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SEE SHEET 2 FOR LIST OF ILLINOIS DOT HIGHWAY STANDARDS

UTILITY CONTACTS:

UTILITY TYPE:

WATER AND SEWER
VILLAGE OF ATWOOD
(217) 294-1607 EX CELL
ATTN: JEFF MERCER

UTILITY TYPE:

CABLE TV
MEDIACOM
(217) 348-5533 EX 7808
ATTN: DEL LINGAFELTER

UTILITY TYPE:

GAS
AMEREN CILCO
(618) 236-6281
ATTN: MARTIN FULLER

UTILITY TYPE:

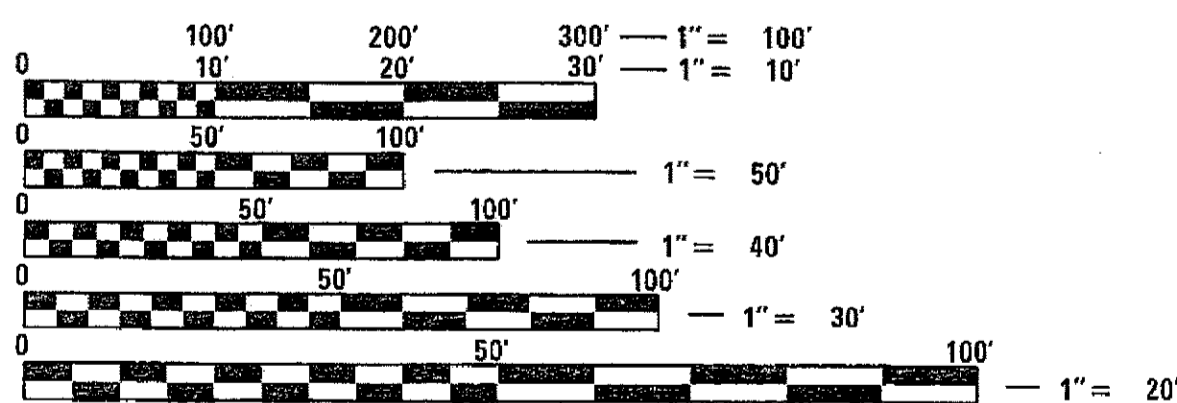
FIBER OPTIC
WINDSTREAM
(319) 790-7510
ATTN: JOSEPH GREEN

UTILITY TYPE:

TELEPHONE
CONSOLIDATED TELEPHONE
(217) 235-3355
ATTN: WES CHAMBERS

UTILITY TYPE:

ELECTRIC
EASTERN ILLINI ELECTRIC COOP
(217) 379-2131 EX 173
ATTN: ALAN SCHWEIGHART



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

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



STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED TARP PROJECT

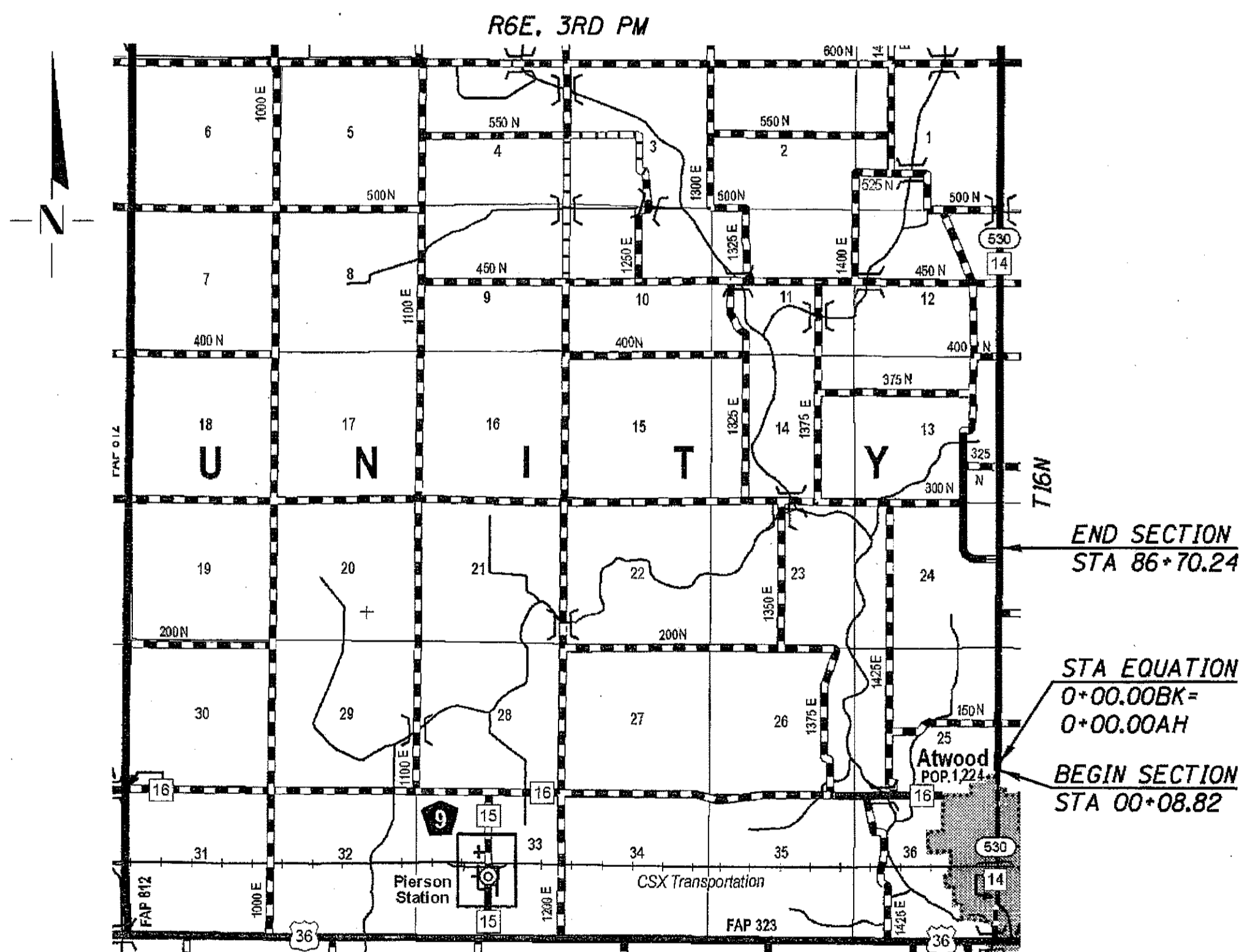
**FAS ROUTE 530 (CH 14)
SECTION 18-00238-02-RS
PIATT COUNTY
PROJECT NO. 4GIV(272)
JOB NO. C-95-310-17**

FAS RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	1
FEDERAL AID PROJECT	ILLINOIS	CONTRACT NO. 91551		

CONTRACT NO. 91551



LOCATION OF SECTION INDICATED THUS: - [Symbol] -



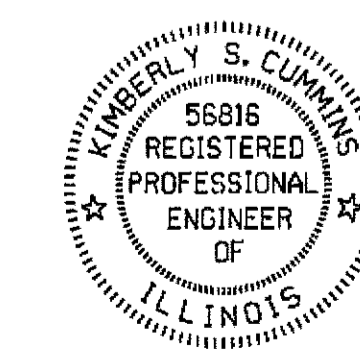
LOCATION MAP



SCALE IN MILES

GROSS LENGTH OF SECTION = 8,679.06 FEET = 1.644 MILES

FUNCTIONAL CLASSIFICATION : MAJOR COLLECTOR
DESIGN SPEED = 50 MPH
CURRENT ADT = 1165 (2016)



Kimberly S. Cummins 7/31/17
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/17)

APPROVED July 27, 20 17
[Signature]
COUNTY ENGINEER

PASSED SEPTEMBER 8, 20 17
[Signature]
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW September 8, 20 17
[Signature]
REGION THREE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES

GENERAL NOTES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	65
20800150	TRENCH BACKFILL	CU YD	33
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	200
21400100	GRADING AND SHAPING DITCHES	FOOT	510
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	75
28000305	TEMPORARY DITCH CHECKS	FOOT	100
28000500	INLET AND PIPE PROTECTION	EACH	17
30201700	PORTLAND CEMENT	TON	32
35101400	AGGREGATE BASE COURSE, TYPE B	TON	87
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	4
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	710
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,649
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	534
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	174
40600990	TEMPORARY RAMP	SQ YD	152
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	3,087
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	1,839
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	139
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	15
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,869
50102400	CONCRETE REMOVAL	CU YD	1.0
50105220	PIPE CULVERT REMOVAL	FOOT	372
50800105	REINFORCEMENT BARS	POUND	280
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2
54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	2
54001004	BOX CULVERT END SECTIONS, CULVERT NO. 4	EACH	2
54002020	EXPANSION BOLTS 3/4 INCH	EACH	176
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4
54216560	REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 15" RISER	EACH	4
54248510	CONCRETE COLLAR	CU YD	4.6
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	47.9
60100915	PIPE DRAINS 6"	FOOT	14
60100935	PIPE DRAINS 10"	FOOT	53
60108500	PIPE UNDERDRAINS 12 (SPECIAL)	FOOT	488
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	2
60255410	CATCH BASINS TO BE CLEANED	EACH	1
67100100	MOBILIZATION	L SUM	1
* 70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
* 70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
* 70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,312
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	291
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	19,538
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	100
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	70
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	59
* LR400010	CIR-FDR FOAMED ASPHALT	TON	85
* LR400732	COLD IN-PLACE RECYCLING, 3 1/4"	SQ YD	19,088
* LR403300	SURFACE PROFILE MILLING	SQ YD	19,088
* X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.75
* X6028300	INLETS TO BE REMOVED, SPECIAL	EACH	1
* XX008824	CATCH BASINS, (SPECIAL)	EACH	1
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Z0034105	MATERIAL TRANSFER DEVICE	TON	1,870

* SEE SPECIAL PROVISION

Δ SPECIALTY ITEMS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	604036-03	GRATE TYPE 8
001001-02	AREAS OF REINFORCEMENT BARS	701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
001006	DECIMAL OF AN INCH AND OF A FOOT	701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION	701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
602301-04	INLET, TYPE A	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
602306-03	INLET, TYPE B	701901-06	TRAFFIC CONTROL DEVICES
602401-03	MANHOLE TYPE A	780001-05	TYPICAL PAVEMENT MARKINGS
604031-03	GRATE TYPE 7	BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS INCLUDED IN THESE PLANS.
- ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION, AS INDICATED BY THE SUB-NUMBER, LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
- THE LOCATION OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E NUMBER IS 1-800-892-0123 OR 811. A MINIMUM 48 HOURS ADVANCE NOTICE IS REQUIRED. SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES WITH UTILITY COMPANIES LISTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE TYPE OF WORK ENCOUNTERED.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NAVD 88 DATUM.
- WHERE SECTION OR SUBSECTION 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 REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- THE CONTRACTOR SHALL DETERMINE FLOWLINES OF EXISTING FIELD TILES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. A QUANTITY FOR EXPLORATION TRENCH 52" DEPTH HAS BEEN PROVIDED. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS, MANHOLES, CATCH BASINS, AND FIELD TILE JUNCTION VAULTS. ONCE EXISTING FIELD TILE FLOWLINES HAVE BEEN VERIFIED, STORM SEWER ELEVATIONS SHALL BE ADJUSTED ACCORDINGLY AS DIRECTED BY THE ENGINEER.

COMMITMENTS
NONE

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATION MIXTURE USE	CH 14	CH 14
	SURFACE & INCIDENTAL	BINDER & CLASS D
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 @ NDESIGN = 50	4.0 @ NDESIGN = 50
MIX COMP (GRADATION)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX C	MIX C
MIXTURE WEIGHT	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

GRANULAR MATERIALS	2.05 Tons/Cu. Yd.
BITUMINOUS MATERIALS (PRIME COAT)	.05 Lbs/Sq. Ft.
BITUMINOUS MATERIALS (TACK COAT)	.025 Lbs/Sq. Ft.
HOT-MIX ASPHALT	112 Lbs/Sq. Yd./Inch



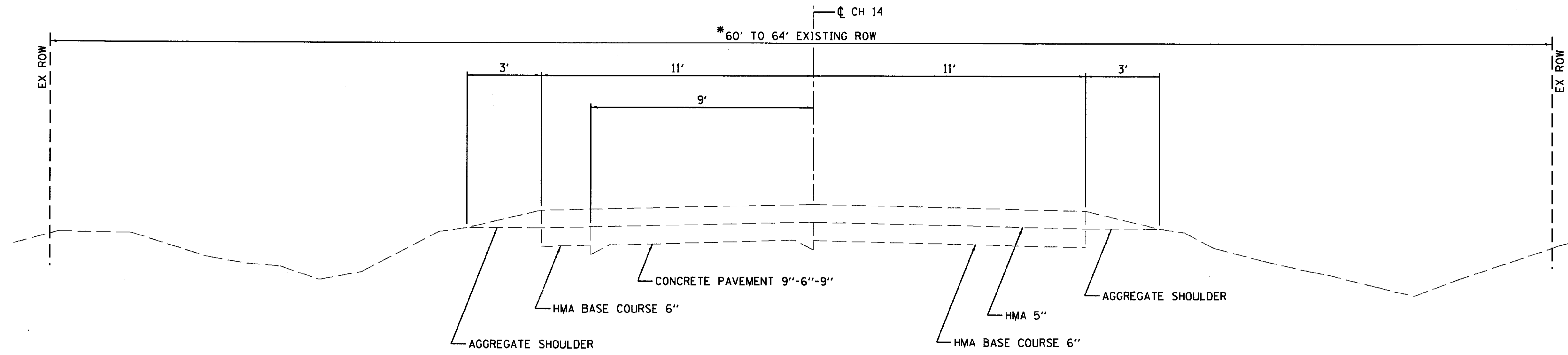
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FILE NAME = 2446-shr-gen.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 1:8000 1/4 IN.	CHECKED - NAK	REVISED -
PLOT DATE = 8/22/2017	DATE - 8/15/2016	REVISED -

PIATT COUNTY
CH 14 IMPROVEMENTS

SUMMARY OF QUANTITIES, STANDARDS, AND GENERAL NOTES

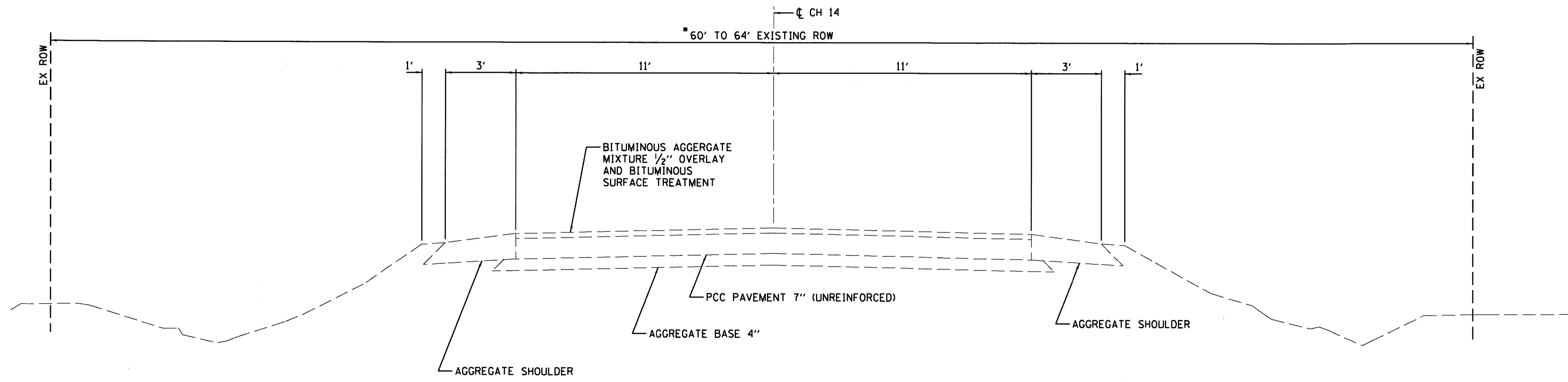
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 2
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 91551	

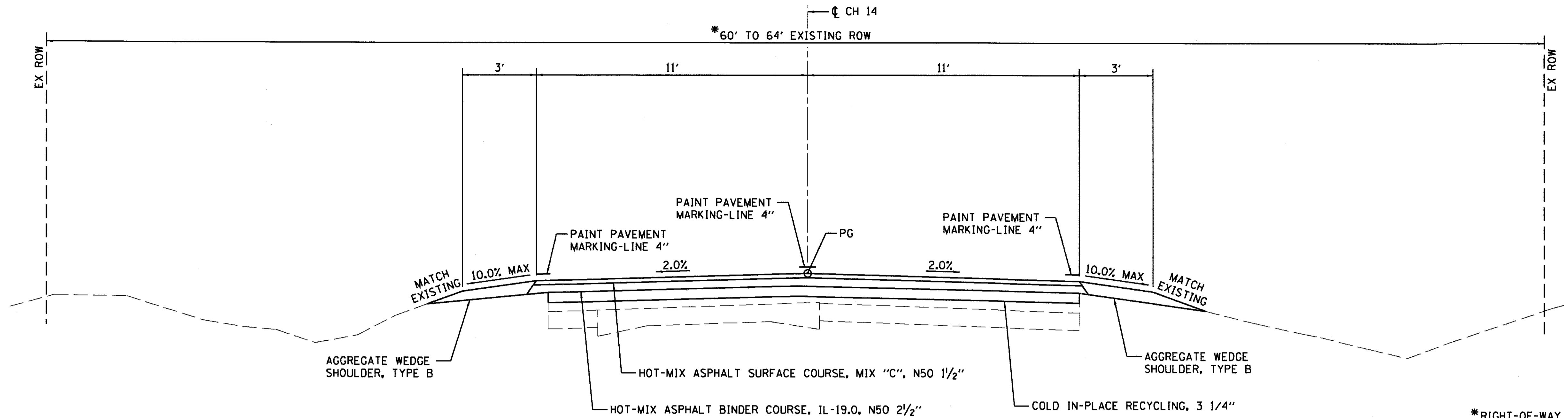


CH 14 EXISTING TYPICAL SECTION
 STA. 00+08.82 TO STA. 77+99.66

***RIGHT-OF-WAY**
 STA. 00+08.82 TO STA. 39+63.44 30' LT
 STA. 00+08.82 TO STA. 39+64.08 30' RT
 STA. 39+63.44 TO STA. 66+01.83 32' LT
 STA. 39+64.08 TO STA. 66+28.11 32' RT
 STA. 66+01.83 TO STA. 79+42.64 30' LT
 STA. 66+28.11 TO STA. 79+24.51 30' RT
 STA. 79+24.51 TO STA. 86+70.24 32' RT
 STA. 79+42.64 TO STA. 86+70.24 32' LT

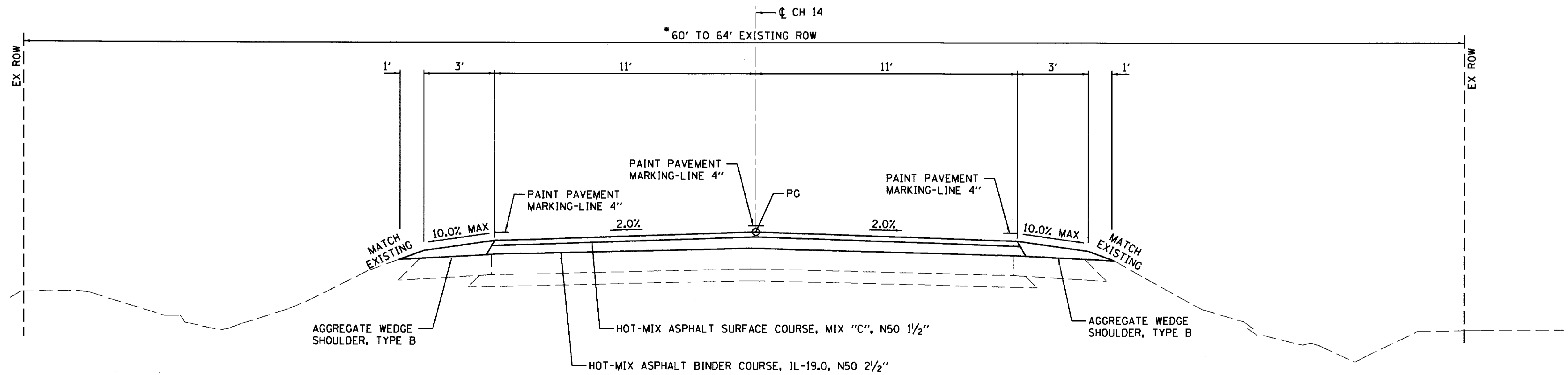


CH 14 EXISTING TYPICAL SECTION
 STA. 77+99.66 TO STA. 86+70.24



CH 14 PROPOSED TYPICAL SECTION
STA. 00+08.82 TO STA. 77+99.66

*RIGHT-OF-WAY
 STA. 00+08.82 TO STA. 39+63.44 30' LT
 STA. 00+08.82 TO STA. 39+64.08 30' RT
 STA. 39+63.44 TO STA. 66+01.83 32' LT
 STA. 39+64.08 TO STA. 66+28.11 32' RT
 STA. 66+01.83 TO STA. 79+42.64 30' LT
 STA. 66+28.11 TO STA. 79+24.51 30' RT
 STA. 79+24.51 TO STA. 86+70.24 32' RT
 STA. 79+42.64 TO STA. 86+70.24 32' LT



CH 14 PROPOSED TYPICAL SECTION
STA. 77+99.66 TO STA. 86+70.24

EARTHWORK

LOCATION	20200100 EARTH EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
CH 14				
LT STA 26+00.00 TO STA 29+00.00	9	7	17	-10
LT STA 30+00.00 TO STA 31+00.00	18	14	5	9
RT STA 30+00.00 TO STA 31+00.00	3	2	6	-4
RT STA 66+33.00 TO STA 71+50.00	33	25	14	11

TOTAL 63 48 42 6

ROUNDED PLAN QUANTITY 65

SHRINKAGE = 25%

LOCATION	59300100 CONTROLLED LOW-STRENGTH MATERIAL	20800150 TRENCH BACKFILL
	CU YD	CU YD
*RT STA 11+20.0 (2'X2' PRECAST BOX CULVERT END SECTION)	0.2	
24.5' RT STA 25+95.4 TO 24.6' RT STA 26+03.7		2
24.6' RT STA 26+03.7 TO 25.3' RT STA 26+50.1	10.0	
25.3' RT STA 26+50.1 TO 25.4' RT STA 26+59.6		2
48.8' RT STA 26+12.2 TO 36.7' RT STA 26+12.3		2
36.7' RT STA 26+12.3 TO 24.8' RT STA 26+12.5	2.0	
48.6' RT STA 26+42.2 TO 44.8' RT STA 26+42.2		1
44.8' RT STA 26+42.2 TO 25.2' RT STA 26+42.5	4.0	
*LT STA 11+20.0 (2'X2' PRECAST BOX CULVERT END SECTION)	0.2	
21.0' LT STA 25+75.0 TO 21.1' LT STA 25+86.0		4
21.1' LT STA 25+86.0 TO 21.4' LT STA 26+15.2	10.0	
31.8' LT STA 25+85.8 TO 21.1' LT STA 25+85.8		4
13.0' RT STA 30+50.0 TO 13.0' LT STA 30+50.0	8.0	
*RT STA 30+65.0 (7'X3' PRECAST BOX CULVERT END SECTION)	0.8	
*RT STA 50+75.0 (4'X3' PRECAST BOX CULVERT END SECTION)	0.4	
31.8' LT STA 26+13.7 TO 23.7' LT STA 26+13.7		3
23.7' LT STA 26+13.7 TO 21.4' LT STA 26+13.7	1.0	
*LT STA 30+65.0 (7'X3' PRECAST BOX CULVERT END SECTION)	0.8	
*LT STA 50+75.0 (4'X3' PRECAST BOX CULVERT END SECTION)	0.4	
23.8' RT STA 65+76.1 TO 25.4' RT STA 65+87.1		3
25.4' RT STA 65+87.1 TO 23.7' RT STA 65+87.1	1.0	
64.7' RT STA 66+22.4 TO 23.6' RT STA 66+23.1		8
23.8' RT STA 65+76.1 TO 23.7' RT STA 65+85.7		2
23.7' RT STA 65+85.7 TO 23.6' RT STA 66+22.6	7.0	
23.6' RT STA 66+22.6 TO 23.5' RT STA 66+34.2		2
*LT & RT STA 30+63.1 (ABANDON CULVERT)	2.1	

