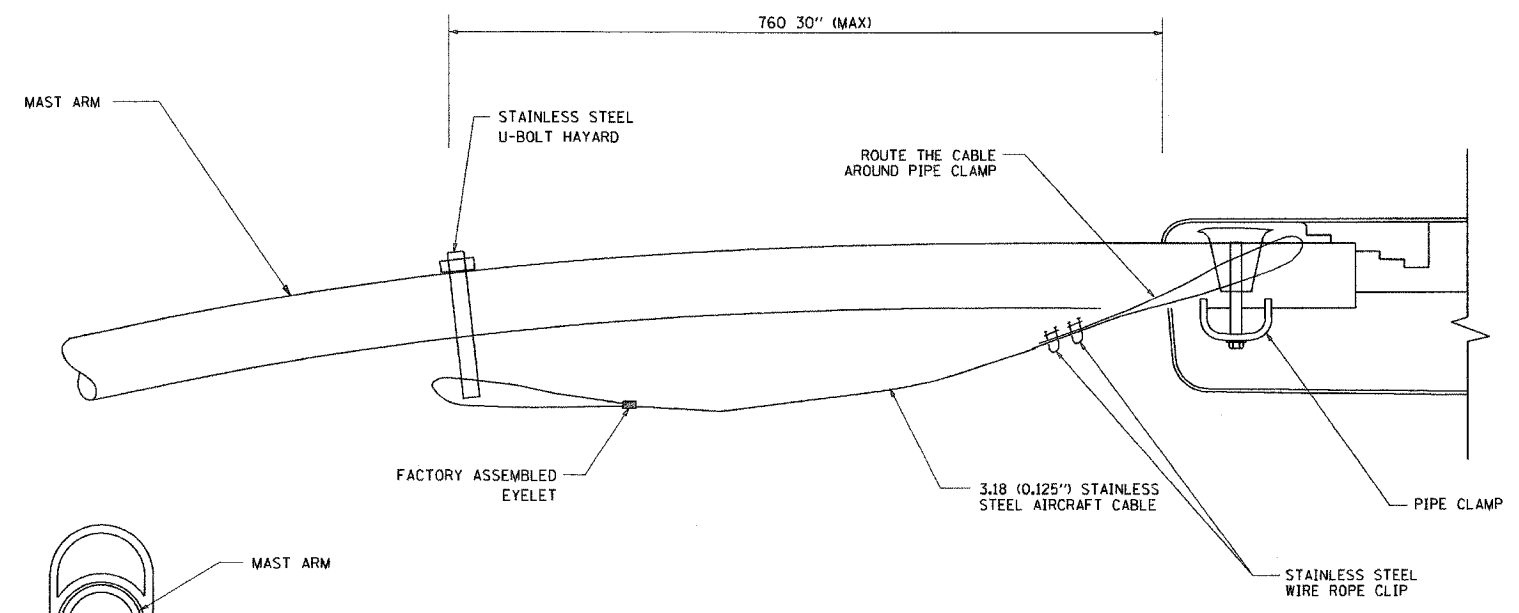
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(12) WRS	WILL	334	271
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



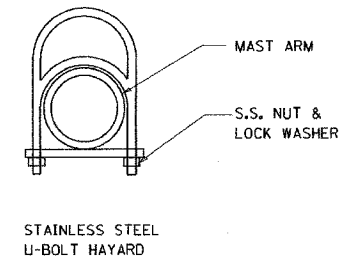
SIDE VIEW (TRUSS ARM)
N.T.S.



BOTTOM VIEW
N.T.S.



SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.



STAINLESS STEEL U-BOLT HAYARD

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN
 2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
 3. THE 3.18 (0.125") STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
 4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LUMINAIRE SAFETY CABLE ASSEMBLY

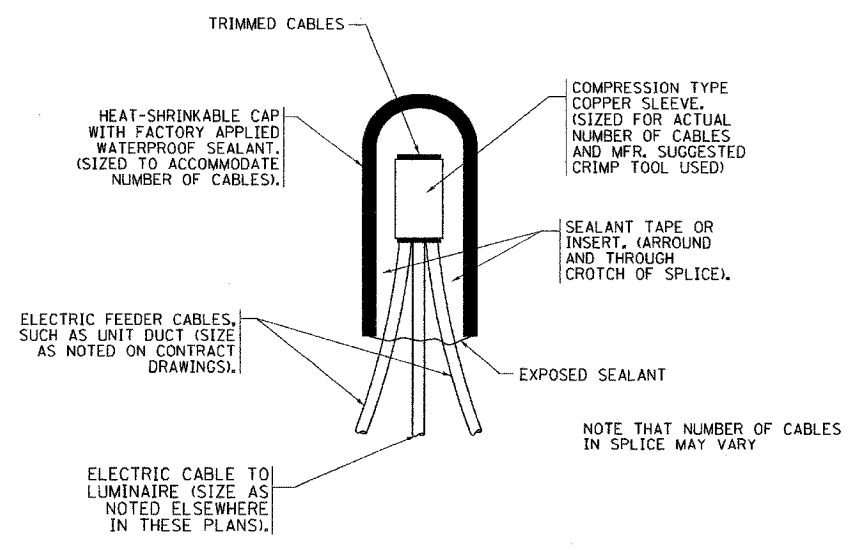
SCALE: VERT. HORIZ. DATE: 2/15/2006

DRAWN BY CHECKED BY

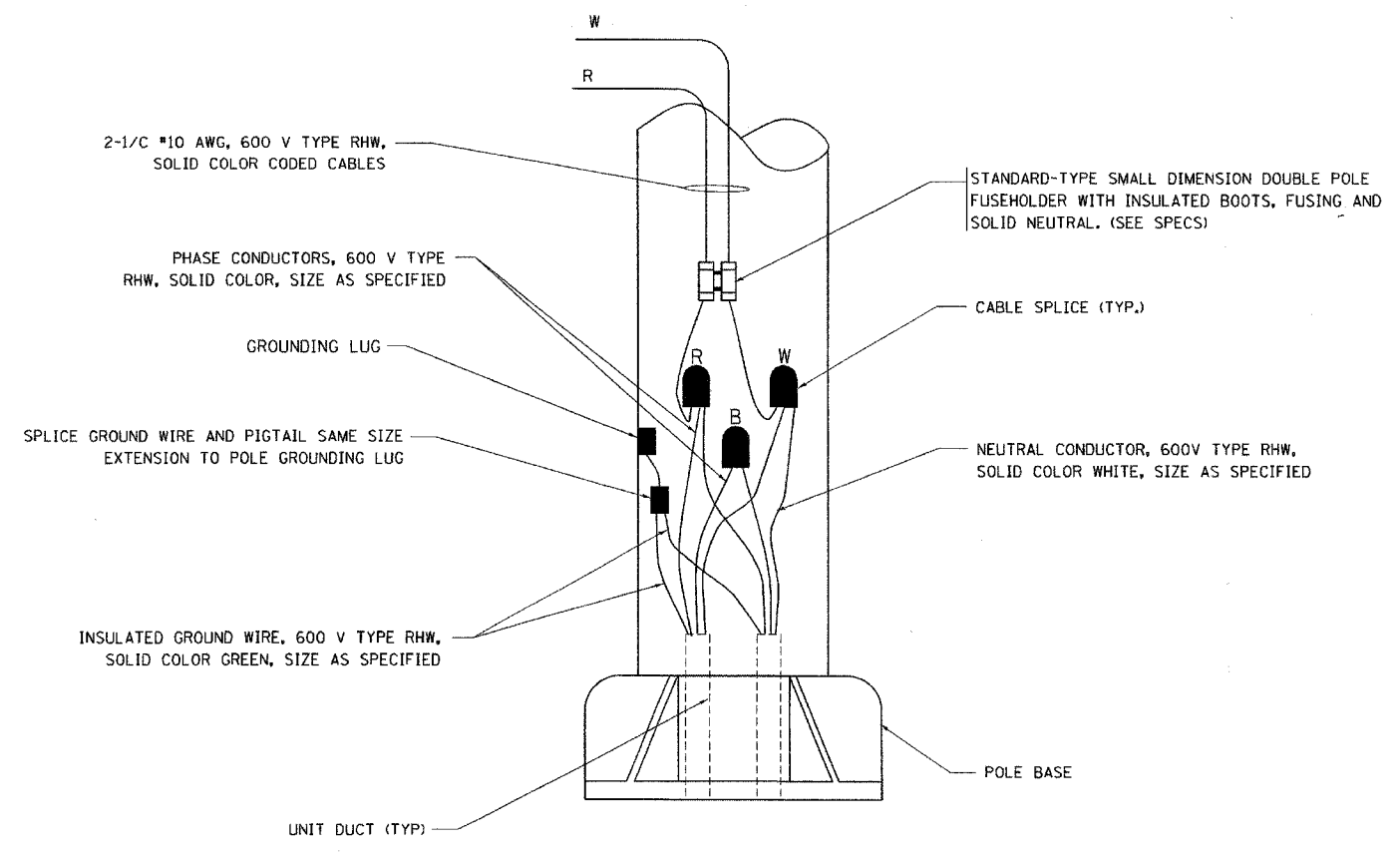
BE-701 REVISION DATE:

PLOT DATE = 2/15/2006
PLOT SCALE = 50:000 / IN.
USER NAME = gajlencob

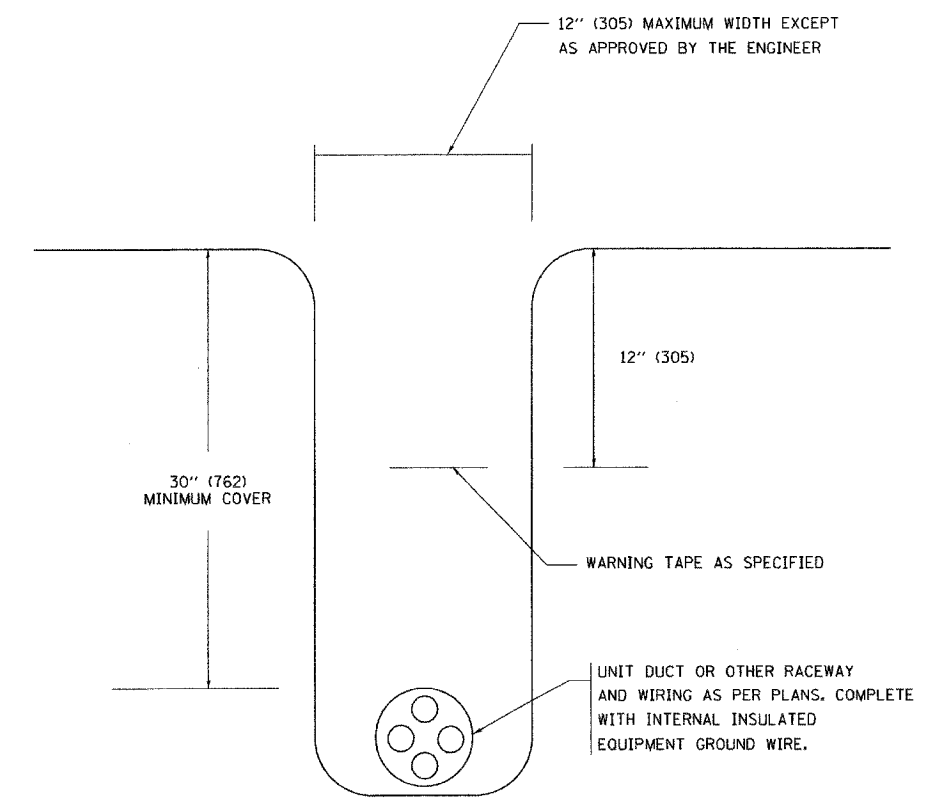
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (112) WRS	WILL	334	272
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TYPICAL SPLICE DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.

PLOT DATE = 1/18/2007
FILE NAME = c:\p\o\meta\detail\be792.dgn
PLOT SCALE = 80000 / 1
USER NAME = gregmabst

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

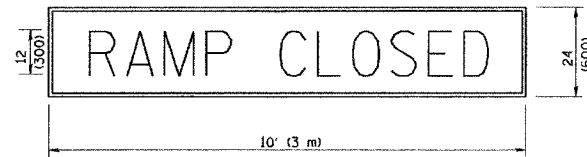
MISC. ELECTRICAL DETAILS
SHEET A

SCALE: VERT.
HORIZ.
DATE: 1/18/2007

DRAWN BY
CHECKED BY
BE-702
REVISION DATE: 01/01/07

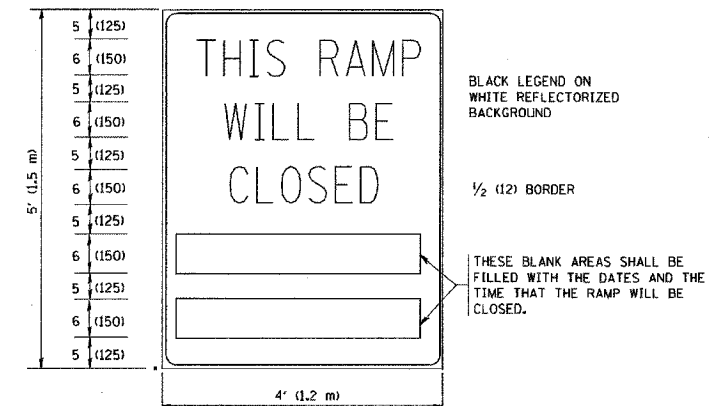
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(1+2) WRS	WILL	334	273
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND
1 (25) BORDER
THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR THE CLOSED EXIT RAMP.

RAMP CLOSURE ADVANCE INFORMATION SIGN



THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

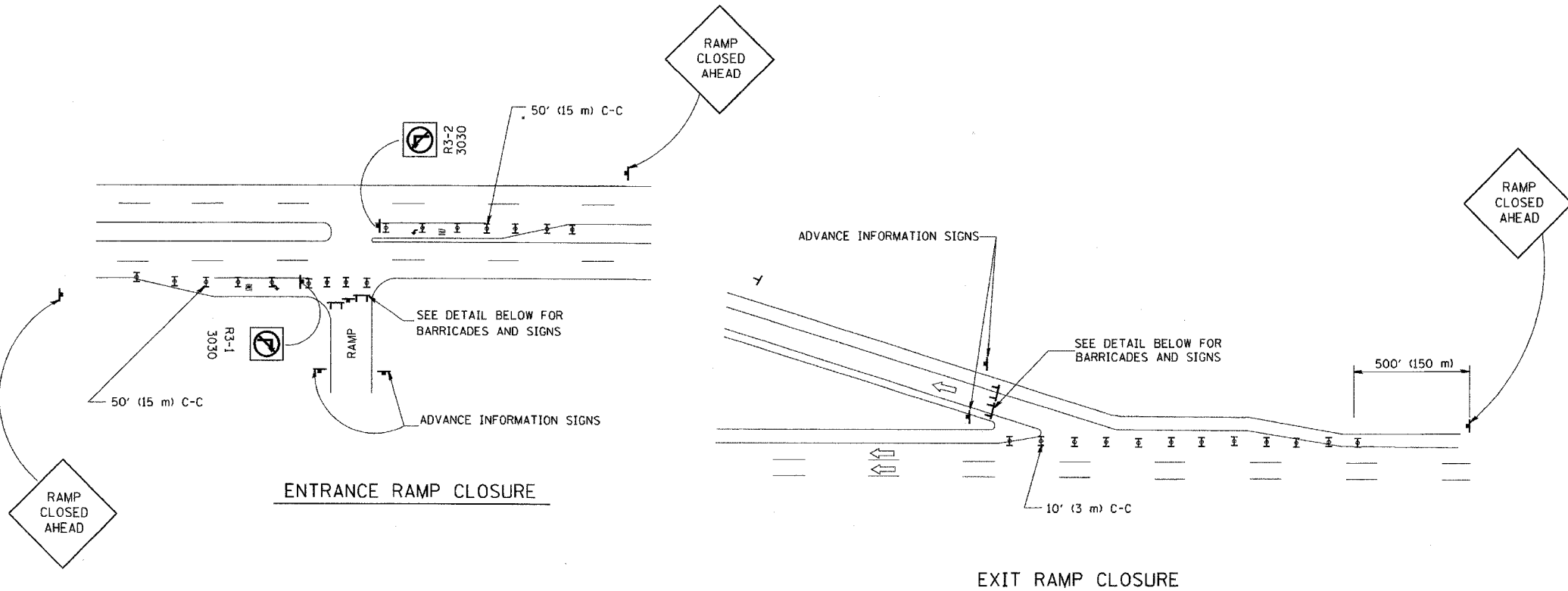
GENERAL NOTES:

- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY FOUR (24) HOURS IN LENGTH.

