

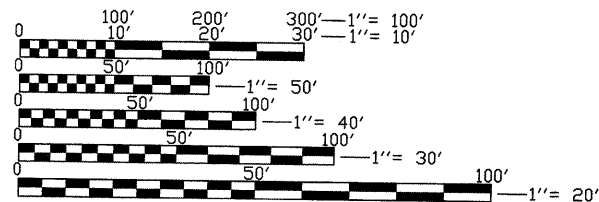
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DESIGN DESIGNATION

1099 (ADT)(31) LOCAL STREET
30 MPH DESIGN SPEED
3R/APPROACHES

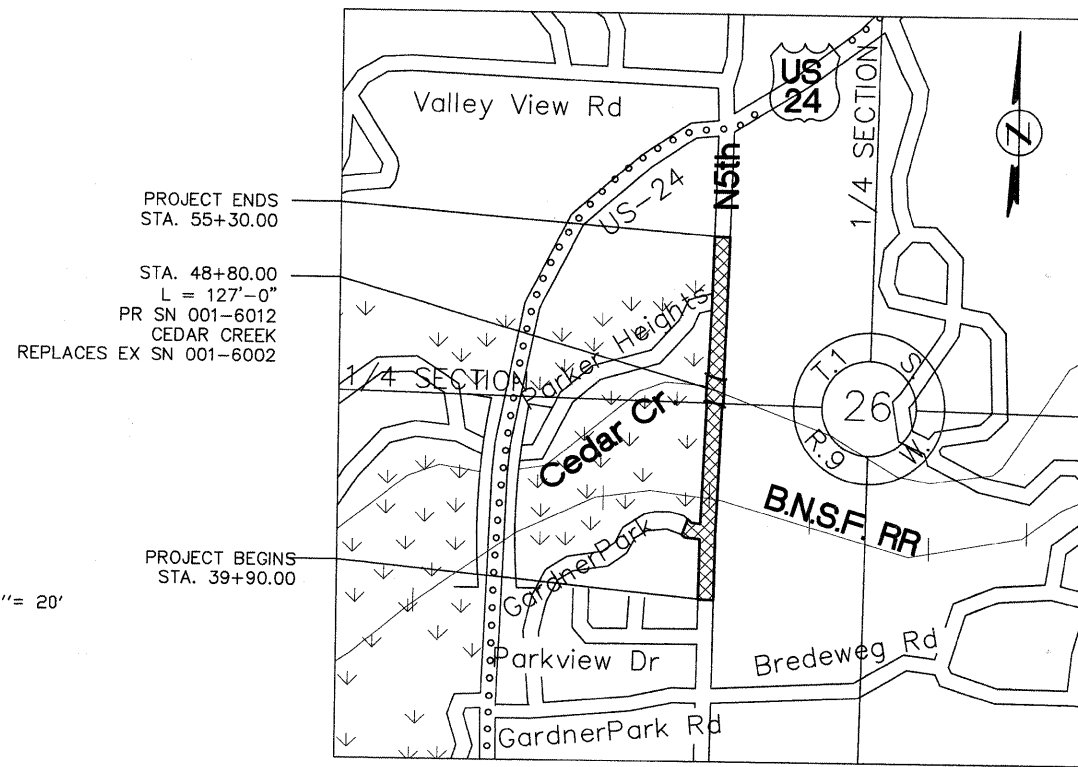
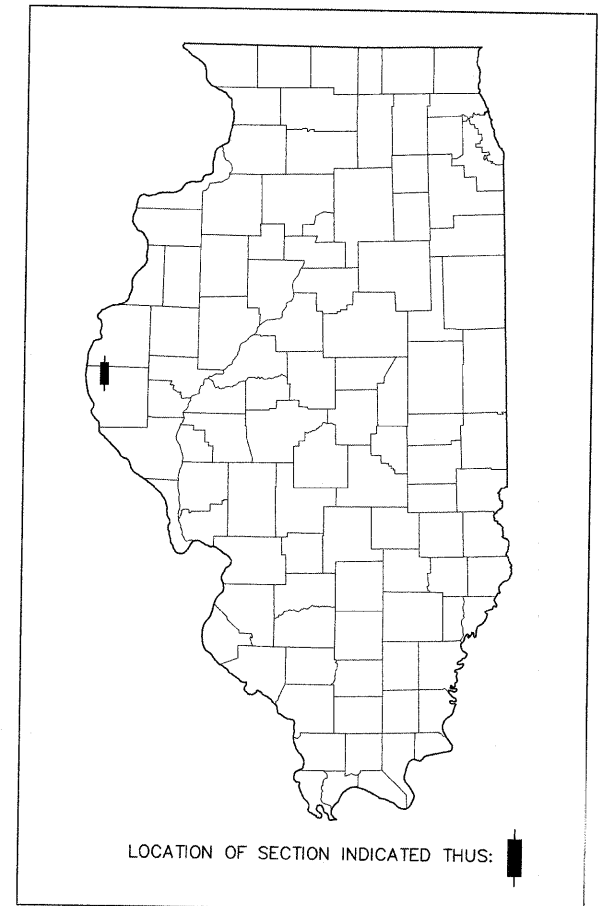


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
BUREAU OF LOCAL ROADS / STREETS

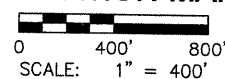
PROPOSED STREET and BRIDGE PLANS

NORTH 5th STREET BRIDGE
SECTION 03-00289-00-BR
PROJECT NO. BRM-5058(028)
MAJOR BRIDGE PROGRAM
CITY OF QUINCY, ADAMS COUNTY
C-96-229-07

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5th ST	03-00289-00-BR	ADAMS	90	1



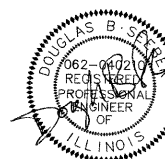
LOCATION MAP



4TH. P.M.

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE REMOVAL OF THE EXISTING STRUCTURE AND CONSTRUCTION OF A NEW BRIDGE (127 FT B/B ABUTMENTS) WHICH INCLUDES PLACING OF RIPRAP IN THE CHANNEL, CONSTRUCTION OF THE CONCRETE ABUTMENTS, PLACEMENT OF 52" WEB PLATE GIRDERS, POURED CONCRETE DECK, CONCRETE BARRIER WALL, EARTHWORK AND ASSOCIATED WITH THE ROADWAY IMPROVEMENTS..



DOUGLAS B. SEEBER
062-040210
EXP. DATE 11/30/11
THIS SEAL COVERS SHEETS: 1-38, 57-90

12/8/10
DATE

APPROVED	DECEMBER 8th	20 10
	<i>Jeffrey H. Stenlund</i> CITY ENGINEER	
APPROVED	DECEMBER 8th	20 10
	<i>John A. Prunty</i> MAYOR	
PASSED	January 6, 2011	20 11
	<i>Terence H. Fountain</i> DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS	
PASSED	January 9	20 11
	<i>Ron Duchambean</i> DISTRICT SIX ENGINEER OF CONSTRUCTION	
Releasing For Bid Based on Limited Review	January 6, 2011	20 11
	<i>Roger L. Drakell</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

PSBA
POEPPING, STONE, BACH & ASSOCIATES, INC.
ARCHITECTS ENGINEERS PLANNERS SURVEYORS

100 SOUTH 54TH STREET
QUINCY, ILLINOIS
PH (217) 223-4605
FAX (217) 223-1546
DESIGN FIRM REGISTRATION
NO. 184-000493

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

JULIE
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

CONTRACT NO. 93542

GROSS LENGTH OF IMPROVEMENT = 1,540.00 FEET (0.292 MILES)
NET LENGTH OF IMPROVEMENT = 1,540.00 FEET (0.292 MILES)

STANDARDS

- 000001-06
- 280001-05
- 420001-07
- 420111-03
- 420401-08
- 420501-04
- 424001-05
- 515001-03
- 542301-03
- 542601-03
- 602301-03
- 602401-03
- 602406-04
- 602601-02
- 602701-02
- 604001-03
- 604051-03
- 606001-04
- 667101-01
- 701001-02
- 701006-03
- 701011-02
- 701301-04
- 701311-03
- 701501-06
- 701901-01
- 720001-01
- 720006-02
- 780001-02
- 805001-01
- B.L.R. 14-10
- B.L.R. 21-8
- 630001-09
- 631031-09
- BLR 23-3

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON PER CUBIC YARD
STONE DUMPED RIPRAP	1.50 TON PER CUBIC YARD
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON PER SQUARE YARD (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON PER SQUARE YARD (ON AGGREGATE)
BITUMINOUS MATERIALS (COVER & SEAL COAT)	0.001425 TON PER SQUARE YARD
COVER COAT AGGREGATE	0.01 TON PER SQUARE YARD
SEAL COAT AGGREGATE	0.01 TON PER SQUARE YARD
AGGREGATE (PRIME COAT)	0.002 TON PER SQUARE YARD
BITUMINOUS SURFACE/BINDER	2.016 TON PER CUBIC YARD
NITROGEN FERTILIZER NUTRIENT	90 LBS. PER ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS. PER ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS. PER ACRE
AGRICULTURAL GROUND LIMESTONE	2 TON PER ACRE
MULCH	2 TON PER ACRE
LIME FOR MODIFIED SOILS, 12-INCH	0.02 TON PER SQUARE YARD
WATER FOR LIME MODIFIED SOILS, 12-INCH	0.007 UNITS PER SQUARE YARD (1 UNIT = 1000 GAL.)
ROCKFILL-FOUNDATION	1.89 TONS PER CUBIC YARD
ROCKFILL-SUBGRADE	1.89 TONS PER CUBIC YARD

GENERAL NOTES

1. ELEVATIONS ARE BASED ON N.G.S. VERTICAL DATUM OF 1929.
 2. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
 3. ALL DISTURBED UNSURFACED AREAS WITHIN THE RIGHT OF WAY AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS, SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION.
 4. IN ACCORDANCE WITH STATE OF ILLINOIS P.A. 86-0674, THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES NOT MORE THAN 14 DAYS NOR LESS THAN 48 HOURS (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) IN ADVANCE OF THE START OF EXCAVATION OR DEMOLITION.
- J.U.L.I.E. TELEPHONE NUMBER
1-800-892-0123
- KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF THIS IMPROVEMENT ARE:
- | | |
|---|---|
| AMEREN CIPS (ELECTRIC) | CITY OF QUINCY PUBLIC UTILITIES
(WATER, STORM, SANITARY SEWER) |
| 700 JERSEY STREET
QUINCY, IL 62306
PH. (217) 741-2503 | 2020 JENNIFER ROAD
QUINCY, IL 62306
PH. (217) 228-4588 |
| AMEREN CIPS (GAS) | AMERITECH (TELEPHONE) |
| 700 JERSEY ST
QUINCY, IL 62301
PH. (217) 221-0800 | 6TH & BROADWAY ST.
QUINCY, IL 62301
PH. (217) 224-9661 |
5. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OR UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATIONS, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH THE BURIED AND ABOVE GROUND UTILITIES REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 6. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
 7. MAINTAIN EXISTING TRAFFIC CONTROL AT ALL INTERSECTIONS DURING CONSTRUCTION.
 8. FERTILIZER NUTRIENTS SHALL BE APPLIED TO ALL SEEDING AREAS.
 9. BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
 10. ALL TREES, BRUSH AND SHRUBS WITHIN THE CONSTRUCTION LIMITS WILL BE REMOVED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TREES ALONG THE RIGHT OF WAY, OUTSIDE THE CONSTRUCTION LIMITS SHALL BE SAVED IF, IN THE OPINION OF THE ENGINEER, THEY DO NOT INTERFERE WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
 11. UNLESS OTHERWISE NOTED, THE OFFSETS SHOWN IN THE PLANS FOR THE END OF PIPE CULVERTS ARE TO THE END OF THE LAST SECTION OF PIPE, NOT TO THE END OF THE END SECTION.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	2
STA.		TO STA.		
CONTRACT NO. 93542				

COMMITMENTS:

1. QUINCY PARK DISTRICT RESERVES RIGHT TO FENCE DRIP-LINE OF TREES ALONG PERIMETER OF PROPOSED IMPROVEMENTS. NO PRUNING/CUTTING OF PERIMETER TREES IS ALLOW WITHOUT PARK DISTRICT APPROVAL.



REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
GENERAL NOTES
AND STANDARDS

SCALE: VERT. _____ DRAWN BY: DBS
HORIZ. _____ CHECKED BY: AMW
DATE _____

ITEM NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES		
				X071(0011)	J000(0004)	LOCAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	972	933	39	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	420	420		
20200100	EARTH EXCAVATION	CU YD	3,512	657	2,855	
20200200	ROCK EXCAVATION	CU YD	12			12
20300100	CHANNEL EXCAVATION	CU YD	1,030	1,030		
20300200	ROCK EXCAVATION IN CHANNEL	CU YD	3	3		
20400800	FURNISHED EXCAVATION	CU YD	7,314	7,314		
20800150	TRENCH BACKFILL	CU YD	898	133	95	670
(1) 25000100	SEEDING, CLASS 1	ACRE	1.0	0.1	0.9	
(1) 25000300	SEEDING, CLASS 3	ACRE	0.75	0.65	0.1	
(1) 25000312	SEEDING, CLASS 4A	ACRE	0.75	0.75		
(1) 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	200	105	95	
(1) 25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	200	105	95	
(1) 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	200	105	95	
(1) 25000700	AGRICULTURAL GROUND LIMESTONE	TON	4.4	2.4	2.0	
(1) 25100105	MULCH, METHOD 1	ACRE	2.3	1.2	1.1	
(1) 25100115	MULCH, METHOD 2	ACRE	2.3	1.2	1.1	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	220	120	100	
* 28000305	TEMPORARY DITCH CHECKS	FOOT	540	520	20	
28000400	PERIMETER EROSION BARRIER	FOOT	1,595	840	755	
28000510	INLET FILTERS	EACH	12	4	8	
28100105	STONE RIPRAP, CLASS A3	SQ YD	272	90		182
28100113	STONE RIPRAP, CLASS A7	SQ YD	1,827	1,827		
28200200	FILTER FABRIC	SQ YD	2,318	2,318		
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	5,549	2,822	2,727	
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	2,377	398	85	1,894
35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	62	29.5	32.5	
40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	124	56	68	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	229	30	199	

ITEM NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES		
				X071(0011)	J000(0004)	LOCAL
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	4.5	0.1	0.5	3.9
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	160	76.7	83.3	
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	370		21	349
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	231	12	46	173
42000201	PORTLAND CEMENT CONCRETE PAVEMENT 7" (JOINTED)	SQ YD	3,887	2,224	1,663	
42001200	PAVEMENT FABRIC	SQ YD	323	250	73	
42001300	PROTECTIVE COAT	SQ YD	554	554		
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	177	177		
42200100	PORTLAND CEMENT CONCRETE RAILROAD CROSSING	SQ YD	146	73	73	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	116	24	92	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	244	104	140	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	180	180		
44000100	PAVEMENT REMOVAL	SQ YD	3,599	2,297	1,302	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,393		170	2223
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	537	356		181
* 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1		
* 50104400	CONCRETE HEADWALL REMOVAL	EACH	2		2	
50200100	STRUCTURE EXCAVATION	CU YD	1,061	91		970
50300225	CONCRETE STRUCTURES	CU YD	192.4	57.4		135.0
50300255	CONCRETE SUPERSTRUCTURE	CU YD	283.8	283.8		
50300260	BRIDGE DECK GROOVING	SQ YD	424	424		
* 50300280	CONCRETE ENCASEMENT	CU YD	14.6	14.6		
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1		
50500505	STUD SHEAR CONNECTORS	EACH	1,990	1,990		
50800105	REINFORCEMENT BARS	POUND	17,880	970		16,910
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	69,020	69,020		
50800515	BAR SPLICERS	EACH	66	66		
(1) 50901750	PARAPET RAILING	FOOT	296	296		
51201600	FURNISHING STEEL PILES HP12X53	FOOT	300	300		

* DENOTES SPECIAL PROVISION
(1) DENOTES SPECIALTY ITEM

CONSTRUCTION TYPE CODE: X071(0011) - HIGHWAY BRIDGE PROGRAM (STA. 45+50.00 TO STA. 55+30.00)
CONSTRUCTION TYPE CODE: J000(0004) - SURFACE TRANSPORTATION PROGRAM - URBAN (STA. 39+90.00 TO STA. 45+50.00)
LOCAL - CITY OF QUINCY (MULTI-USE PATH RETAINING WALLS AND KNAPHEIDE PARKING LOT)



REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SUMMARY OF QUANTITIES
SHEET 1 OF 3
SCALE: VERT. _____
HORIZ. _____
DATE _____
DRAWN BY: DBS
CHECKED BY: AMW

CONTRACT NO. 93542

ITEM NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES		
				X071(0011)	J000(0004)	LOCAL
51202305	DRIVING PILES	FOOT	300	300		
51203600	TEST PILE STEEL HP12X53	EACH	2	2		
51204650	PILE SHOES	EACH	12	12		
51500100	NAME PLATES	EACH	1	1		
X008482	PIPE ELBOW 12"	EACH	1	1		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	1	1		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTION 15"	EACH	1	1		
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTION 18"	EACH	1	1	1	
54248510	CONCRETE COLLAR	CU YD	1	1		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	312	98	214	
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	126	27	99	
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	266		266	
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	6	6		
(1)*56109210	WATER VALVES TO BE ADJUSTED	EACH	1	1		
(1)*56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	96	96		
60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		
*60219300	MANHOLES TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	4	4		
60223800	MANHOLES, TYPE A, 6' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2		
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3		
*X6026636	METER VAULTS TO BE RECONSTRUCTED	EACH	1	1		
60500060	REMOVING INLETS	EACH	2	2		
60600605	CONCRETE CURB, TYPE B	FOOT	56	56		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,806	1,376	978	452
(1)63100085	TRAFFIC BARRIER TERMINAL, TYPE G	EACH	2	2		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	4	2	2	
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	12	12		
72000100	SIGN PANEL - TYPE 1	SQ FT	52	26	26	
72900100	METAL POST TYPE A	FOOT	48	24	24	
72900200	METAL POST TYPE B	FOOT	80	40	40	

ITEM NUMBER	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODES		
				X071(0011)	J000(0004)	LOCAL
(1) 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	216	98	118	
(1) 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	6,011	2,063	3398	550
(1) 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	188		188	
(1) 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	28		28	
(1) 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	110	76	34	
(1) 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1		
(1) 81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	384	384		
(1) 81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	127	127		
(1)*81500100	GULFBOX JUNCTION	EACH	3	3		
(1)*81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	440	440		
(1)*82103900	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	3	3		
(1)*82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 VOLT, 60 AMP	EACH	1	1		
(1)*83060820	LIGHT POLE, GALVANIZED STEEL, 40 FT, M.H., TENON MOUNT	EACH	3	3		
(1)*X8360110	LIGHT POLE FOUNDATION (SPECIAL)	FOOT	33	33		
(1)*87000110	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE TC) 2/C NO. 8 AND NO. 10 GROUND	FOOT	476	476		
(1)*87800500	CONCRETE FOUNDATION (SPECIAL)	FOOT	4	4		
*Z0004002	BOLLARDS	EACH	4		4	
*Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.4	0.6	
*Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	110	110		
*Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5	
*Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	34	34		
(1) A2001016	TREE, ACER RUBRUM (RED MAPLE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
(1) A2002316	TREE, BETULA NIGRA (RIVER BIRCH), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3		
(1) A2002716	TREE, CARYA OVATA (SHAGBARK HICKORY), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
(1) A2003316	TREE, FRAXINUS AMERICANA (WHITE ASH), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		
(1) A2005416	TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	2	2		

* DENOTES SPECIAL PROVISION
(1) DENOTES SPECIALTY ITEM

CONSTRUCTION TYPE CODE: X071(0011) - HIGHWAY BRIDGE PROGRAM (STA. 45+50.00 TO STA. 55+30.00)
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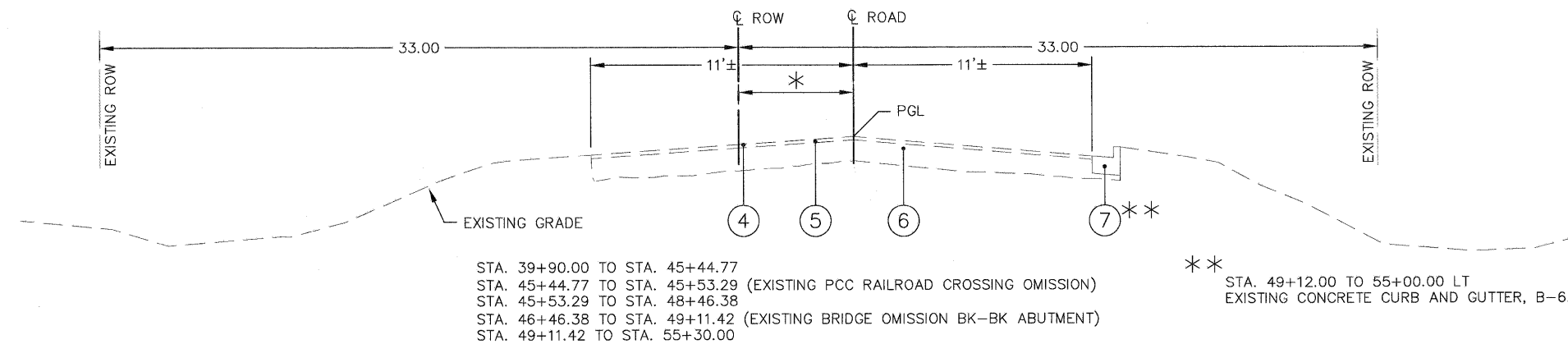


REVISIONS	
NAME	DATE

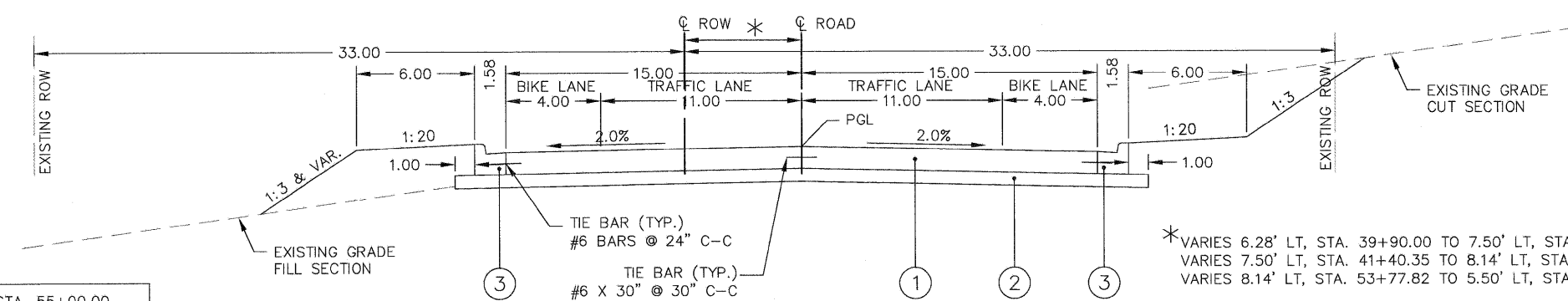
CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SUMMARY OF QUANTITIES
SHEET 2 OF 3

SCALE: VERT. _____
HORIZ. _____
DATE _____
DRAWN BY: DBS
CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	6
STA.		TO STA.		
CONTRACT NO. 93542				



EXISTING TYPICAL SECTION
(NO SCALE)

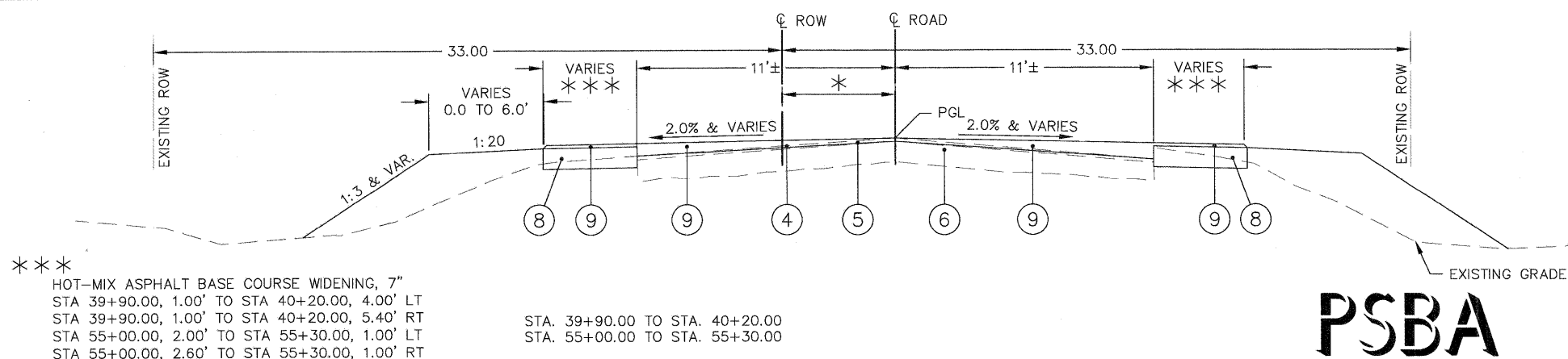


5TH ST. - STA. 40+20.00 TO STA. 55+00.00
 STRUCTURAL DESIGN TRAFFIC: YEAR 2021
 YEAR 2000 ADT = 725
 YEAR 2021 ADT = 1,099
 PV = 88% SU = 7% MU = 5%
 PV = 967 SU = 707 MU = 55
 DESIGN PERIOD: 20 YEARS
 ROAD/STREET CLASSIFICATION: CLASS III
 SUBGRADE SUPPORT: SSR = 6.5
 80,000 POUND LOAD LIMIT
 TRAFFIC FACTOR: TF = 0.41 CALCULATED
 TRAFFIC FACTOR: TF = 0.50 MINIMUM REQUIRED
PROPOSED PAVEMENT:
 7.00" P.C.C. PAVEMENT - NON-REINFORCED
 12.50' TRANSVERSE DOWELLED JOINT SPACING
 4.00" SUBBASE GRANULAR MATERIAL, TYPE A

STA. 40+20.00 TO STA. 45+19.01
 STA. 45+19.01 TO STA. 45+44.77 (RAILROAD GRADE CROSSING - STD 420501)
 STA. 45+44.77 TO STA. 45+53.29 (CONC/RUBBER RAILROAD CROSSING OMISSION)
 STA. 45+53.29 TO STA. 45+79.06 (RAILROAD GRADE CROSSING - STD 420501)
 STA. 45+79.06 TO STA. 46+86.50
 STA. 46+86.50 TO STA. 47+60.00 (BRIDGE APPROACH CONNECTOR - STD 420401)
 STA. 47+60.00 TO STA. 48+16.50 (BRIDGE APPROACH PAVEMENT)
 STA. 48+16.50 TO STA. 49+43.50 (BRIDGE OMISSION BK-BK ABUTMENT)
 STA. 49+43.50 TO STA. 49+73.50 (BRIDGE APPROACH PAVEMENT)
 STA. 49+73.50 TO STA. 50+00.00 (BRIDGE APPROACH CONNECTOR - STD 420401)
 STA. 50+00.00 TO STA. 54+16.00
 STA. 54+16.00 TO STA. 54+80.00 (TAPER PAVEMENT WIDTH, 30' TO 22' @ 16:1)
 STA. 54+80.00 TO STA. 55+00.00

* VARIES 6.28' LT, STA. 39+90.00 TO 7.50' LT, STA. 41+40.35
 VARIES 7.50' LT, STA. 41+40.35 TO 8.14' LT, STA. 53+77.82
 VARIES 8.14' LT, STA. 53+77.82 TO 5.50' LT, STA. 55+30.00

1. PORTLAND CEMENT CONCRETE PAVEMENT, 7" (DOWELED & JOINTED, MAX. 12.5'-FT)
 2. SUB-BASE GRANULAR MATERIAL, TYPE A 4"
 3. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 4. EXISTING HOT-MIX ASPHALT SURFACE, 1.5" & VARIES
 5. EXISTING SEAL COAT, DEPTH VARIES
 6. EXISTING AGGREGATE BASE COURSE, DEPTH VARIES
 7. EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.12
 8. HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
 9. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1.5" & VARIES
- NOTE: EXTEND SUB-BASE GRANULAR MATERIAL, TYPE A UNDER CURB A MINIMUM 4.0" THICKNESS.



 HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
 STA 39+90.00, 1.00' TO STA 40+20.00, 4.00' LT
 STA 39+90.00, 1.00' TO STA 40+20.00, 5.40' RT
 STA 55+00.00, 2.00' TO STA 55+30.00, 1.00' LT
 STA 55+00.00, 2.60' TO STA 55+30.00, 1.00' RT

STA. 39+90.00 TO STA. 40+20.00
 STA. 55+00.00 TO STA. 55+30.00

PROPOSED TYPICAL SECTION
(NO SCALE)

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 TYPICAL SECTIONS

SCALE: VERT. DRAWN BY: DBS
 HORIZ. CHECKED BY: AMW
 DATE

Table with 5 columns: RTE, SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: N 5TH ST, 03-00289-00-BR, ADAMS, 90, 7.

TREE REMOVAL SCHEDULE table with columns: LOCATION, (6-15) UNIT, OVER 15 UNIT. Lists stations from 40+21.9 to 48+35.0.

TREE REMOVAL SCHEDULE table with columns: LOCATION, (6-15) UNIT, OVER 15 UNIT. Lists stations from 48+41.7 to 53+97.8.

EARTH EXCAVATION FURNISHED EXCAVATION table with columns: LOCATION, EARTH EXCAV, ADJUST FOR SHRINK, EMBANK, BALANCE.

CHANNEL EXCAVATION table with columns: LOCATION, CHANNEL EXCAV, ADJUST FOR SHRINK, EMBANK, BALANCE.

STONE RIPRAP, CLASS A3 & A7 FILTER FABRIC table with columns: LOCATION, CODE NO., STONE RIPRAP CLASS A3 (1), STONE RIPRAP CLASS A7 (2), FILTER FABRIC.

ROCK EXCAVATION IN CHANNEL table with columns: LOCATION, CODE NO. 20300200, LENGTH, WIDTH, DEPTH, ROCK X-CAV.

LIMITS OF CHANNEL EXCAVATION BK. TO BK. OF ABUTMENT

ESTIMATED SMALL QUANTITY OF ROCK EXCAVATION UNDER EXISTING SANITARY SEWER TO EXTEND CONCRETE ENCASUREMENT AND TO ESTABLISH A UNIT PRICE

SEEDING, AND RELATED ITEMS table with columns: LOCATION, CODE NO., SEEDING CLASS 1, SEEDING CLASS 3, SEEDING CLASS 4A, NITRO FERT, PHOS FERT, POT FERT, AGR GROUND LIMESTONE, MULCH METHOD 2, TEMP EROS CTRL SEED, MULCH METHOD 1, SEEDING CLASS 7 SPECIAL.

FERTILIZER NUTRIENT APPLICATION RATE: 90 LB/ACRE AGRICULTURAL GROUND LIMESTONE APPLICATION RATE: 2 TON/ACRE

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REVISIONS table with columns: NAME, DATE.

ENGINEER MAY ADJUST LOCATION AND LENGTH TO FIT FIELD CONDITIONS

INLET FILTERS table with columns: LOCATION, CODE NO., STATION, LT/RT, EACH.

CITY OF QUINCY, ILLINOIS N. 5TH STREET BRIDGE SCHEDULE OF QUANTITIES SHEET 1 OF 5

SCALE: VERT. HORIZ. DATE DRAWN BY: DBS CHECKED BY: AMW

PORTLAND CEMENT CONCRETE PAVEMENT, 7" (JOINTED)			
LOCATION	CODE NO.		42000201
	LENGTH	AVE. WIDTH	PCC PVMT 7" JOINTED SY YD
40+20.00 TO 45+19.01	499.01	30.00	1,663.4
45+79.06 TO 47+60.00	180.94	30.00	603.1
50+00.00 TO 54+16.00	416.00	30.00	1,386.7
54+16.00 TO 54+80.00	64.00	26.00	184.9
54+80.00 TO 55+00.00	20.00	22.00	48.9
TOTAL USE			3,887.0

COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 & (SPECIAL)			
LOCATION	CODE NO.		60603800
	CC&G B-6.12	CC&G B-6.12 SP	
5TH STREET	FOOT	FOOT	
STA 40+20.00 - 41+51.77, LT		131.8	
STA 42+15.02 - 45+42.50, LT		327.4	
STA 45+66.00 - 46+86.50, LT		120.5	
STA 46+86.50 - 47+90.80, LT		104.3	
BRIDGE OMISSION			
STA 49+78.85 - 50+73.50, LT		94.7	
STA 50+73.50 - 52+58.49, LT		185.0	
STA 53+58.67 - 55+00.00, LT		141.3	
BRIDGE OMISSION			
STA 49+70.27 - 50+73.50, RT		103.2	
STA 50+73.50 - 54+80.00, RT		406.5	
STA 54+80.00 - 55+00.00, RT			20.0
GARDNER PARK RD			
41+51.8, 16.0 - 41+80.0, 38.3 LT		38.8	
41+80.0, 38.3 - 41+92.8, 58.4 LT		24.2	
42+15.0, 16.0 - 42+06.4, 41.0 LT		34.7	
PARKER HEIGHTS RD			
52+58.5, 16.0 - 52+86.5, 37.7 LT		38.2	
53+58.7, 16.0 - 53+30.7, 37.5 LT		38.0	
KNAPHEIDE ENTRANCE & P. LOT			
49+96.9, 16.0 - 50+07.4, 77.2 RT		66.4	
50+38.9, 16.0 - 51+08.8, 16.0 RT		117.1	
53+16.6, 46.0 - 53+25.5, 16.0 RT		41.1	
53+70.8, 25.3 - 53+83.1, 16.0 RT		34.7	
54+44.5, 26.4 - 54+50.0, 13.8 RT		18.9	
TOTAL USE	2,806	20.0	20

SUB-BASE GRANULAR MATERIAL, TYPE A 4"			
LOCATION	CODE NO.		31100300
	WIDTH		SUB-BASE GRAN MATL, 4" SQ YD
5TH STREET			
STA 40+20.00 TO STA 45+19.01	35.16		1,949.5
STA 45+19.01 TO STA 45+40.77	35.16		85.0
RR X-ING OMISSION			
STA 45+57.29 TO STA 45+79.06	35.16		85.0
STA 45+79.06 TO STA 46+83.50	35.16		706.9
STA 46+86.50 TO STA 47+60.00	35.16		91.8
BRIDGE OMISSION			
STA 49+76.50 TO STA 50+00.00	35.16		91.8
STA 50+00.00 TO STA 54+16.00	35.16		1,625.2
STA 54+16.00 TO STA 54+80.00	35.16		221.6
FROM ENTRANCE SCHEDULE			692.2
TOTAL USE			5,549.0

HOT-MIX ASPHALT BASE COURSE WIDENING, 7"			
LOCATION	CODE NO.		35600704
	WIDTH		HMA BASE CSE WIDEN, 7" SQ YD
5TH STREET			
STA 39+90.00 - 40+20.00, LT	1.0 - 4.0		8.3
STA 39+90.00 - 40+20.00, RT	1.0 - 5.4		10.7
STA 55+00.00 - 55+30.00, LT	2.0 - 1.0		5.0
STA 55+00.00 - 55+30.00, RT	2.6 - 1.0		6.0
GARDNER PARK RD			
STA 11+00.00 - 11+15.00, LT	2.0 - 1.0		2.5
STA 11+00.00 - 11+15.00, RT	2.0 - 1.0		2.5
4' RR APPR. PAVT. TRANS.	30		27.0
TOTAL USE			62.0

TRANSITION FROM EXISTING PAVEMENT WIDTH TO PROPOSED WIDTH

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH CONCRETE CURB TYPE B				
LOCATION	CODE NO.		42400100	60600605
	WIDTH	LENGTH	PCC 4IN SIDEWALK SQ FT	CONC CURB TYPE B FOOT
5TH STREET				
* STA 47+87.83 - 47+96.83 RT 16.6'	5	9	45	14
STA 47+96.17 - 48+05.17 LT 16.6'	5	9	45	14
STA 49+54.83 - 49+63.83 RT 16.6'	5	9	45	14
* STA 49+63.17 - 49+72.17 LT 16.6'	5	9	45	14
TOTAL USE			180	56

* TO BE RELOCATED TO END OF BARRIER TERMINALS

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
LOCATION	CODE NO.	
	WIDTH	40600982
5TH STREET		
STA 39+90.00 - 40+20.00	25.0	83.3
STA 55+00.00 - 55+30.00	23.0	76.7
TOTAL USE		160.0

PORTLAND CEMENT CONCRETE RAILROAD CROSSING			
LOCATION	CODE NO.	42001200	42200100
		PVMT FABRIC SQ YD	PCC RR CROSSING SQ YD
5TH STREET			
STA 45+19.03 - 45+40.81		72.6	72.6
STA 45+57.00 - 45+79.06		72.6	72.6
TOTAL USE		145.2	145.2

STANDARD 420501
PCC PAVEMENT ADJACENT TO RAILROAD CROSSING

BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)			
LOCATION	CODE NO.	42001200	42001420
		PVMT FABRIC SQ YD	BR APPR PVT CON (PCC) SQ YD
5TH STREET			
STA 47+60.00 - 47+86.50		88.3	88.3
STA 49+73.50 - 50+00.00		88.3	88.3
TOTAL USE		176.6	176.6

STANDARD 420401
BRIDGE APPROACH PAVEMENT CONNECTOR

PERIMETER EROSION BARRIER		
LOCATION	CODE NO.	28000400
		PERM. EROS. BARRIER FOOT
5TH STREET		
40+00.00 - 44+61.70, LT		465
42+15.00 - 45+01.75, RT		290
45+92.80 - 48+27.00, LT		240
45+85.00 - 48+95.00, RT		345
48+70.00 - 49+91.54, LT		130
49+30.00 - 52+90.00, RT		365
TOTAL		1,595

ENGINEER MAY ADJUST LOCATION AND LENGTH TO FIT FIELD CONDITIONS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	8
STA.	TO STA.			

CONTRACT NO. 93542

HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50		
LOCATION	CODE NO.	40603310
	THICKNESS	HMA SURF CSE "C" N50 TON
5TH STREET		
STA 39+90.00 - 40+20.00	2.25	12
STA 55+00.00 - 55+30.00	2.00	10
4' RR APPR. PAVT. TRANS.	2.00	3
ENTRANCE IMPROVEMENT SCHEDULE		206
TOTAL USE		231

STA. 39+90.0 TO 40+20.0 - THICKNESS VARIES 1.5" TO 4.0"
STA. 55+00.0 TO 55+30.0 - THICKNESS VARIES 1.5" TO 3.0"

BITUMINOUS MATERIALS (PRIME COAT)		
LOCATION	CODE NO.	40600200
	SURFACE AREA SQ YD	BIT MATL (PR CT) TON
5TH STREET		
39+90.00 - 40+20.00, BC WIDEN	19.0	0.0270
39+90.00 - 40+20.00, SURF CSE	95.0	0.0361
45+40.8 - 45+44.8, SURF CSE	14.0	0.0200
45+53.3 - 45+57.3, SURF CSE	14.0	0.0200
55+00.00 - 55+30.00, BC WIDEN	11.0	0.0157
55+00.00 - 55+30.00, SURF CSE	80.0	0.0304
ENTRANCE IMPROVEMENT SCHEDULE		4.2883
TOTAL USE		4.4375

0.000380 TON/SY (PAVEMENT)
0.001425 TON/SY (AGGREGATE)

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SCHEDULE OF QUANTITIES
SHEET 2 OF 5

SCALE: VERT. DRAWN BY: DBS
DATE HORIZ. CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	9
STA.		TO STA.		

CONTRACT NO. 93542

STORM SEWER SCHEDULE																
LOCATION	CODE NO.	550A0050 12" SS CL A, TY 1 FOOT	550A0070 15" SS CL A, TY 1 FOOT	550A0090 18" SS CL A, TY 1 FOOT	550A0140 30" SS CL A, TY 1 FOOT	Z0056603* 12" SS (WMR) FOOT	54213657 12" PRC FLARED END EACH	54213660 15" PRC FLARED END EACH	54213663 18" PRC FLARED END EACH	XX008482 12" PIPE ELBOW EACH	60218400 MAN 4' A, T1F CL EACH	60223800 MAN 6' A, T1F CL EACH	60219300* MAN, TA 4' DIA T11F&G EACH	X6024240* INLET, SPL EACH	X0326820* INLET, SPL TE 4' X 4' EACH	20800150 TRENCH BACKFILL CU YD
5TH STREET																
43+00.00, 16.58 L																1
43+00.0, 16.6 L TO 43+00.0, 16.6 R	33															8.2
43+00.00, 16.58 R																1
43+02.0, 18.6 R TO 44+83.0, 18.6 R	181															69.3
44+85.00, 16.58 R																1
44+85.1, 20.6 R TO 44+58.2, 158.1 R				140												
44+57.9, 159.7 R											1					
44+57.1, 161.2 R TO 44+15.6, 280.1 R				126												
44+13.4, 285.7 R									1							
44+87.0, 18.6 R TO 44+99.8, 17.4 R			13													3.2
45+01.75, 16.58 R													1			
45+03.6, 16.9 R TO 45+31.2, 16.0 R			28													5.1
45+10.0, 16.0 R TO 45+30.0, 16.0 R																
45+02.3, 13.9 R TO 45+07.5, 14.8 L			30													5.4
45+07.75, 16.58 L													1			
45+09.7, 16.6 L TO 45+37.3, 16.0 L			28													3.9
45+16.0, 16.0 L TO 45+36.0, 16.0 L																
45+33.3, 16.6 L													1			
45+39.3, 16.6 L																
48+20.0, 74.5 L							1									
48+16.0, 69.6 L TO 48+10.7, 62.5 L	10															
48+10.7, 62.5 L										1						
48+10.7, 62.5 L TO 47+79.8, 20.7 L	52															
47+80.00, 16.58 L																
47+80.0, 16.6 L TO 47+69.8, 16.6 R	36															8.1
47+70.00, 16.58 R																
49+88.3, 12.7 R												1				24.3
49+90.9, 12.7 R TO 49+96.9, 12.7 R					6											
50+19.0, 40.6 L								1								
50+23.6, 36.9 L TO 50+44.7, 20.2 L			27													
50+46.2, 16.58 L														1		
50+46.2, 16.6 L TO 50+46.2, 16.6 R						34										12.7
50+46.2, 16.58 R														1		
53+38.5, 13.2 R												1				12.5
TOTALS	312	126	266	6	34	1	1	1	1	1	1	2	4 **	2	5	172.6

** MANHOLES, 4' DIA.
W/TY II F&G TO
UTILIZE STD 602601
"FLAT SLAB TOP"

MANHOLES TO BE ADJUSTED		
CODE NO.	MANHOLE TBA	TRENCH BACKFILL CU YD
60255500	20800150	
50+04.2, 63.6 R	1	
53+56.3, 9.0 L	1	0.5
55+17.1, 7.6 L	1	
TOTAL	3	0.5

USE 1

MANHOLES TO BE RECONSTRUCTED (SPL-***) ((WITH SALVAGED FRAME & GRATE))		
CODE NO.	MANHOLE RECONST	TRENCH BACKFILL CU YD
X6028000*	20800150	
49+76.8, 27.0 R	1	6.4
51+07.4, 8.7 L	1	4.6
51+14.6, 13.0 R	1	5.2
TOTAL	3	16.2

USE 16

INLETS TO BE ADJUSTED (SPL)	
CODE NO.	INLET TBA (SPL) EACH
X6026200*	
54+86.7, 12.9 R	1
TOTAL	1

METER VAULTS TO BE RECONSTRUCTED	
CODE NO.	METER VAULT TBA EACH
X6026636*	
50+68.3, 57.1 R	1
TOTAL	1

WATER VALVES TO BE ADJUSTED	
CODE NO.	WATER VALVE TBA EACH
56109210*	
51+28.5, 14.1 L	1
TOTAL	1

FIRE HYDRANTS TO BE ADJUSTED	
CODE NO.	FIRE HYDRANT TBA EACH
56400300*	
51+28.5, 18.0 L	1
TOTAL	1

USE 173

REMOVING INLETS		
CODE NO.	INLETS TBR	TRENCH BACKFILL CU YD
60500060	20800150	
49+90.0, 13.1 R	1	37.8
53+38.5, 11.0 R	1	
TOTAL	2	37.8

USE 38

*** SALVAGE AND RE-USE EXISTING FRAME AND GRATE.

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SCHEDULE OF QUANTITIES
SHEET 3 OF 5

SCALE: VERT. DRAWN BY: DBS
DATE CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	10
STA.		TO STA.		

CONTRACT NO. 93542

ENTRANCE IMPROVEMENT SCHEDULE

CODE NO.	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	LENGTH	44000200	40201000	40200700	35100700	40600200	40603080	40603310	31100300	42300200	42300300		
LOCATION	FE/PE/CE/MB	FOOT	FOOT	(FROM E/PVT OR B/CURB TO END/IMPROVE)	DRIVEWAY PAVEMENT REMOVAL	AGGREGATE FOR TEMP. ACCESS (±6")	AGGREGATE SURF. CSE. TYPE A, 8"	AGGREGATE BASE COURSE TYPE A, 8"	BITUMINOUS MATERIALS (PRIME CT)	HMA BINDER CSE. IL-19.0, N50 THICKNESS	HMA BINDER CSE. IL-19.0, N50	HMA SURFACE CSE. MIX "C", N50 THICKNESS	HMA SURFACE CSE. MIX "C", N50	SUB-BASE GRANULAR MATERIAL TYPE A, 4"	PCC DRIVEWAY PAVEMENT 6"	PCC DRIVEWAY PAVEMENT 7"
	RURAL/URBAN	HMA / PCC	FOOT	FOOT	SQ YD	TON	SQ YD	SQ YD	TON	INCH	TON	INCH	TON	SQ YD	SQ YD	SQ YD
5TH STREET																
LT - 40+38.17	PE - URBAN	PCC	13.2	43.4	71.3	24								69.0	67.7	
RT - 45+20.00	CE - RURAL	AGG	12.0	31.0		19	34							13.3	12.0	
LT - 45+26.00	CE - RURAL	AGG	12.0	31.0		17	34							13.3	12.0	
RT - 45+76.00	CE - RURAL	AGG	12.0	27.4		16	29							13.3	12.0	
LT - 45+78.00	CE - RURAL	AGG	12.0	26.0		14	27							13.3	12.0	
RT - 50+17.90 (W/ HMA PARKING)	CE - URBAN	HMA	22.0 & VARIES	60.5 & VARIES	1,985	128		1,894	3,418.7	3.0	328	1.5	164	386		75
LT - 53+16.74 (PARKER HT RD)	CE - URBAN	SEAL CT	24.0	25.1 SKEW	*			151	0.2726	1.5	13	1.5	13			
RT - 54+15.50 (W/ PCC PARKING)	CE - URBAN	PCC	47.9 & VARIES	23.4 & VARIES	238									184		169
LT - 54+82.33 (W/ HMA PARKING)	PE - URBAN	HMA	11.2 & VARIES	21.6 & VARIES	98	11		85	0.1534	1.5	8	1.5	8			
10+15.5 - 11+15.0 (GARDNER PK RD)	CE - URBAN	SEAL CT	20.0	100.0	*			247	0.4436	1.5	21	1.5	21			
TOTALS					2,392.3	229	124	2,377	4,288.3		370		206	692.2	115.7	244
USE					2,393				4.3					116		

* REMOVAL OF SEAL COAT PAVEMENT IS INCIDENTAL TO EARTH EXCAVATION

CONCRETE HEADWALL REMOVAL		
LOCATION	CODE NO.	50104300*
	CULVERT SIZE	CONC HDWL REMOVAL
5TH STREET	INCH DIA	EACH
40+55.5, 19.5 LT	12	1
41+21.1, 17.9 LT	12	1
TOTAL		2

COMBINATION CURB AND GUTTER REMOVAL		
LOCATION	CODE NO.	
	44000300	
	COMB CURB GUTTER REM	
5TH STREET	FOOT	
49+11.8, 16.0 R - 49+94.6, 16.0 R	83.0	
49+94.6, 11.1 R - 50+06.8, 77.3 R	72.0	
50+36.5, 15.6 R - 51+09.4, 16.1 R	187.0	
53+17.2, 46.0 R - 53+91.1, 23.0 R	130.0	
54+41.6, 23.7 R - 55+00.0, 12.8 R	65.0	
TOTAL		537

PAVEMENT REMOVAL		
LOCATION	CODE NO.	
	44000100	
	PAVEMENT REMOVAL	
5TH STREET	SQ YD	
40+20.0 - 45+00.0	1,190.0	
45+00.0 - 45+44.8	111.8	
45+53.3 - 48+46.3	705.7	
49+11.5 - 50+00.0	118.5	
50+00.0 - 55+00.0	1,402.7	
TOTAL		3,598.9
USE		3,599

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 SCHEDULE OF QUANTITIES
 SHEET 4 OF 5

SCALE: VERT. _____
 DATE _____
 DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	11
STA.		TO STA.		

CONTRACT NO. 93542

LIGHTING SCHEDULE												
CODE NO.	80400100	81012600	81100600	81500100	81900200	82103900	82500330	8360820	87000110	83600120*	87800500*	
LOCATION	ELECTRIC SERVICE INSTALLATION	CONDUIT IN TRENCH, 2" DIA., PVC	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALV. STEEL	GULFBOX JUNCTION	TRENCH AND BACKFILL FOR ELECTRICAL WORK	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240 V, 60 AMP	LIGHT POLE, GALV STEEL, 40 FT. M.H., TENON MOUNT	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE TC) 2/C NO. 8 AND NO. 10 GROUND	LIGHT POLE FOUNDATION, (SPECIAL)	CONCRETE FOUNDATION (SPECIAL)	
5TH STREET	UNIT	EACH	FOOT	FOOT	EACH	FOOT	EACH	EACH	FOOT	FOOT	FOOT	
L1 - L2: 49+60.0, 22.6 RT TO 49+72.0, 22.0 LT	1	63			77		1		43		4.0	
L2 - L3: 49+72.0, 22.0 LT TO 50+25.0, 22.0 LT		64			78	1		1	59	11.0		
L2 - L4: 49+72.0, 22.0 LT TO 48+15.0, 22.0 LT		59	127		73	1		1	181	11.0		
L4 - L5: 48+15.0, 22.0 LT TO 46+05.0, 22.0 LT		198			212	1		1	193	11.0		
TOTALS USE	1	384	127	3	440	3	1	3	476	33.0	4.0	

FURNISHING AND ERECTING ROW MARKERS (SPECIAL)		
LOCATION	CODE NO.	X6660115 EACH
5TH STREET		
40+54.08, 40.39 LT	PL	1
41+40.35, 40.50 LT	ROW	1
41+40.35, 25.50 RT	ROW	1
42+40.00, 110.00 LT	PE	1
43+00.00, 50.00 LT	PE	1
43+93.39, 297.31 RT	PE	1
44+00.00, 40.70 LT	PE	1
44+11.62, 305.74 RT	PE	1
44+46.27, 156.28 RT	PE	1
44+75.16, 25.24 RT	PE	1
44+95.39, 25.22 RT	ROW	1
45+03.03, 40.78 LT	ROW	1
45+96.40, 25.15 RT	ROW	1
45+94.32, 40.00 RT	PE	1
46+03.35, 40.86 LT	ROW	1
46+04.29, 60.00 LT	PE	1
46+50.00, 70.00 RT	PE	1
47+00.00, 100.00 LT	PE	1
48+00.00, 70.00 RT	PE	1
49+00.00, 80.00 LT	PE	1
49+00.00, 80.00 RT	PE	1
49+91.15, 24.84 RT	PL	1
49+91.15, 41.16 LT	PL	1
49+91.43, 50.00 RT	PE	1
51+00.00, 41.45 LT	PE	1
53+77.82, 41.14 LT	ROW	1
53+77.82, 24.88 RT	ROW	1
54+20.03, 40.41 LT	PL	1
TOTALS		28

PAVEMENT MARKING SCHEDULE																
CODE NO.	PAINT PAVEMENT MARKING															
	80400100			80400100			80400100			80400100			80400100			
	LINE 5"			LINE 5"			LINE 8"			LINE 12"			LINE 24"			LETTERS & SYMBOLS
	WHITE SOLID			YELLOW SOLID			WHITE SOLID			WHITE SOLID			WHITE SOLID			WHITE SOLID
FOOT			FOOT			FOOT			FOOT			FOOT			SQ FT	
RT CL LT			RT CL LT			RT CL LT			RT CL LT			RT CL LT			RT CL LT	
5TH STREET																
39+90 - 45+41				1102						94			94	13	15	
40+20 - 41+52			132													
40+20 - 45+52	502															
42+15 - 45+42			327													
41+75 - 41+87												12				
42+24															10	10
44+45												11				
44+70															68	
44+95												11				
45+13																10
45+23												15				
45+56 - 53+85	829															
45+57 - 55+00				1886												
45+77 - 52+60			683													
45+76												15				
46+10												11				
46+25															10	68
46+50												11				
49+91															10	10
52+51															10	10
52+85 - 53+09												24				
53+76															10	
KNAPHEIDE P. LOT			550													
TOTALS USE	1331	550	1142	2988	94	94	13	15	37	73	108	108				
	6,011			188	28		110			216						

10 SQ FT = BIKE SYMBOL & ARROW
68 SQ FT = STANDARD RR X-ING SYMBOL

SIGN SCHEDULE							
LOCATION	CODE NO.	72000100			72900100	72900200	
		SIGN PANEL - TYPE 1			METAL POST TYPE A	METAL POST TYPE B	
		SIDE	OFFSET	MESSAGE	SIZE	SQ FT	FOOT
5TH STREET							
41+00.00	RT	22.5	W10-1 RAILROAD	3' X 3'	9		13
41+66.75	LT	41.0	R1-1 STOP	3' X 3'	9		13
42+00.00	RT	22.5	R2-1 SPEED LIMIT	24"X30"	5		14
42+00.00	RT	22.5	R7-9a NO PARK/BIKE	12"X18"	1.5	12	
43+00.00	LT	22.5	R7-9a NO PARK/BIKE	12"X18"	1.5	12	
46+50.00	RT	22.5	R7-9a NO PARK/BIKE	12"X18"	1.5	12	
50+50.00	LT	22.5	R2-1 SPEED LIMIT	24"X30"	5		14
50+50.00	LT	22.5	R7-9a NO PARK/BIKE	12"X18"	1.5	12	
52+00.00	LT	22.5	W10-1 RAILROAD	3' X 3'	9		13
52+78.25	LT	31.0	R1-1 STOP	3' X 3'	9		13
TOTALS					52	48	80

BOLLARDS	
CODE NO.	Z0004002
LOCATION	BOLLARDS
	EACH
41+86.8, 57.6 LT	1
42+15.0, 42.9 LT	1
52+75.9, 31.7 LT	1
53+39.4, 28.2 LT	1
TOTAL	4

REMOVE & REINSTALL EXISTING PARK DISTRICT BOLLARDS

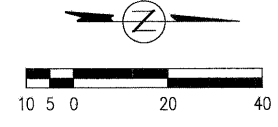
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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SCHEDULE OF QUANTITIES
SHEET 5 OF 5
SCALE: VERT. DRAWN BY: DBS
 HORIZ. CHECKED BY: AMW
DATE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	12
STA.	40+00.00	TO STA.	45+00.00	

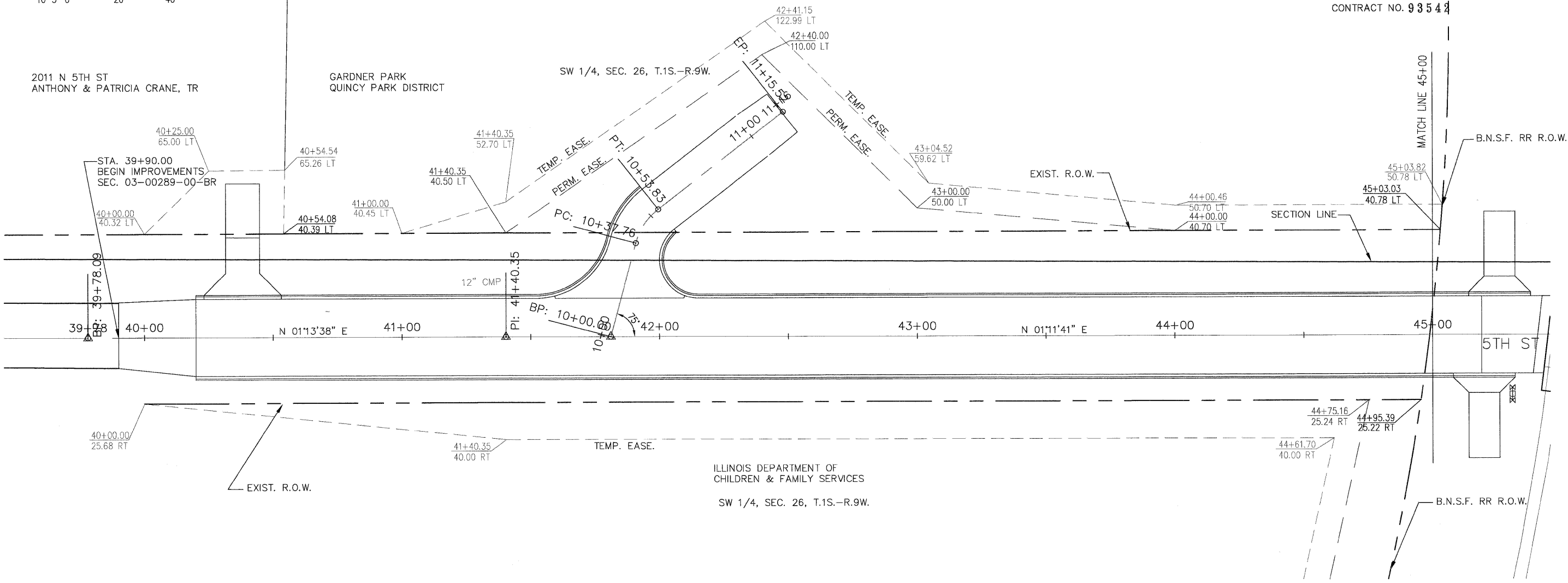
CONTRACT NO. 93544



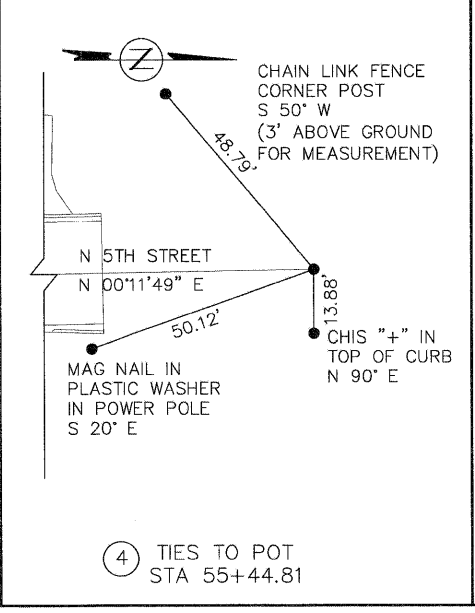
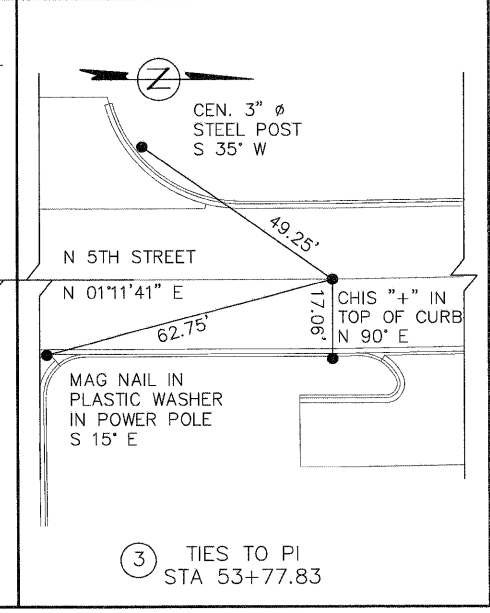
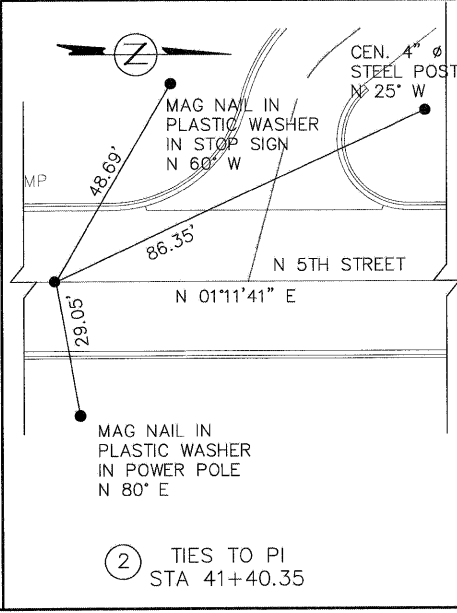
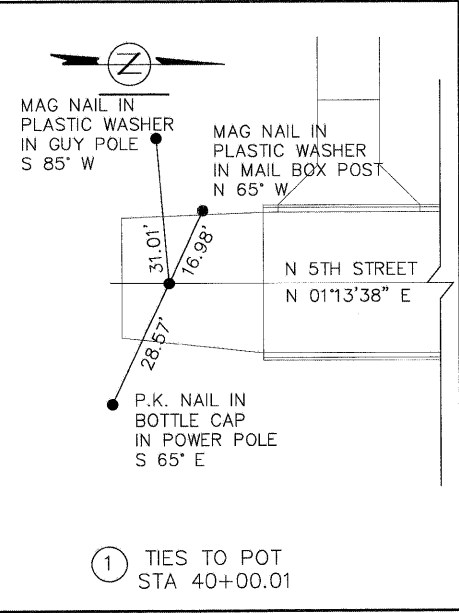
2011 N 5TH ST
ANTHONY & PATRICIA CRANE, TR

GARDNER PARK
QUINCY PARK DISTRICT

SW 1/4, SEC. 26, T.1S.-R.9W.