TOTAL 47.9 33

*FILL BOTTOM OF 6" OF PRECAST BOX CULVERT END SECTION

28000305 TEMPORARY DITCH CHECKS

LOCATION	FOOT
CH 14	
LT STA 11+15	10
LT STA 11+25	10
RT STA 26+85	10
RT STA 30+30	10
RT STA 30+95	10
LT STA 50+70	10
LT STA 50+80	10
RT STA 69+00	10
LT STA 71+27	10
LT STA 71+37	10

TOTAL 100

28000250 TEMPORARY EROSION CONTROL SEEDING

LOCATION	POUND
CH 14	
LT STA 10+94 TO STA 11+46	2
RT STA 10+94 TO STA 11+46	2
LT STA 25+50 TO STA 25+92	2
RT STA 25+71 TO STA 26+19	2
LT STA 26+08 TO STA 30+94	18
RT STA 26+40 TO STA 26+85	2
RT STA 30+35 TO STA 30+94	2
LT STA 50+48 TO STA 51+03	2
RT STA 50+59 TO STA 50+90	1
RT STA 65+51 TO STA 65+96	3
RT STA 66+16 TO STA 71+43	21
LT STA 71+03 TO STA 71+62	2

TOTAL 59

ROUNDED TOTAL 75

X2501000 SEEDING, CLASS 2 (SPECIAL)

LOCATION	ACRE
CH 14	
LT STA 10+94 TO STA 11+46	0.02
RT STA 10+94 TO STA 11+46	0.02
LT STA 25+50 TO STA 25+92	0.02
RT STA 25+71 TO STA 26+19	0.02
LT STA 26+08 TO STA 30+94	0.18
RT STA 26+40 TO STA 26+85	0.02
RT STA 30+35 TO STA 30+94	0.02
LT STA 50+48 TO STA 51+03	0.02
RT STA 50+59 TO STA 50+90	0.01
RT STA 65+51 TO STA 65+96	0.03
RT STA 66+16 TO STA 71+43	0.21
LT STA 71+03 TO STA 71+62	0.02

TOTAL 0.59

ROUNDED TOTAL 0.75

44201789 CLASS D PATCHES, TYPE II, 12 INCH

LOCATION	SQ YD
LT STA 30+50.0	7.3
RT STA 30+50.0	7.3

TOTAL 14.6

USE 15.0

LOCATION	21400100 GRADING AND SHAPING DITCHES
	FOOT
CH 14	
LT STA 10+93.72 TO STA 11+46.39	50
RT STA 10+93.70 TO STA 11+46.37	50
LT STA 25+50.00 TO STA 25+75.00	25
RT STA 25+70.91 TO STA 25+95.38	25
48.8' RT STA 26+12.15 TO 73.9' RT STA 26+12.51	25
49.3' RT STA 26+42.15 TO 74.3' RT STA 26+48.59	25
RT STA 26+59.62 TO STA 26+85.07	25
RT STA 30+35.23 TO STA 30+93.57	50
LT STA 30+65.00 TO STA 30+93.66	25
LT STA 50+47.66 TO STA 51+02.70	50
RT STA 50+59.25 TO STA 50+90.08	35
RT STA 65+51.04 TO STA 65+76.05	25
82.8' RT STA 65+81.33 TO 57.8' RT STA 65+86.51	25
89.7' RT STA 66+28.11 TO 64.7' RT STA 66+23.39	25
LT STA 71+02.89 TO STA 71+62.23	50

TOTAL 510

28000500 INLET AND PIPE PROTECTION

LOCATION	EACH
CH 14	
RT STA 11+20	1
LT STA 25+75	1
LT STA 25+86	1
RT STA 25+95	1
RT STA 26+12	1
LT STA 26+14	1
RT STA 26+42	1
LT STA 28+00	1
LT STA 30+50	1
RT STA 30+50	1
LT STA 30+63	1
RT STA 30+63	1
RT STA 50+75	1
RT STA 65+78	1
RT STA 65+87	1
RT STA 66+22	1
RT STA 71+33	1

TOTAL 17



JOB = 2446	DESIGNED - NAK	REVISED -
FILE NAME = 2446-sht-schedules.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 1/8" = 1' IN.	CHECKED - NAK	REVISED -
PLOT DATE = 8/22/2017	DATE - 8/15/2016	REVISED -

**PIATT COUNTY
CH 14 IMPROVEMENTS**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 5
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 91551	

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

LOCATION	TYPE	TON
LT STA 00+08.82 TO STA 10+00.00	TRANSITION	51
LT STA 10+00.00 TO STA 10+50.00	WEDGE	6
LT STA 10+50.00 TO STA 11+00.00	WEDGE	6
LT STA 11+00.00 TO STA 11+20.00	WEDGE	2
LT STA 11+20.00 TO STA 11+50.00	WEDGE	3
LT STA 11+50.00 TO STA 12+00.00	WEDGE	5
LT STA 12+00.00 TO STA 12+50.00	WEDGE	7
LT STA 12+50.00 TO STA 22+50.00	WEDGE	110
LT STA 22+50.00 TO STA 22+82.00	WEDGE	2
LT STA 22+82.00 TO STA 23+00.00	WEDGE	1
LT STA 23+00.00 TO STA 23+50.00	WEDGE	5
LT STA 23+50.00 TO STA 24+00.00	WEDGE	5
LT STA 24+00.00 TO STA 24+50.00	WEDGE	4
LT STA 24+50.00 TO STA 25+75.75	WEDGE	12
LT STA 26+00.11 TO STA 27+00.00	WEDGE	10
LT STA 27+00.00 TO STA 30+50.00	WEDGE	30
LT STA 30+50.00 TO STA 32+50.00	WEDGE	17
LT STA 32+50.00 TO STA 50+50.00	WEDGE	237
LT STA 50+50.00 TO STA 51+00.00	WEDGE	9
LT STA 51+00.00 TO STA 51+50.00	WEDGE	9
LT STA 51+50.00 TO STA 64+50.00	WEDGE	180
LT STA 64+50.00 TO STA 65+50.00	WEDGE	10
LT STA 65+50.00 TO STA 66+00.00	WEDGE	4
LT STA 66+00.00 TO STA 67+50.00	WEDGE	16
LT STA 67+50.00 TO STA 69+50.00	WEDGE	29
LT STA 69+50.00 TO STA 70+50.00	WEDGE	23
LT STA 70+50.00 TO STA 71+00.00	WEDGE	17
LT STA 71+00.00 TO STA 71+50.00	WEDGE	17
LT STA 71+50.00 TO STA 72+50.00	WEDGE	23
LT STA 72+50.00 TO STA 84+99.79	WEDGE	291
LT STA 86+00.40 TO STA 86+70.24	TRANSITION	5
RT STA 00+08.82 TO STA 10+00.00	TRANSITION	55
RT STA 10+00.00 TO STA 10+50.00	WEDGE	6
RT STA 10+50.00 TO STA 11+00.00	WEDGE	6
RT STA 11+00.00 TO STA 11+20.00	WEDGE	2
RT STA 11+20.00 TO STA 11+50.00	WEDGE	3
RT STA 11+50.00 TO STA 12+00.00	WEDGE	4
RT STA 12+00.00 TO STA 12+50.00	WEDGE	5
RT STA 12+50.00 TO STA 22+50.00	WEDGE	133
RT STA 22+50.00 TO STA 22+82.00	WEDGE	3
RT STA 22+82.00 TO STA 23+00.00	WEDGE	2
RT STA 23+00.00 TO STA 23+50.00	WEDGE	6
RT STA 23+50.00 TO STA 24+00.00	WEDGE	6
RT STA 24+00.00 TO STA 24+50.00	WEDGE	6
RT STA 24+50.00 TO STA 25+78.81	WEDGE	17
RT STA 26+73.20 TO STA 27+00.00	WEDGE	3
RT STA 27+00.00 TO STA 30+50.00	WEDGE	31
RT STA 30+50.00 TO STA 32+50.00	WEDGE	14

CONTINUES

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

LOCATION	TYPE	TON
RT STA 32+50.00 TO STA 50+50.00	WEDGE	107
RT STA 50+50.00 TO STA 51+00.00	WEDGE	4
RT STA 51+00.00 TO STA 51+50.00	WEDGE	4
RT STA 51+50.00 TO STA 64+50.00	WEDGE	89
RT STA 64+50.00 TO STA 65+67.57	WEDGE	6
RT STA 66+35.63 TO STA 66+50.00	WEDGE	1
RT STA 66+50.00 TO STA 67+50.00	WEDGE	12
RT STA 67+50.00 TO STA 69+50.00	WEDGE	51
RT STA 69+50.00 TO STA 70+50.00	WEDGE	33
RT STA 70+50.00 TO STA 71+00.00	WEDGE	15
RT STA 71+00.00 TO STA 71+50.00	WEDGE	9
RT STA 71+50.00 TO STA 72+50.00	WEDGE	10
RT STA 72+50.00 TO STA 86+70.24	WEDGE	53
SIDE ROADS		
LT STA 26+00.11	WEDGE	4
RT STA 26+28.34	WEDGE	6
RT STA 66+06.81	WEDGE	6
LT STA 85+50.16	WEDGE	9
TOTAL		1,867 *

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	SQ YD
CH 14	
STA 0+08.82 TO STA 0+00.00	21.56
STA 0+00.00 TO STA 0+51.18	125.11
TOTAL	146.67 *
USE	147.0

*SEE ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROADS SCHEDULE FOR ADDITIONAL QUANTITIES

CIP RECYCLING

LOCATION	WIDTH	AREA	LR400010 CIR-FDR FOAMED ASPHALT	LR400732 COLD-IN-PLACE RECYCLING 3 1/4"	30201700 PORTLAND CEMENT
	FOOT	SQ YD	TON	SQ YD	TON
STA 0+08.82 TO STA 0+00.00	22	22	0.10	21.56	0.04
STA 0+00.00 TO STA 77+99.66	22	19,066	84.20	19,065.84	31.00
TOTAL			84.30	19,087.40	31.04
USE			85.0	19,088.0	32.0

RESURFACING

LOCATION	WIDTH	AREA	40600290 BITUMINOUS MATERIALS (TACK COAT)	40603080 HMA BINDER COURSE, 1L- 19.0, N50	40603310 HMA SURFACE COURSE, MIX "C", N50	LR403300 SURFACE PROFILE MILLING
			FOOT	SQ YD	POUND	TON
CH 14						
STA 0+08.82 TO STA 0+00.00	22	22	15	3	2	22
STA 0+00.00 TO STA 77+99.66	22	19,066	12,869	2,780	1,656	19,066
STA 77+99.66 TO STA 86+70.24	22	2,128	1,436	304	181	
TOTAL			14,320 *	3,087	1,839	19,087

40600990 TEMPORARY RAMP

LOCATION	SQ YD
CH 14	
STA 0+08.82	12.22
STA 0+21.18	12.22
LT STA 26+00.07	14.72
RT STA 26+28.34	31.67
RT STA 66+06.81	21.22
LT STA 85+50.16	35.17
LT STA 86+40.24	12.22
STA 86+70.24	12.22
TOTAL	151.66
USE	152.0

40600985 PCC SURFACE REMOVAL - BUTT JOINT

LOCATION	SQ YD
CH 14	
STA 86+10.24 TO STA 86+70.24	146.67
TOTAL	146.67 *



JOB = 2446
 FILE NAME = 2446-sht-schedules.dgn
 PLOT SCALE = 1/8" = 1' / IN.
 PLOT DATE = 8/22/2017

DESIGNED - NAK
 DRAWN - SJS
 CHECKED - NAK
 DATE - 8/15/2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

PIATT COUNTY
CH 14 IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 530 18-00238-02-RS PIATT 34 6
 CONTRACT NO. 91551
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

ENTRANCES, MAIL BOX TURNOUTS AND SIDE ROADS

LOCATION	TYPE	WIDTH	LENGTH	48102100	40200800	35101400	40600982	40600985	40600275	40600290	40800050
				AGGREGATE WEDGE SHOULDER, TYPE B	AGGREGATE SURFACE COURSE	AGGREGATE BASE COURSE, TYPE B	HMA SURFACE REMOVAL - BUTT JOINT	PCC SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING
				TON	TON	TON	SQ YD	SQ YD	POUND	POUND	TON
RT STA 1+18	MB	HMA	6			7.4	4.2		9.8		4.2
RT STA 1+42	PE	AGG	20.5		0.4				76.3		2.8
LT STA 1+97	PE	AGG	9	10	0.2				47.5		1.9
RT STA 2+31	MB	HMA	6			7.4	21.7		9.8		4.2
RT STA 4+58	PE	HMA	18	10			12.8			14.0	3.4
RT STA 4+98	MB	HMA	6			7.4	21.7		9.8		4.2
LT STA 7+76	CE	HMA	55	10			33.3			32.5	7.3
LT STA 16+31	PE	HMA	14	10			8.3			11.0	2.8
RT STA 16+51	MB	HMA	6			7.4	21.7		9.8		4.2
LT STA 18+11	PE	HMA	12	10			9.4			11.0	2.7
RT STA 18+11	MB	HMA	6			7.4	21.7		9.8		4.2
LT STA 18+87	PE	HMA	12	10			9.4			11.0	2.7
LT STA 19+33	PE	AGG	16	10		0.3			65.0		2.4
LT STA 21+46	PE	CONC	20	10				13.9		15.0	3.6
LT STA 22+71	MB	HMA	6			7.4	21.7		9.8		4.2
LT STA 22+81	PE	AGG	10.4	10		0.2			51.0		2.0
LT STA 24+97	PE	AGG	18.9	10		0.4			72.3		2.6
RT STA 24+84	MB	HMA	6			7.4	21.7			9.8	4.2
LT STA 26+00	SR	HMA	13	19.55			13.5	29.6		21.2	5.3
RT STA 26+28	SR	HMA	19.4	39.9			1.8	34.5		68.9	17.2
RT STA 62+09	MB	HMA	6			7.4	21.7		9.8		4.2
LT STA 65+65	FE	AGG	25.2	10	0.6						
RT STA 66+07	SR	HMA	18	30.3			5.4	32.3		41.2	10.3
LT STA 66+43	FE	TURF	14.7	10	0.5						
RT STA 72+62	FE	TURF	52.3	10	0.5						
RT STA 76+10	PE	AGG	34	10		0.6			110.0		3.8
RT STA 77+10	PE	AGG	32	10		0.6			105.0		3.7
RT STA 78+28	PE	AGG	32	10		0.6			105.0		3.7
LT STA 79+11	PE	CONC	18	10				12.8		14.0	3.4
RT STA 79+18	MB	HMA	6			7.4	21.7		9.8		4.2
LT STA 85+50	SR	HMA	22	40.5				39.5		79.1	19.7

TOTAL					1.56	3.37	87.36	386.74	26.67	710.00	328.63	139.14
USE					*2	3	87	*387	*27	710	*329	139

*SEE AGGREGATE WEDGE SHOULDER, HMA SURFACE REMOVAL - BUTT JOINT, AND RESURFACING SCHEDULES FOR ADDITIONAL QUANTITIES

PRECAST CONCRETE BOX CULVERT EXTENSIONS ASTM C 1577, DESIGN EARTH COVER LESS THEN 2 FEET

LOCATION	SKEW	54001001	54001002	54001003	54001004	54248510	50800105	54002020	50102400
		BOX CULVERT END SECTIONS, CULVERT NO. 1 2'X2'	BOX CULVERT END SECTIONS, CULVERT NO. 2 7'X3'	BOX CULVERT END SECTIONS, CULVERT NO. 3 4'X3'	BOX CULVERT END SECTIONS, CULVERT NO. 4 8'X3'	CONCRETE COLLAR	REINFORCEMENT BARS	EXPANSION BOLTS 3/4 INCH	CONCRETE REMOVAL
		EACH	EACH	EACH	EACH	CU YD	POUND	EACH	CU YD
LT STA 11+20.00	0°	1				0.21	20	8	0.06
RT STA 11+20.00	0°	1				0.21	20	8	0.05
LT STA 30+65.00	0°		1			0.76	40	28	0.07
RT STA 30+65.00	0°		1			0.76	40	28	0.08
LT STA 50+75.00	0°			1		0.52	30	20	0.16
RT STA 50+75.00	0°			1		0.52	30	20	0.17
LT STA 71+33.00	0°				1	0.80	50	32	0.19
RT STA 71+33.00	0°				1	0.80	50	32	0.20
TOTAL USE		2	2	2	2	4.6	280	176	0.98 / 0

78001110 PAINT PAVEMENT MARKING - LINE 4"

LOCATION		YELLOW FOOT	WHITE FOOT	TOTAL FOOT
YELLOW SKIP DASH				
STA 0+08.82 TO STA 0+00.00		10		10
STA 0+00.00 TO STA 77+99.66		1,950		1,950
STA 77+99.66 TO STA 86+70.24		220		220
SOLID WHITE EDGE LINE				
LT STA 0+08.82 TO STA 0+00.00			9	9
LT STA 0+00.00 TO STA 77+99.66			7,800	7,800
RT STA 0+08.82 TO STA 0+00.00			9	9
RT STA 0+00.00 TO STA 77+99.66			7,800	7,800
LT STA 77+99.66 TO STA 86+70.24			870	870
RT STA 77+99.66 TO STA 86+70.24			870	870
TOTAL		2,180	17,358	19,538

SHORT TERM PAVEMENT MARKING

LOCATION	NO. OF APPLICATIONS	70300100 SHORT TERM PAVEMENT MARKING	70300150 SHORT TERM PAVEMENT MARKING REMOVAL
		FOOT	SQ FT
CH 14			
STA 0+08.82 TO STA 0+00.00	4	16	1
STA 0+00.00 TO STA 77+99.66	4	3,120	260
STA 77+99.66 TO STA 86+70.24	2	176	30
TOTAL		3,312	291



JOB = 2446	DESIGNED - NAK	REVISED -
FILE NAME = 2446-ah-schedules.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 1/8" = 1' IN.	CHECKED - NAK	REVISED -
PLOT DATE = 8/22/2017	DATE - 8/15/2016	REVISED -

PIATT COUNTY CH 14 IMPROVEMENTS

SCHEDULES OF QUANTITIES

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	7
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 91551	

LOCATION	60236200 INLETS, TYPE A, TYPE 8 GRATE	60240301 INLETS, TYPE B, TYPE 8 GRATE	60219000 MANHOLES, TYPE A, 4'- DIAMETER, TYPE 8 GRATE	XX008824 CATCH BASINS, (SPECIAL)	60108500 PIPE UNDERDRAINS 12" (SPECIAL)	60100915 PIPE DRAINS 6"	60100935 PIPE DRAINS 10"	550A0090 STORM SEWERS, CLASS A, TYPE 1 18"	*PIPE TEE 12" PIPE W/12" RISER	X6028300 INLETS TO BE REMOVED (SPECIAL)
	EACH	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH
21.0' LT STA 25+75.00	1									
21.0' LT STA 25+75.00 TO 21.1' LT STA 25+85.83					8					
21.1' LT STA 25+85.83 TO 21.4' LT STA 26+13.67					28				2	
21.4' LT STA 26+13.67 TO 23.1' LT STA 29+00.00					283					
31.8' LT STA 25+85.83	1									
31.8' LT STA 25+85.83 TO 21.1' LT STA 25+85.83					11					
31.8' LT STA 26+13.67	1									
31.8' LT STA 26+13.67 TO 21.4' LT STA 26+13.67					11					
23.1' LT STA 28+00.00	1									
23.1' LT STA 29+00.00 TO 25.4' LT STA 30+50.00					147					
25.4' LT STA 30+50.00 TO 25.5' LT STA 30+63.11								15		
25.4' LT STA 30+50.00 TO 23.0' RT STA 30+50.00								44		
25.4' LT STA 30+50.00			1							
23.0' RT STA 30+50.00				1						1
25.5' LT STA 30+63.11		1								
25.7' RT STA 30+63.20		1								
21.3' RT STA 30+35.23 TO 23.0' RT STA 30+50.00							14			
23.0' RT STA 30+35.23 TO 23.0' RT STA 30+50.00							14			
28.5' RT STA 30+35.23 TO 23.0' RT STA 30+50.00							14			
23.0' RT STA 30+50.00 TO 25.7' RT STA 30+63.20							11			
25.7' RT STA 30+63.20 TO 19.9' RT STA 30+77.51						14				
TOTAL	4	2	1	1	488	14	53	59	2	1

* PIPE TEES WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST FOR PIPE UNDERDRAINS 12"

21301052 EXPLORATION TRENCH 52" DEPTH

LOCATION	FOOT
LT & RT STA 30+63.1	200
TOTAL	200

50105220 PIPE CULVERT REMOVAL

LOCATION	FOOT
CH 14	
LT STA 25+82.9 TO STA 27+93.0	210
RT STA 25+95.4 TO STA 26+55.8	58
RT STA 26+11.3 TO STA 26+11.3	20
RT STA 26+42.2 TO STA 26+45.3	24
RT STA 65+87.4 TO STA 66+25.3	38
RT STA 66+24.8 TO STA 66+24.8	22
TOTAL	372

60255410 CATCH BASINS TO BE CLEANED

LOCATION	EACH
LT STA 11+87.3	1
TOTAL	1



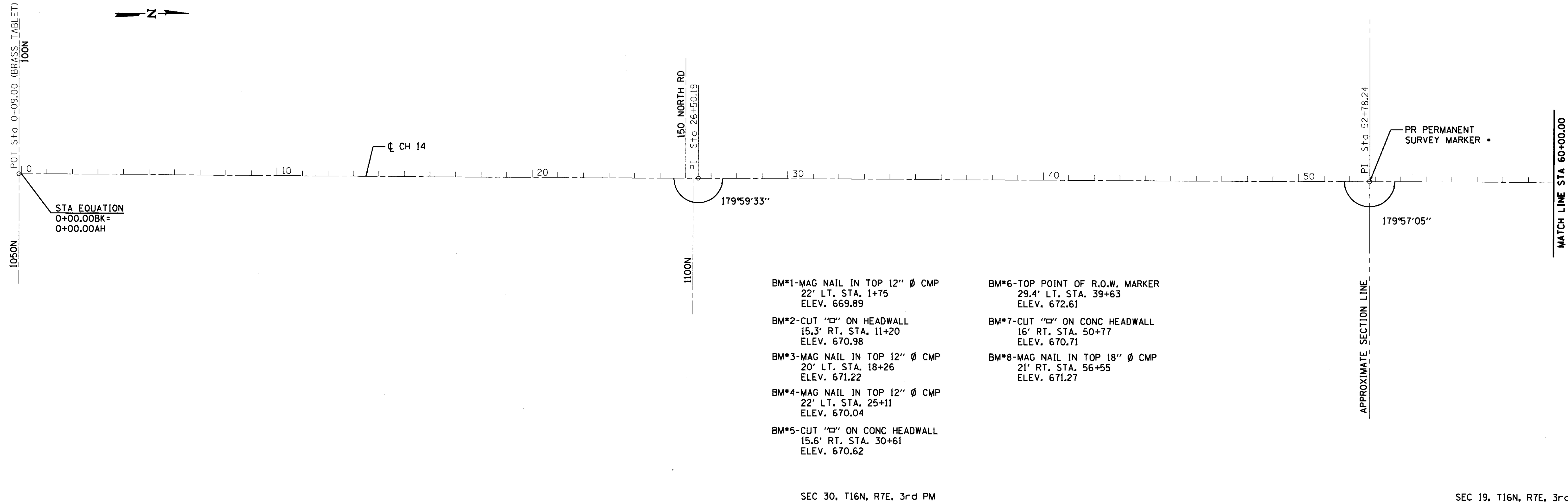
JOB = 2446	DESIGNED - NAK	REVISED -
FILE NAME = 2446-shr-schedules.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 1.0000' / IN.	CHECKED - NAK	REVISED -
PLOT DATE = 8/22/2017	DATE - 8/15/2016	REVISED -