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

REVISIONS	
NAME	DATE
DWS	2-83
DWS	1/90
DWS	9/94
DWS	12/94
DWS/JAF	12/02
JAF	2/06
SPB	1/07
Revise devices to meet NCHRP 350	4/03

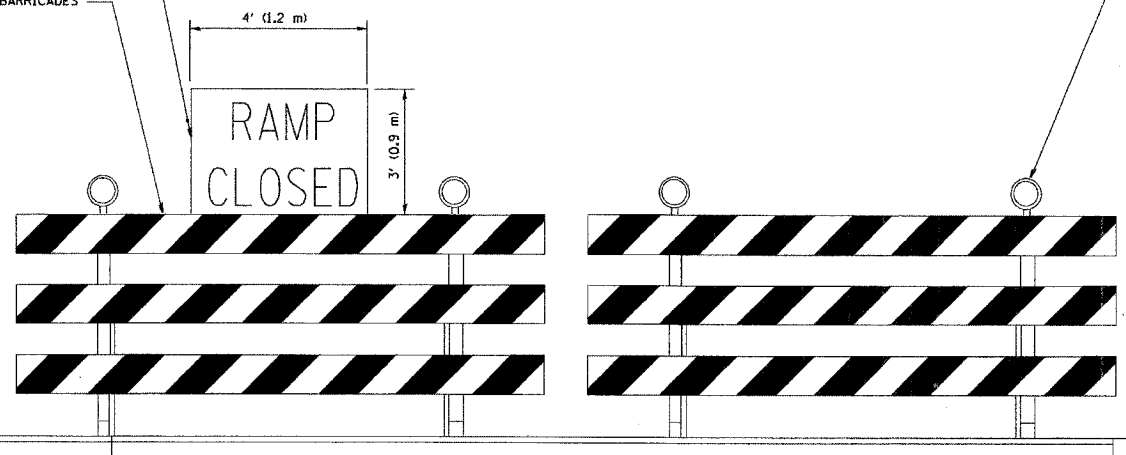
ILLINOIS DEPARTMENT OF TRANSPORTATION
FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS
SCALE: DATE: 1/4/2007
DRAWN BY: CHECKED BY: TC-8
REVISION DATE: 01/01/07



THE "RAMP CLOSED" SIGN SHALL BE B/W WITH 8 (200) CAPS. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.

FLASHER UNIT AMBER BOTH SIDES OF EACH TYPE III BARRICADE

TYPE III BARRICADES



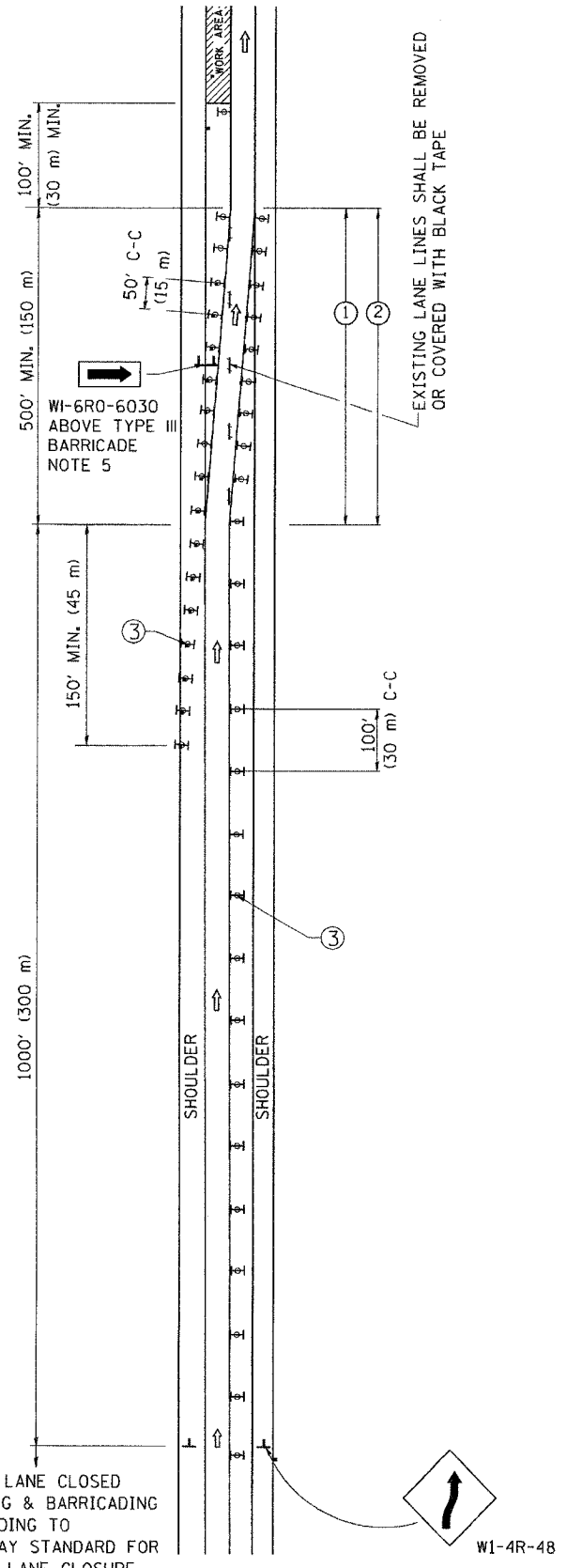
DETAIL FOR REQUIRED BARRICADES & SIGNS

- SYMBOLS**
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - TYPE III BARRICADE WITH FLASHING LIGHT

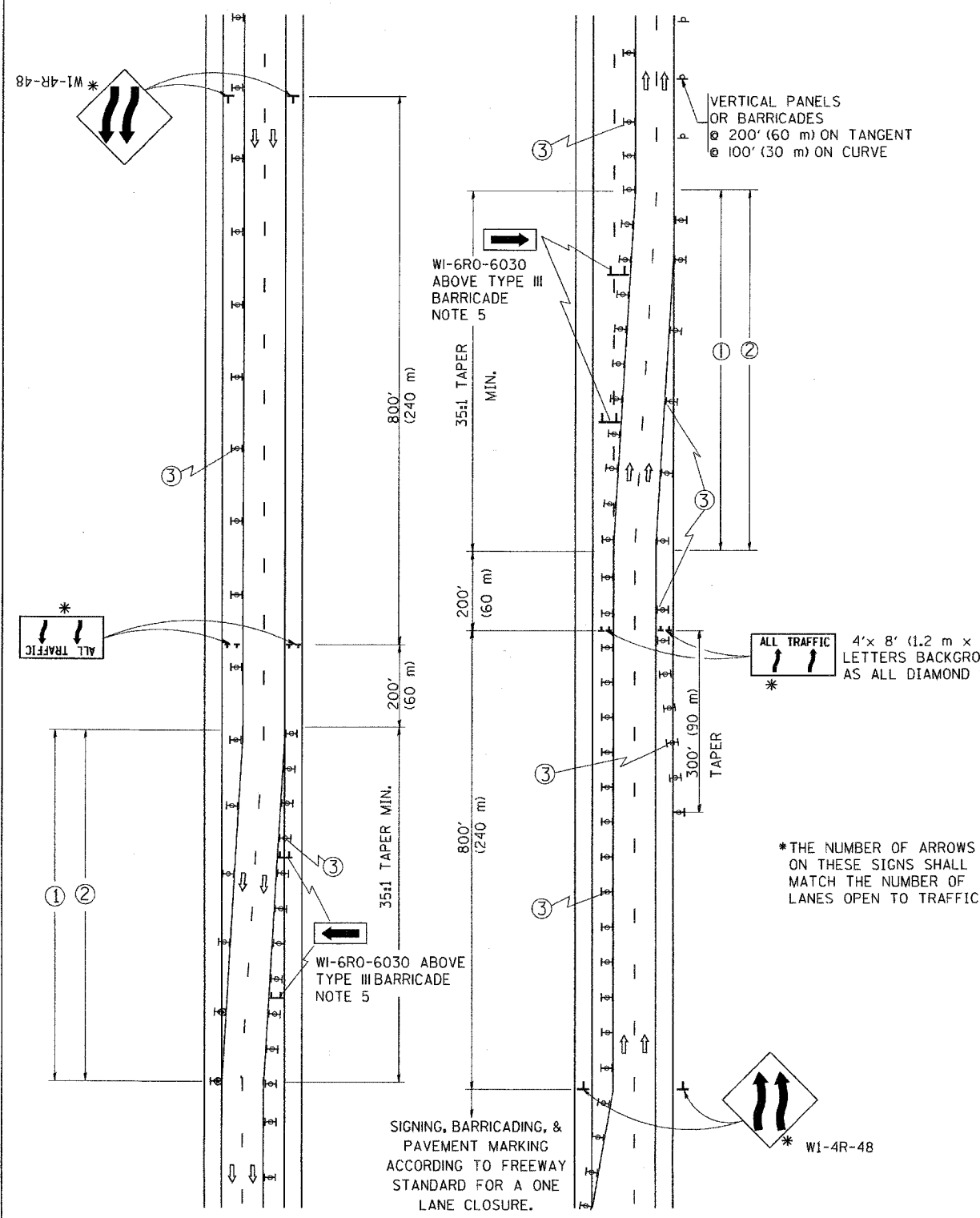
PLOT DATE = 1/4/2007
FILE NAME = c:\projects\hastad\hastad\hastad.dgn
PLOT SCALE = 80.000 / IN.
USER NAME = lrenerf

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99(142)WRS	WILL	334	274
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED OR COVERED WITH BLACK TAPE. PAVEMENT MARKING REMOVAL OR BLACK TAPE SHALL NOT BE REQUIRED FOR LANE CLOSURES UNDER 24 HOURS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVE LANE LINES SHALL BE 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS DIRECTLY IN FRONT OF THE BARRICADE.
- IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH MONO-DIRECTIONAL STEADY BURNING LIGHT

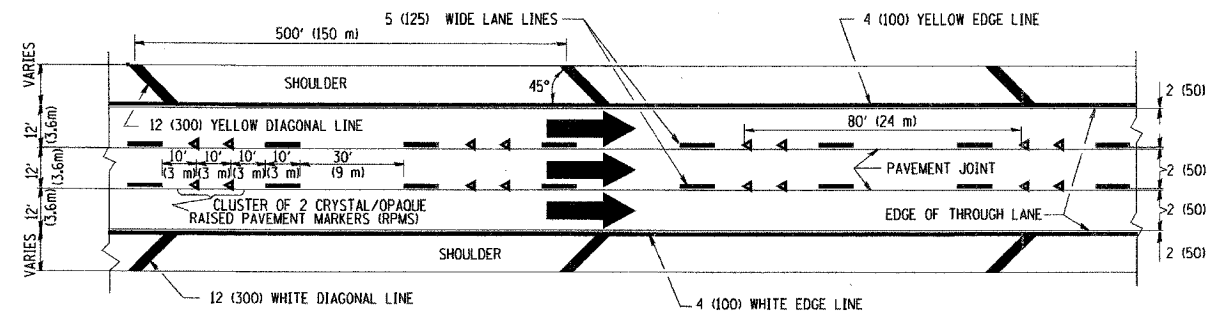
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
DWS	2/87	<p>TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE</p> <p>SCALE: _____ DRAWN BY R.H.</p> <p>DATE: 1/4/2007 CHECKED BY _____</p> <p>TC-9</p> <p>REVISION DATE: 01/01/07</p>
DWS	1/90	
DWS	12/27/94	
DWS	11/96	
JAF	4/03	
SPB	1/07	

PLOT DATE = 1/4/2007
 PLOT SCALE = 50:000 / IN.
 USER NAME = ltrshrf

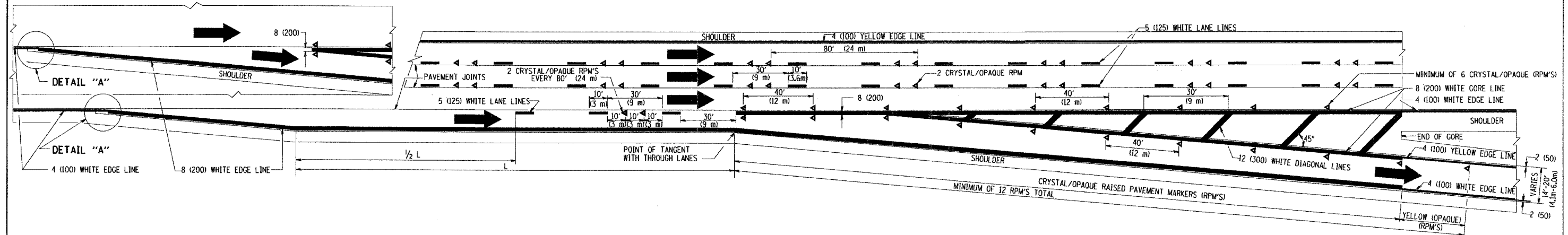
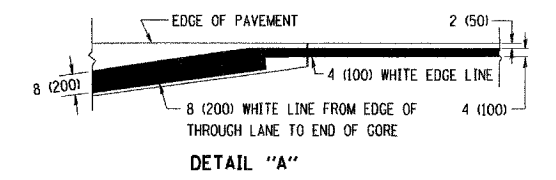
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (112) WBS	WILL	334	275
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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

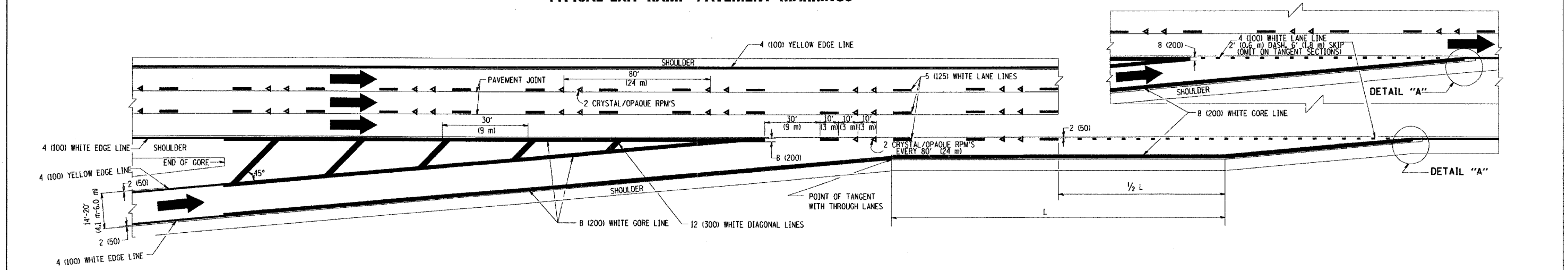


TYPICAL EDGE LINES & LANE LINES

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



TYPICAL EXIT RAMP PAVEMENT MARKINGS



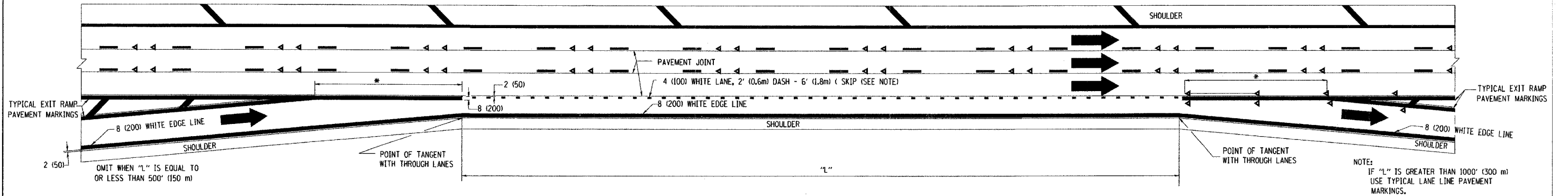
TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/30
DWS	5/91
AH	3/96
DWS	7/96
JAF	2/06
SPB	1/07