ILLINOIS DEPARTMENT OF
CHILDREN & FAMILY SERVICES
SW 1/4, SEC. 26, T.1S.-R.9W.



- BM 1 - EXISTING USGS MONUMENT Y-15, BRASS PLATE SET IN CONCRETE STA 45+17.0, 49.0 LT, ELEV 550.89
- BM 2 - EXISTING ADAMS COUNTY GIS MONUMENT, BRASS PLATE STA 60+78.87, 9.0 LT, ELEV 566.67

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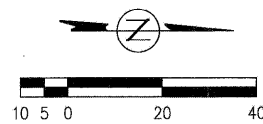
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
ALIGNMENT, TIES & BENCHMARKS
SHEET 1 OF 3

SCALE: VERT. _____
HORIZ. _____
DATE _____

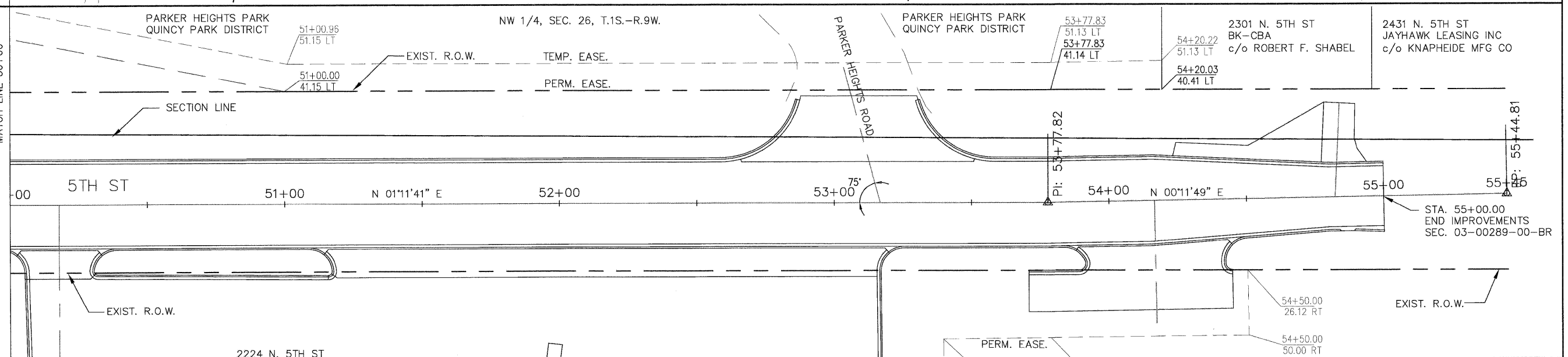
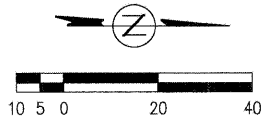
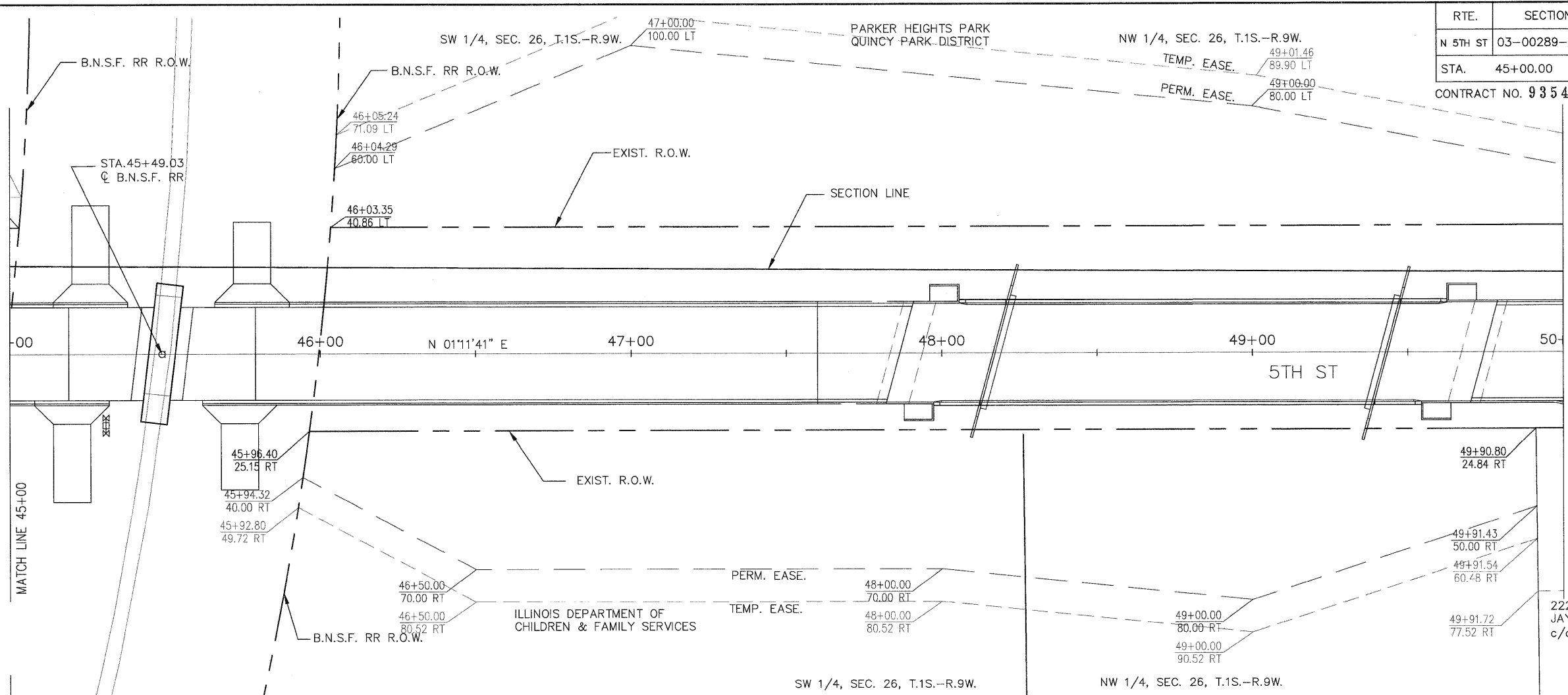
DRAWN BY: DBS
CHECKED BY: AMW

5th ST - ALIGNMENT PLAN - 1 OF 3



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	13
STA. 45+00.00	TO STA. 55+00.00			

CONTRACT NO. 93542

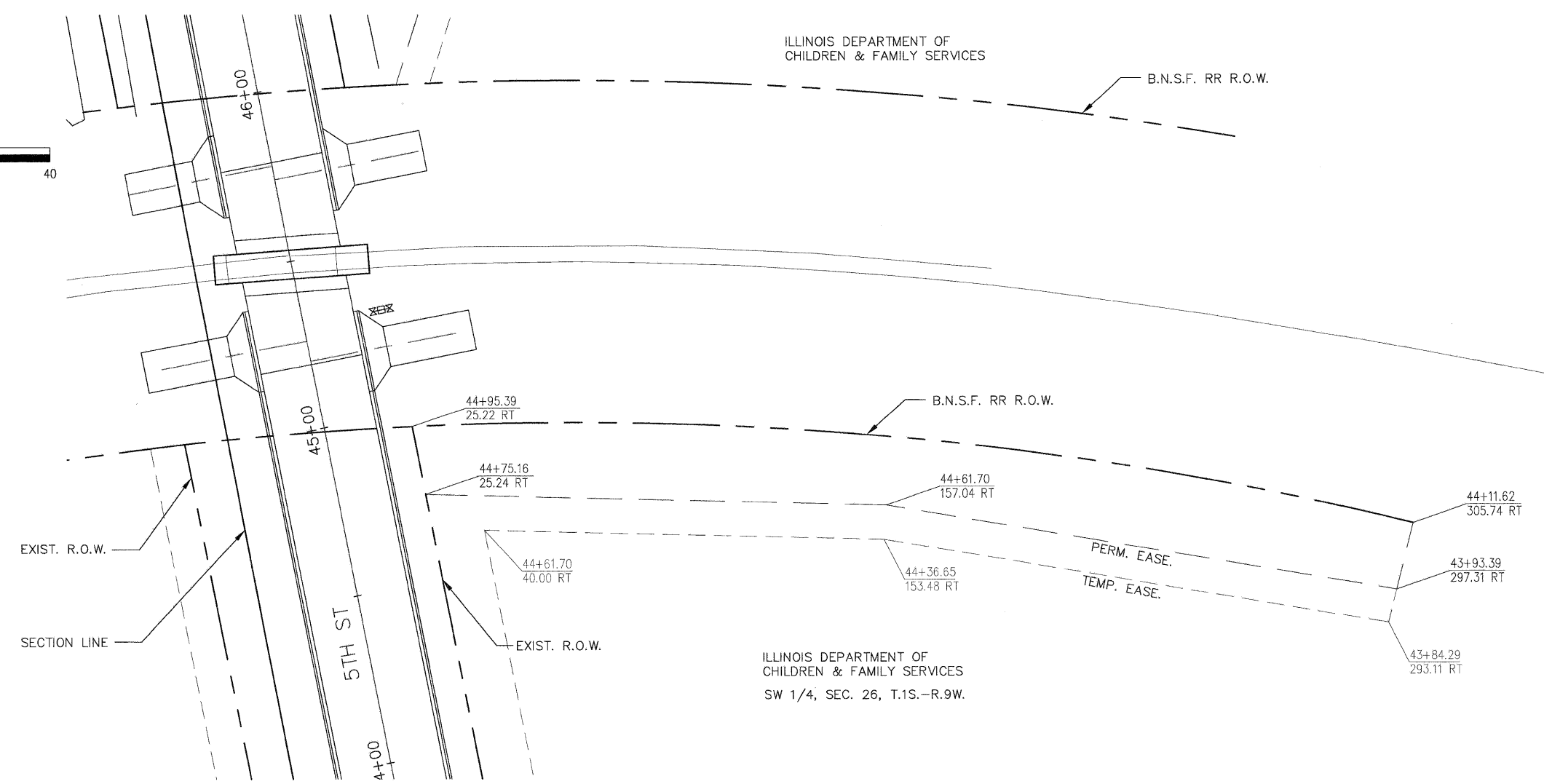
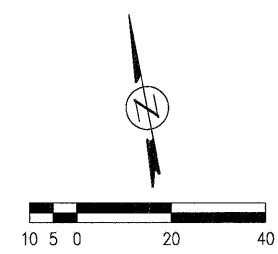


REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
 ALIGNMENT, TIES & BENCHMARKS
 SHEET 2 OF 3
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	14
STA.	40+00.00	TO STA.	45+00.00	

CONTRACT NO. 93542



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REVISIONS	
NAME	DATE

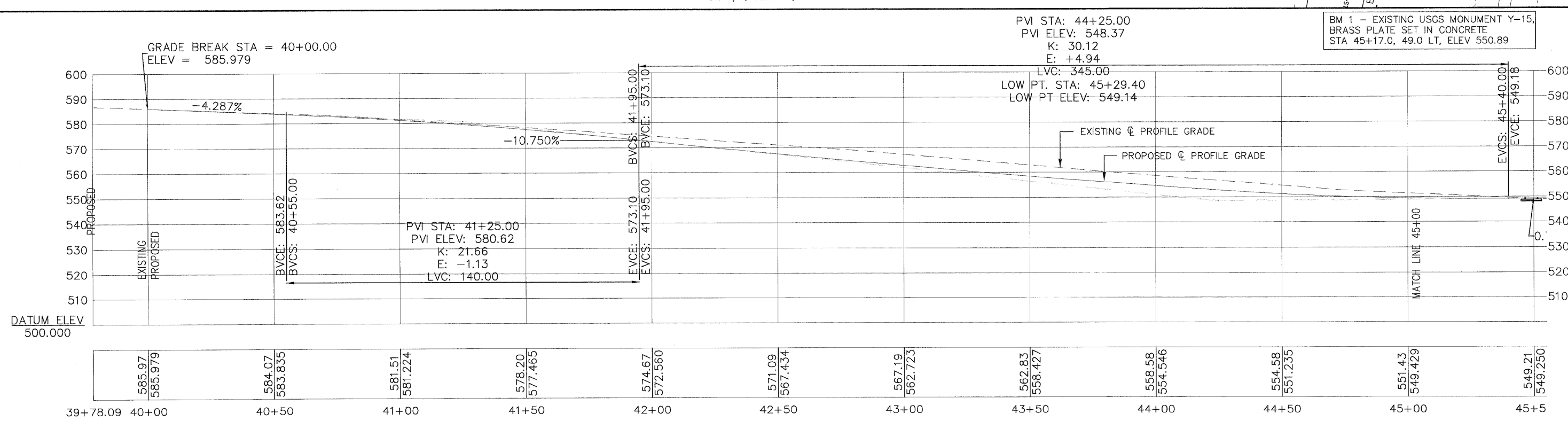
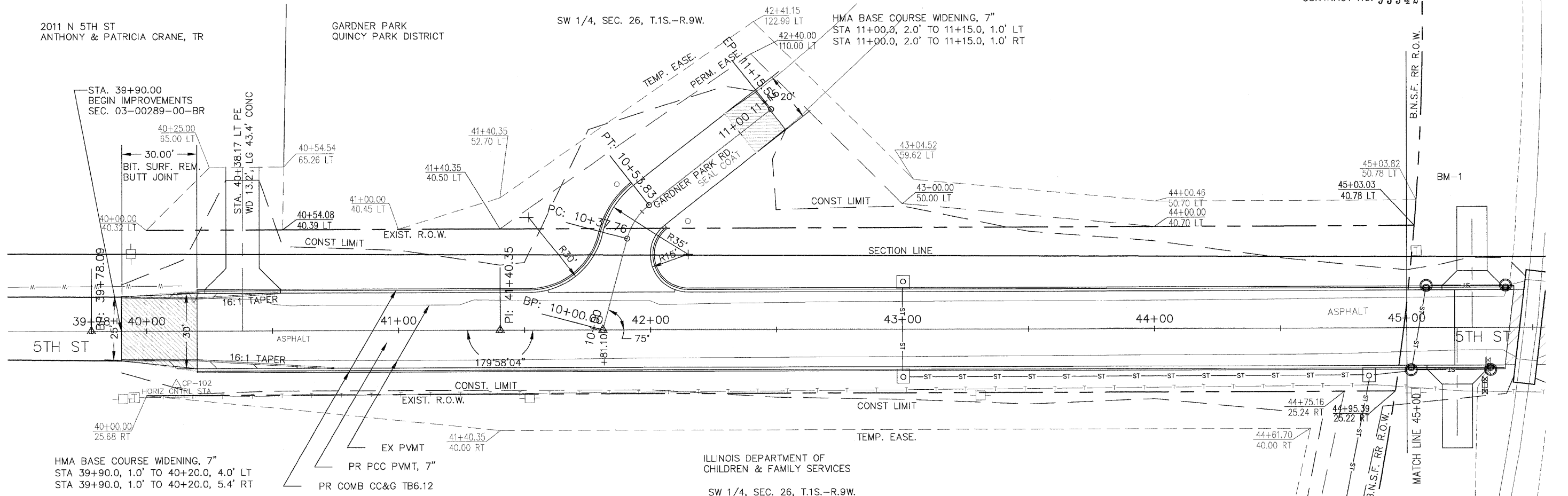
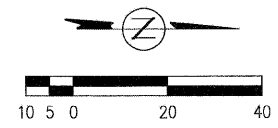
CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 ALIGNMENT, TIES & BENCHMARKS
 SHEET 3 OF 3

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

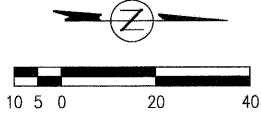
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 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	15
STA.	40+00.00	TO STA.	45+00.00	

CONTRACT NO. 93542

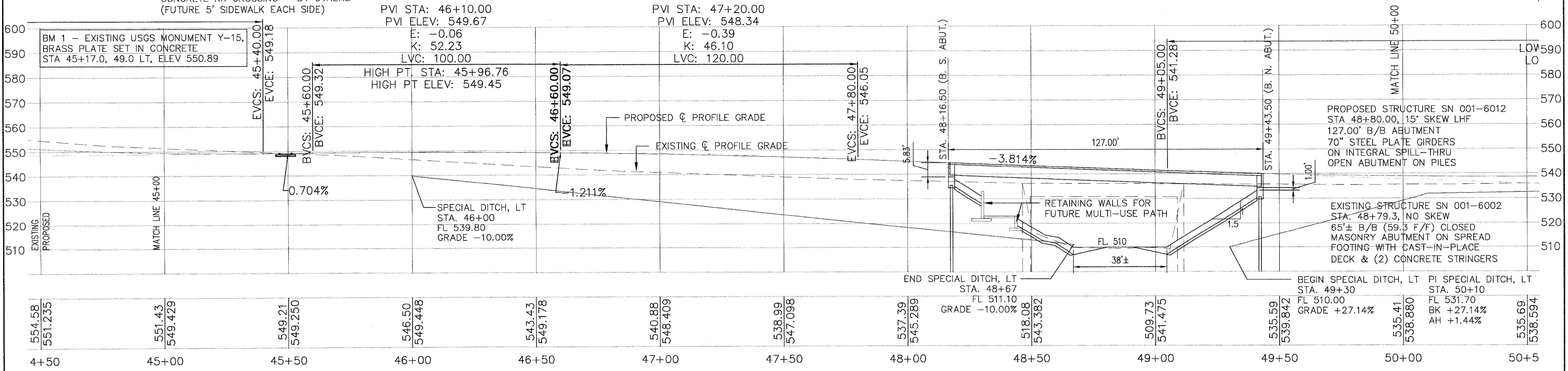
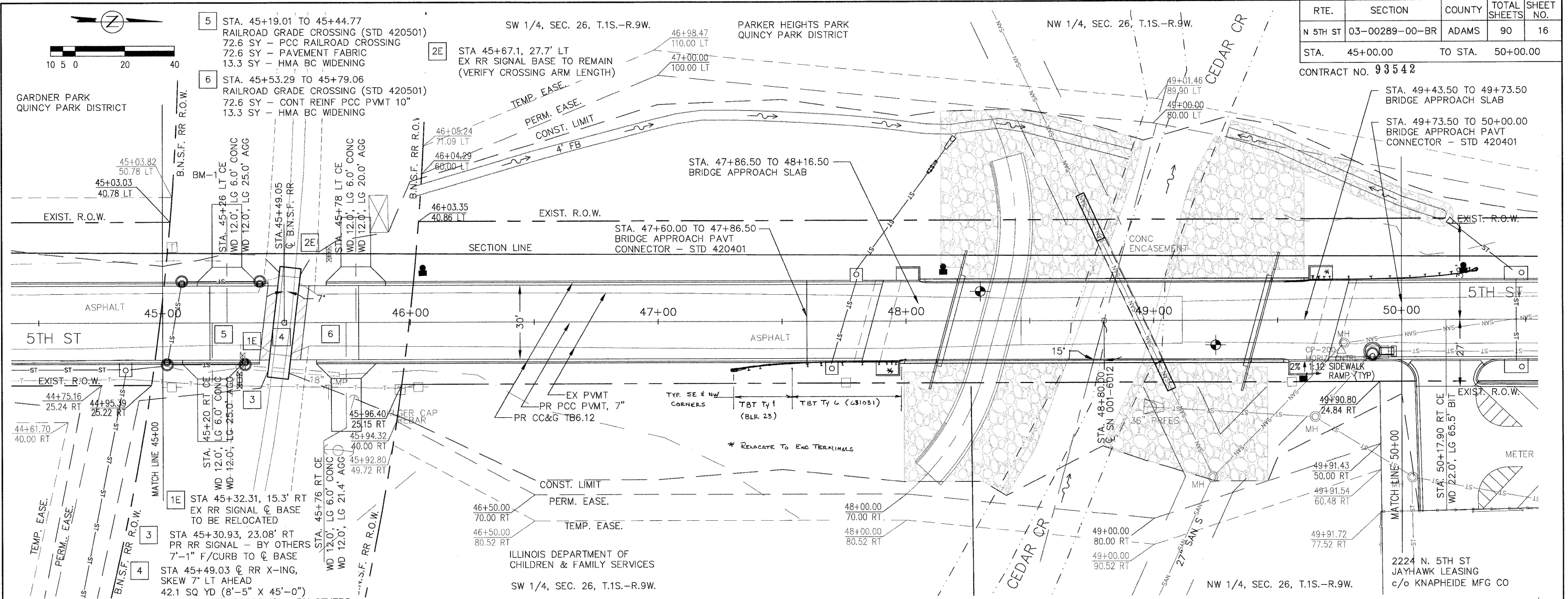


5th ST - PLAN & PROFILE - STA 40+00.0 TO STA 45+00.0



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	16

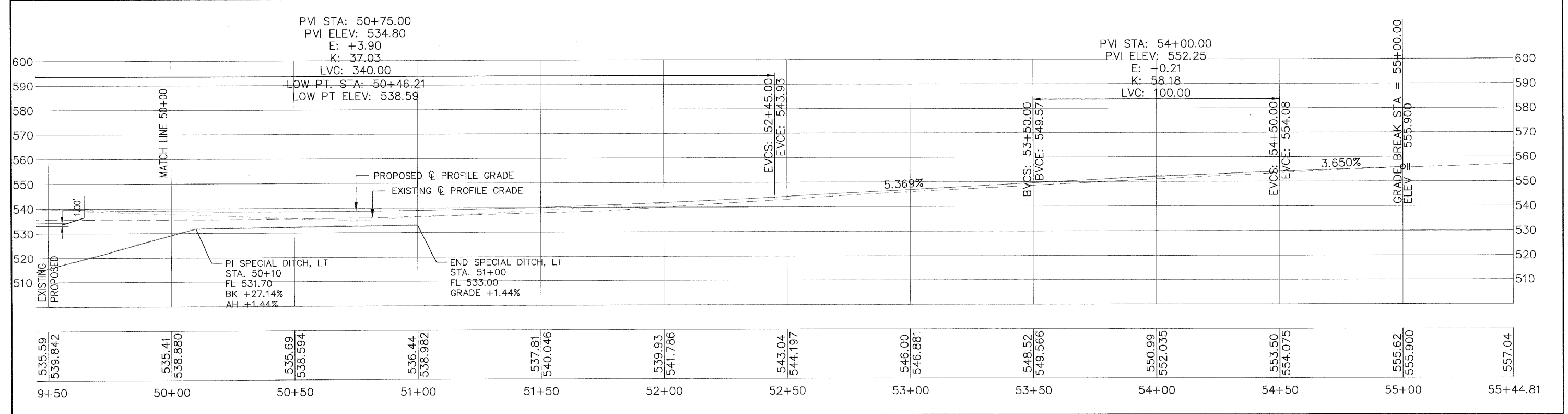
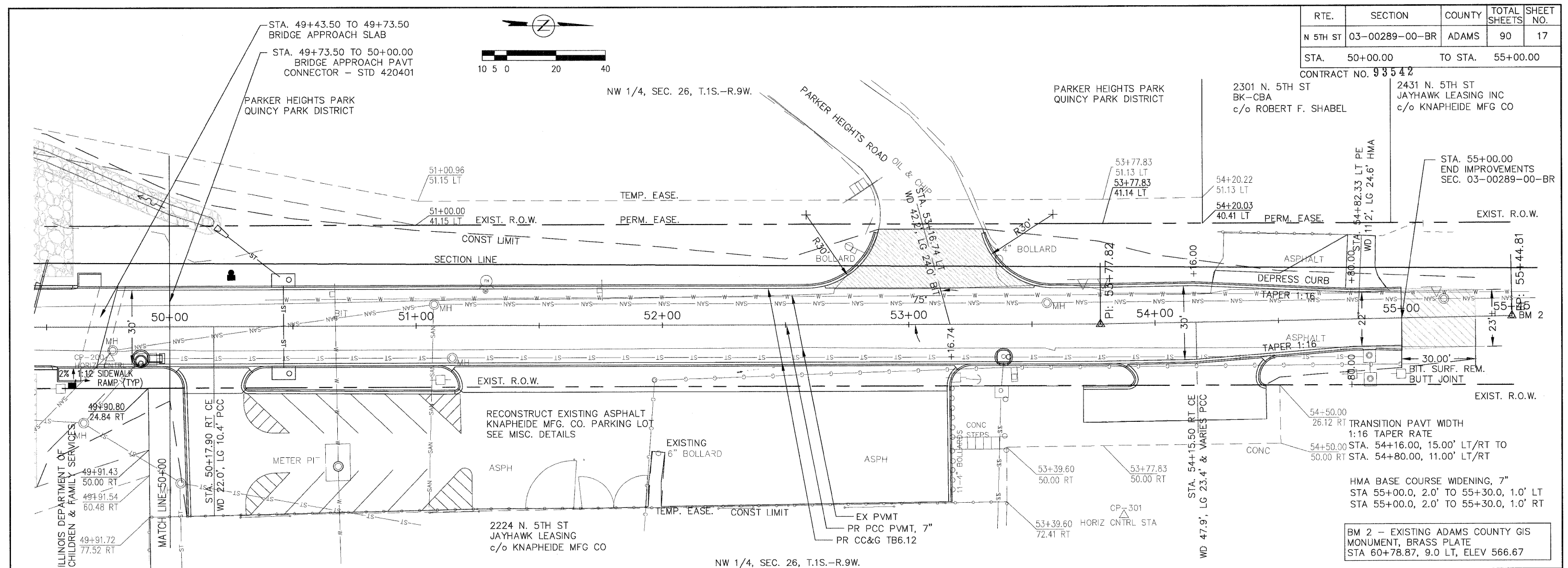
STA. 45+00.00 TO STA. 50+00.00
CONTRACT NO. 93542



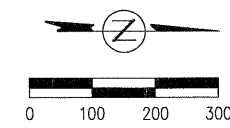
5th ST - PLAN & PROFILE - STA 45+00.0 TO STA 50+00.0

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	17
STA. 50+00.00	TO STA. 55+00.00			

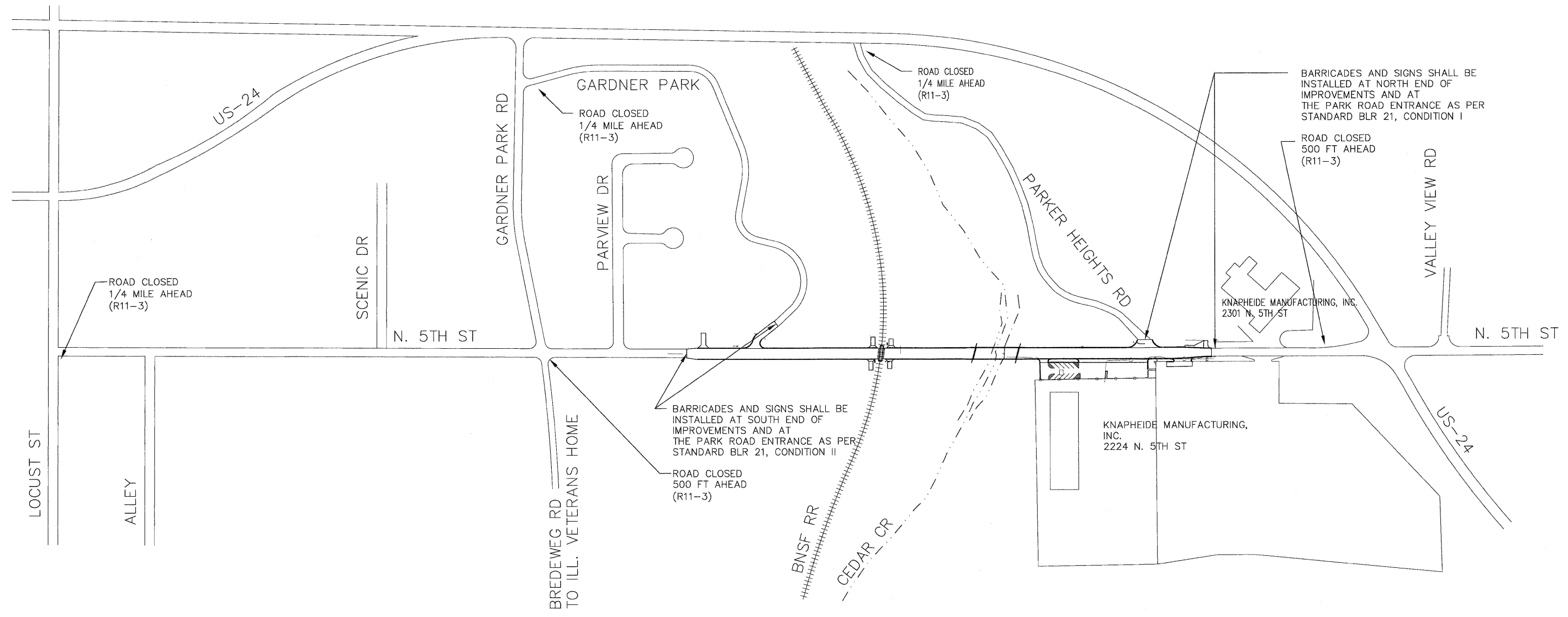
CONTRACT NO. 93542
 2431 N. 5TH ST
 BK-CBA
 c/o ROBERT F. SHABEL
 2431 N. 5TH ST
 JAYHAWK LEASING INC
 c/o KNAPHEIDE MFG CO



5th ST - PLAN & PROFILE - STA 50+00.0 TO STA 55+00.0



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	18
STA.		TO STA.		
CONTRACT NO. 93542				



GENERAL NOTES

THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (800-892-0123) PRIOR TO INSTALLING POST MOUNTED SIGNS.

SEE STANDARD BLR-21, CONDITION I AND II FOR ADDITIONAL INFORMATION.

ROAD CLOSURE TO REMAIN IN PLACE UNTIL THE WORK NECESSARY TO REMOVE AND REPLACE THE EXISTING 5TH STREET BRIDGE, RAILROAD CROSSING IMPROVEMENTS AND PAVEMENT APPROACHES HAVE BEEN COMPLETED EXCEPT FOR THE FINAL SURFACE COURSE OF SIDE ROADS AND BUTT JOINTS.

LOCAL ACCESS MUST BE MAINTAINED AT ALL TIMES FOR PRIVATE RESIDENCES AT 2011 N 5TH & 2301 N 5TH FOR OWNERS, EMERGENCY SERVICES AND MAIL DELIVERY.

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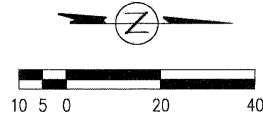
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 TRAFFIC CONTROL PLAN

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

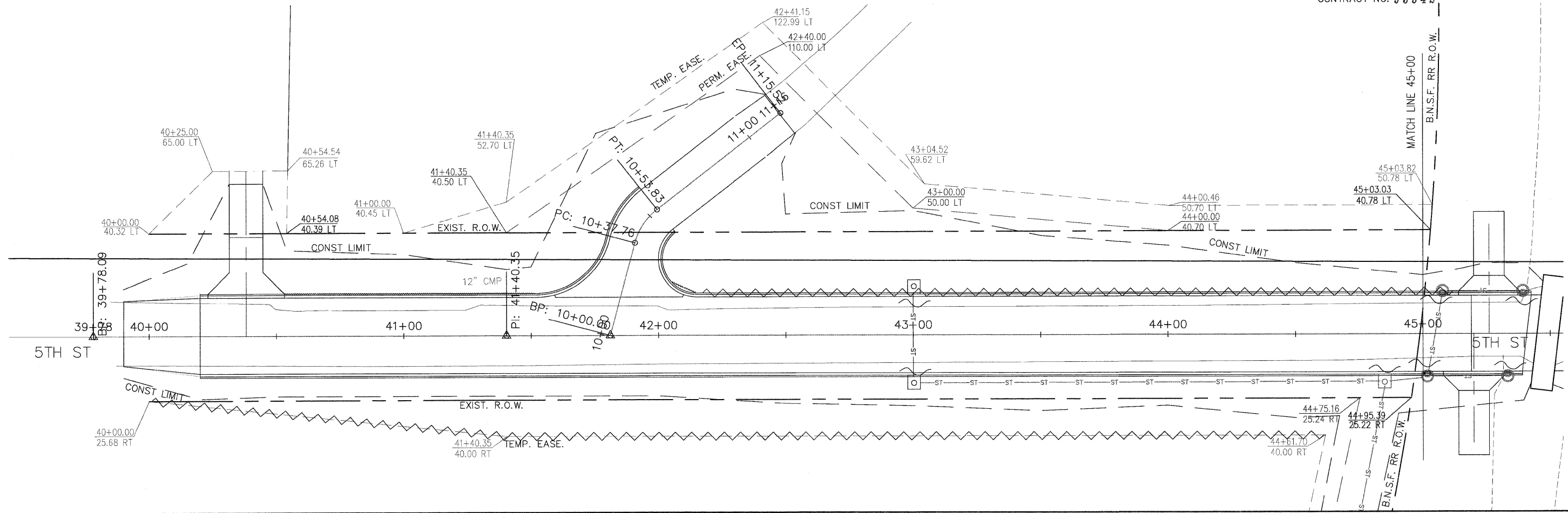
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5th ST - TRAFFIC CONTROL PLAN



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	19
STA.		TO STA.		

CONTRACT NO. 93542



- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET FILTERS

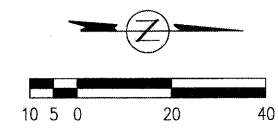
1. ALL DISTURBED AREAS ARE TO RECEIVE TEMPORARY SEEDING AND MULCH, METHOD 1.
2. SEE STANDARD 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
3. SEE SPECIAL PROVISIONS FOR STORMWATER POLLUTION PREVENTION PLAN (BDE 2342)

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 EROSION & SEDIMENT CONTROL
 SHEET 1 OF 4

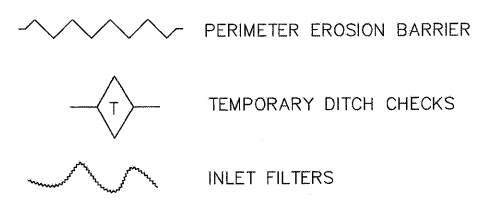
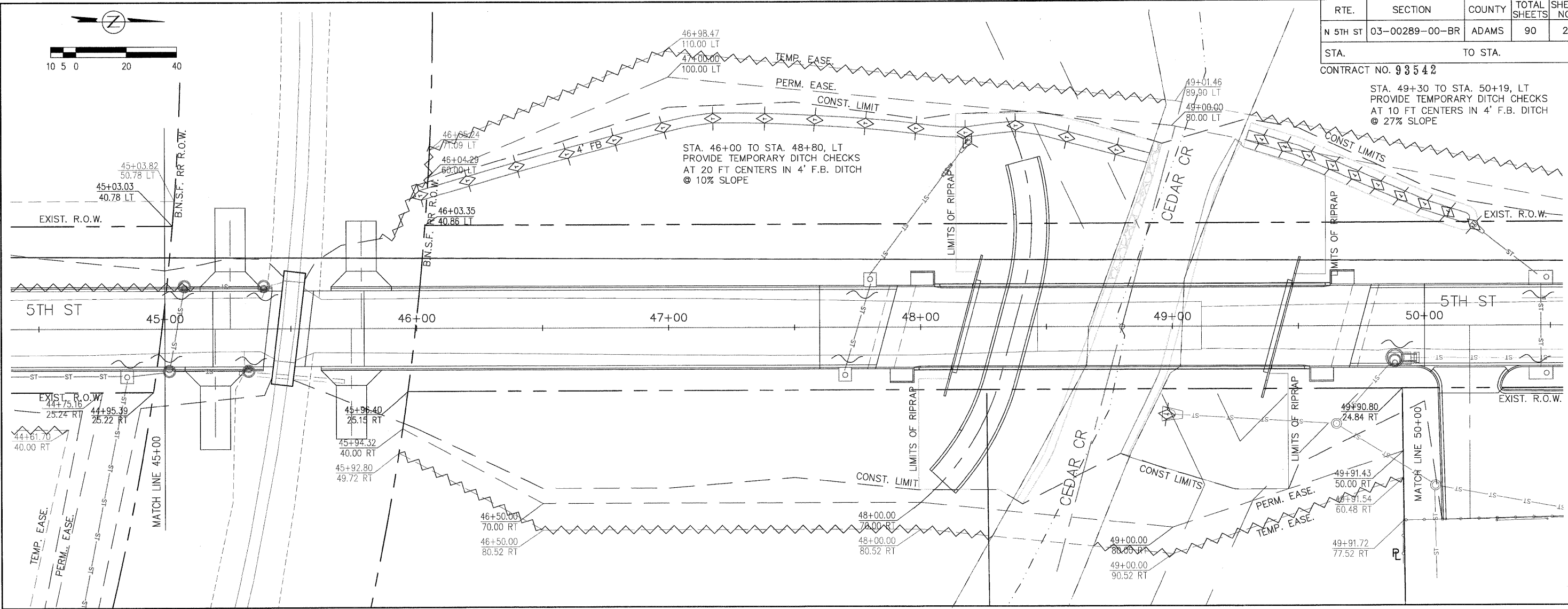
SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY: DBS
 CHECKED BY: AMW



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	20
STA. _____ TO STA. _____				

CONTRACT NO. 93542
 STA. 49+30 TO STA. 50+19, LT
 PROVIDE TEMPORARY DITCH CHECKS
 AT 10 FT CENTERS IN 4' F.B. DITCH
 @ 27% SLOPE

STA. 46+00 TO STA. 48+80, LT
 PROVIDE TEMPORARY DITCH CHECKS
 AT 20 FT CENTERS IN 4' F.B. DITCH
 @ 10% SLOPE



1. ALL DISTURBED AREAS ARE TO RECEIVE TEMPORARY SEEDING AND MULCH, METHOD 1.
2. SEE STANDARD 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
3. SEE SPECIAL PROVISIONS FOR STORMWATER POLLUTION PREVENTION PLAN (BDE 2342)

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REVISIONS	
NAME	DATE

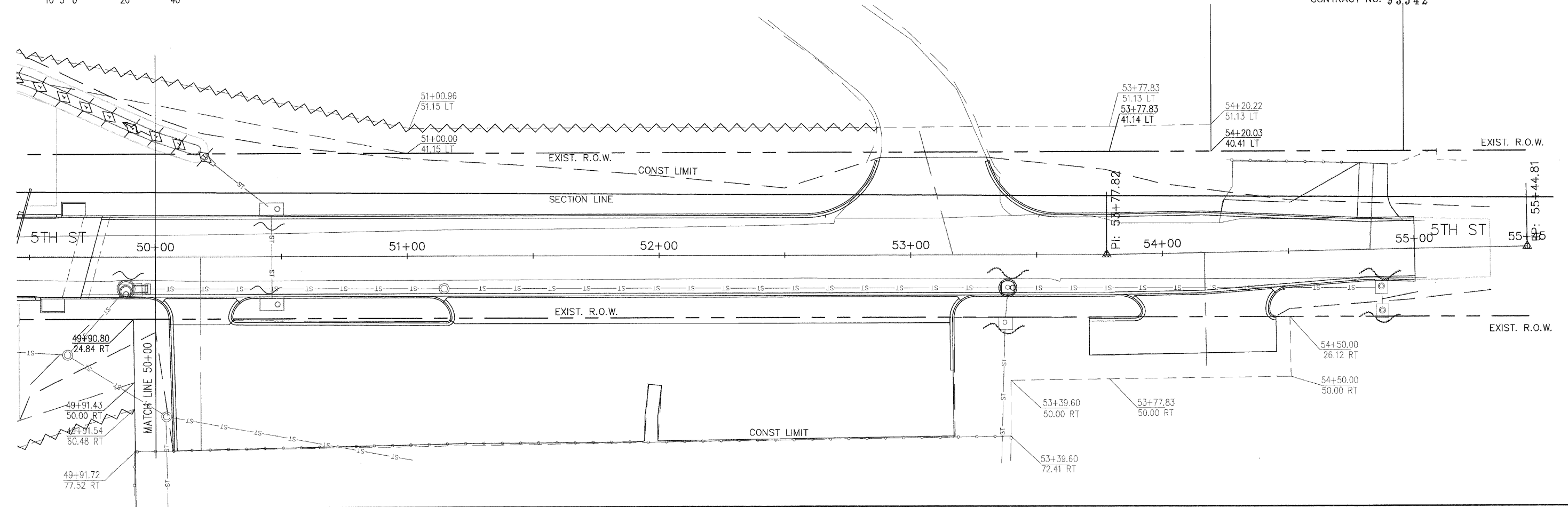
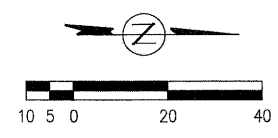
CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 EROSION & SEDIMENT CONTROL
 SHEET 2 OF 4

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	21
STA.		TO STA.		

CONTRACT NO. 93542



- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET FILTERS

1. ALL DISTURBED AREAS ARE TO RECEIVE TEMPORARY SEEDING AND MULCH, METHOD 1.
2. SEE STANDARD 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
3. SEE SPECIAL PROVISIONS FOR STORMWATER POLLUTION PREVENTION PLAN (BDE 2342)

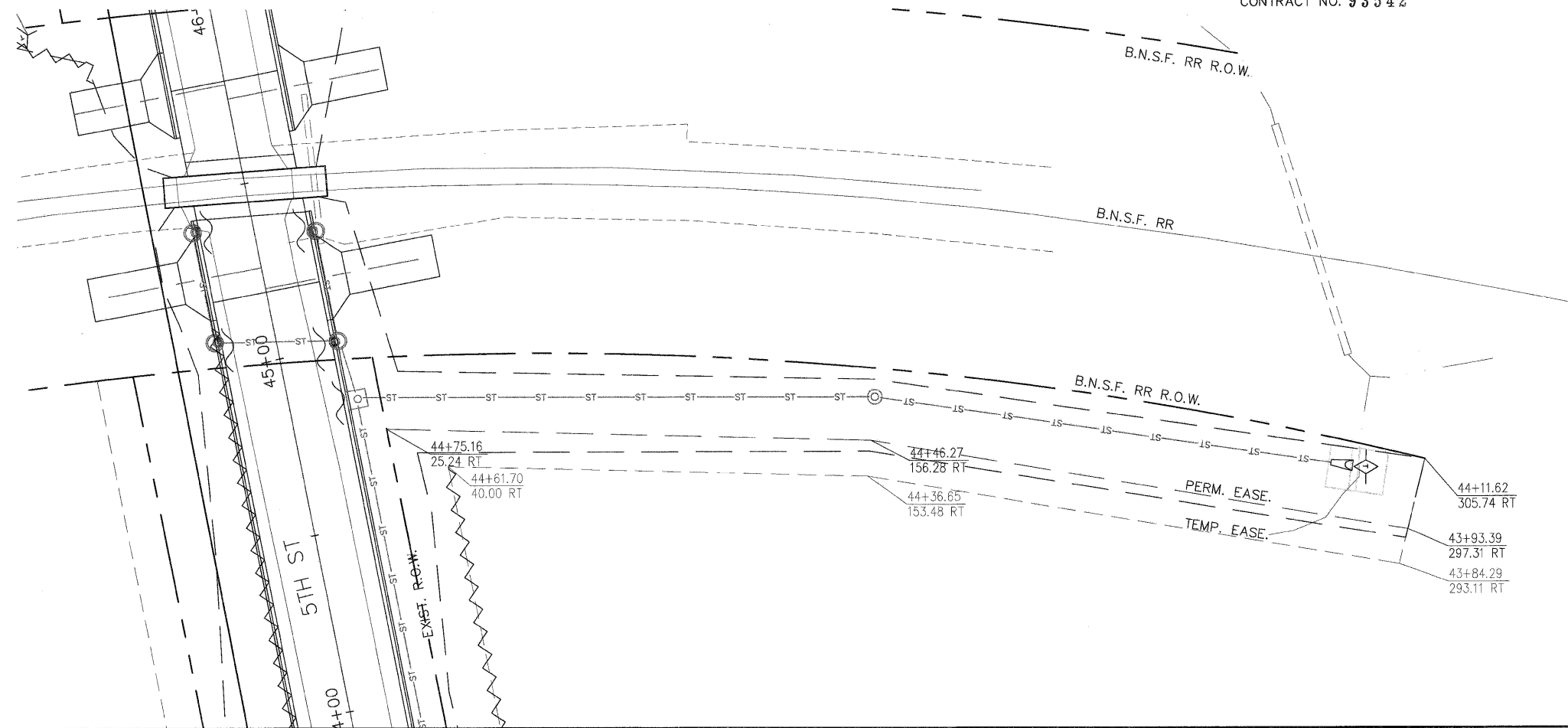
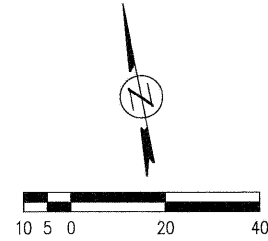
PSBA
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 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
 100 S 54TH ST, P.O. BOX 709 • QUINCY, IL 62306
 WITH OFFICES IN KEOKUK, IOWA & HANNIBAL, MISSOURI
 www.psba.com • PHONE 877-223-4605

REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 EROSION & SEDIMENT CONTROL
 SHEET 3 OF 4

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	22
STA.		TO STA.		
CONTRACT NO. 93542				



PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECKS

INLET FILTERS

1. ALL DISTURBED AREAS ARE TO RECEIVE TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 1.
2. SEE STANDARD 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
3. SEE SPECIAL PROVISIONS FOR STORMWATER POLLUTION PREVENTION PLAN (BDE 2342)

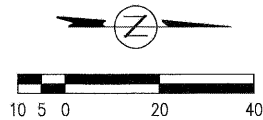
PSBA
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REVISIONS	
NAME	DATE

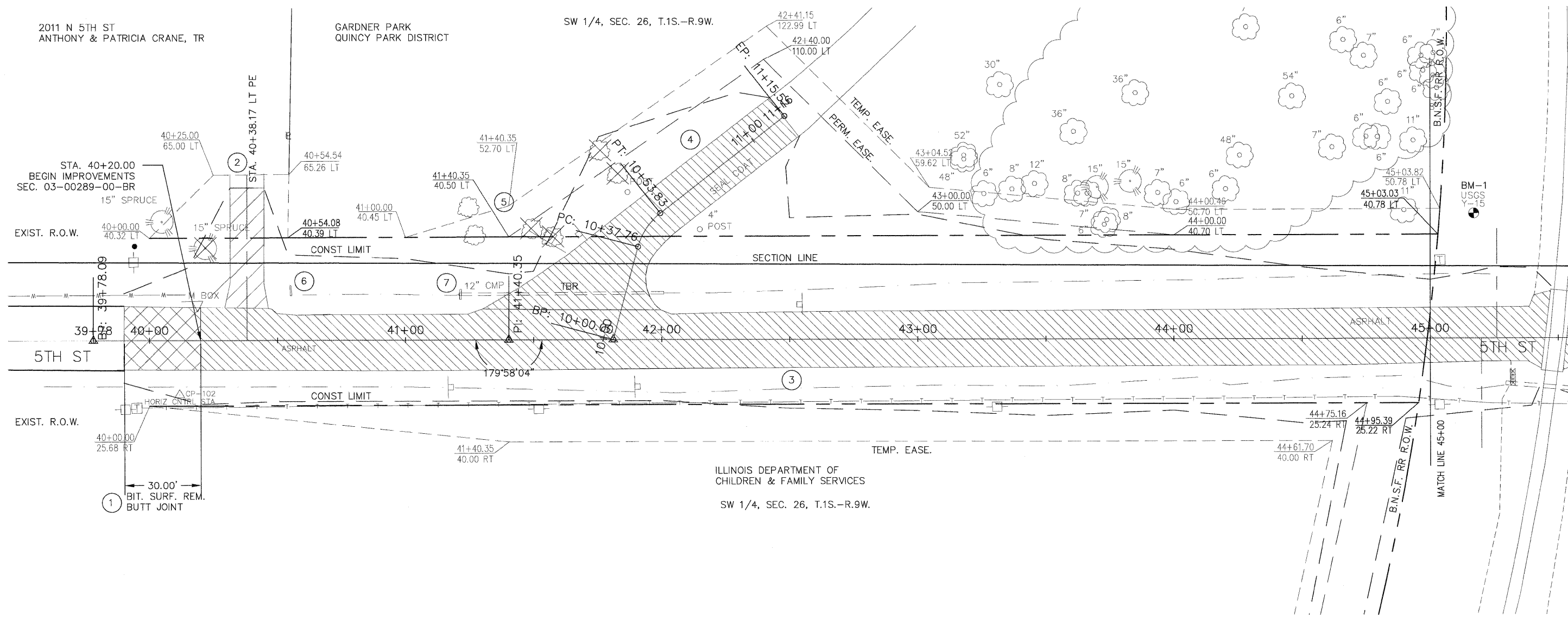
CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 EROSION & SEDIMENT CONTROL
 SHEET 4 OF 4

SCALE: VERT.
 HORIZ.
 DATE

DRAWN BY: DBS
 CHECKED BY: AMW



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	23
STA.	40+00.00	TO STA.	45+00.00	
CONTRACT NO. 93542				



- BITUMINOUS SURFACE REMOVAL BUTT JOINT
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL

- TREE REMOVAL - SEE TABLE IN SCHEDULE OF QUANTITIES
- ① STA. 39+90.0 TO 40+20.0
83.3 SY - BIT. SURF. REM. - BUTT JOINT
- ② STA. 40+38.17, (12.7 TO 60.0' LT)
71.3 SY - DRIVEWAY PAVT REMOVAL (CONC)
- ③ STA. 40+20.00 - 45+00.00 5TH STREET
1,190.2 SY - PAVEMENT REMOVAL (ASPHALT)
- ④ STA. 10+12 - 11+16 GARDNER PARK RD
303 SY - PAVEMENT REMOVAL (SEAL COAT)
- ⑤ STA. 41+67, 42' LT
REMOVE & RE-ERECT GARDNER PARK SIGN
- ⑥ STA. 40+55, 20' LT
1 EA - CONC. HEADWALL TBR
- ⑦ STA. 41+21, 18' LT
1 EA - CONC. HEADWALL TBR

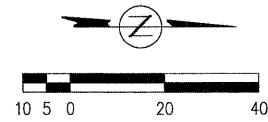
PSBA
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REVISIONS	
NAME	DATE

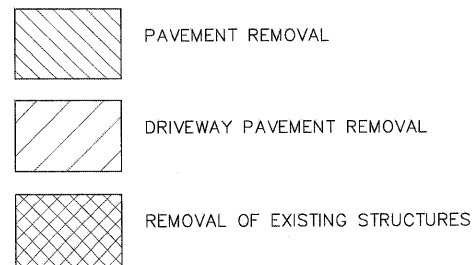
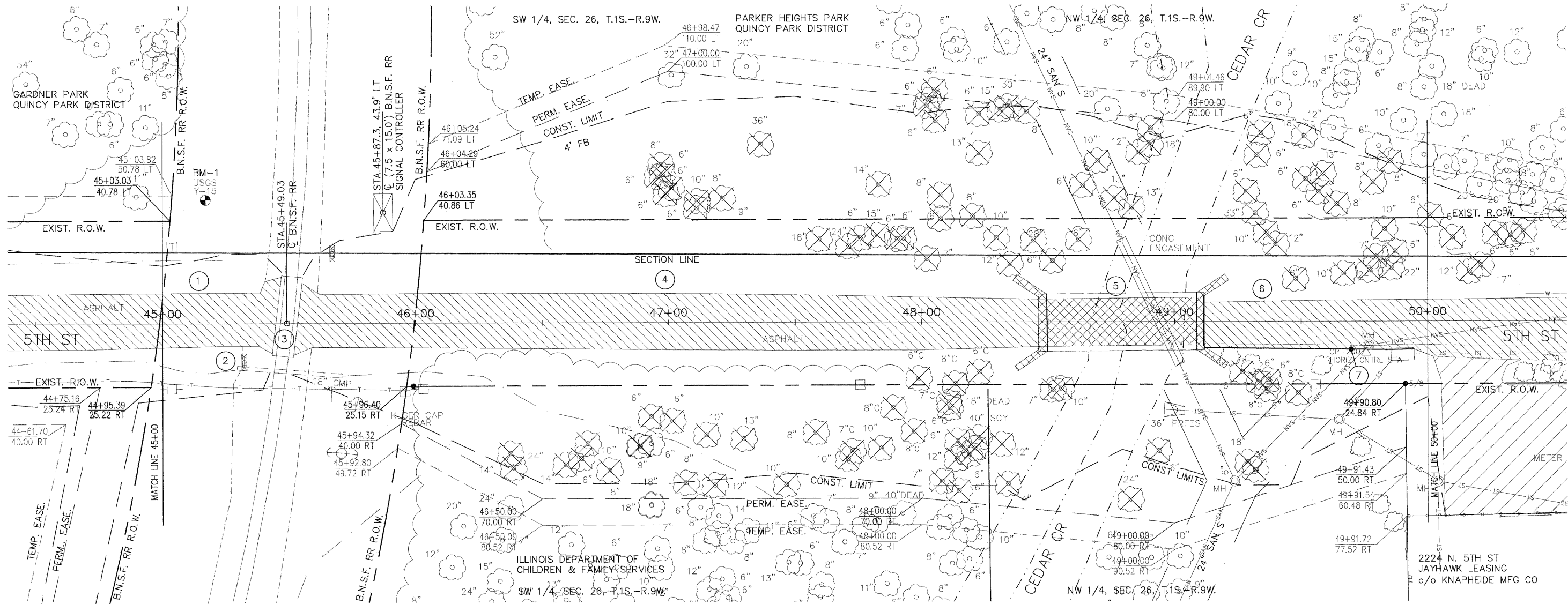
CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 REMOVAL OF IMPROVEMENTS
 SHEET 1 OF 3

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY: DBS
 CHECKED BY: AMW



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	24
STA.	45+00.00	TO STA.	50+00.00	
CONTRACT NO. 93542				



- TREE REMOVAL - SEE SCHEDULE OF QUANTITIES
- ① STA. 45+00.0 - 45+44.8 5TH STREET
111.8 SY - PAVEMENT REMOVAL (ASPHALT)
- ② STA. 45+32.3, 15.3' RT EX R.R. SIGNAL
TO BE RELOCATED (BY OTHERS)
SEE SPECIAL PROVISIONS
- ③ STA. 45+46.5, 13.1' RT - 45+51.3, 18.6' LT
(8.5 X 32.0') CONCRETE PANEL R.R. CROSSING
TO BE RECONSTRUCTED (BY OTHERS)
SEE SPECIAL PROVISIONS
- ④ STA. 45+53.3 - 48+46.3 5TH STREET
705.7 SY - PAVEMENT REMOVAL (ASPHALT)
- ⑤ STA. 48+46.3 - 49+11.5 EX 5TH STREET BRIDGE
REMOVAL OF STRUCTURES
SEE SPECIAL PROVISIONS
- ⑥ STA. 49+11.5 - 50+00.0 5TH STREET
188.5 SY - PAVEMENT REMOVAL (ASPHALT)
- ⑦ STA. 49+11.8 RT - 49+94.6 16' RT (5TH ST)
83 FT - CONC CC&G REMOVAL

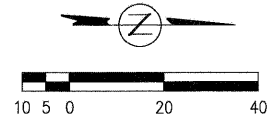
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REVISIONS	
NAME	DATE

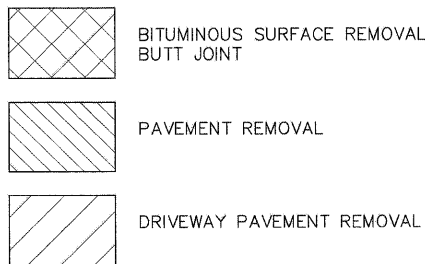
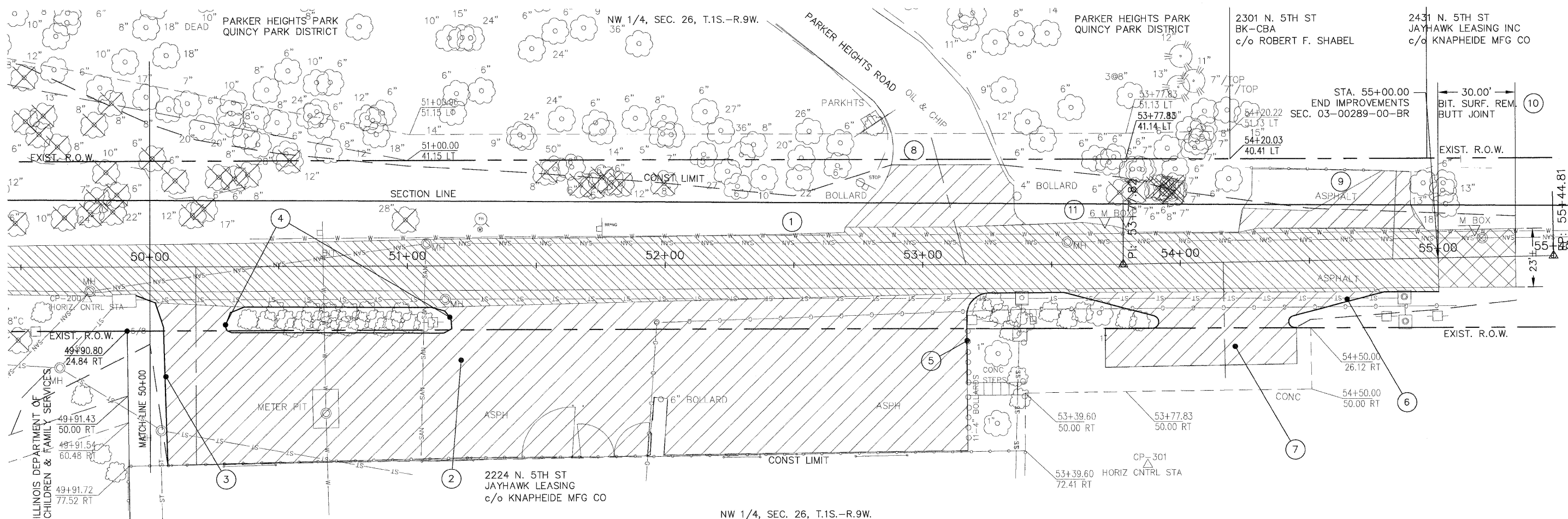
CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 REMOVAL OF IMPROVEMENTS
 SHEET 2 OF 3

SCALE: VERT. DRAWN BY: DBS
 DATE HORIZ. CHECKED BY: AMW

5th ST - REMOVALS - SHEET 2 OF 3



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	25
STA.	50+00.00	TO STA.	55+00.00	
CONTRACT NO. 93542				



- ① STA. 50+00.0 - 55+00.0 5TH STREET
1,402.7 SY - PAVEMENT REMOVAL (ASPHALT)
- ② STA. 50+02.0, 13.0' RT - 53+25.7, 11.1' RT
1,985.0 SY - DRIVEWAY PAVT REMOVAL (ASPH)
- ③ STA. 49+94.6, 11.1' RT - 50+06.8, 77.3' RT
72 FT - CONC CC&G REMOVAL
- ④ STA. 50+36.5, 15.6' RT - 51+09.4, 16.1' RT
187 FT - CONC CC&G REMOVAL
(INCLUDES LANDSCAPE ISLAND)
- ⑤ STA. 53+17.2, 46.0' RT - 53+91.1, 23.0' RT
130 FT - CONC CC&G REMOVAL

- ⑥ STA. 54+41.6, 23.7' RT - 55+00.0, 12.8' RT
65 FT - CONC CC&G REMOVAL
- ⑦ STA. 53+54.4, 11.4' RT - 54+78.7, 13.2' RT
238 SY - DRIVEWAY PAVT REMOVAL (CONC)
- ⑧ STA. 10+15.3 - 10+40.4 PARKER HEIGHT RD
147 SY - PAVEMENT REMOVAL (SEAL COAT)
- ⑨ STA. 54+27.2, 11.7' LT - 54+95.2, 11.5' LT
98 SY - DRIVEWAY PAVT REMOVAL (ASPH)
- ⑩ STA. 55+00.0 TO 55+30.0
76.7 SY - BIT. SURF. REM. - BUTT JOINT
- ⑪ STA. 53+74.5, 19' LT
RELOCATE 6 MAILBOXES

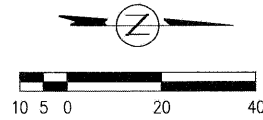
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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 REMOVAL OF IMPROVEMENTS
 SHEET 3 OF 3