PIATT COUNTY
CH 14 IMPROVEMENTS

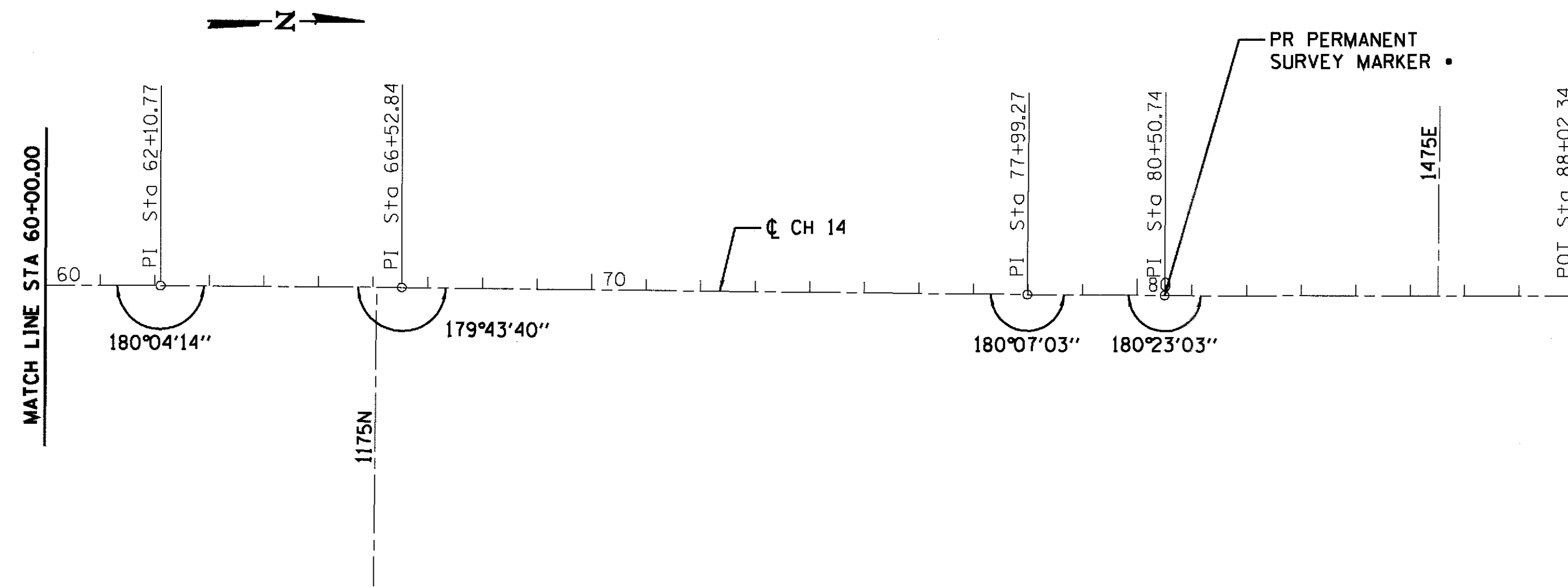
SCHEDULES OF QUANTITIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	8
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 91551		



- BM*1-MAG NAIL IN TOP 12" Ø CMP
22' LT. STA. 1+75
ELEV. 669.89
- BM*2-CUT "C" ON HEADWALL
15.3' RT. STA. 11+20
ELEV. 670.98
- BM*3-MAG NAIL IN TOP 12" Ø CMP
20' LT. STA. 18+26
ELEV. 671.22
- BM*4-MAG NAIL IN TOP 12" Ø CMP
22' LT. STA. 25+11
ELEV. 670.04
- BM*5-CUT "C" ON CONC HEADWALL
15.6' RT. STA. 30+61
ELEV. 670.62
- BM*6-TOP POINT OF R.O.W. MARKER
29.4' LT. STA. 39+63
ELEV. 672.61
- BM*7-CUT "C" ON CONC HEADWALL
16' RT. STA. 50+77
ELEV. 670.71
- BM*8-MAG NAIL IN TOP 18" Ø CMP
21' RT. STA. 56+55
ELEV. 671.27



- BM*9-TOP POINT OF R.O.W. MARKER
28.6' LT. STA. 66+02
ELEV. 674.21
- BM*10-MAG NAIL IN TOP 12" Ø CMP
26' RT. STA. 72+34
ELEV. 672.21
- BM*11-TOP POINT OF R.O.W. MARKER
32' LT. STA. 81+07
ELEV. 678.74

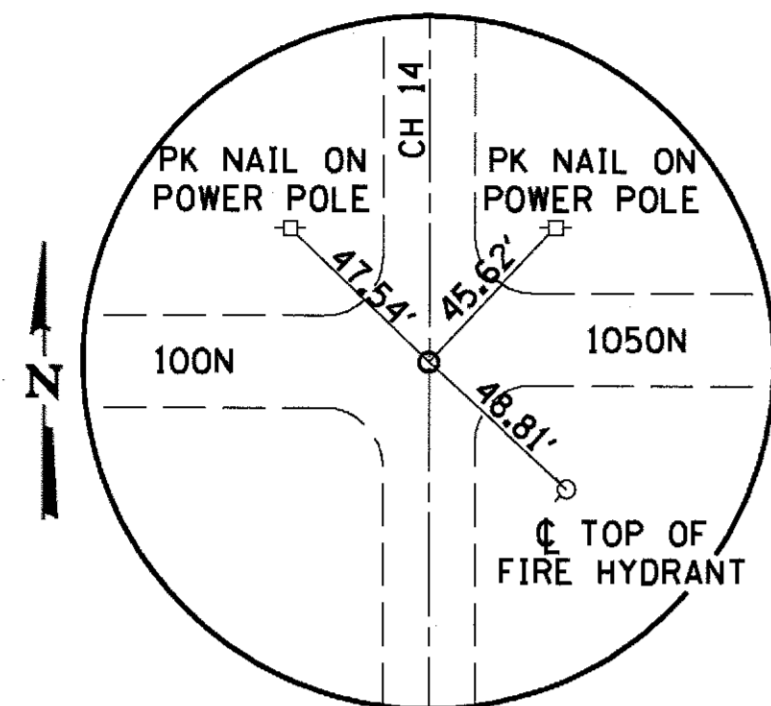
• SEE GENERAL NOTE NO. 8 ON SHEET 2

FAS ROUTE 530 (CH 14)

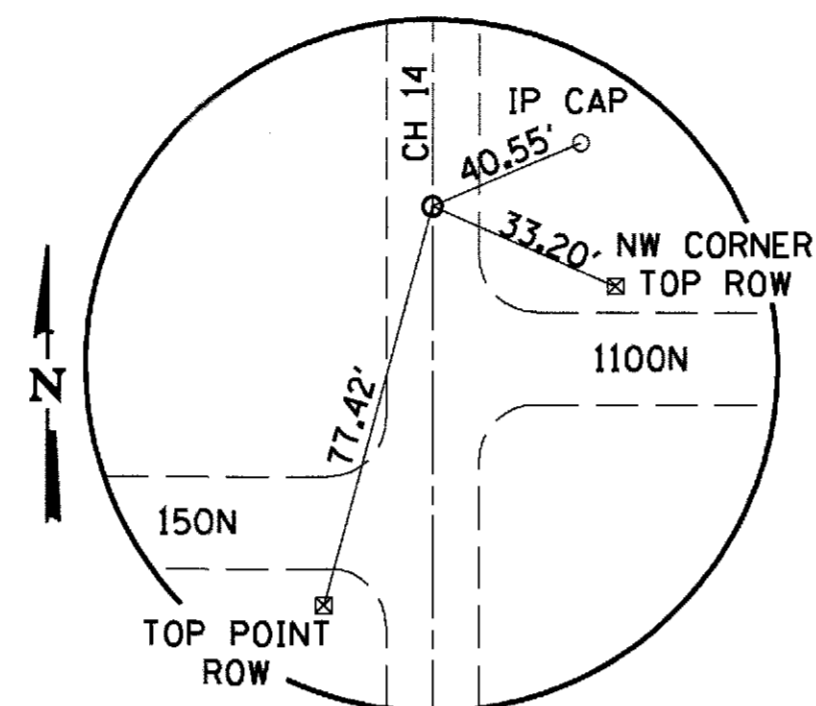
CONTROL POINT	STATION	COORDINATES	
		NORTHING	EASTING
P.O.T	00+09.00	1,143,404.08	948,026.76
P.I.	26+50.19	1,146,063.25	948,035.01
P.I.	52+78.24	1,148,691.29	948,043.52
P.I.	62+10.77	1,149,623.81	948,047.33
P.I.	66+52.84	1,150,065.88	948,048.59
P.I.	77+99.27	1,151,212.28	948,057.31
P.I.	80+50.74	1,151,463.75	948,058.70
P.O.T	88+02.34	1,152,215.35	948,057.84

PERMANENT SURVEY MARKERS

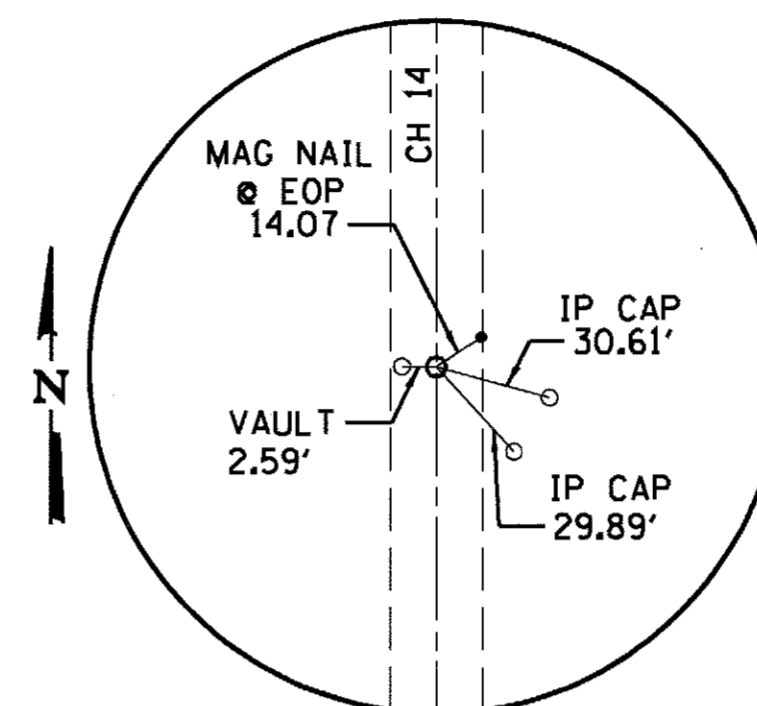
POINT	STATION	COORDINATES	
		NORTHING	EASTING
1/4 SEC CORNER	26+32.62	1,146,045.69	948,034.02
SEC CORNER	52+78.39	1,148,691.46	948,040.93
P.I.	80+50.74	1,151,463.75	948,058.70



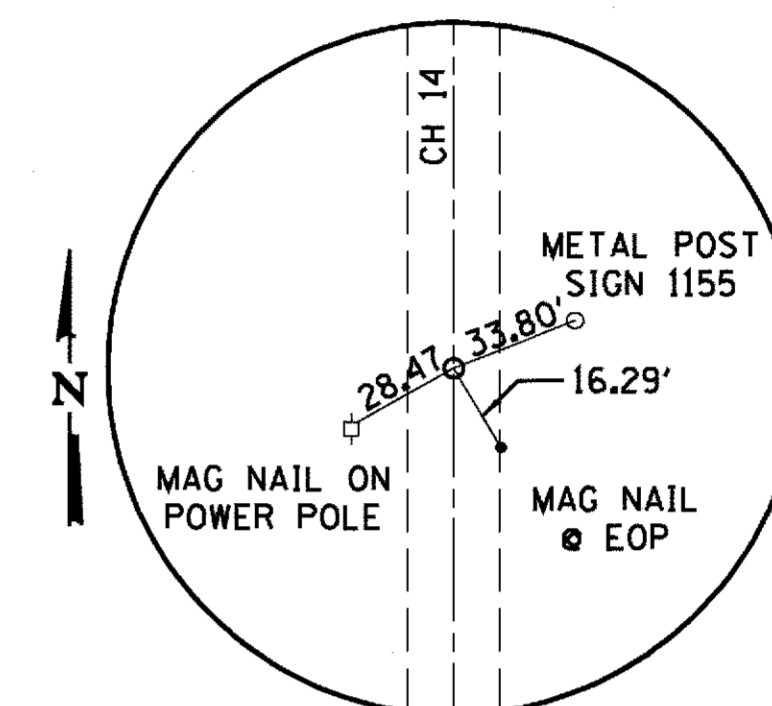
POT STA 0+09.00 SOUTH
IDOT BRASS TABLET



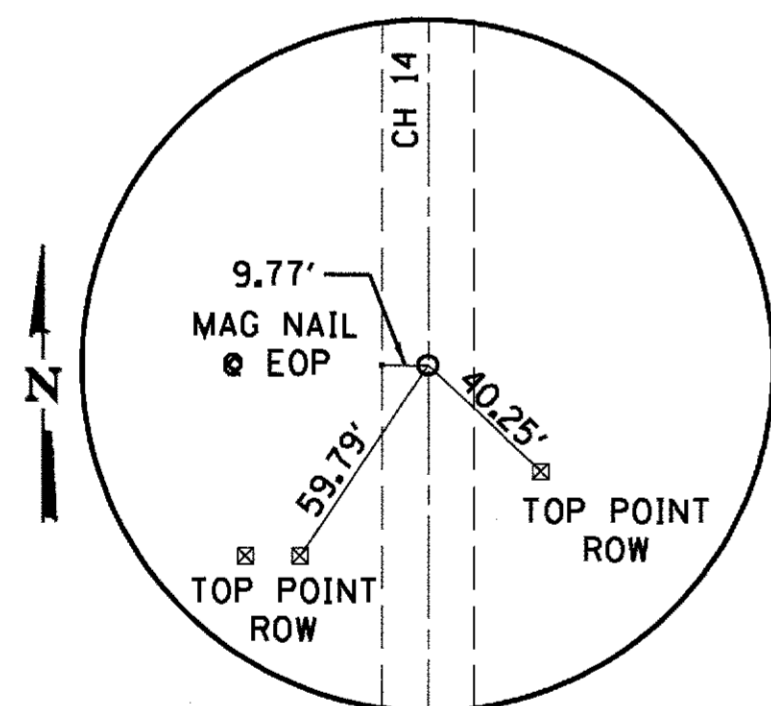
PI STA 26+50.19 NORTH
MAG NAIL (SET)



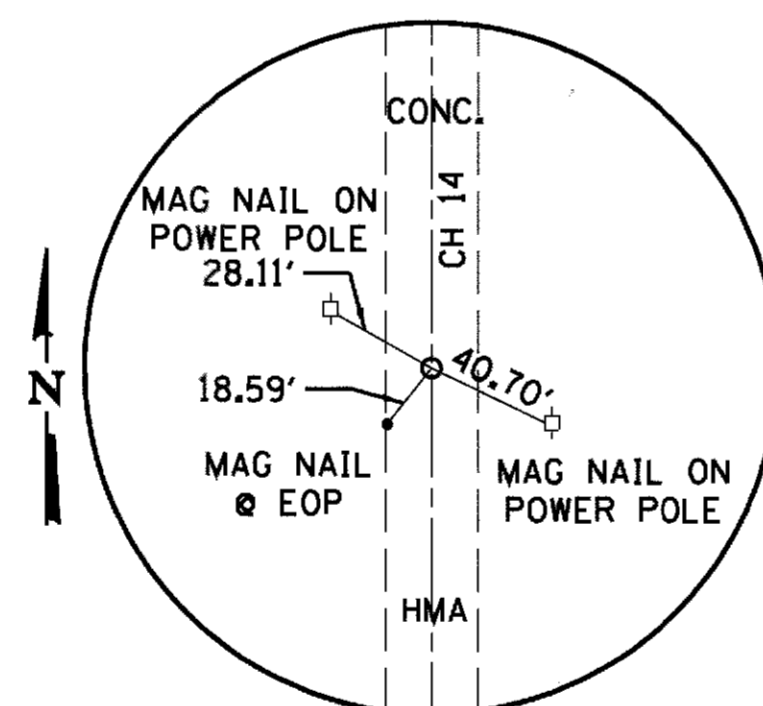
PI STA 52+78.24
MAG NAIL (SET)



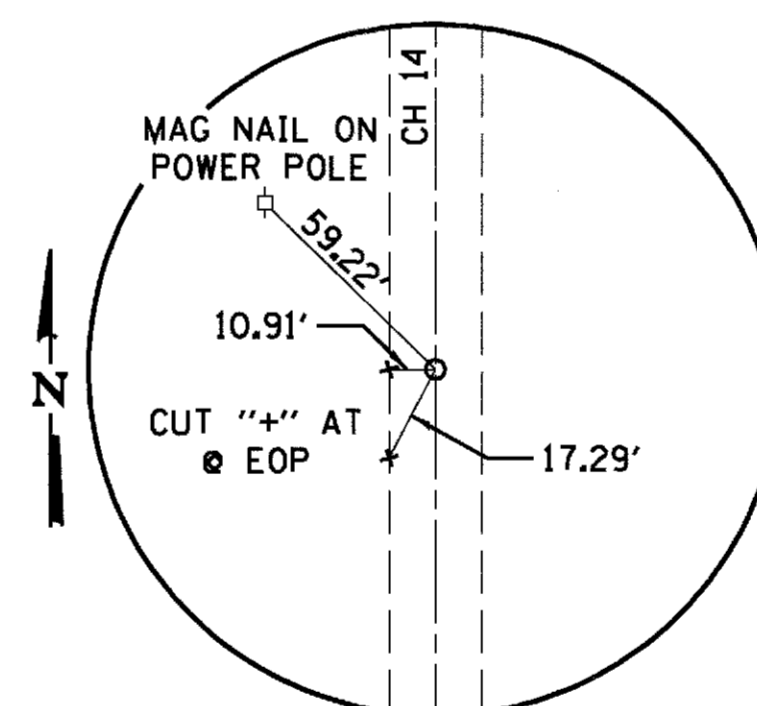
PI STA 62+10.77
MAG NAIL (SET)



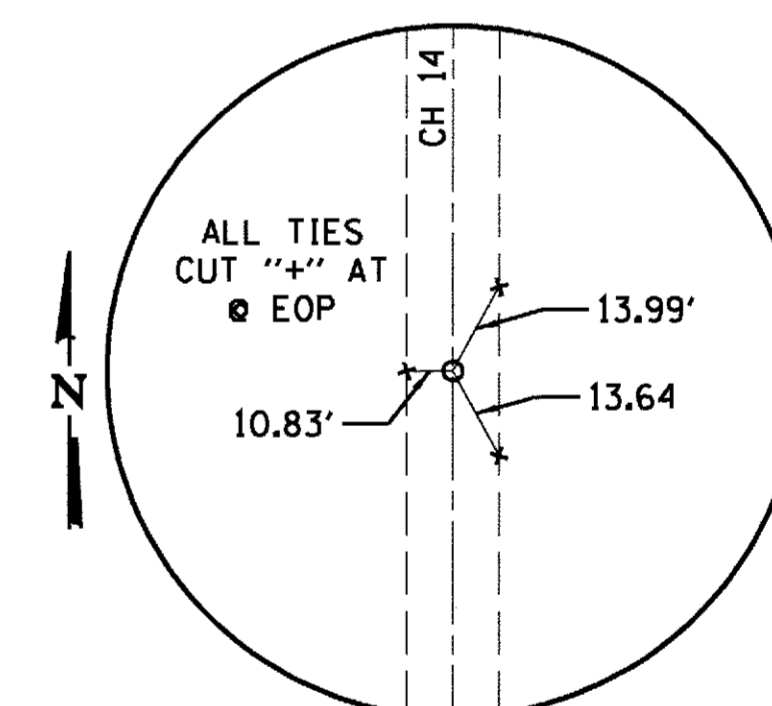
PI STA 66+52.84
MAG NAIL (SET)



PI STA 77+99.27
MAG NAIL (SET)

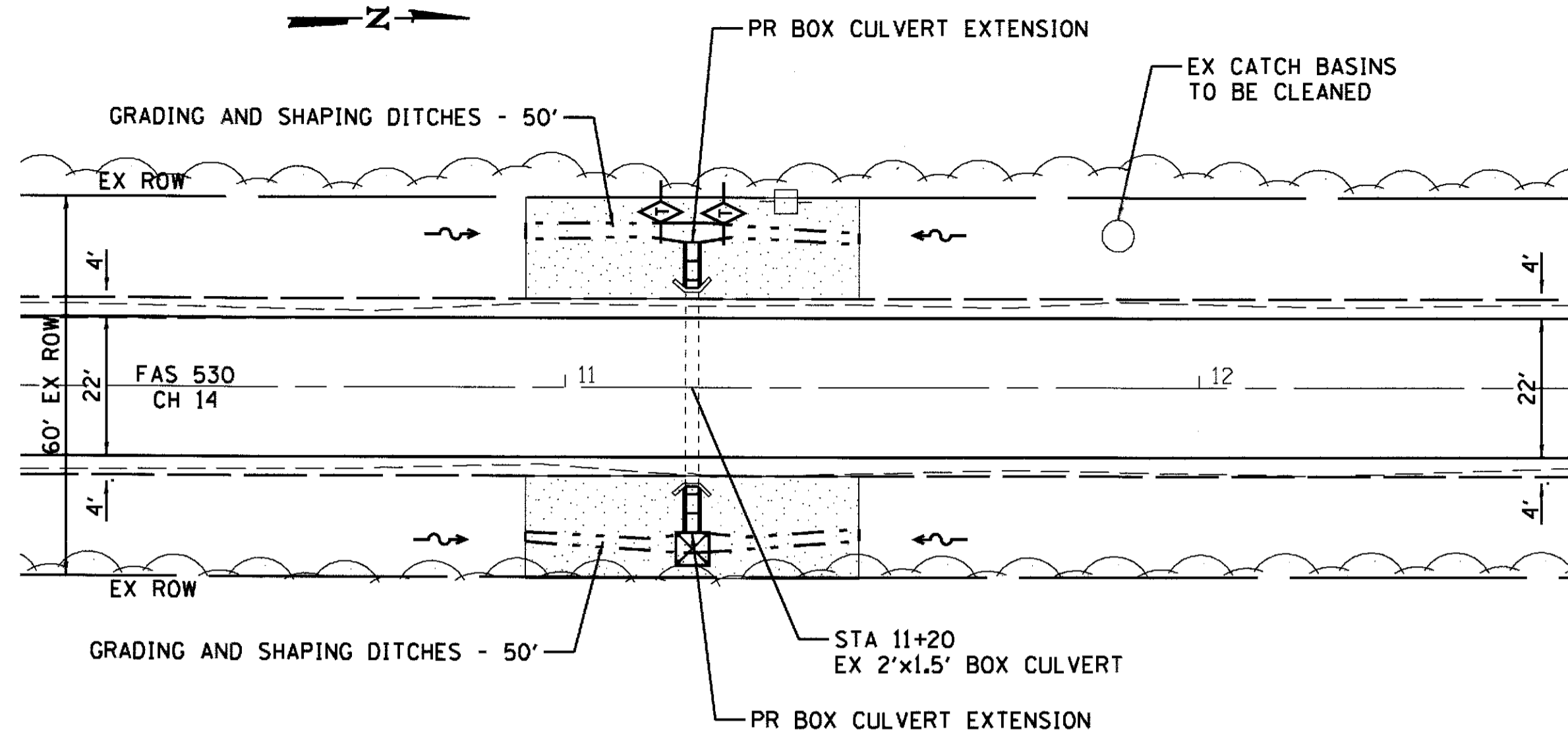


PI STA 80+50.74
3/8" Ø IRON PIN IN
ALUMINUM VAULT (IDOT)