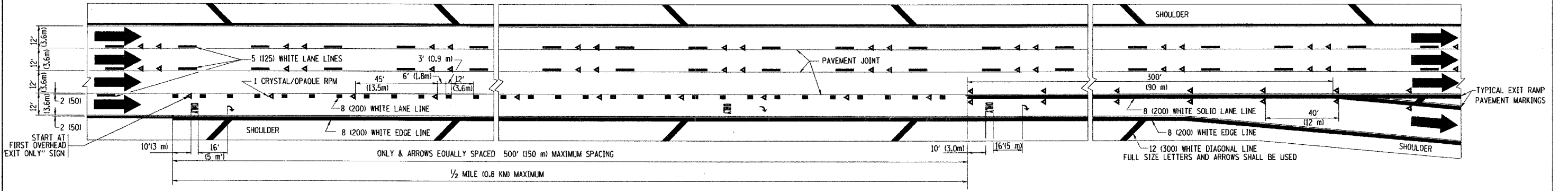
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
 SCALE: NONE
 DATE: 1/4/2007
 DRAWN BY C.A.D.D.
 CHECKED BY
 TC12 SHEET 1 OF 2
 REVISION DATE: 01/01/07

PLOT DATE = 1/4/2007
 FILE NAME = c:\projects\6298\6298\6298.dwg
 USER NAME = jhansen

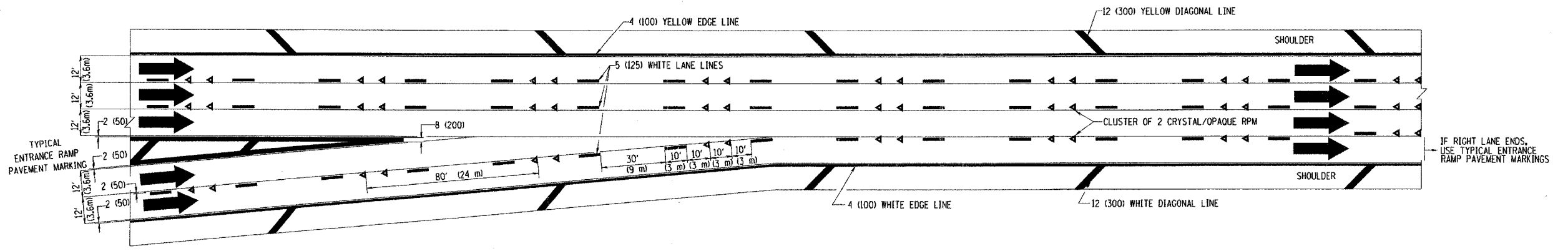
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1+2) WRS	WILL.	334	276
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

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

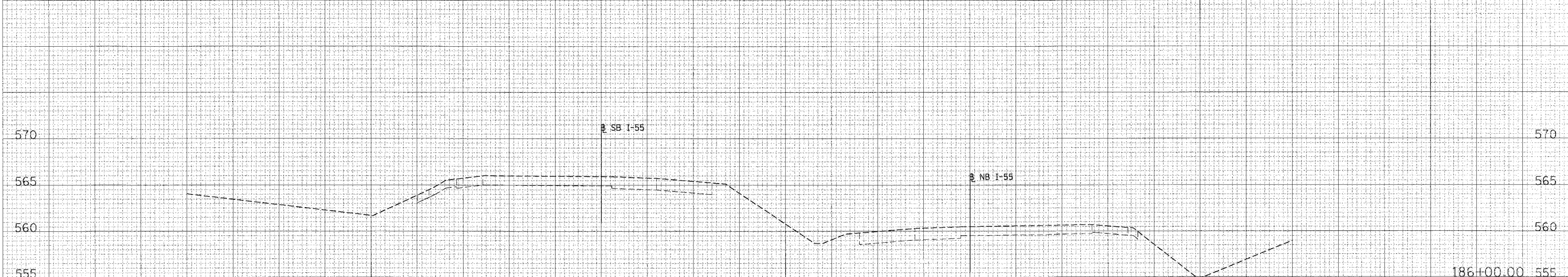
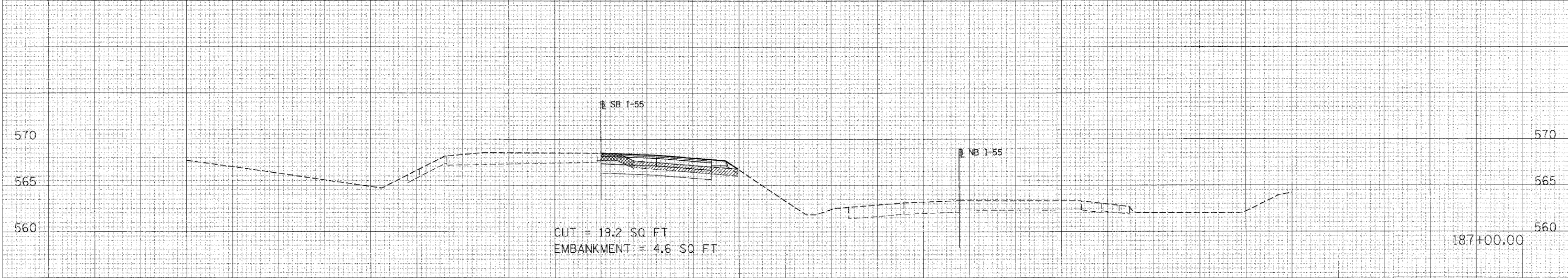
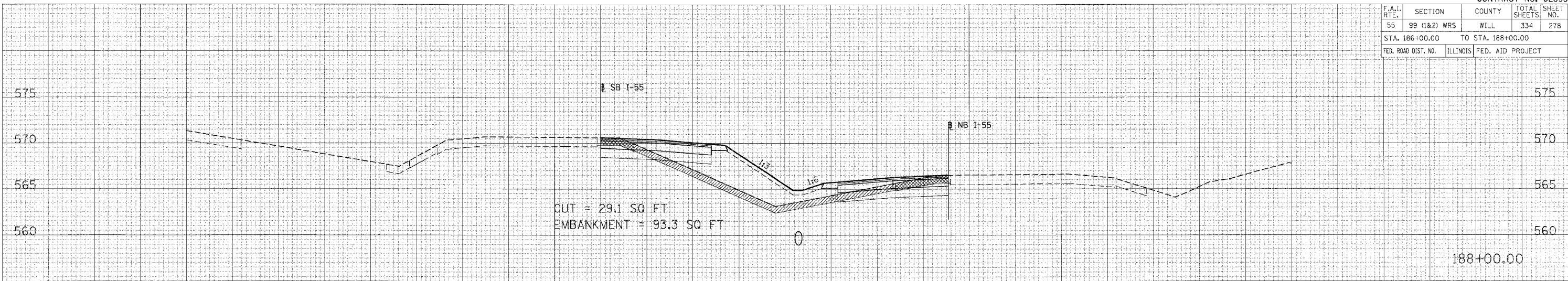
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MULTI-LANE FREEWAY
 PAVEMENT MARKING
 DETAILS

SCALE: NONE
 DATE: 1/16/2007
 DRAWN BY: C.A.D.D.
 CHECKED BY:

PLOT DATE = 1/16/2007
 FILE NAME = K:\projects\1212.dgn
 PLOT SCALE = 5/8" = 1'-0"
 USER NAME = jegan

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	278
STA. 186+00.00		TO STA. 188+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



LEGEND:

- EXISTING SHOULDER REMOVAL
- TOPSOIL EXCAVATION
- POROUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

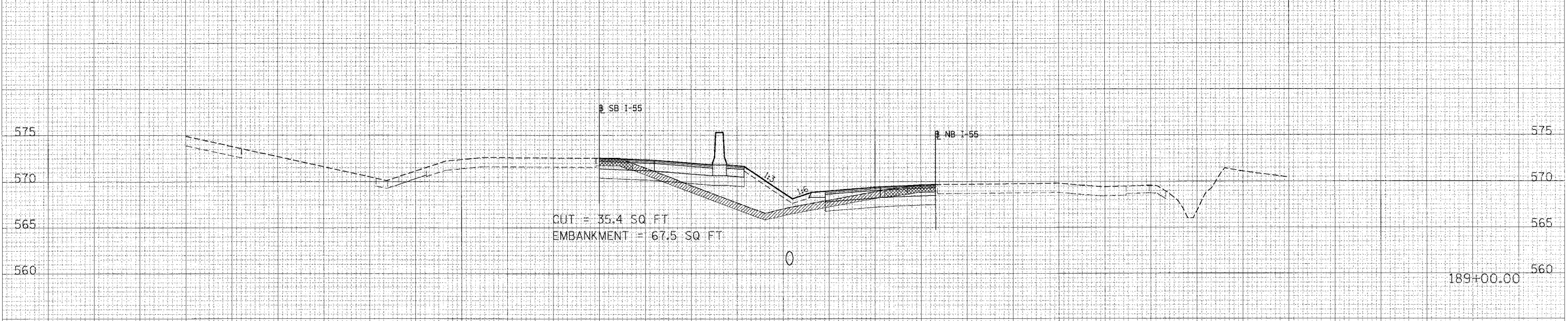
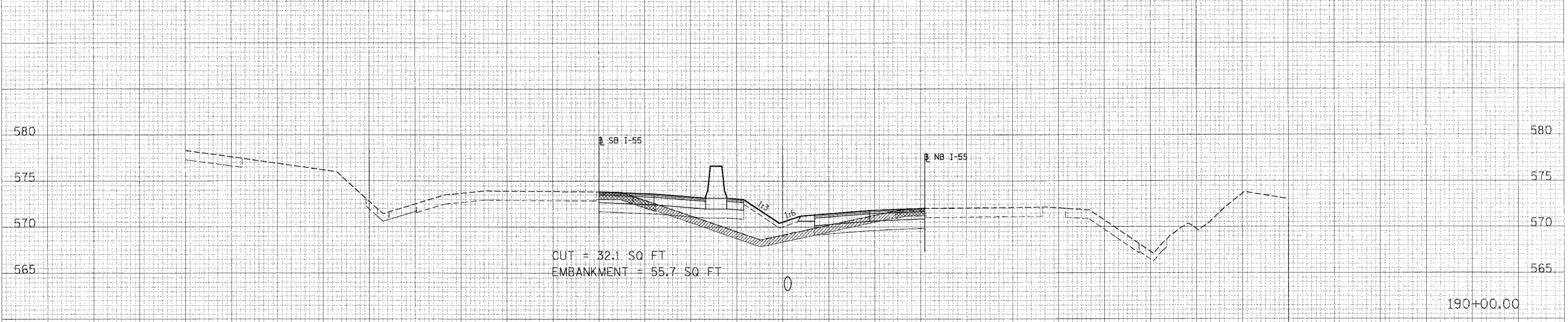
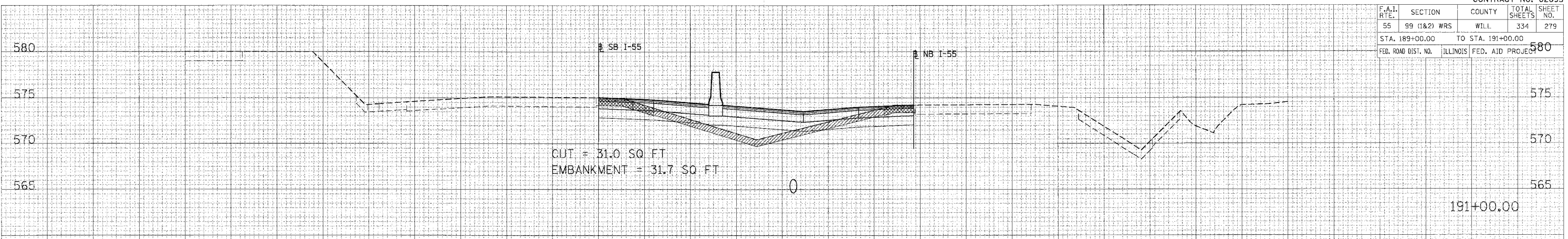
NO. SURVEYED
SURVEY PLOTTED
NOTE BOOK AREAS
AREAS CHECKED

NO. SURVEYED
SURVEY PLOTTED
NOTE BOOK AREAS
AREAS CHECKED

PLOT DATE = 8/1/05
FILE NAME = I-55
PLOT SIZE = 11x17
USER NAME = JUSERS

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	279
STA. 189+00.00		TO STA. 191+00.00		580
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FILE NO. _____
SURVEYED _____
PLOTTED _____
NOTE BOOK _____
AREAS CHECKED _____
NO. _____

FILE NO. _____
SURVEYED _____
PLOTTED _____
NOTE BOOK _____
AREAS CHECKED _____
NO. _____

PLOT DATE = _____
FILE NAME = _____
PLOT SIZE = _____
PLOTTER = _____

- LEGEND:**
- EXISTING SHOULDER REMOVAL
 - TOPSOIL EXCAVATION
 - POROUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

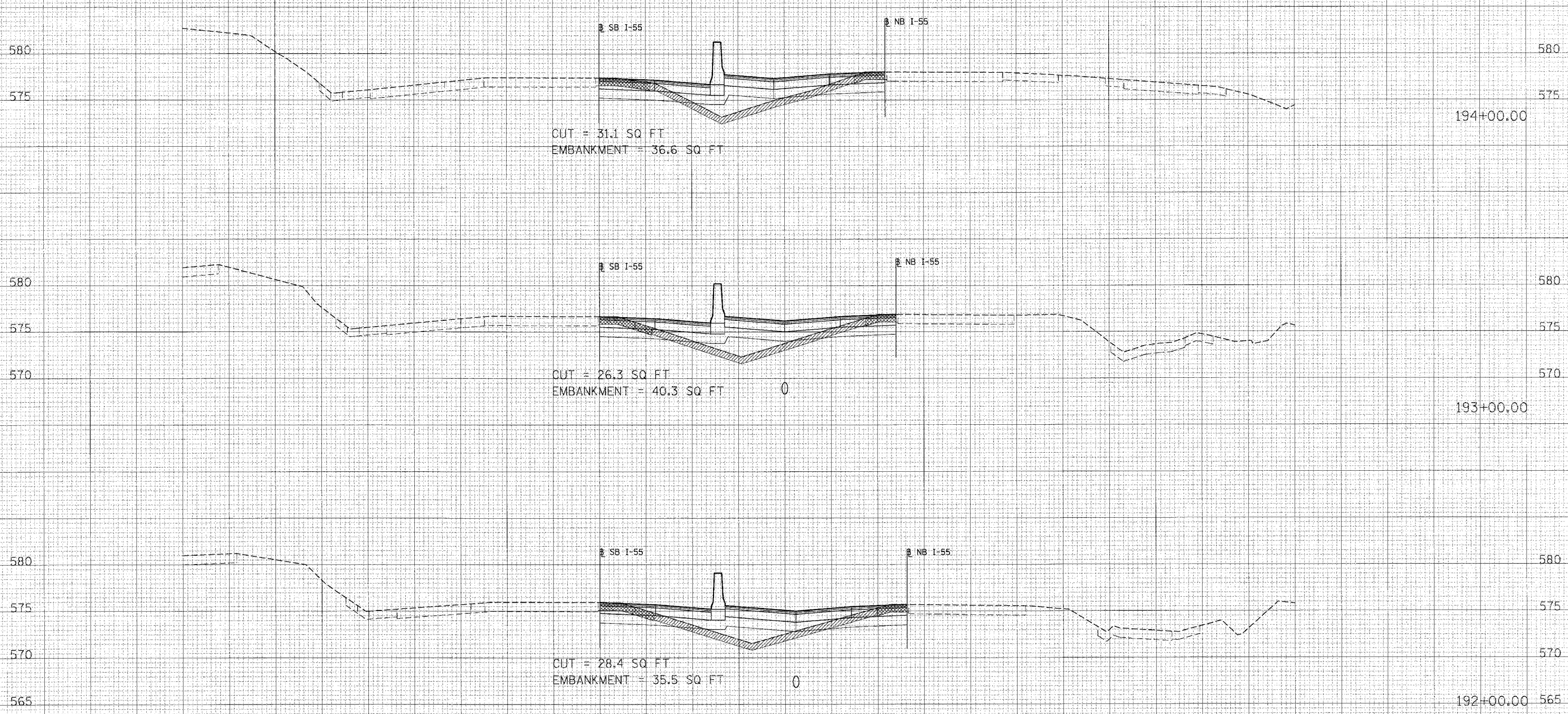
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895			
F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS
55	99 (1&2) WRS	WILL	334
STA. 192+00.00		TO STA. 194+00.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

SUBMITTED
 SURVEY
 NOTE BOOK
 NO.

ORIGINAL
 SURVEY
 NOTE BOOK
 NO.