SCALE: VERT. _____
 DATE _____

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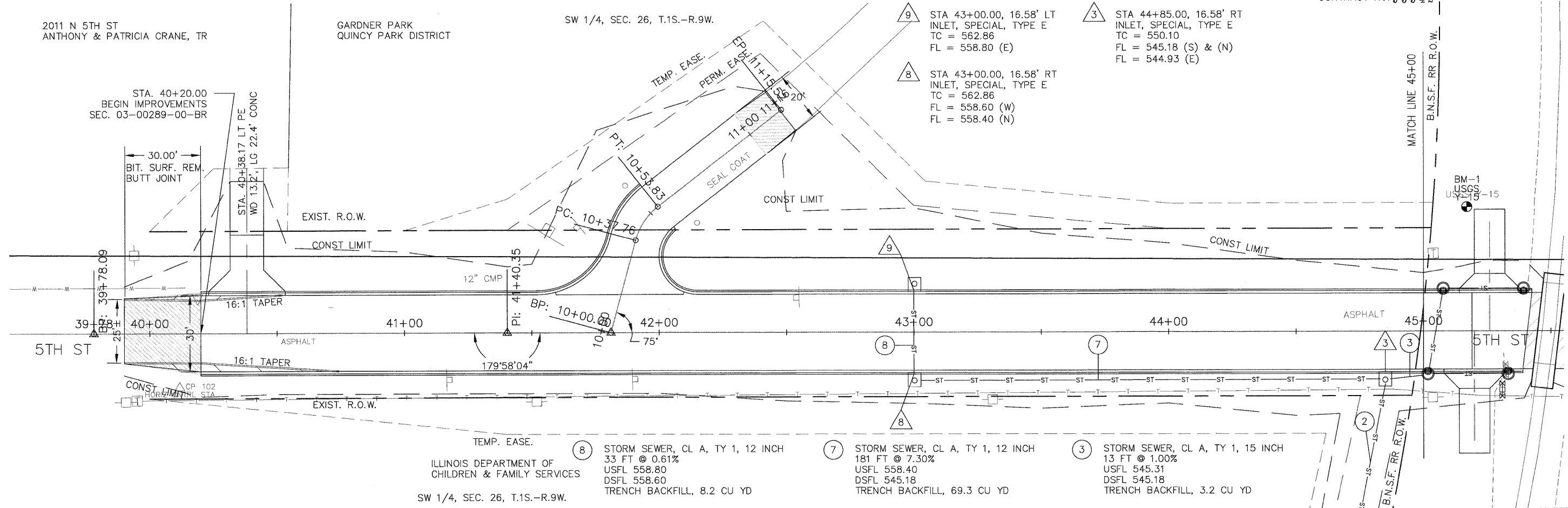
2011 N 5TH ST
ANTHONY & PATRICIA CRANE, TR

GARDNER PARK
QUINCY PARK DISTRICT

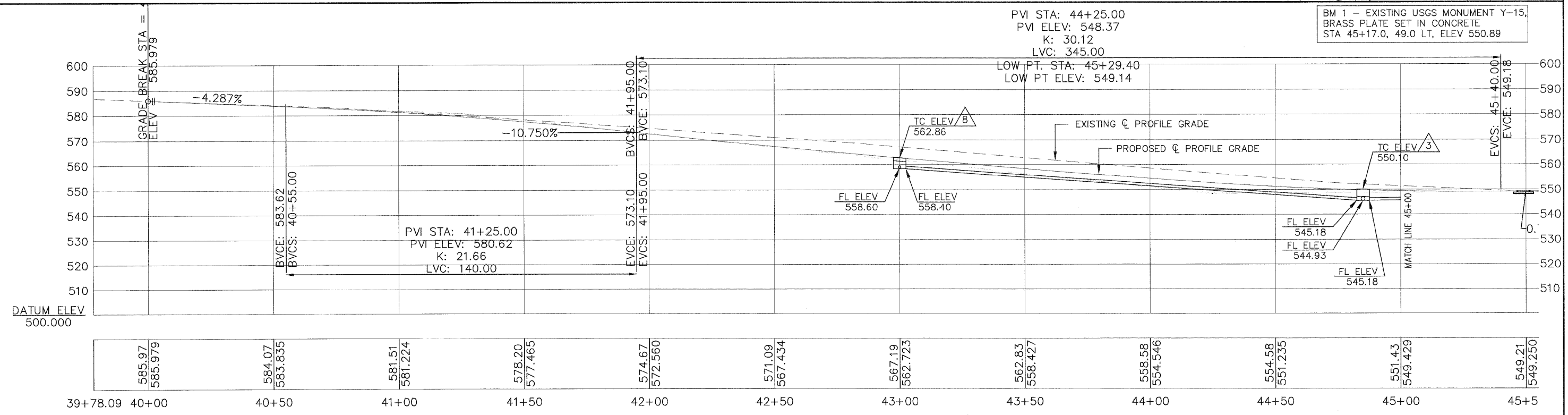
SW 1/4, SEC. 26, T.1S.-R.9W.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	26
STA.	40+00.00	TO STA.	45+00.00	

CONTRACT NO. 93542

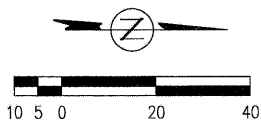


- 8 STORM SEWER, CL A, TY 1, 12 INCH
33 FT @ 0.61%
USFL 558.80
DSFL 558.60
TRENCH BACKFILL, 8.2 CU YD
- 7 STORM SEWER, CL A, TY 1, 12 INCH
181 FT @ 7.30%
USFL 558.40
DSFL 545.18
TRENCH BACKFILL, 69.3 CU YD
- 3 STORM SEWER, CL A, TY 1, 15 INCH
13 FT @ 1.00%
USFL 545.31
DSFL 545.18
TRENCH BACKFILL, 3.2 CU YD



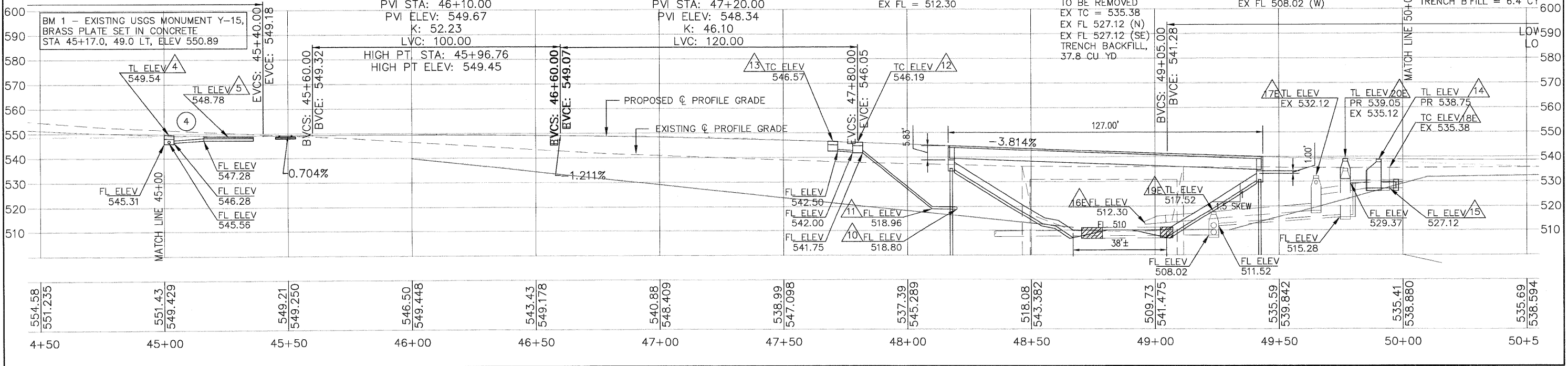
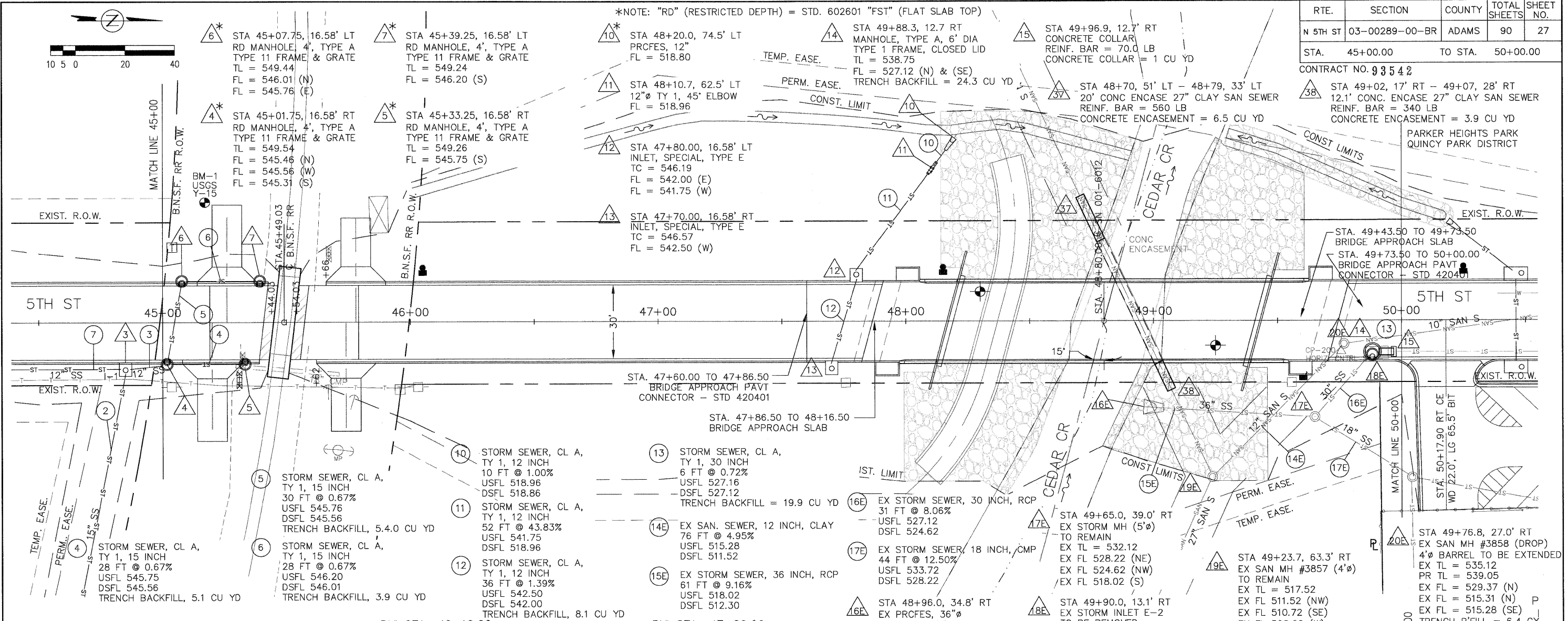
BM 1 - EXISTING USGS MONUMENT Y-15,
BRASS PLATE SET IN CONCRETE
STA 45+17.0, 49.0 LT, ELEV 550.89

585.97	583.62	581.51	578.20	574.67	571.09	567.19	562.83	558.58	554.58	551.43	549.21
585.979	583.835	581.224	577.465	572.560	567.434	562.723	558.427	554.546	551.235	549.429	549.250



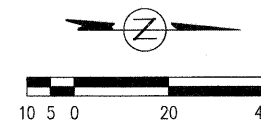
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	27

STA. 45+00.00 TO STA. 50+00.00
 CONTRACT NO. 93542

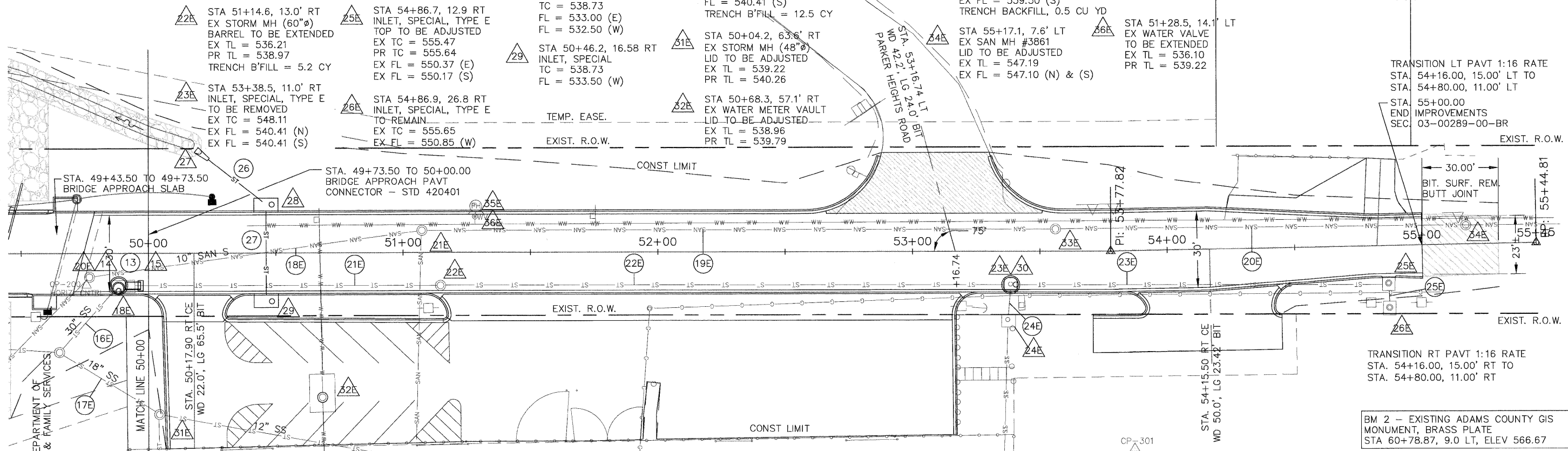


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	28
STA. 50+00.00	TO STA. 55+00.00			

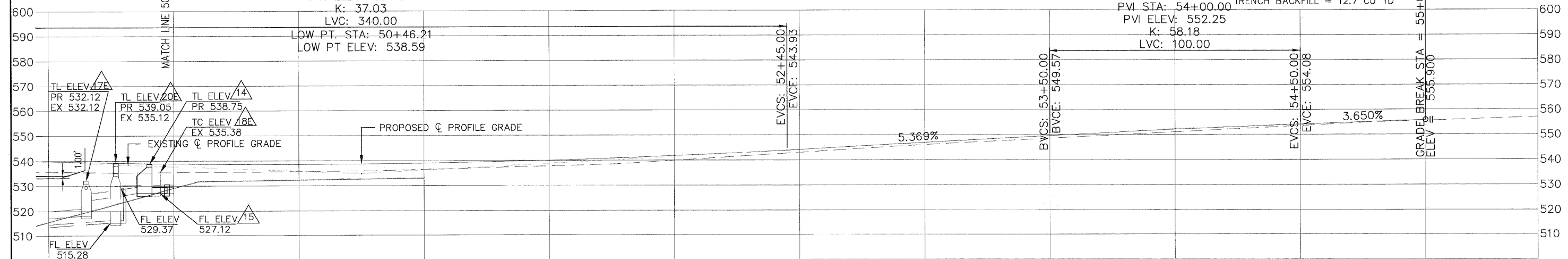
CONTRACT NO. 93542



- 21E STA 51+07.4, 8.7' LT
EX SAN MH #3859 (48"Ø)
BARREL TO BE EXTENDED
EX TL = 536.05
PR TL = 538.92
TRENCH B'FILL = 4.6 CY
- 22E STA 51+14.6, 13.0' RT
EX STORM MH (60"Ø)
BARREL TO BE EXTENDED
EX TL = 536.21
PR TL = 538.97
TRENCH B'FILL = 5.2 CY
- 23E STA 53+38.5, 11.0' RT
INLET, SPECIAL, TYPE E
TO BE REMOVED
EX TC = 548.11
EX FL = 540.41 (N)
EX FL = 540.41 (S)
- 24E STA 53+39.7, 27.3 RT
INLET, SPECIAL, TYPE E
TO REMAIN
EX TC = 551.14
EX FL = 543.36 (W)
EX FL = 543.44 (E)
- 25E STA 54+86.7, 12.9 RT
INLET, SPECIAL, TYPE E
TOP TO BE ADJUSTED
EX TC = 555.47
PR TC = 555.64
EX FL = 550.37 (E)
EX FL = 550.17 (S)
- 26E STA 54+86.9, 26.8 RT
INLET, SPECIAL, TYPE E
TO REMAIN
EX TC = 555.65
EX FL = 550.85 (W)
- 27 STA 50+19.0, 40.6' LT
PRCFES, 15"Ø
FL = 532.00 (NE)
- 28 STA 50+46.2, 16.58 LT
INLET, SPECIAL
TC = 538.73
FL = 533.00 (E)
FL = 532.50 (W)
- 29 STA 50+46.2, 16.58 RT
INLET, SPECIAL
TC = 538.73
FL = 533.50 (W)
- 30 STA 53+38.5, 13.2 RT
MANHOLE, TYPE A, 6' DIA
TYPE 1 FRAME, CLOSED LID
T = 548.69
FL = 540.47 (E)
FL = 540.41 (N)
FL = 540.41 (S)
TRENCH B'FILL = 12.5 CY
- 31E STA 50+04.2, 63.6' RT
EX STORM MH (48"Ø)
LID TO BE ADJUSTED
EX TL = 539.22
PR TL = 540.26
- 32E STA 50+68.3, 57.1' RT
EX WATER METER VAULT
LID TO BE ADJUSTED
EX TL = 538.96
PR TL = 539.79
- 33E STA 53+56.3, 9.0' LT
EX SAN MH #3860
LID TO BE ADJUSTED
EX TL = 548.62
PR TL = 549.74
EX FL = 539.52 (N)
EX FL = 539.50 (S)
TRENCH BACKFILL, 0.5 CU YD
- 35E STA 51+28.5, 18.0' LT
EX FIRE HYDRANT
TO BE EXTENDED
EX GRND = 536.1
PR TC = 539.64
- 36E STA 51+28.5, 14.1' LT
EX WATER VALVE
TO BE EXTENDED
EX TL = 536.10
PR TL = 539.22

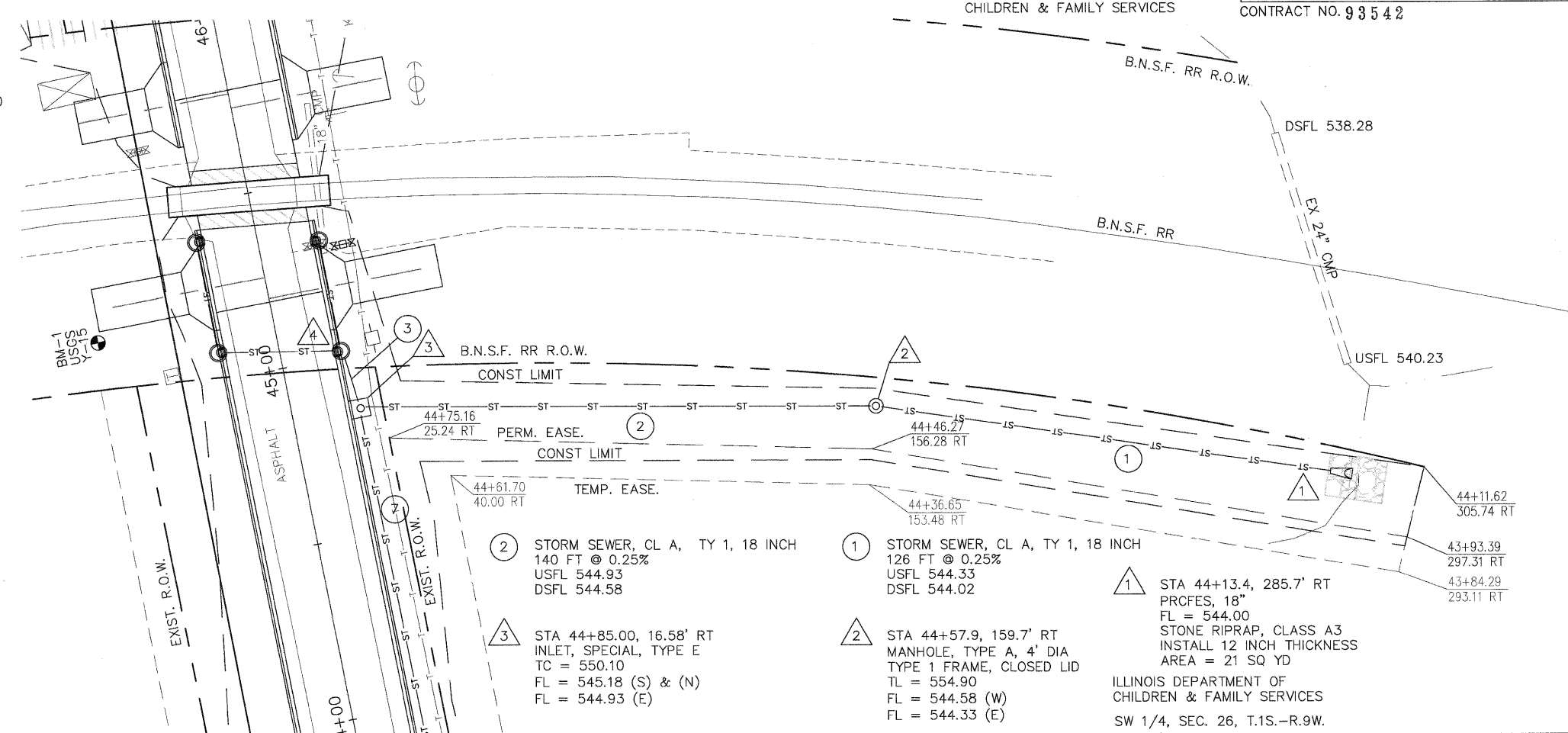
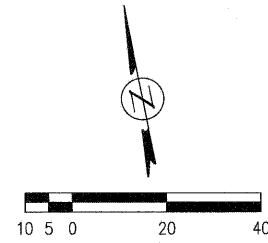


- 18E EX SAN. SEWER, 10" CLAY
130 FT @ 0.80%
USFL 530.41
DSFL 529.37
- 19E EX SAN. SEWER, 10" CLAY
270 FT @ 3.34%
USFL 539.50
DSFL 530.49
- 20E EX SAN. SEWER, 10" CLAY
160 FT @ 4.74%
USFL 547.10
DSFL 539.52
- 21E EX STORM SEWER, 30" CPVC
120 FT @ 0.70%
USFL 527.96
DSFL 527.12
- 22E EX STORM SEWER, 30" CPVC
220 FT @ 3.82%
USFL 540.41
DSFL 532.01
- 23E EX STORM SEWER, 12" RCP
145 FT @ 6.73%
USFL 550.17
DSFL 540.41
- 24E EX STORM SEWER, 30" CPVC
10 FT @ 28.9%
USFL 543.36
DSFL 540.47
- 25E EX STORM SEWER, 12" RCP
6 FT @ 8.00%
USFL 550.85
DSFL 550.37
- 26 STORM SEWER, CL A, TY 1, 15"
27 FT @ 1.52%
USFL 532.50
DSFL 532.09
- 27 STORM SEWER, (WMR) TY 1, 12"
34 FT @ 1.47%
USFL 533.50
DSFL 533.00
TRENCH BACKFILL = 12.7 CU YD



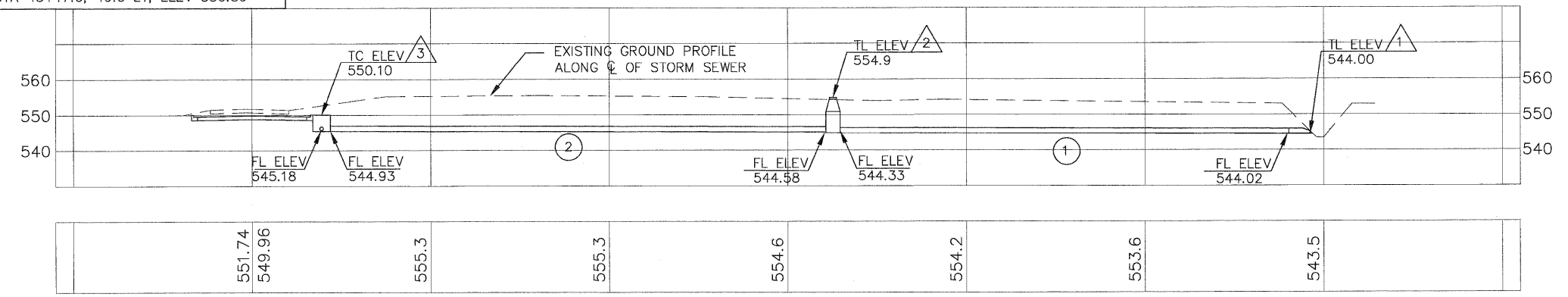
535.59	539.842	535.41	538.880	535.69	538.594	536.44	538.982	537.81	540.046	539.93	541.786	543.04	544.197	546.00	546.881	548.52	549.566	550.99	552.035	553.50	554.075	555.62	555.900	557.04
9+50		50+00		50+50		51+00		51+50		52+00		52+50		53+00		53+50		54+00		54+50		55+00		55+44.81

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	29
STA.	40+00.00	TO STA.	45+00.00	
CONTRACT NO. 93542				



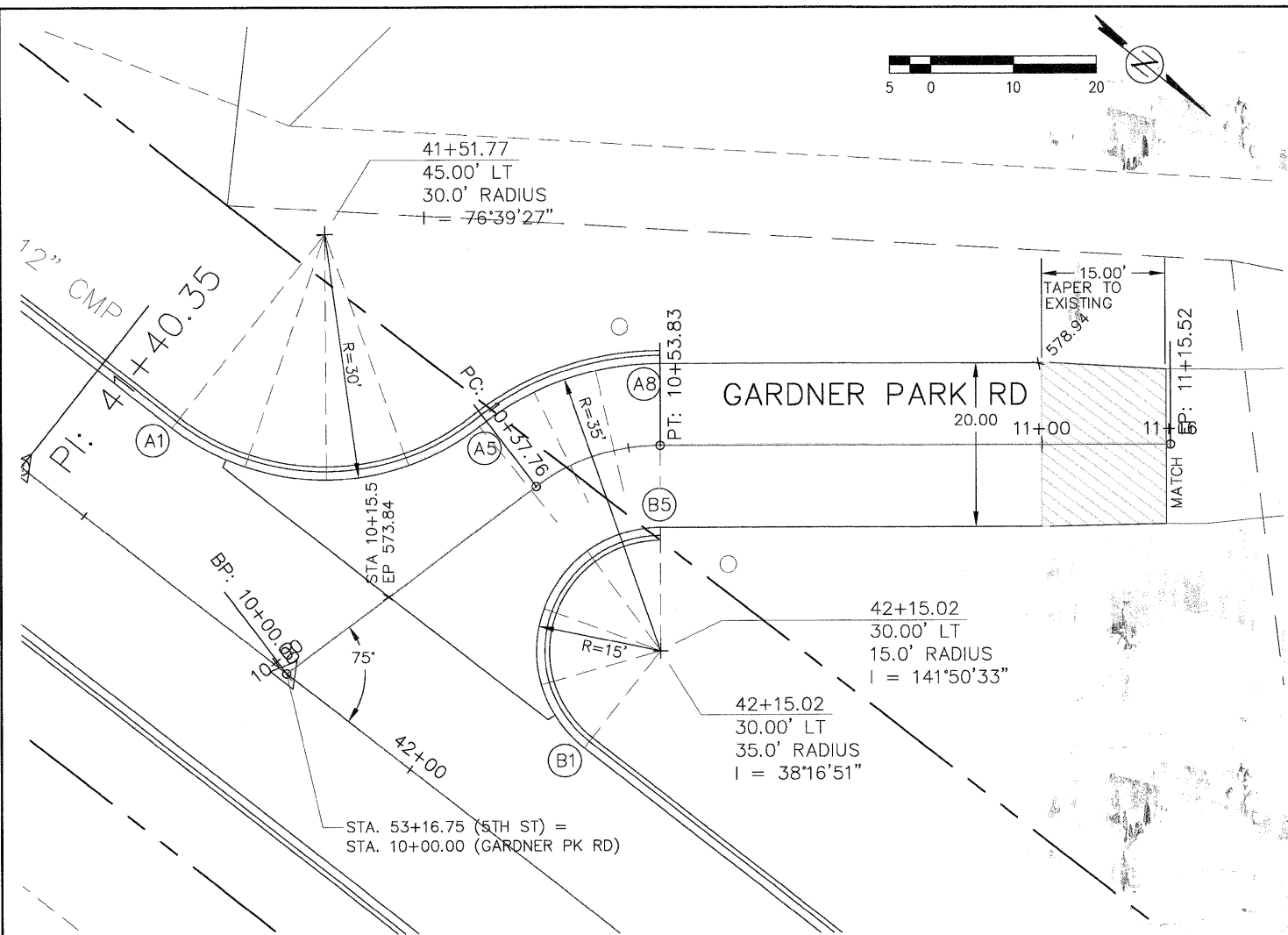
- ② STORM SEWER, CL A, TY 1, 18 INCH
140 FT @ 0.25%
USFL 544.93
DSFL 544.58
 - ① STORM SEWER, CL A, TY 1, 18 INCH
126 FT @ 0.25%
USFL 544.33
DSFL 544.02
 - ③ STA 44+85.00, 16.58' RT
INLET, SPECIAL, TYPE E
TC = 550.10
FL = 545.18 (S) & (N)
FL = 544.93 (E)
 - ② STA 44+57.9, 159.7' RT
MANHOLE, TYPE A, 4' DIA
TYPE 1 FRAME, CLOSED LID
TL = 554.90
FL = 544.58 (W)
FL = 544.33 (E)
 - ① STA 44+13.4, 285.7' RT
PROFES, 18"
FL = 544.00
STONE RIPRAP, CLASS A3
INSTALL 12 INCH THICKNESS
AREA = 21 SQ YD
- ILLINOIS DEPARTMENT OF CHILDREN & FAMILY SERVICES
SW 1/4, SEC. 26, T.1S.-R.9W.

BM 1 - EXISTING USGS MONUMENT Y-15,
BRASS PLATE SET IN CONCRETE
STA 45+17.0, 49.0 LT, ELEV 550.89



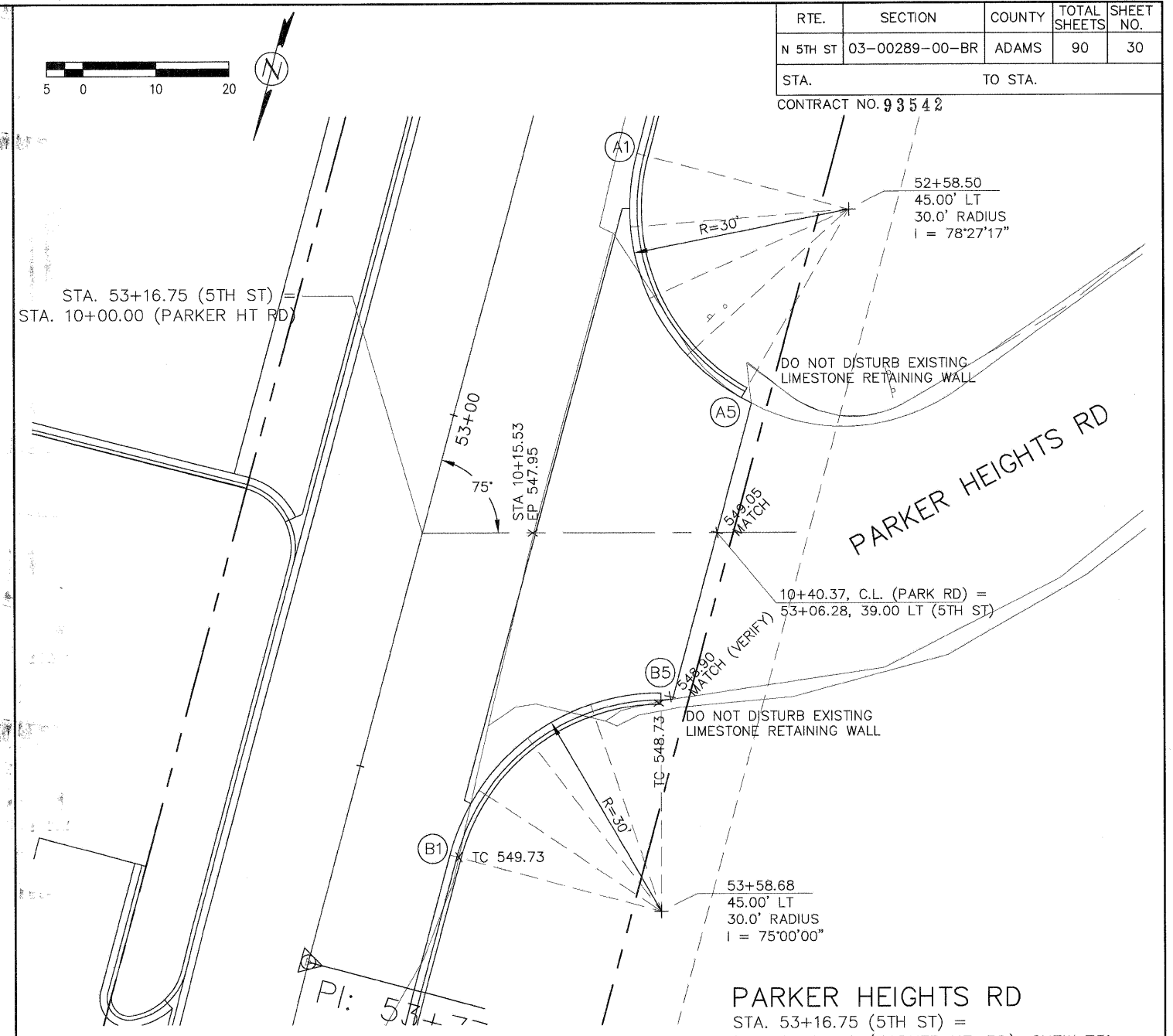
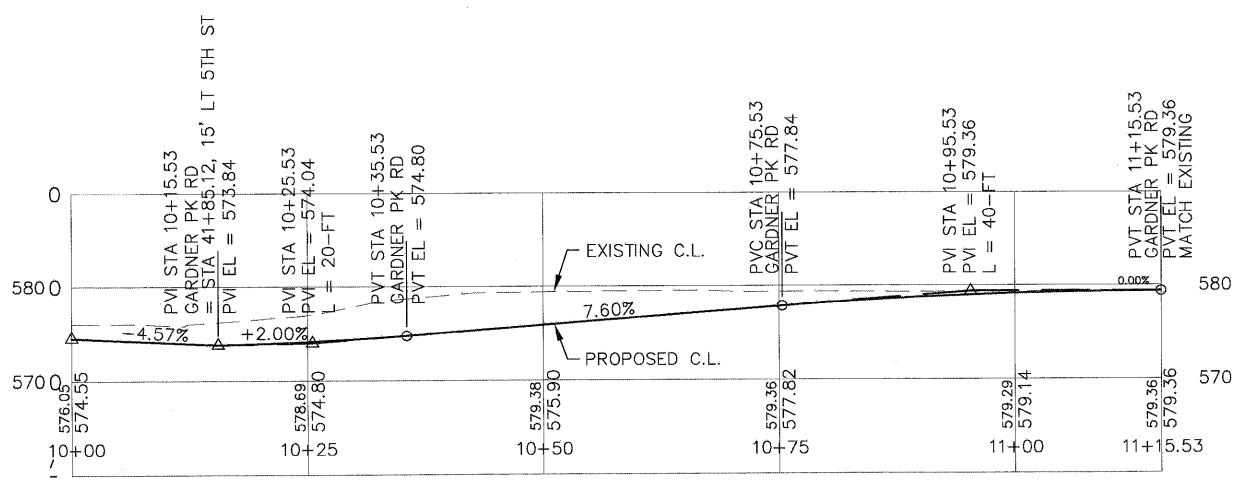
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	30
STA. _____ TO STA. _____				

CONTRACT NO. 93542



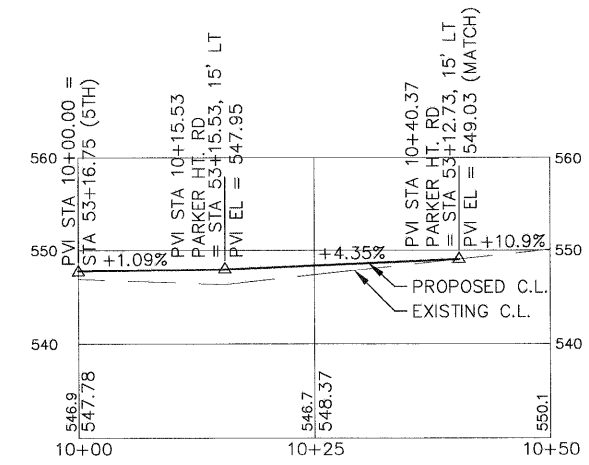
A1 41+51.77 15.00 LT 577.01	A6 41+83.55 45.32 LT 575.54	B1 42+15.02 15.00 LT 570.62
A2 41+61.63 16.66 LT 575.82	A7 41+87.91 52.14 LT 575.73	B2 42+06.32 17.87 LT 571.72
A3 41+70.38 21.47 LT 574.89	A8 41+93.11 57.02 LT 575.99 =	B3 42+00.85 25.10 LT 573.14
A4 41+77.08 28.99 LT 574.75	10+53.83 10.00 LT (PARK RD)	B4 42+00.63 34.23 LT 574.56
A5 41+80.62 37.77 LT 575.36		B5 42+05.76 41.80 LT 575.99 =
		10+53.83 10.00 RT (PARK RD)

GARDNER PARK RD
 STA. 41+81.10 (5TH ST) =
 STA. 10+00.00 (GARDNER PK RD), SKEW 75°



A1 52+58.49 15.00 LT 544.35	B1 53+58.67 15.00 LT 549.21
A2 52+68.56 16.74 LT 545.29	B2 53+49.02 16.59 LT 549.29
A3 52+77.46 21.76 LT 546.38	B3 53+40.33 21.58 LT 549.13
A4 52+83.74 28.81 LT 547.46	B4 53+33.72 28.33 LT 548.96
A5 52+87.52 37.46 LT 548.55 MATCH (VERIFY)	B5 53+29.69 37.24 LT 548.80 MATCH (VERIFY)

PARKER HEIGHTS RD
 STA. 53+16.75 (5TH ST) =
 STA. 10+00.00 (PARKER HT. RD), SKEW 75°

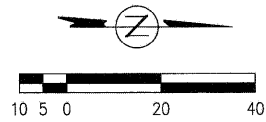


REVISIONS	
NAME	DATE

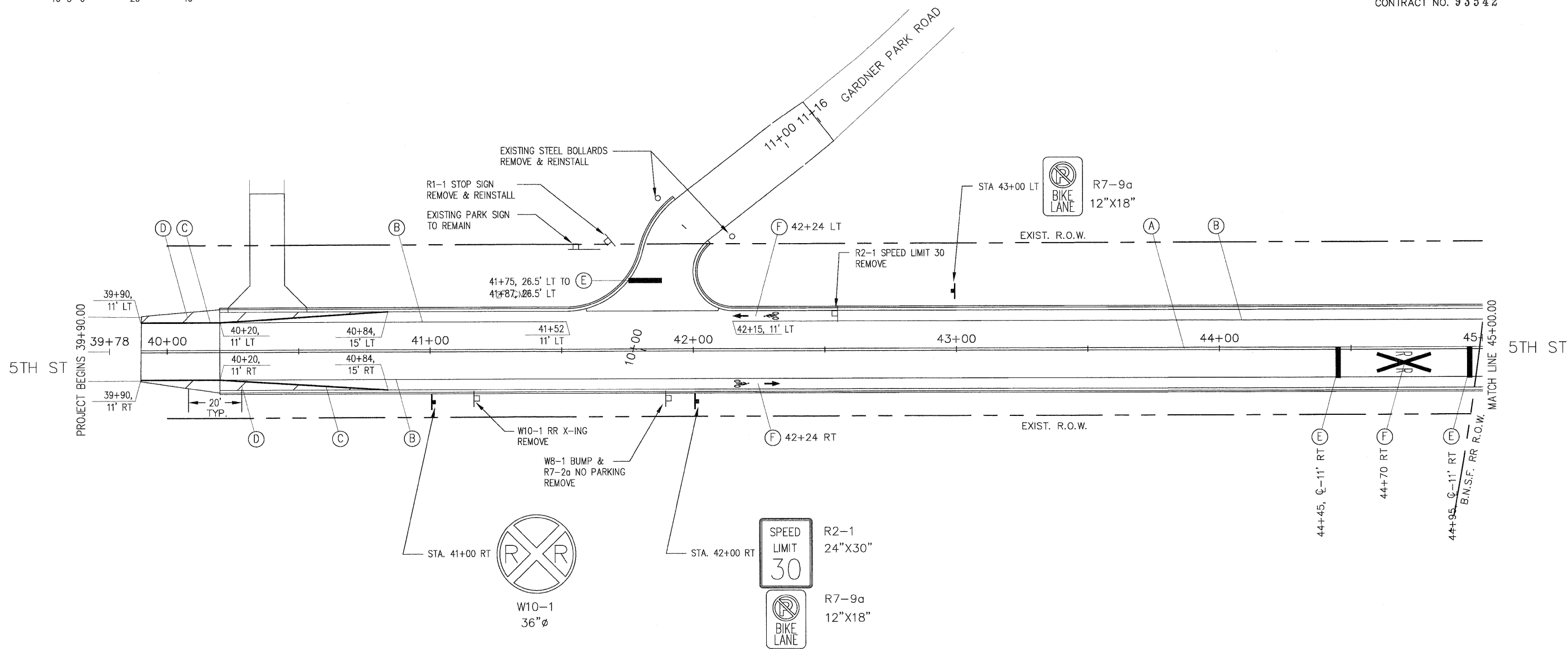
CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 INTERSECTION GEOMETRICS

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY: DBS
 CHECKED BY: AMW



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	31
STA.	40+00.00	TO STA.	45+00.00	
CONTRACT NO. 93542				

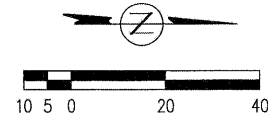


- (A) PAINT PAVEMENT MARKING - LINE 5" CENTERLINE, DUAL SOLID YELLOW
- (B) PAINT PAVEMENT MARKING - LINE 5" BIKE LANE, SOLID WHITE
- (C) PAINT PAVEMENT MARKING - LINE 8" PAVEMENT LANE NARROWS, SOLID WHITE
- (D) PAINT PAVEMENT MARKING - LINE 12" CHEVRON, SOLID WHITE
- (E) PAINT PAVEMENT MARKING - LINE 24" STOP BAR, SOLID WHITE
- (F) PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS SOLID WHITE

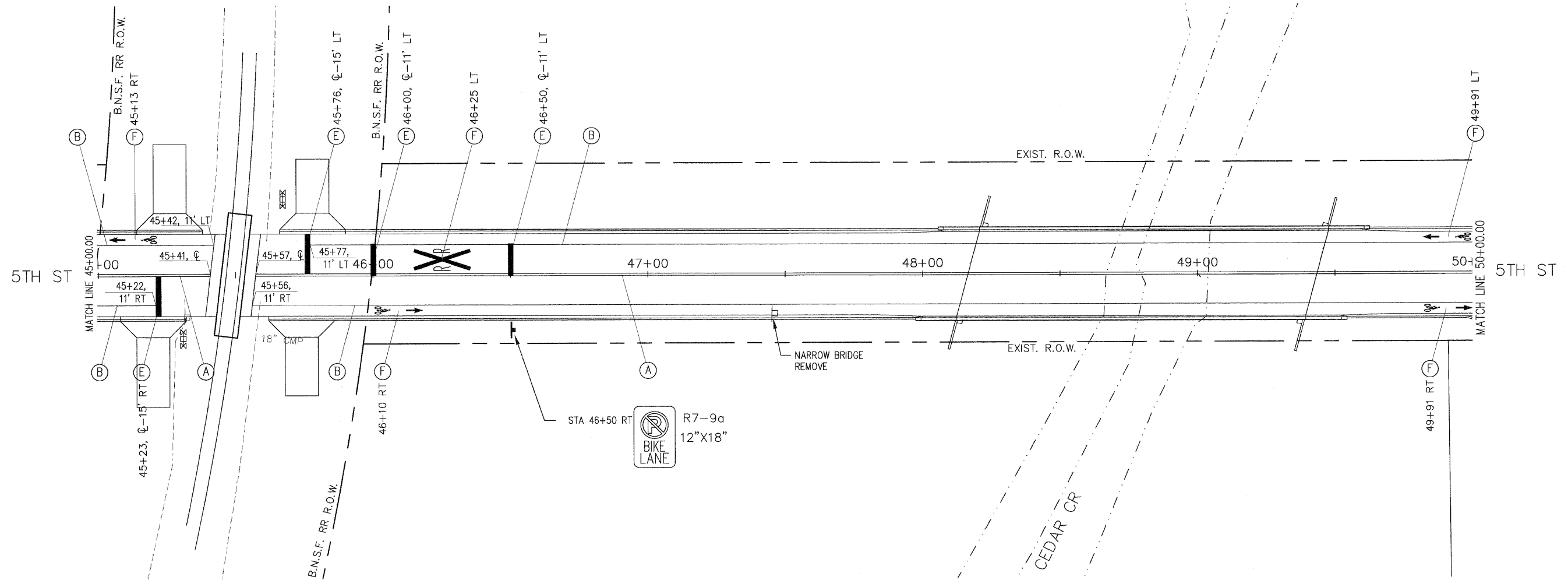
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 WITH OFFICES IN IKEOKUK, IOWA & HANNIBAL, MISSOURI
 www.psba.com • PHONE 617-223-4605

REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 PAVEMENT MARKING AND SIGNAGE
 SHEET 1 OF 3
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY: DBS
 CHECKED BY: AMW



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	32
STA.	45+00.00	TO STA.	50+00.00	
CONTRACT NO. 93542				



- (A) PAINT PAVEMENT MARKING - LINE 5" CENTERLINE, DUAL SOLID YELLOW
- (B) PAINT PAVEMENT MARKING - LINE 5" BIKE LANE, SOLID WHITE
- (C) PAINT PAVEMENT MARKING - LINE 8" PAVEMENT LANE NARROWS, SOLID WHITE
- (D) PAINT PAVEMENT MARKING - LINE 12" CHEVRON, SOLID WHITE
- (E) PAINT PAVEMENT MARKING - LINE 24" STOP BAR, SOLID WHITE
- (F) PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS SOLID WHITE

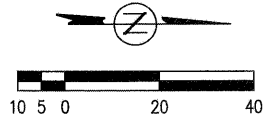
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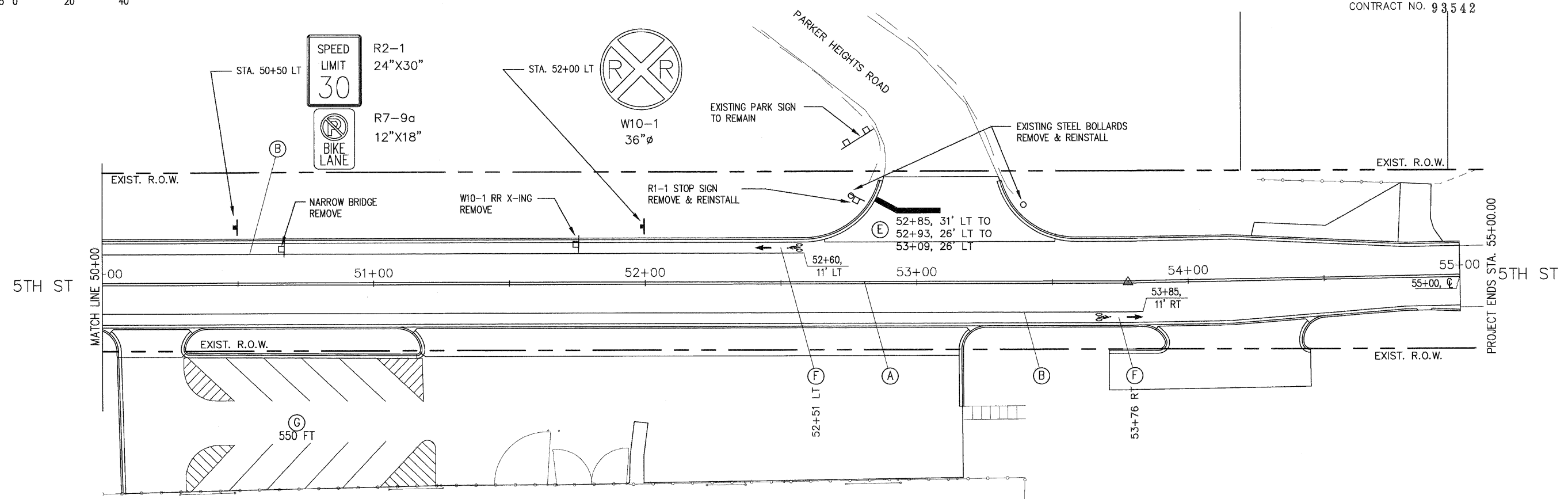
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 PAVEMENT MARKING
 AND SIGNAGE
 SHEET 2 OF 3

SCALE: VERT. DRAWN BY: DBS
 HORIZ. CHECKED BY: AMW
 DATE



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	33
STA. 50+00.00		TO STA. 55+00.00		
CONTRACT NO. 93542				



- (A) PAINT PAVEMENT MARKING - LINE 5" CENTERLINE, DUAL SOLID YELLOW
- (B) PAINT PAVEMENT MARKING - LINE 5" BIKE LANE, SOLID WHITE
- (C) PAINT PAVEMENT MARKING - LINE 8" PAVEMENT LANE NARROWS, SOLID WHITE
- (D) PAINT PAVEMENT MARKING - LINE 12" CHEVRON, SOLID WHITE
- (E) PAINT PAVEMENT MARKING - LINE 24" STOP BAR, SOLID WHITE
- (F) PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS SOLID WHITE
- (G) PAINT PAVEMENT MARKING - LINE 5" PARKING LOT STRIPING, SOLID WHITE

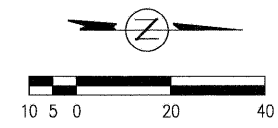
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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 PAVEMENT MARKING AND SIGNAGE
 SHEET 3 OF 3
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	34
STA. 39+90.00		TO STA. 45+00.00		

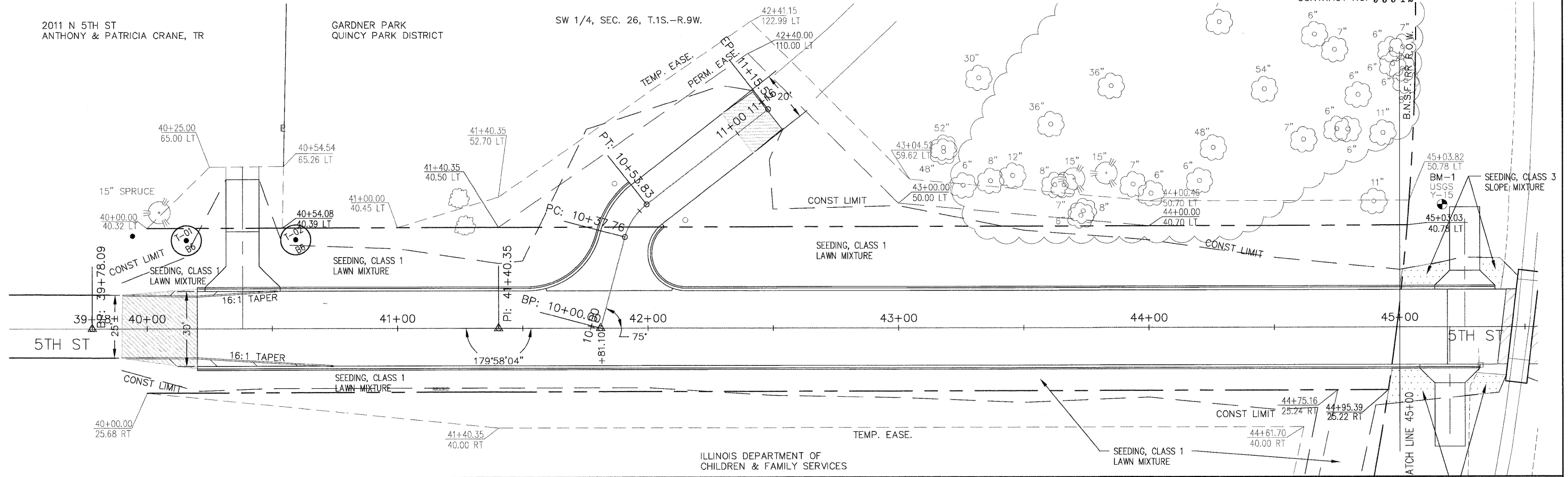
CONTRACT NO. 93542



2011 N 5TH ST
ANTHONY & PATRICIA CRANE, TR

GARDNER PARK
QUINCY PARK DISTRICT

SW 1/4, SEC. 26, T.1S.-R.9W.



ILLINOIS DEPARTMENT OF
CHILDREN & FAMILY SERVICES

LABEL	LOCATION	TREE	LABEL	LOCATION	TREE	LABEL	LOCATION	TREE
T-01	40+16, 35 LT	B6	T-13	46+64, 55 RT	B1	T-25	47+39, 60 RT	A7
T-02	40+59, 35 LT	B6	T-14	46+69, 32 RT	B2	T-26	47+52, 38 RT	B2
T-03	46+05, 46 RT	A2	T-15	46+75, 45 RT	A1	T-27	47+54, 52 RT	A5
T-04	46+14, 32 RT	B4	T-16	46+78, 62 RT	A3	T-28	47+54, 69 RT	A8
T-05	46+20, 55 RT	A7	T-17	46+92, 57 RT	B3	T-29	47+61, 31 RT	B3
T-06	46+22, 40 RT	B5	T-18	46+92, 41 RT	A5	T-30	47+70, 43 RT	A1
T-07	46+35, 60 RT	B6	T-19	47+06, 53 RT	A7	T-31	47+71, 62 RT	A3
T-08	46+36, 44 RT	A4	T-20	47+09, 38 RT	B4	T-32	47+84, 37 RT	C1
T-09	46+43, 31 RT	C1	T-21	47+22, 62 RT	A4	T-33	47+80, 51 RT	A2
T-10	46+49, 57 RT	A6	T-22	47+22, 44 RT	A8	T-34	47+94, 31 RT	B6
T-11	46+57, 41 RT	A8	T-23	47+29, 32 RT	B5			
T-12	46+62, 72 RT	A2	T-24	47+39, 44 RT	A6			

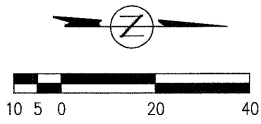
QUANTITY	TREE SPECIES
2	A1 - TREE, ACER RUBRUM (RED MAPLE)
3	A2 - TREE, BETULA NIGRA (RIVER BIRCH)
2	A3 - TREE, CARYA OVATA (SHAGBARK HICKORY)
2	A4 - TREE, FRAXINUS AMERICANA (WHITE ASH)
2	A5 - TREE, LIRIDENDRON TULIPIFERA (TULIP TREE)
2	A6 - TREE, QUERCUS ALBA (WHITE OAK)
3	A7 - TREE, QUERCUS IMBRICARIA (SHINGLE OAK)
3	A8 - TREE, QUERCUS RUBRA (RED OAK)
1	B1 - TREE, ACER GRISEIUM (PAPERBARK MAPLE)
2	B2 - TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY)
2	B3 - TREE, CERCIS CANADENSIS (EASTERN REDBUD)
2	B4 - TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN)
2	B5 - TREE, MAGNOLIA SOULANGIANA (SAUCER MAGNOLIA)
4	B6 - TREE, CORNUS KOUSA (KOUSA DOGWOOD)
2	C1 - SHRUB, HAMAMELIS VERNALIS (VERNAL WITCH HAZEL)

TOTAL 34

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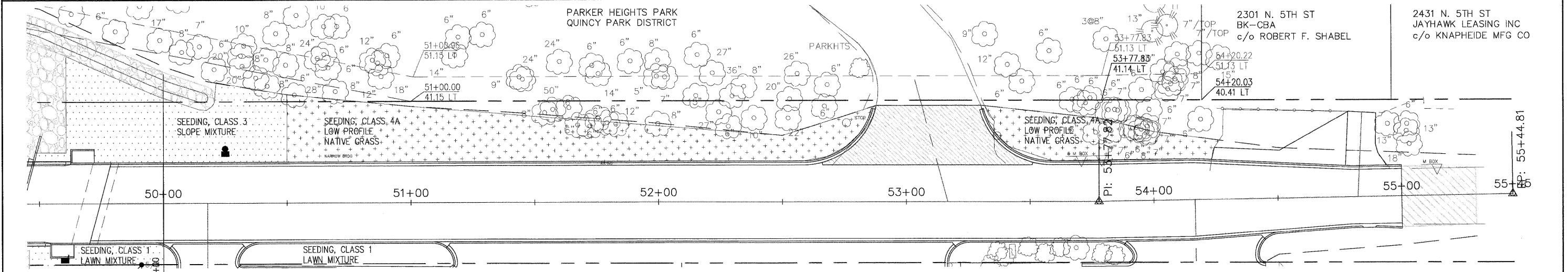
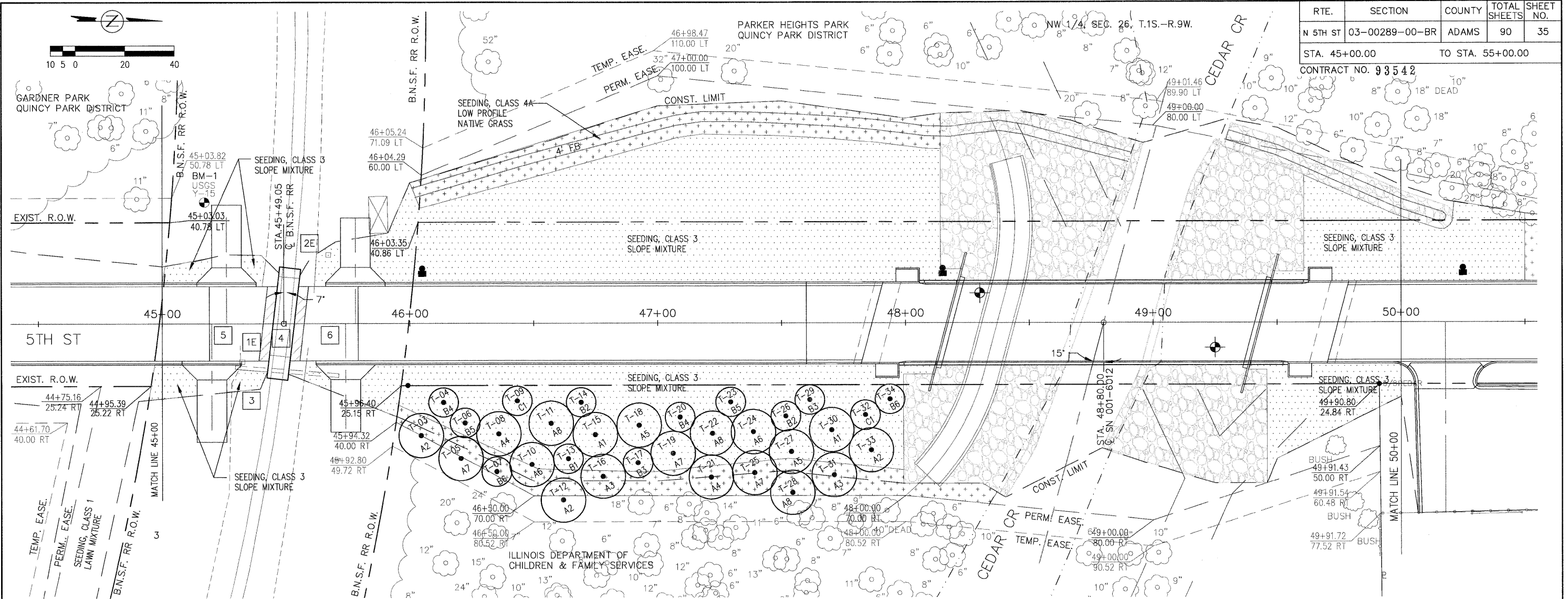
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
LANDSCAPE PLAN
1 OF 2
SCALE: VERT. DATE
HORIZ. DATE
DRAWN BY: DBS
CHECKED BY: AMW



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	35

STA. 45+00.00 TO STA. 55+00.00
CONTRACT NO. 93542



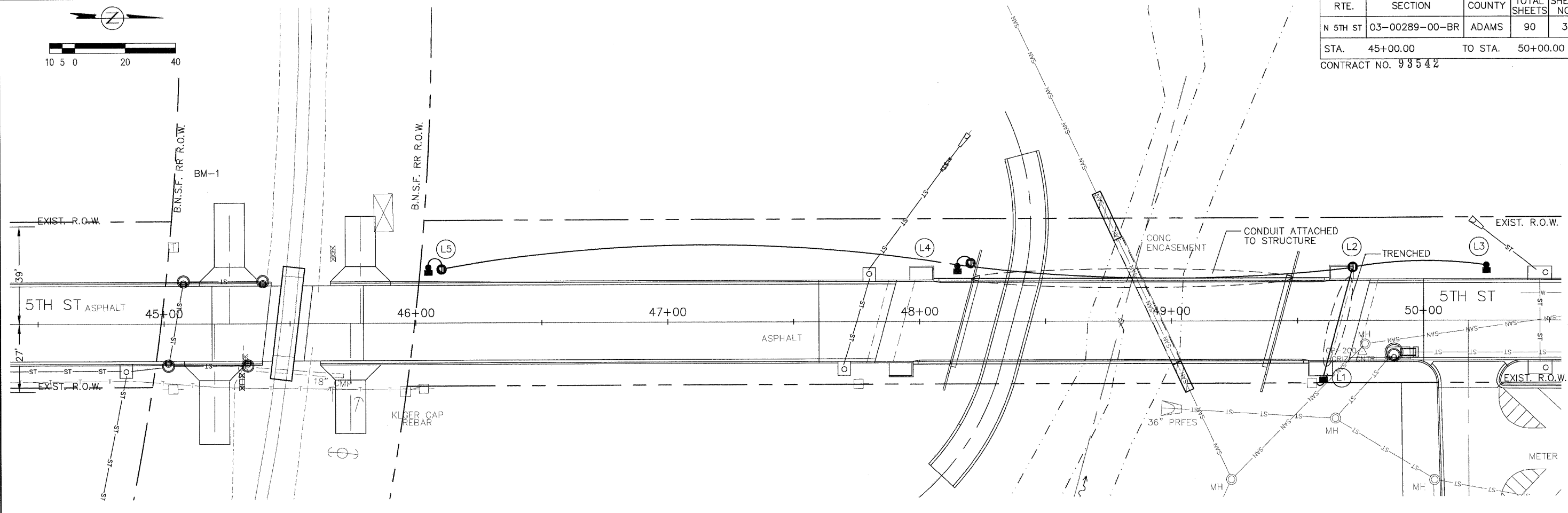
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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
LANDSCAPE PLAN
2 OF 2

SCALE: VERT. _____
HORIZ. _____
DATE _____
DRAWN BY: DBS
CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	36
STA.	45+00.00	TO STA.	50+00.00	
CONTRACT NO. 93542				



- (L1) STA. 49+60.0, 22.0 RT
NEW ELECTRICAL SERVICE CONNECTION
& LIGHTING CONTROLLER
- (L2) STA. 49+72.0, 22.0' LT
GULFBOX JUNCTION
- (L3) STA. 50+25.0, 22.0' LT
LUMINAIRE, LIGHT POLE,
FOUNDATION
- (L4) STA. 48+05.0, 22.0' LT
LUMINAIRE, LIGHT POLE,
FOUNDATION, GULFBOX JUNCTION
- (L5) STA. 46+05.0, 22.0' LT
LUMINAIRE, LIGHT POLE,
FOUNDATION, GULFBOX JUNCTION

SYMBOLS		
EXIST	NEW	
□	■	LIGHT POLE AND TURNPIKE LUMINAIRE
→	→	POWER POLE
○	●	PULL / JUNCTION BOX
□	■	DISCONNECT AND CONTROL ENCLOSURE

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REVISIONS	
NAME	DATE

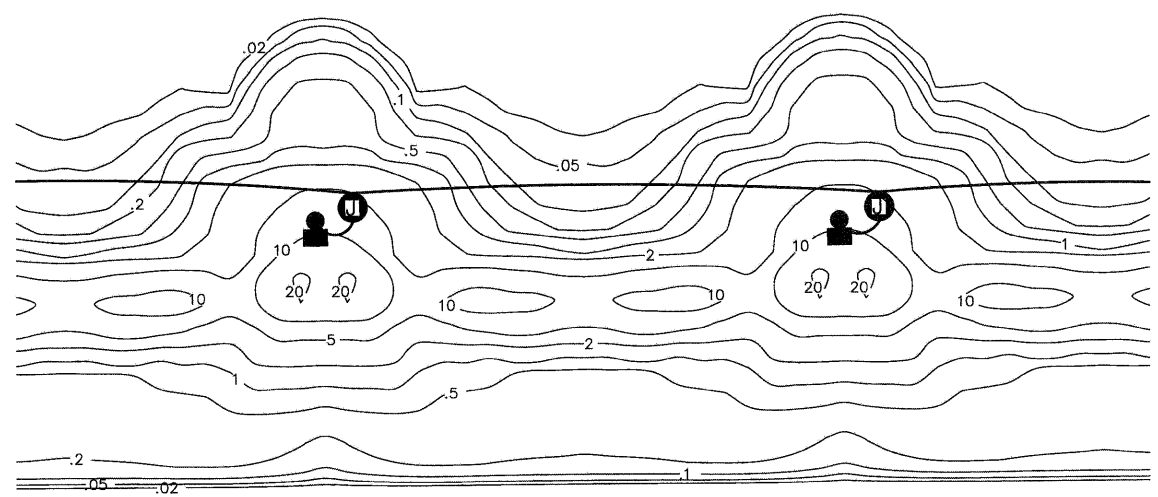
CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 LIGHTING PLAN
 SHEET 1 OF 3
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	37

CONTRACT NO. 93542

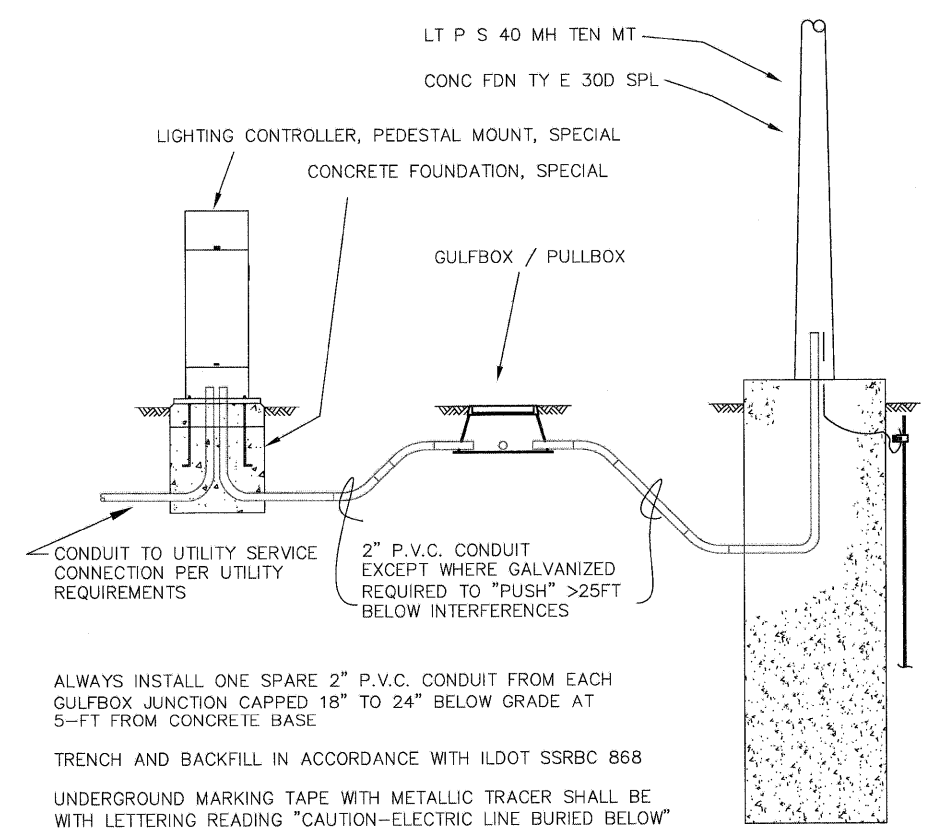
GENERAL NOTES

- SERVICE PEDESTAL AS DETAILED APPEARS IN PAY CODE ITEMS AS LIGHTING CONTROLLER PEDESTAL MOUNT.
- UTILITY SERVICE CONNECTIONS MAY BE EITHER 240V/120V SINGLE OR 208Y/120V THREE PHASE.
- CHANGE SERVICE LATERAL CONDUCTORS AND MAIN CIRCUIT BREAKER "C" TO THREE PHASE AND ADJUST ENCLOSURE WIRING FOR THREE PHASE SERVICE TO 'TYPE B MODIFIED'.
- SIMILAR FOR SERVICE PEDESTAL & LIGHTING CONTROLLER. MODIFY METER SOCKET, MAIN CIRCUIT BREAKERS, AND LOAD CENTER PANEL(S) AS REQUIRED.
- SERVICE EQUIPMENT ENCLOSURE AND METERING EQUIPMENT SHALL VARY AS NEEDED TO MEET THE REQUIREMENTS OF THE SPECIFIC SERVING UTILITY.
- A SEPARATE BUS SHALL BE PROVIDED FOR EACH CIRCUIT WHERE SHOWN ON CIRCUIT DRAWINGS IF THE SERVING UTILITY ALLOWS BOTH METERED AND UNMETERED CIRCUITS.
- MOUNTING BASE CONFIGURATION WILL VARY WITH VENDORS, CONTRACTOR SHALL ADJUST ANCHORS AS REQUIRED.
- SEE GENERAL NOTES FOR PAY CODE IDENTIFICATION.