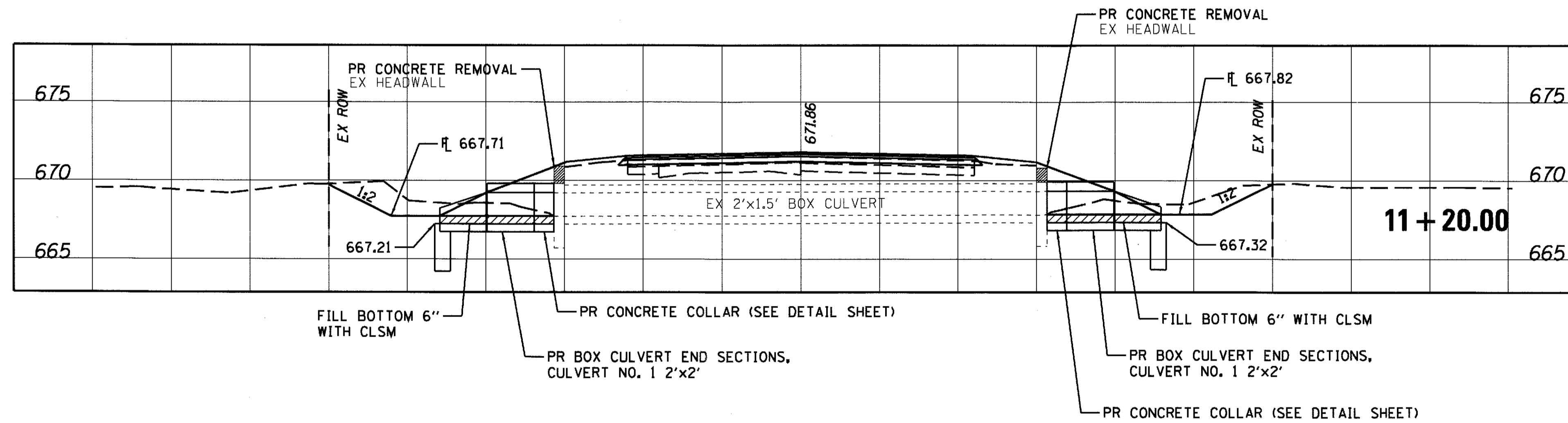


POT STA 88+02.34
MAG NAIL (SET)

SE 1/4, SEC 25, T16N, R6E, 3RD PM



SW 1/4, SEC 30, T16N, R7E, 3RD PM






**BILL OF MATERIAL
(2 EXTENSIONS)**

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	0.2
EXPANSION BOLTS 3/4"	EACH	16
REINFORCEMENT BARS	POUND	40
CONCRETE COLLAR	CU YD	0.42
BOX CULVERT END SECTIONS, CULVERT NO. 1 (2'x2')	EACH	2
GRADING AND SHAPING DITCHES	FOOT	100
CATCH BASINS TO BE CLEANED	EACH	1
INLET AND PIPE PROTECTION	EACH	1
TEMPORARY DITCH CHECKS	FOOT	20

SEE SCHEDULES FOR ADDITIONAL QUANTITIES

LEGEND

-  TEMPORARY EROSION CONTROL SEEDING SEEDING CLASS 2 (SPECIAL)
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECKS

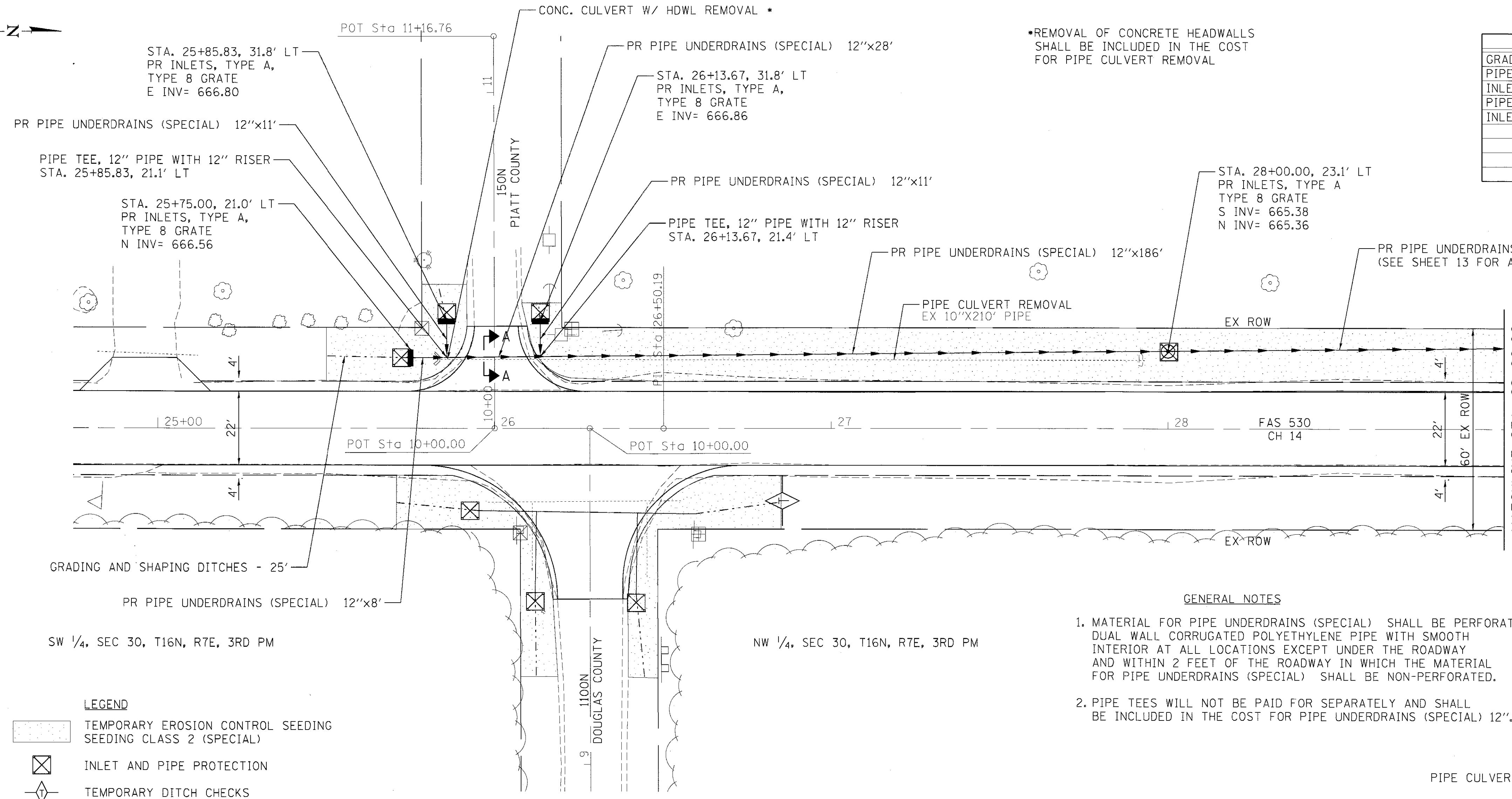
SE 1/4, SEC 25, T16N, R6E, 3RD PM

NW 1/4, SEC 25, T16N, R6E, 3RD PM

BILL OF MATERIAL
(2 EXTENSIONS)

ITEM	UNIT	TOTAL
GRADING AND SHAPING DITCHES	FOOT	25
PIPE CULVERT REMOVAL	FOOT	210
INLET AND PIPE PROTECTION	EACH	4
PIPE UNDERDRAINS (SPECIAL) 12"	FOOT	341
INLETS, TYPE A, TYPE B GRATE	EACH	4

SEE SCHEDULES FOR ADDITIONAL QUANTITIES



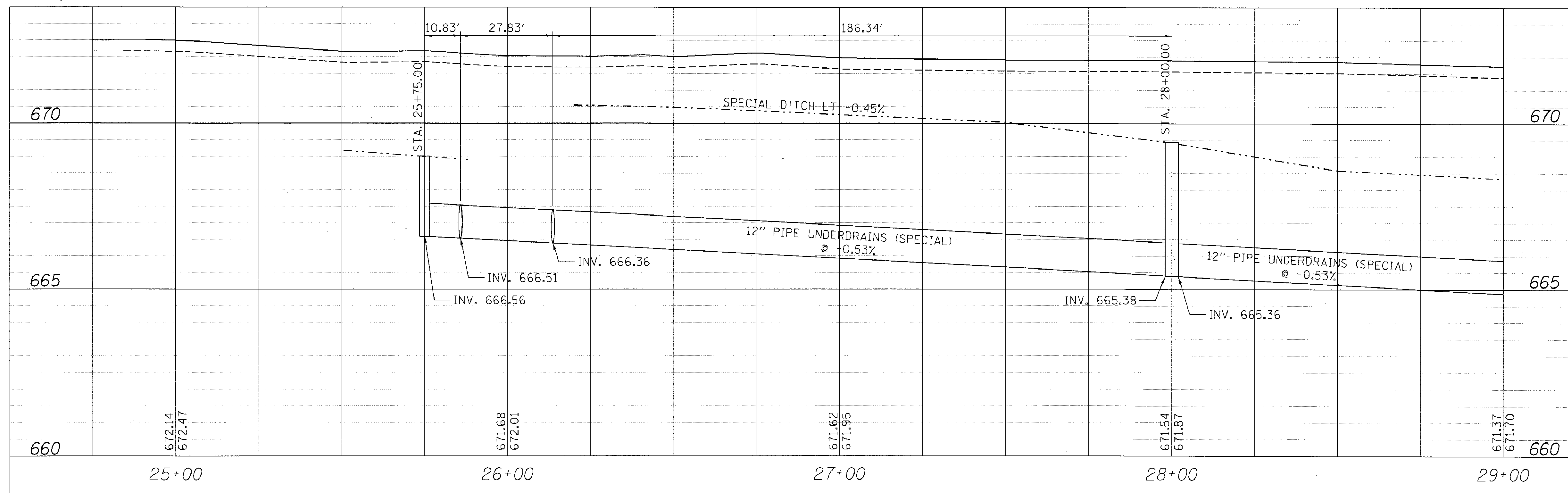
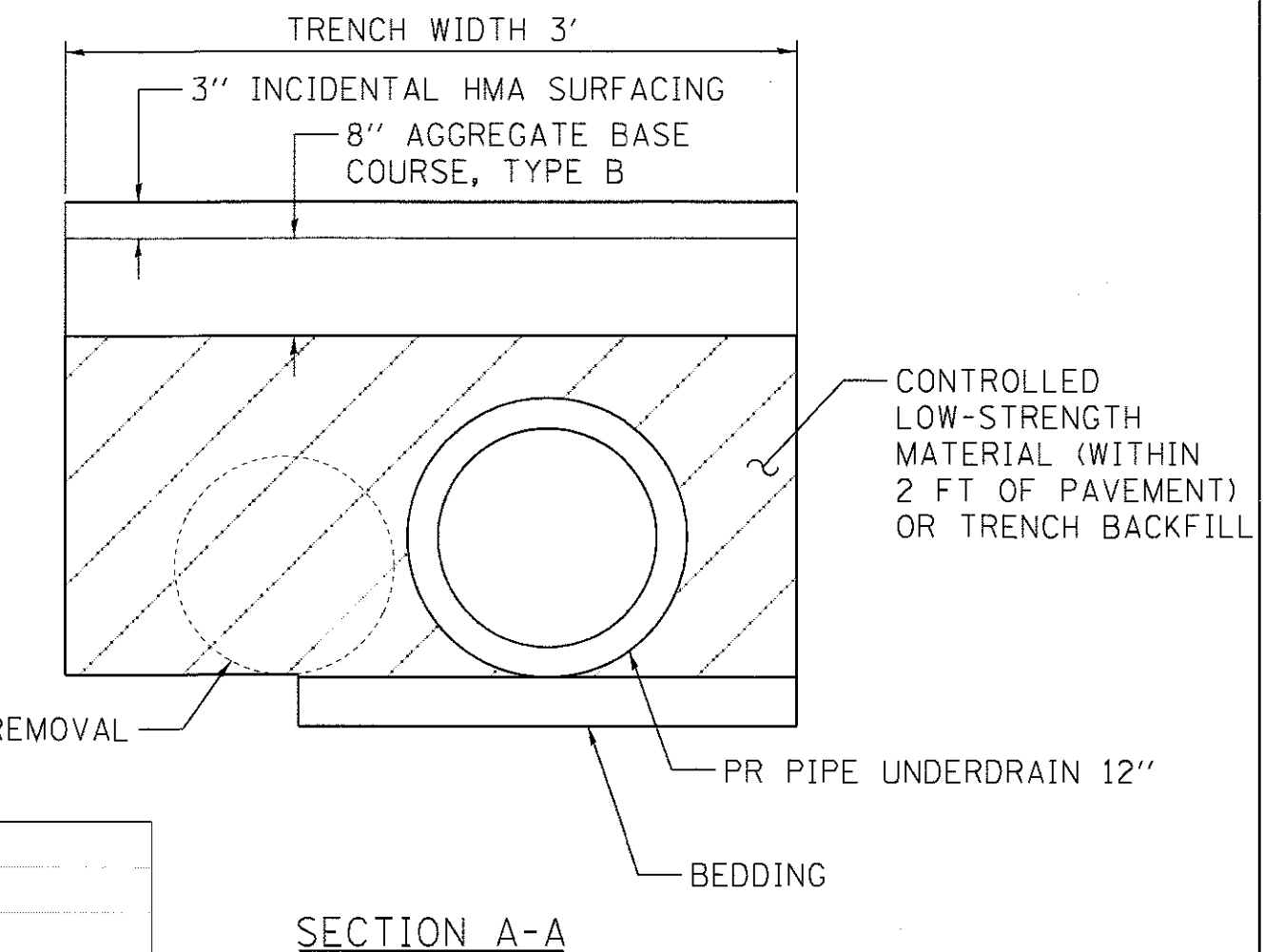
GRADING AND SHAPING DITCHES - 25'

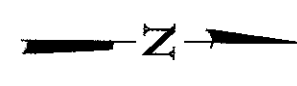
SW 1/4, SEC 30, T16N, R7E, 3RD PM

NW 1/4, SEC 30, T16N, R7E, 3RD PM

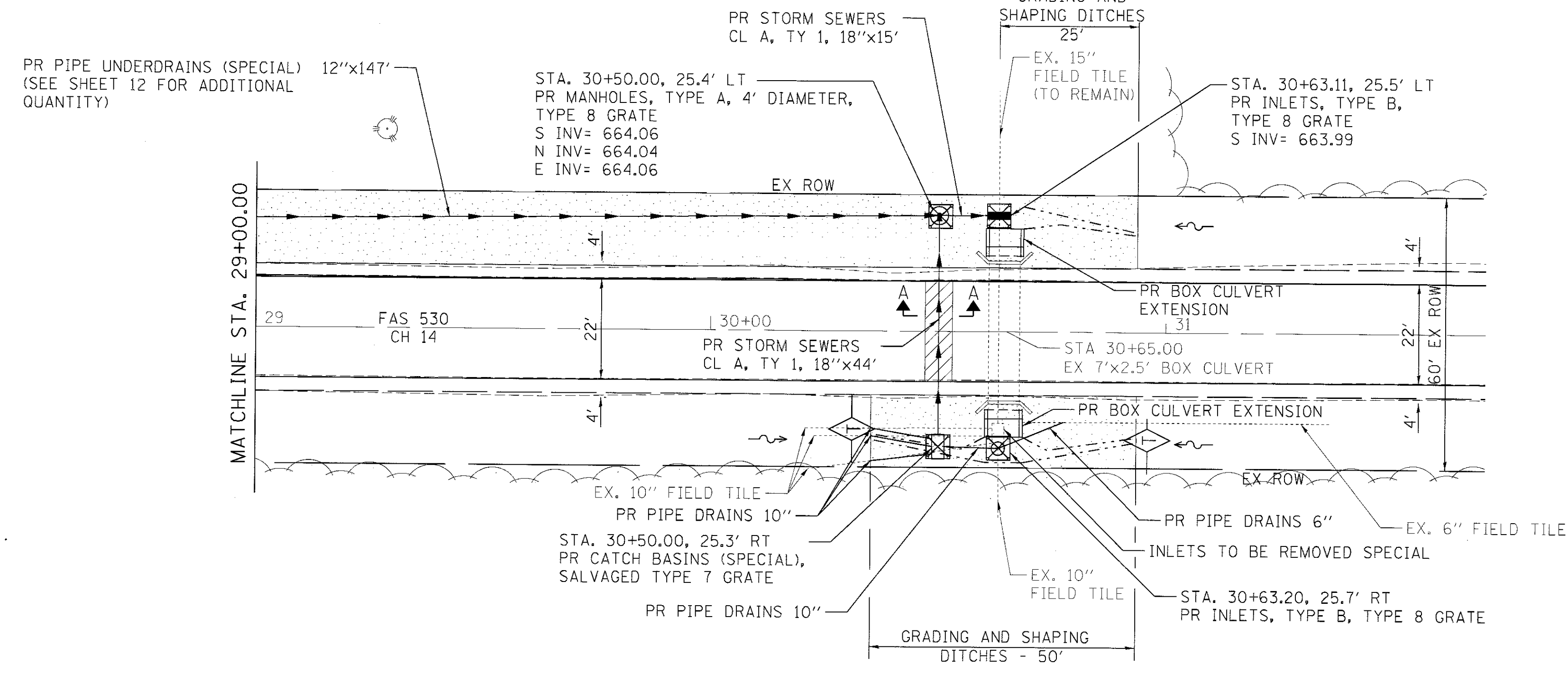
- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING SEEDING CLASS 2 (SPECIAL)
 - INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECKS

- GENERAL NOTES**
- MATERIAL FOR PIPE UNDERDRAINS (SPECIAL) SHALL BE PERFORATED DUAL WALL CORRUGATED POLYETHYLENE PIPE WITH SMOOTH INTERIOR AT ALL LOCATIONS EXCEPT UNDER THE ROADWAY AND WITHIN 2 FEET OF THE ROADWAY IN WHICH THE MATERIAL FOR PIPE UNDERDRAINS (SPECIAL) SHALL BE NON-PERFORATED.
 - PIPE TEES WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST FOR PIPE UNDERDRAINS (SPECIAL) 12".





NW 1/4, SEC 25, T16N, R6E, 3RD PM



BILL OF MATERIAL
(2 EXTENSIONS)

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	0.2
EXPANSION BOLTS 3/4"	EACH	56
REINFORCEMENT BARS	POUND	80
CONCRETE COLLAR	CU YD	1.52
BOX CULVERT END SECTION CULVERT NO. 2 (7'x3')	EACH	2
EXPLORATION TRENCH 52" DEPTH	FOOT	200
GRADING AND SHAPING DITCHES	FOOT	75
INLETS, TYPE B, TYPE 8 GRATE	EACH	2
MANHOLES TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1
CATCH BASINS (SPECIAL)	EACH	1
PIPE DRAINS 6"	FOOT	14
PIPE DRAINS 10"	FOOT	53
INLET AND PIPE PROTECTION	EACH	4
TEMPORARY DITCH CHECKS	FOOT	20
STORM SEWER, CLASS A, TYPE 1, 18"	FOOT	59
INLETS TO BE REMOVED SPECIAL	EACH	1