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT BY = #SCALE#
 USER No. = #USER#



- LEGEND:**
- EXISTING SHOULDER REMOVAL
 - TOPSOIL EXCAVATION
 - POROUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

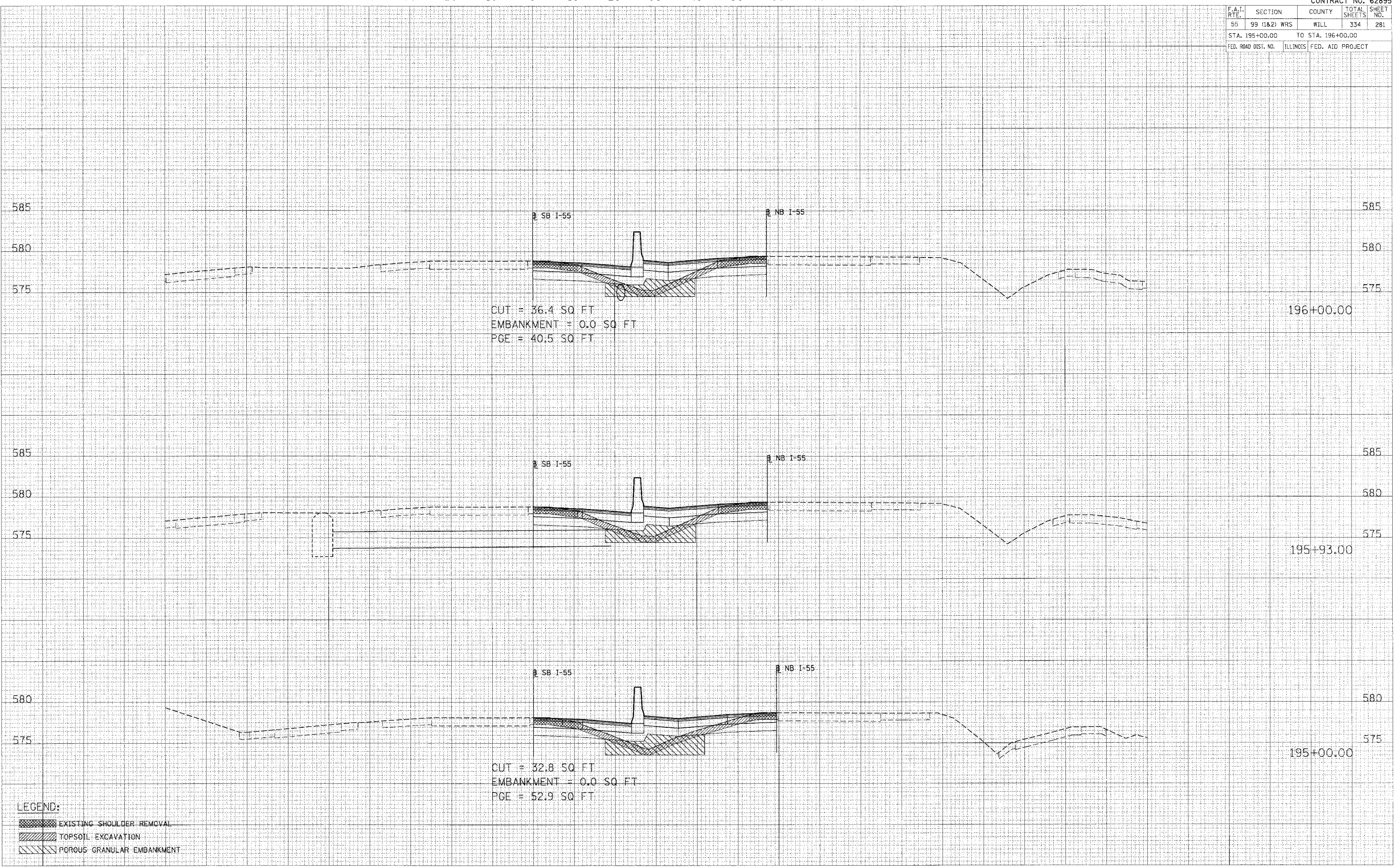
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

F.A.T. RT#		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	281	
STA. 195+00.00		TO STA. 196+00.00			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 NO.

SURVEYED
 PLOTTED
 NOTE BOOK
 AREAS CHECKED
 NO.

DATE
 FILE NAME
 PLOT SIZE
 USER NO.



LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Hatched Box] TOPSOIL EXCAVATION
 [Hatched Box] POROUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

I-55 CROSS-SECTIONS

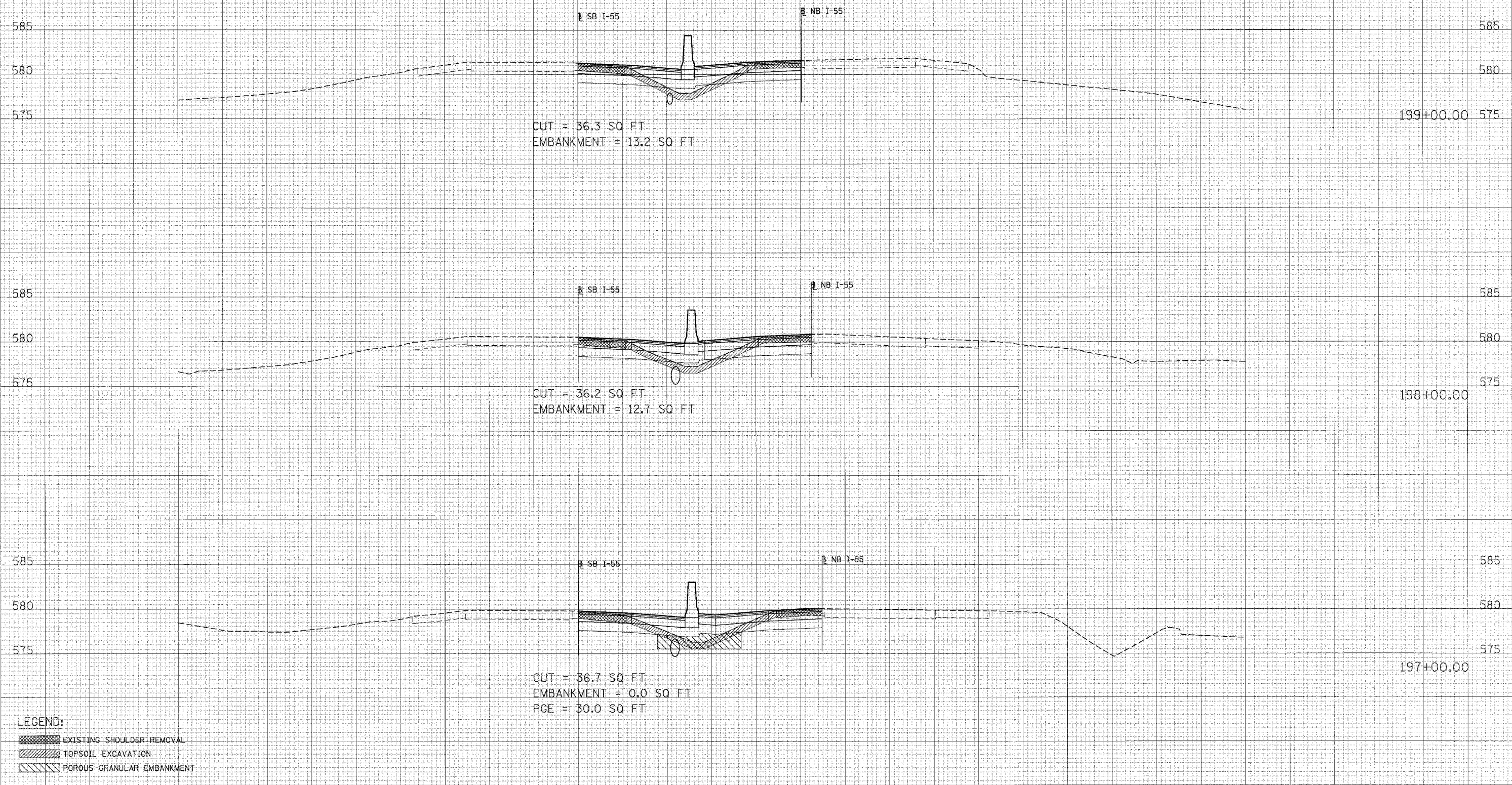
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	282
STA. 197+00.00		TO STA. 199+00.00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY
 SURVEYED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

ORIGINAL SURVEY
 SURVEYED _____
 TEMPLATE _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

PLOT DATE = 00/00/00
 FILE NAME = I-55
 PLOT 5" = 100 FT
 USER NAME = USER



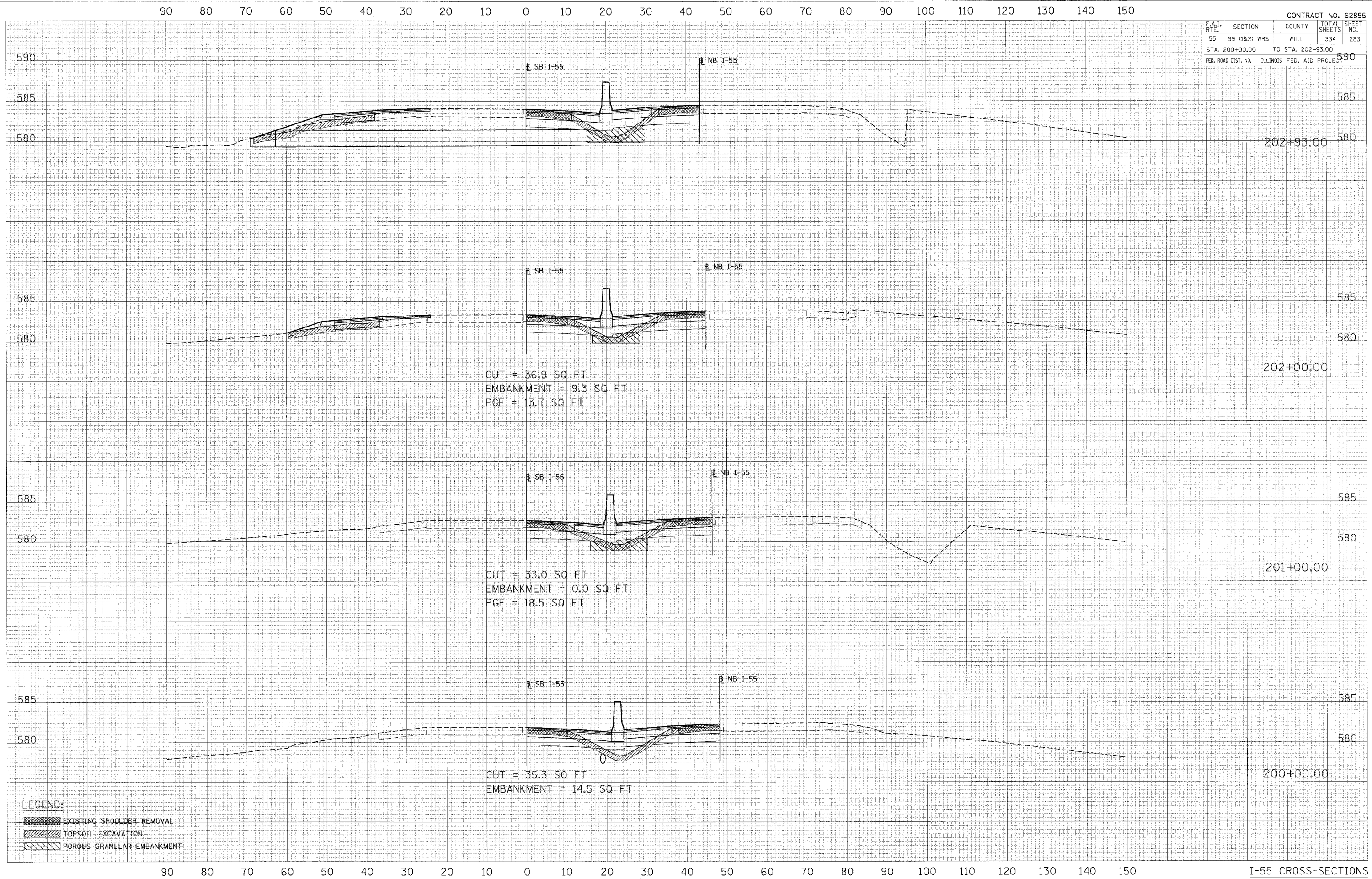
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895				
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&Z) WRS	WILL	334	283
STA. 200+00.00		TO STA. 202+93.00		590
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY
 SURVEYED
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED

UNUSUAL SURVEY
 SURVEYED
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED

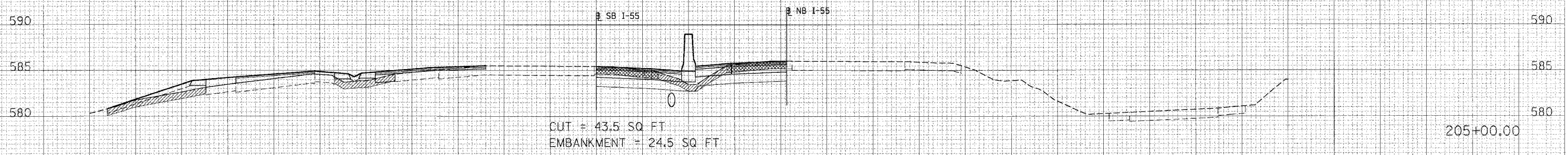
PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SIZE = #SCALE#
 USER No. = #USER#



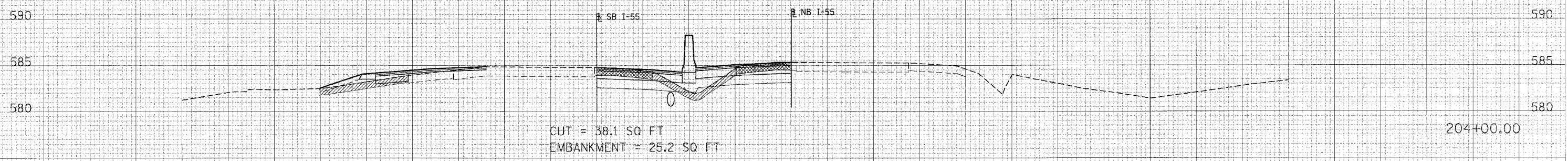
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

F.A.I. CONTRACT NO. 62895	
RTE. SECTION	COUNTY TOTAL SHEETS
55 99 (1&2) WRS	WILL 334 284
STA. 203+00.00 TO STA. 205+00.00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

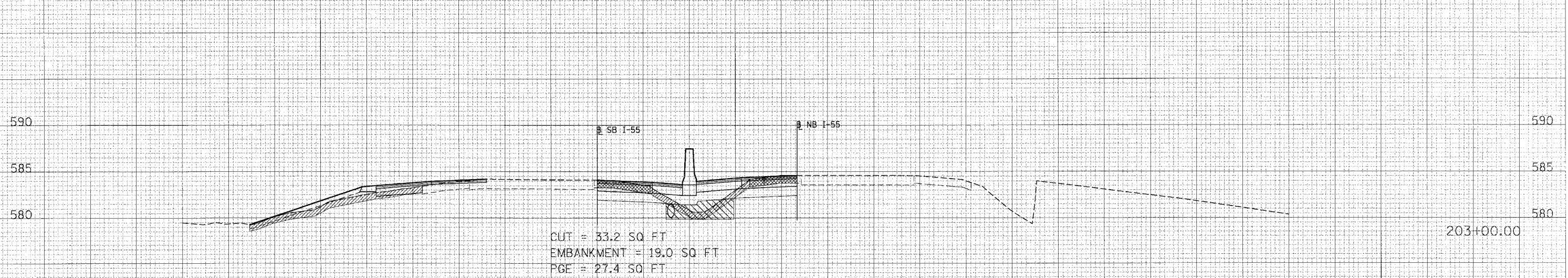
FINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED



ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED



PLOT DATE = 8/27/88
 FILE NAME = 87LEL8
 PLOT BY = 87CML8
 USER N. L.