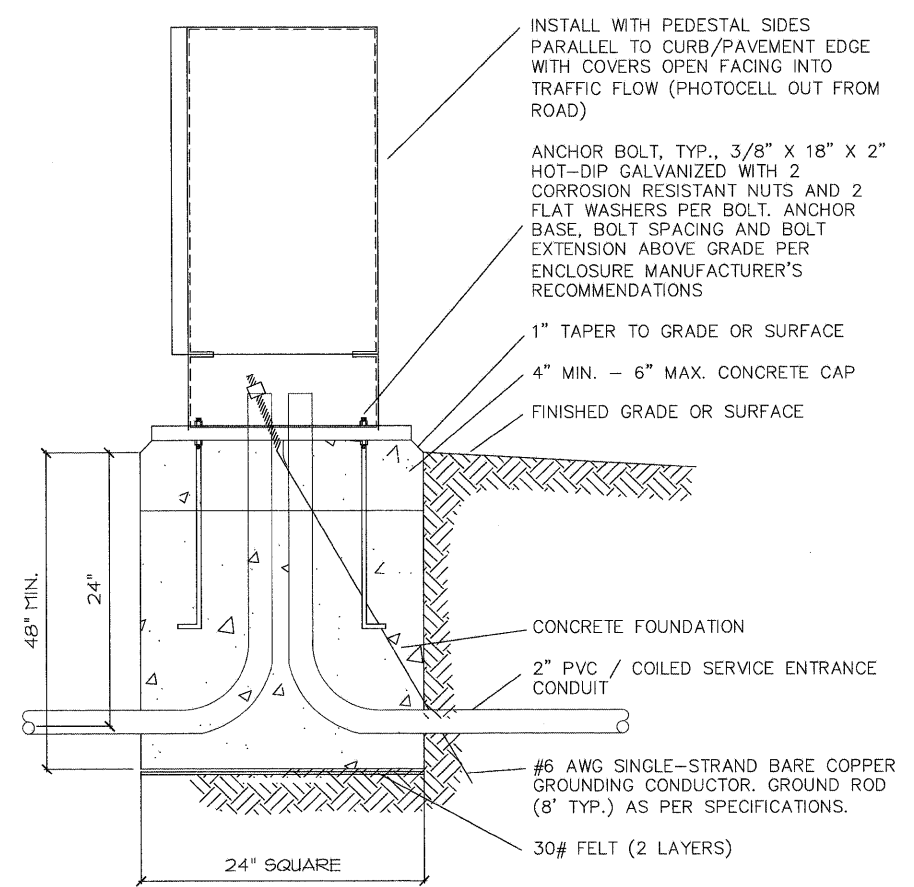
LIGHT DISTRIBUTION BASED ON THE USE OF:
 GE TURNPIKE FIXTURE - KNUCKLE SLIPFITTER
 CATALOG # RPF5-24-S-0-A-1-G-MN2-GR-K
 250W HPS LAMP - TYPE M-N-III DISTRIBUTION
 LEADING TYPE AUTOREGULATOR BALLAST
 MN2 AT 3'3" SETBACK WITH 23' (-22' FROM 45') TILT:
 AVERAGE ILLUMINANCE = 8.46 LUX
 UNIFORMITY AS AVE./MIN. = 5.56
 GE IES ISO PLOT #8042
 SUBSTITUTION MUST PROVIDE SIMILAR OR BETTER
 DISTRIBUTION
 (ELECTRICAL SERVICE SHALL BE 240 VAC)

LIGHTING DESIGN BASED ON: ILDOT BUREAU OF
 DESIGN AND ENVIRONMENT MANUAL
 FIGURE 56-5B
 ILLUMINANCE DESIGN CRITERIA
 LOCAL ROADWAY - CONCRETE (R1)
 MINIMUM AVERAGE ILLUMINANCE
 COMMERCIAL 6 LUX
 INTERMEDIATE 5 LUX
 RESIDENTIAL 3 LUX
 UNIFORMITY RATIO < 6:1

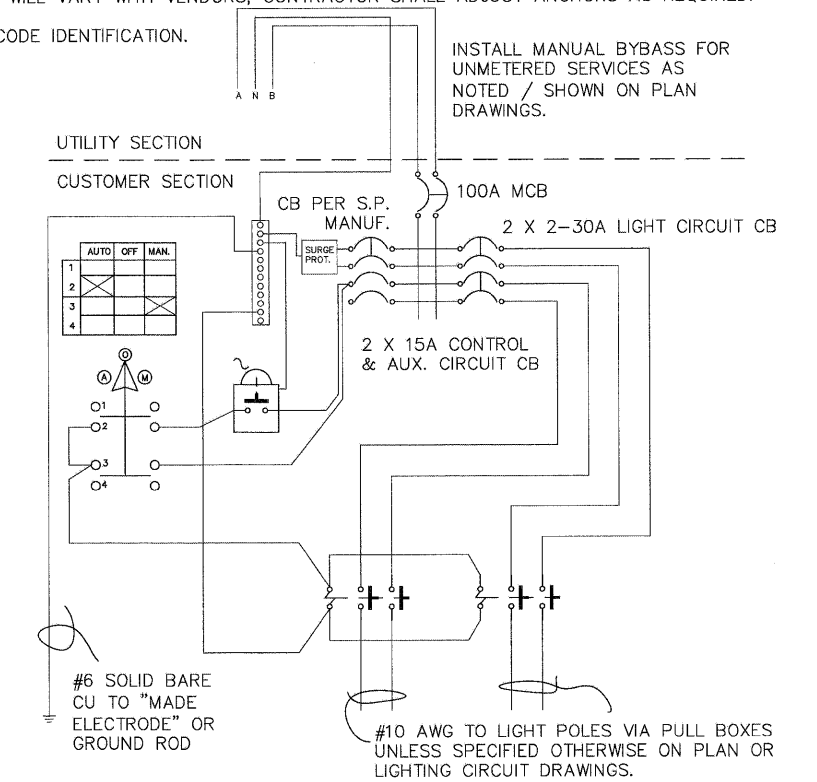


ALWAYS INSTALL ONE SPARE 2" P.V.C. CONDUIT FROM EACH GULFBOX JUNCTION CAPPED 18" TO 24" BELOW GRADE AT 5-FT FROM CONCRETE BASE
 TRENCH AND BACKFILL IN ACCORDANCE WITH ILDOT SSRBC 868
 UNDERGROUND MARKING TAPE WITH METALLIC TRACER SHALL BE WITH LETTERING READING "CAUTION-ELECTRIC LINE BURIED BELOW"

TYPICAL ROADWAY LIGHTING CIRCUIT EQUIPMENT
 NO SCALE



SERVICE PEDESTAL & LIGHTING CONTROLLER
 NO SCALE



SELECTOR SWITCH SHALL HAVE MARKED POSITIONS, "AUTO", "OFF", "ON" WITH METAL OR ENGRAVED PLASTIC NAME PLATE.
 PEDESTAL CONTROL WIRING SHALL BE #12 AWG, AND PEDESTAL LIGHTING CIRCUIT WIRING SHALL BE #8 AWG. ALL CONDUCTORS AND CABLES SHALL COMPLY WITH ILDOT SSRBC (1997) SECTIONS 1085.25&26 AS APPLICABLE.
 PHOTOCONTROL MAY BE EITHER RECEPTACLE MOUNTED OR BRACKET MOUNTED.
 MAIN CB SHALL BE RATED 600V WITH FRAME SIZE OF 225A. TWO POLE BRANCH BREAKERS SHALL BE RATED 600V, SINGLE POLE BRANCH BREAKERS RATED 277V. PANELBOARD SHALL ALLOW REPLACEMENT OF ANY BRANCH CIRCUIT BREAKER WITHOUT DISTURBING ADJACENT BREAKERS OR OTHER CIRCUITS.

SERVICE & CONTROLLER WIRING DIAGRAM
 NO SCALE

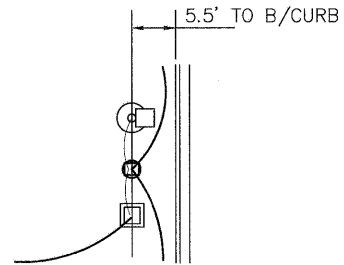
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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 LIGHTING PLAN
 SHEET 2 OF 3
 SCALE: VERT. DATE
 HORIZ. DATE
 DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	38

CONTRACT NO. 93542

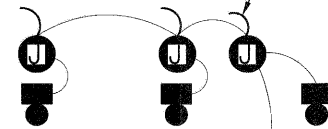


5.5-FT TYPICAL SETBACK DISTANCE FROM BACK OF CURB TO C.L. OF LIGHT POLES, GULF JUNCTION BOXES, AND LIGHTING CONTROL PEDESTALS

**TYPICAL SETBACK
5TH ST.**

NO SCALE

PROVIDE ONE SPARE 2" CONDUIT CONNECTION AT EACH GULFBOX JUNCTION; CAPPED AT 5FT FROM CONCRETE BASE 18" TO 24" BELOW GRADE



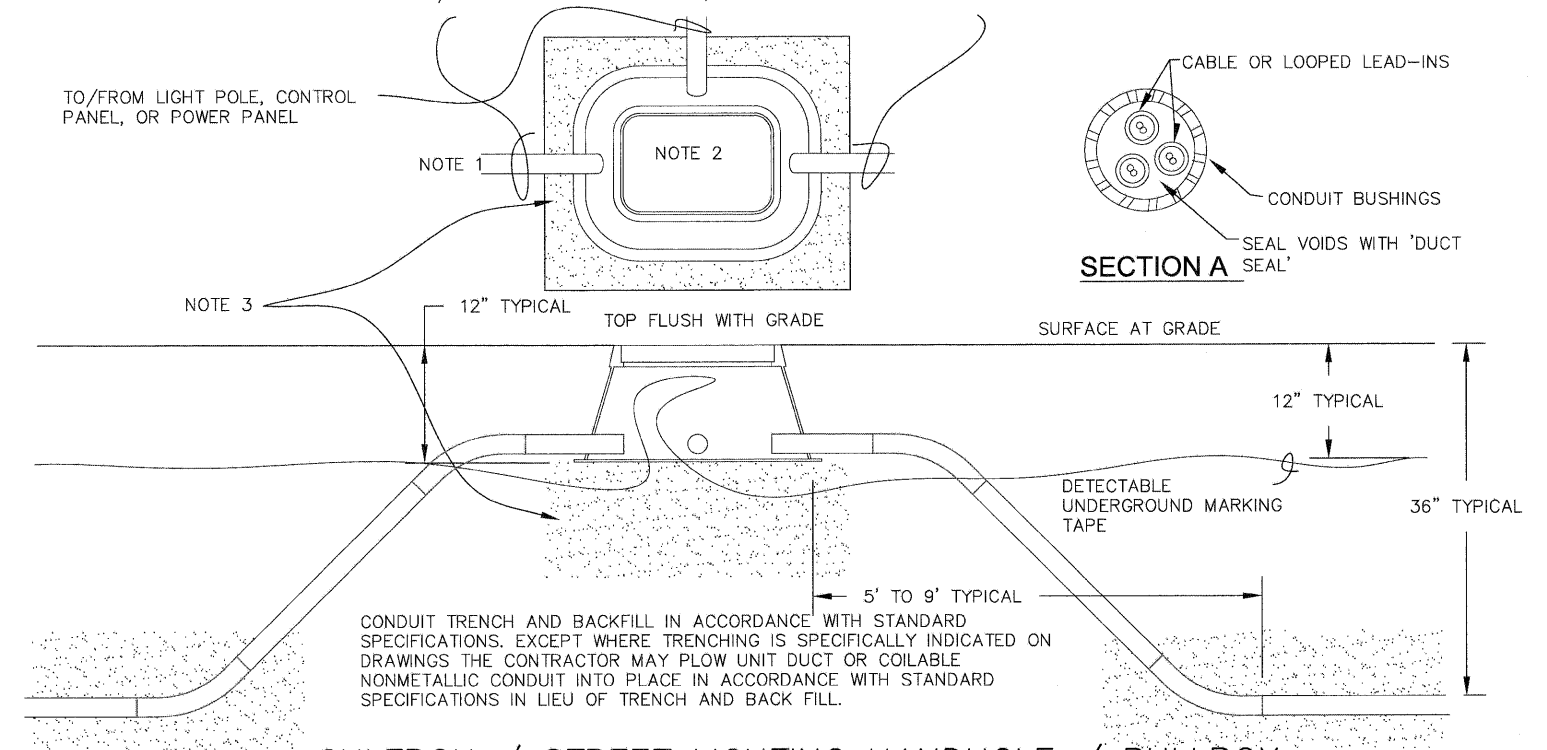
USE SERVICE AND CONTROL PEDESTAL FOR UNDERGROUND UTILITY POWER AND LIGHT CIRCUIT CONNECTIONS PROVIDE: 1/240VAC 15 AMP CIRCUIT

NEW UNDERGROUND UTILITY POWER CONNECTION AT STA. 49+60, 22' RT (5TH ST) 120/240VAC SINGLE PHASE

LIGHTING CIRCUIT LAYOUT

NOTES

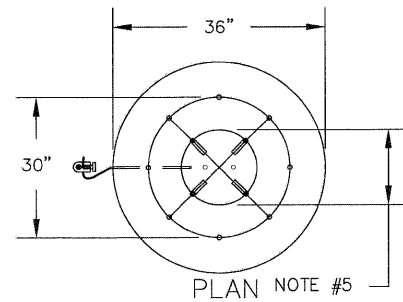
- 1 CONDUIT SHALL BE AS SHOWN ON PLAN DRAWINGS; MAKE AND SEAL PENETRATIONS IN ACCORDANCE WITH BOX MANUFACTURERS INSTRUCTIONS. (DETAIL DIMENSIONS BASED ON 2" PVC WITH PRECAST 45° ELBOWS).
- 2 FLUSH BOX SHALL BE POLYMER CONCRETE RING AND COVER WITH FLARED FIBERGLASS COMPOSITE SIDES; COVER EMBOSSED LETTERING IN ACCORDANCE WITH SPECIFICATIONS / DRAWINGS. DIMENSIONS AS SHOWN BASED ON CDR 10 X 15 SERIES. OTHER MANUFACTURER'S DIMENSIONS WILL VARY.
- 3 PULL BOXES SHALL REST FIRMLY ON A BED OF WASHED CRUSHED ROCK WITH A MINIMUM DEPTH OF TWELVE INCHES (12") BELOW THE BOTTOM, AND EXTENDING AT LEAST THREE INCHES (3") BEYOND THE OUTSIDE EDGES OF THE PULL BOX.
- 4 BURIED UTILITIES DETECTABLE MARKING TAPE SHALL BE CONTINUED UP INTO JUNCTION BOX WITH A MINIMUM OF EIGHTEEN INCHES (18") OF EXPOSED TAPE IN THE JUNCTION BOX. TO / FROM NEXT JUNCTION BOX, MAIN CONTROL OR POWER PANEL



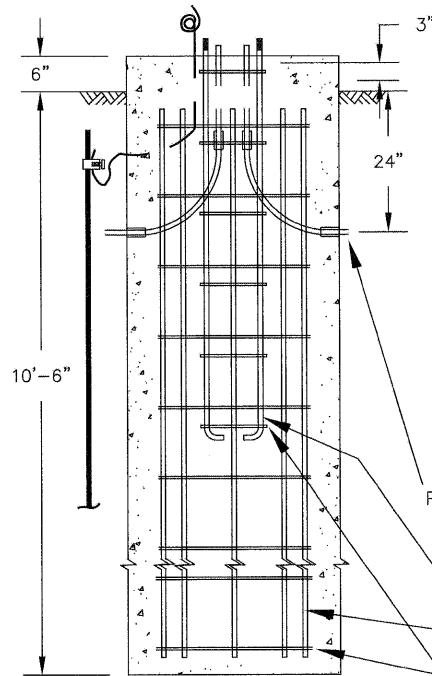
GULFBOX / STREET LIGHTING HANDHOLE / PULLBOX
NO SCALE

PEDESTAL NOTES

- 1 CONCRETE COMPRESSIVE STRENGTH = 3000 PSI
- 2 ANCHOR BOLTS SHALL BE ASTM A307, GALVANIZED AFTER FABRICATION
- 3 GROUND WIRE SHALL BE #6 AWG BARE STRANDED COPPER, INSTALL GROUND ROD PER SPECIFICATIONS AT EACH POLE.
- 4 BACKFILL HOLE WITH 5/8" MINUS COMPACTED CRUSHED LEDGE ROCK OR BUILDERS SAND
- 5 VERIFY BOLT DIAMETER TO MATCH POLE BASE PLATE PATTERN
- 6 HEIGHT AT TOP OF CONCRETE SHALL BE RAISED FROM 6" ABOVE GRADE TO 24" ABOVE GRADE IN PARKING AREAS OR IN VEHICLE TRAFFIC PATTERN WHERE NOT PROTECTED BY MINIMUM 4" CURB
- 7 IL DOT #838001-01 TYPE E FOUNDATION WITH GROUND ROD EXTERNAL TO POURED BASE IS EQUIVALENT



PLAN NOTE #5



ELEVATION

LIGHT POLE FOUNDATION (SPECIAL)

NO SCALE

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE

LIGHTING PLAN
SHEET 3 OF 3

SCALE: VERT.
DATE: HORIZ.

DRAWN BY: DBS
CHECKED BY: AMW

Bench Mark: (USGS Y-15) Sta. 45+17.00, 49.03 Lt., Elev. 558.89

Existing Structure: Single span, 65'± bk. to bk. abutments, 22'± o. to o. cast in place concrete deck on (2) concrete stringers on closed masonry abutments with spread footings. The contractor shall remove the existing structure as required and replace it with a single span steel plate girder superstructure on integral abutments. The road shall remain closed during the construction.

Salvage existing two metal nameplates from SN 001-6002 for City of Quincy.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	39

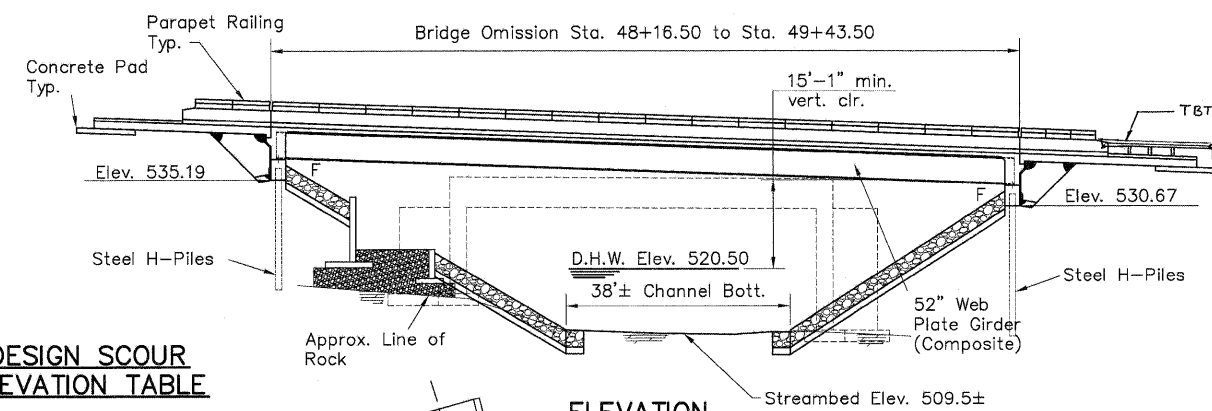
GENERAL PLAN AND ELEVATION

CONTRACT NO. 93542

SHEET 1 OF 18

INDEX OF SHEETS

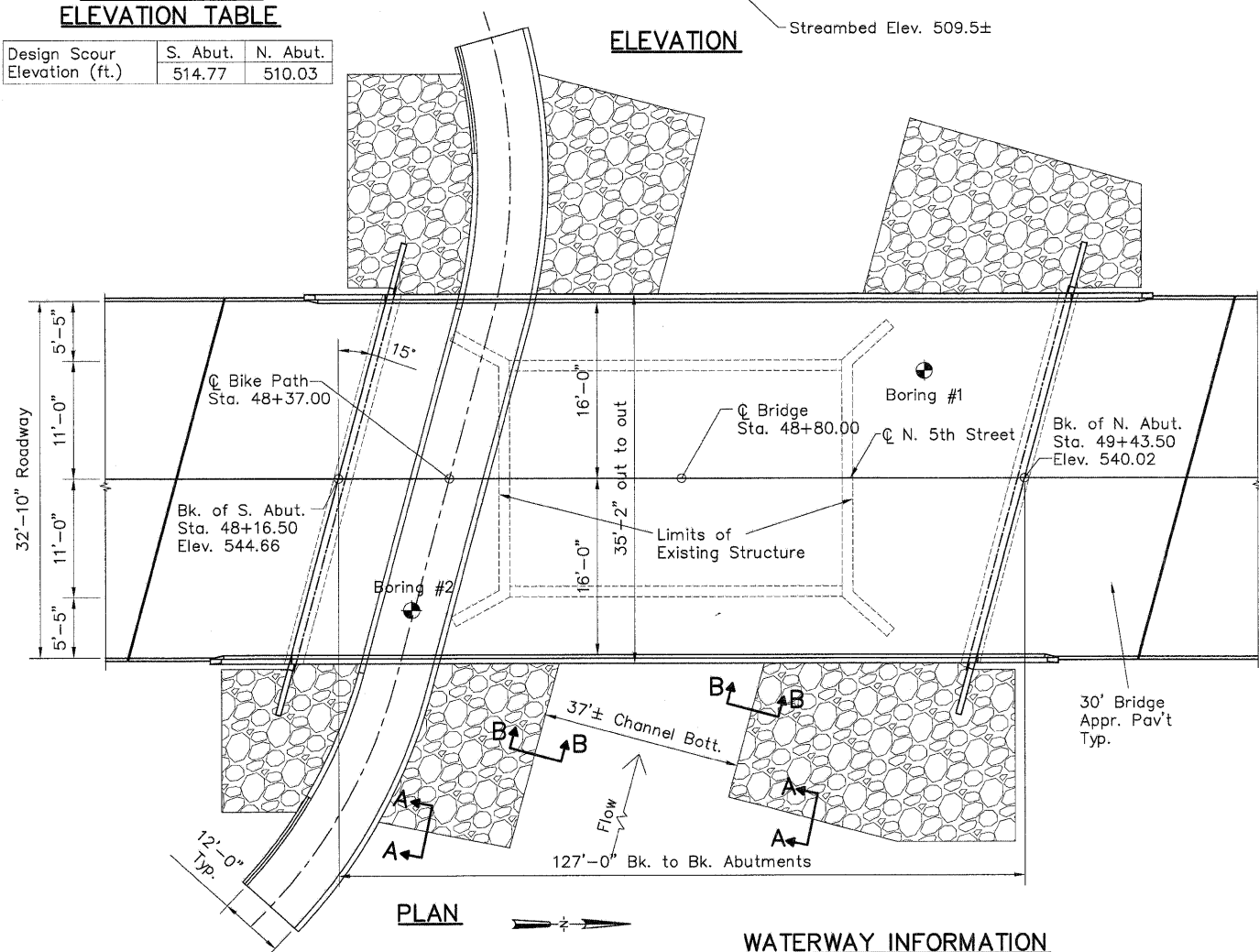
- 1 GENERAL PLAN AND ELEVATION
- 2 GENERAL NOTES / BILL OF MATERIALS
- 3-4 TOP OF SLAB ELEVATIONS
- 5-6 TOP OF APPROACH SLAB ELEVATIONS
- 7 SUPERSTRUCTURE
- 8 SUPERSTRUCTURE DETAILS
- 9-10 BRIDGE APPROACH SLAB DETAILS
- 11 DIAPHRAGM DETAILS
- 12 BICYCLE RAILING
- 13 STRUCTURAL STEEL
- 14-15 ABUTMENTS
- 16 PILE DETAILS
- 17 BAR SPLICER ASSEMBLY DETAILS
- 18 SOIL BORING LOGS



DESIGN SCOUR
ELEVATION TABLE

Design Scour Elevation (ft.)	S. Abut.	N. Abut.
	514.77	510.03

ELEVATION



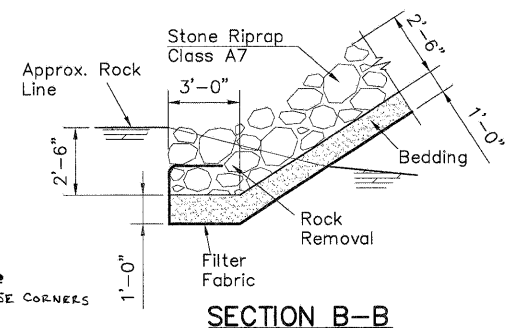
PLAN

WATERWAY INFORMATION

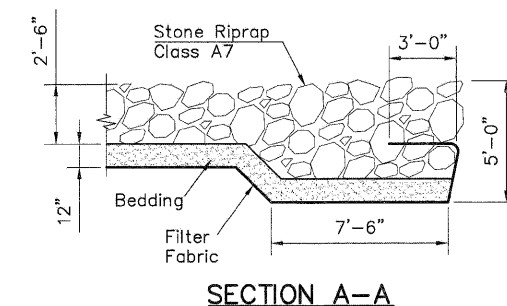
Drainage Area = 7.25 SQ. MI.		Exist. Low Grade Elev. = 535.37 ft. @ Sta. 49+75				
		Proposed Low Grade Elev. = 538.74 ft. @ Sta. 50+51				
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater Elev.
Design	10	4,651	528	560	519.2	519.3
Base	30	6,158	646	698	520.5	521.2
Overtopping	100	7,224	731	813	521.5	522.5
Max. Calc.	500	10,711	998	1,181	524.1	526.6

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

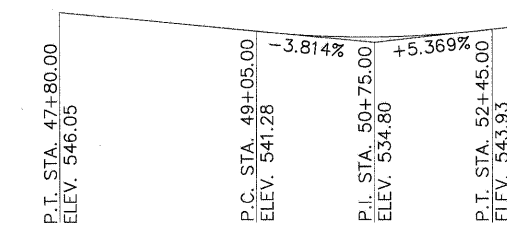
20
EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES



SECTION B-B



SECTION A-A



PROFILE GRADE
(ALONG Q ROADWAY)

DESIGN SPECIFICATIONS

2007 AASHTO LRFD Bridge Design Specifications with 2009 Interims

LOADING HL 93

Allow 50 #/sq. ft. for future wearing surface

DESIGN STRESSES

FIELD UNITS

f_c = 3,500 psi
 f_y = 60,000 psi (reinforcement)
 f_y = 50,000 psi (AASHTO M270 Grade 50)

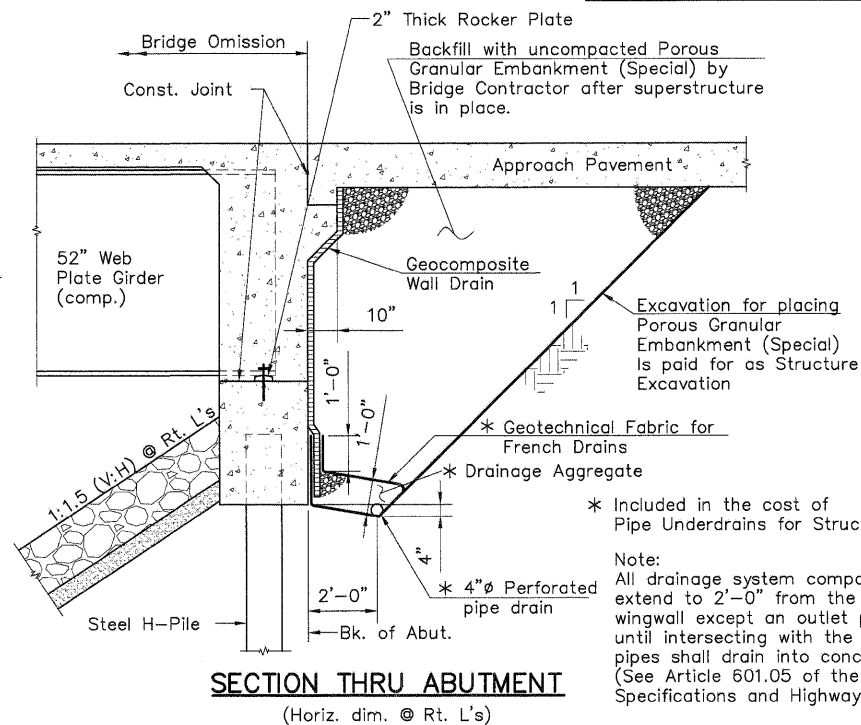
SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Accelerations at 1.0 sec. (SD1) = 0.048g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.150g
Soil Site Class = B

STATION 48+80.00
BUILT 201_ BY
CITY OF QUINCY
SEC. 03-00289-00-BR
NORTH 5TH STREET
LOADING HL-93
STR. NO. 001-6012

LETTERING FOR NAMEPLATE

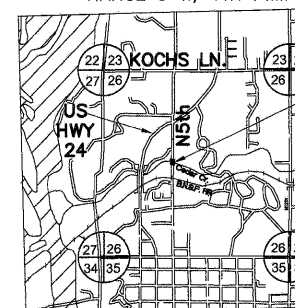
SEE STD. 515001



SECTION THRU ABUTMENT

(Horiz. dim. @ Rt. L's)

RANGE 9 W, 4TH P.M.



LOCATION SKETCH

GENERAL PLAN & ELEVATION
NORTH 5TH STREET OVER
CEDAR CREEK
CITY OF QUINCY
STATION 48+80.00
STRUCTURE NO. 001-6012

PSBA
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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
GENERAL PLAN AND
ELEVATION
SCALE: VERT. DRAWN BY: DSP
 HORIZ. CHECKED BY: CSE
DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	40

GENERAL NOTES AND BILL OF MATERIALS

CONTRACT NO. 93542

SHEET 2 OF 18

GENERAL NOTES

Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts 3/4"φ, holes 13/16"φ, unless otherwise noted.

Calculated weight of Structural Steel = 151,500 pounds.

All structural steel shall be AASHTO M270, Grade 50.

No field welding is permitted except as specified in the contract documents.

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

If contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to the construction of the abutments.

One test pile to be driven to 110% of nominal required bearing in production location at each abutment prior to ordering remainder of piles.

Construction Permits: This project has been approved for construction under Statewide Permit No. 12, as issued by the Department of Natural Resources/Office of Water Resources.

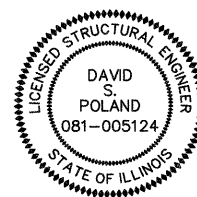
TOTAL BILL OF MATERIALS

ITEM	UNIT	SUPER	SUB	APPR.	TOTAL
* POROUS GRANULAR EMBANKMENT, SPECIAL	CU. YD.		198		198
STONE RIPRAP, CLASS A7	SQ. YD.		1,827		1,827
FILTER FABRIC	SQ. YD.		2,318		2,318
* REMOVAL OF EXISTING STRUCTURES	EACH				1
STRUCTURE EXCAVATION	CU. YD.		91		91
CONCRETE STRUCTURES	CU. YD.		35.8	21.6	57.4
CONCRETE SUPERSTRUCTURE	CU. YD.	170.2		113.6	283.8
BRIDGE DECK GROOVING	SQ. YD.	424			424
CONCRETE ENCASEMENT	CU. YD.		4.2		4.2
PROTECTIVE COAT	SQ. YD.	554			554
FURNISHING AND ERECTING STRUCTURAL STEEL	L. SUM				1
STUD SHEAR CONNECTORS	EACH	1990			1990
REINFORCEMENT BARS, EPOXY COATED	POUND	36,800	4,840	27,380	69,020
BAR SPLICERS	EACH	66			66
FURNISHING STEEL PILES HP12x53	FOOT		300		300
DRIVING PILES	FOOT		300		300
TEST PILE, HP12x53	EACH		2		2
PILE SHOES	EACH		12		12
NAME PLATES	EACH	1			1
PARAPET RAILING	FOOT	296			296
GEOCOMPOSITE WALL DRAIN	SQ. YD.		96		96
* PIPE UNDERDRAINS FOR STRUCTURES, 4"	FOOT		110		110

* Items requiring Special Provisions

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED	20	ENGINEER OF BRIDGE DESIGN
PASSED		ENGINEER OF BRIDGES AND STRUCTURES



I certify that to the best of knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current AASHTO Standard Specifications for Highway Bridges.

DSP
David S. Poland
Licensed Structural Engineer
State of Illinois No. 81-005124
Expires 11/30/2012
Date 12-8-10

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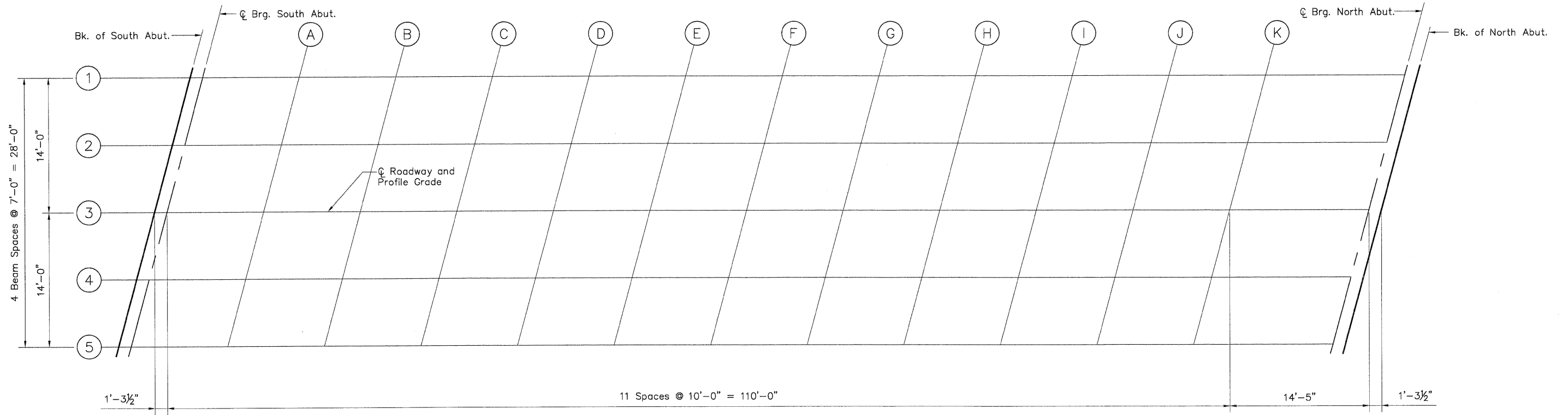
REVISIONS	
NAME	DATE

**GENERAL NOTES &
BILL OF MATERIAL
STRUCTURE NO. 001-6012**

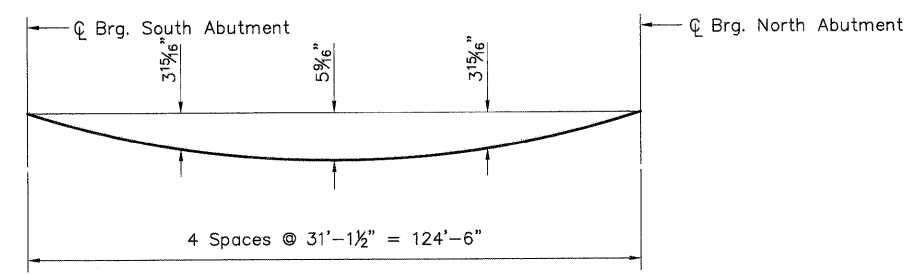
CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
GENERAL NOTES AND
BILL OF MATERIAL
SCALE: VERT. DATE
DRAWN BY: DSP
CHECKED BY: CSB

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	41

TOP OF SLAB ELEVATIONS
CONTRACT NO. 93542
SHEET 3 OF 18

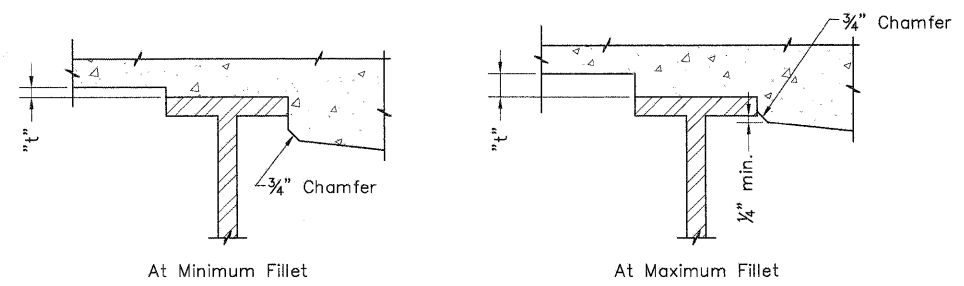


PLAN



DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only)

Note: The above deflections are not to be used in the field if the Engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 4 of 18.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the girders shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 4 of 18, minus slab thickness, equals the fillet heights "t" above top of girder flange.

FILLET HEIGHTS

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 001-6012**

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

20	EXAMINED
	PASSED

ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

PSBA
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ARCHITECTS ENGINEERS PLANNERS SURVEYORS
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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
TOP OF SLAB ELEVATIONS
SCALE: VERT. _____
DATE _____ HORIZ. _____
DRAWN BY: DSP
CHECKED BY: CSE

WORK THIS SHEET WITH SHEET 4 OF 18

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	42

TOP OF SLAB ELEVATIONS

CONTRACT NO. 93542

SHEET 4 OF 18

GIRDER 1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abutment	48+20.25	-14.00	544.22	544.22
C.L. Brg. S. Abut.	48+21.54	-14.00	544.18	544.18
A	48+31.54	-14.00	543.79	543.90
B	48+41.54	-14.00	543.41	543.61
C	48+51.54	-14.00	543.03	543.30
D	48+61.54	-14.00	542.65	542.98
E	48+71.54	-14.00	542.27	542.64
F	48+81.54	-14.00	541.89	542.27
G	48+91.54	-14.00	541.51	541.89
H	49+01.54	-14.00	541.12	541.47
I	49+11.54	-14.00	540.75	541.05
J	49+21.54	-14.00	540.40	540.63
K	49+31.54	-14.00	540.08	540.23
C.L. Brg. N. Abut.	49+45.96	-14.00	539.66	539.66
Bk. N. Abutment	49+47.25	-14.00	539.62	539.62

GIRDER 2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abutment	48+18.38	-7.00	544.44	544.44
C.L. Brg. S. Abut.	48+19.67	-7.00	544.39	544.39
A	48+29.67	-7.00	544.01	544.12
B	48+39.67	-7.00	543.62	543.82
C	48+49.67	-7.00	543.24	543.51
D	48+59.67	-7.00	542.86	543.19
E	48+69.67	-7.00	542.48	542.85
F	48+79.67	-7.00	542.10	542.48
G	48+89.67	-7.00	541.72	542.10
H	48+99.67	-7.00	541.34	541.69
I	49+09.67	-7.00	540.96	541.26
J	49+19.67	-7.00	540.60	540.83
K	49+29.67	-7.00	540.27	540.42
C.L. Brg. N. Abut.	49+44.09	-7.00	539.85	539.85
Bk. N. Abutment	49+45.38	-7.00	539.81	539.81

GIRDER 3, PROFILE GRADE
& C ROADWAY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abutment	48+16.50	0.00	544.66	544.66
C.L. Brg. S. Abut.	48+17.79	0.00	544.61	544.61
A	48+27.79	0.00	544.23	544.34
B	48+37.79	0.00	543.85	544.05
C	48+47.79	0.00	543.47	543.74
D	48+57.79	0.00	543.08	543.41
E	48+67.79	0.00	542.70	543.07
F	48+77.79	0.00	542.32	542.70
G	48+87.79	0.00	541.94	542.32
H	48+97.79	0.00	541.56	541.91
I	49+07.79	0.00	541.18	541.48
J	49+17.79	0.00	540.82	541.05
K	49+27.79	0.00	540.48	540.63
C.L. Brg. N. Abut.	49+42.21	0.00	540.05	540.05
Bk. N. Abutment	49+43.50	0.00	540.02	540.02

GIRDER 4

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abutment	48+14.62	7.00	544.58	544.58
C.L. Brg. S. Abut.	48+15.91	7.00	544.53	544.53
A	48+25.91	7.00	544.15	544.26
B	48+35.91	7.00	543.77	543.97
C	48+45.91	7.00	543.39	543.66
D	48+55.91	7.00	543.01	543.34
E	48+65.91	7.00	542.62	542.99
F	48+75.91	7.00	542.24	542.62
G	48+85.91	7.00	541.86	542.24
H	48+95.91	7.00	541.48	541.83
I	49+05.91	7.00	541.10	541.40
J	49+15.91	7.00	540.73	540.96
K	49+25.91	7.00	540.39	540.54
C.L. Brg. N. Abut.	49+40.33	7.00	539.95	539.95
Bk. N. Abutment	49+41.62	7.00	539.92	539.92

GIRDER 5

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. S. Abutment	48+12.75	14.00	544.51	544.51
C.L. Brg. S. Abut.	48+14.04	14.00	544.46	544.46
A	48+24.04	14.00	544.08	544.19
B	48+34.04	14.00	543.70	543.90
C	48+44.04	14.00	543.32	543.59
D	48+54.04	14.00	542.94	543.27
E	48+64.04	14.00	542.56	542.93
F	48+74.04	14.00	542.17	542.55
G	48+84.04	14.00	541.79	542.17
H	48+94.04	14.00	541.41	541.76
I	49+04.04	14.00	541.03	541.33
J	49+14.04	14.00	540.66	540.89
K	49+24.04	14.00	540.32	540.47
C.L. Brg. N. Abut.	49+38.46	14.00	539.87	539.87
Bk. N. Abutment	49+39.75	14.00	539.83	539.83

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 001-6012

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

20
EXAMINED _____
ENGINEER OF BRIDGE DESIGN
PASSED _____
ENGINEER OF BRIDGES AND STRUCTURES

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
TOP OF SLAB ELEVATIONS

SCALE: VERT. _____
DATE: _____
DRAWN BY: DSP
CHECKED BY: CSE

WORK THIS SHEET WITH SHEET 3 OF 18

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	43

TOP OF SOUTH APPROACH SLAB ELEVATIONS
CONTRACT NO. 93542

WEST CURB LINE

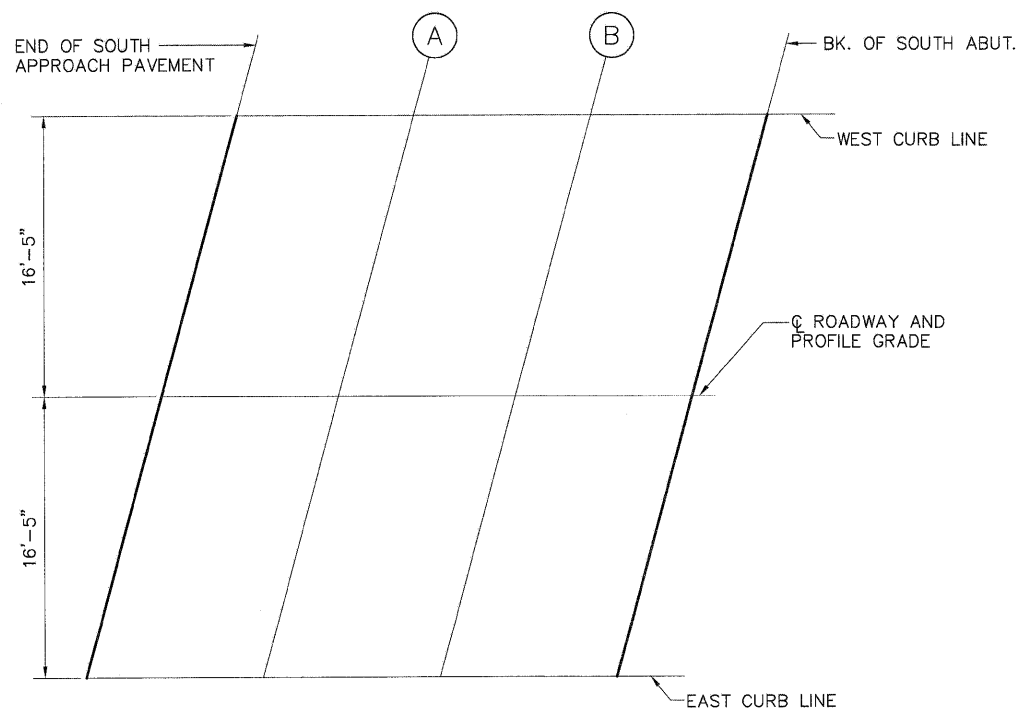
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS
End S. Appr. Pav't	47+90.90	-16.42	545.29
A	48+00.90	-16.42	544.91
B	48+10.90	-16.42	544.53
Bk. S. Abut	48+20.90	-16.42	544.15

PROFILE GRADE & C ROADWAY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS
End S. Appr. Pav't	47+86.50	0.00	545.80
A	47+96.50	0.00	545.42
B	48+06.50	0.00	545.04
Bk. S. Abut	48+16.50	0.00	544.66

EAST CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS
End S. Appr. Pav't	47+82.10	16.42	545.63
A	47+92.10	16.42	545.25
B	48+02.10	16.42	544.87
Bk. S. Abut	48+12.10	16.42	544.49

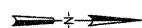


TOP OF SOUTH APPROACH
SLAB ELEVATIONS
STRUCTURE NO. 001-6012

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

20
EXAMINED _____
ENGINEER OF BRIDGE DESIGN
PASSED _____
ENGINEER OF BRIDGES AND STRUCTURES

PLAN



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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
TOP OF SOUTH APPROACH
SLAB ELEVATIONS

SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY: DSP
CHECKED BY: CSE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	44

TOP OF NORTH APPROACH SLAB ELEVATIONS
CONTRACT NO. 93542

WEST CURB LINE

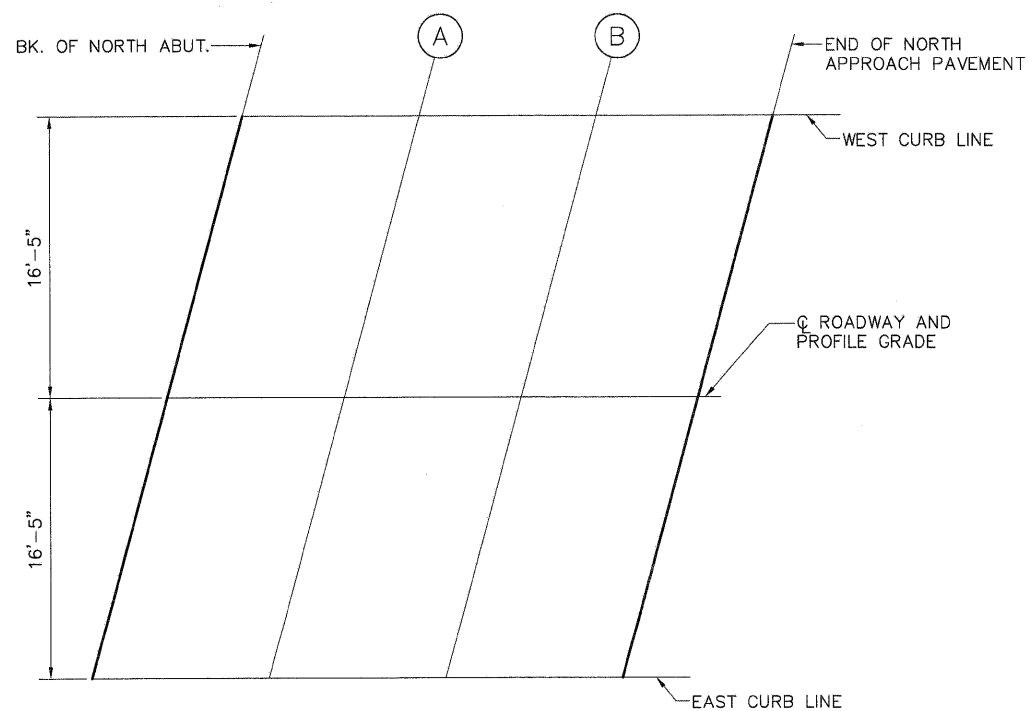
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS
Bk. N. Abut	49+47.90	-16.42	539.56
A	49+57.90	-16.42	539.30
B	49+67.90	-16.42	539.08
End N. Appr. Pav't	49+77.90	-16.42	538.88

PROFILE GRADE & C ROADWAY

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS
Bk. N. Abut	49+43.50	0.00	540.02
A	49+53.50	0.00	539.75
B	49+63.50	0.00	539.51
End N. Appr. Pav't	49+73.50	0.00	539.30

EAST CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS
Bk. N. Abut	49+39.10	16.42	539.80
A	49+49.10	16.42	539.52
B	49+59.10	16.42	539.27
End N. Appr. Pav't	49+69.10	16.42	539.05

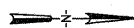


TOP OF NORTH APPROACH
SLAB ELEVATIONS
STRUCTURE NO. 001-6012

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

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EXAMINED _____
ENGINEER OF BRIDGE DESIGN
PASSED _____
ENGINEER OF BRIDGES AND STRUCTURES

PLAN



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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
TOP OF NORTH APPROACH
SLAB ELEVATIONS

SCALE: VERT. _____
HORIZ. _____
DATE _____
DRAWN BY: DSP
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

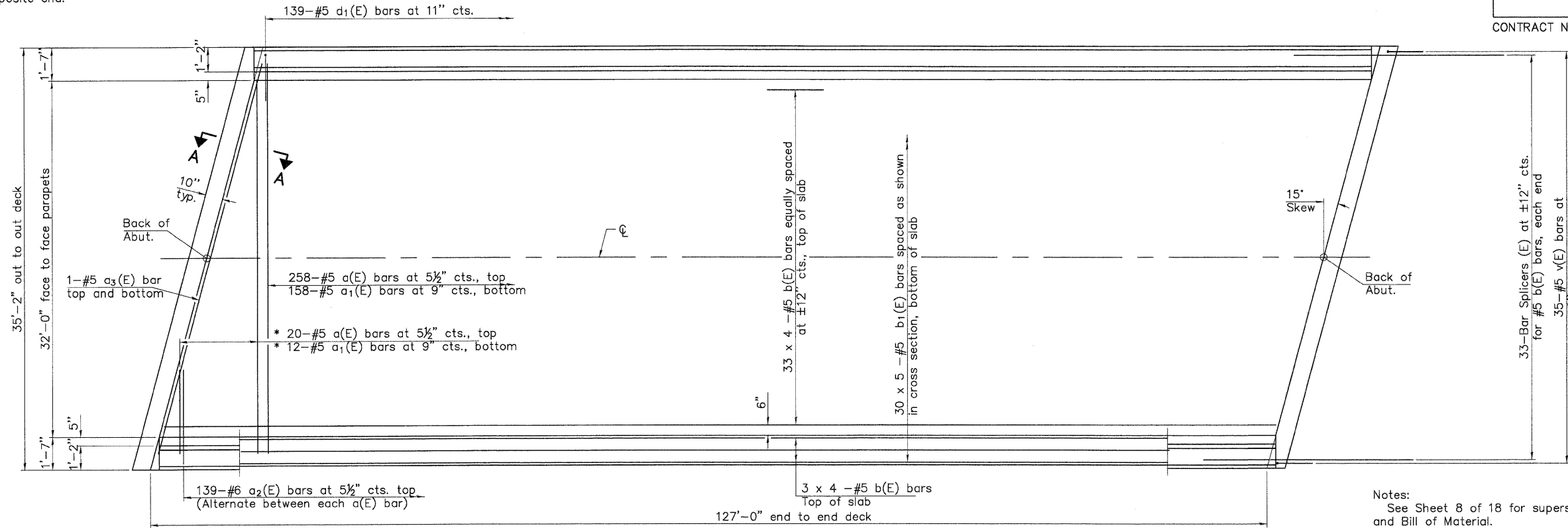
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	45

SUPERSTRUCTURE

CONTRACT NO. 93542

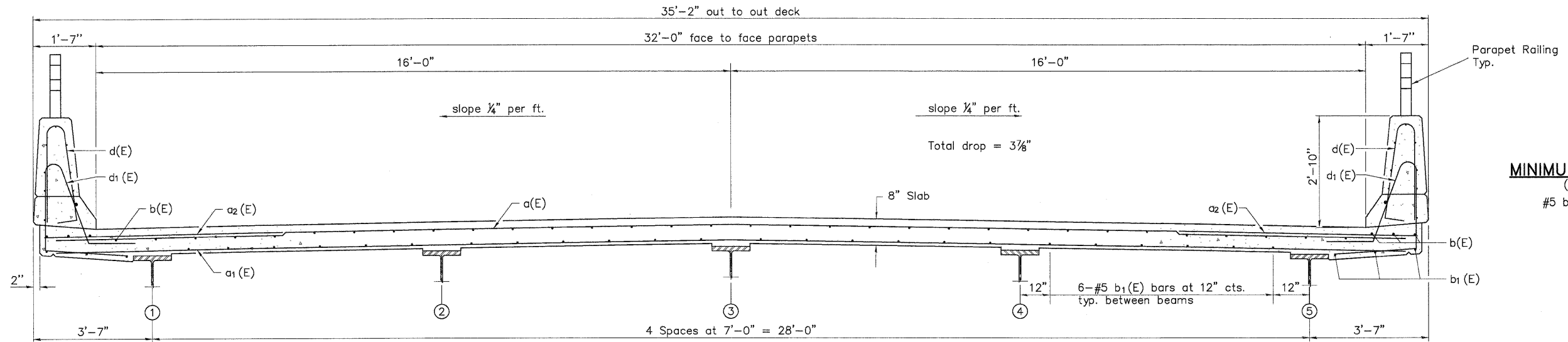
SHEET 7 OF 18

* Order a(E) and a₁(E) bars full length.
Cut to fit skew and use remainder
of bars in opposite end.



PLAN

Notes:
See Sheet 8 of 18 for superstructure details
and Bill of Material.
Bars indicated thus 20 x 3-#5 etc. indicates
20 lines of bars with 3 lengths per line.
See Sheet 8 of 18 for parapet reinforcement.