SEE SCHEDULES FOR ADDITIONAL QUANTITIES

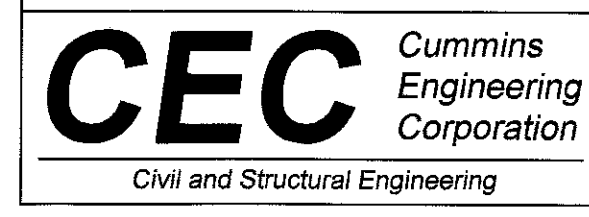
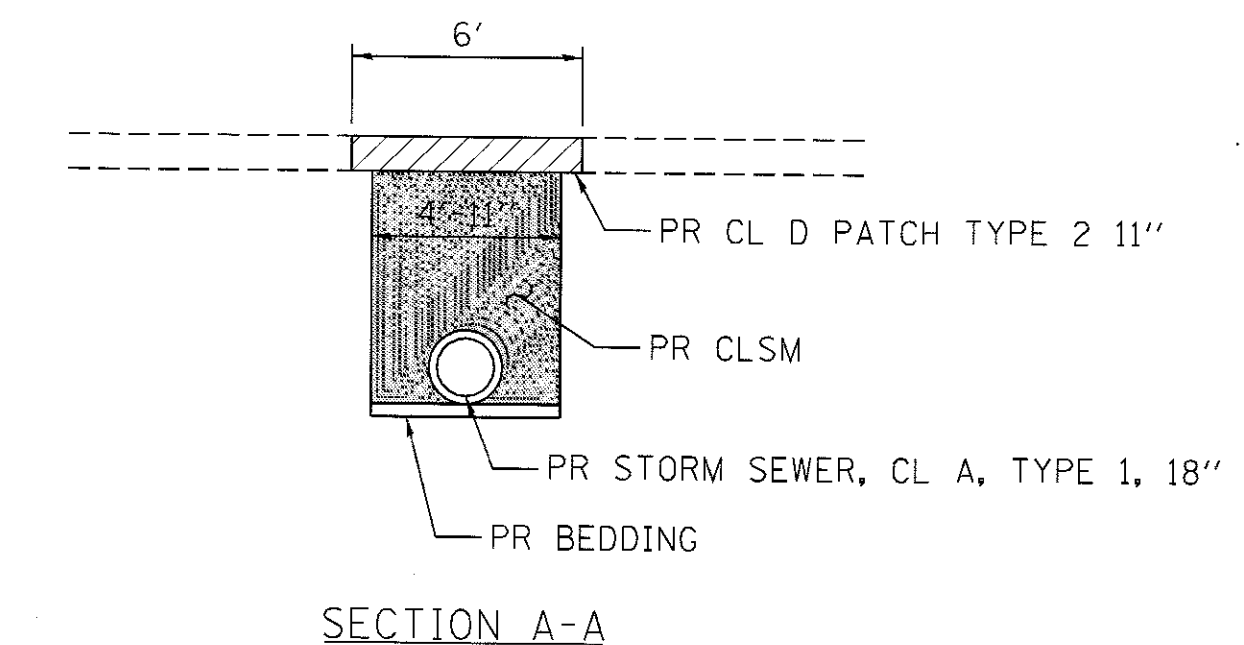
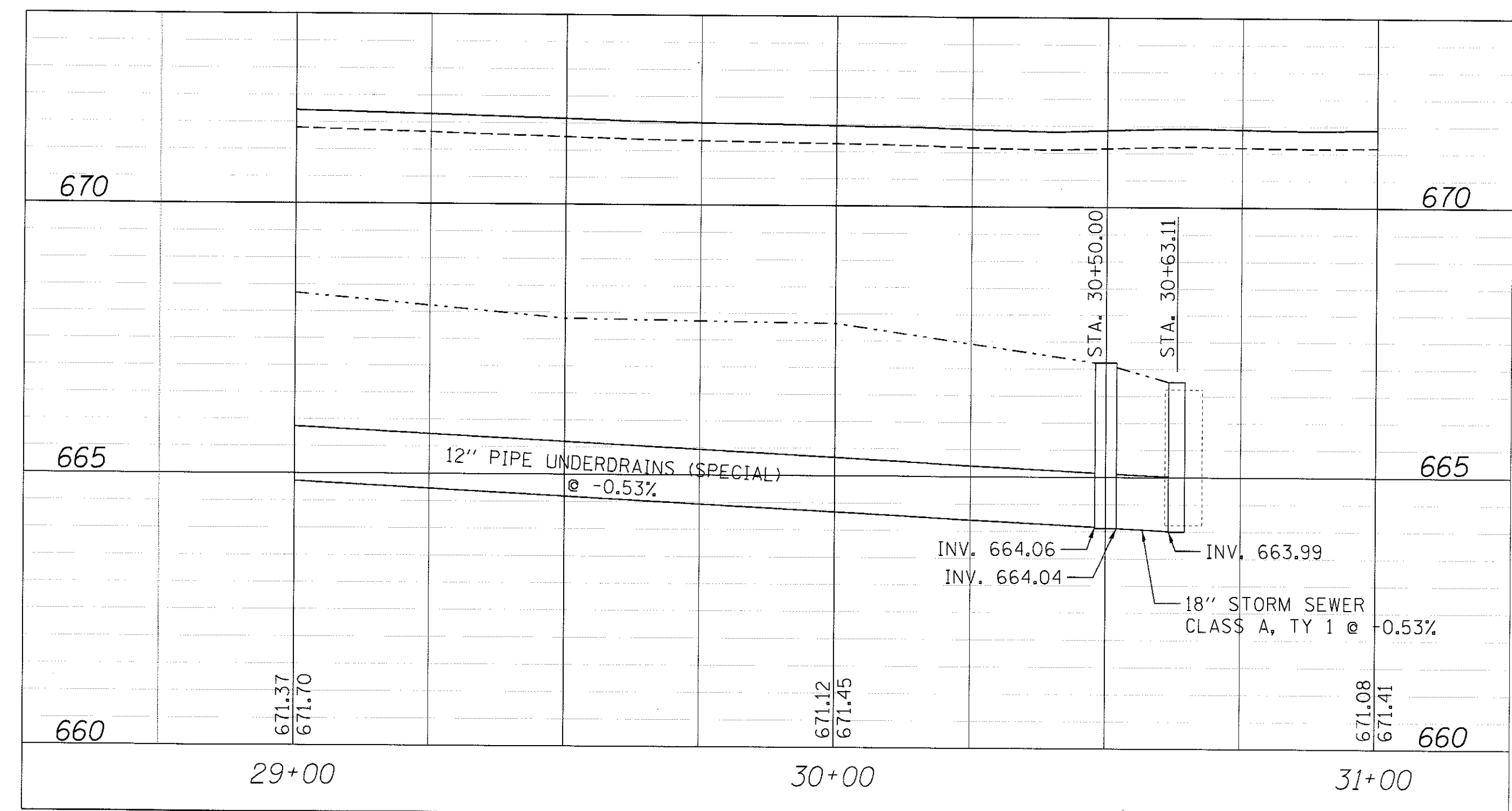
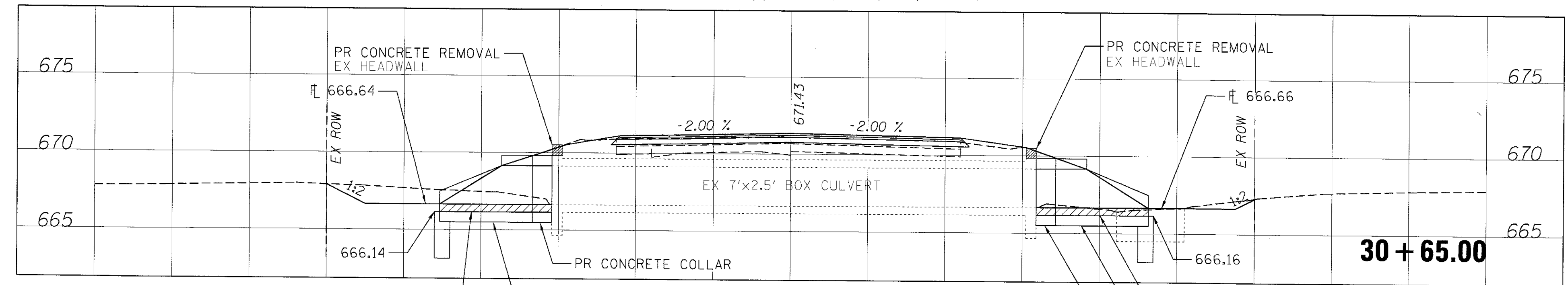
FILL ABANDONED 15" FIELD TILE UNDER BOX CULVERT WITH CLSM

LEGEND

- TEMPORARY EROSION CONTROL SEEDING SEEDING CLASS 2 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS

NOTES
EXISTING FIELD TILES SHALL BE LOCATED PRIOR TO ORDERING MATERIALS.
EXISTING FIELD TILES SHALL BE CONNECTED TO PROPOSED PIPE DRAINS AND INLETS IN A MANNER APPROVED BY THE ENGINEER. COST INCLUDED IN THE COST OF THE VARIOUS PAY ITEMS.

NW 1/4, SEC 30, T16N, R7E, 3RD PM



JOB = 2446	DESIGNED - NAK	REVISED -
FILE NAME = 2446-sht-plan2.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 20,0000' / 1"	CHECKED - NAK	REVISED -
PLOT DATE = 8/22/2017	DATE - 8/4/2016	REVISED -

PIATT COUNTY
CH 14 IMPROVEMENTS

SCALE:		SHEET NO. OF SHEETS		STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	13
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 91551	

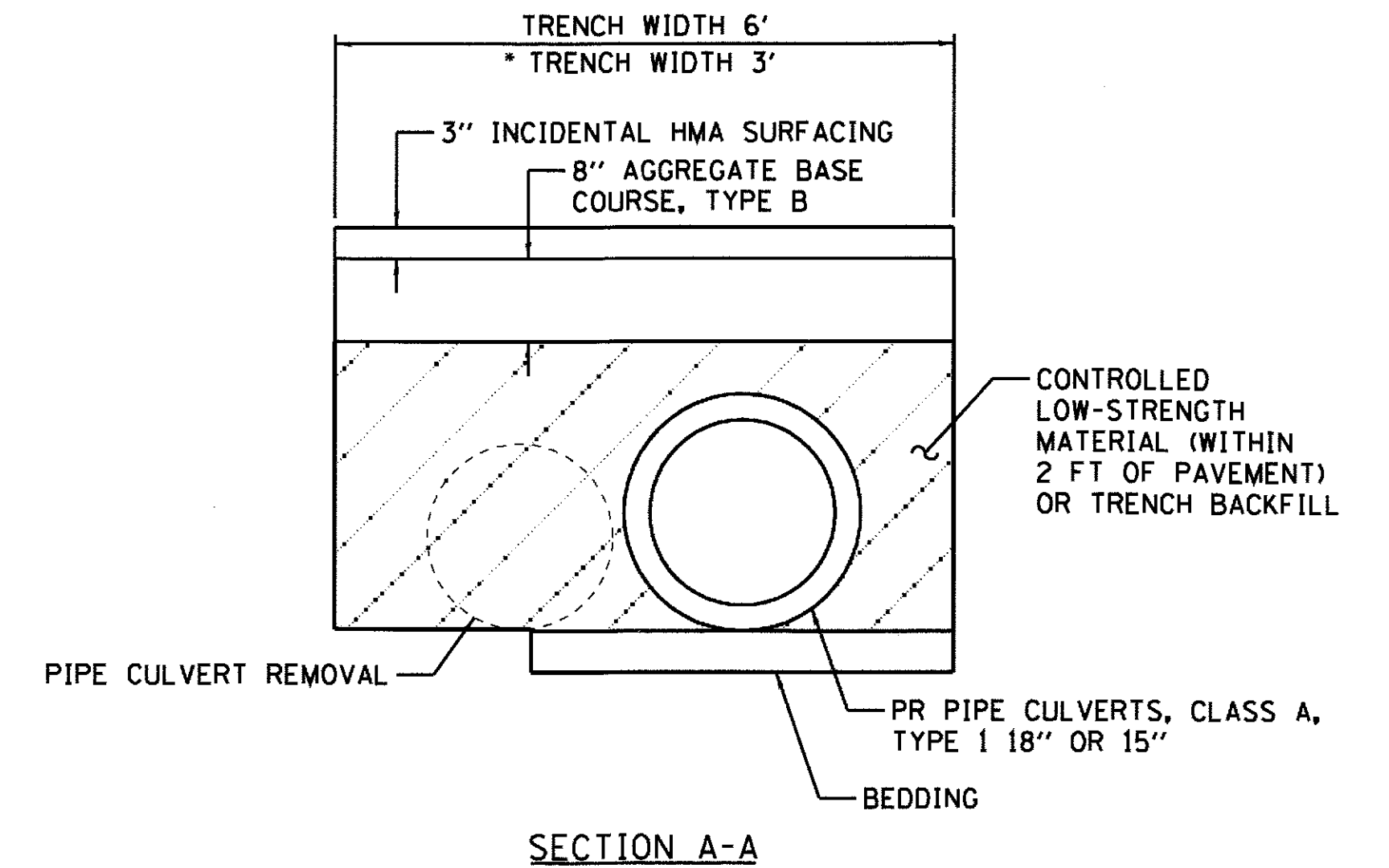
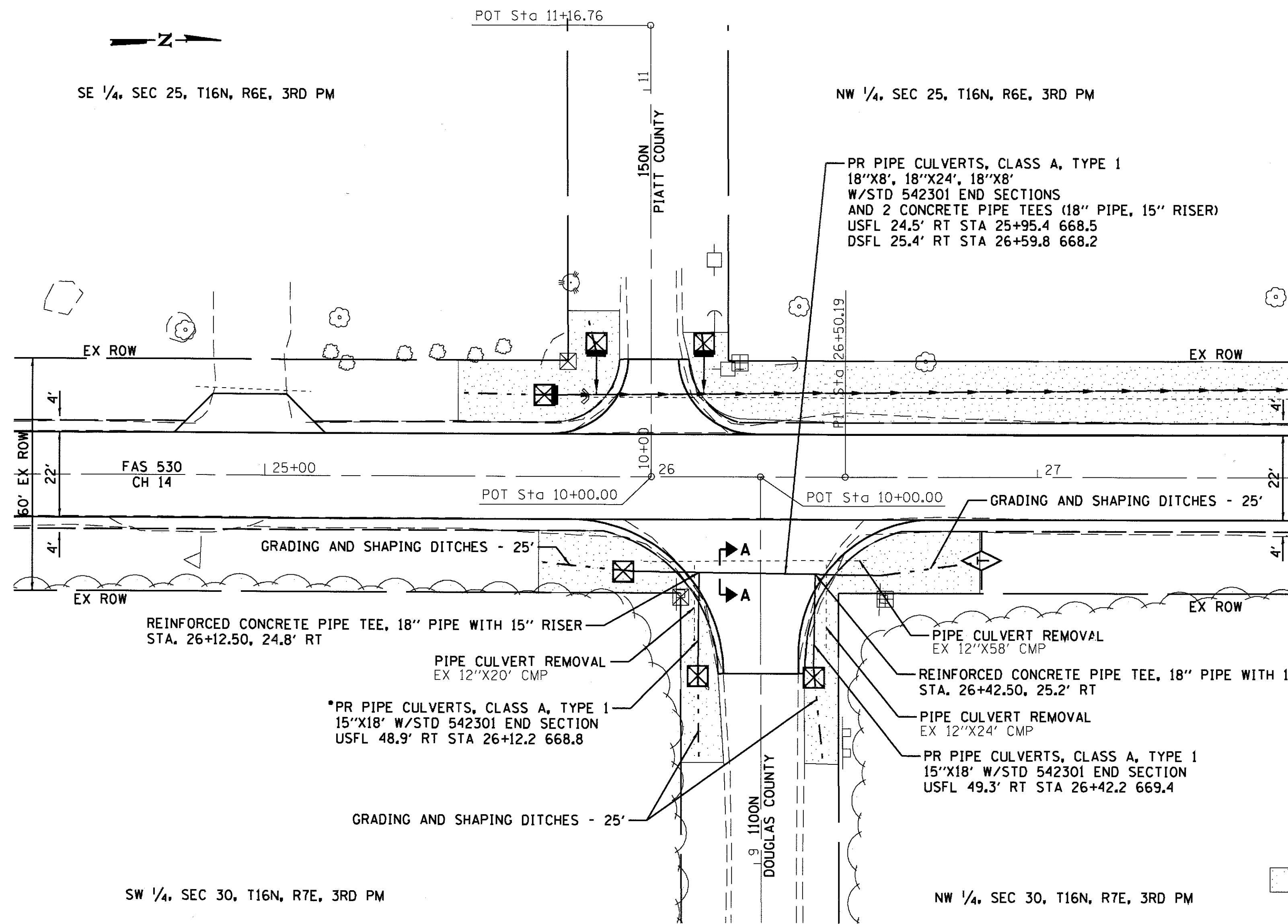
SE 1/4, SEC 25, T16N, R6E, 3RD PM

NW 1/4, SEC 25, T16N, R6E, 3RD PM

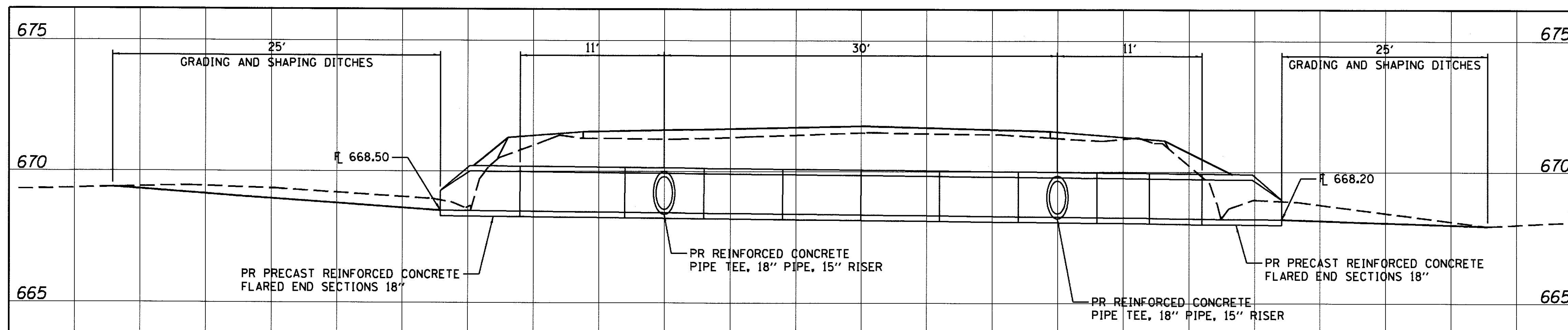
**BILL OF MATERIAL
(2 EXTENSIONS)**

ITEM	UNIT	TOTAL
PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	36
PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	40
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 15" RISER	EACH	2
GRADING AND SHAPING DITCHES	FOOT	100
PIPE CULVERT REMOVAL	FOOT	102
INLET AND PIPE PROTECTION	EACH	3
TEMPORARY DITCH CHECKS	FOOT	10

SEE SCHEDULES FOR ADDITIONAL QUANTITIES

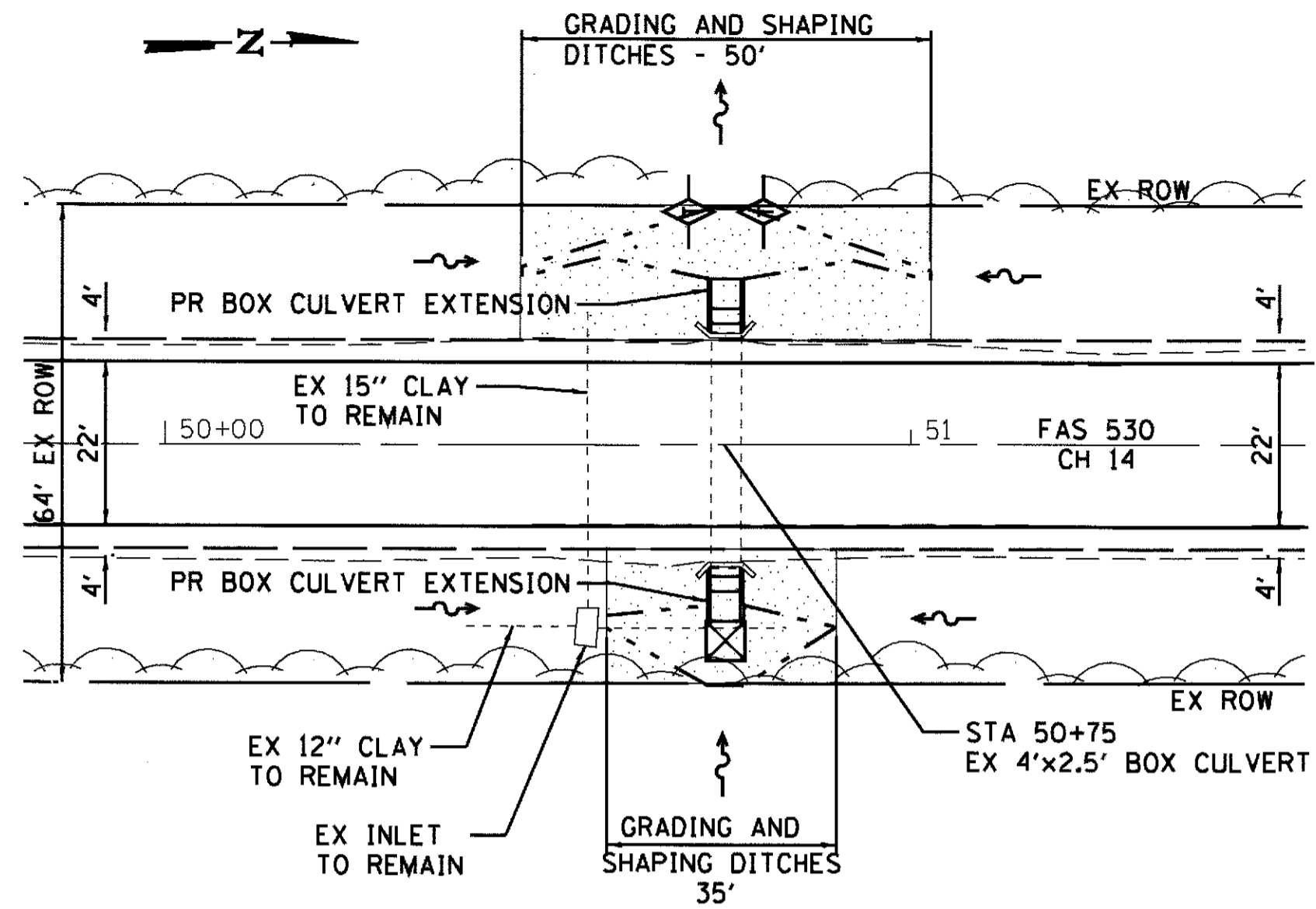


- LEGEND**
- TEMPORARY EROSION CONTROL SEEDING SEEDING CLASS 2 (SPECIAL)
 - INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECKS

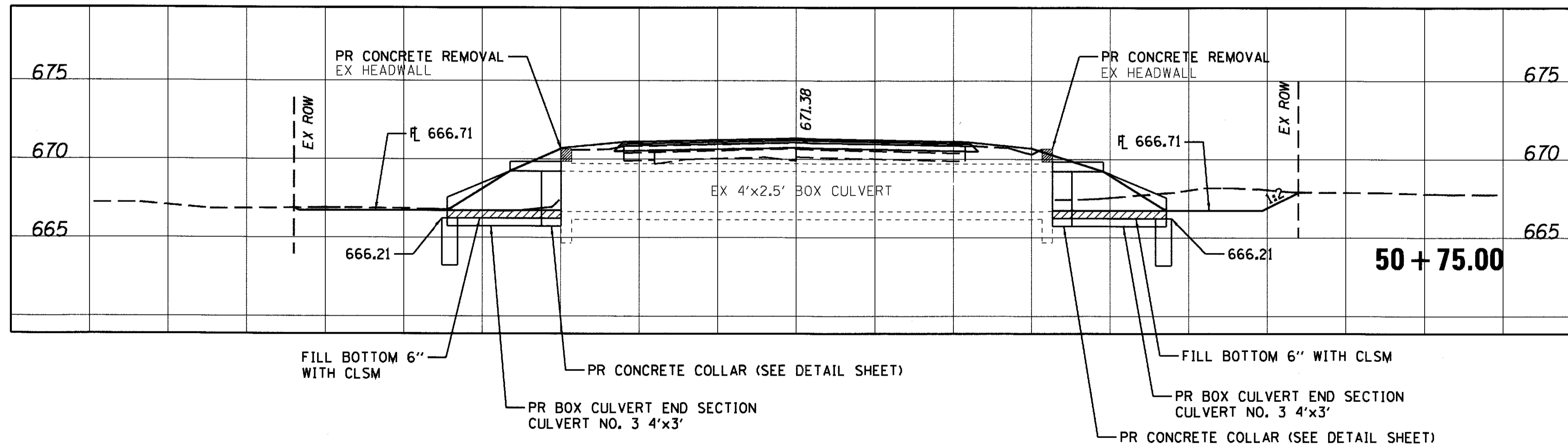


PR PIPE CULVERT DETAIL

NE 1/4, SEC 25, T16N, R6E, 3RD PM



NW 1/4, SEC 30, T16N, R7E, 3RD PM



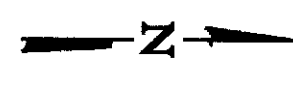
BILL OF MATERIAL
(2 EXTENSIONS)

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	0.2
EXPANSION BOLTS 3/4"	EACH	40
REINFORCEMENT BARS	POUND	60
CONCRETE COLLAR	CU YD	1.04
BOX CULVERT END SECTION CULVERT NO. 3 (4'x3')	EACH	2
GRADING AND SHAPING DITCHES	FOOT	85
INLET AND PIPE PROTECTION	EACH	1
TEMPORARY DITCH CHECKS	FOOT	20

SEE SCHEDULES FOR ADDITIONAL QUANTITIES

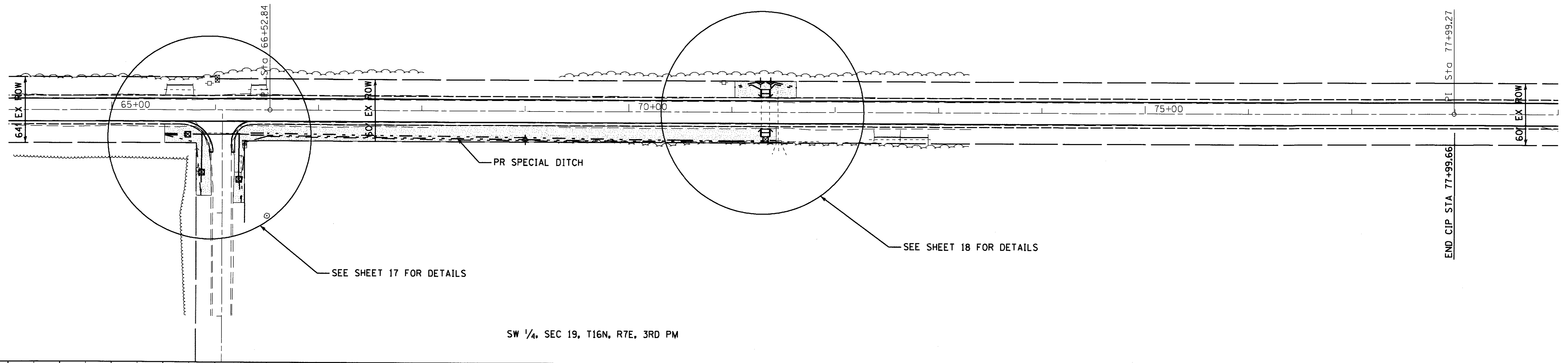
LEGEND

- TEMPORARY EROSION CONTROL SEEDING SEEDING CLASS 2 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS



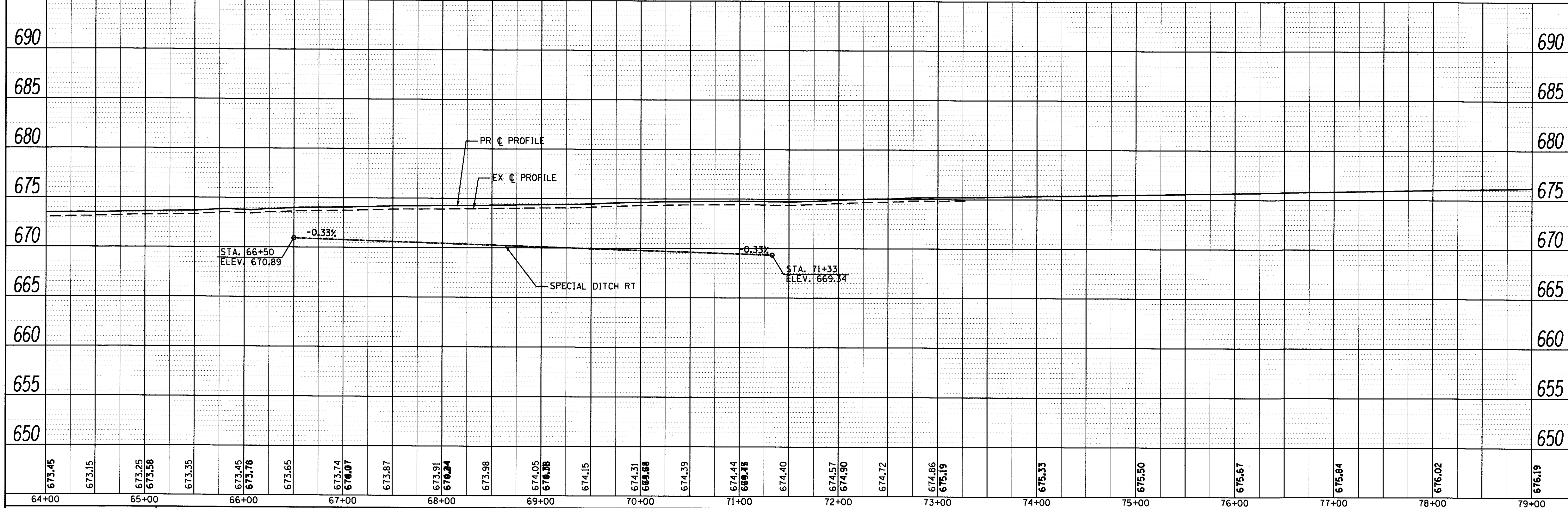
SE 1/4, SEC 24, T16N, R6E, 3RD PM

PLAN	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	FILE NAME		
	NO.		