- LEGEND:**
- EXISTING SHOULDER REMOVAL
 - TOPSOIL EXCAVATION
 - POROUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

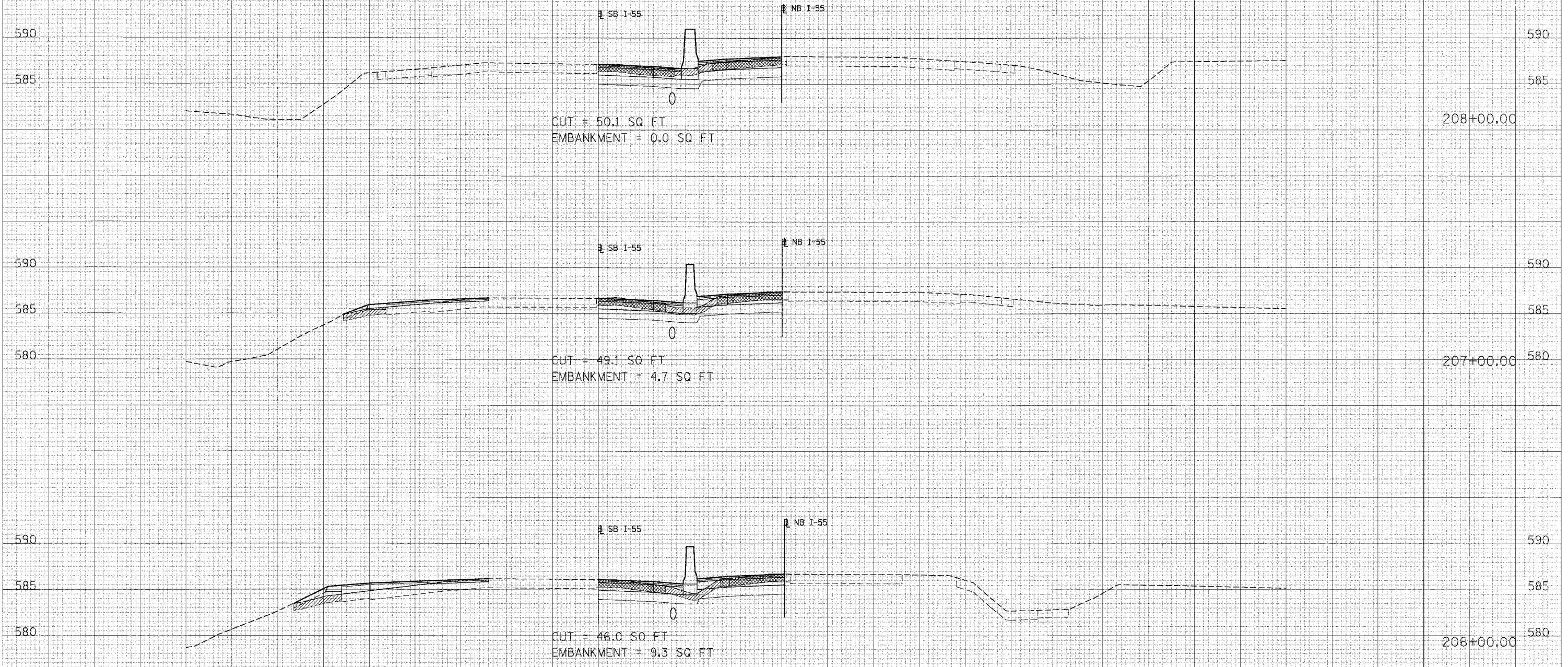
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895				
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	285
STA. 206+00.00 TO STA. 208+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

PLOT DATE = _____
 FILE NAME = _____
 PLOT SIZE = _____
 USER NO. = _____



LEGEND:
 EXISTING SHOULDER REMOVAL
 TOPSOIL EXCAVATION
 POROUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

I-55 CROSS-SECTIONS

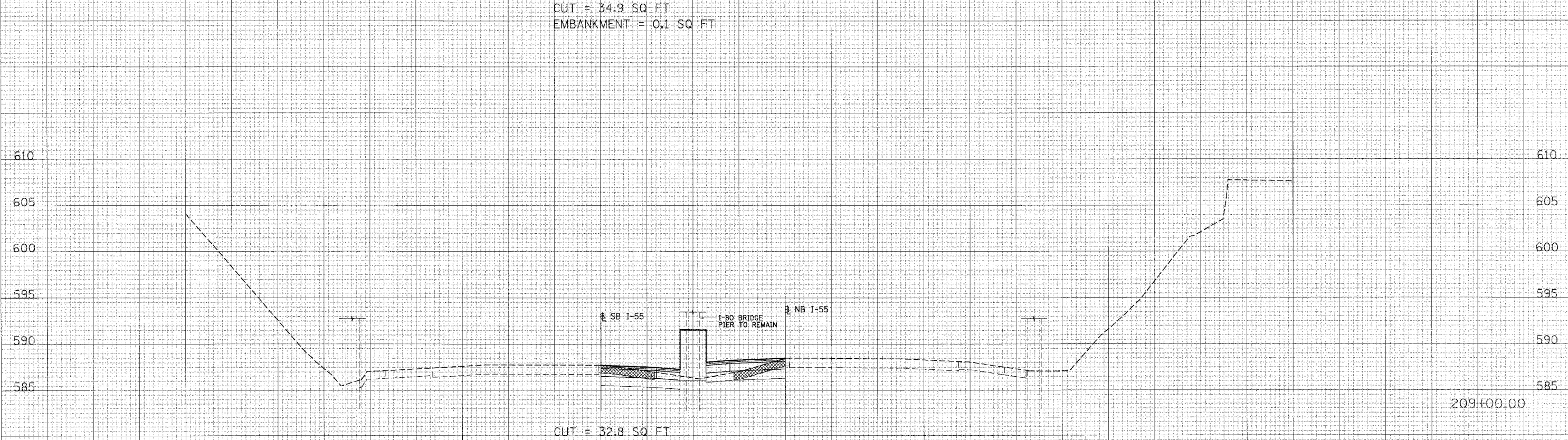
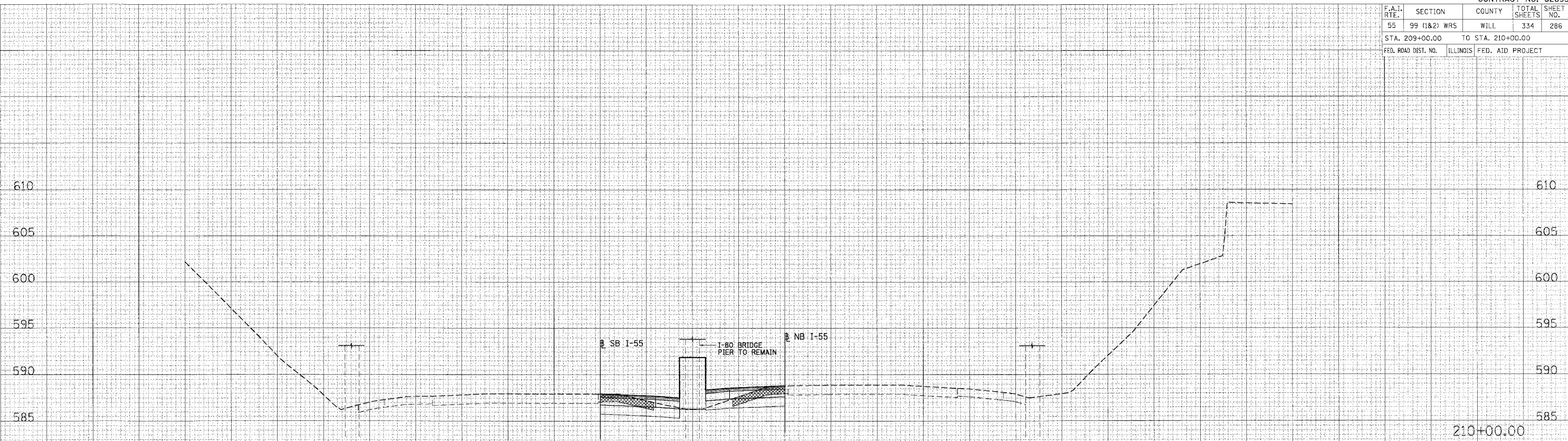
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	286
STA. 209+00.00		TO STA. 210+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO. _____
 SURVEYED BY _____
 CHECKED BY _____
 DATE _____

ORIGINAL SURVEY NOTE BOOK NO. _____
 SURVEYED BY _____
 CHECKED BY _____
 DATE _____

PLOT DATE = 01/15/08
 FILE NAME = 011508
 PLOT SC = 8SCALE
 USER NA = 011508

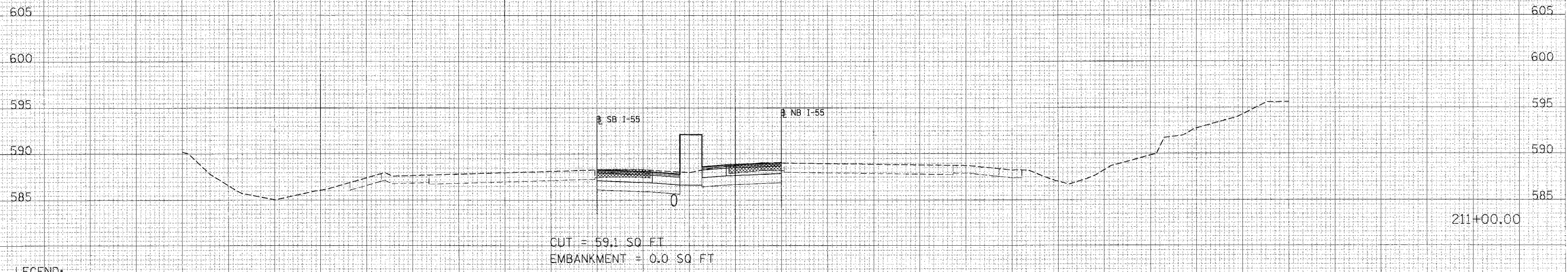
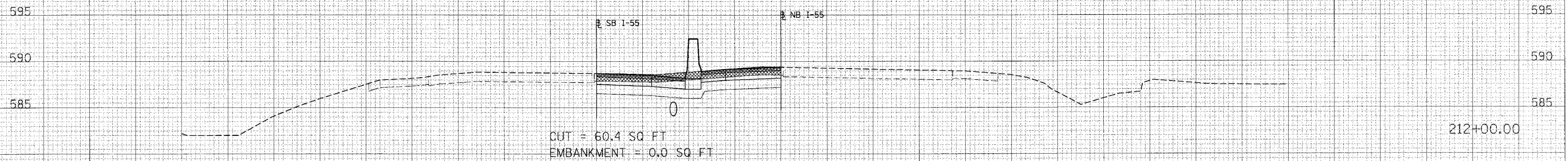
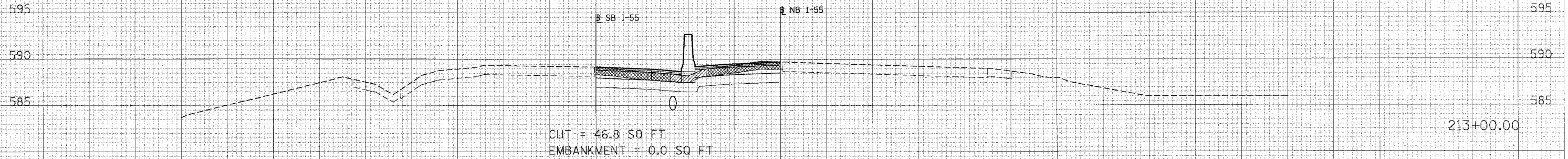


- LEGEND:**
- EXISTING SHOULDER REMOVAL
 - TOPSOIL EXCAVATION
 - POROUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895				
F.A.I. R.T.L.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	287
STA. 211+00.00		TO STA. 213+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



FINAL SURVEY PLOTTED
NOTE BOOK NO. _____
AREAS CHECKED _____

UNORIGINAL SURVEY PLOTTED
NOTE BOOK NO. _____
AREAS CHECKED _____

PLOT DATE = 04/18/08
FILE NAME = 081108
PLOT 5' = 1" SCALE
USER No. = 000000

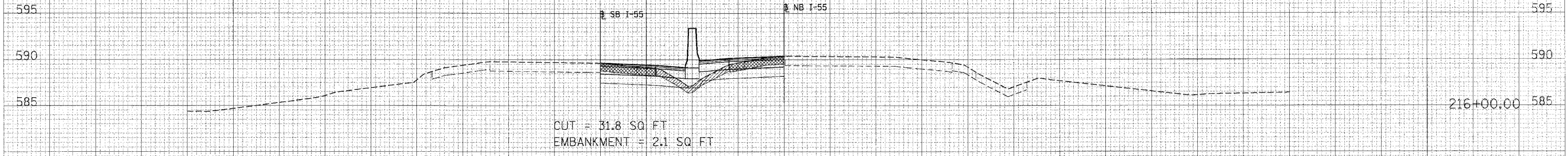
- LEGEND:**
- EXISTING SHOULDER REMOVAL
 - TOPSOIL EXCAVATION
 - PGRIOUS GRANULAR EMBANKMENT

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

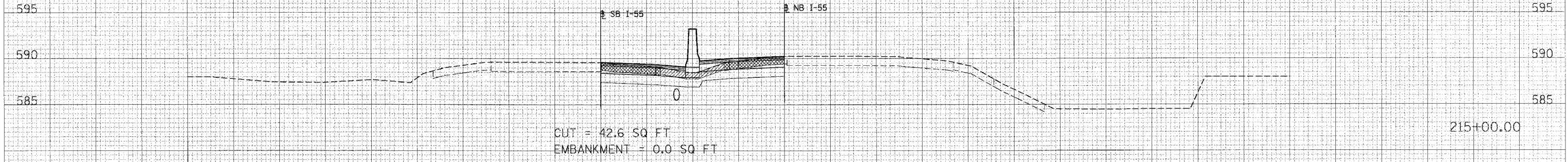
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	288
STA. 214+00.00		TO STA. 216+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

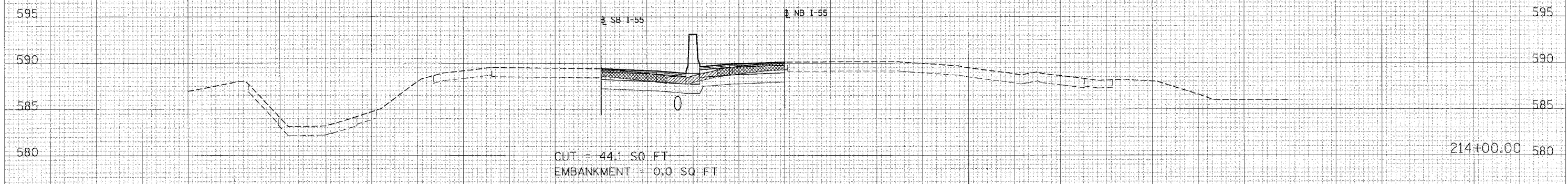
SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____



SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____



SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____



LEGEND:
 EXISTING SHOULDER REMOVAL
 TOPSOIL EXCAVATION
 POROUS GRANULAR EMBANKMENT

PLOT DATE = 8/24/05
 PLOT TIME = 10:00 AM
 USER NAME = J. W. BAKER

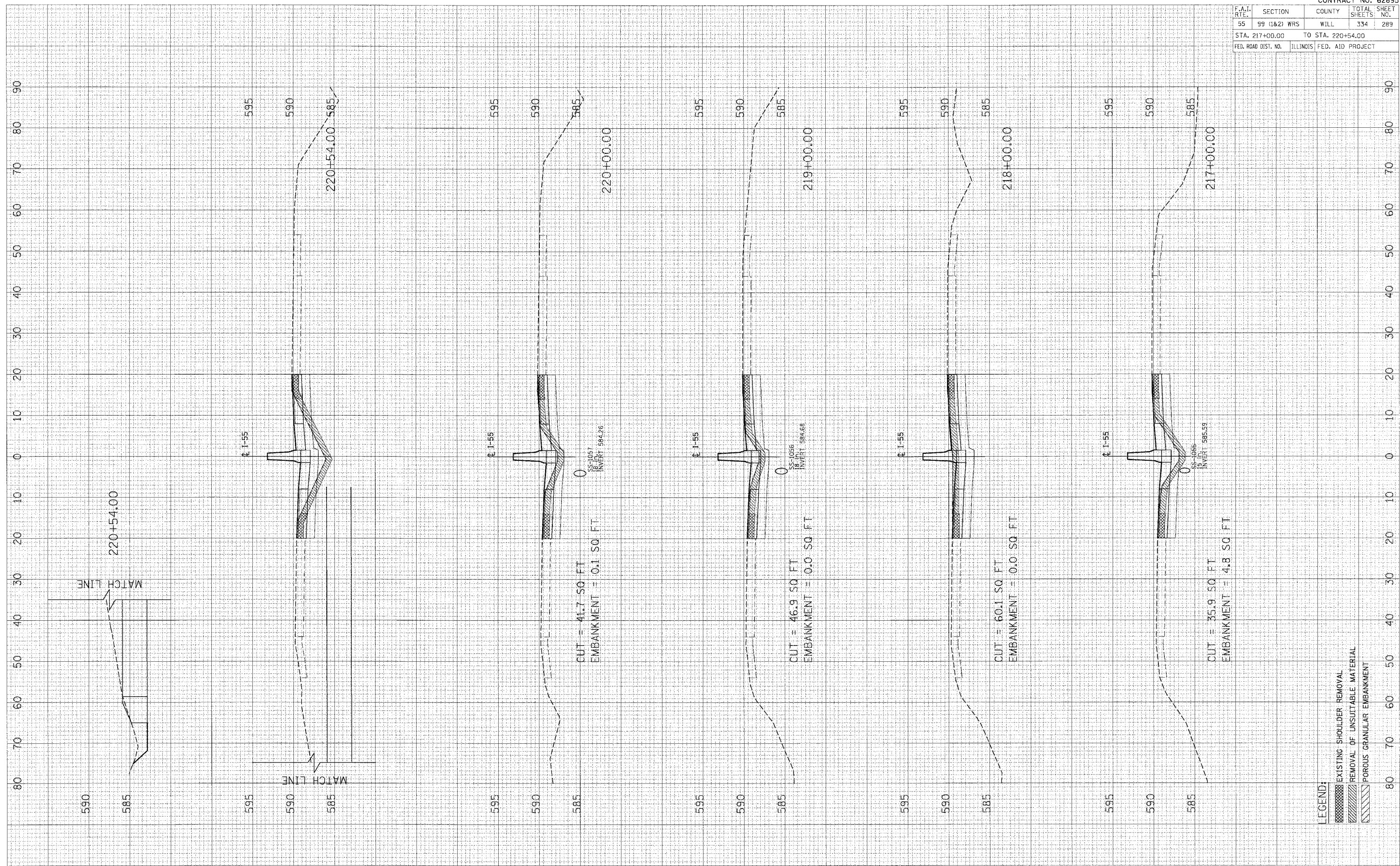
90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	289
STA. 217+00.00		TO STA. 220+54.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY SURVEYED SURVEYED SURVEYED
NOTE BOOK TEMPLATE AREAS CHECKED
NO. AREAS CHECKED