CROSS SECTION
(Looking North)

SUPERSTRUCTURE
STRUCTURE NO. 001-6012

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

20	EXAMINED
	PASSED
	ENGINEER OF BRIDGE DESIGN
	ENGINEER OF BRIDGES AND STRUCTURES

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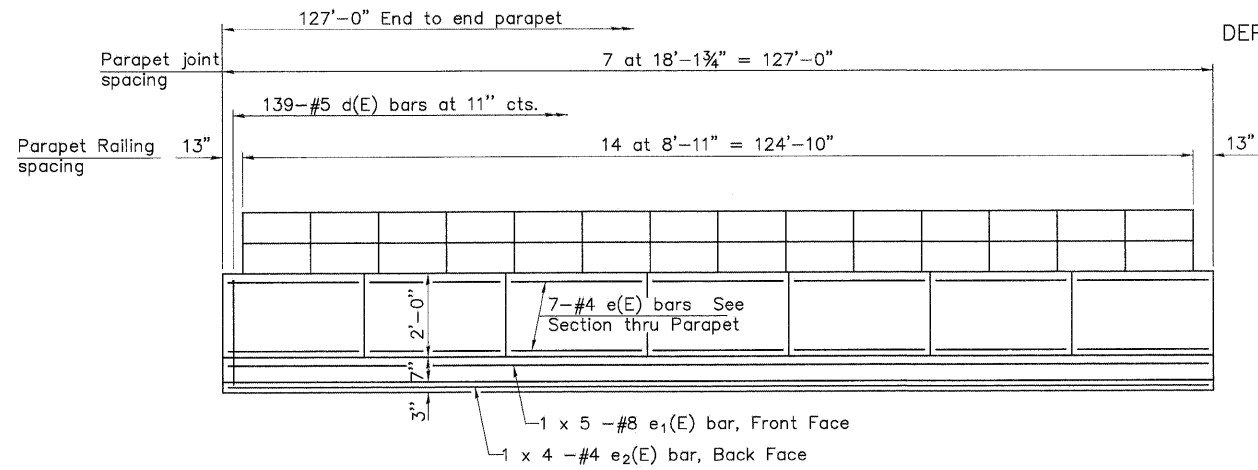
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SUPERSTRUCTURE
SCALE: VERT. _____
DATE _____ HORIZ. _____
DRAWN BY: DSP
CHECKED BY: CSE

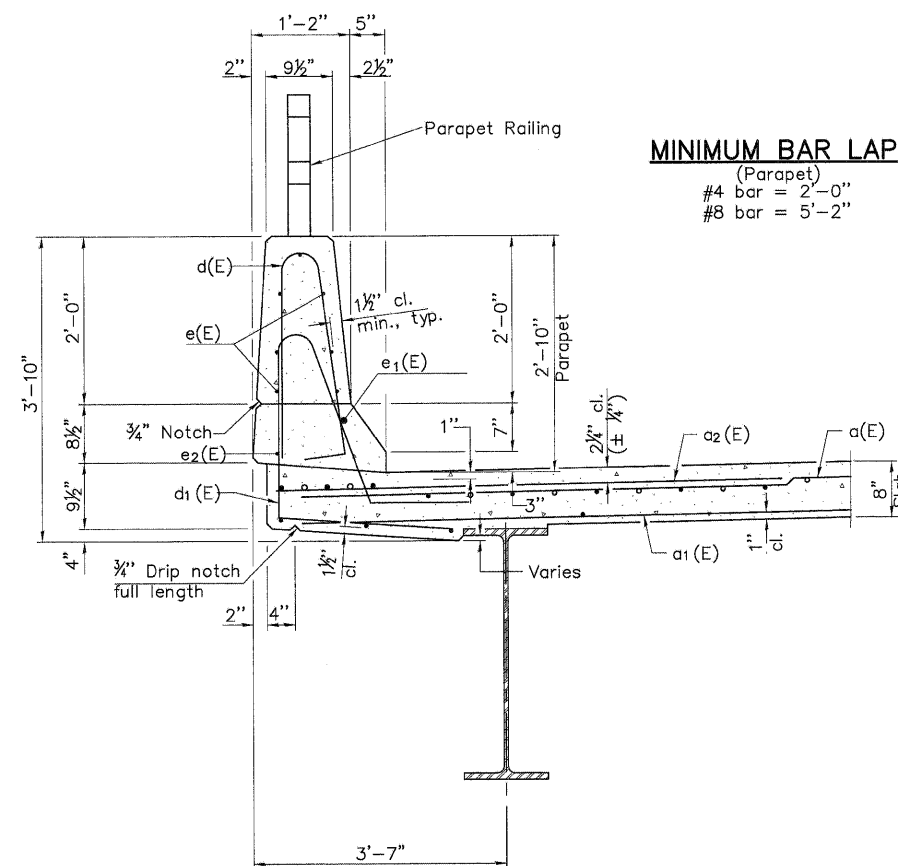
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	46
SUPERSTRUCTURE DETAILS				

CONTRACT NO. 93542

SHEET 8 OF 18

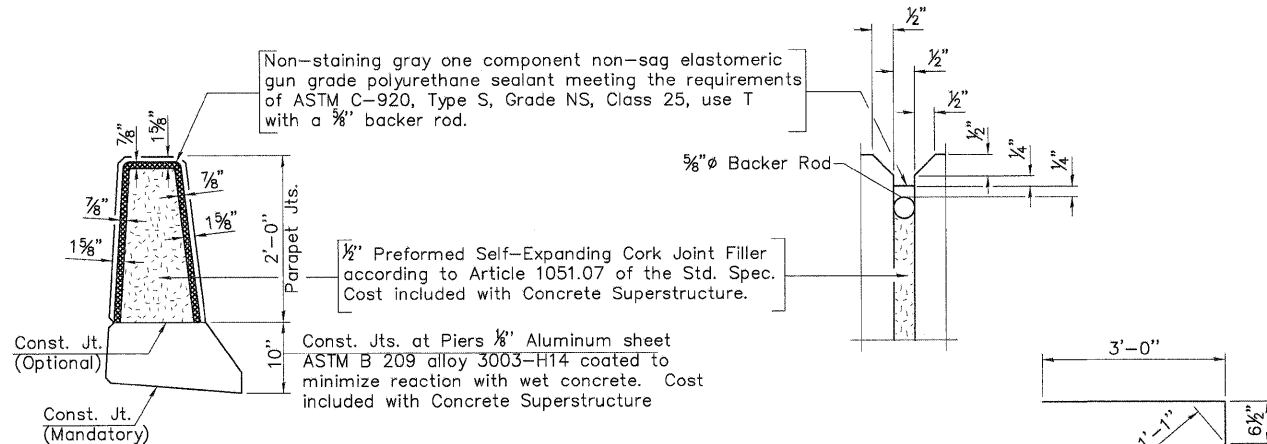


INSIDE ELEVATION OF PARAPET

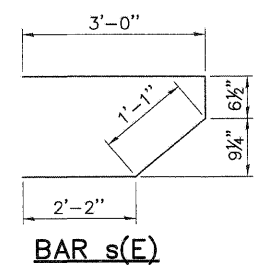


SECTION THRU PARAPET

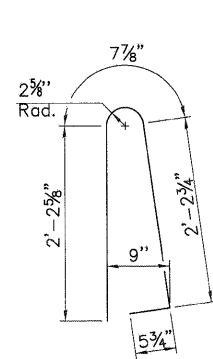
MINIMUM BAR LAP
(Parapet)
#4 bar = 2'-0"
#8 bar = 5'-2"



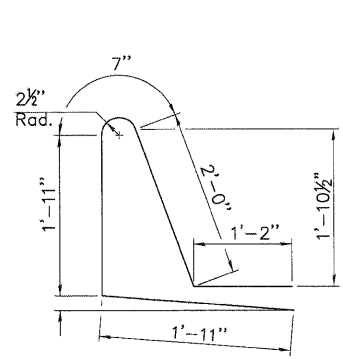
PARAPET JOINT DETAILS



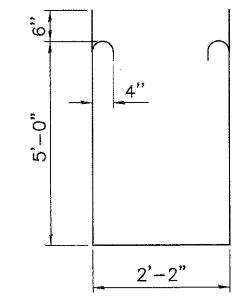
BAR s(E)



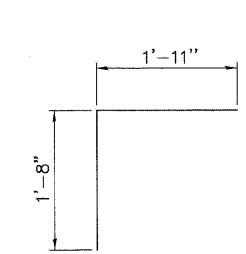
BAR d(E)



BAR d1(E)



BAR s1(E)



BAR v(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	278	#5	34'-7"	—
a1(E)	170	#5	33'-10"	—
a2(E)	278	#6	6'-6"	—
a3(E)	4	#5	36'-1"	—
b(E)	156	#5	33'-7"	—
b1(E)	150	#5	27'-5"	—
d(E)	278	#5	5'-7"	U
d1(E)	278	#5	7'-7"	U
e(E)	98	#4	17'-9"	—
e1(E)	10	#8	29'-6"	—
e2(E)	8	#4	33'-3"	—
m(E)	10	#6	36'-2"	—
m1(E)	20	#6	9'-10"	—
m2(E)	8	#6	6'-8"	—
m3(E)	4	#6	2'-10"	—
s(E)	68	#5	6'-10"	U
s1(E)	60	#4	13'-2"	U
v(E)	70	#5	3'-7"	U
Reinforcement Bars, Epoxy Coated			Pound	36,800
Concrete Superstructure			Cu. Yds.	170.2
Protective Coat			Sq. Yds.	554
Bridge Deck Grooving			Sq. Yds.	424

Bars indicated thus 1 x 4 -#5 etc. indicates 1 line of bars with 4 lengths per line.

**SUPERSTRUCTURE DETAILS
STRUCTURE NO. 001-6012**

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED	20
PASSED	

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NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SUPERSTRUCTURE DETAILS

SCALE: VERT. DRAWN BY: DSP
 HORIZ. CHECKED BY: CSE
DATE

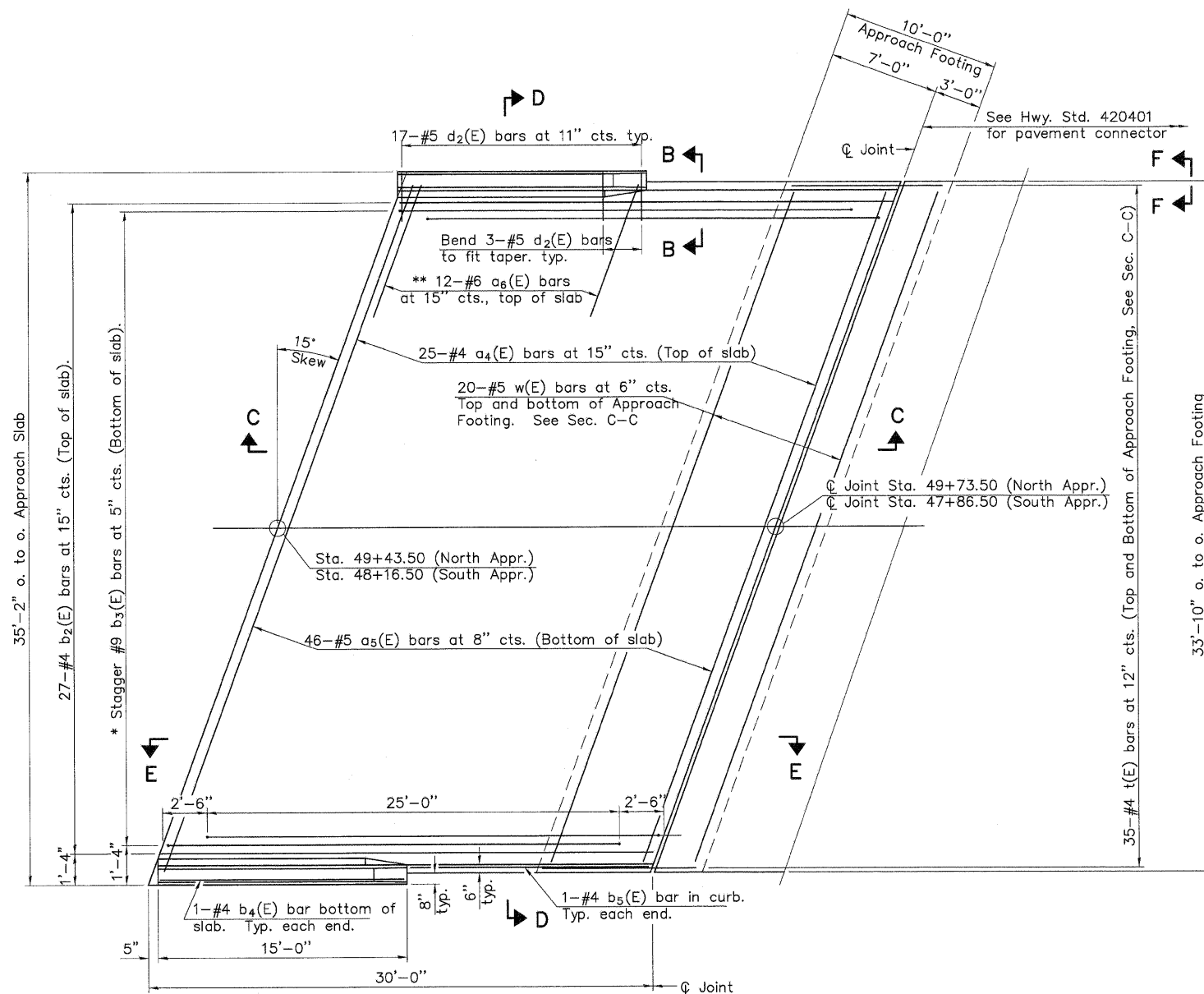
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	47

BRIDGE APPROACH SLAB DETAILS

CONTRACT NO. 93542

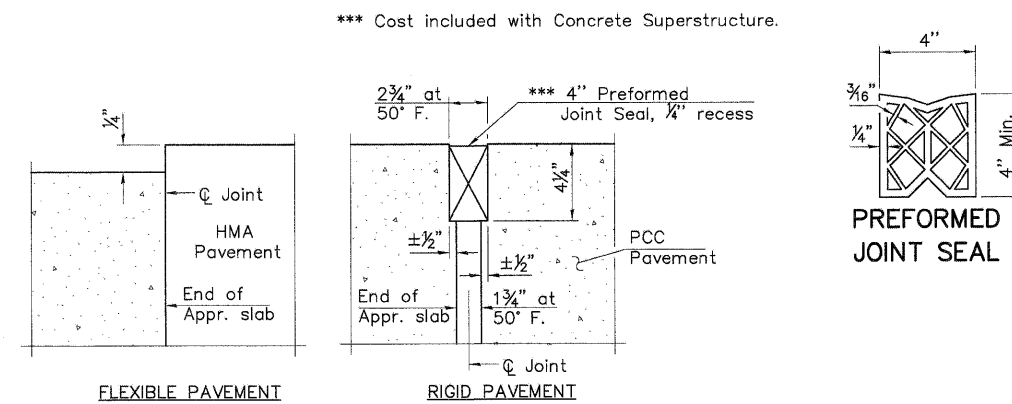
SHEET 9 OF 18

Notes:
See sheet 10 of 18 for Sections C-C & D-D and View E-E.
a₄(E) and a₅(E) bar spacings measured along ϕ Rdwy.

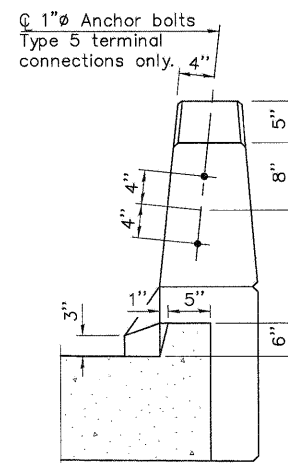


PLAN

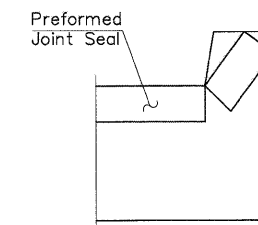
* Tilt #9 b₃(E) bars as required to maintain clearance.
** Space between a₄(E) bars, typ. each parapet.



DETAIL A



VIEW B-B



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

*** Cost included with Concrete Superstructure.

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED	20	ENGINEER OF BRIDGE DESIGN
PASSED		ENGINEER OF BRIDGES AND STRUCTURES

BA-L

11-1-09

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REVISIONS	
NAME	DATE

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 001-6012

(Sheet 1 of 2)

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
BRIDGE APPROACH SLAB DETAILS

SCALE: VERT.
HORIZ.
DATE

DRAWN BY: DSP
CHECKED BY: CSE

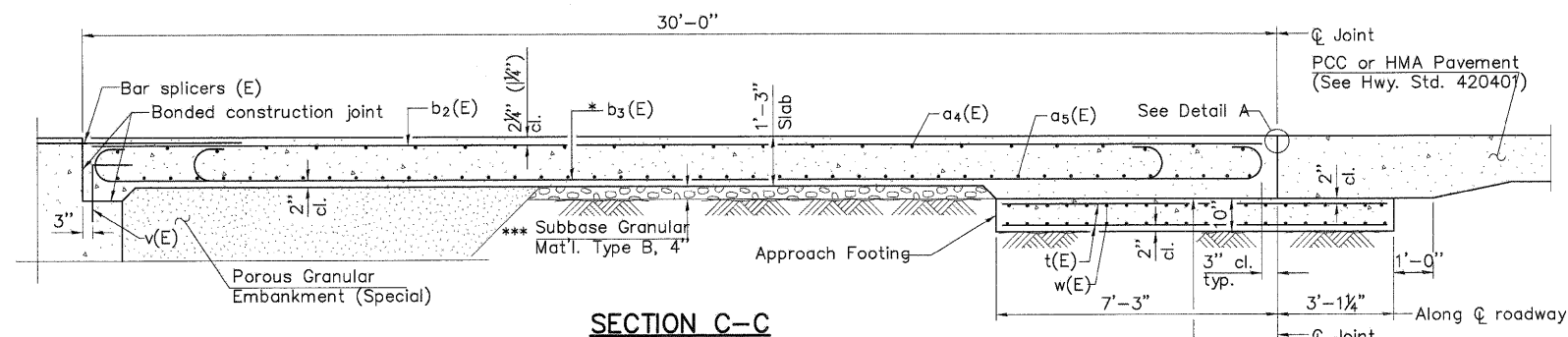
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	48
BRIDGE APPROACH SLAB DETAILS				

CONTRACT NO. 93542

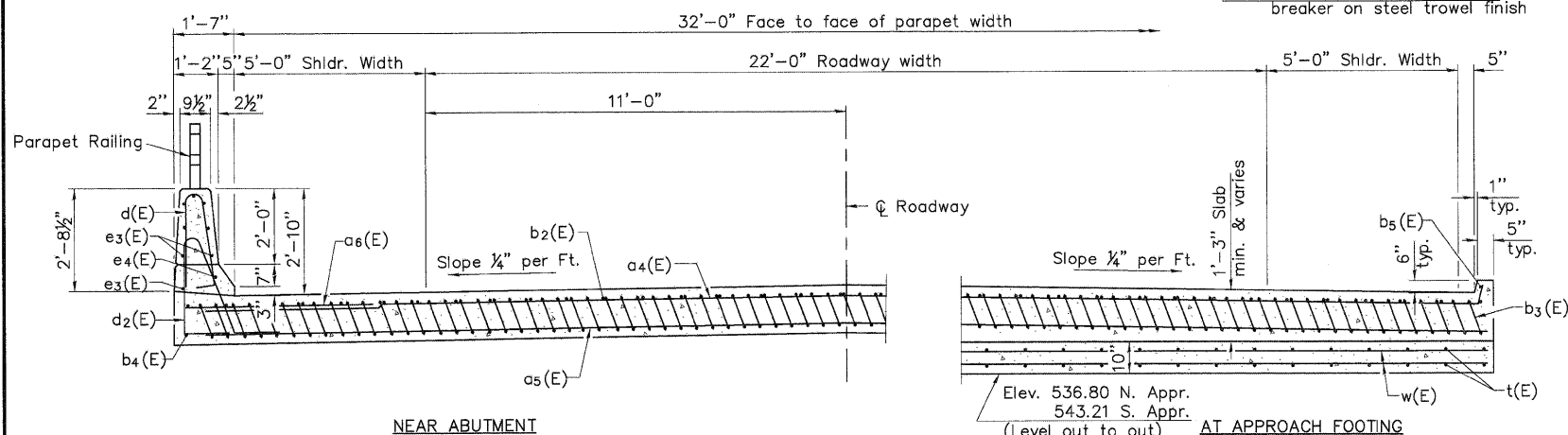
SHEET 10 OF 18

Notes:

- See sheet 9 of 18 for Detail A and View B-B.
- Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
- Approach footing concrete shall be paid for as Concrete Structures.
- Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
- For v(E) bar details, see sheet 8 of 18.
- The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
- For bar splicer details, see sheet 17 of 18.
- Cost of excavation for approach footing included with Concrete Structures.
- For Porous Granular Embankment (Special) and drainage treatment details, see sheet 1 of 18.
- For additional parapet details, see sheet 8 of 18.

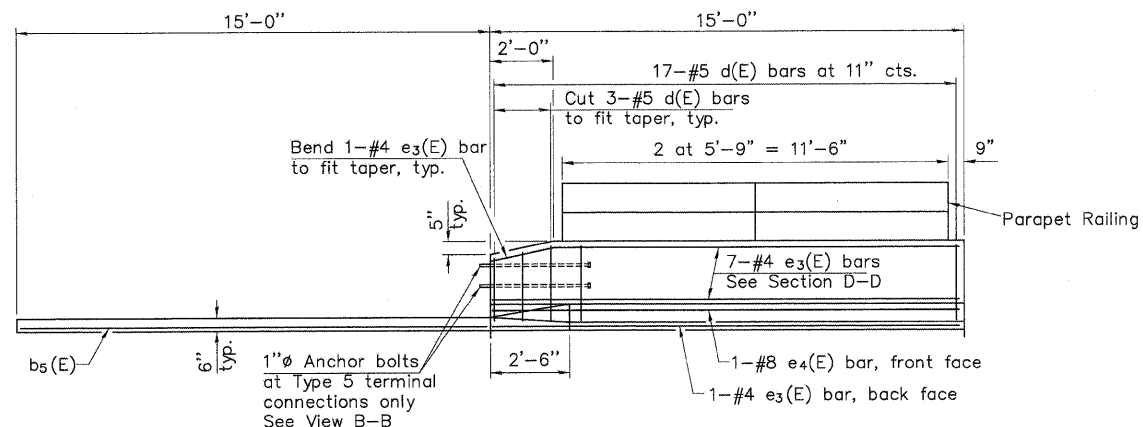


SECTION C-C



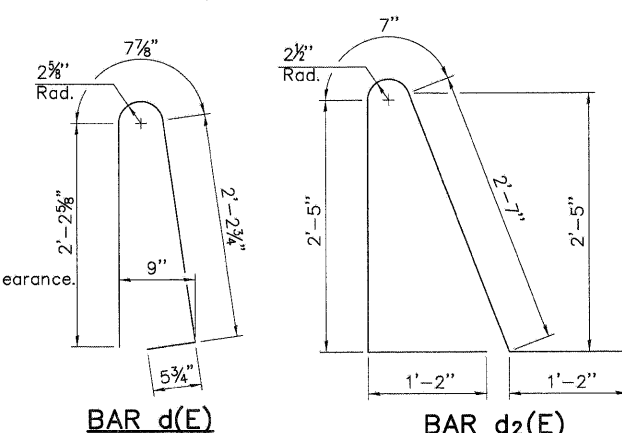
SECTION D-D

(See Plan for dimensions not shown)



VIEW E-E

* Tilt #9 b3(E) bars as required to maintain clearance.
*** Cost included with Concrete Superstructure.

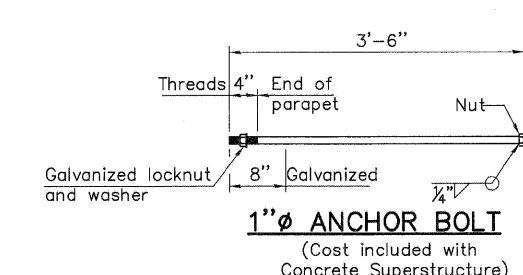


BAR d(E)

BAR d2(E)

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a4(E)	50	#4	35'-8"	—
a5(E)	92	#5	34'-8"	—
a6(E)	48	#6	6'-6"	—
b2(E)	54	#4	29'-8"	—
b3(E)	158	#9	29'-9"	—
b4(E)	4	#4	14'-8"	—
b5(E)	4	#4	14'-3"	—
d(E)	68	#5	5'-7"	—
d2(E)	68	#5	7'-11"	—
e3(E)	32	#4	14'-8"	—
e4(E)	4	#8	14'-8"	—
t(E)	140	#4	10'-0"	—
w(E)	80	#5	34'-8"	—
Concrete Superstructure		Cu. Yd.	113.6	
Concrete Structures		Cu. Yd.	21.6	
Reinforcement Bars, Epoxy Coated		Pound	27,380	

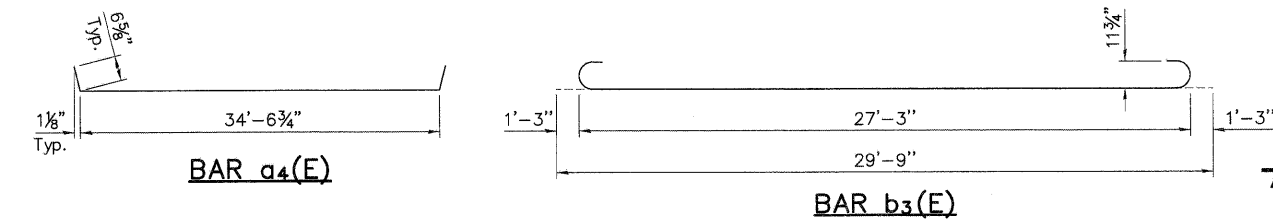


1" ANCHOR BOLT
(Cost included with Concrete Superstructure)

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED	ENGINEER OF BRIDGE DESIGN
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

BA-L 11-1-09



BAR a4(E)

BAR b3(E)

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BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 001-6012
(Sheet 2 of 2)

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
BRIDGE APPROACH SLAB DETAILS

SCALE: VERT. HORIZ.
DATE: DRAWN BY: DSP
CHECKED BY: CSE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	49

DIAPHRAGM DETAILS

CONTRACT NO. 93542

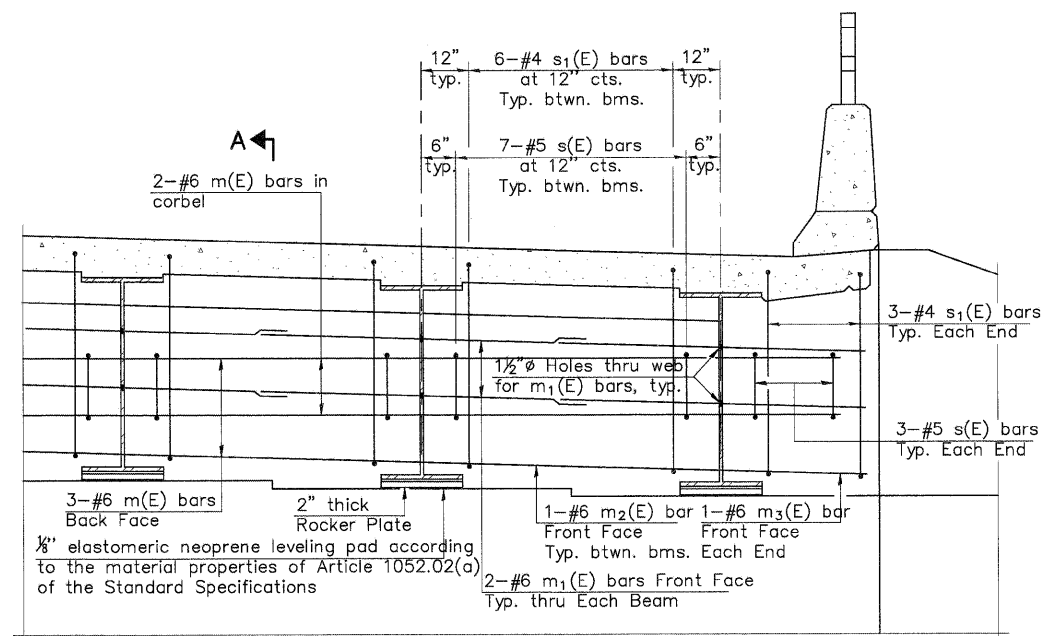
SHEET 11 OF 18

Notes:

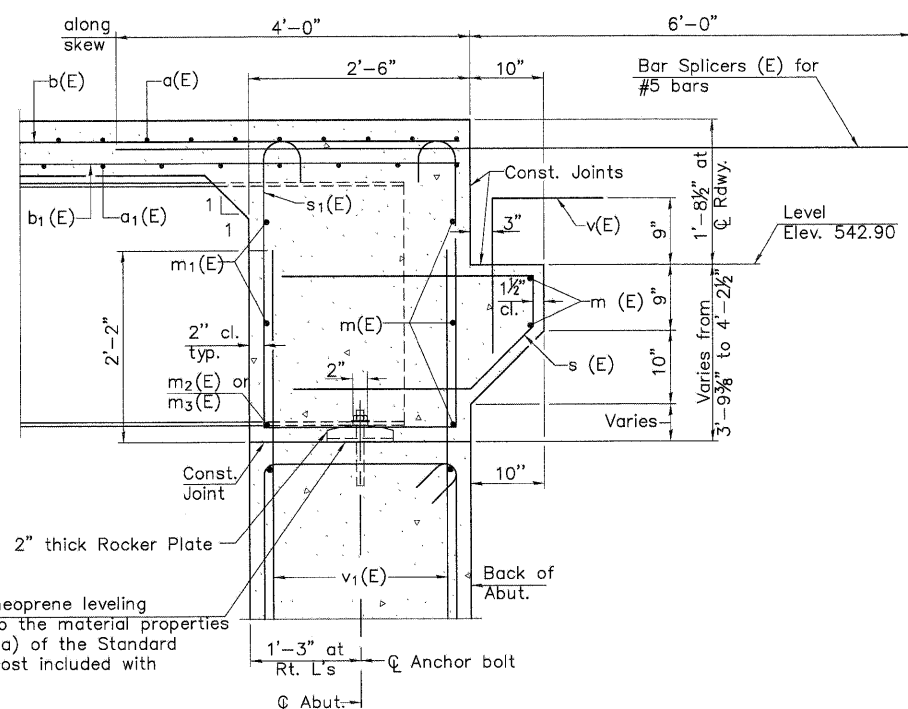
Reinforcement bars in diaphragm are billed with superstructure on sheet 8 of 18.
Concrete in diaphragm is included with Concrete Superstructure on sheet 8 of 18.
For details of bars s(E) & s₁(E) see sheet 8 of 18.
The s(E) and s₁(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

MIN. BAR LAP

#6 bar = 3'-4"

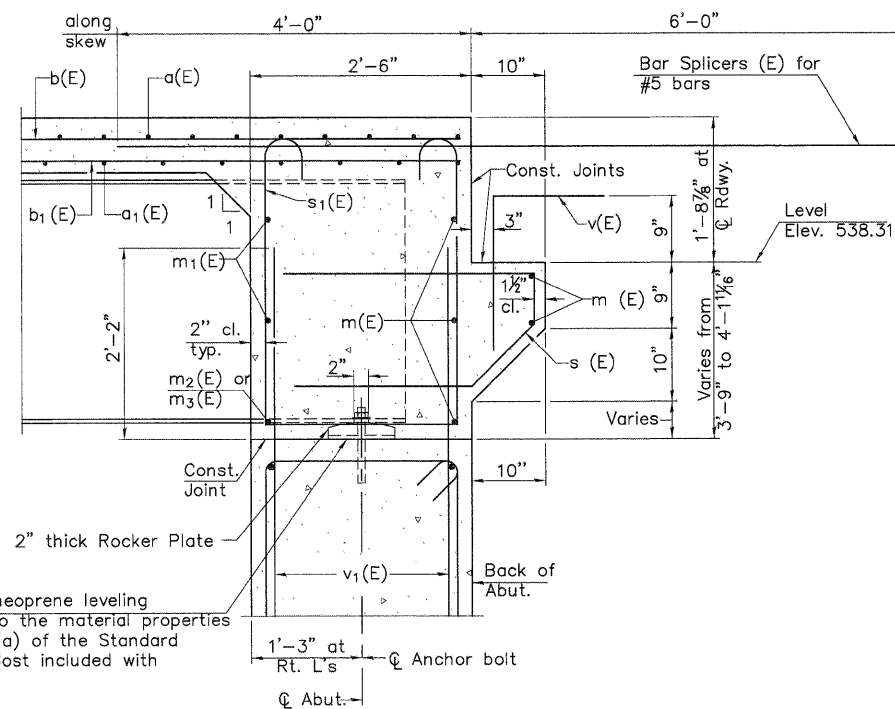


DIAPHRAGM ELEVATION AT ABUTMENT



SECTION A-A SOUTH ABUTMENT

Dimensions at right angles to abutment, except as shown.



SECTION A-A NORTH ABUTMENT

Dimensions at right angles to abutment, except as shown.

**DIAPHRAGM DETAILS
STRUCTURE NO. 001-6012**

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED	20	ENGINEER OF BRIDGE DESIGN
PASSED		ENGINEER OF BRIDGES AND STRUCTURES

SI-DS1

11-1-09

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REVISIONS	
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CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
DIAPHRAGM DETAILS

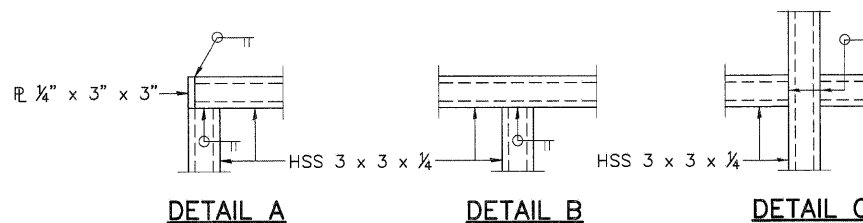
SCALE: VERT. DRAWN BY: DSP
 HORIZ. CHECKED BY: CSE
DATE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	50

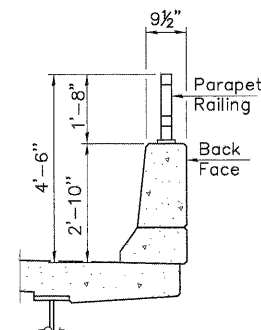
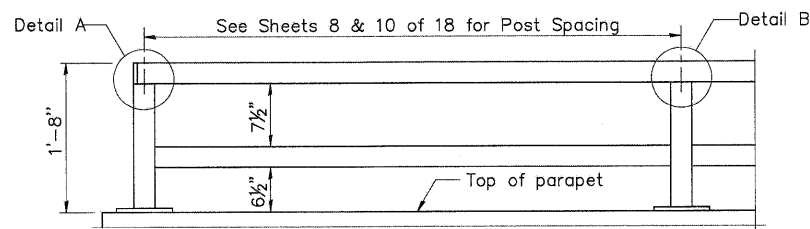
BICYCLE RAILING

CONTRACT NO. 93542

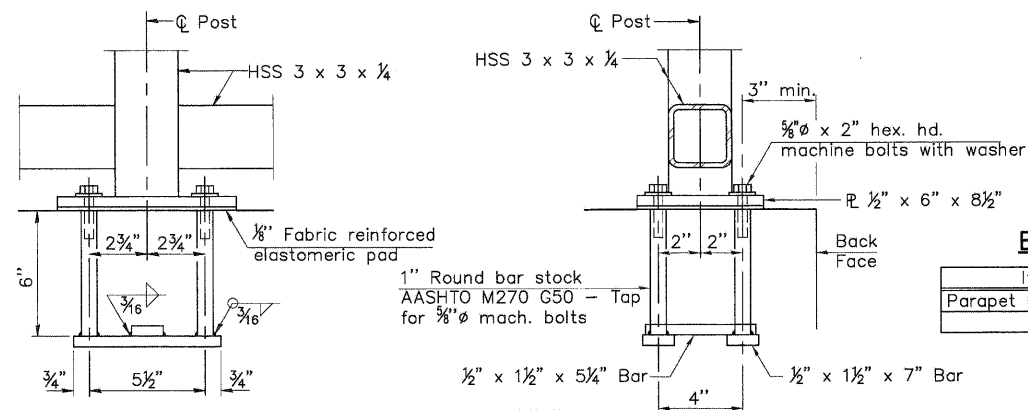
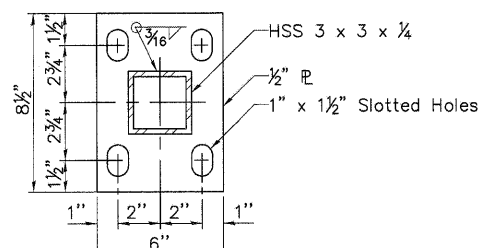
SHEET 12 OF 18



All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



SECTION THRU DECK

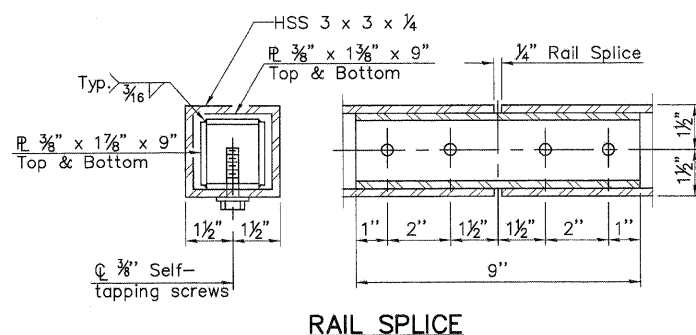


In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

BILL OF MATERIAL

Item	Unit	Quantity
Parapet Railing	Foot	296

BICYCLE RAILING
STRUCTURE NO. 001-6012



DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED	20	ENGINEER OF BRIDGE DESIGN
PASSED		ENGINEER OF BRIDGES AND STRUCTURES

R-29

11-1-09 (10'-0" Maximum Post Spacing)

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
BICYCLE RAILING

SCALE: VERT. DATE
HORIZ. DATE

DRAWN BY: DSP
CHECKED BY: CSE

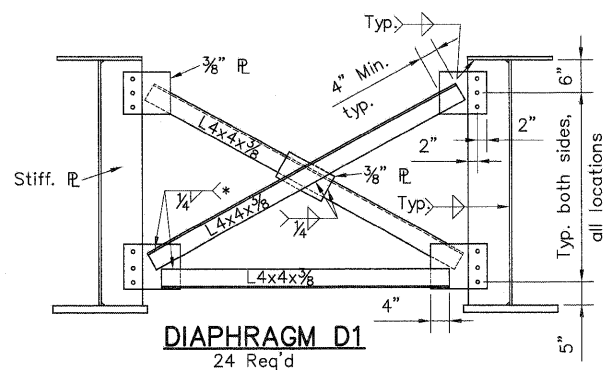
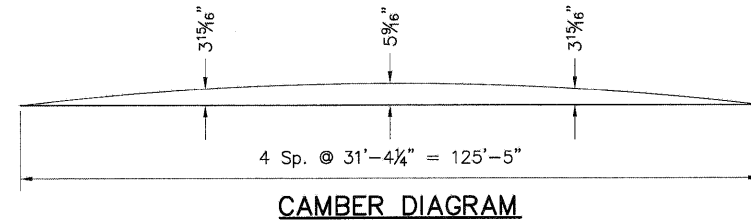
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	51

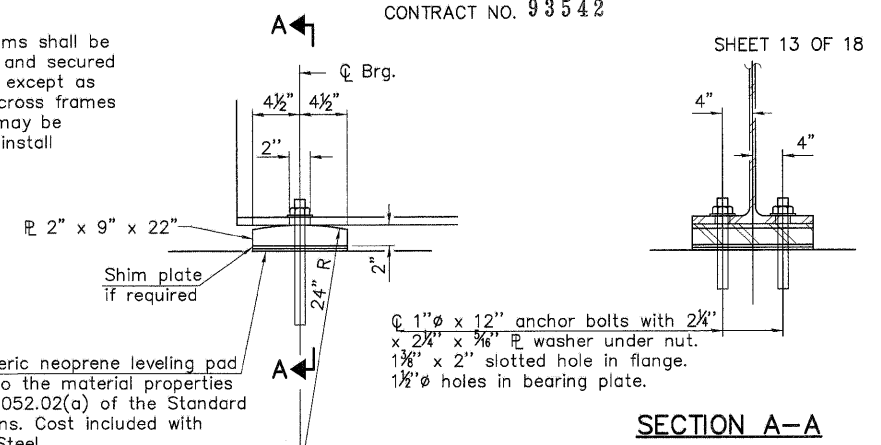
STRUCTURAL STEEL

CONTRACT NO. 93542

SHEET 13 OF 18

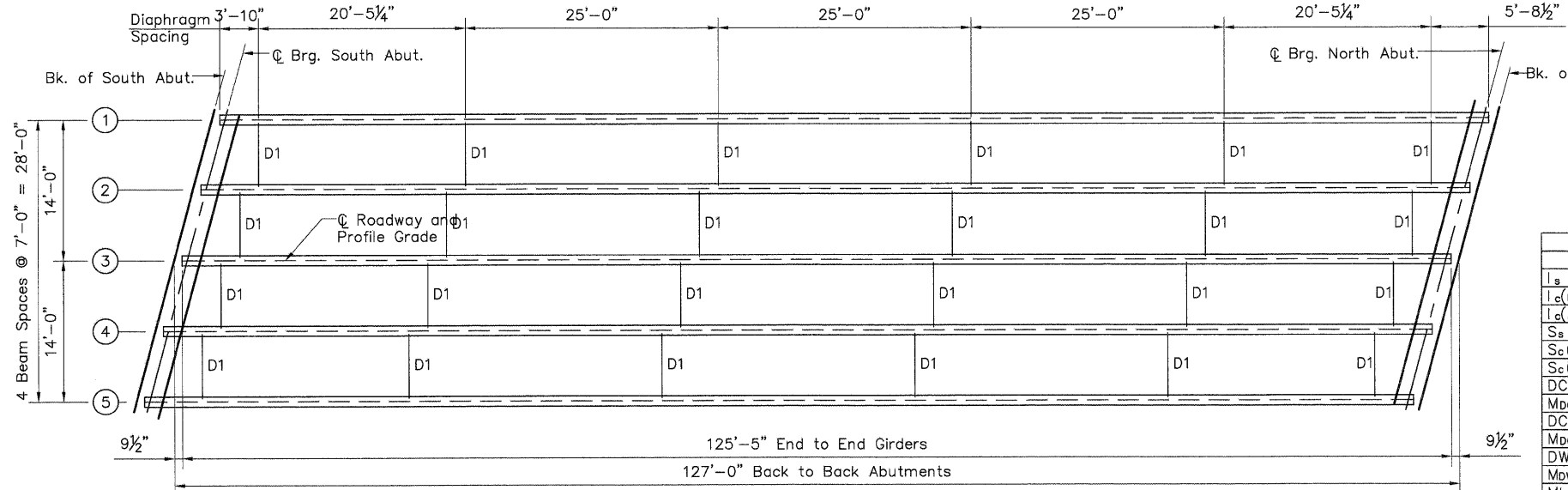


All cross frames or diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.



ELEVATION AT ABUTMENT

FIXED BEARING



PLAN

		0.5 Sp. 1
I _s	(in ⁴)	33,855
I _c (n)	(in ⁴)	88,122
I _c (3n)	(in ⁴)	61,799
S _s	(in ³)	1,021
S _c (n)	(in ³)	2,130
S _c (3n)	(in ³)	1,958
DC1	(k/')	0.99
M _{DC1}	(k)	1,893
DC2	(k/')	0.18
M _{DC2}	(k)	349
DW	(k/')	0.35
M _{DW}	(k)	678
M _{L + IM}	(k)	2,165
M _u (Strength I)	(k)	7,608
φ _r M _n , φ _r M _{nc}	(k)	9,693
f _s DC1	(ksi)	14.2
f _s DC2	(ksi)	2.4
f _s DW	(ksi)	3.9
f _s 1.3(L+IM)	(ksi)	15.8
f _s (Service II)	(ksi)	36.3
f _s (Total)(Strength I)	(ksi)	47.9

I_s, S_s: Non-composite moment of inertia and section modulus of the steel section used for computing f_s(Total-Strength I, and Service II) due to non-composite dead loads (in⁴ and in³).

I_c(n), S_c(n): Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s(Total-Strength I, and Service II) due to short-term composite live loads (in⁴ and in³).

I_c(3n), S_c(3n): Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s(Total-Strength I, and Service II) due to long-term composite (superimposed) dead loads (in⁴ and in³).

DC1: Un-factored non-composite dead load (kips/ft.).

M_{DC1}: Un-factored moment due to non-composite dead load (kip-ft.).

DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).

M_{DC2}: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).

DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).

M_{DW}: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).

M_{L + IM}: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).

M_u (Strength I): Factored design moment (kip-ft.).
1.25 (M_{DC1} + M_{DC2}) + 1.5 M_{DW} + 1.75 M_{L + IM}

φ_r M_n: Compact composite positive moment capacity computed according to Article 6.10.7.1 (kip-ft.).

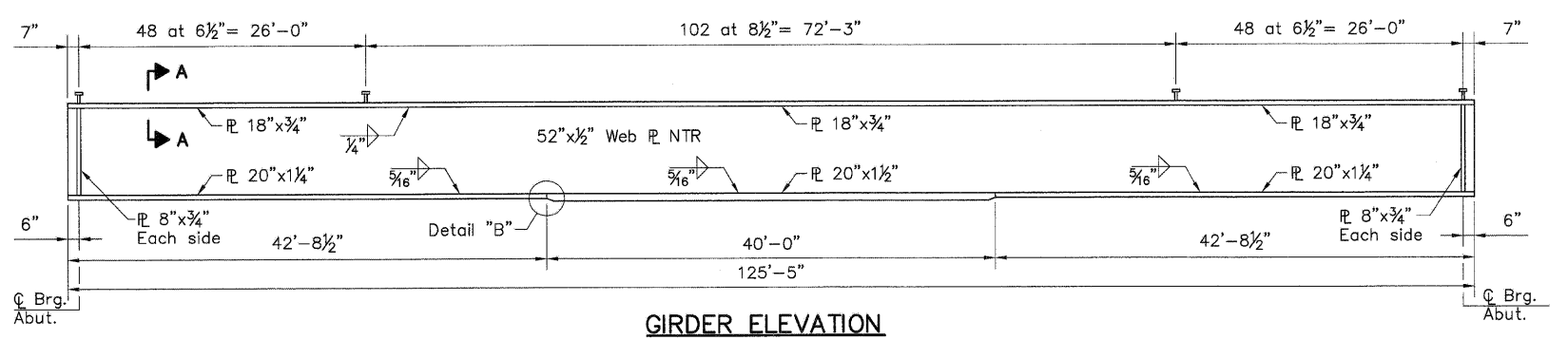
φ_r M_{nc}: Compact non-composite negative moment capacity computed according to Article A6.1.1 (kip-ft.).

f_s (Service II): Sum of stresses as computed from the moments below (ksi).
M_{DC1} + M_{DC2} + M_{DW} + 1.3 M_{L + IM}

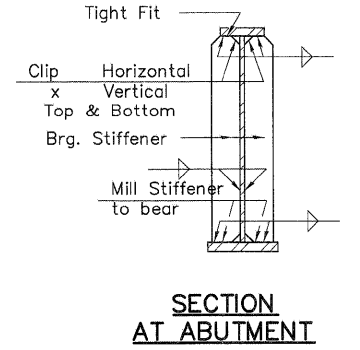
f_s (Total)(Strength I): Sum of stresses as computed from the moments below on non-compact section (ksi).
1.25 (M_{DC1} + M_{DC2}) + 1.5 M_{DW} + 1.75 M_{L + IM}

V_r: Maximum factored shear range in composite portion of span computed according to Article 6.10.10.

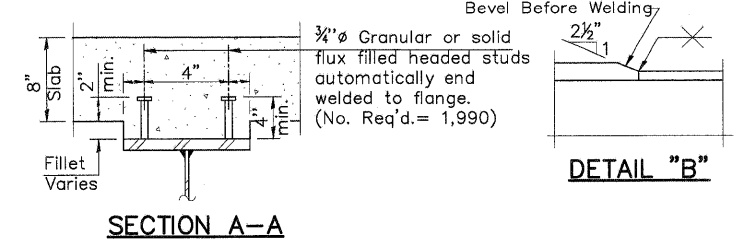
	Abut.
R _{DC1}	(k) 61.8
R _{DC2}	(k) 10.9
R _{DW}	(k) 21.8
R _{L + IM}	(k) 100.2
R _{Total}	(k) 194.7



GIRDER ELEVATION



SECTION AT ABUTMENT



DETAIL "B"

Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED
ENGINEER OF BRIDGE DESIGN

PASSED
ENGINEER OF BRIDGES AND STRUCTURES

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NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
STRUCTURAL STEEL

SCALE: VERT. HORIZ.
DATE

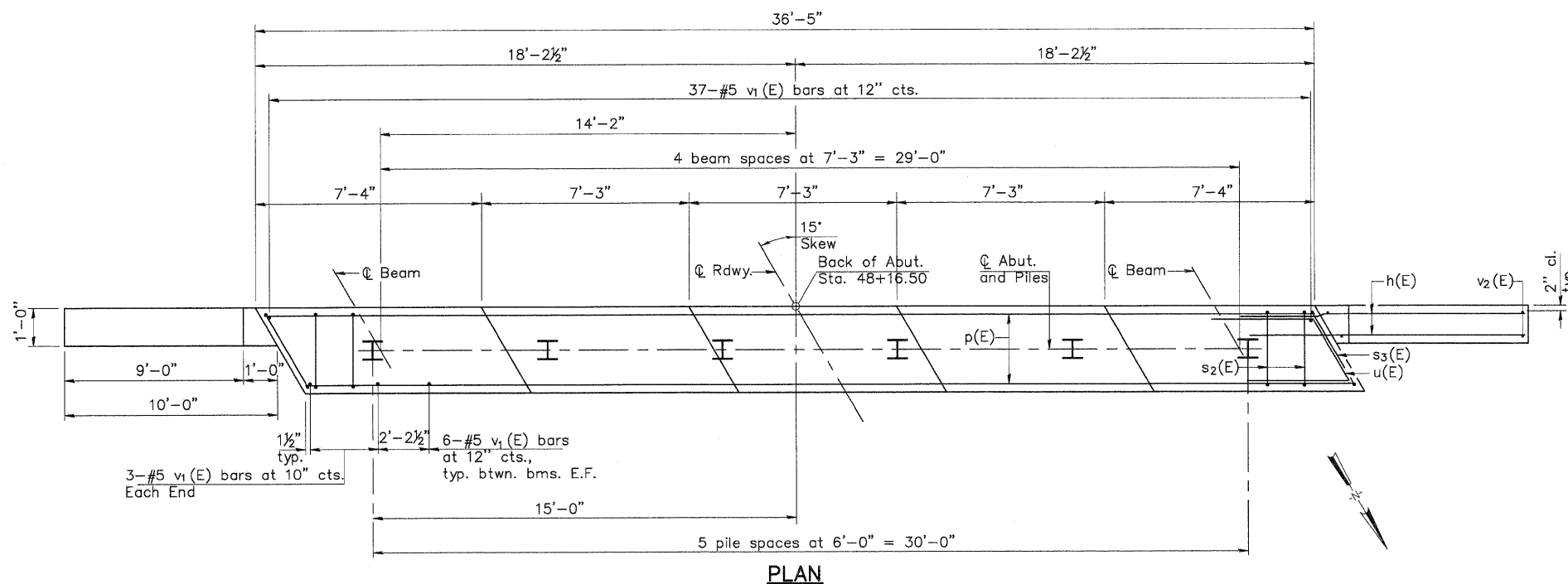
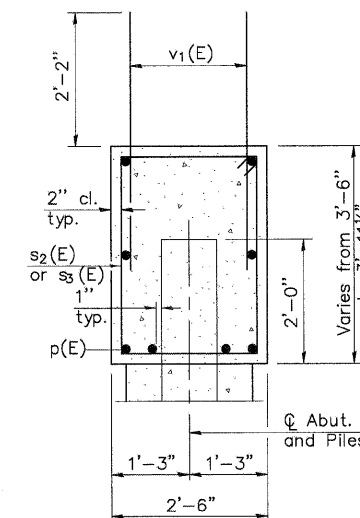
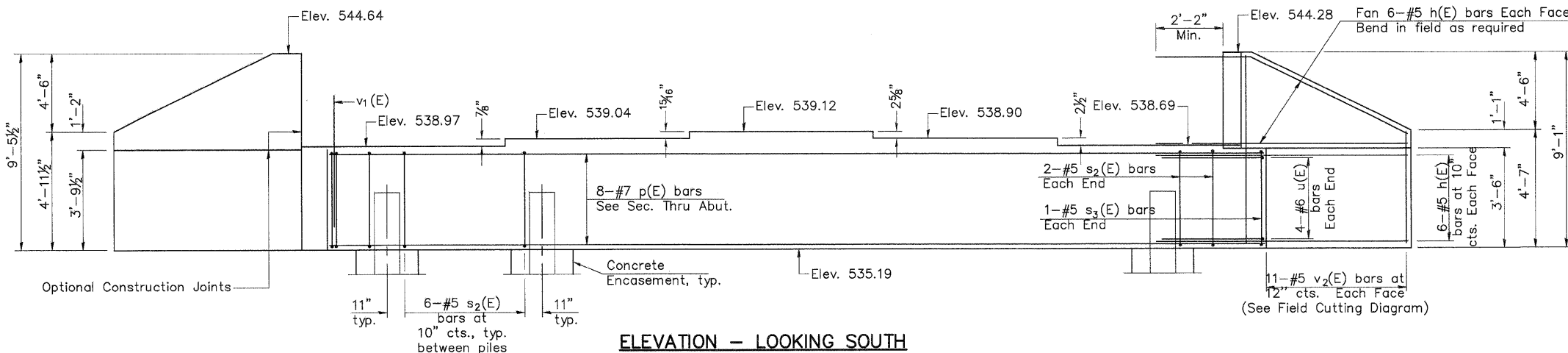
DRAWN BY: DSP
CHECKED BY: CSE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	52
SOUTH ABUTMENT				

CONTRACT NO. 93542

SHEET 14 OF 18

Notes:
Four steps monolithically with cap.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	48	#5	13'-1"	—
p(E)	8	#7	36'-1"	—
s ₂ (E)	34	#5	11'-7"	□
s ₃ (E)	2	#5	11'-9"	□
u(E)	8	#6	9'-3"	∩
v ₁ (E)	74	#5	4'-4"	—
v ₂ (E)	22	#5	12'-10"	—
Structure Excavation	Cu. Yd.	26		
Concrete Structures	Cu. Yd.	17.9		
Reinforcement Bars, Epoxy Coated	Pound	2,420		
Furnishing Steel Piles, HP12x53	Foot	150		
Driving Piles	Foot	150		
Test Pile, HP12x53	Each	1		
Concrete Encasement	Cu. Yd.	2.1		
Pile Shoes	Each	6		

For details of Bar Splicers, see sheet 16 of 18.
For details of piles and Concrete Encasement, see sheet 16 of 18.

**SOUTH ABUTMENT
STRUCTURE NO. 001-6012**

PILE DATA

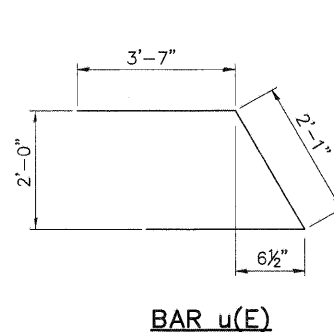
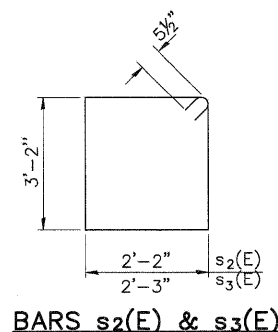
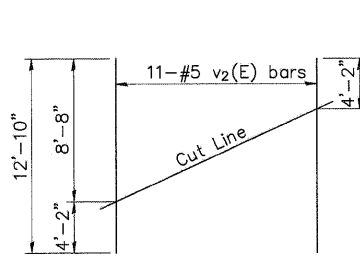
Type: HP12x53 w/ Pile Shoes
 Nominal Required Bearing: 419 kips
 Factored Resistance Available: 210 kips
 Est. Length: 30 feet
 No. Production Piles: 5
 No. Test Piles: 1 *

* Driven to 110% N.R.B
20

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

AI-L 11-1-09



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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
SOUTH ABUTMENT

SCALE: VERT. _____
HORIZ. _____
DATE _____

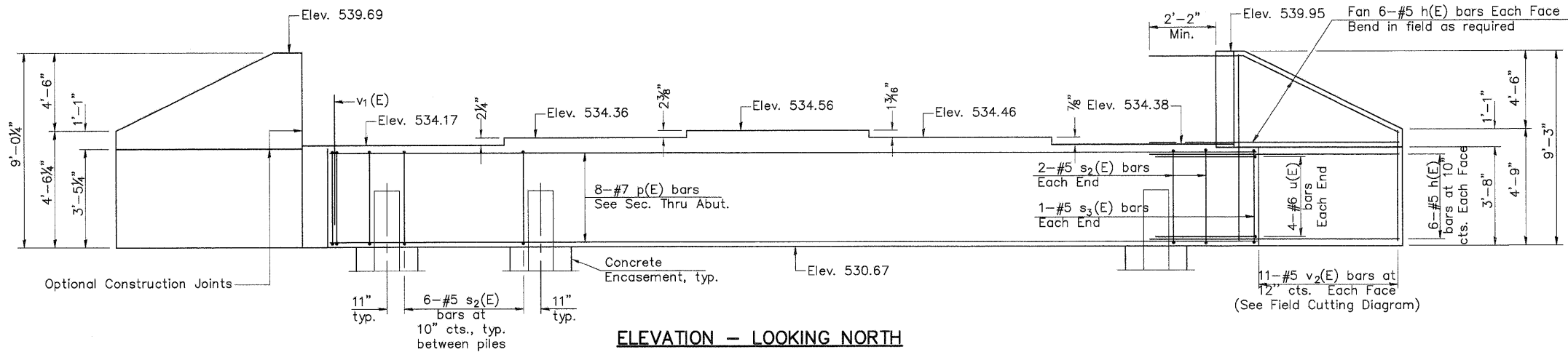
DRAWN BY: DSP
CHECKED BY: CSE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	53
NORTH ABUTMENT				

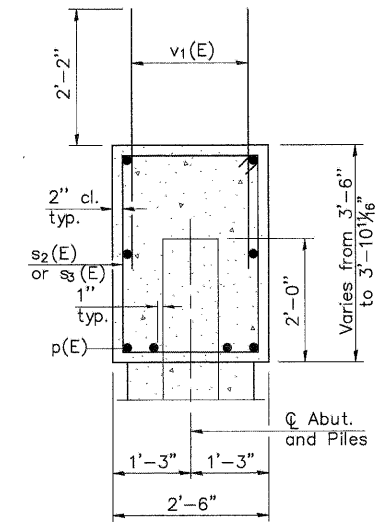
CONTRACT NO. 93542

SHEET 15 OF 18

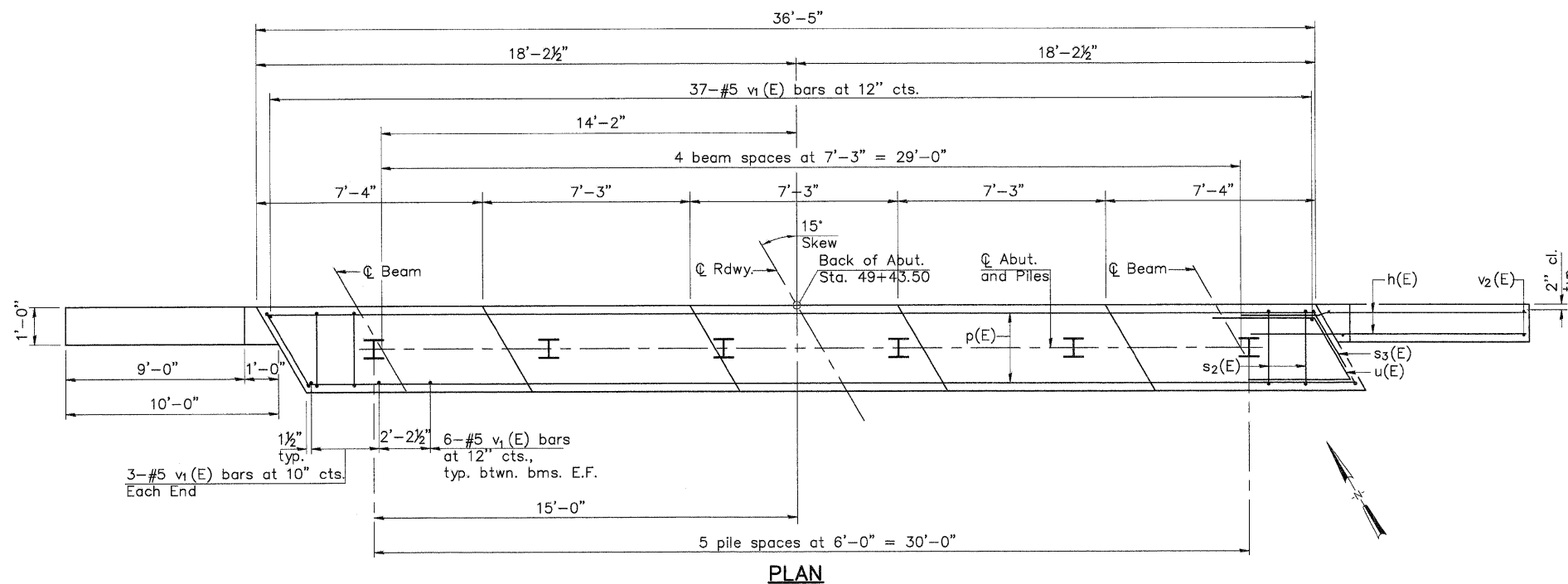
Notes:
Four steps monolithically with cap.



ELEVATION - LOOKING NORTH



SEC. THRU ABUT.



PLAN

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	48	#5	13'-1"	—
p(E)	8	#7	36'-1"	—
s2(E)	34	#5	11'-7"	□
s3(E)	2	#5	11'-9"	□
u(E)	8	#6	9'-3"	∩
v1(E)	74	#5	4'-4"	—
v2(E)	22	#5	12'-10"	—
Structure Excavation		Cu. Yd.	65	
Concrete Structures		Cu. Yd.	17.9	
Reinforcement Bars, Epoxy Coated		Pound	2,420	
Furnishing Steel Piles, HP12x53		Foot	150	
Driving Piles		Foot	150	
Test Pile, HP12x53		Each	1	
Concrete Encasement		Cu. Yd.	2.1	
Pile Shoes		Each	6	

For details of Bar Splicers, see sheet 16 of 18.
For details of piles and Concrete Encasement, see sheet 16 of 18.