SW 1/4, SEC 19, T16N, R7E, 3RD PM

PROFILE	SURVEYED	BY	DATE
	NOTED		
	CHECKED		
	FILE NAME		
	NO.		



673.45	673.15	673.25	673.58	673.35	673.45	673.78	673.65	673.74	670.07	673.87	673.91	670.84	673.98	674.05	670.88	674.15	674.31	669.88	674.39	674.44	669.48	674.40	674.57	674.90	674.72	674.86	675.19	675.33	675.50	675.67	675.84	676.02	676.19
64+00	65+00	66+00	67+00	68+00	69+00	70+00	71+00	72+00	73+00	74+00	75+00	76+00	77+00	78+00	79+00																		

CEC Cummins Engineering Corporation
Civil and Structural Engineering

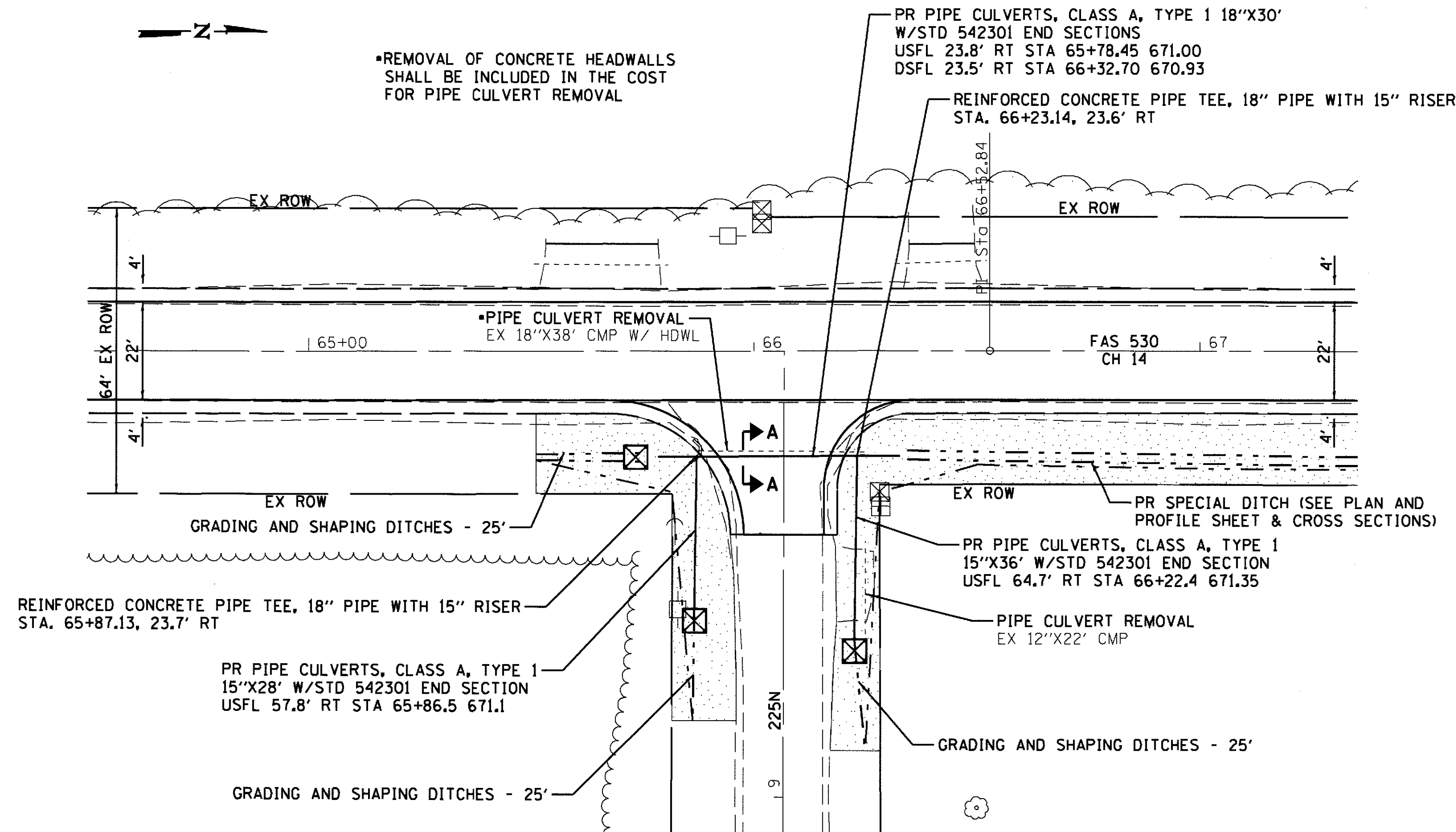
JOB = 2386	DESIGNED - NAK	REVISED -
FILE NAME = 2446-shr-plan2.dgn	DRAWN - SJS	REVISED -
PLOT SCALE = 1/8" = 1' IN.	CHECKED - NAK	REVISED -
PLOT DATE = 8/4/2017	DATE - 9/23/2016	REVISED -

**PIATT COUNTY
CH 14 IMPROVEMENTS**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 16
CONTRACT NO. 91551				
ILLINOIS FED. AID PROJECT				

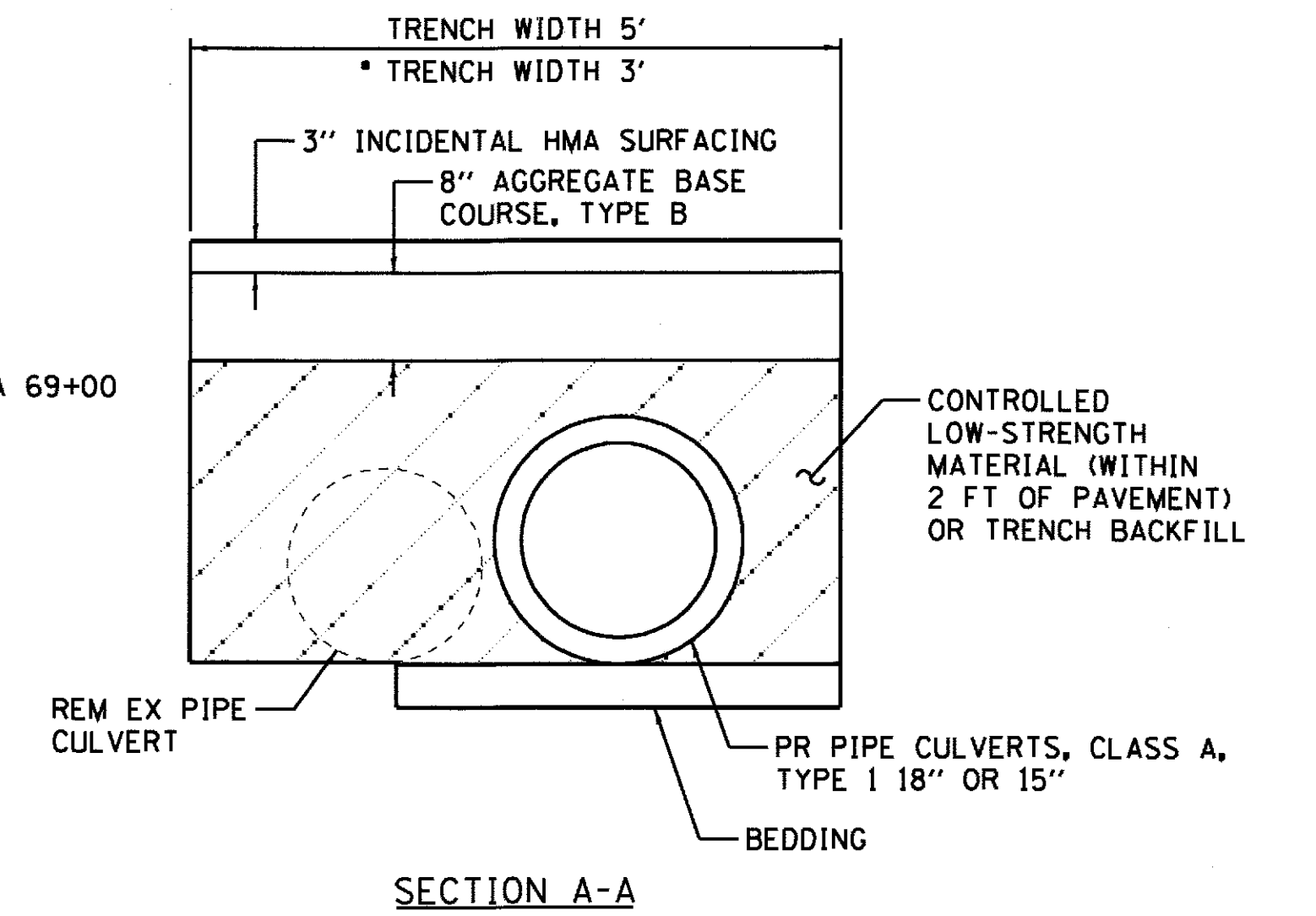
SE 1/4, SEC 24, T16N, R6E, 3RD PM



**BILL OF MATERIAL
(2 EXTENSIONS)**

ITEM	UNIT	TOTAL
PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	64
PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	30
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2
REINFORCED CONCRETE PIPE TEE, 18" PIPE WITH 15" RISER	EACH	2
GRADING AND SHAPING DITCHES	FOOT	75
PIPE CULVERT REMOVAL	FOOT	60
INLET AND PIPE PROTECTION	EACH	3
TEMPORARY DITCH CHECKS	FOOT	10

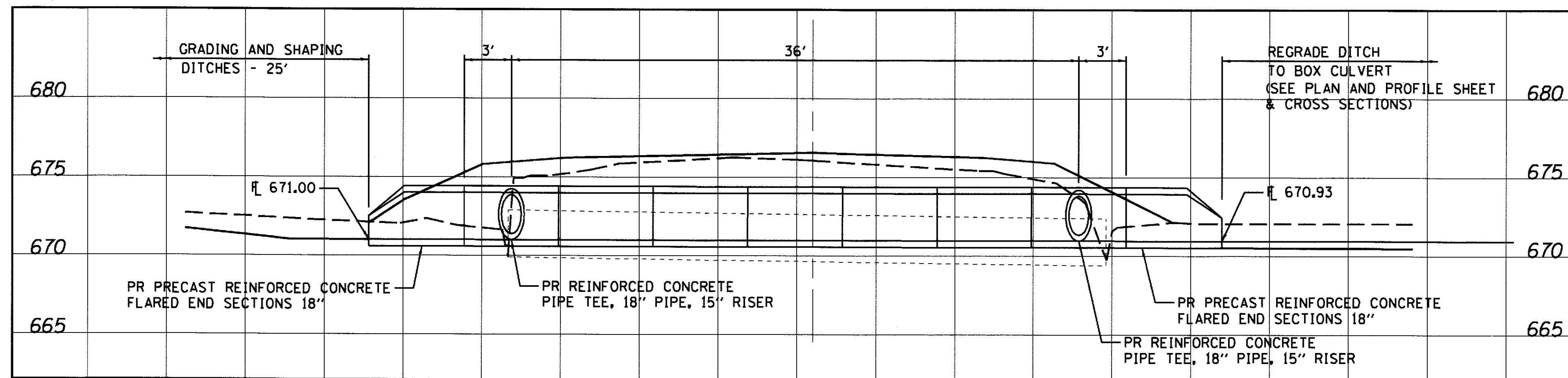
SEE SCHEDULES FOR ADDITIONAL QUANTITIES



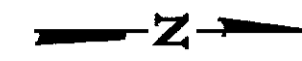
LEGEND

- TEMPORARY EROSION CONTROL SEEDING SEEDING CLASS 2 (SPECIAL)
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS

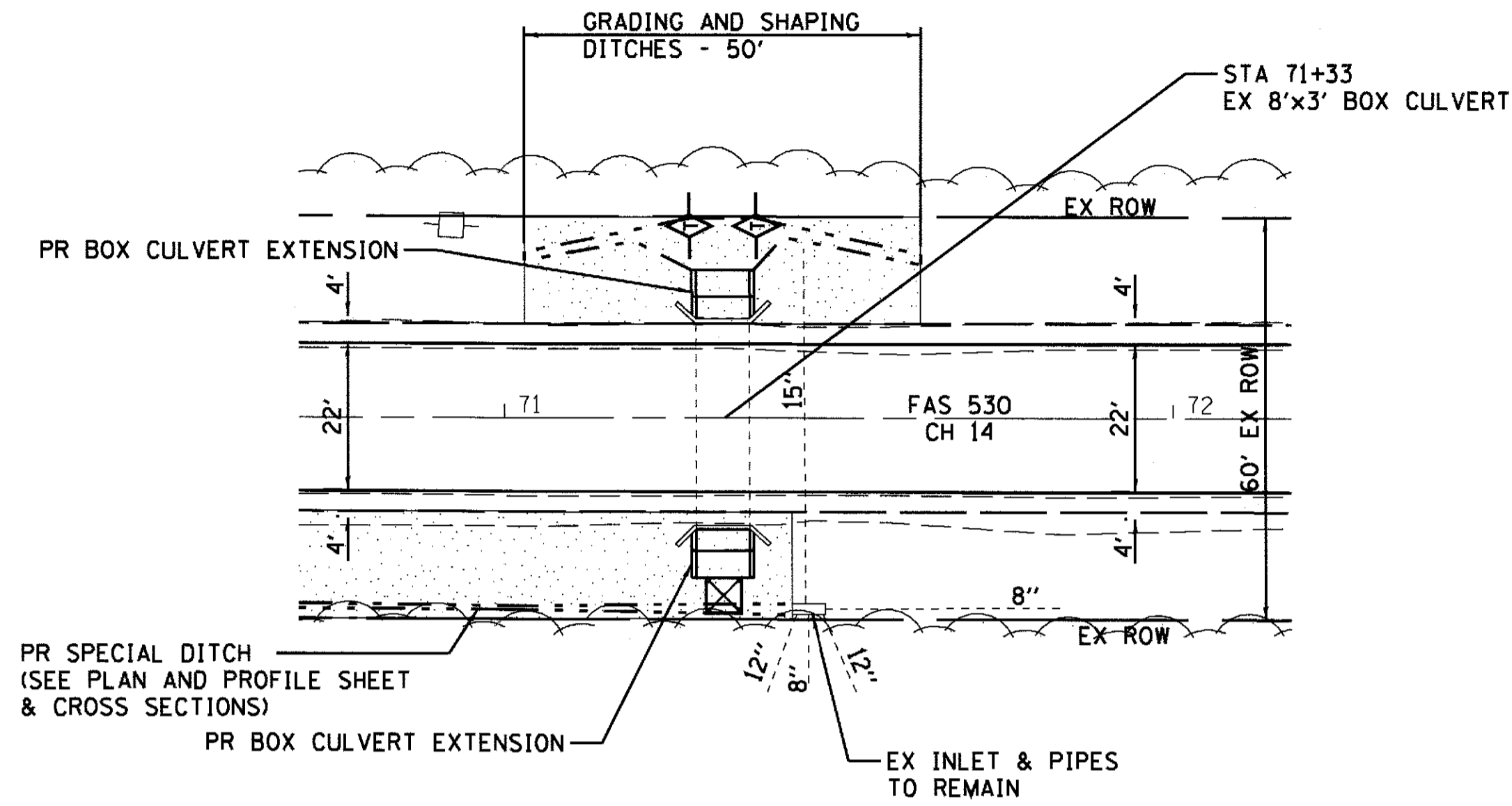
SW 1/4, SEC 19, T16N, R7E, 3RD PM



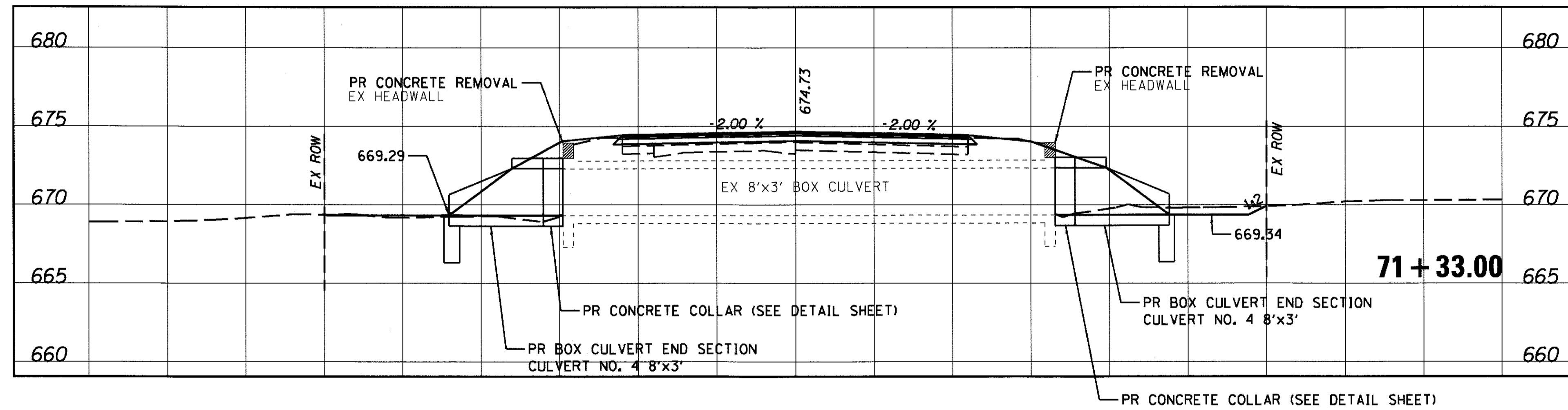
PR PIPE CULVERT DETAIL



SE 1/4, SEC 24, T16N, R6E, 3RD PM



SW 1/4, SEC 19, T16N, R7E, 3RD PM



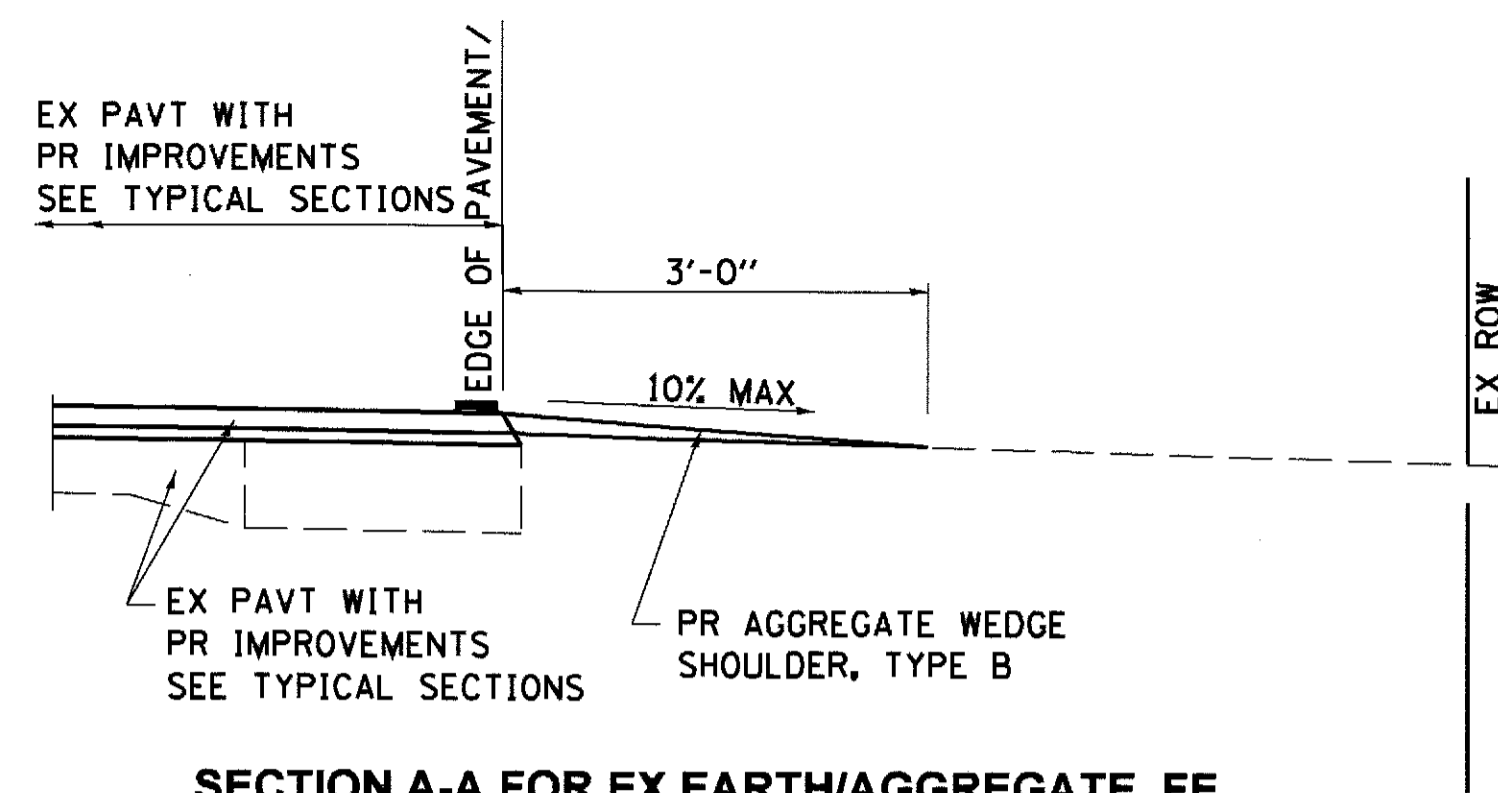
**BILL OF MATERIAL
(2 EXTENSIONS)**

ITEM	UNIT	TOTAL
CONCRETE REMOVAL	CU YD	0.4
EXPANSION BOLTS 3/4"	EACH	64
REINFORCEMENT BARS	POUND	100
CONCRETE COLLAR	CU YD	1.6
BOX CULVERT END SECTION CULVERT NO. 4 (8'x3')	EACH	2
GRADING AND SHAPING DITCHES	FOOT	50
INLET AND PIPE PROTECTION	EACH	1
TEMPORARY DITCH CHECKS	FOOT	20