UNRECORDED SURVEY SURVEYED SURVEYED SURVEYED
NOTE BOOK TEMPLATE AREAS CHECKED
NO. AREAS CHECKED

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SIZE = #SCALE#
USER NAME = #USER#

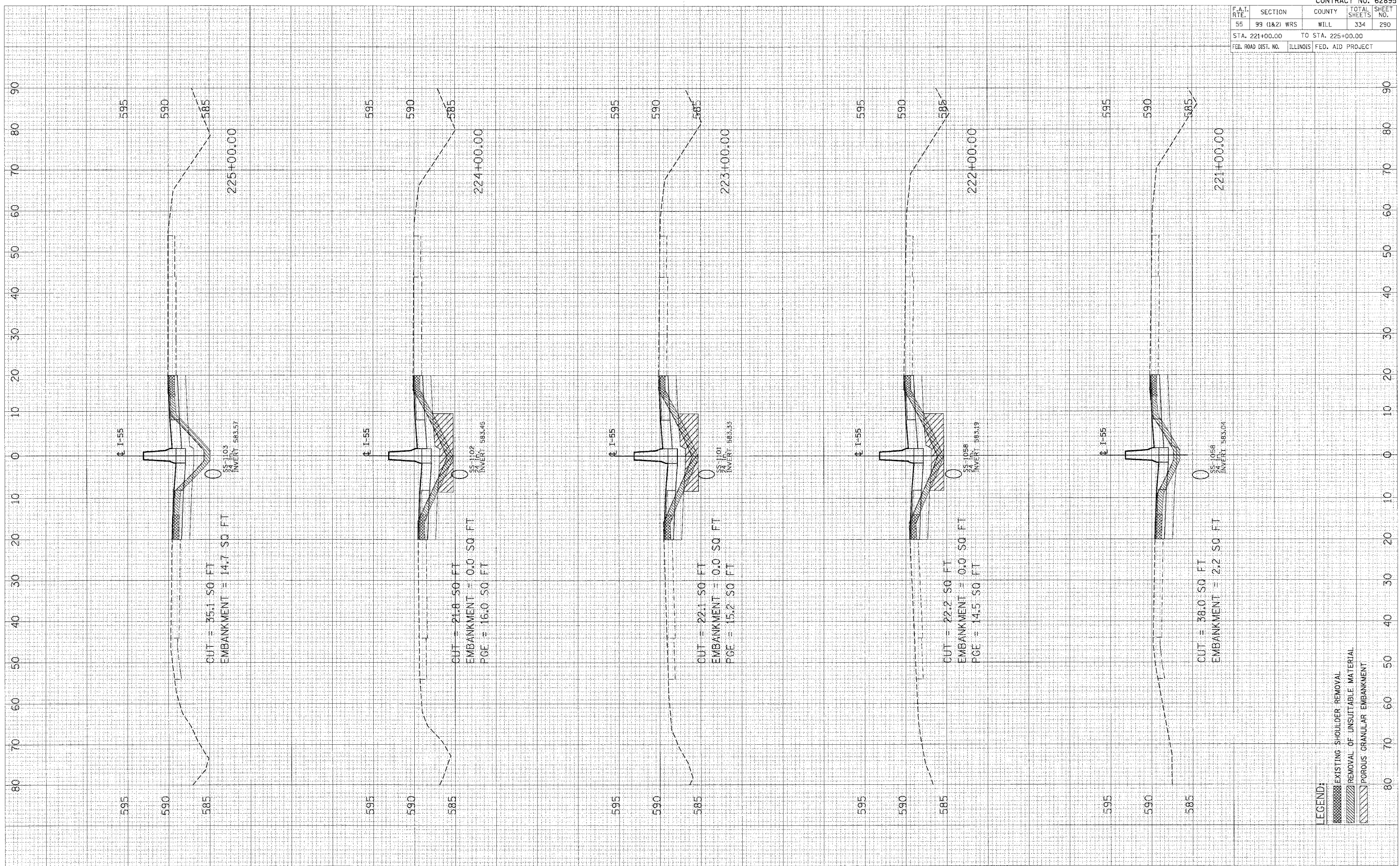


ORIGINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED
 NO.

ORIGINAL SURVEY PLOTTED
 SURVEY PLOTTED
 NOTE BOOK TEMPLATE
 AREAS CHECKED
 NO.

PLOT DATE = 04/18/08
 FILE NAME = 041808
 PLOT BY = JSC/MLB
 USER No. = 000000

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	290
STA. 221+00.00		TO STA. 225+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

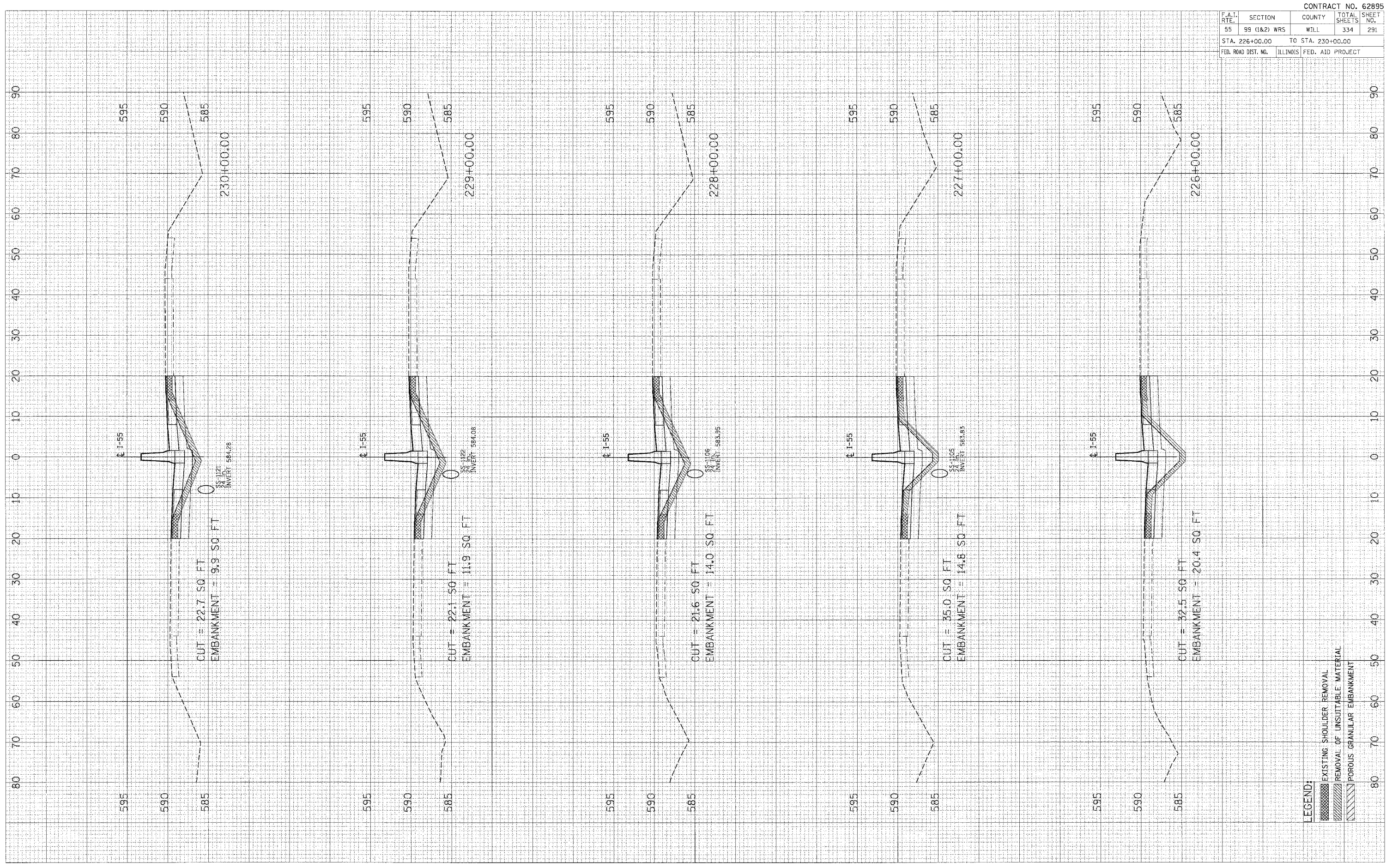


LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Diagonal Lines Box] REMOVAL OF UNSUITABLE MATERIAL
 [Dotted Box] POROUS GRANULAR EMBANKMENT

PLOT DATE = 04/26/08
 FILE NAME = 8FLE18
 PLOT SP = 850/1180
 USER No. = 40808

ORIGINAL SURVEY
 PLOTTED
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED

FINAL SURVEY
 PLOTTED
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED



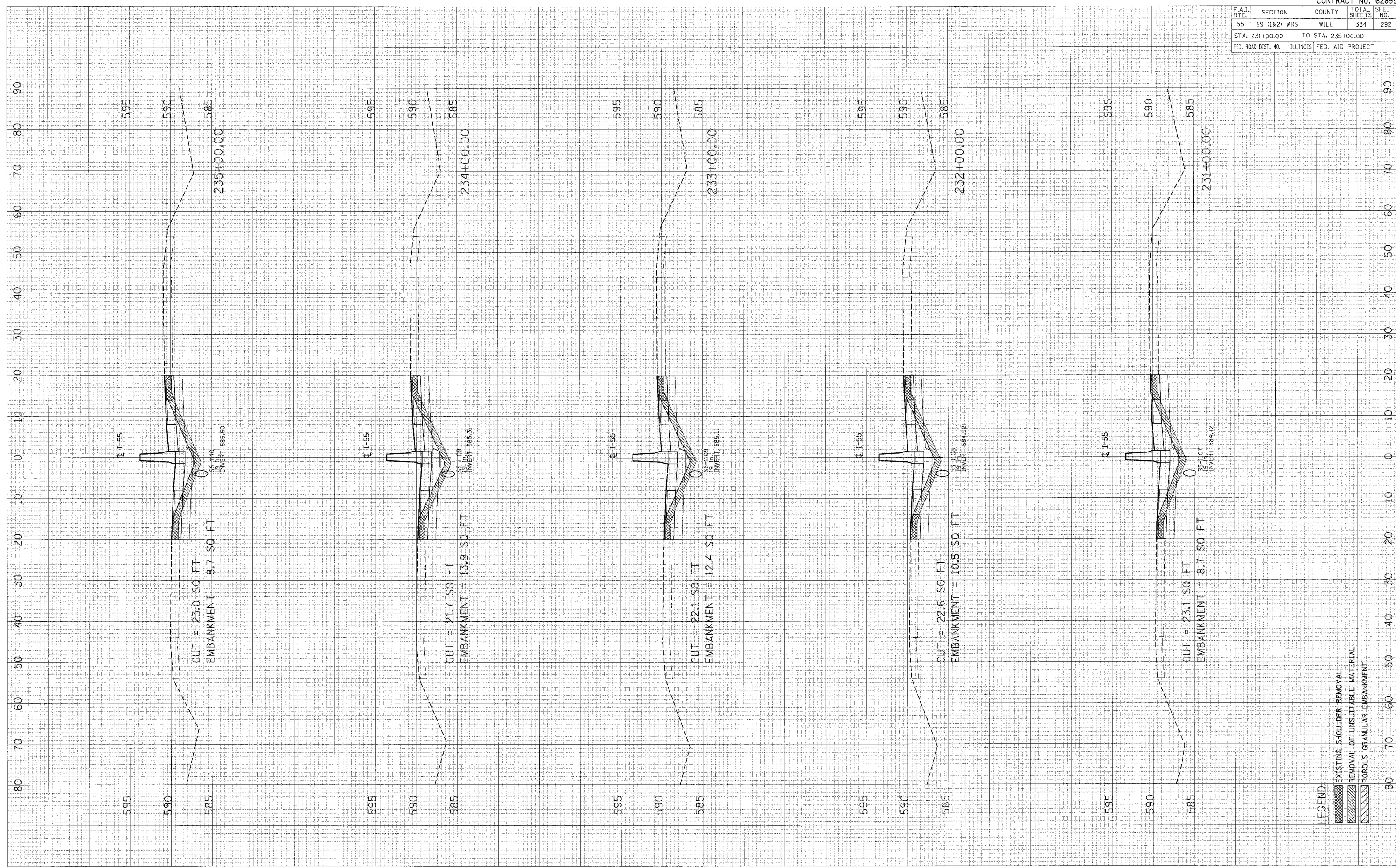
CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	291
STA. 226+00.00		TO STA. 230+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 62895				
F.A.I. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	292
STA. 231+00.00		TO STA. 235+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO. _____
 SURVEYED _____
 TEMPLATE _____
 AREAS CHECKED _____