NORTH ABUTMENT
STRUCTURE NO. 001-6012

PILE DATA

Type: HP12x53 w/ Pile Shoes
Nominal Required Bearing: 419 kips
Factored Resistance Available: 210 kips
Est. Length: 30 feet
No. Production Piles: 5
No. Test Piles: 1 *

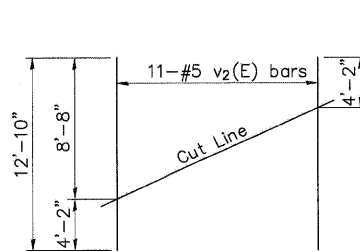
* Driven to 110% N.R.B.
20

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

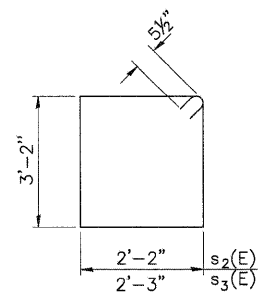
AI-L

11-1-09

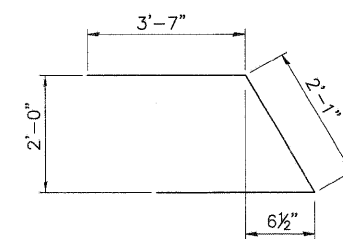


FIELD CUTTING DIAGRAM

Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.



BARS s2(E) & s3(E)



BAR u(E)

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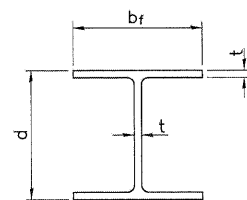
REVISIONS	NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
NORTH ABUTMENT

SCALE: VERT. DATE
HORIZ. DATE
DRAWN BY: DSP
CHECKED BY: CSE

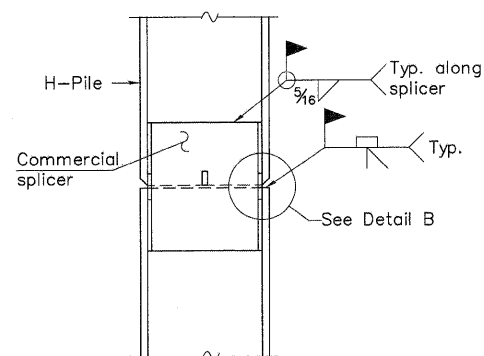
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	54

PILE DETAILS
CONTRACT NO. 93542

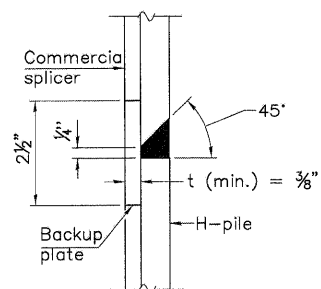


STEEL PILE TABLE

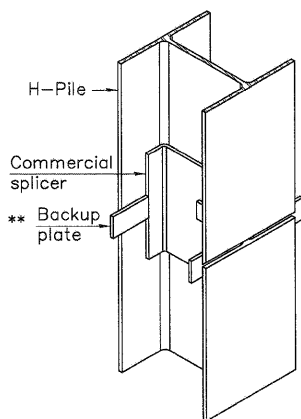
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 5/8"	14 5/8"	1/2"	30"
HP 12x84	12 1/2"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 3/8"	7/16"	18"



ELEVATION

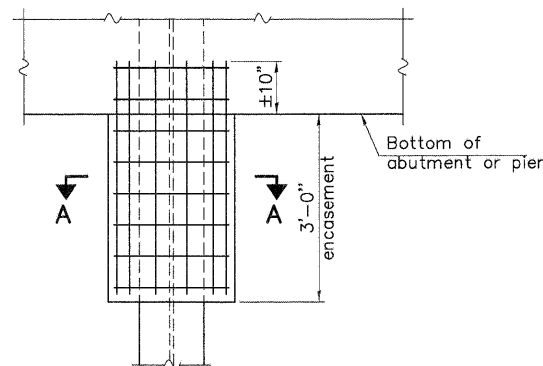


DETAIL "B"



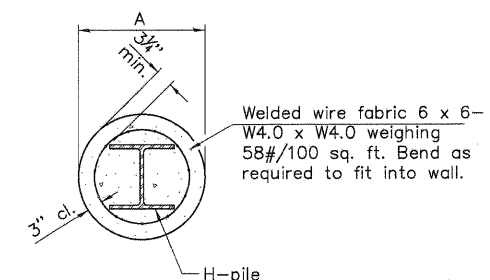
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



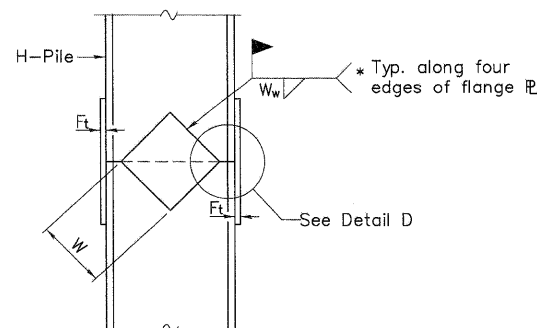
ELEVATION

PILE ENCASEMENT

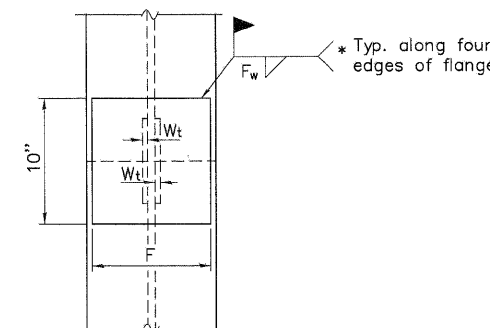


Note:
Forms for encasement may be omitted when soil conditions permit.

SECTION A-A



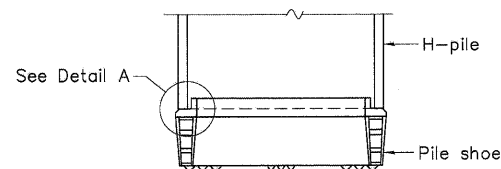
ELEVATION



END VIEW

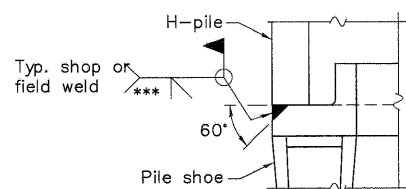
Designation	F	F _t	F _w	W	W _t	W _w
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	5 1/4"	1/2"	3/8"

PILE DETAILS
STRUCTURE NO. 001-6012

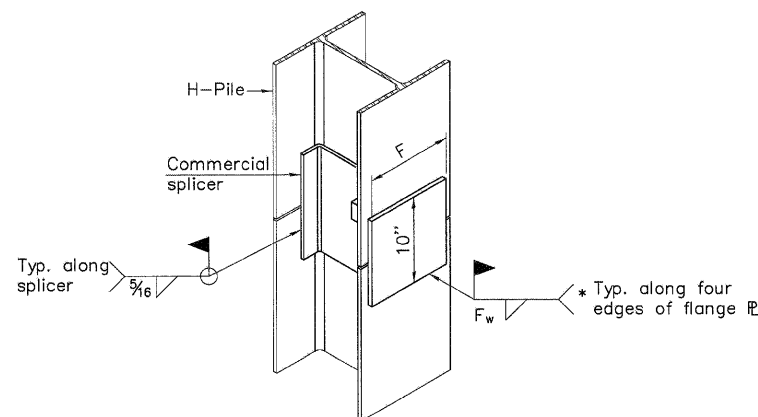


ELEVATION

H-PILE SHOE ATTACHMENT



DETAIL A

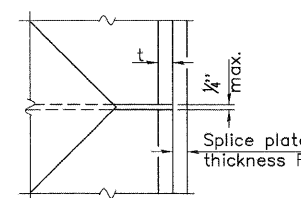


ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE

- * Interrupt welds 1/4" from end of web and/or each flange.
- ** Remove portions of backup plates that extend outside the flanges.
- *** Weld size per pile shoe manufacturer (5/16" min.).

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.



DETAIL D

WELDED PLATE FIELD SPLICE

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

F-HP

11-1-09

EXAMINED	20
PASSED	

ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

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REVISIONS	
NAME	DATE

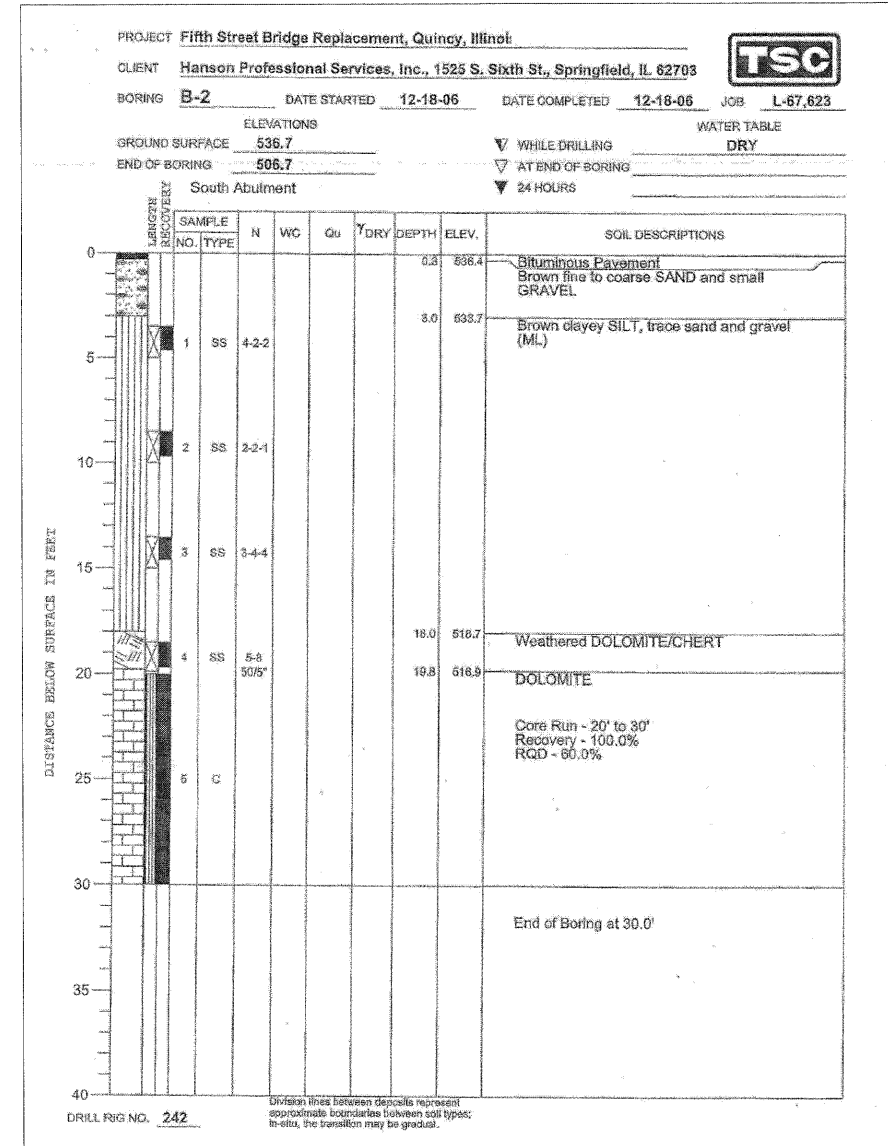
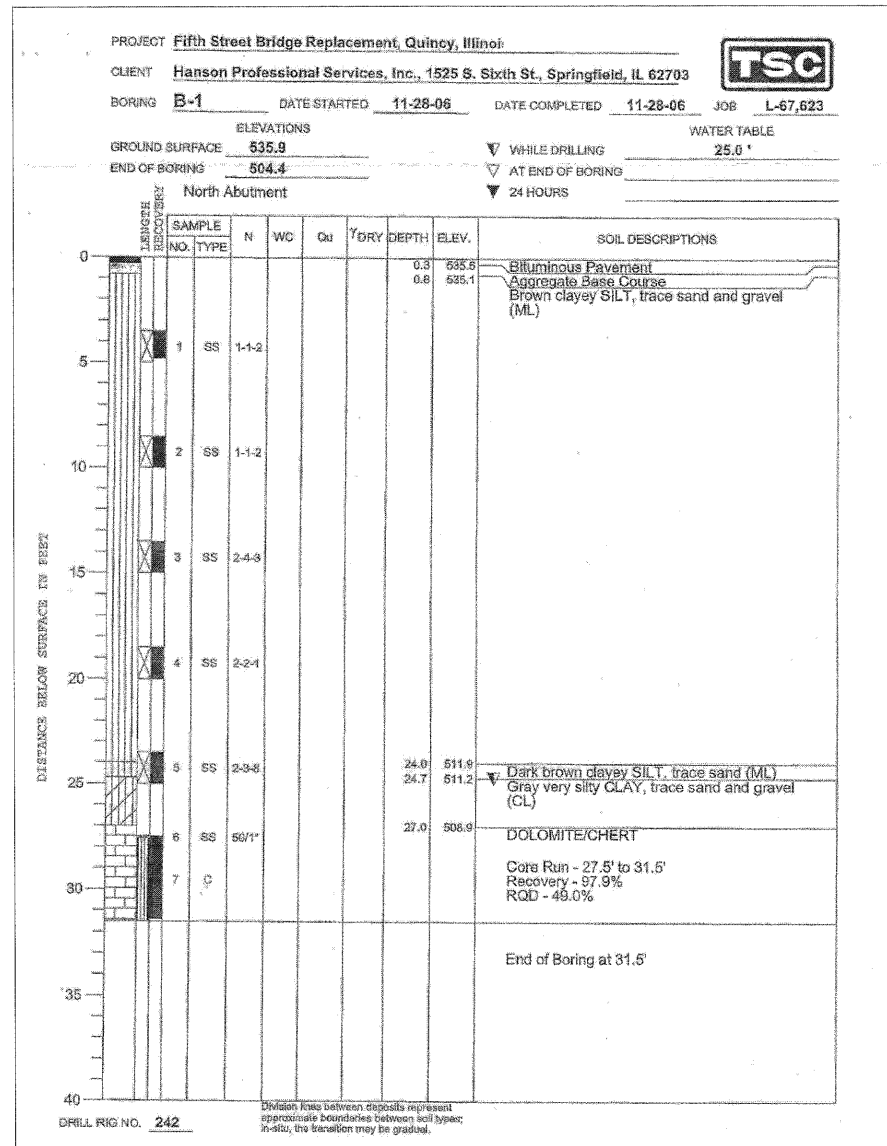
CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
PILE DETAILS
SCALE: VERT. _____
DATE _____
DRAWN BY: DSP
CHECKED BY: CSE

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	56

SOIL BORING LOGS

CONTRACT NO. 93542

SHEET 18 OF 18



SOIL BORING LOGS
STRUCTURE NO. 001-6012

DESIGNED	D.S.P.
CHECKED	C.S.B.
DRAWN	D.S.P.
CHECKED	C.S.B.

20
 EXAMINED _____
 ENGINEER OF BRIDGE DESIGN
 PASSED _____
 ENGINEER OF BRIDGES AND STRUCTURES

PSBA
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 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
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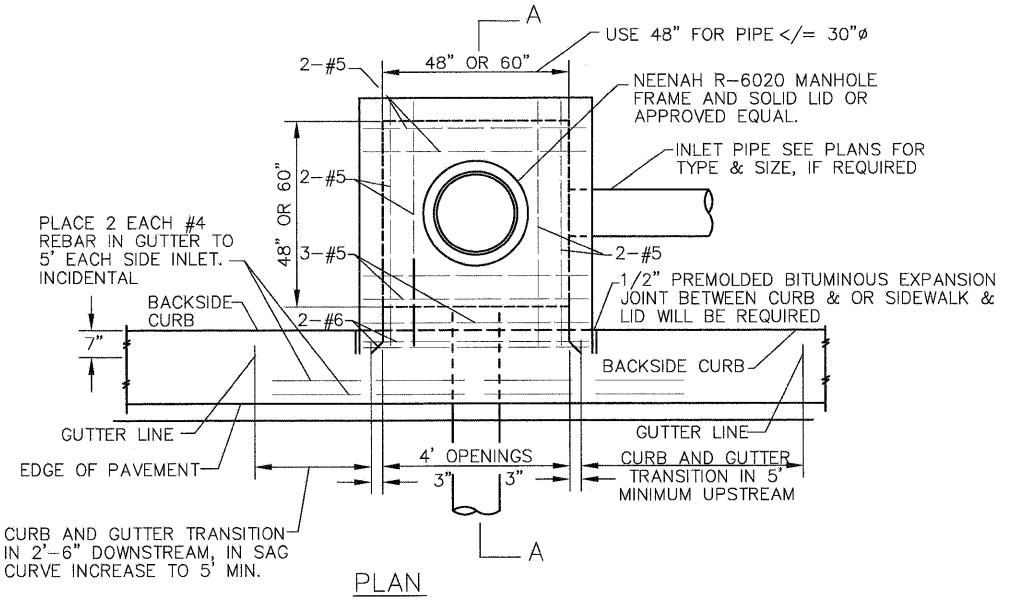
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 SOIL BORING LOGS

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY: DSP
 CHECKED BY: CSE

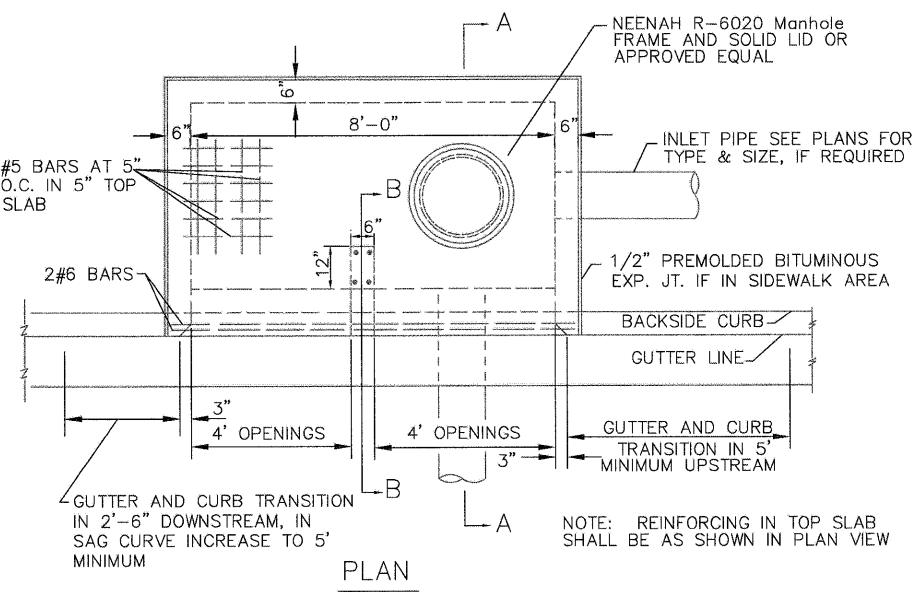
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	58

SPECIAL INLET DETAILS
 CONTRACT NO. 93542



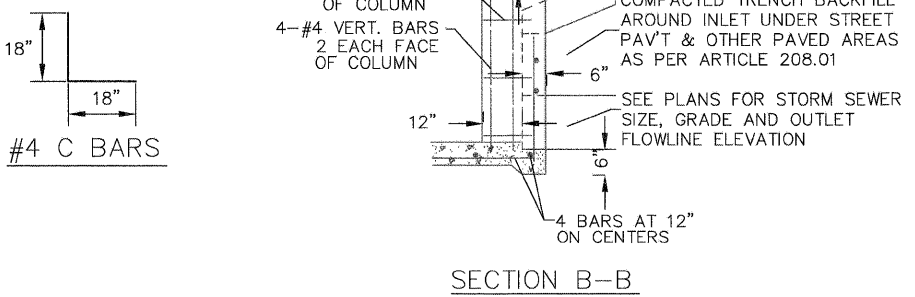
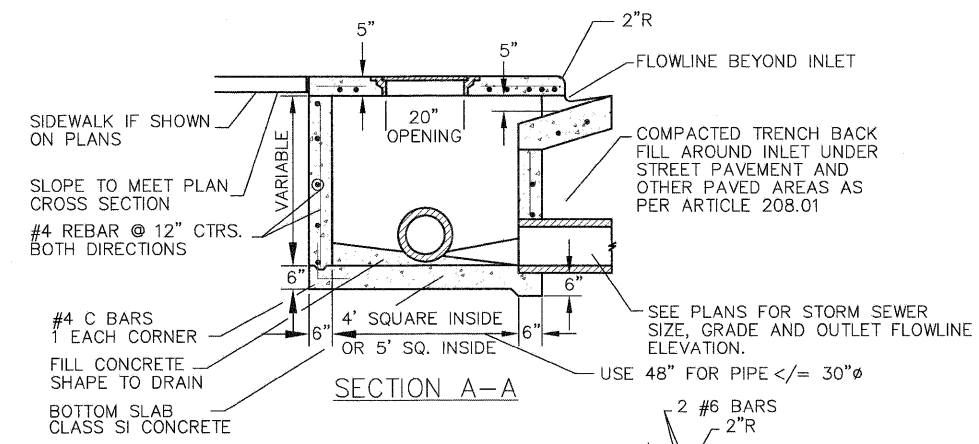
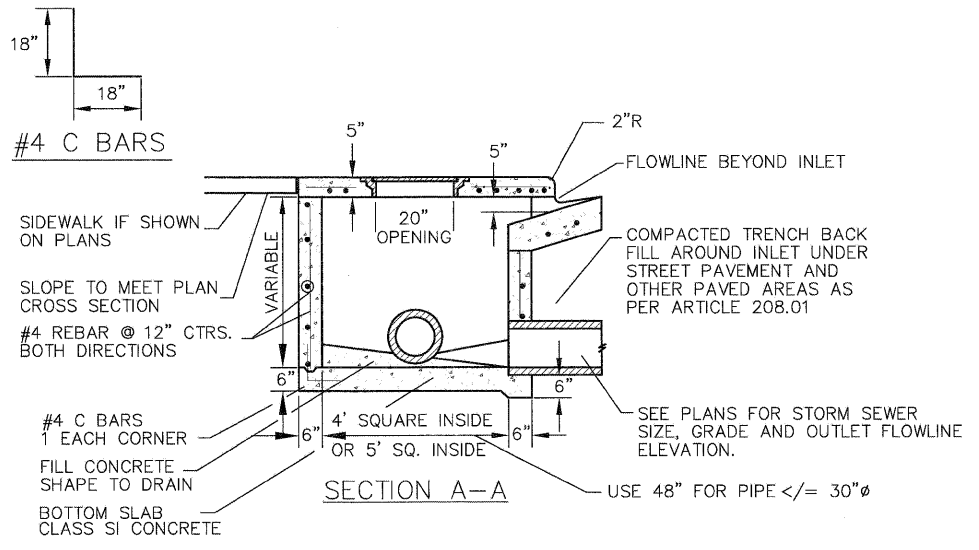
INLETS, SPECIAL, TYPE E, 4'X4'

- STA 43+00.00, 16.58' LT
- STA 43+00.00, 16.58' RT
- STA 44+85.00, 16.58' RT
- STA 47+80.00, 16.58' LT
- STA 47+70.00, 16.58' RT



INLETS, SPECIAL

- STA 50+46.20, 16.58' LT
- STA 50+46.20, 16.58' RT



GENERAL INLET NOTES

1. THE CONTRACT UNIT PRICE FOR INLETS, SPECIAL OR INLETS, SPECIAL, TYPE E SHALL INCLUDE THE COST OF THE FRAME AND LID AS SHOWN, THE REINFORCED CONCRETE COVER, EXCAVATION AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL. ADDITIONALLY IT WILL BE NECESSARY TO MEET ALL OTHER REQUIREMENTS OF SECTION 602 OF THE STANDARD SPECIFICATIONS.
2. FRONT EDGE OF THE TOP SLAB SHALL CONFORM WITH THE RADIUS OF ADJACENT CURB WHERE INLET IS LOCATED WITHIN CURB RETURNS AT INTERSECTIONS.
3. #4 REBARS SHALL BE PLACED HORIZONTALLY AND VERTICALLY AT 12" CENTERS IN WALLS ALL AROUND, WITH 18" X 18" L BARS AT CORNERS.
4. INLIEU OF C BARS, CONTRACTOR MAY DRILL HOLES 6" DEEP IN BOTTOM SLAB TO HOLD VERTICAL #4 REBARS IN THE WALLS.
5. COST OF REINFORCING BARS INCLUDED IN COST OF SPECIFIED INLET.
6. WHEN THE INLET TOP IS NOT CAST IN PLACE TOP SHALL BE PLACED IN FULL BED OF MORTAR.
7. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

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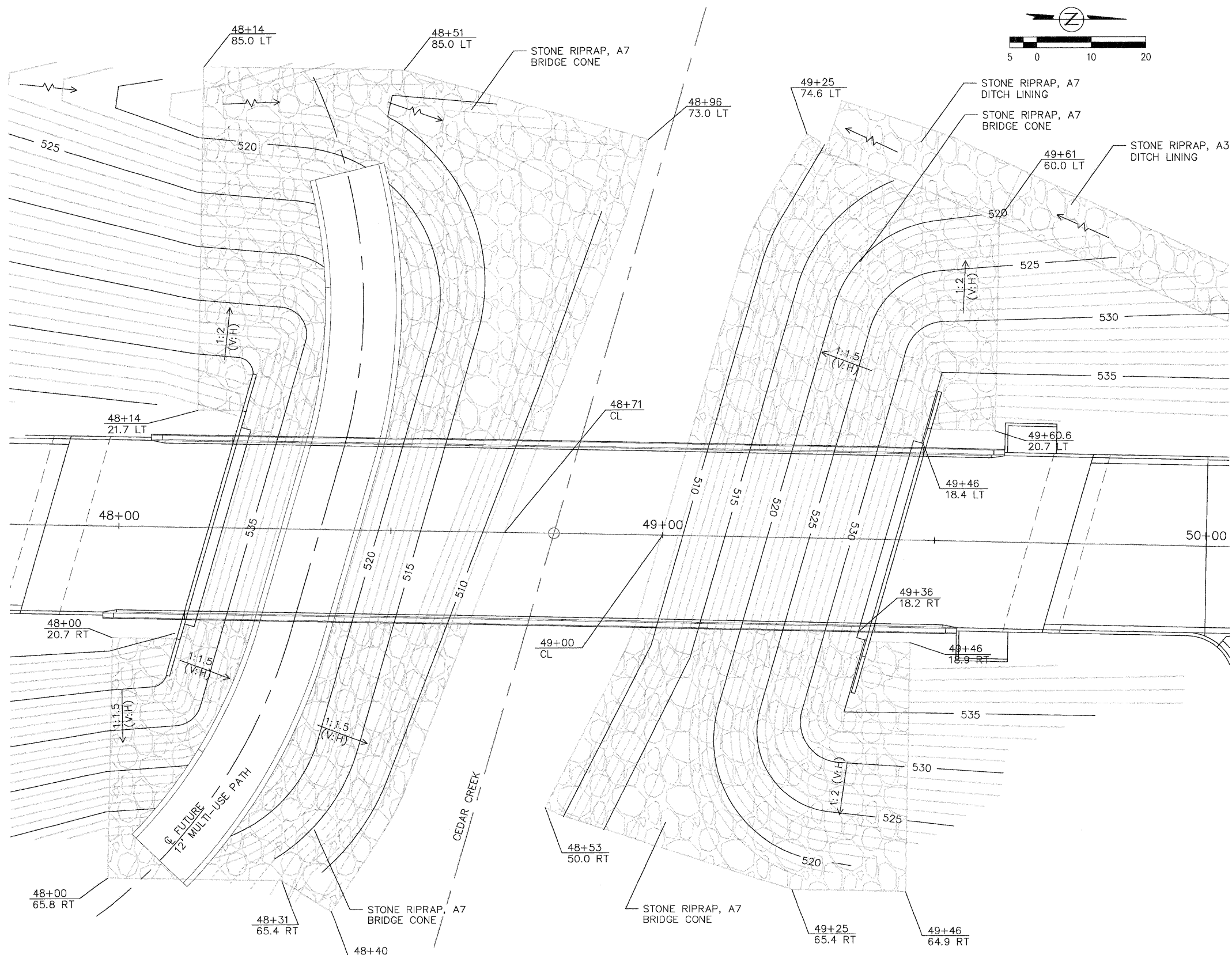
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 MISC. DETAIL
 SPECIAL INLETS

SCALE: VERT. _____
 DATE _____ HORIZ. _____

DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	59
BRIDGE CONE RIPRAP LAYOUT DETAILS				
CONTRACT NO. 93542				



STONE RIPRAP, CLASS A7

STA 48+00 TO STA 48+71
INSTALL 30" THICK, AREA = 1082 SQ YD

STA 49+00 TO 49+61
INSTALL 30" THICK, AREA = 745 SQ YD

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REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS

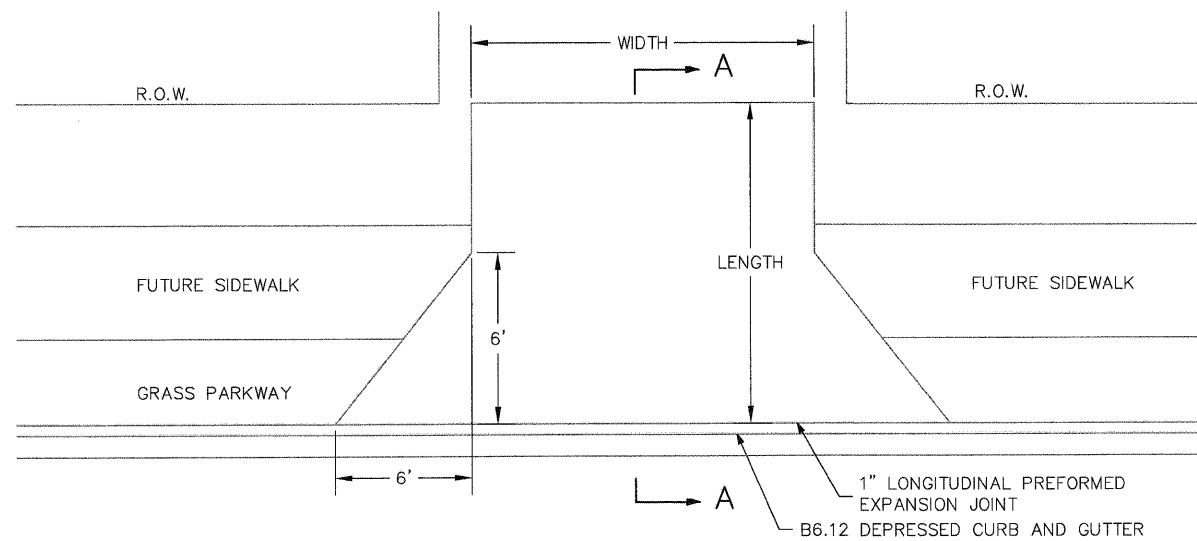
N. 5TH STREET BRIDGE
MISC. DETAIL
BRIDGE CONE RIPRAP LAYOUT

SCALE: VERT. _____
HORIZ. _____

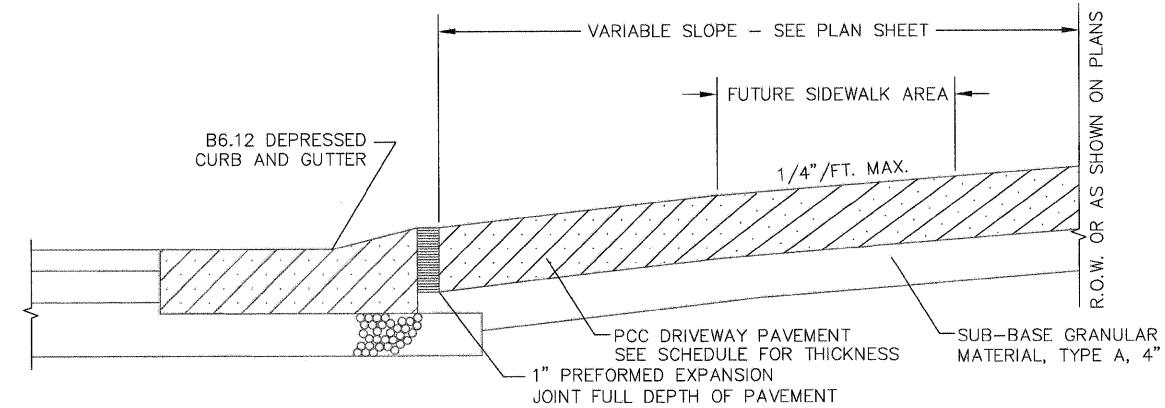
DATE _____ DRAWN BY: DBS
CHECKED BY: AMW

5th ST - MISCELLANEOUS DETAIL 3 OF 6

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	60
DRIVEWAY, BUTT JOINT, AND STONE RIPRAP DETAILS				
CONTRACT NO. 93542				



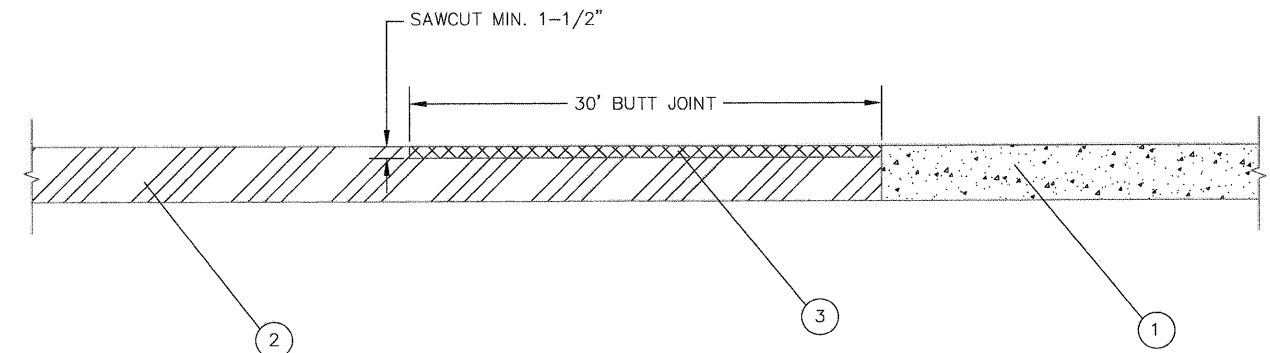
TYPICAL ENTRANCE DETAIL – PE AND CE PCC



SECTION A-A

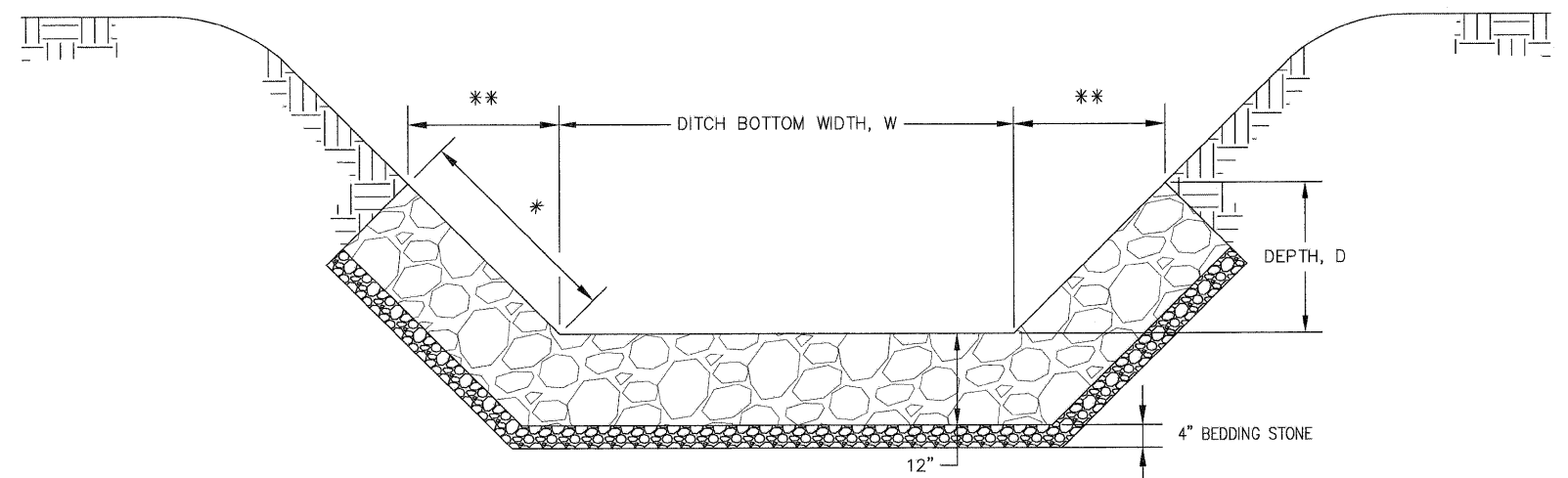
NOTES

1. CLASS PV CONCRETE SHALL BE USED THROUGH-OUT.
2. THE INSTALLATION OF PREFORMED EXPANSION JOINTS WHERE REQUIRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR P.C.C. DRIVEWAY PAVEMENT.
3. THE UNIT PRICE BID FOR THIS ITEM SHALL INCLUDE THE FURNISHING OF ALL LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE P.C.C. DRIVEWAY PAVEMENT.
4. DRIVEWAY MAY REQUIRE A SLOPE CHANGE AT DETERMINED DISTANCES BEHIND CURB FOR SIDEWALK OR DRAINAGE CORRECTIONS DUE TO EXCESSIVE OR INADEQUATE SLOPE OF STRAIGHT LINE GRADE.
5. COST OF CONSTRUCTING A SLOPE CHANGE IF NECESSARY AND ALL JOINTING SHALL BE INCIDENTAL TO THE COST PER SQUARE YARD OF P.C.C. DRIVEWAY PAVEMENT.
6. REFER TO CROSS SECTIONS FOR DRIVE AND SIDEWALK CROSS SLOPES.
7. REFER TO PLAN AND PROFILE SHEETS FOR DRIVEWAY WIDTHS OR MATCH EXISTING.
8. SAW OR SCRATCH JOINTS IN EACH ENTRANCE SO THAT NO SECTION REMAINS LARGER THAN 12 FEET IN ANY DIMENSION.
9. MAXIMUM WIDTH OF A DRIVEWAY OR ALLEY ENTRANCE AT THE RIGHT-OF-WAY LINE SHALL BE THIRTY (30) FEET UNLESS OTHERWISE NOTED.



1. PROPOSED 8" PCC PAVEMENT
2. EXISTING HOT-MIX ASPHALT PAVEMENT, VARIABLE THICKNESS
3. PROPOSED 1.5" HMA SURFACE COURSE

BUTT JOINT



DETAIL – STONE RIPRAP, CLASS A3

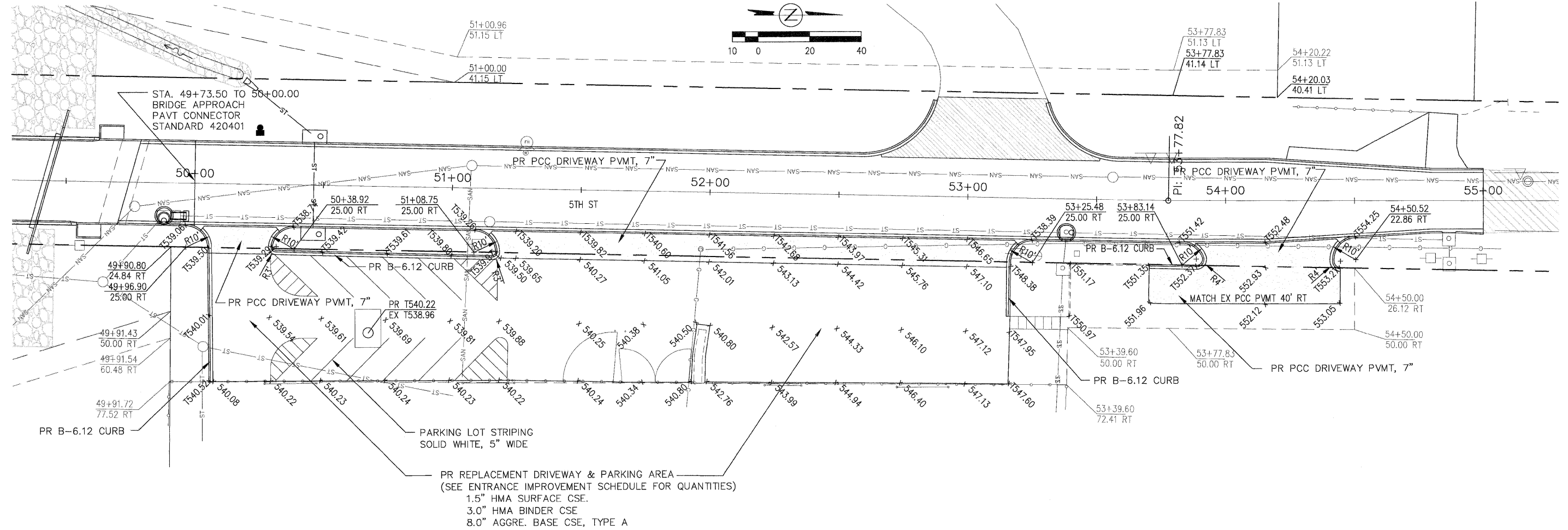
STA. 49+61.0 65.0' LT TO STA. 50+19.0, 40.6' LT
 * = 3.16', ** = 3', W = 4', D = 1'
 STA. 44+13.4 285.7' RT
 * = 6.7', ** = 6', W = 2', D = 3'

PSBA
 POEPPING, STONE, BACH & ASSOCIATES, INC.
 ARCHITECTS ENGINEERS PLANNERS SURVEYORS
 100 S 84TH ST, P.O. BOX 709 • QUINCY, IL 62306
 WITH OFFICES IN IKEOKUK, IOWA & HANNIBAL, MISSOURI
 www.psba.com • PHONE 877-223-4605

REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
 N. 5TH STREET BRIDGE
 MISC. DETAIL
 DRIVEWAY, BUTT JOINT &
 STONE RIPRAP
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY: DBS
 CHECKED BY: AMW

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	61
KNAPHEIDE PARKING LOT RECONSTRUCTION DETAILS				
CONTRACT NO. 93542				



DETAIL - RECONSTRUCTION OF KNAPHEIDE MFG. PARKING LOT

GENERAL NOTES FOR REMOVAL OF KNAPHEIDE PARKING LOT

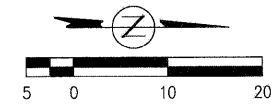
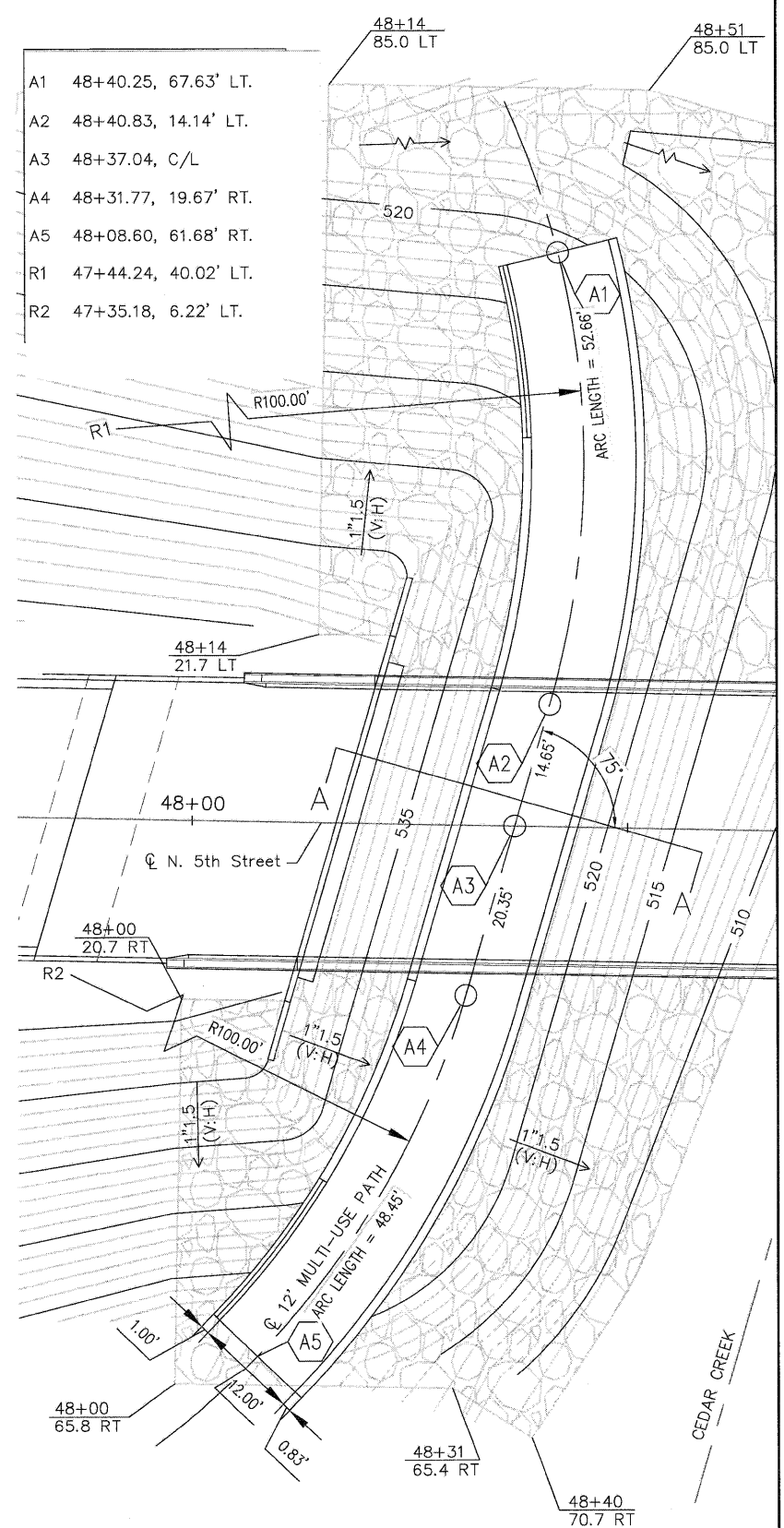
COORDINATE PARKING LOT RECONSTRUCTION WITH KNAPHEIDE MFG. CO.
CONTACT PERSON: ERIC JAMES, FACILITY MANAGER 217-223-1848

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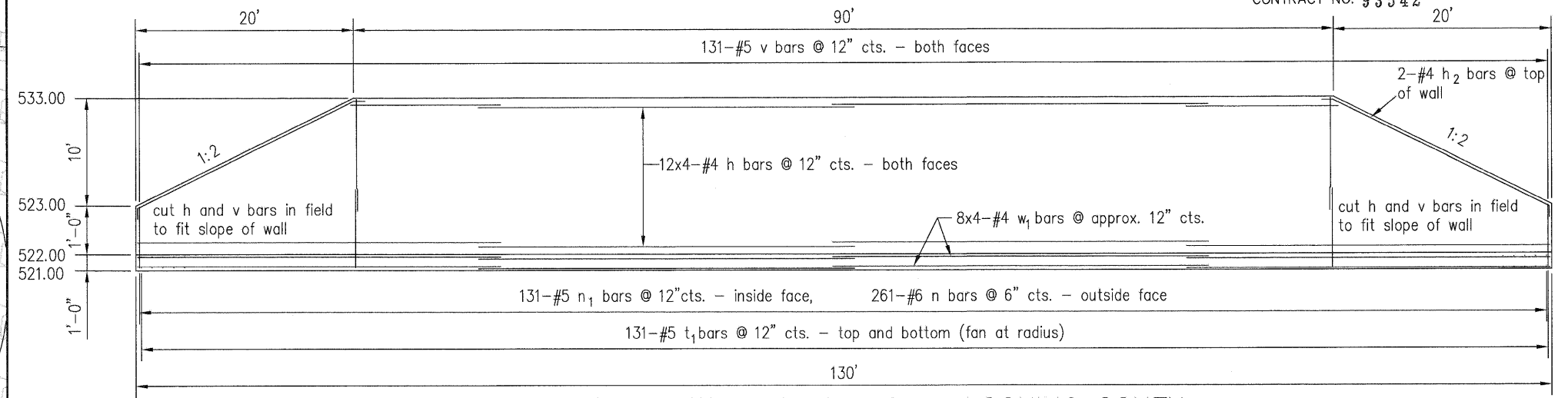
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
MISC. DETAIL
KNAPHEIDE PARKING LOT
RECONSTRUCTION
SCALE: VERT. _____
DATE: _____ HORIZ. _____
DRAWN BY: DBS
CHECKED BY: AMW

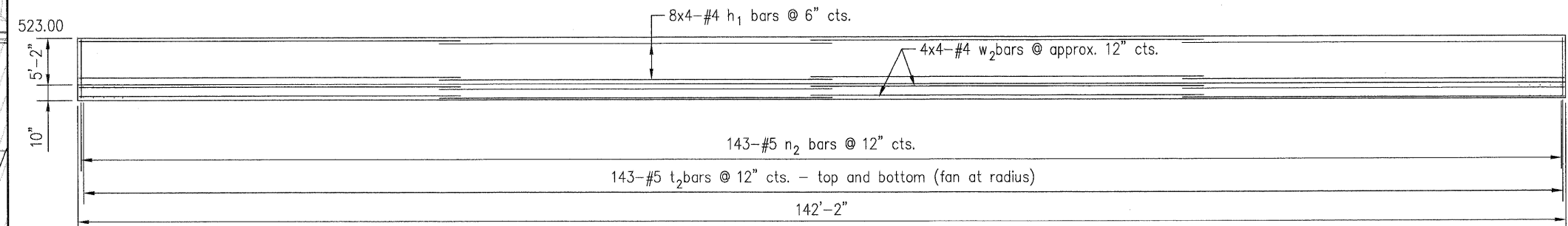
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	62
MULTI-USE PATH RETAINING WALL DETAILS				
CONTRACT NO. 93542				



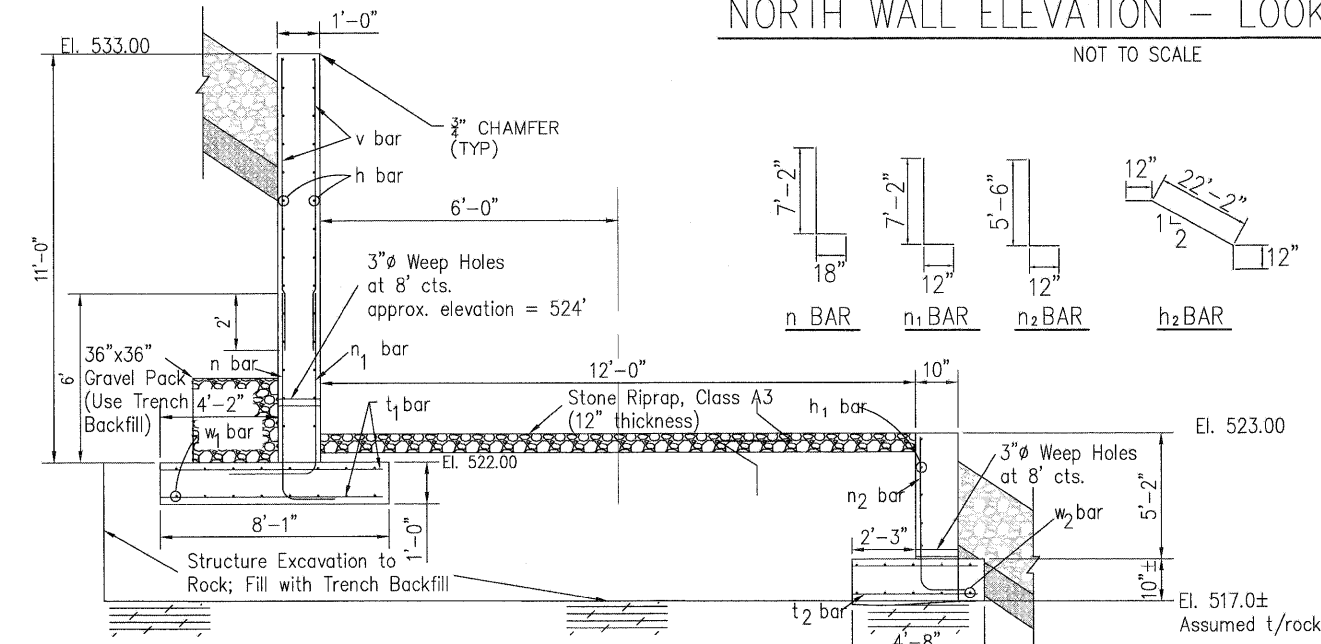
PLAN VIEW



SOUTH WALL ELEVATION - LOOKING SOUTH
NOT TO SCALE



NORTH WALL ELEVATION - LOOKING NORTH
NOT TO SCALE



SECTION A-A
NOT TO SCALE

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	96	#4	34'-0"	—
h1	32	#4	37'-0"	—
h2	4	#4	24'-2"	—
n	261	#6	8'-8"	┌
n1	131	#5	8'-2"	┌
n2	143	#5	6'-6"	┌
w1	64	#5	34'-0"	┌
w2	32	#5	37'-0"	┌
t1	262	#5	7'-6"	┌
t2	286	#5	4'-2"	┌
v	262	#5	5'-10"	┌
Concrete Structures			Cu. Yd.	135.0
Reinforcement Bars			Pound	16,910
Stone Riprap Class A3			Sq. Yd.	182
Rock Excavation			Cu. Yd.	12.0
Trench Backfill			Cu. Yd.	670
Structure Excavation			Cu. Yd.	970

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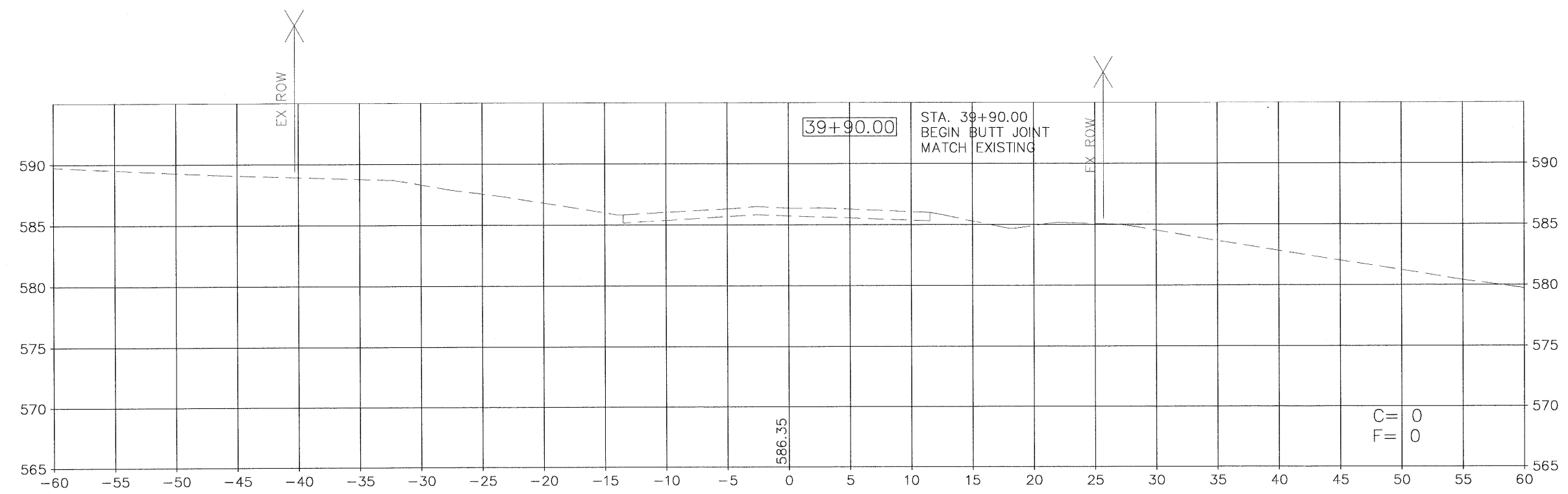
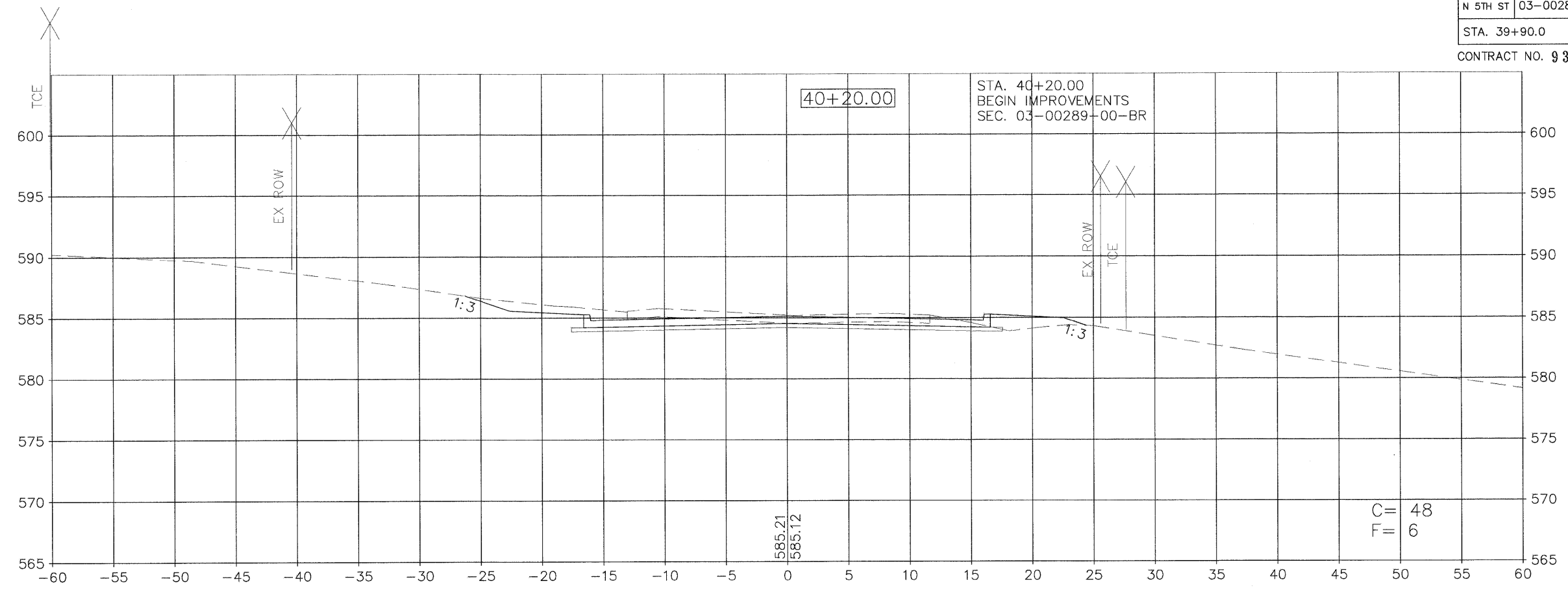
REVISIONS	
NAME	DATE

CITY OF QUINCY, ILLINOIS
N. 5TH STREET BRIDGE
MISC. DETAIL
MULTI-USE PATH
RETAINING WALLS
SCALE: VERT. _____
DATE _____ HORIZ. _____
DRAWN BY: DBS
CHECKED BY: AMW
5th ST - MISCELLANEOUS DETAIL 6 OF 6