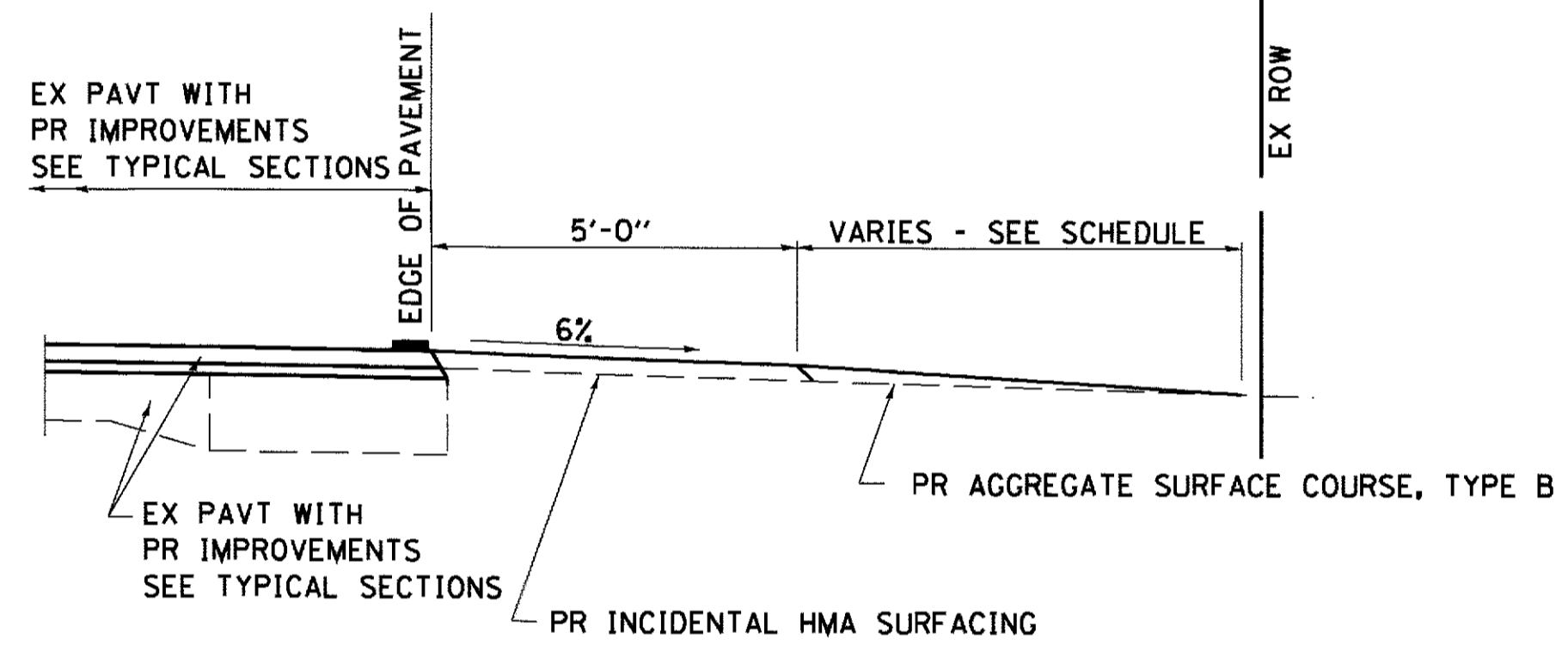
SEE SCHEDULES FOR ADDITIONAL QUANTITIES

LEGEND

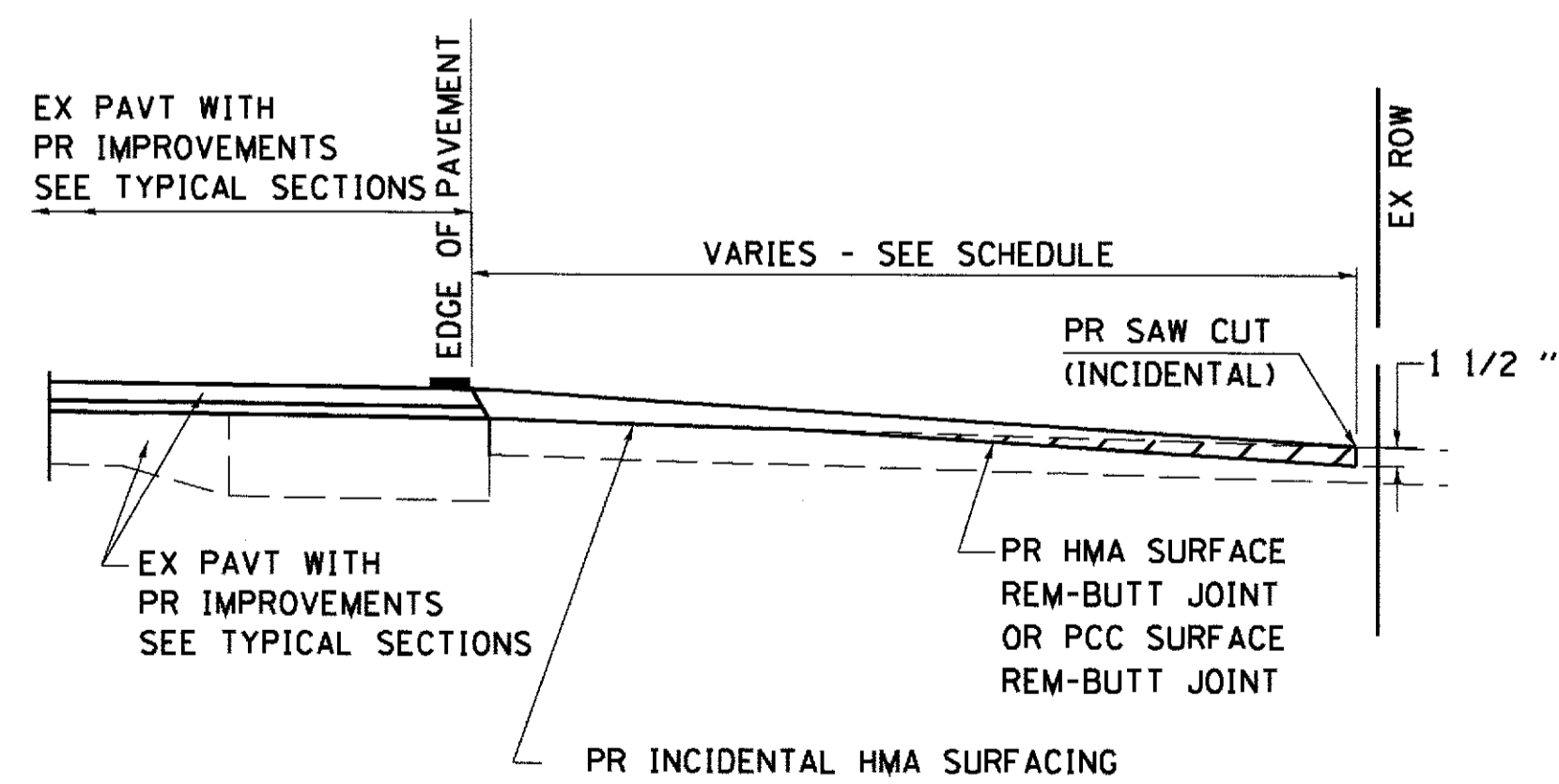
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- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECKS



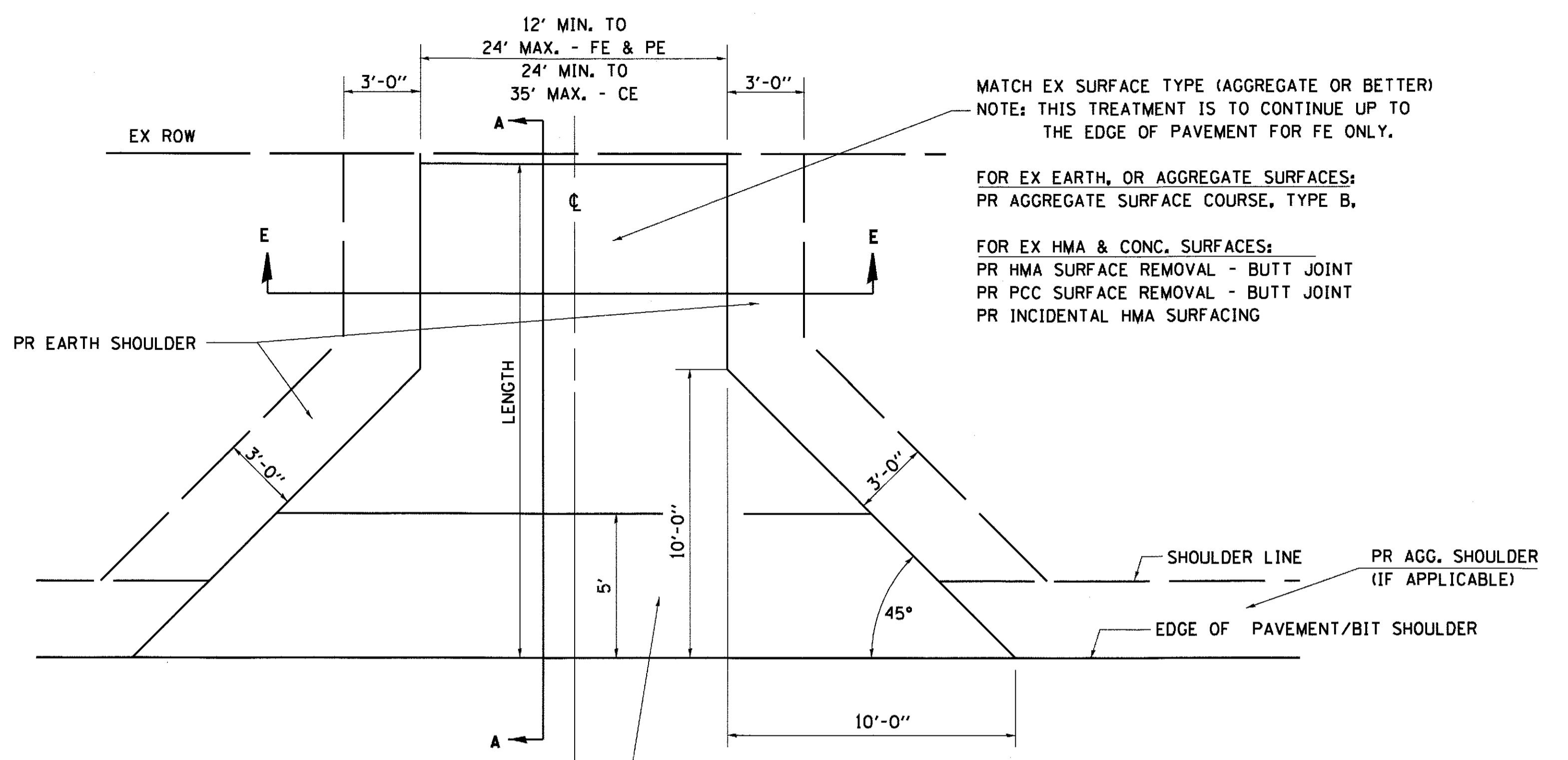
SECTION A-A FOR EX EARTH/AGGREGATE FE



SECTION A-A FOR EX AGGREGATE PE



SECTION A-A FOR EX P.C. HMA & CONC. PE & CE



FOR EX EARTH OR AGGREGATE SURFACES:
 PR AGGREGATE WEDGE SHOULDER, TYPE B - FE
 PR INCIDENTAL HMA SURFACING - PE

FOR HMA OR CONCRETE SURFACES:
 PR INCIDENTAL HMA SURFACING

MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)
 NOTE: THIS TREATMENT IS TO CONTINUE UP TO THE EDGE OF PAVEMENT FOR FE ONLY.

FOR EX EARTH, OR AGGREGATE SURFACES:
 PR AGGREGATE SURFACE COURSE, TYPE B,

FOR EX HMA & CONC. SURFACES:
 PR HMA SURFACE REMOVAL - BUTT JOINT
 PR PCC SURFACE REMOVAL - BUTT JOINT
 PR INCIDENTAL HMA SURFACING

GENERAL NOTES:

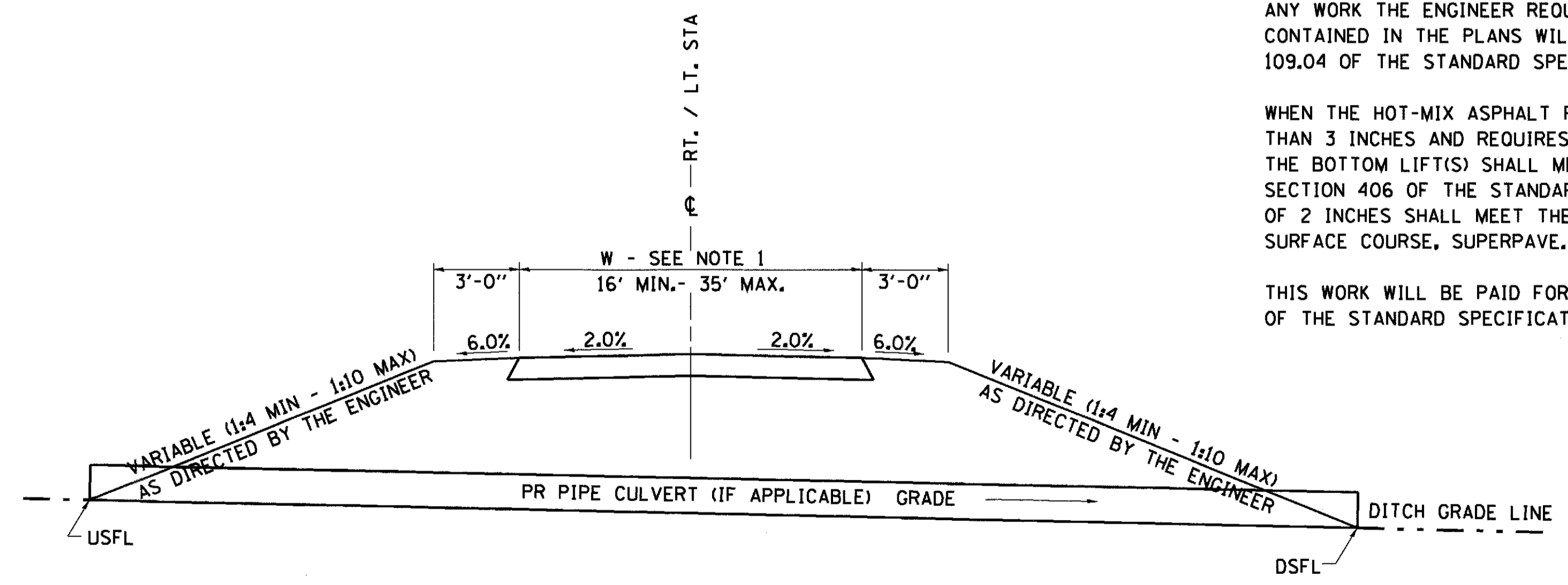
THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

WHEN THE HOT-MIX ASPHALT PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRES PLACEMENT IN MORE THAN ONE LIFT, THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

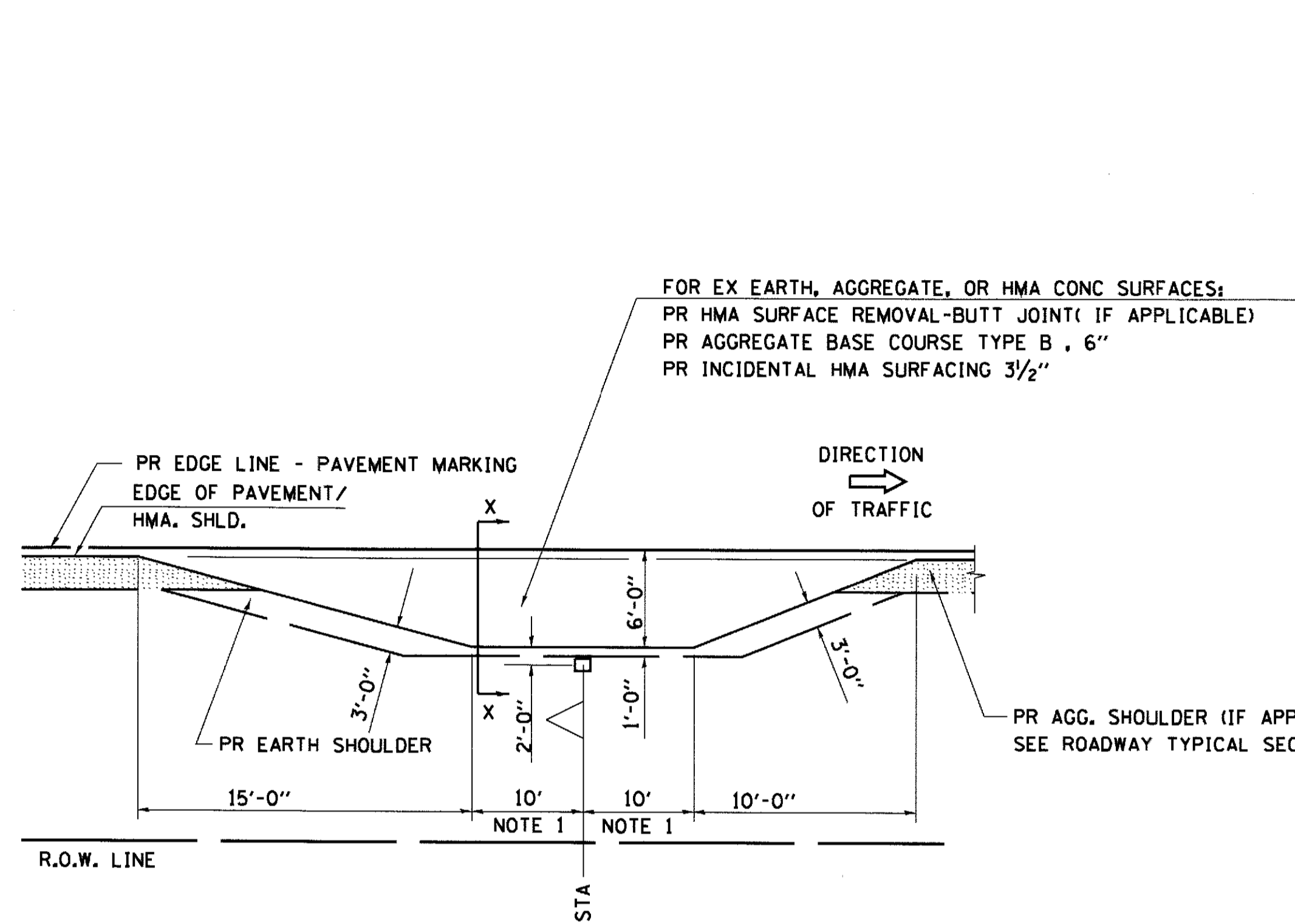


SECTION E-E ENTRANCE TYPICAL SECTION

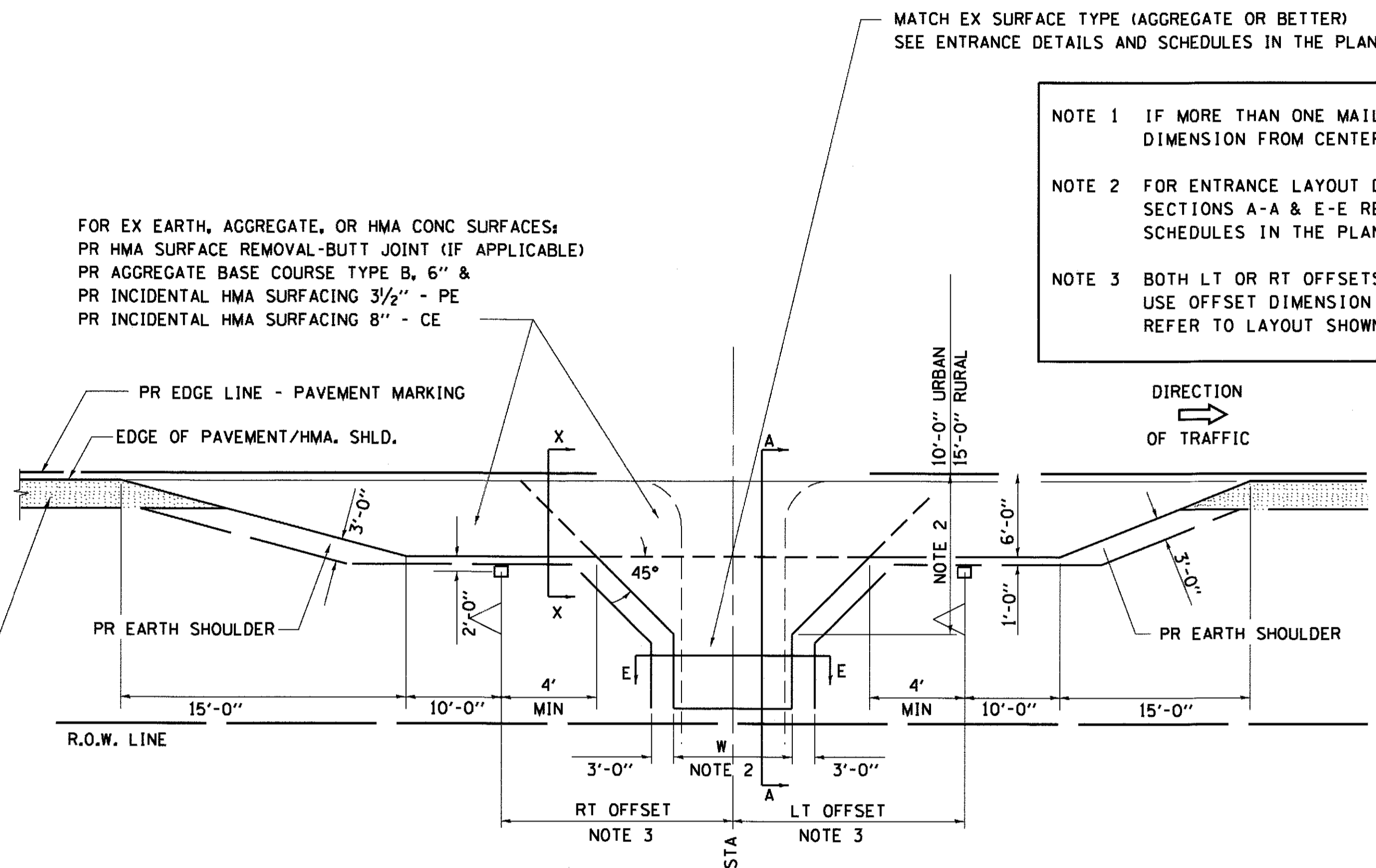
NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