ORIGINAL SURVEY NOTE BOOK NO. _____
 SURVEYED _____
 TEMPLATE _____
 AREAS CHECKED _____

PLOT DATE = 04/25/08
 FILE NAME = 0711E1
 PLOT ST = 050000
 USER No. = 01508P

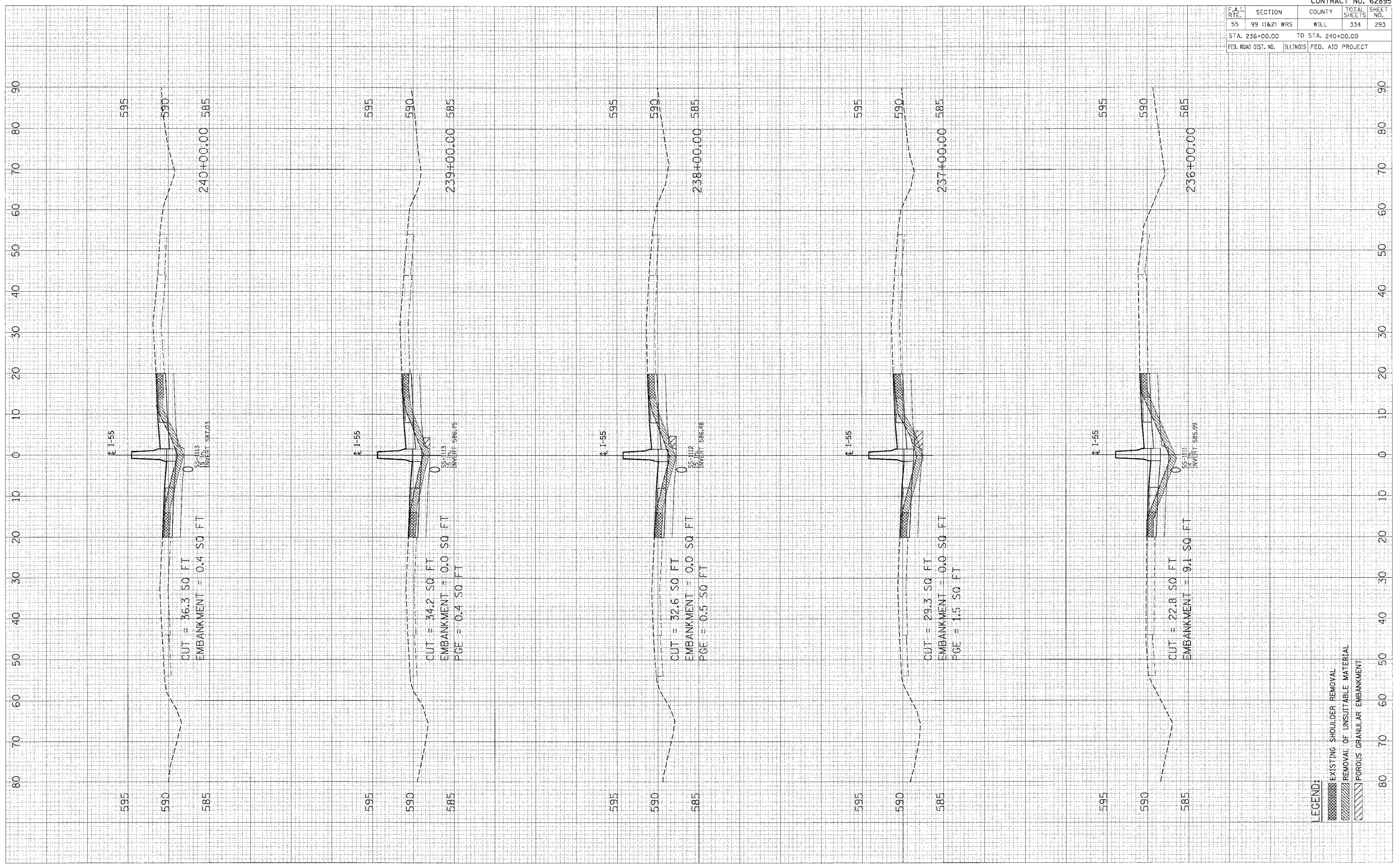


LEGEND:
 [Cross-hatch] EXISTING SHOULDER REMOVAL
 [Diagonal Line] REMOVAL OF UNSUITABLE MATERIAL
 [Dotted] POROUS GRANULAR EMBANKMENT

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT BY = #DRAWER#
 USER No. = #USER#

ORIGINAL SURVEY PLOTTED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO.

REVISIONS SURVEY PLOTTED
 NOTE BOOK TEMPLATE AREAS CHECKED
 NO.



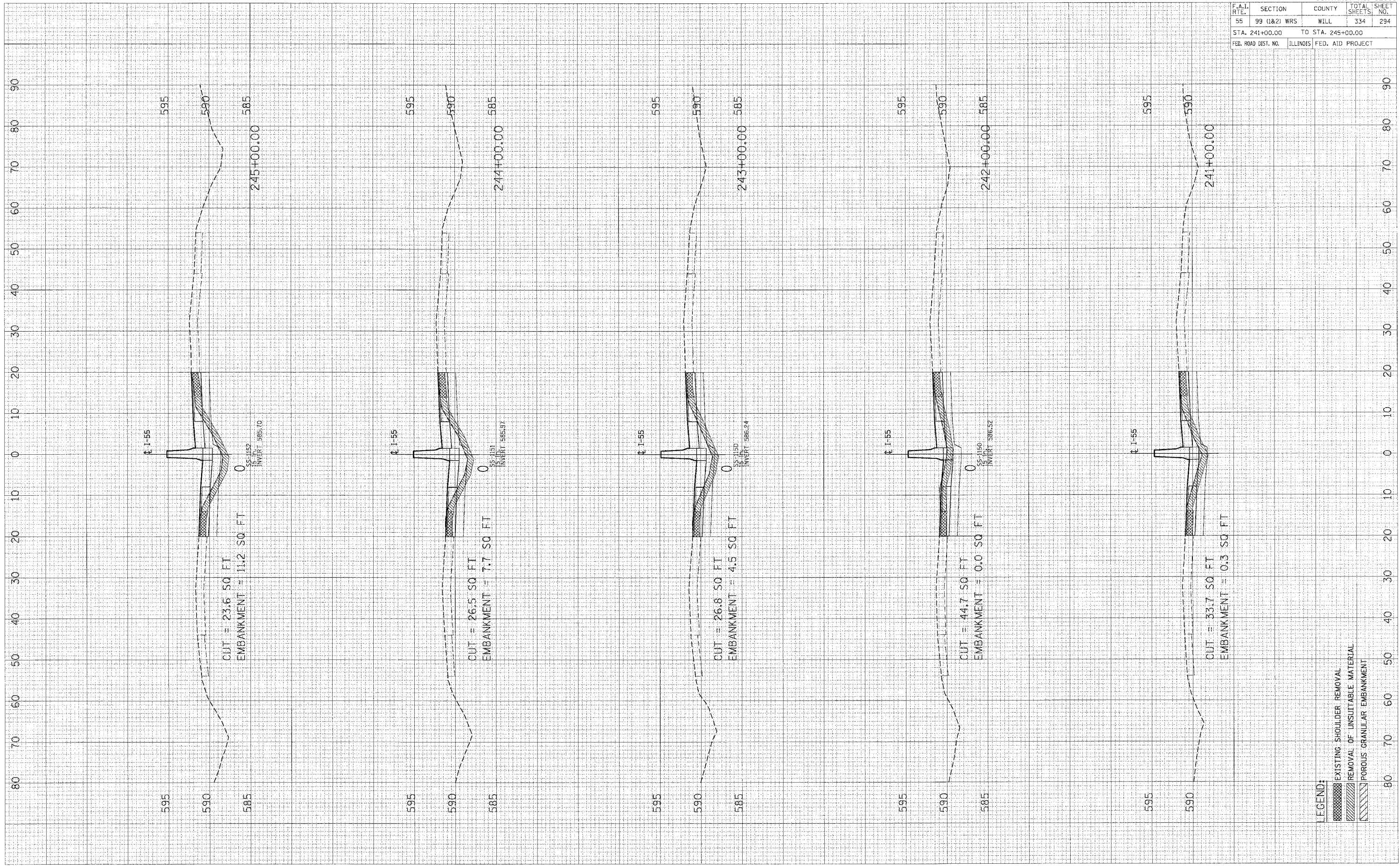
LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Diagonal Lines Box] REMOVAL OF UNSUITABLE MATERIAL
 [Cross-hatched Box] POROUS GRANULAR EMBANKMENT

CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	293
STA. 236+00.00		TO STA. 240+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PLOT DATE : DATE
 FILE NAME : FILE#
 PLOT SC : SCALE
 USER : USER#

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO.
 AREAS CHECKED

FINAL SURVEY PLOTTED
 NOTE BOOK NO.
 AREAS CHECKED



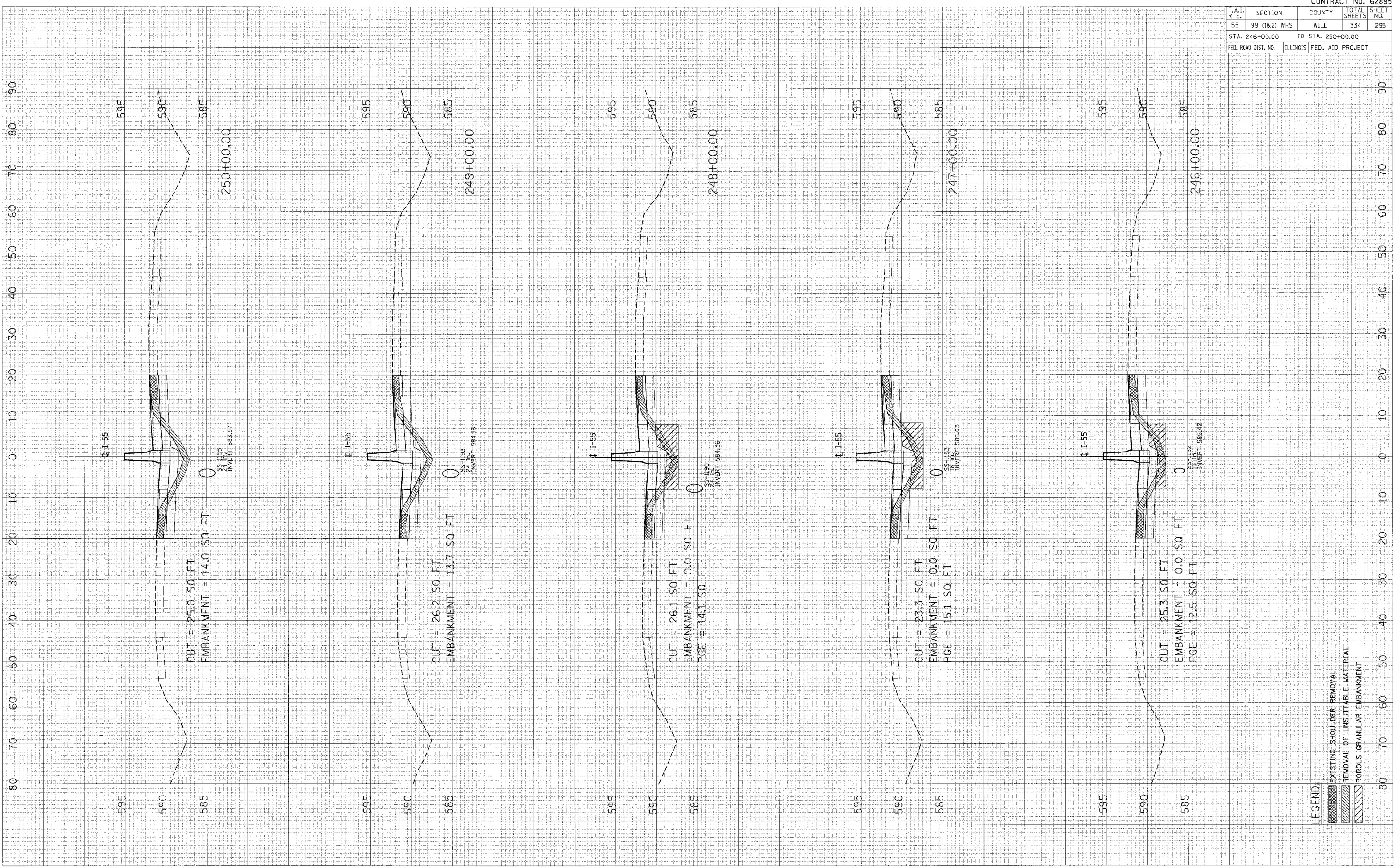
CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	294
STA. 241+00.00 TO STA. 245+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

F.A.T. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	295
STA. 246+00.00 TO STA. 250+00.00		ILLINOIS FED. AID PROJECT		

FIELD SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED

FIELD SURVEY
 SURVEYED
 PLOTTED
 NOTE BOOK NO. _____
 AREAS CHECKED

DATE
 DRAWN BY
 CHECKED BY
 USER NO.



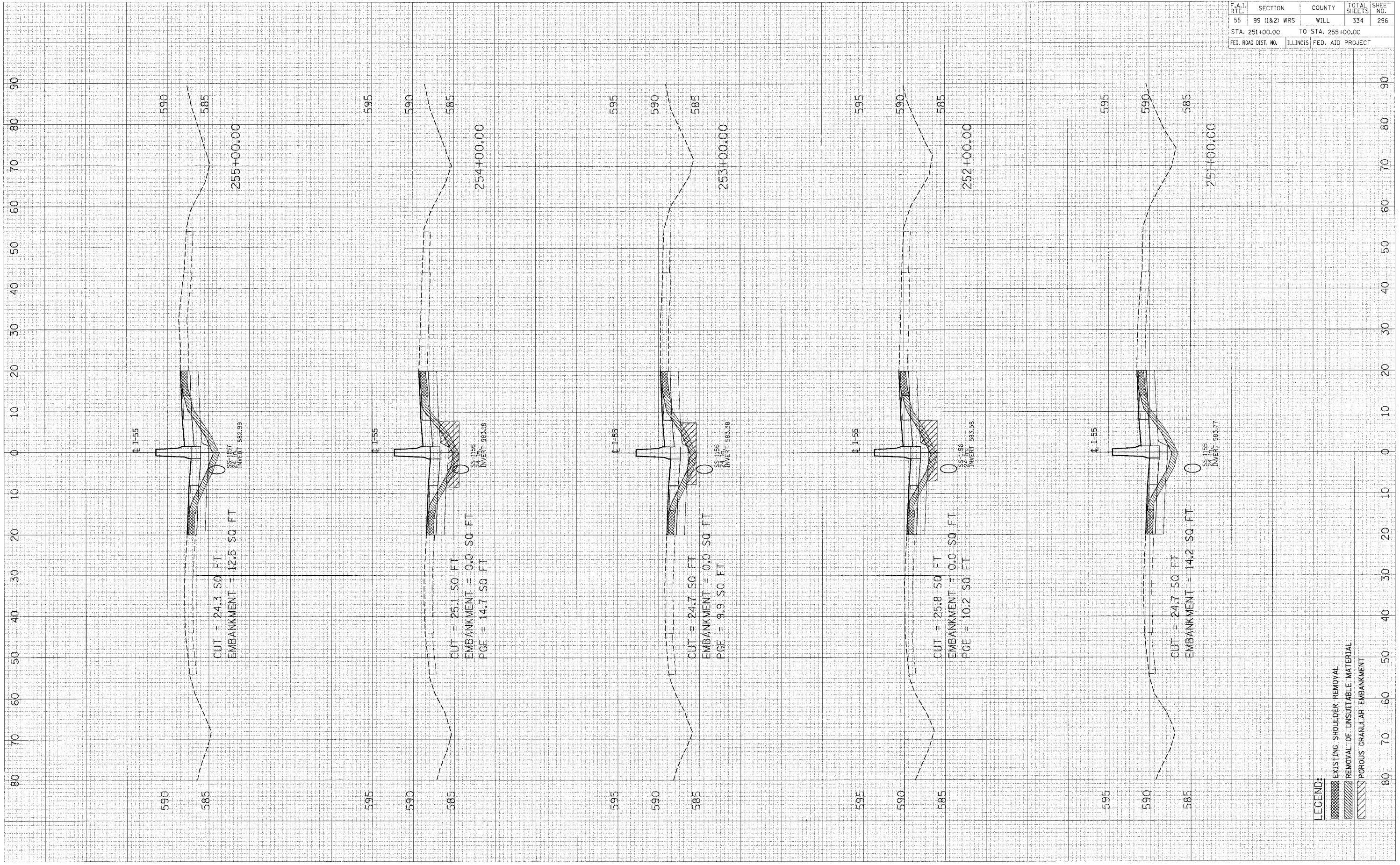
LEGEND:
 [Diagonal Lines] EXISTING SHOULDER REMOVAL
 [Horizontal Lines] REMOVAL OF UNSUITABLE MATERIAL
 [Vertical Lines] POROUS GRANULAR EMBANKMENT

CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (I&2) WRS	WILL	334	296
STA. 251+00.00		TO STA. 255+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FINAL SURVEY SURVEYED SURVEYED
NOTE BOOK TEMPLATE
AREAS CHECKED AREAS CHECKED