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	63

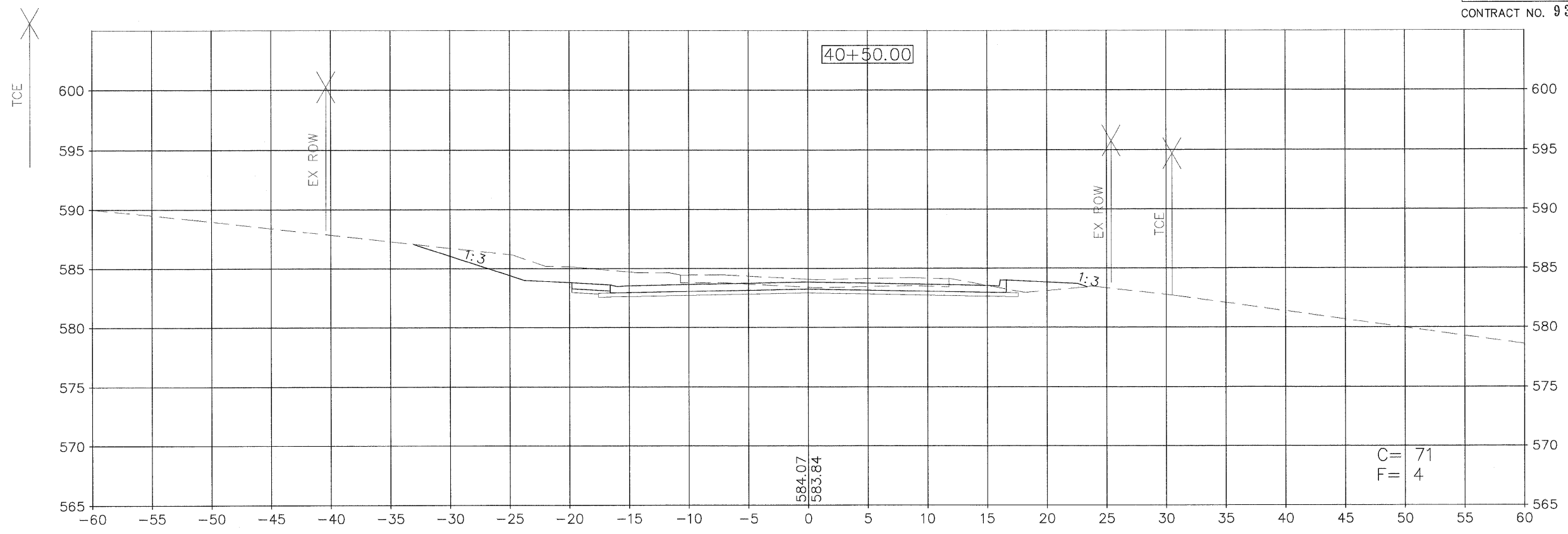
STA. 39+90.0 TO STA. 40+20.0

CONTRACT NO. 93542

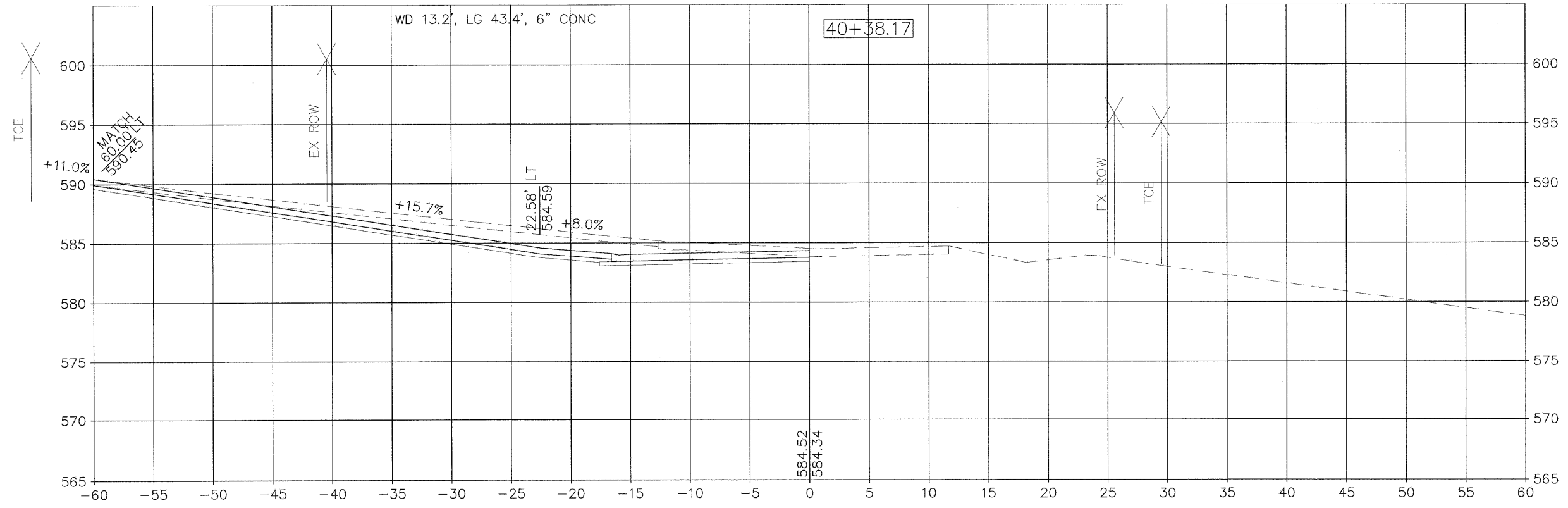


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	64
STA. 40+38.2		TO STA. 40+50.0		

CONTRACT NO. 93542

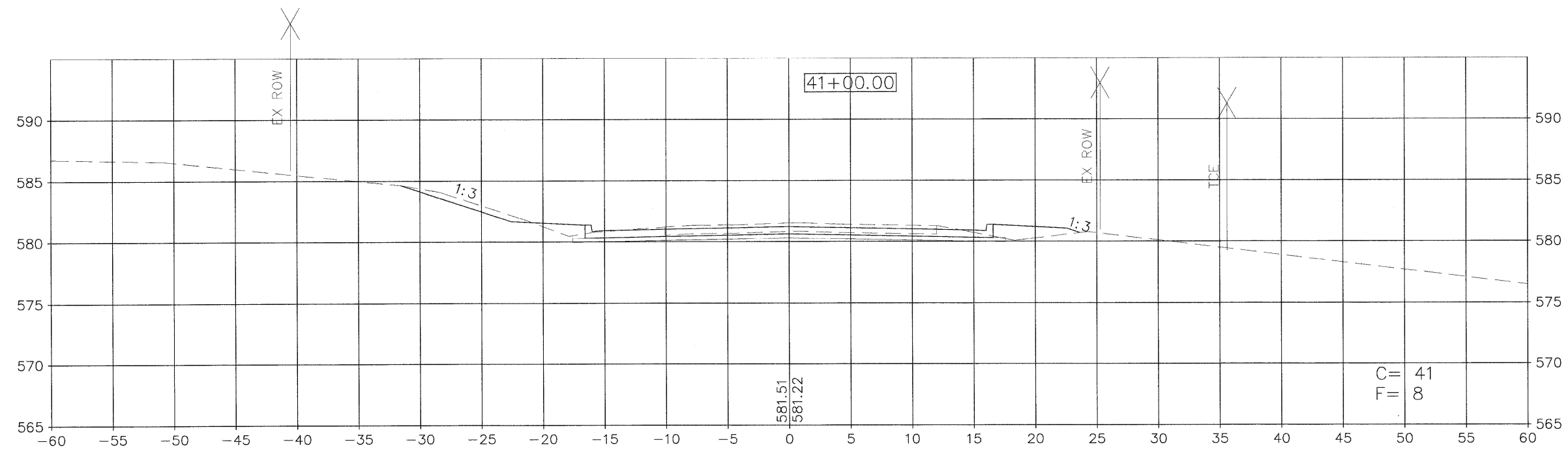
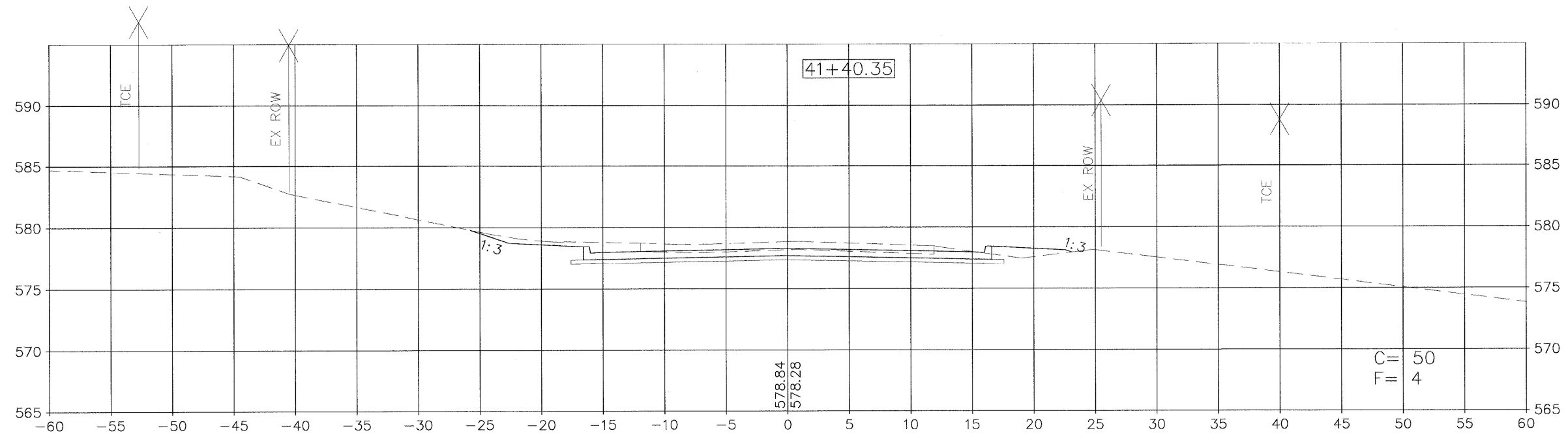


PE STA 40+38.17 LT



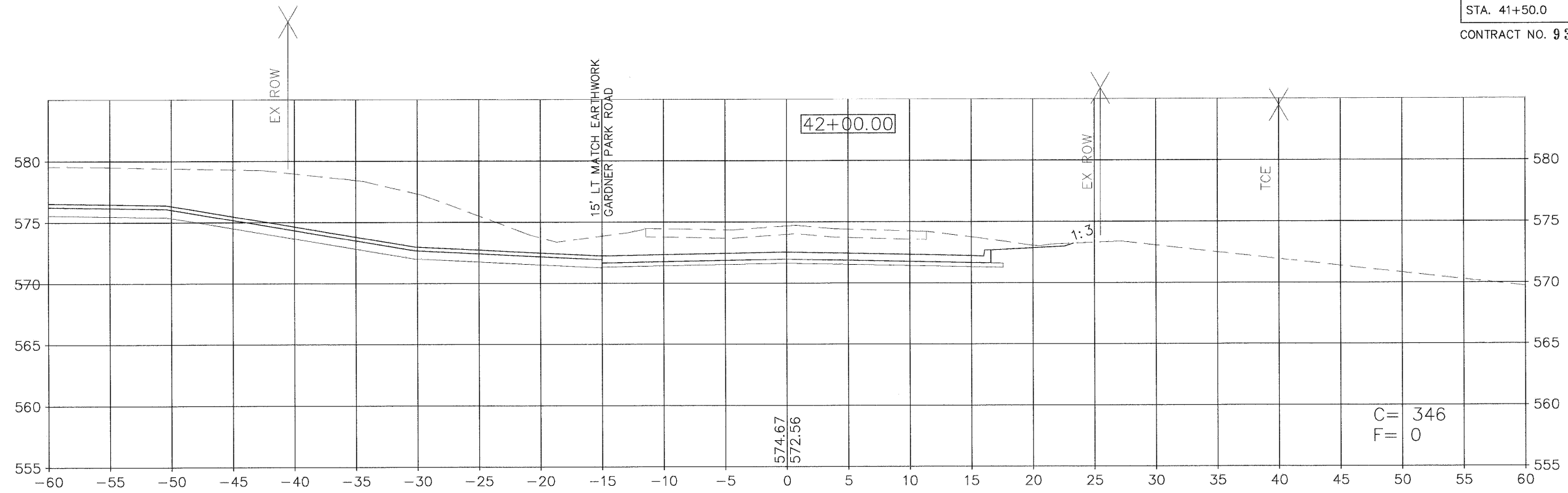
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	65
STA. 41+00.0		TO STA. 41+40.4		

CONTRACT NO. 93542

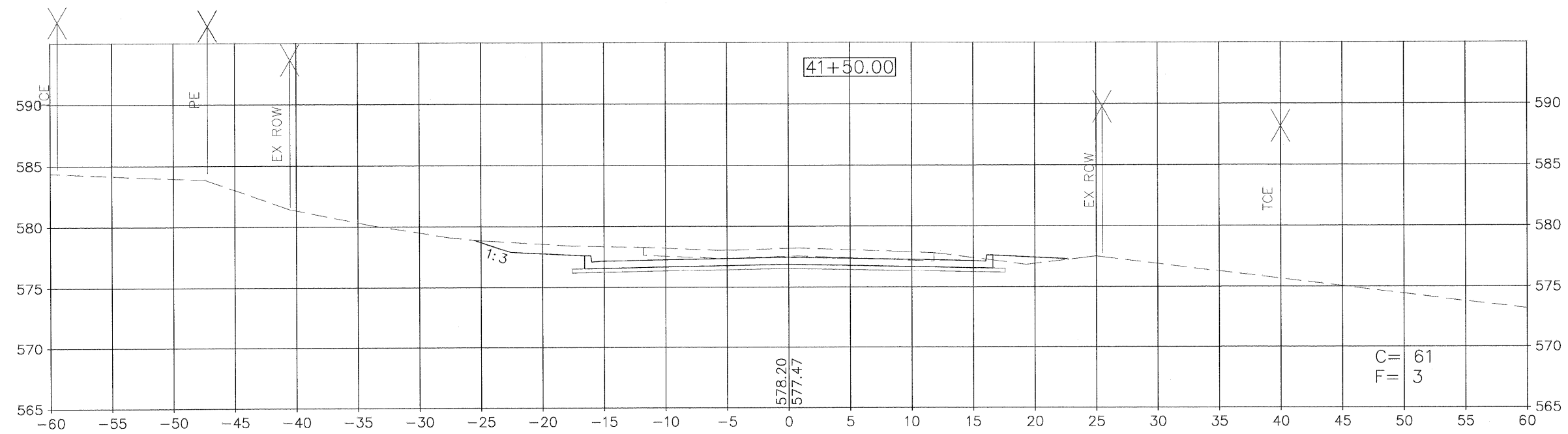


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	66
STA. 41+50.0		TO STA. 42+00.0		

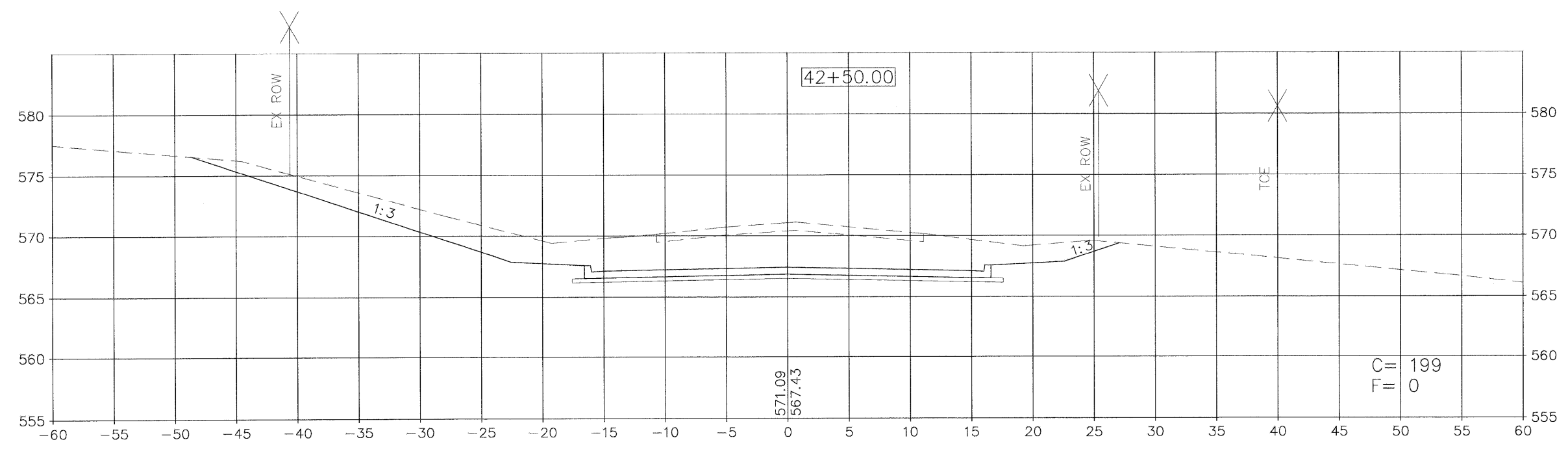
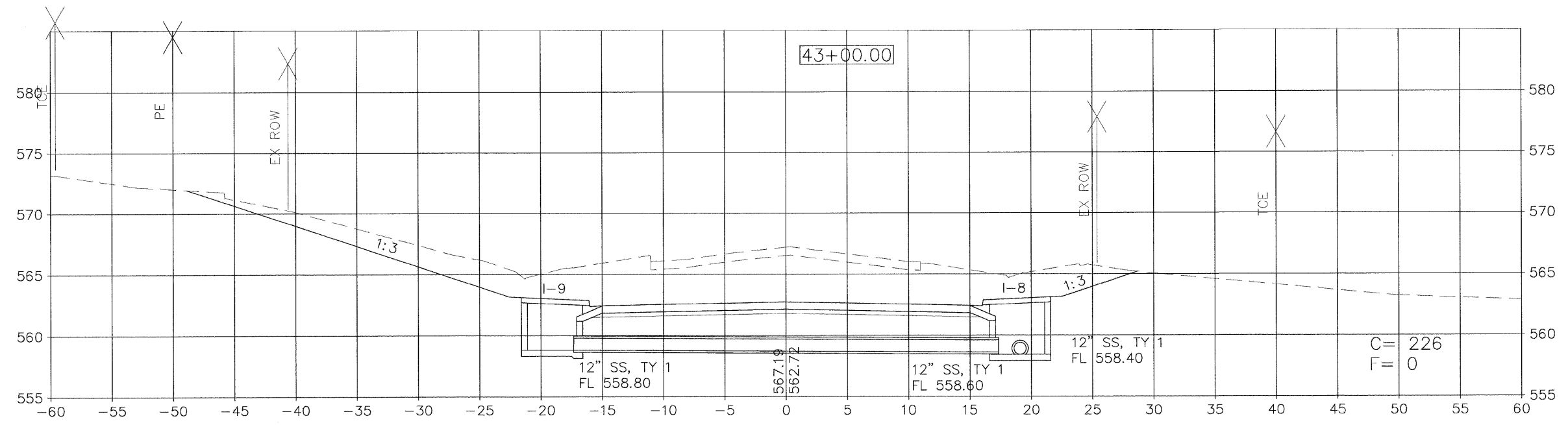
CONTRACT NO. 93542



41+81.10 (5TH) = 10+00.00 (GARDNER PK RD)
SEE INTERSECTION DETAIL SHEET



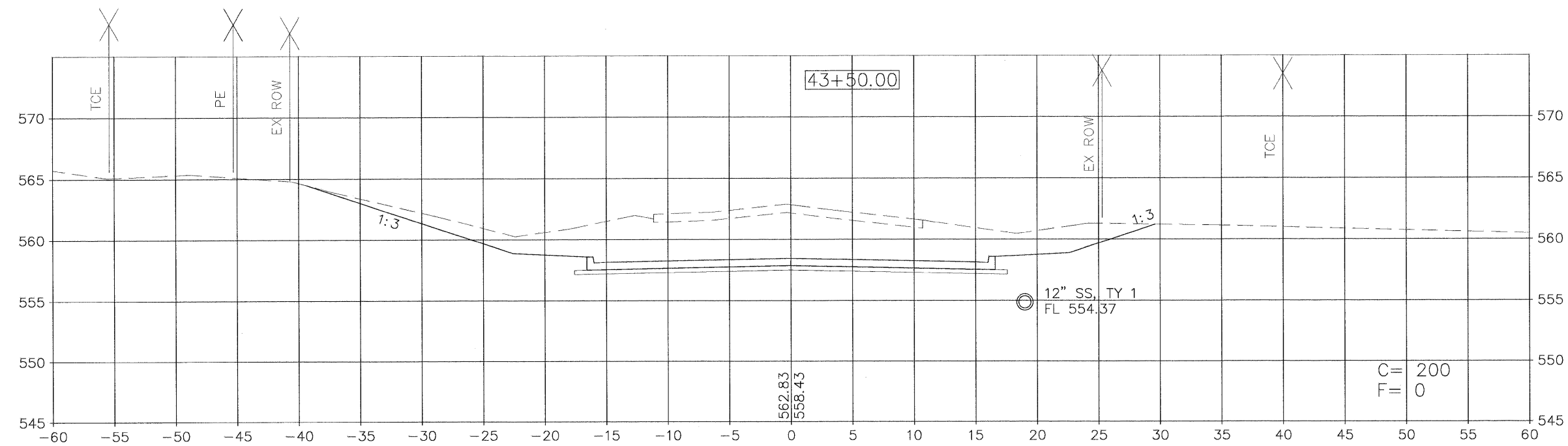
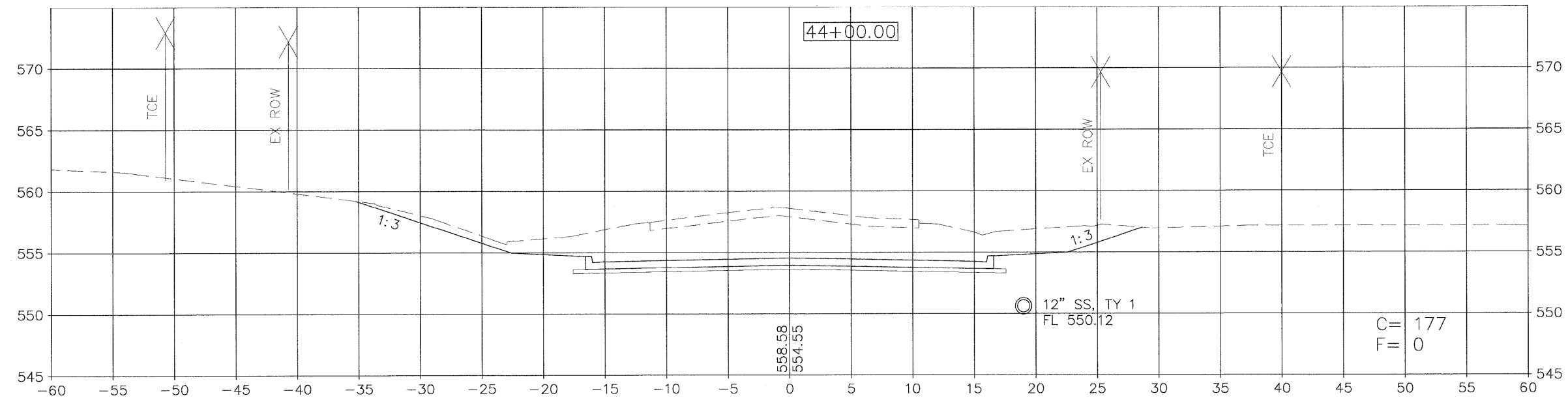
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	67
STA. 42+50.0		TO STA. 43+00.0		
CONTRACT NO. 93542				



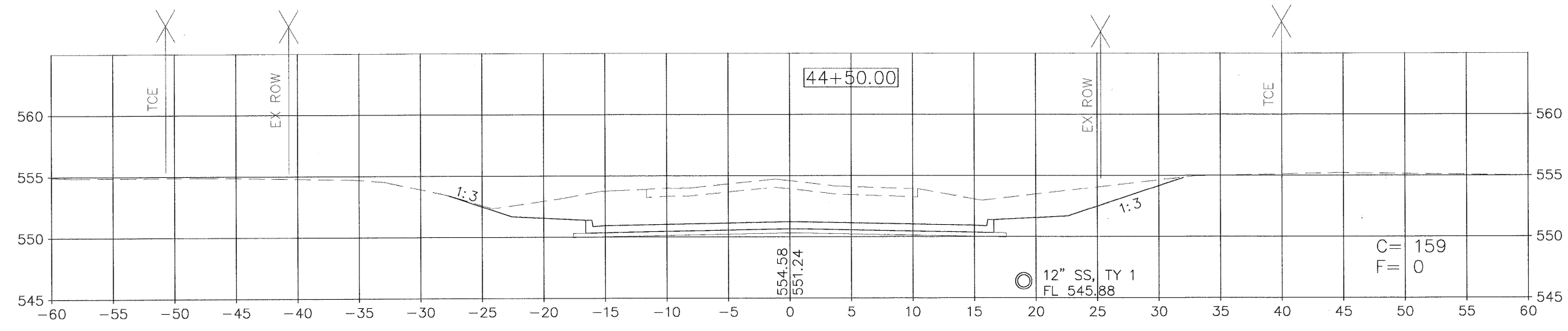
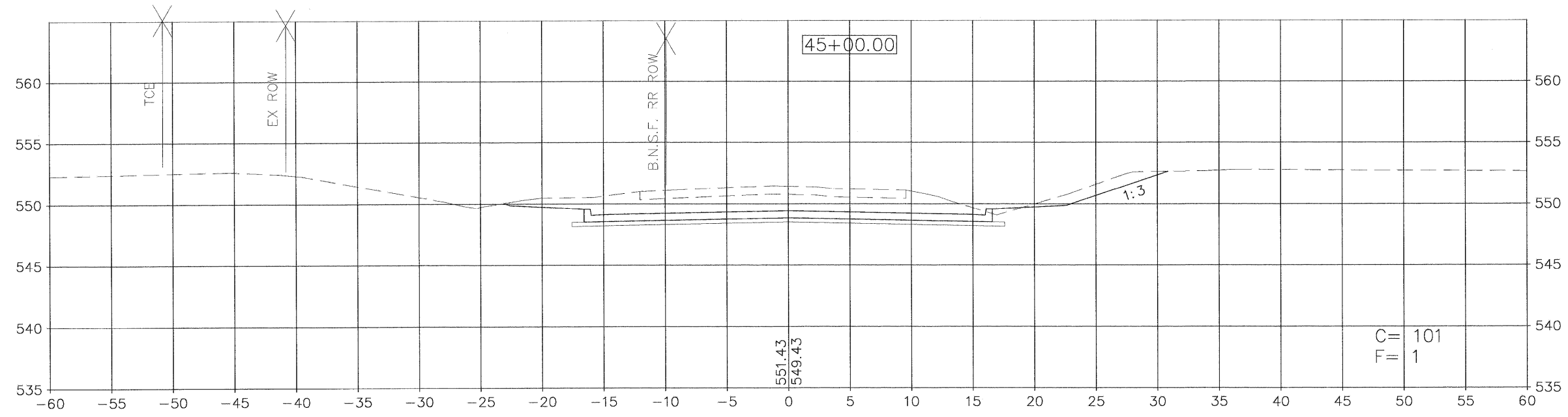
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	68

STA. 43+50.0 TO STA. 44+00.0

CONTRACT NO. 93542

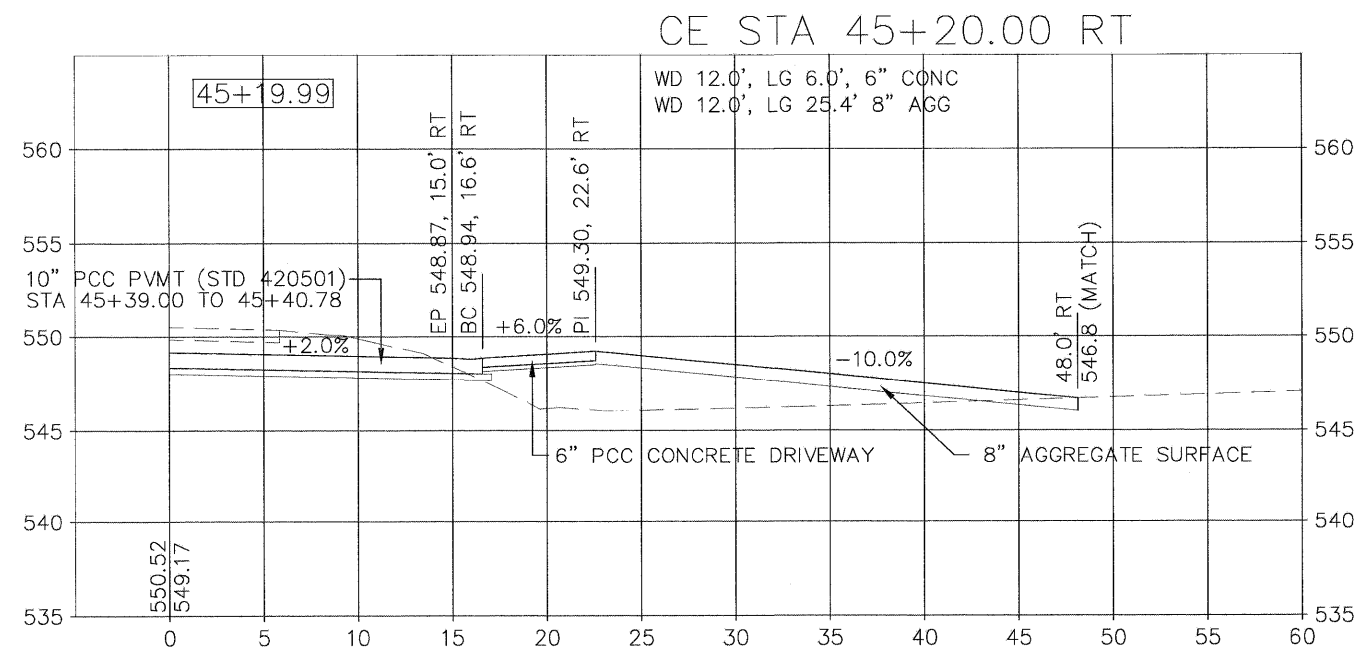
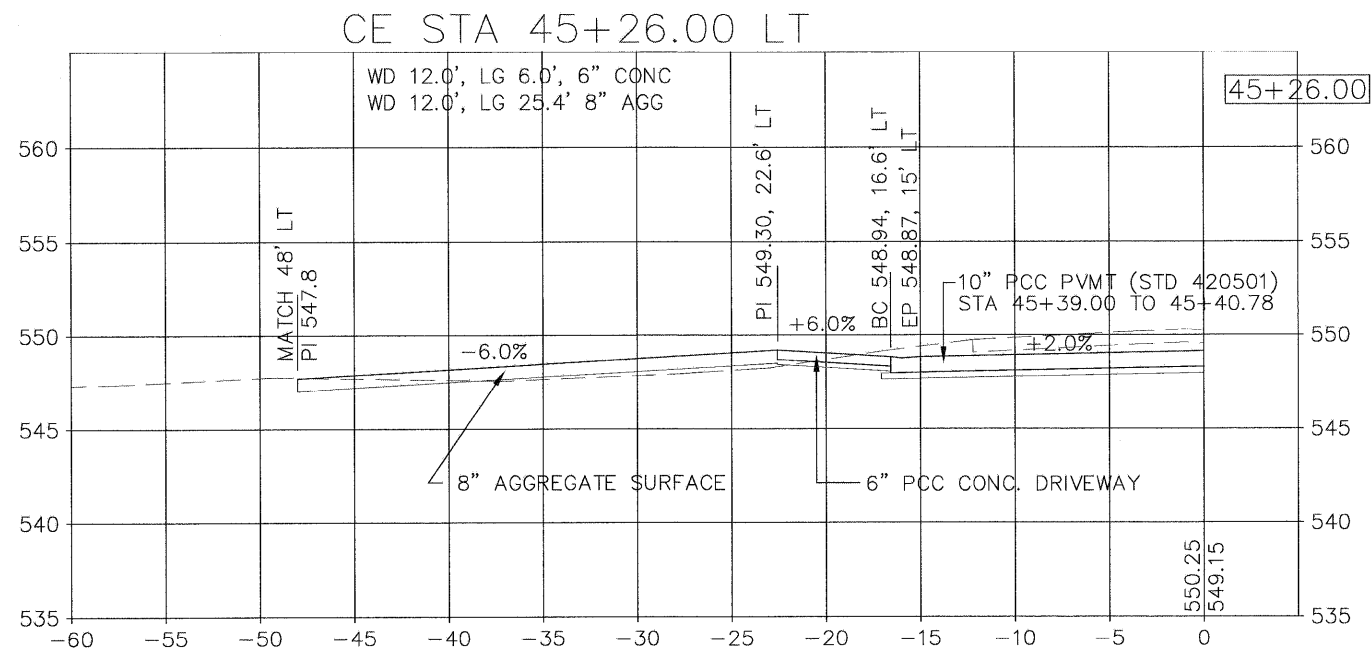


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	69
STA. 44+50.0		TO STA. 45+00.0		
CONTRACT NO. 93542				



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	70
STA. 45+20.0		TO STA. 45+26.0		

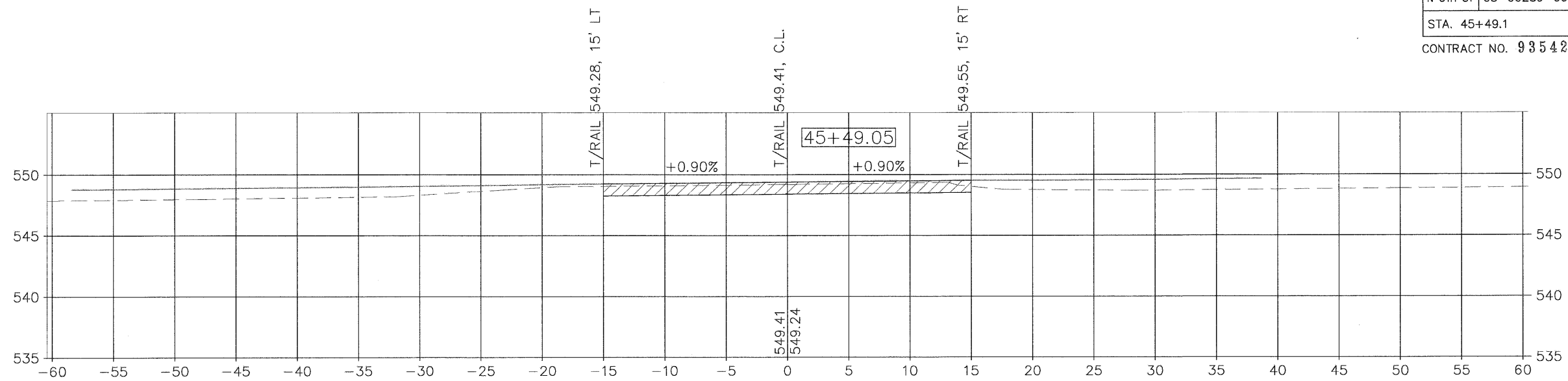
CONTRACT NO. 93542



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	71

STA. 45+49.1

CONTRACT NO. 93542



NOTE: THE TOP OF RAIL ELEVATIONS WERE OBTAINED ON NOVEMBER 2009. FIELD VERIFY TOP OF RAIL ELEVATIONS AT TIME OF CONSTRUCTION AND CONTACT ENGINEER FOR REQUIRED PROFILE ADJUSTMENTS TO MATCH TOP OF RAIL ELEVATIONS.

45+53.30

C= 30
F= 0

NOTE: STA. 45+40.78 TO STA. 45+57.32
CONCRETE PAVEMENT OMISSION FOR STANDARD 420501
PCC PAVEMENT ADJACENT TO RAILROAD GRADE CROSSING

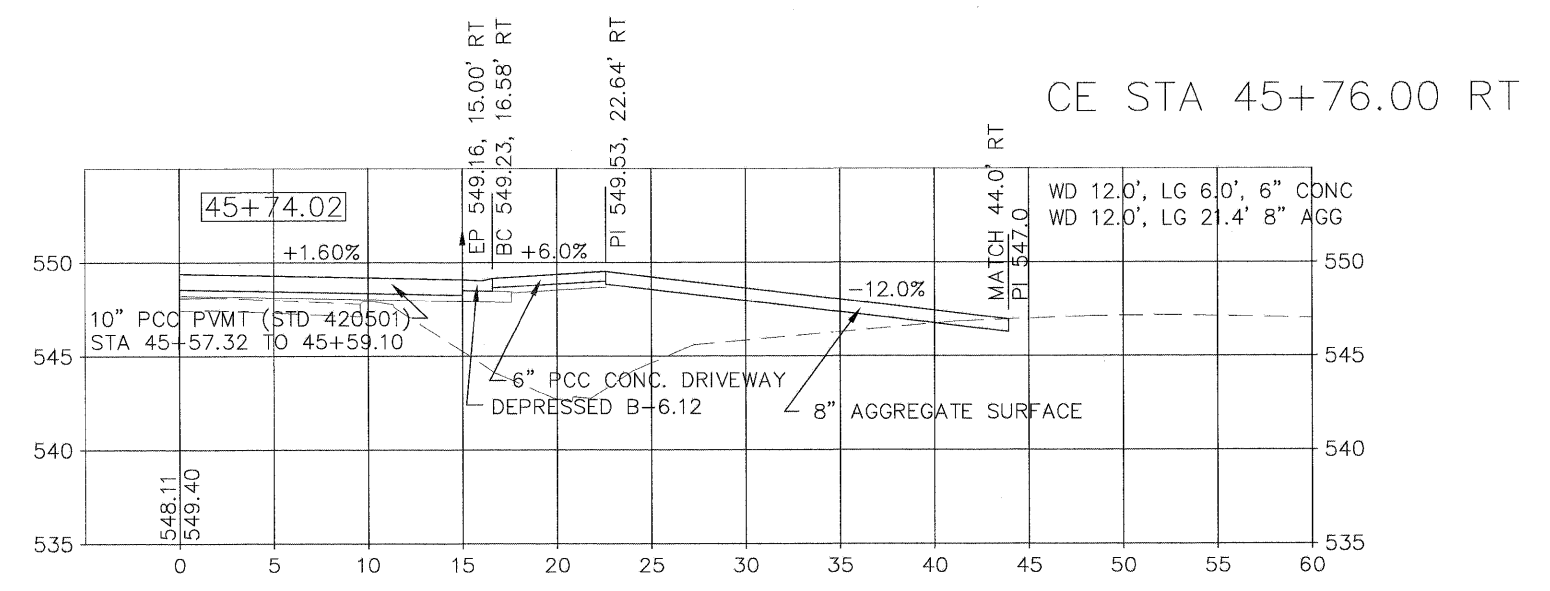
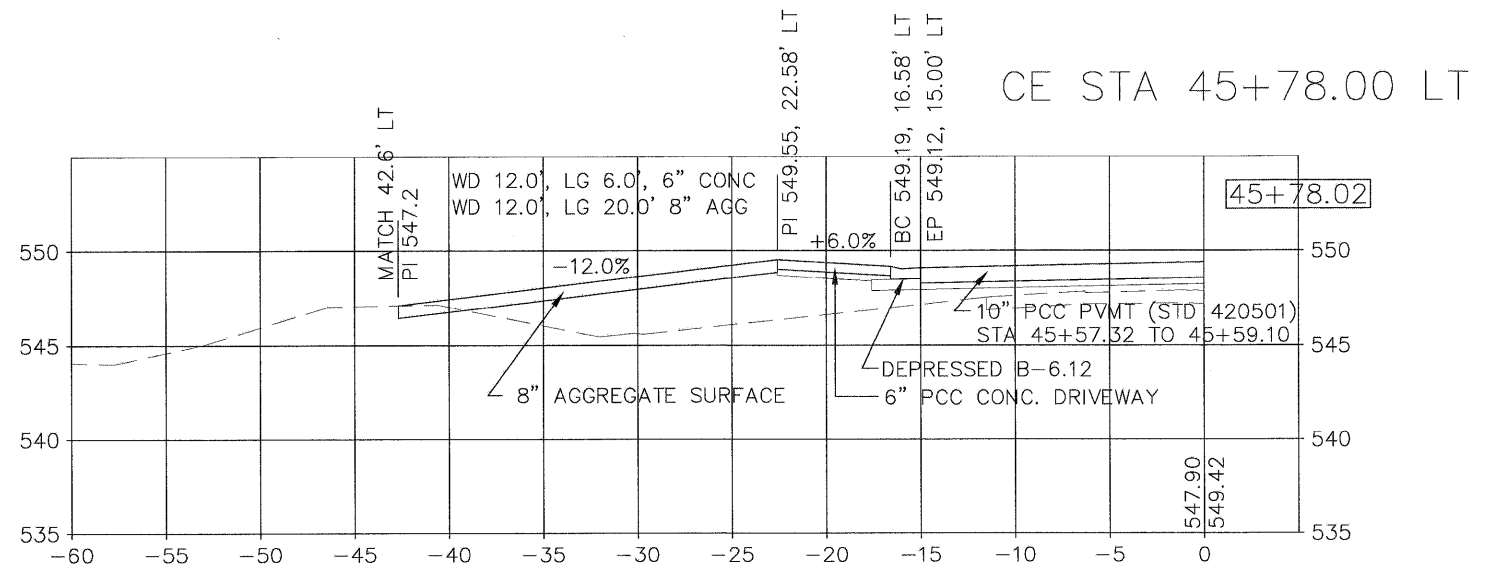
45+44+80

C= 30
F= 0

25-FT REMOVE ADVERSE CROWN TO MATCH TOP OF RAIL
STA. 45+19.77 (NORMAL CROWN) TO STA. 45+44.77 (FULL S.E.)
STA. 45+53.29 (FULL S.E.) TO STA. 45+78.29 (NORMAL CROWN)

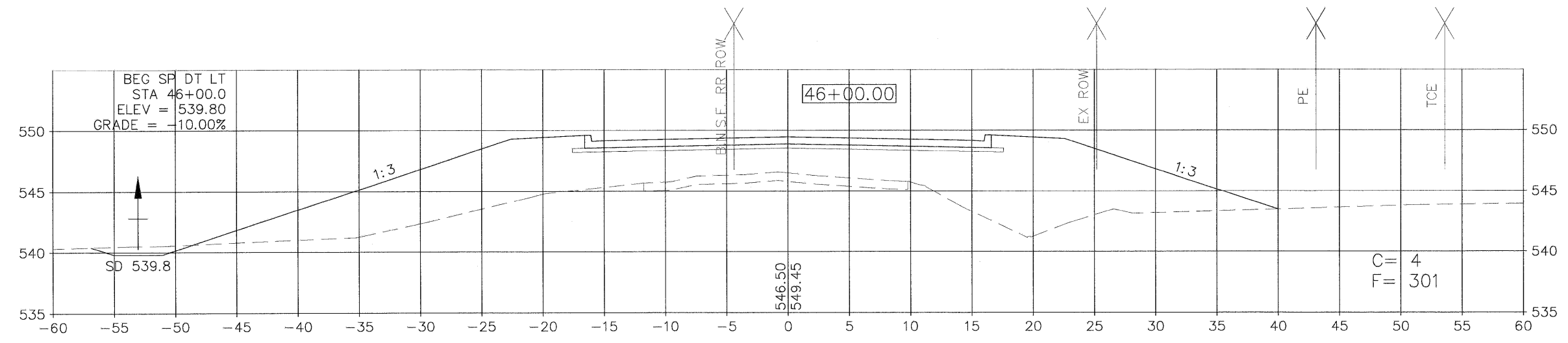
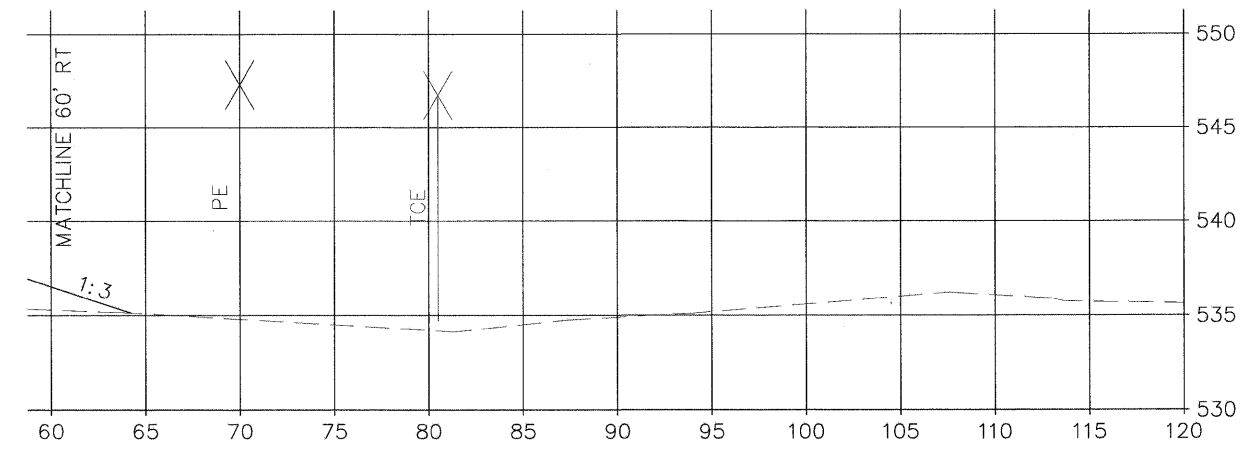
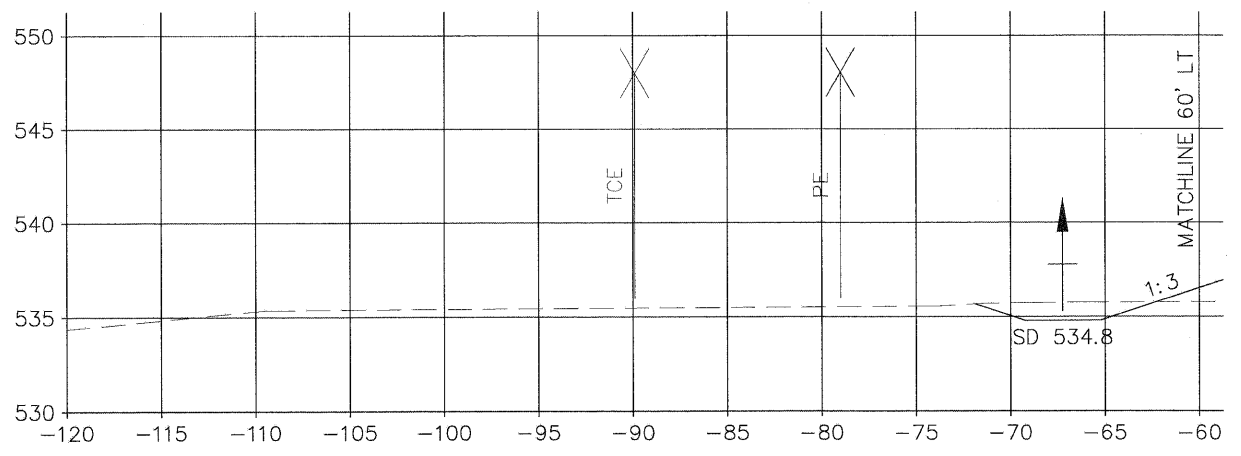
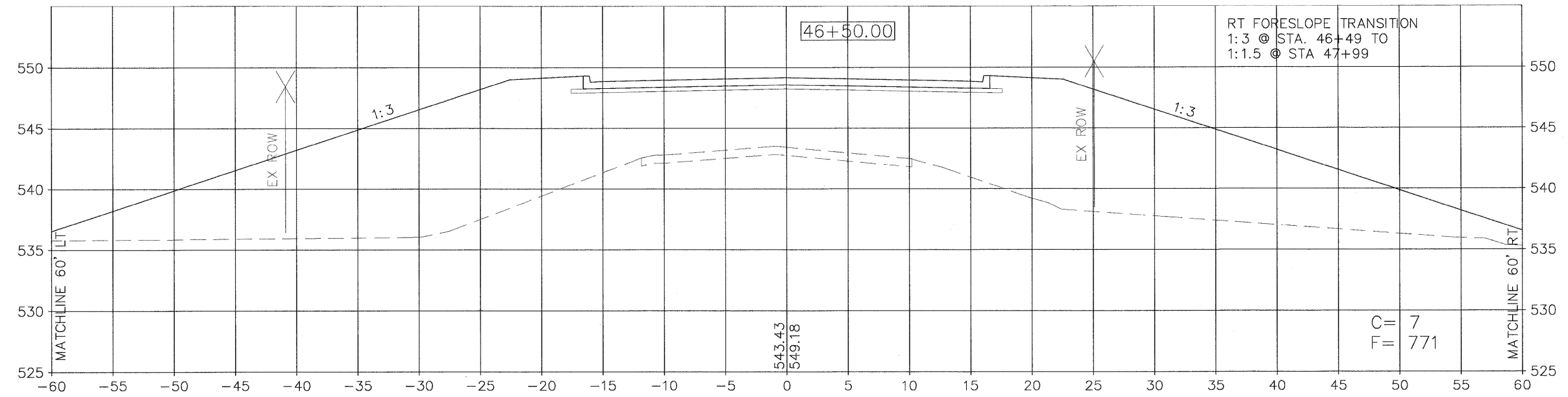
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	72
STA. 45+76.0		TO STA. 45+78.0		

CONTRACT NO. 93542

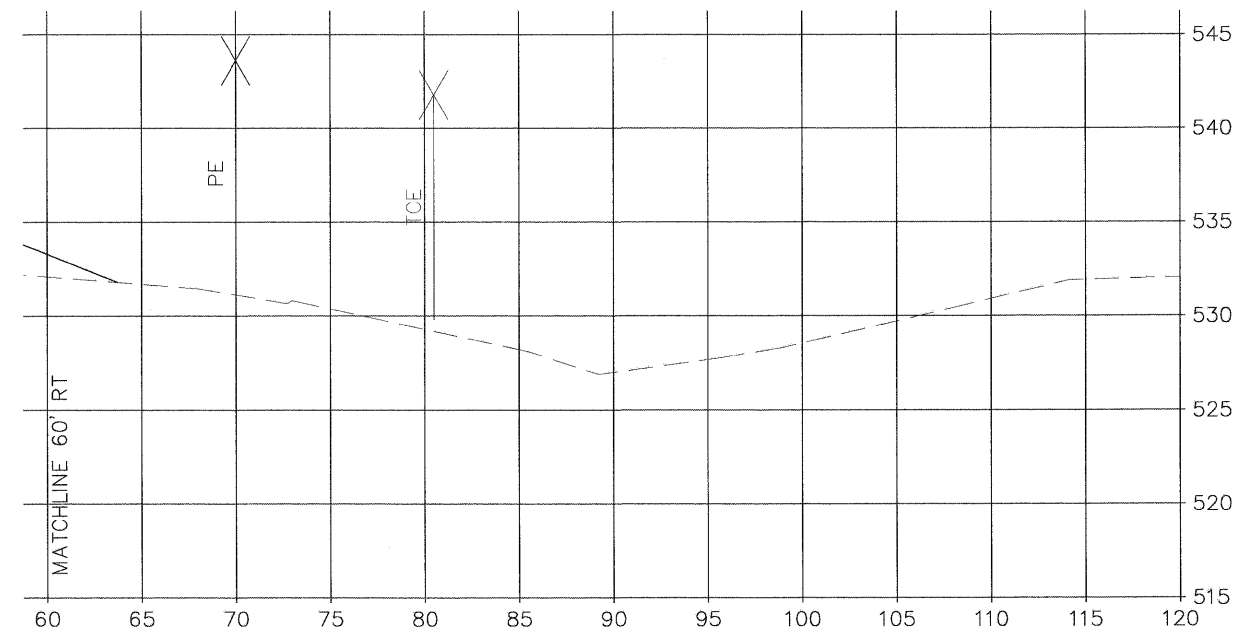
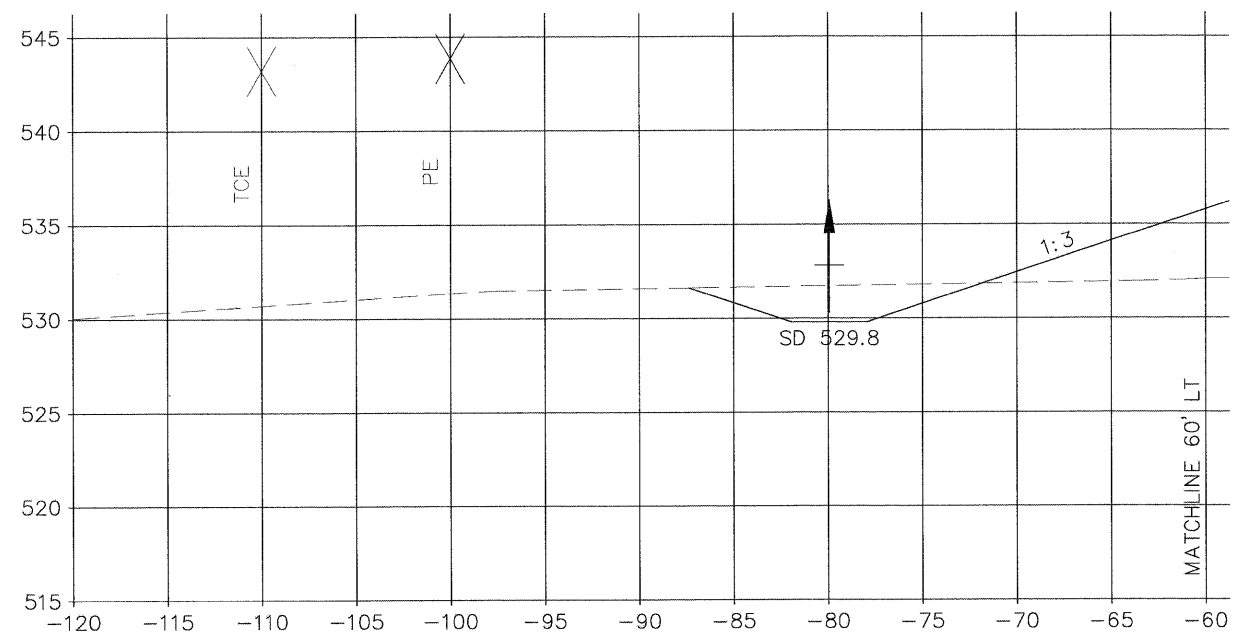
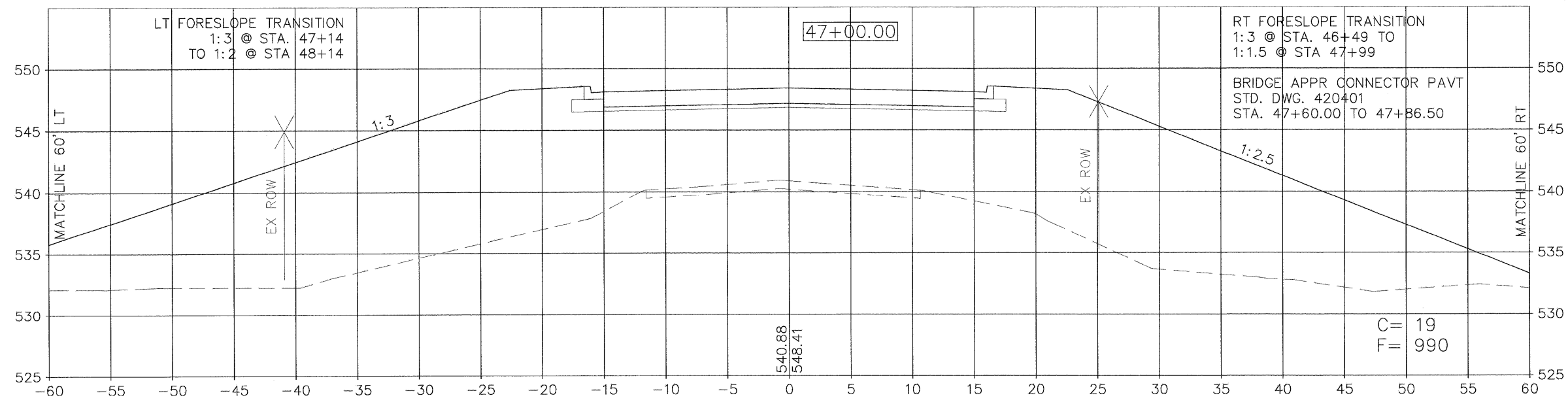


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	73
STA. 46+00.0		TO STA. 46+50.0		

CONTRACT NO. 93542



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	74
STA. 47+00.0				
CONTRACT NO. 93542				



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	75

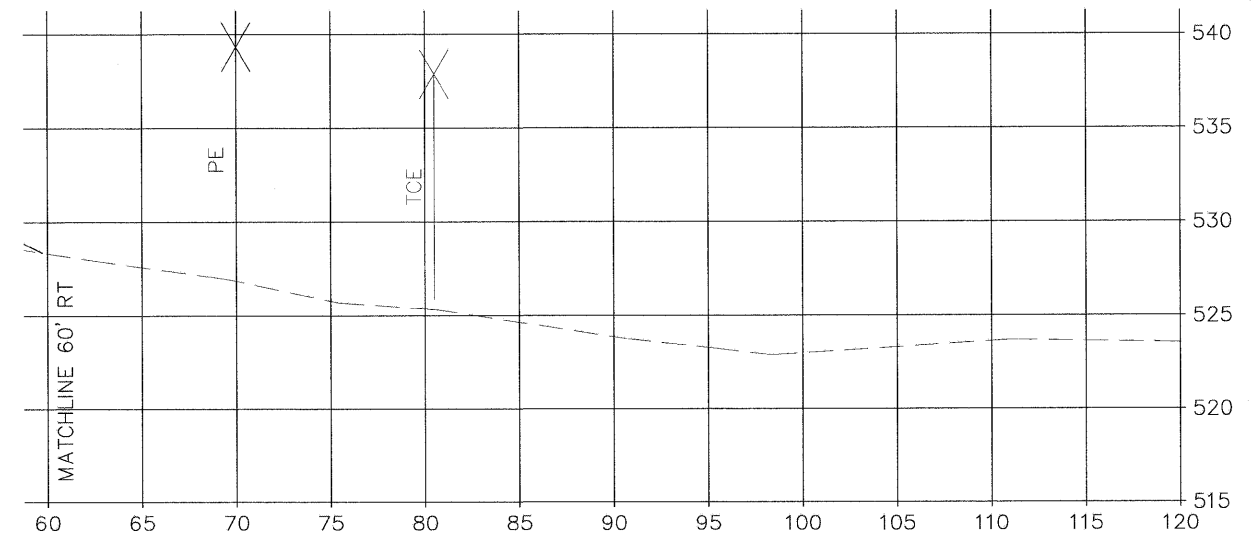
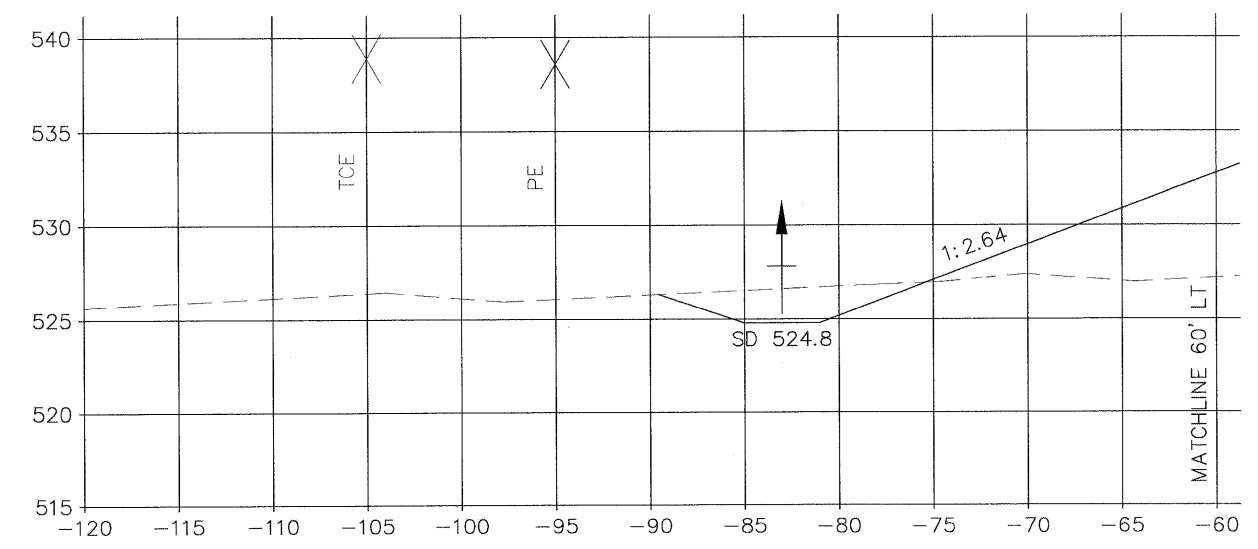
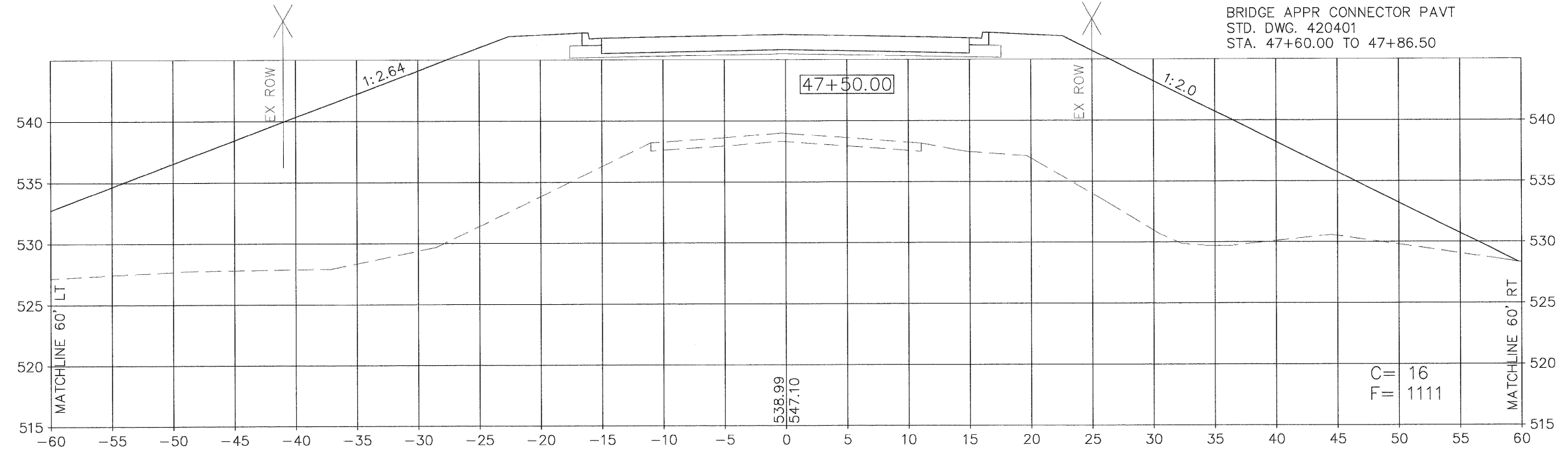
STA. 47+50.0