ORIGINAL SURVEY SURVEYED SURVEYED
NOTE BOOK TEMPLATE
AREAS CHECKED AREAS CHECKED

PLOT DATE = 04/18/18
FILE NAME = 4155
PLOT SC = 4500
USER NAME = RUSSELL



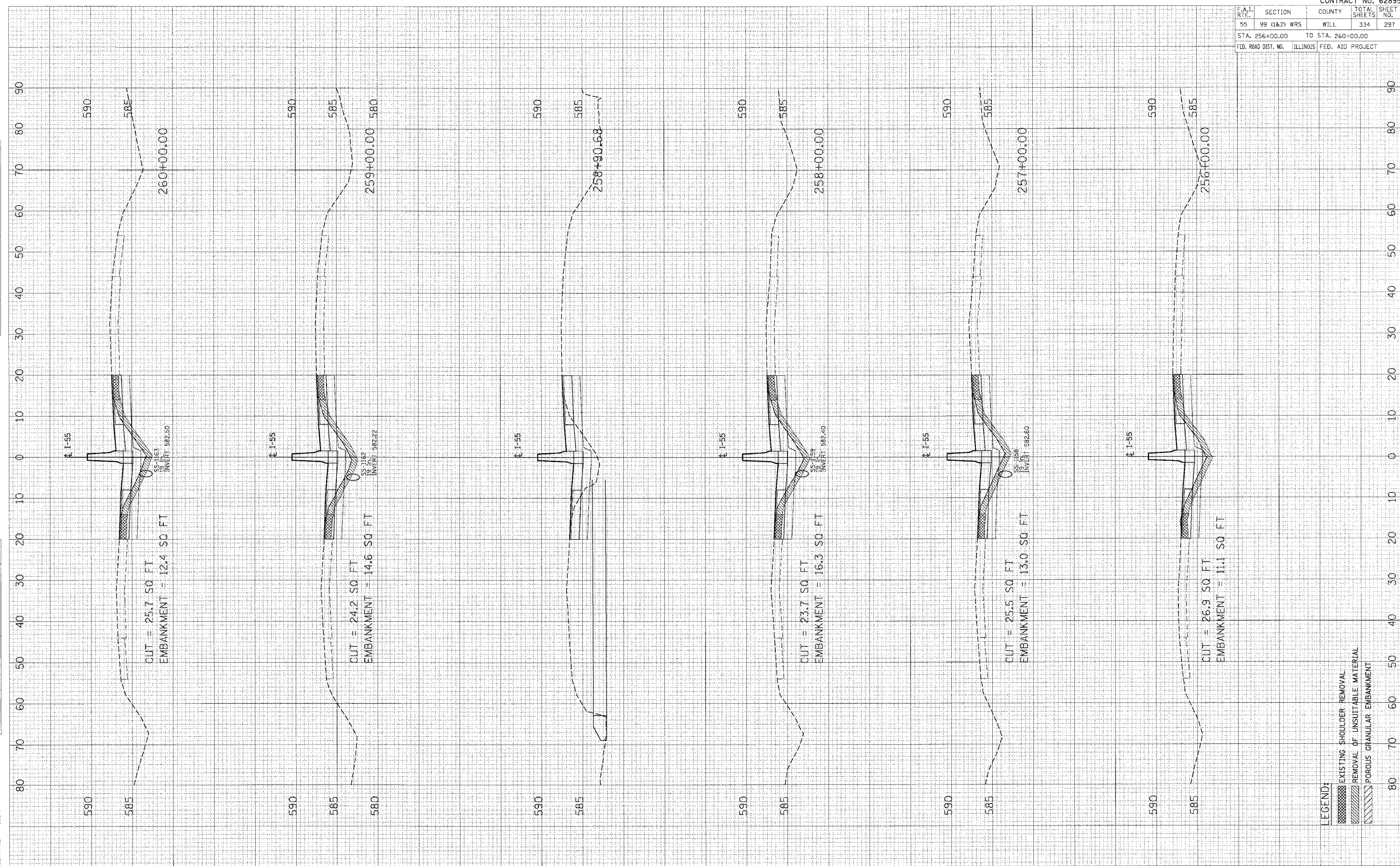
LEGEND:
 EXISTING SHOULDER REMOVAL
 REMOVAL OF UNSUITABLE MATERIAL
 POROUS GRANULAR EMBANKMENT

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	297
STA. 256+00.00		TO STA. 260+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY PLOTTED DATE AREAS CHECKED

FINAL SURVEY PLOTTED DATE AREAS CHECKED

PLT DATE = 8/15/85
 PLT NAME = J. W. HALL
 PLT SF = 8500
 USER NO. = 010000

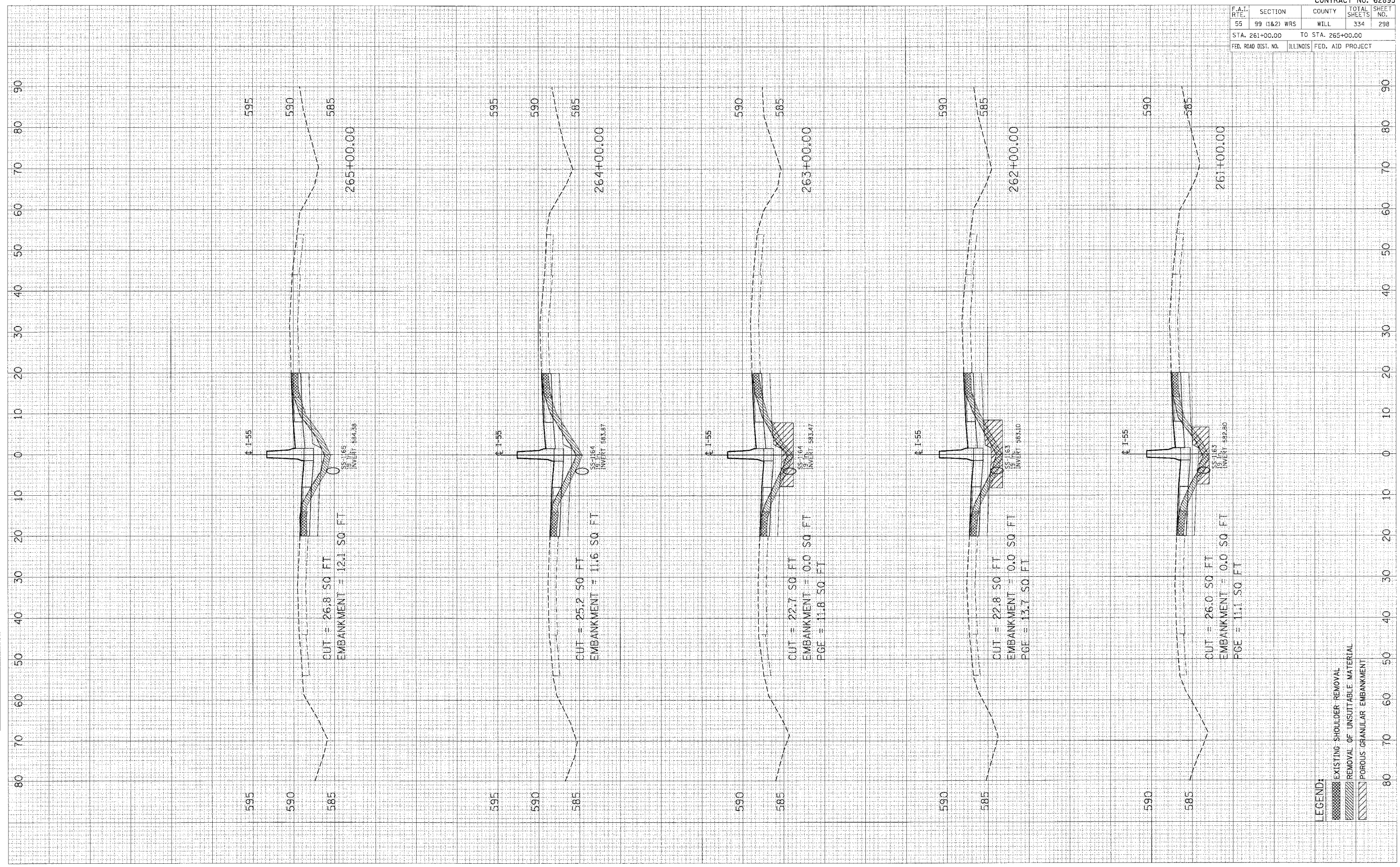


CONTRACT NO. 62895				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	298
STA. 261+00.00		TO STA. 265+00.00		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	

FINAL SURVEYED SURVEY NOTE BOOK AREAS CHECKED

ORIGINAL SURVEYED SURVEY NOTE BOOK AREAS CHECKED

PLOT DATE = 04/15/08
 FILE NAME = WFILE18
 PLOT SIZE = 8.5x11.0
 USER NAME = AUBER#



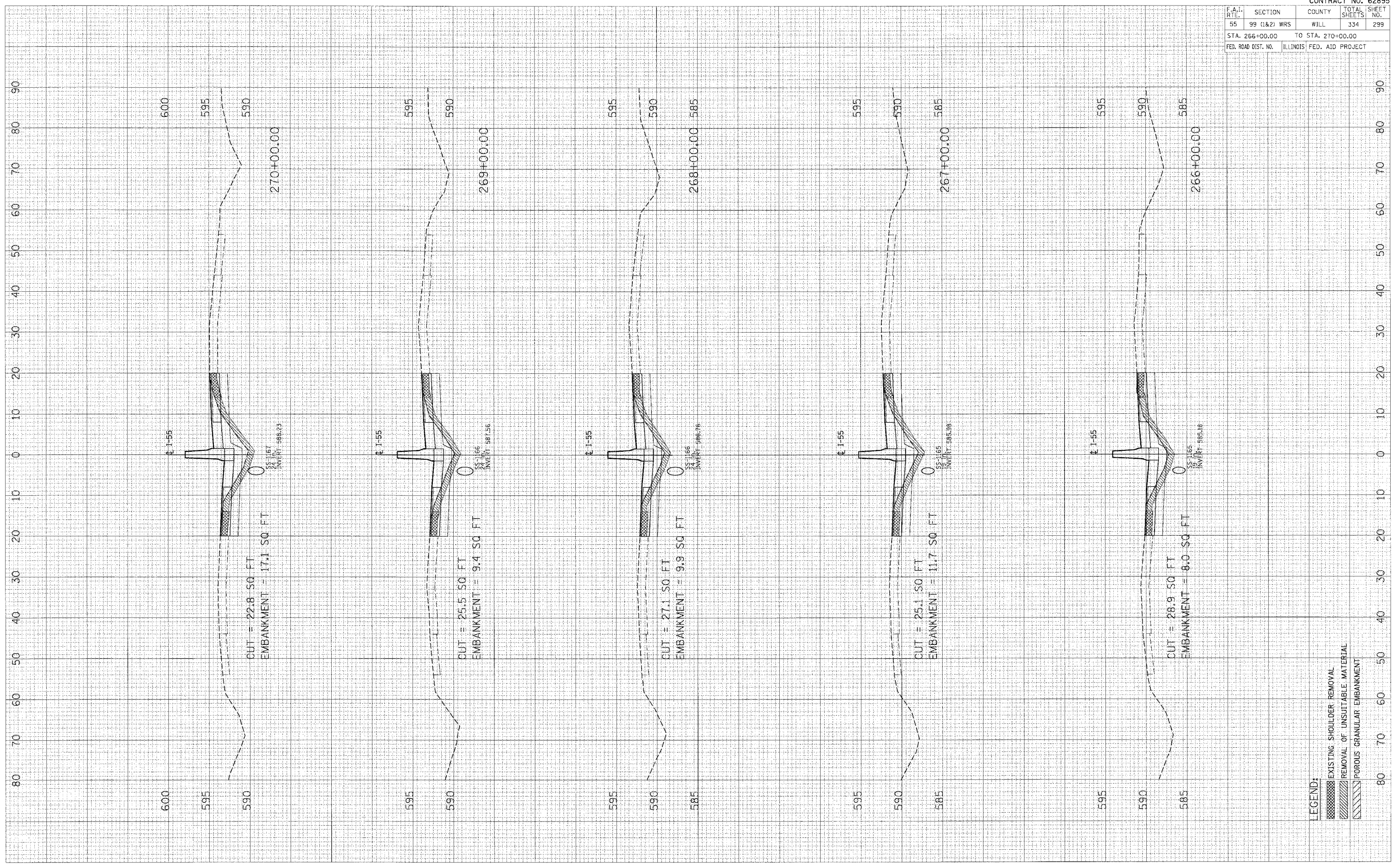
LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Diagonal Lines] REMOVAL OF UNSUITABLE MATERIAL
 [Cross-hatched Box] POROUS GRANULAR EMBANKMENT

SUBMITTED
 SURVEY
 PLOTTED
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED
 NO.

ORIGINAL
 SURVEY
 PLOTTED
 NOTE BOOK
 TEMPLATE
 AREAS CHECKED
 NO.

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SIZE = #SCALE#
 USER NAME = #USER#

CONTRACT NO. 62895				
F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	299
STA. 266+00.00		TO STA. 270+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

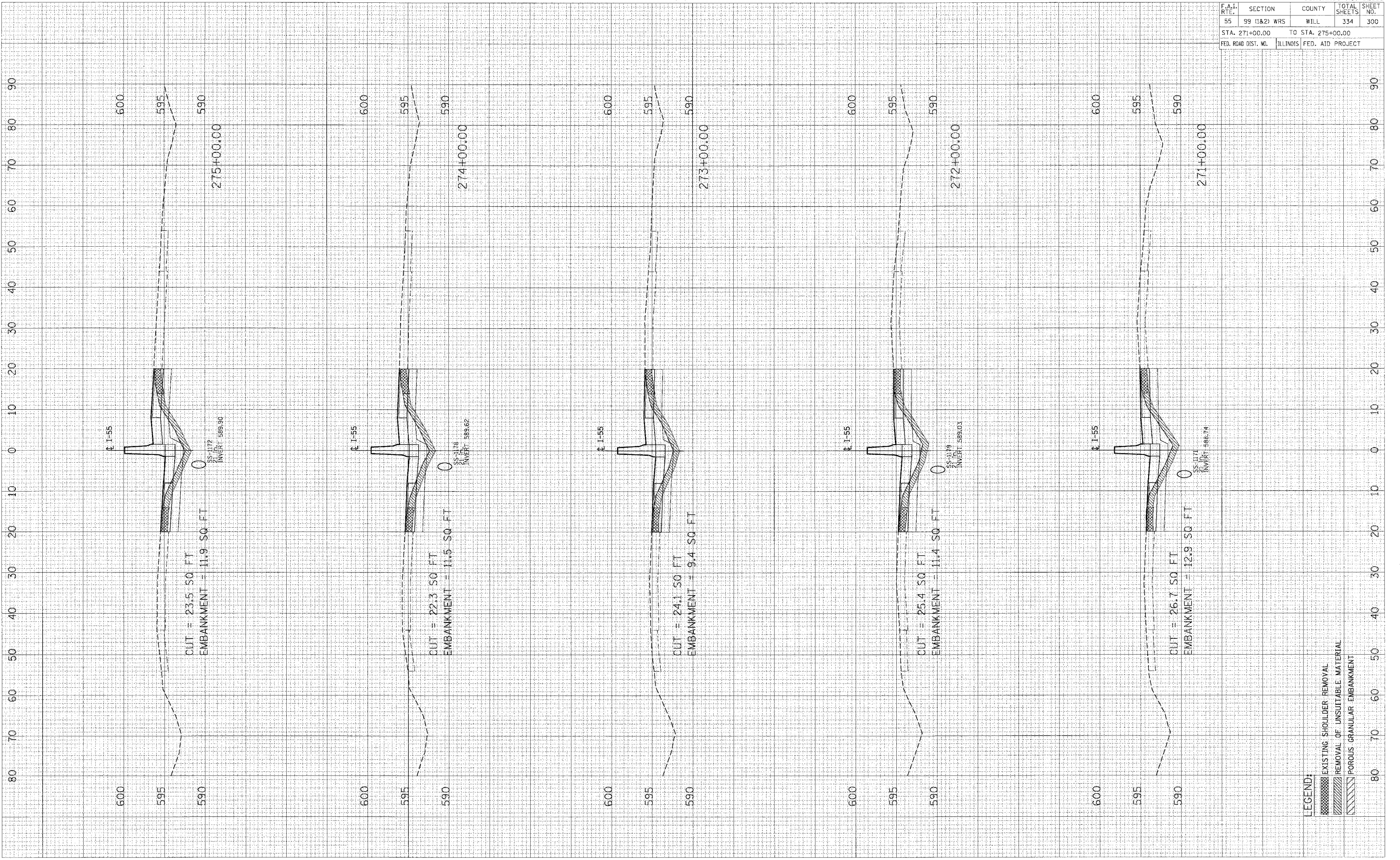


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99 (1&2) WRS	WILL	334	300
STA. 271+00.00 TO STA. 275+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SURVEYED
 PLOTTED
 CHECKED
 DATE
 NO.

SURVEYED
 PLOTTED
 CHECKED
 DATE
 NO.

PLOT DATE =
 FILE NAME =
 PLOT SIZE =
 USER NAME =



LEGEND:
 [Hatched Box] EXISTING SHOULDER REMOVAL
 [Diagonal Lines] REMOVAL OF UNSUITABLE MATERIAL
 [Cross-hatched Box] POROUS GRANULAR EMBANKMENT