CONTRACT NO. 93542

LT FORESLOPE TRANSITION
 1:3 @ STA. 47+14
 TO 1:2 @ STA 48+14

RT FORESLOPE TRANSITION
 1:3 @ STA. 46+49 TO
 1:1.5 @ STA 47+99

BRIDGE APPR CONNECTOR PAVT
 STD. DWG. 420401
 STA. 47+60.00 TO 47+86.50



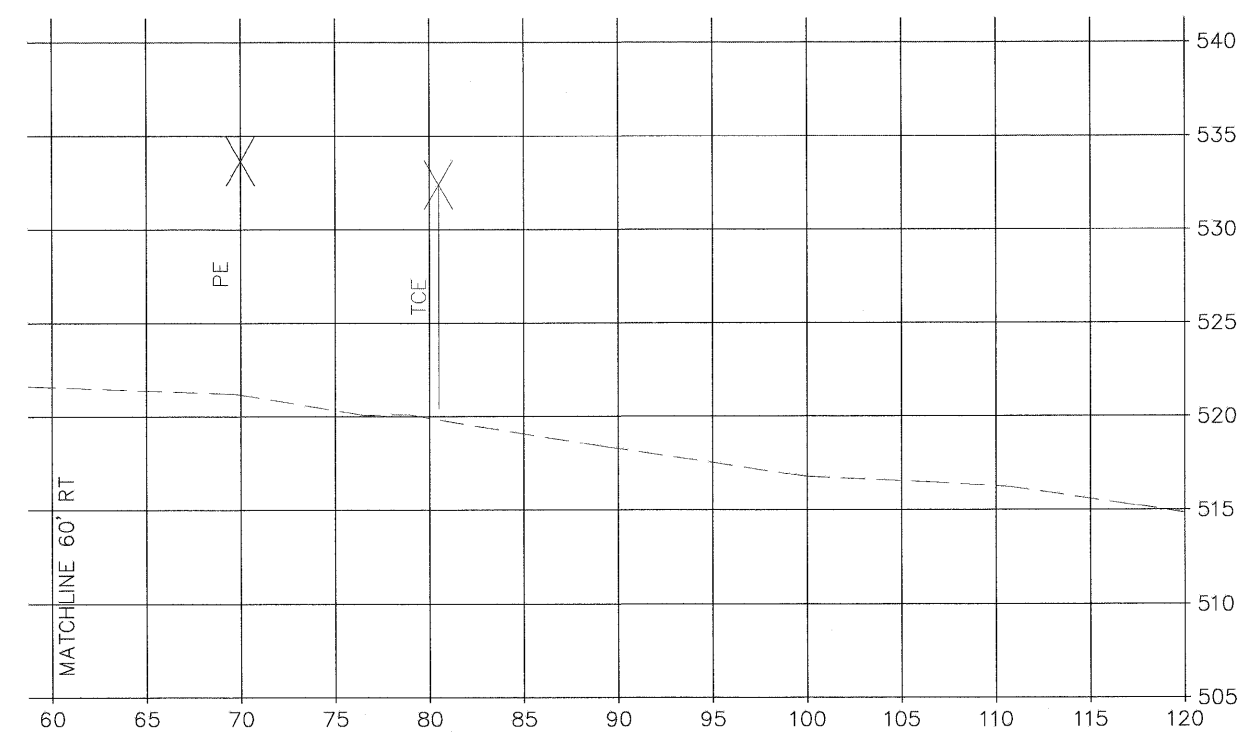
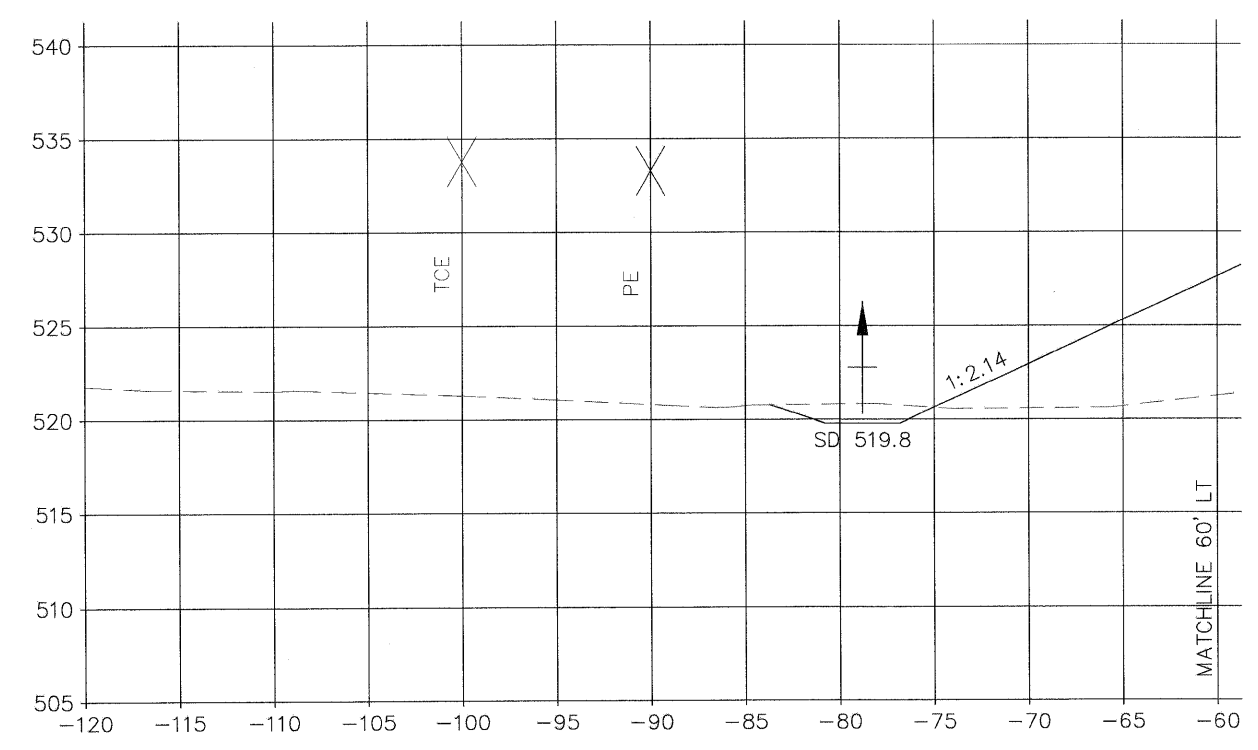
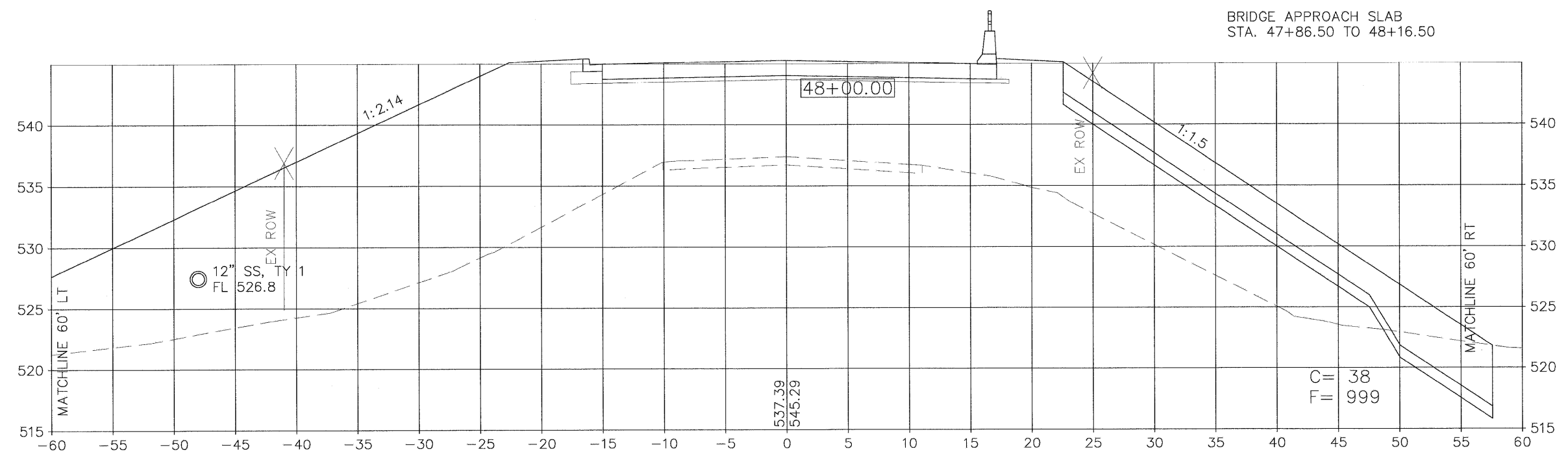
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	76

STA. 48+00.0

CONTRACT NO. 93542

LT FORESLOPE TRANSITION
 1:3 @ STA. 47+14
 TO 1:2 @ STA 48+14

RT FORESLOPE TRANSITION
 1:3 @ STA. 46+49 TO
 1:1.5 @ STA 47+99
 BRIDGE APPROACH SLAB
 STA. 47+86.50 TO 48+16.50

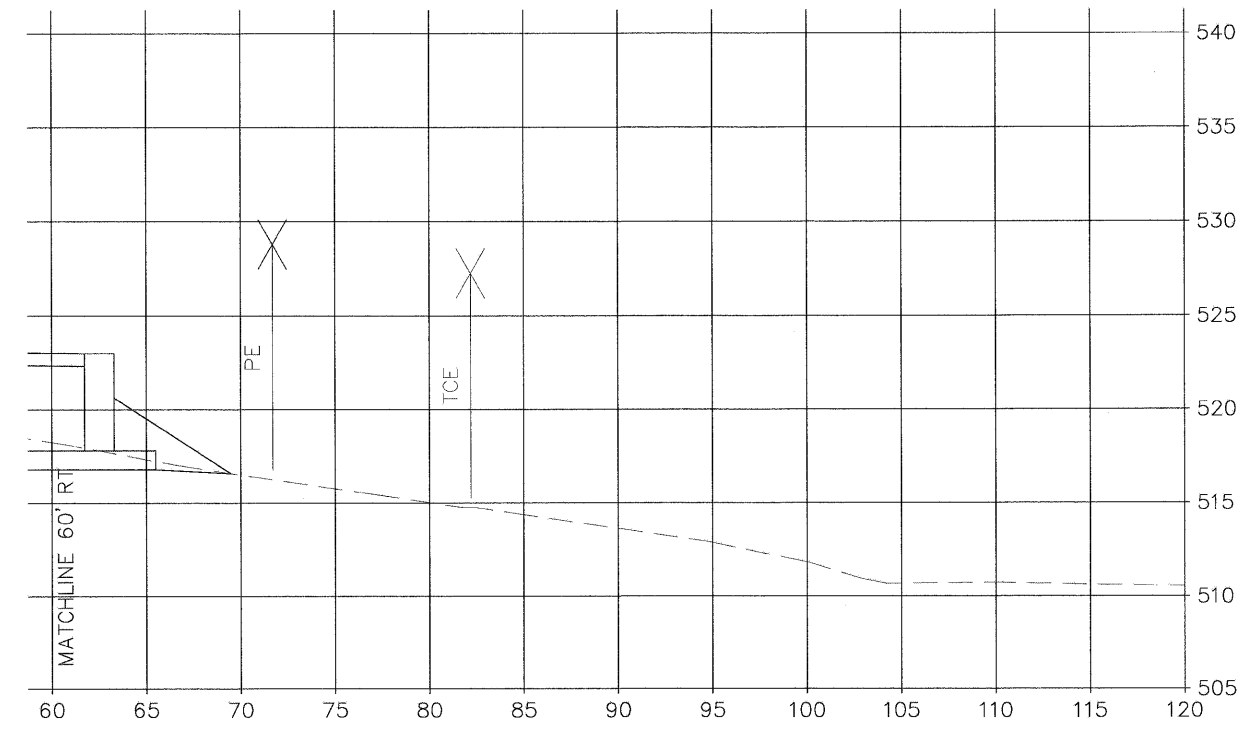
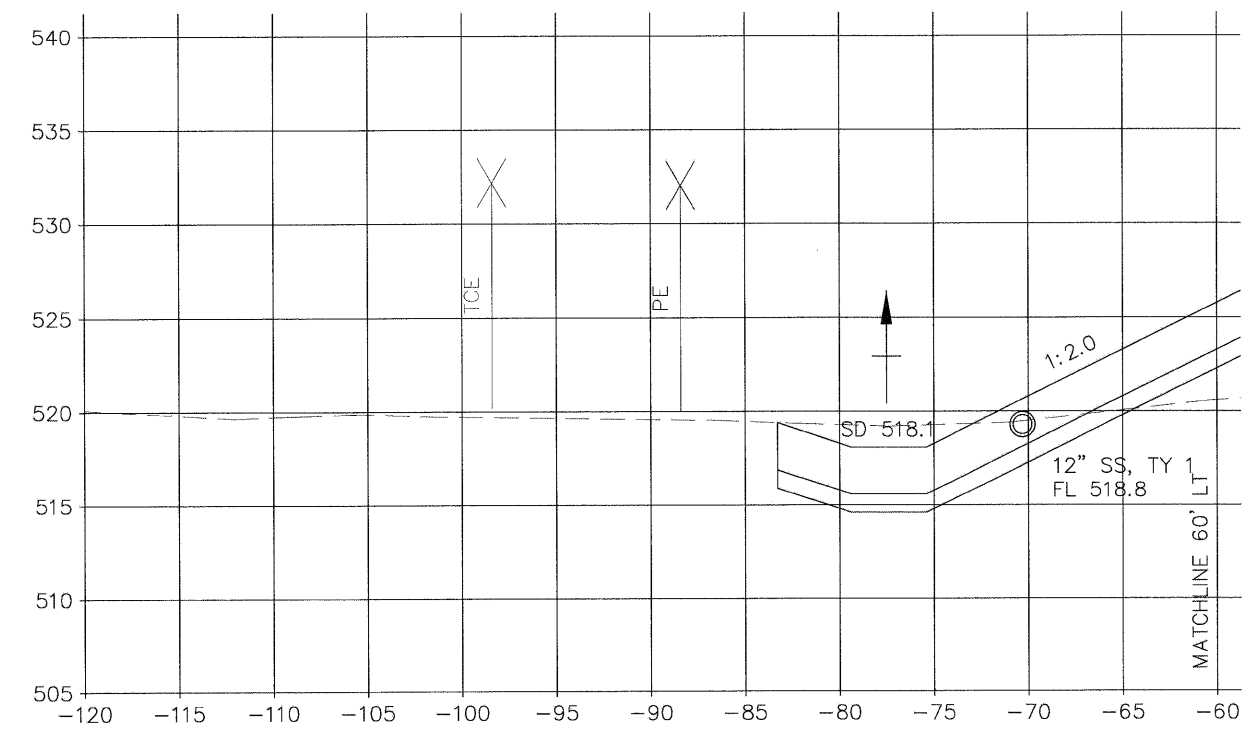
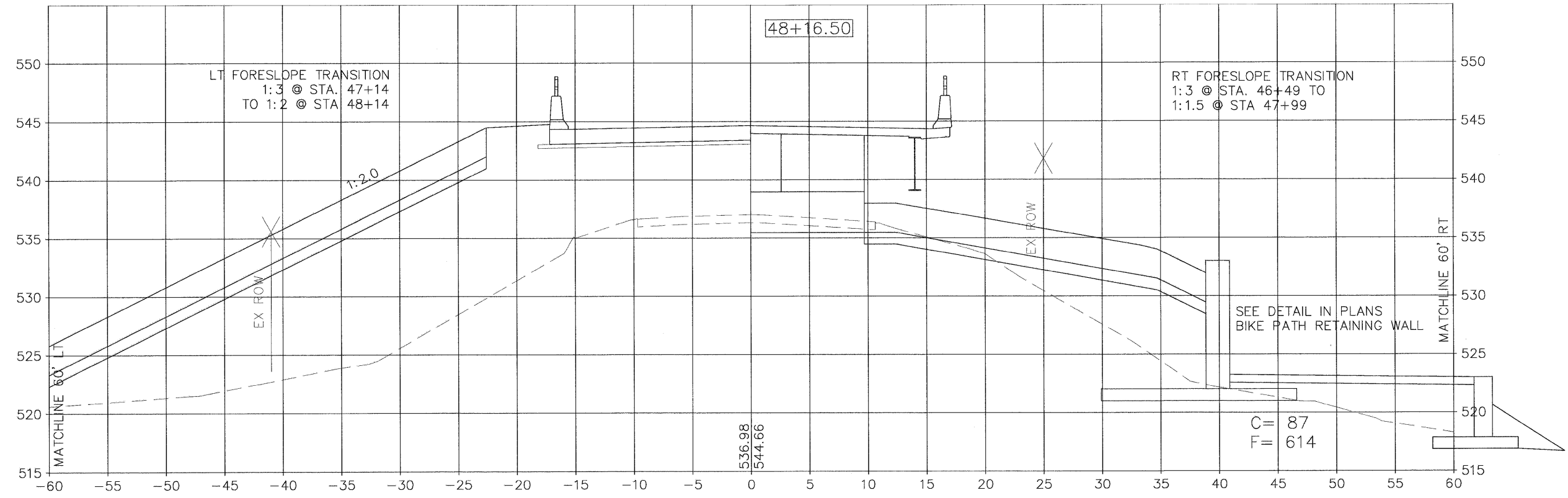


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	77

STA. 48+16.5

CONTRACT NO. 93542

BK. N. ABUTMENT
SN 001-6012

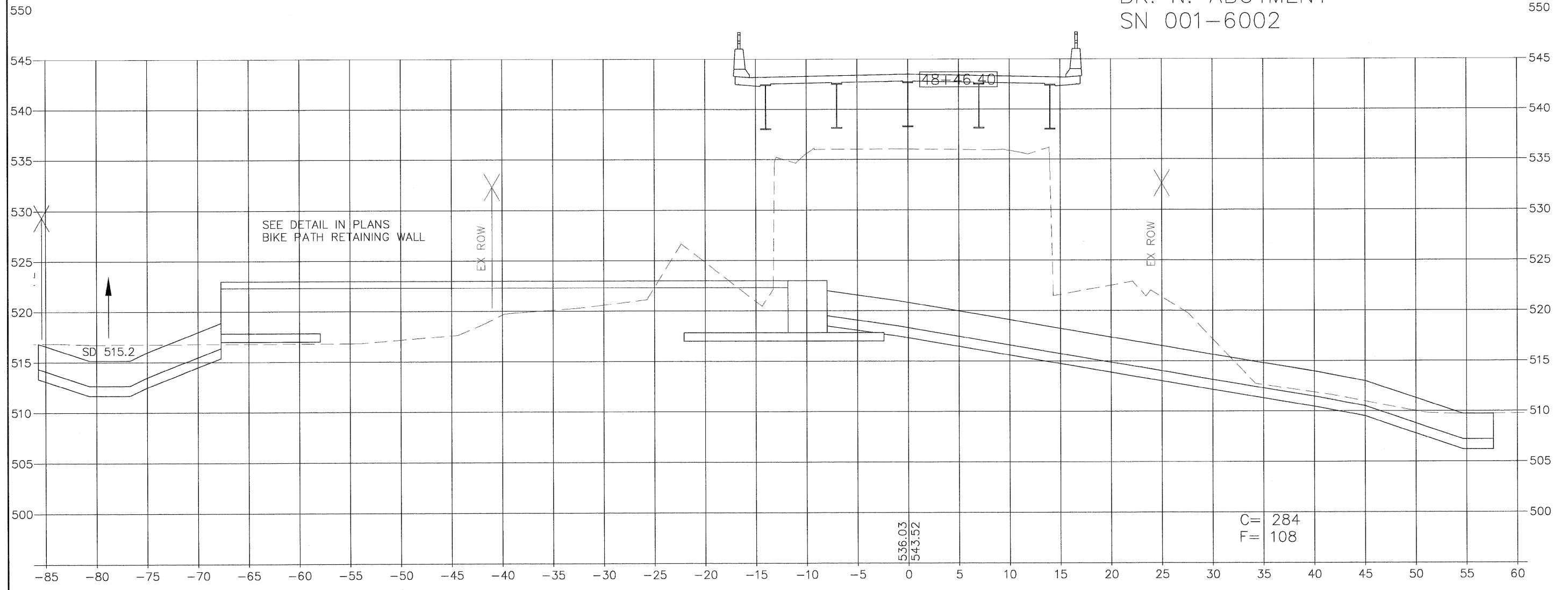


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	78

STA. 48+46.4

CONTRACT NO. 93542

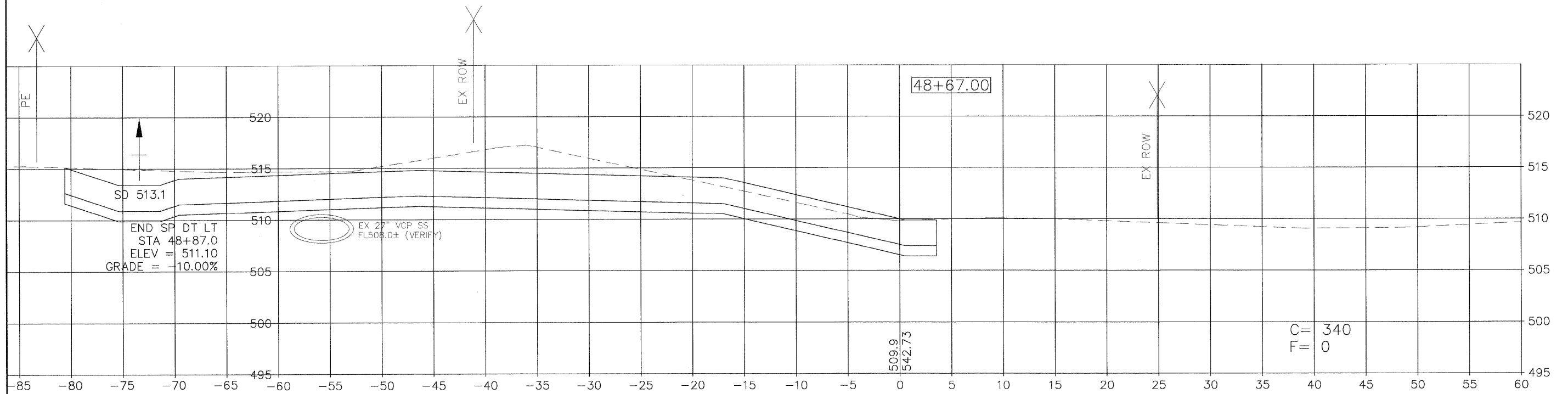
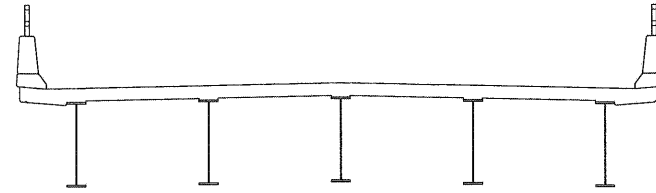
BK. N. ABUTMENT
SN 001-6002



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	79

STA. 48+67.0

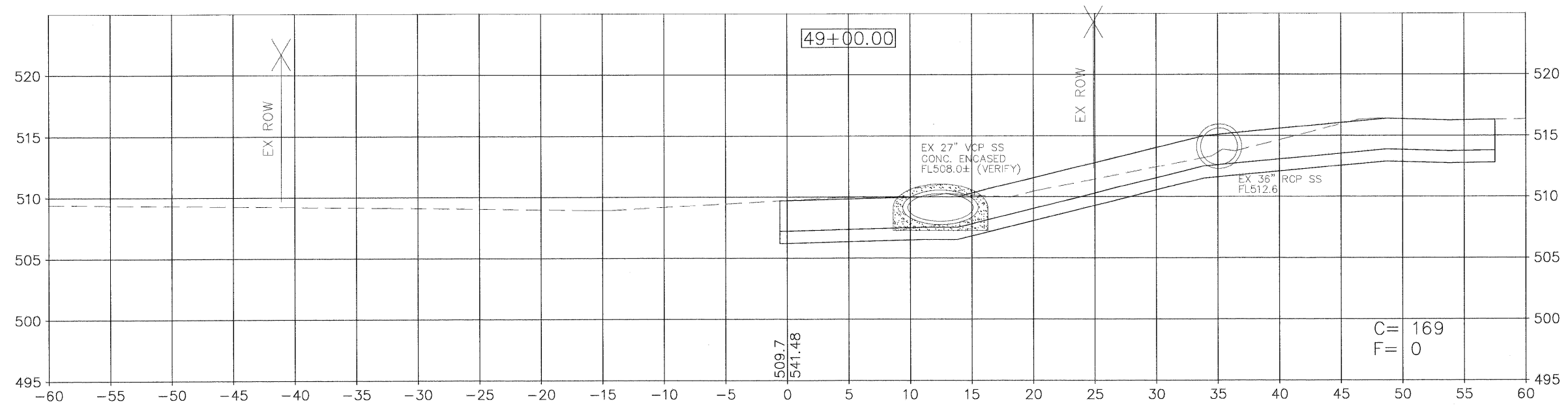
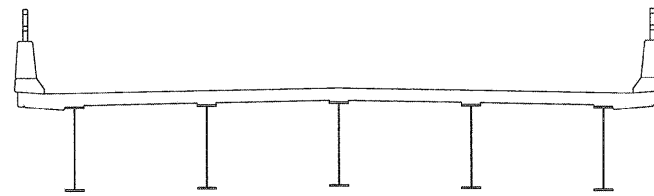
CONTRACT NO. 93542



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	80

STA. 49+00.0

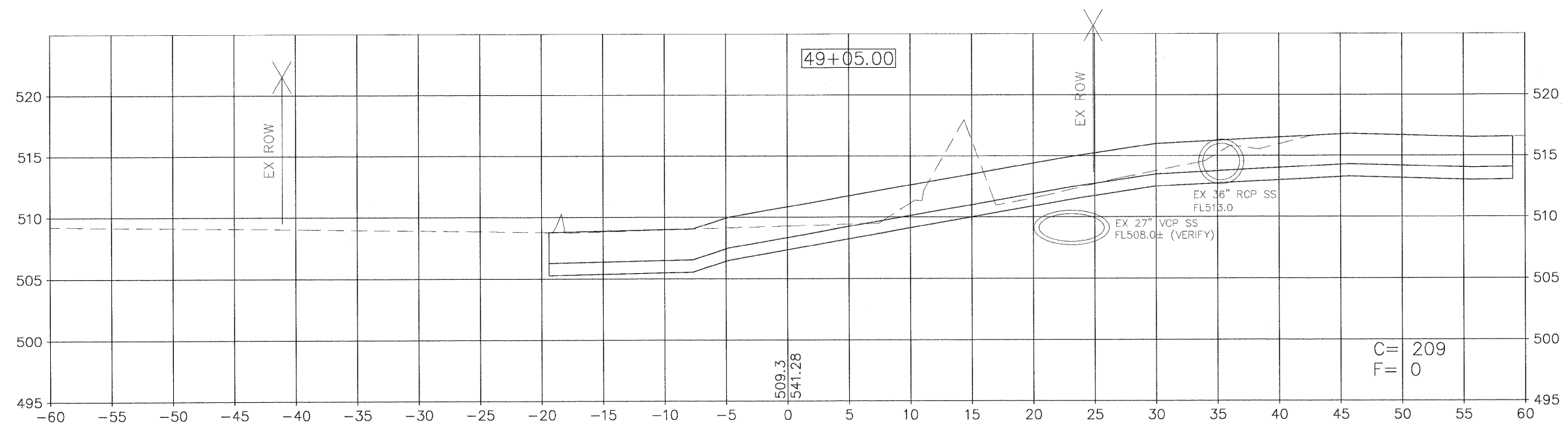
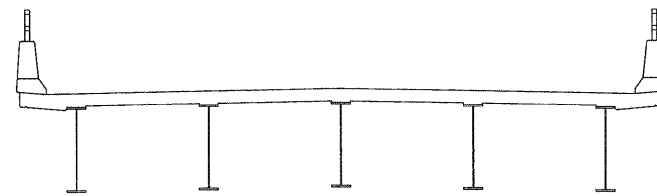
CONTRACT NO. 93542



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	81

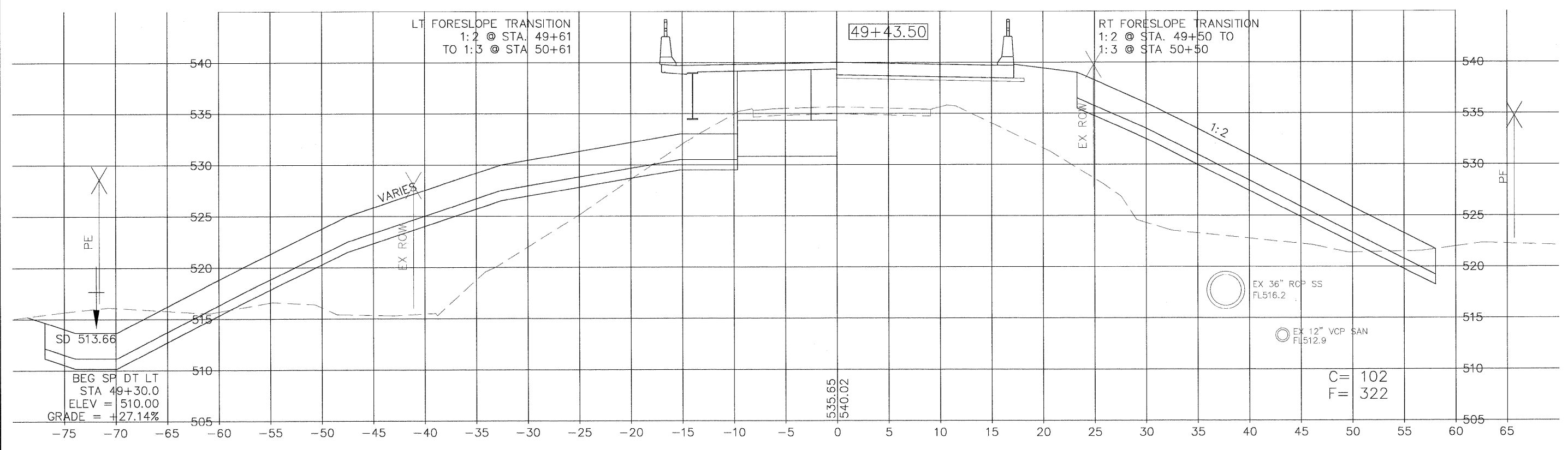
STA. 49+05.0

CONTRACT NO. 93542

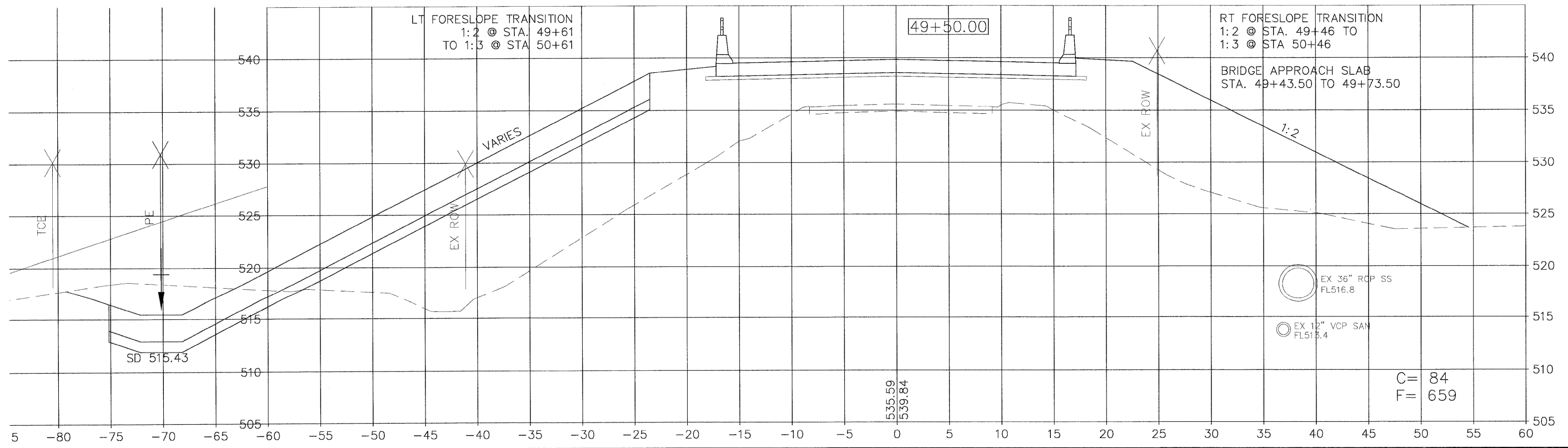
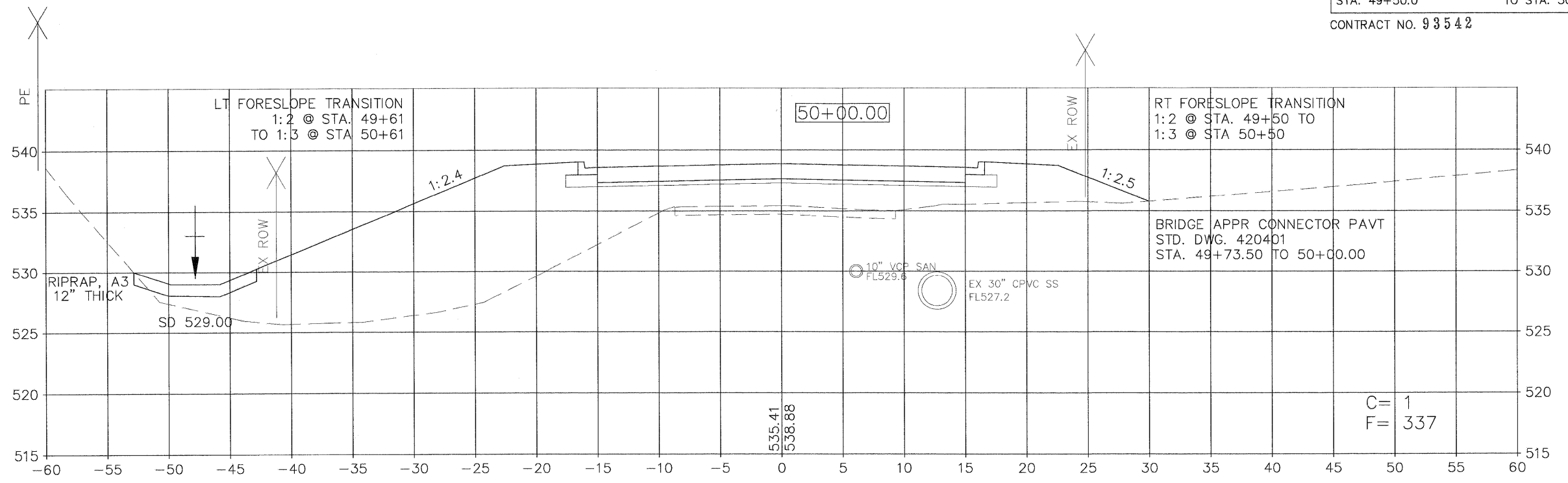


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	82
STA. 49+43.5				
CONTRACT NO. 93542				

BK. S. ABUTMENT
SN 001-6012

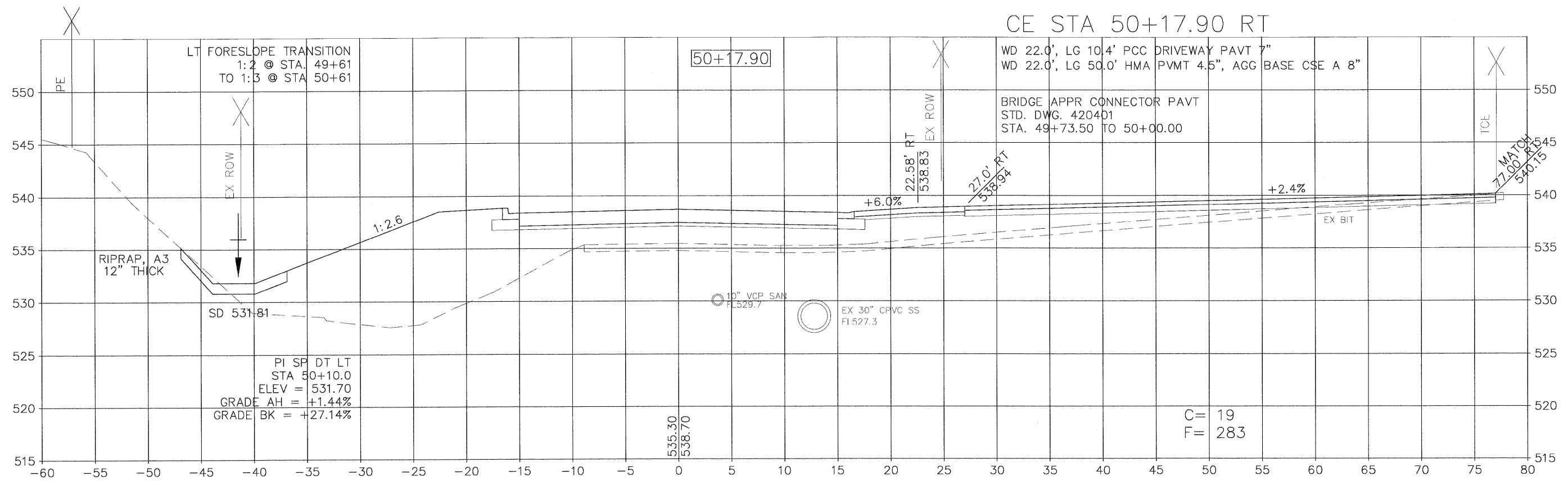
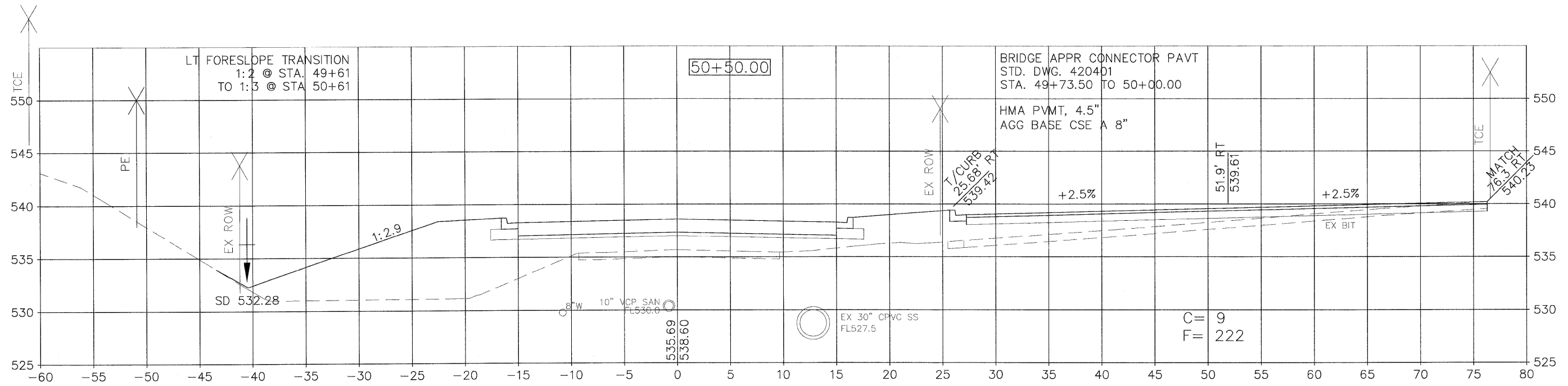


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	83
STA. 49+50.0		TO STA. 50+00.0		
CONTRACT NO. 93542				

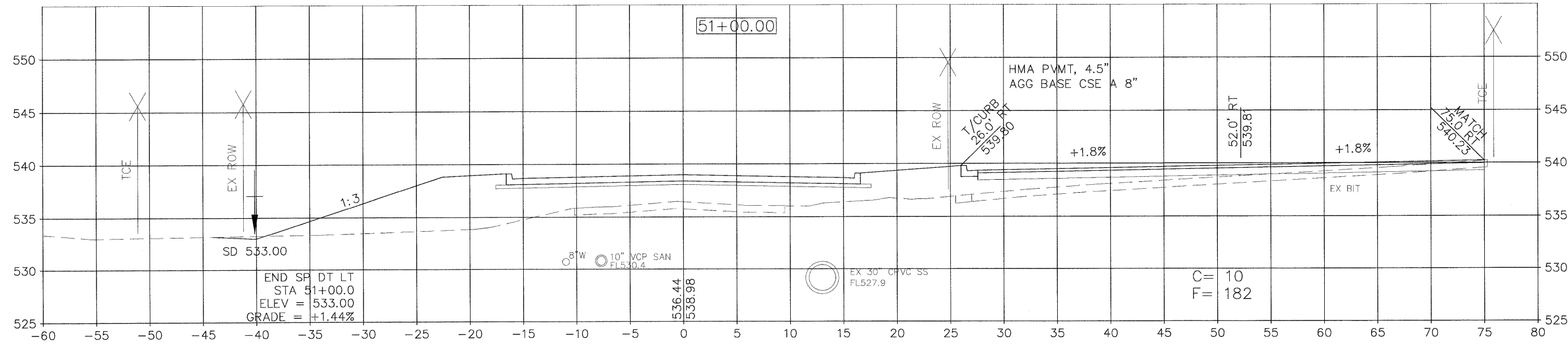
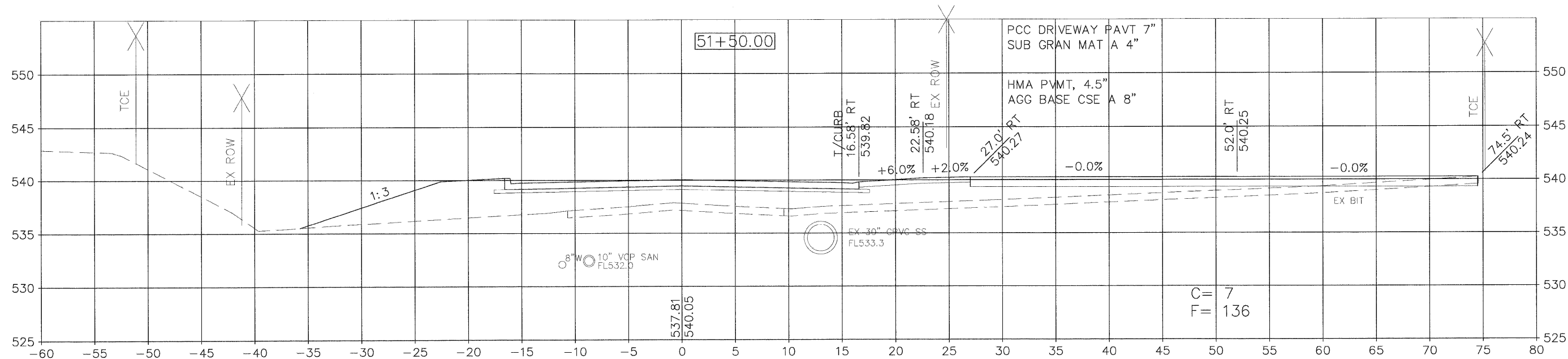


5th ST CROSS SECTIONS STA 49+50.0 TO STA 50+00.0

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	84
STA. 50+17.9		TO STA. 50+50.0		
CONTRACT NO. 93542				

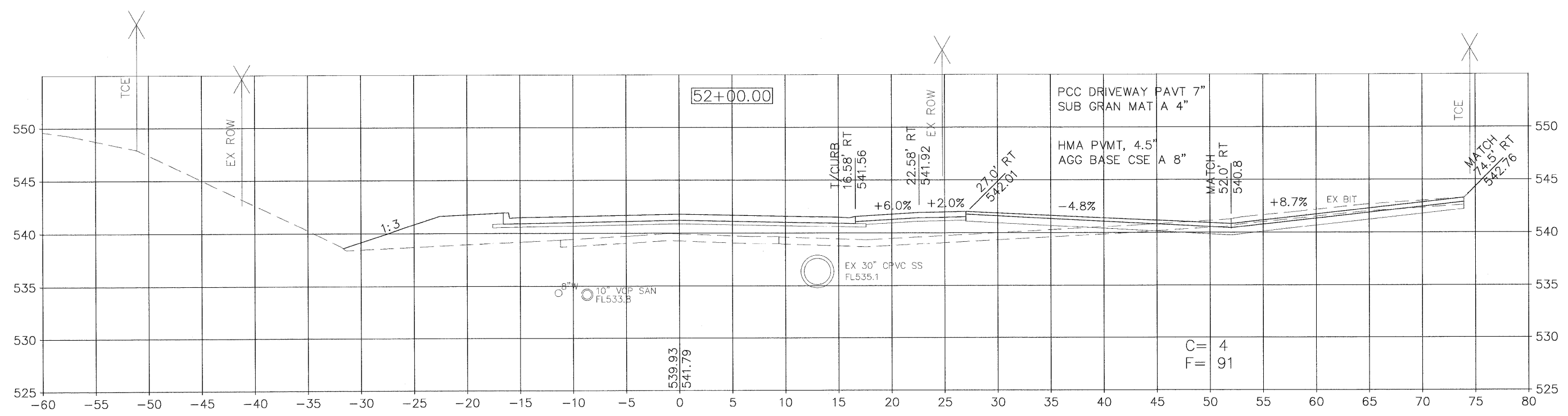
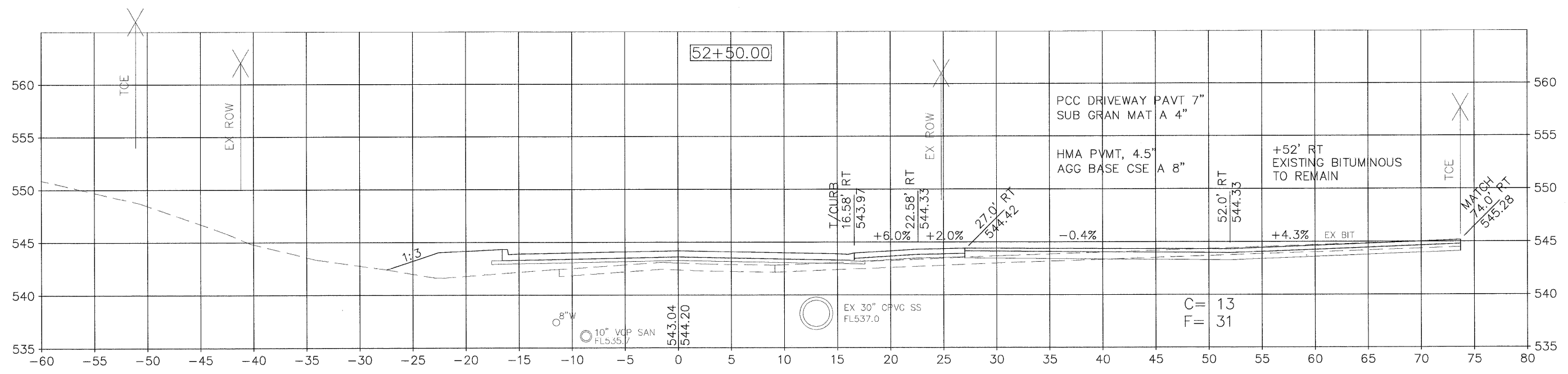


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	85
STA. 51+00.0		TO STA. 51+50.0		
CONTRACT NO. 93542				

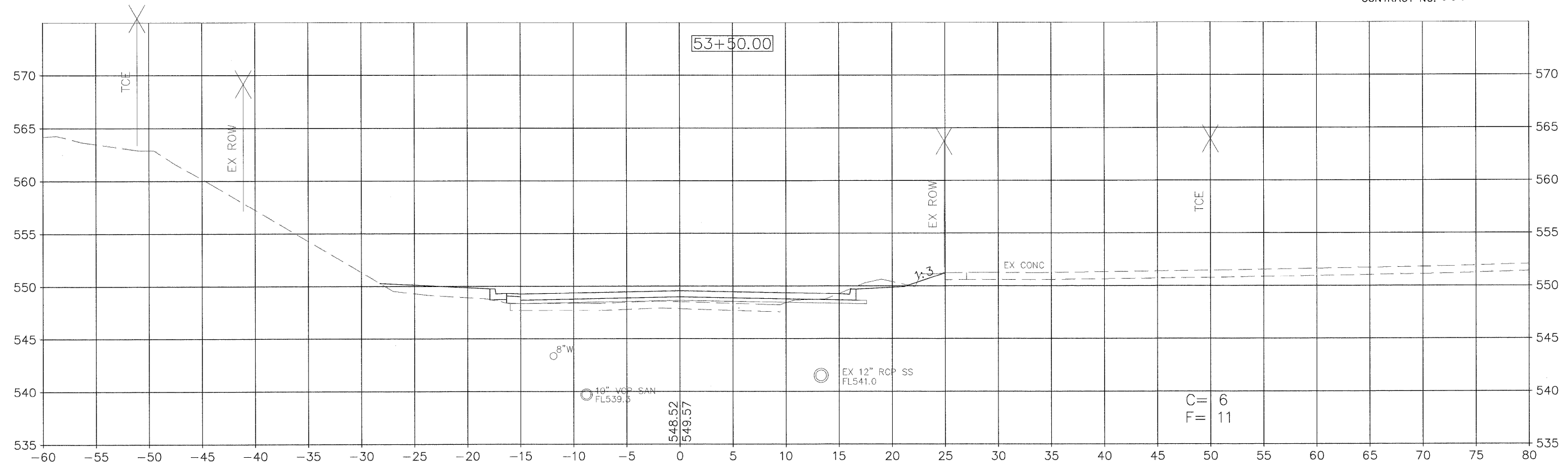


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	86
STA. 52+00.0		TO STA. 52+50.0		

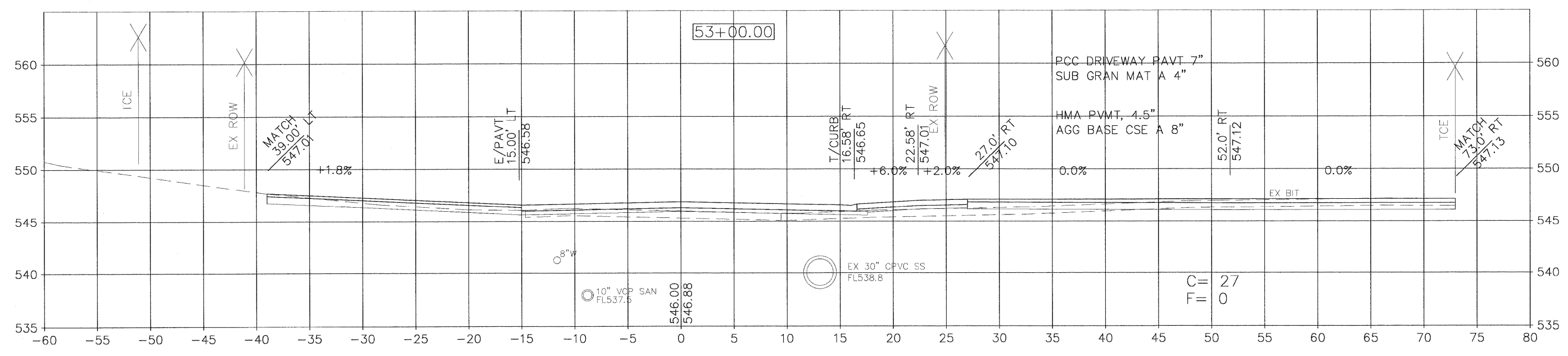
CONTRACT NO. 93542



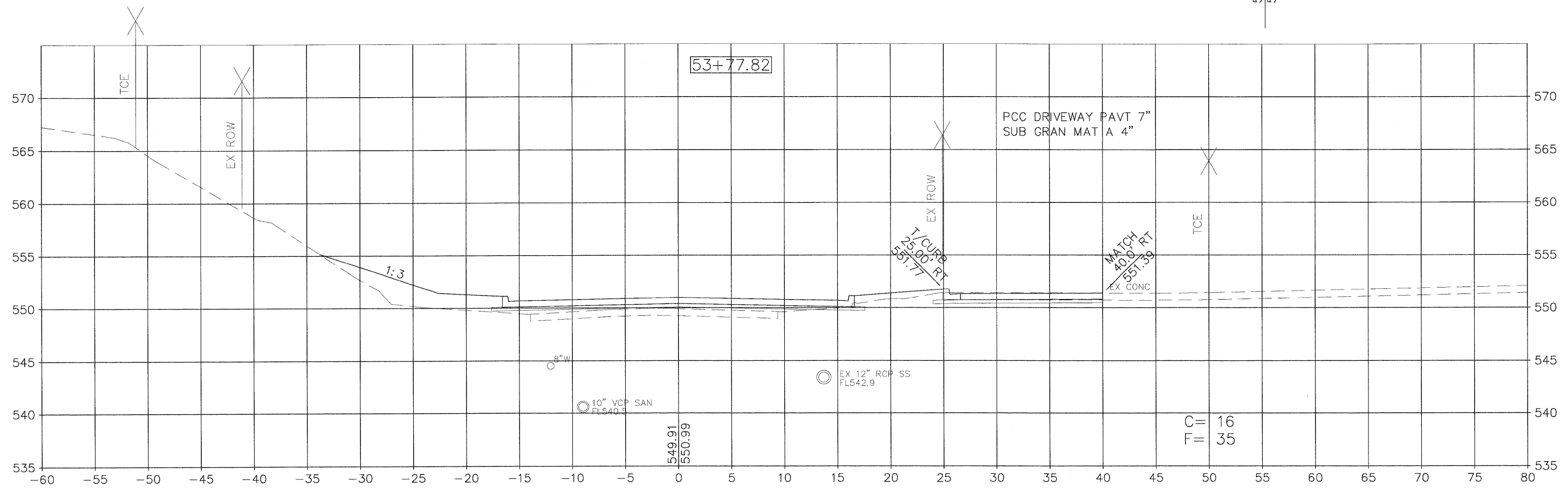
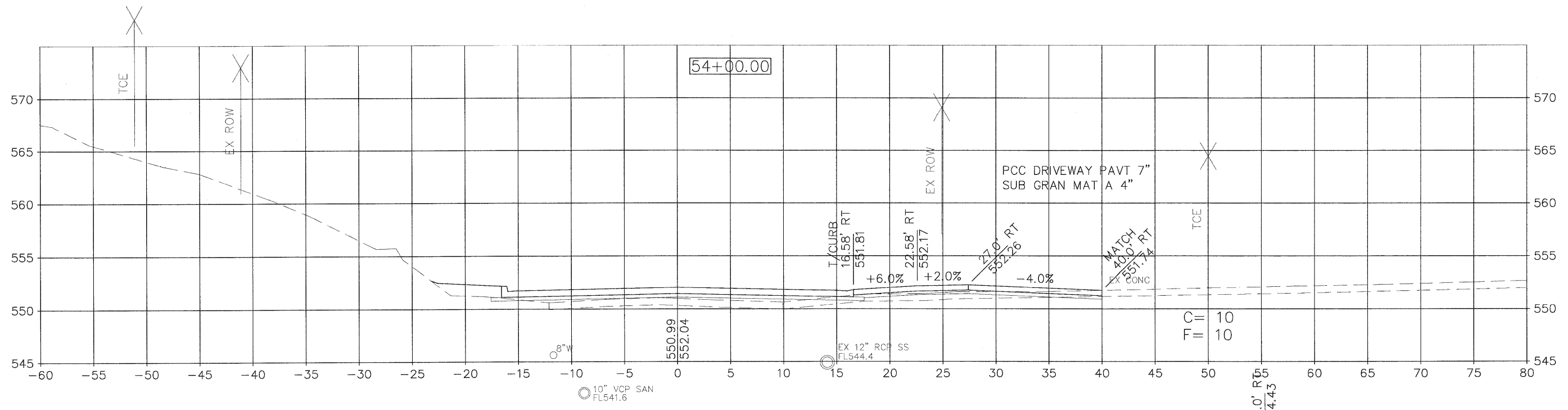
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	87
STA. 53+00.0		TO STA. 53+50.0		
CONTRACT NO. 93542				



53+16.74 LT (5TH) = 10+00.00 (PARKER HTS. RD)
 SEE INTERSECTION DETAIL SHEET

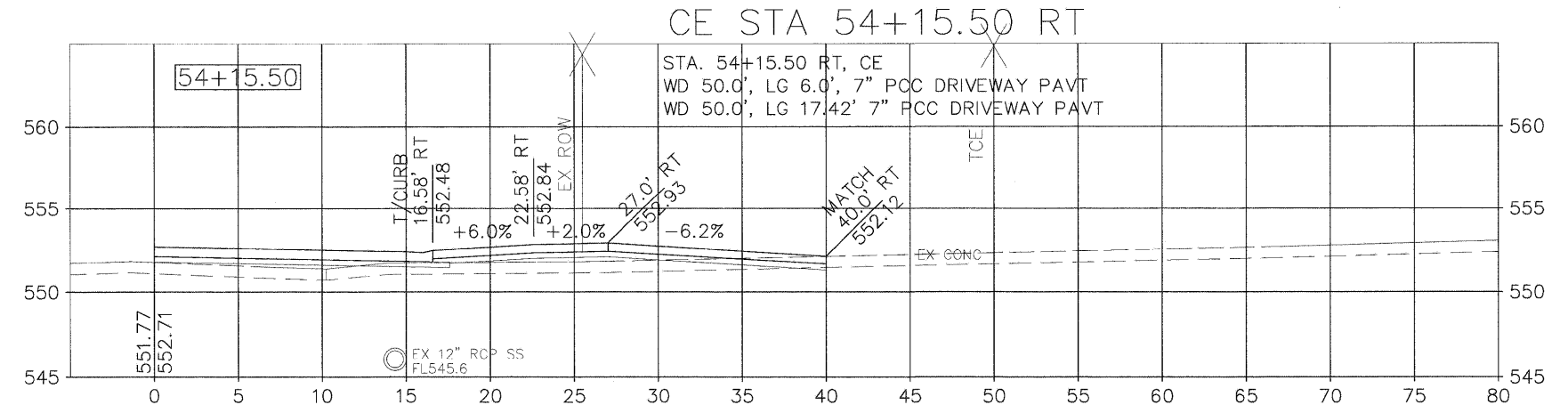
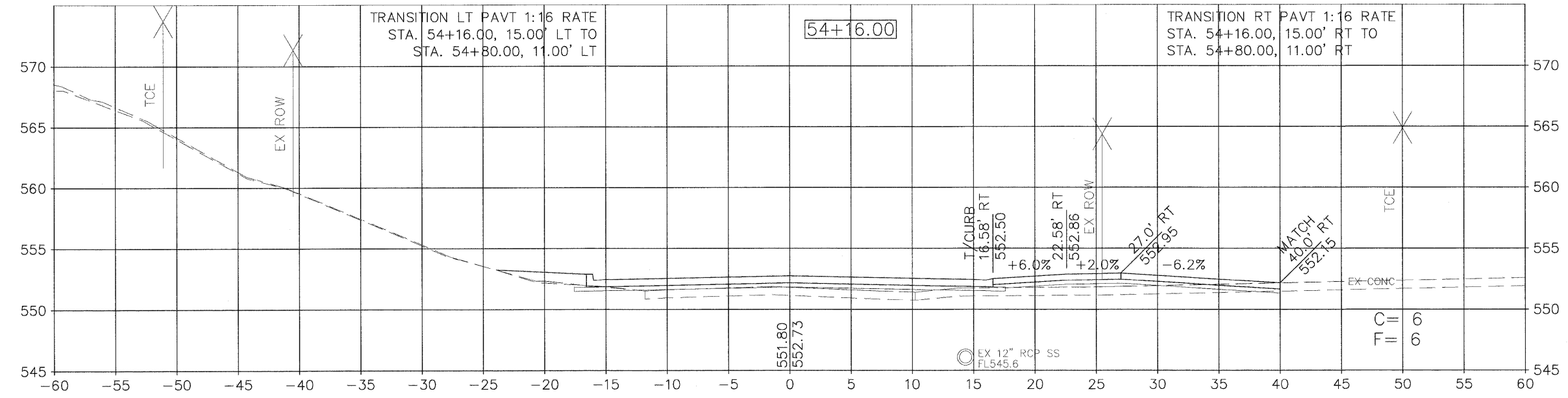
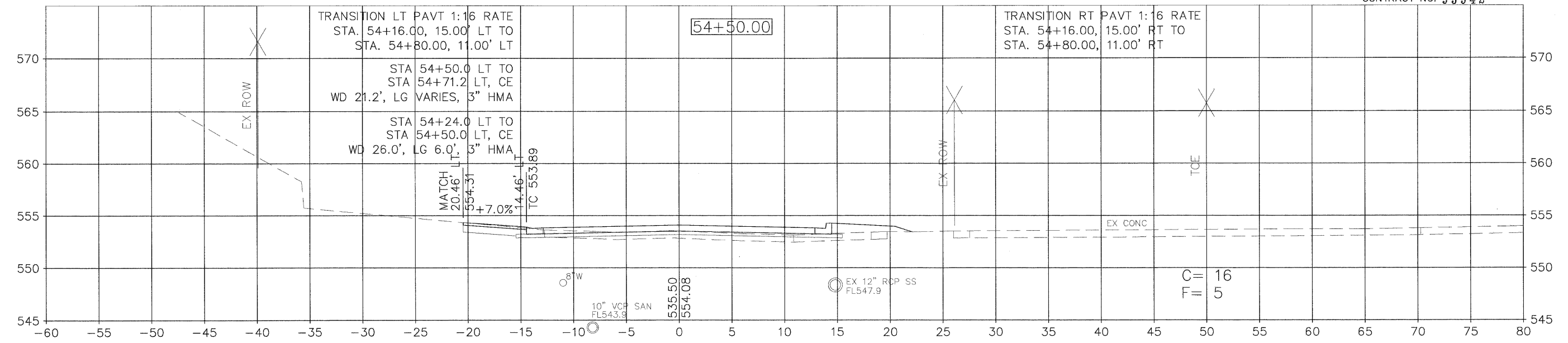


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	88
STA. 53+77.8		TO STA. 54+00		
CONTRACT NO. 93542				



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	89
STA. 54+115.5		TO STA. 54+80.0		

CONTRACT NO. 93542



RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N 5TH ST	03-00289-00-BR	ADAMS	90	90
STA. 54+80.0		TO STA. 55+30.0		
CONTRACT NO. 93542				