CEC Cummins Engineering Corporation Civil and Structural Engineering	JOB = 2446	DESIGNED - NAK	REVISED -	PIATT COUNTY CH 14 IMPROVEMENTS	ENTRANCE DETAILS			F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 19		
	FILE NAME = 2446-sh1-entrance.dgn	DRAWN - SJS	REVISED -					CONTRACT NO. 91551						
	PLOT SCALE = 40,0000' / IN.	CHECKED - NAK	REVISED -					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT
	PLOT DATE = 8/4/2017	DATE - 8/4/2016	REVISED -											

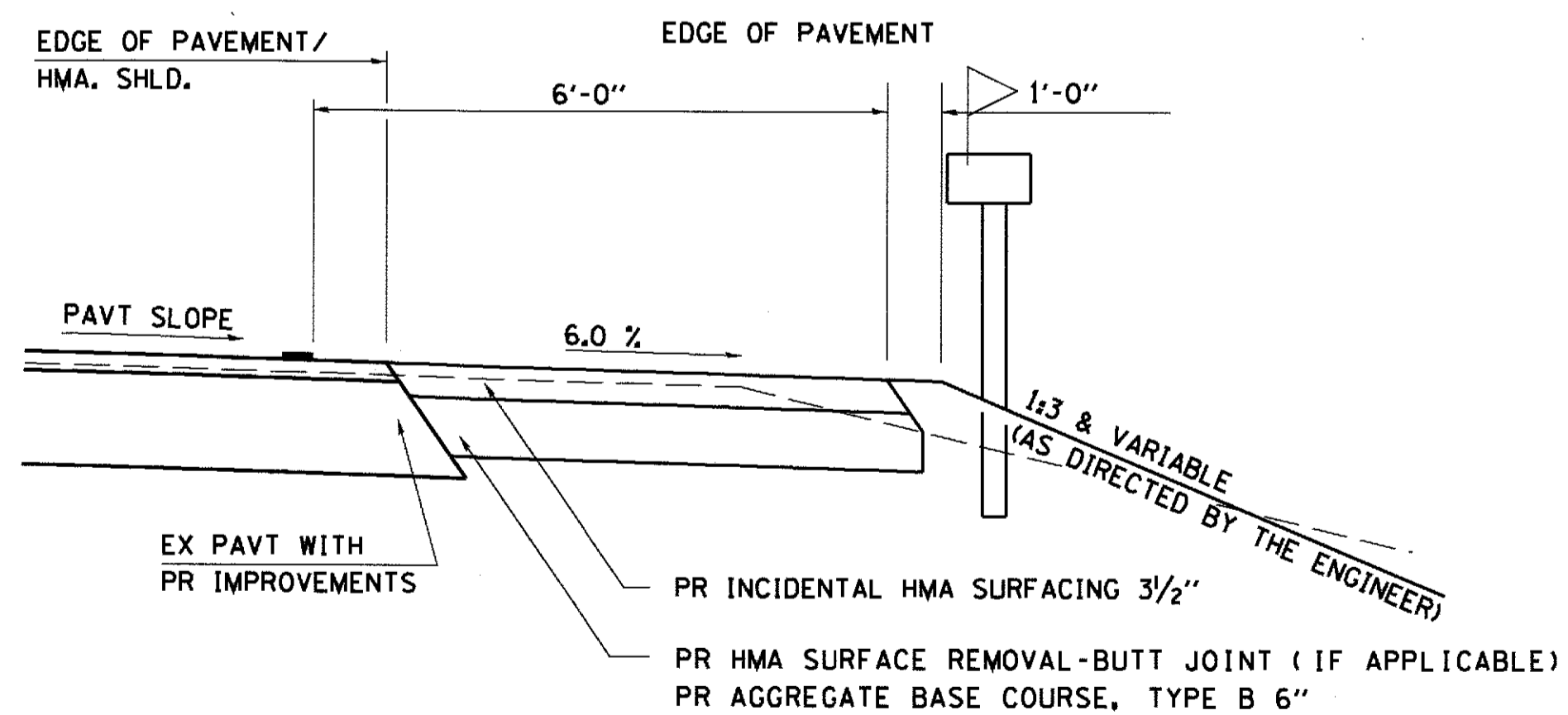
DETAILS OF MAILBOX TURNOUTS



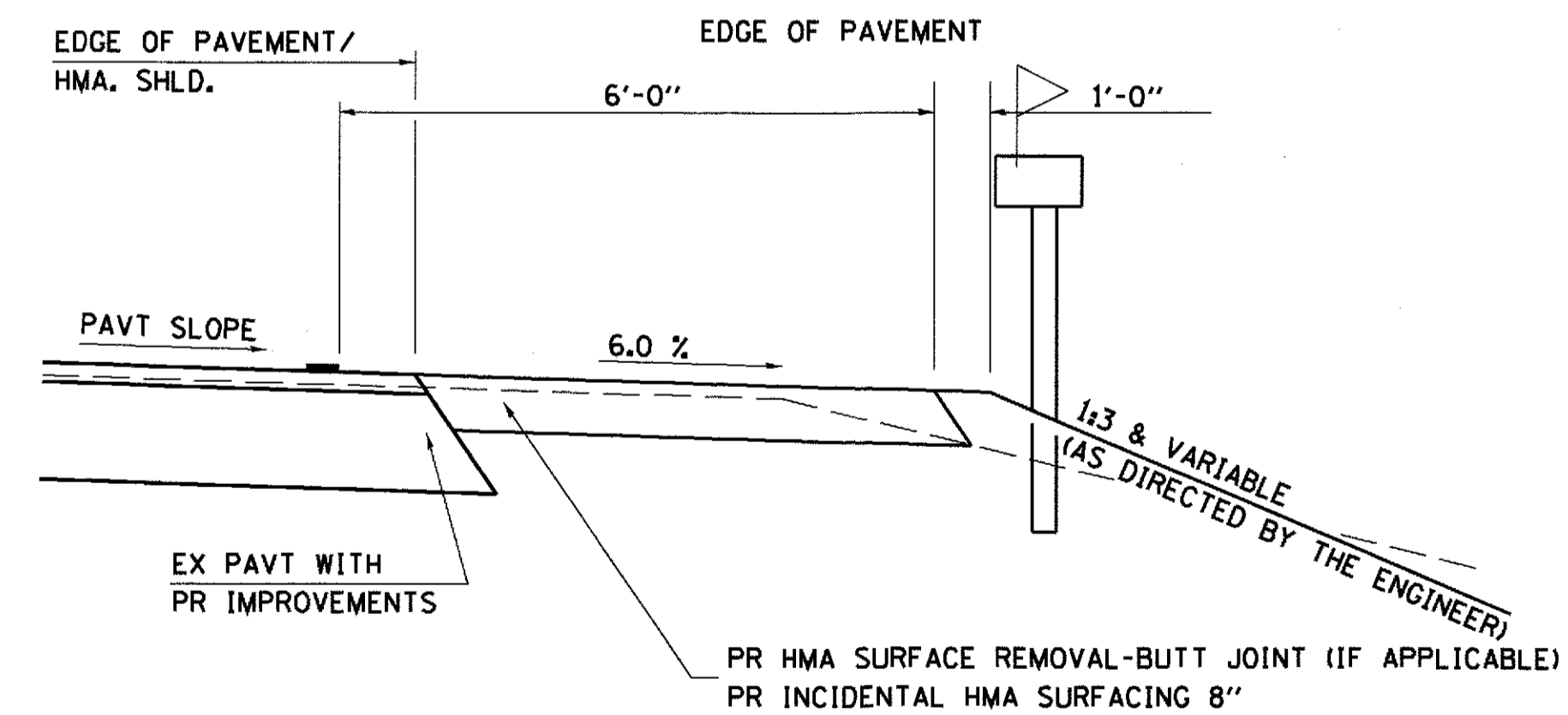
PLAN - MAILBOX TURNOUTS



PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE

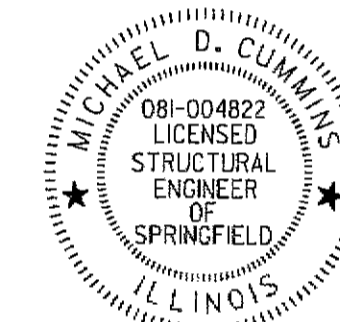
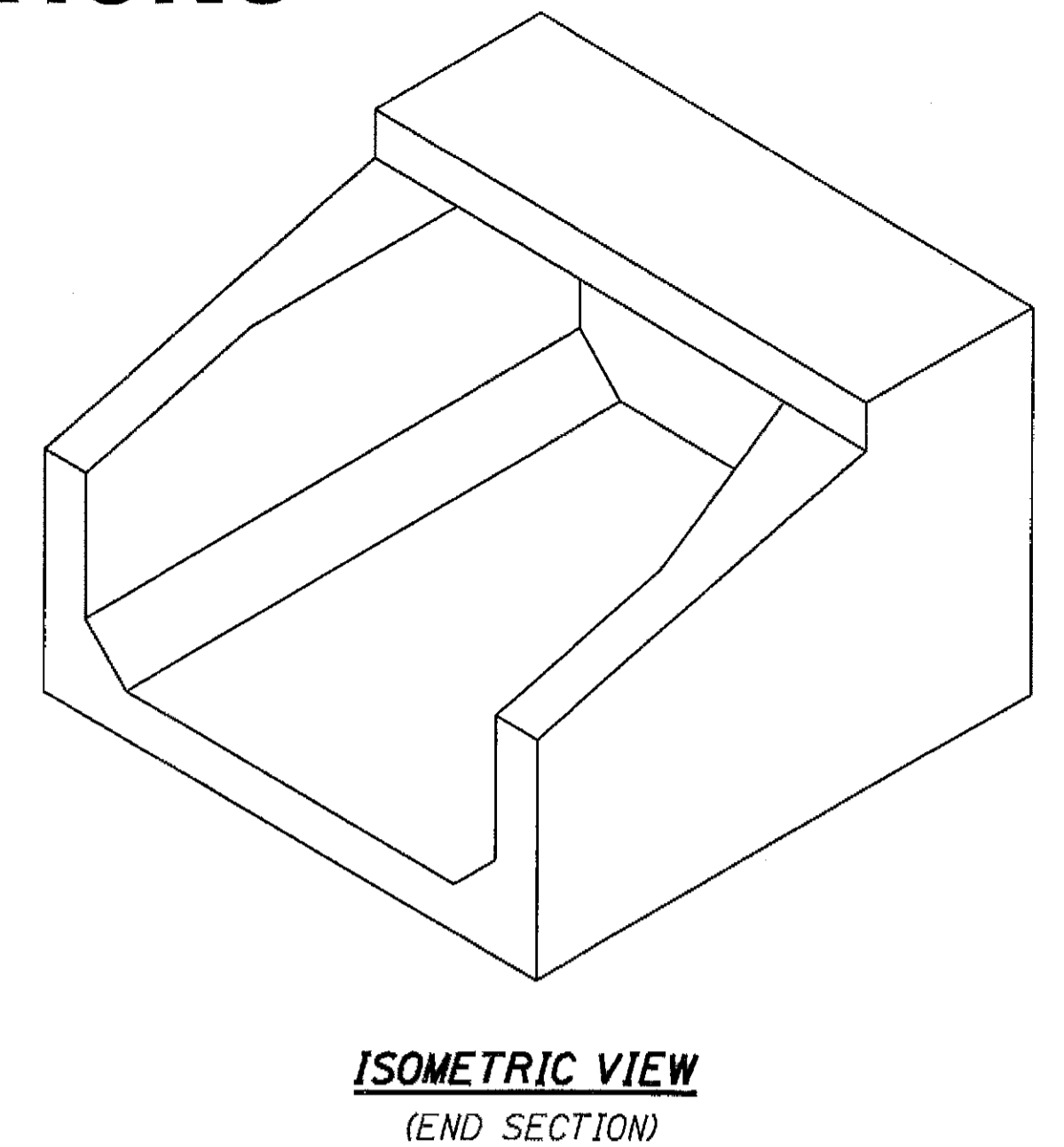
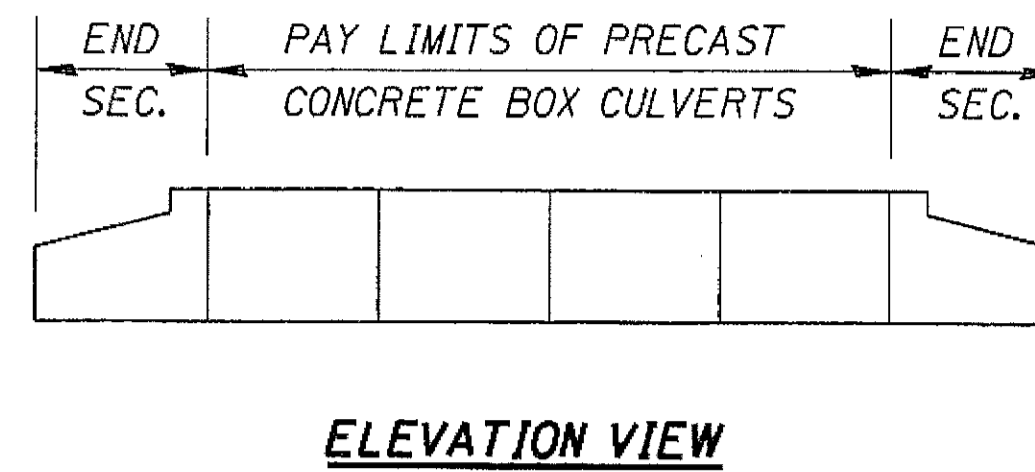
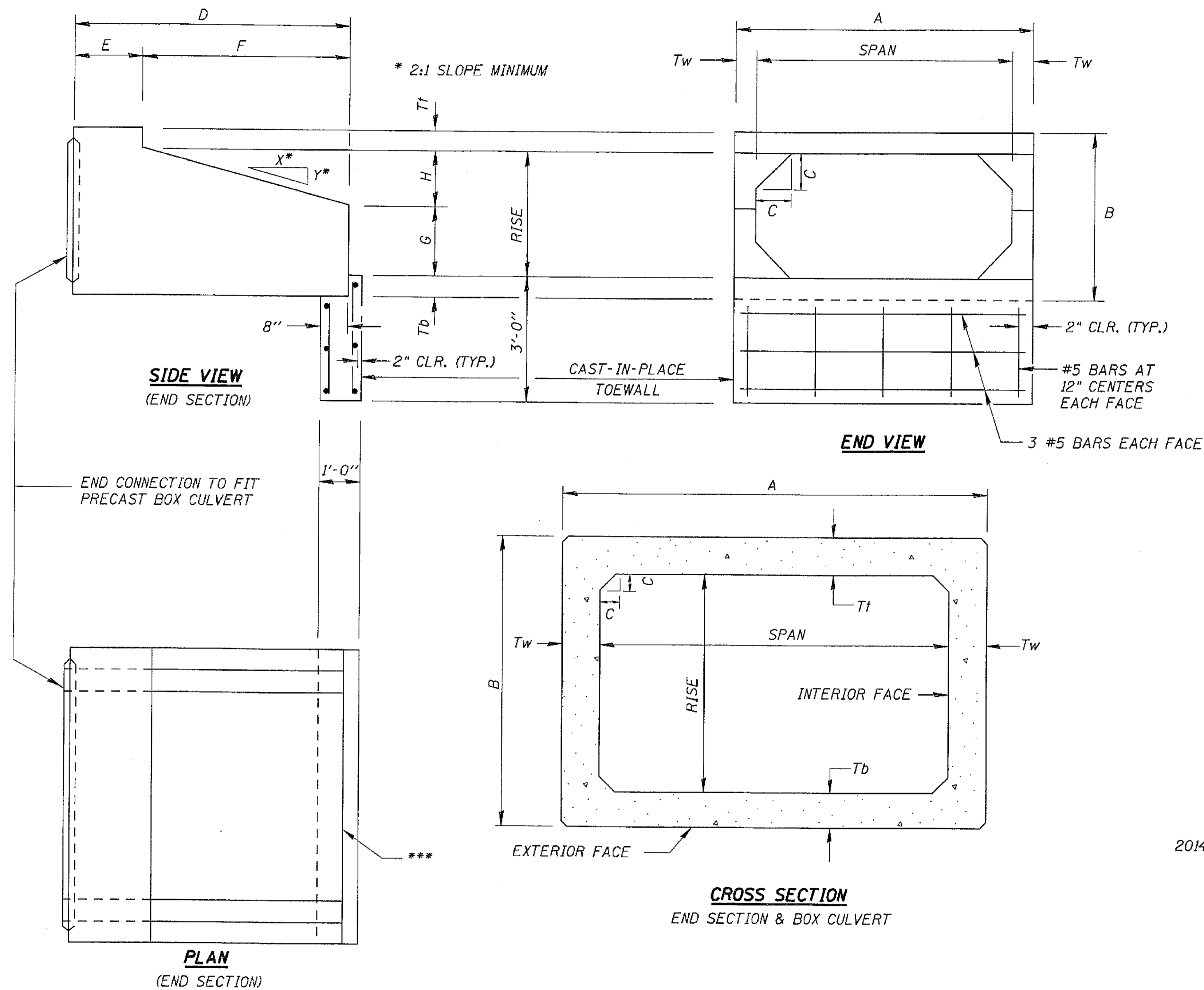


**SECTION X-X THRU MAILBOX TURNOUT
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
 EX EARTH, AGGREGATE, OR HMA PE & FE**



**SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX EARTH, AGGREGATE, OR HMA CE**

DETAIL OF PRECAST CONCRETE BOX CULVERTS AND END SECTIONS



Michael D. Cummins 8/4/17
(Expires 11/30/2018)

DESIGN SPECIFICATIONS
2014 AASHTO LRFD Bridge Design Specifications,
7th Edition with 2015 Interims

LOADING HL-93

DESIGN STRESSES (PRECAST)
f'c = 5,000 psi
fy = 65,000 psi (welded wire fabric)
fy = 60,000 psi (reinforcement)

Notes:
All precast concrete box culvert sections shall conform to the requirements of Article 540 of the Standard Specifications.
Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.
Approved anchoring devices for 3/4" expansion bolts shall be cast into the ends of the precast concrete box culvert sections as detailed on sheet .
Select granular back fill is not required above the Precast Concrete Box Culvert Extensions.

PRECAST CONCRETE BOX CULVERT - EXTENSION DETAILS

Span	Rise	ASTM Designation	Design Fill Height	THICKNESS (INCHES)							SLOPE x : y				
				Tt (top slab)	Tb (bot. slab)	Tw (wall)	A (FT.-IN.)	B (FT.-IN.)	C (INCHES)	D (FT.-IN.)		E (FT.-IN.)	F (FT.-IN.)	G (FT.-IN.)	H (FT.-IN.)
** 2'	2'	C1577	< 2'	7"	6"	4"	2'-8"	3'-1"	4"	6'-0"	3'-0"	3'-0"	1'-0"	1'-0"	3:1
7'	3'	C1577	< 2'	8"	8"	8"	8'-4"	4'-4"	8"	6'-0"	2'-0"	4'-0"	1'-8"	1'-4"	3:1
4'	3'	C1577	< 2'	7.5"	6"	5"	4'-10"	4'-0 1/2"	7.5"	6'-0"	0'-0"	0'-0"	1'-8"	1'-4"	3:1
8'	3'	C1577	< 2'	8"	8"	8"	9'-4"	4'-4"	8"	6'-0"	2'-0"	4'-0"	1'-8"	1'-4"	3:1

** The 2'x2' Precast Concrete Box Culvert shall be reinforced as shown in ASTM C 1577 for a 3'x2' Precast Box Culvert with Design Fill equal to less than 2 feet. This design applies to all 2'x2' Culverts on this project, including those with skews > 30 degrees.



JOB # 2446
FILE NAME = 2446-shl-PCBC.dgn
PLOT SCALE = 1/8" = 1'-0"
PLOT DATE = 7/25/2017

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 8/4/2016

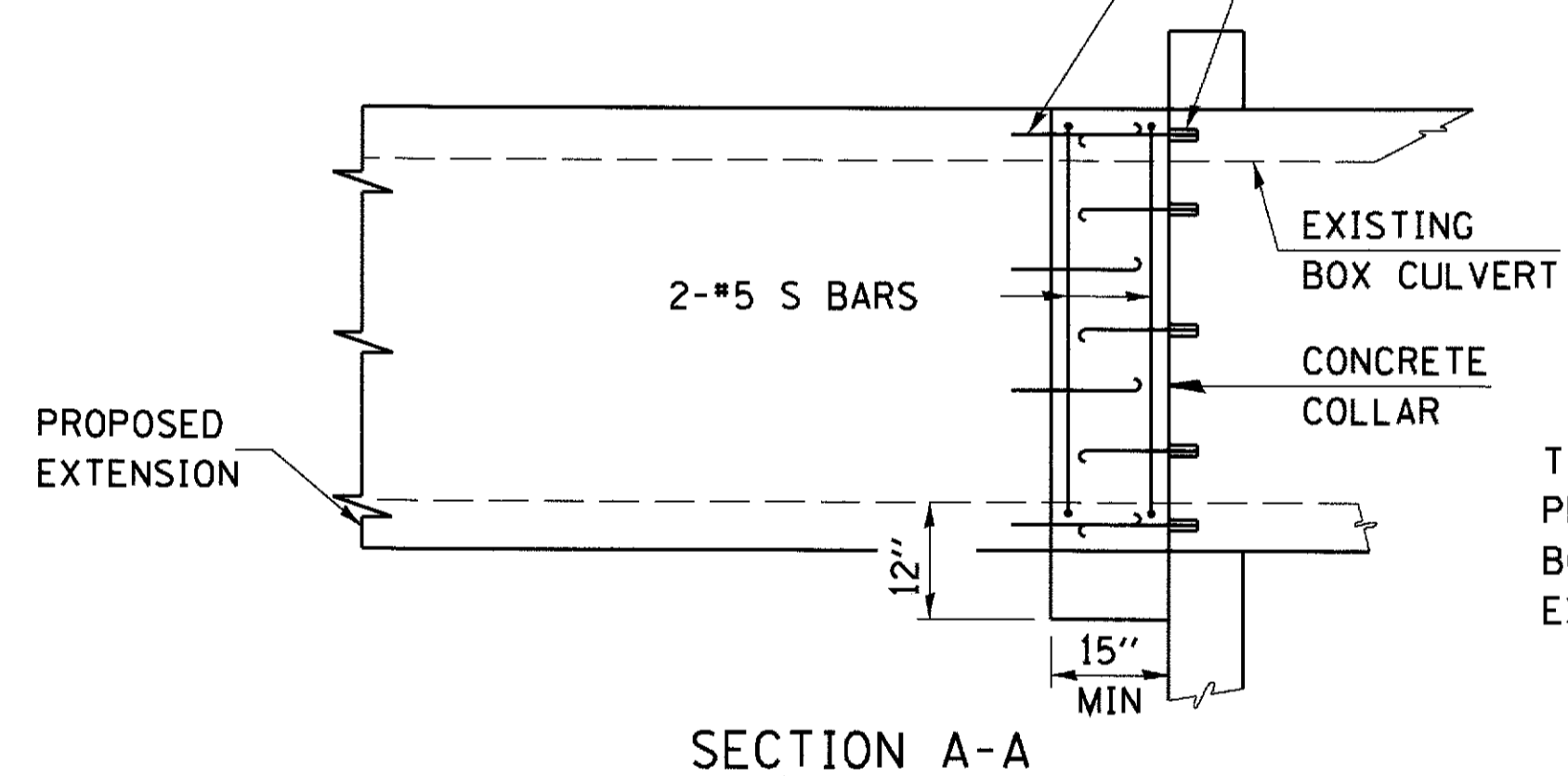
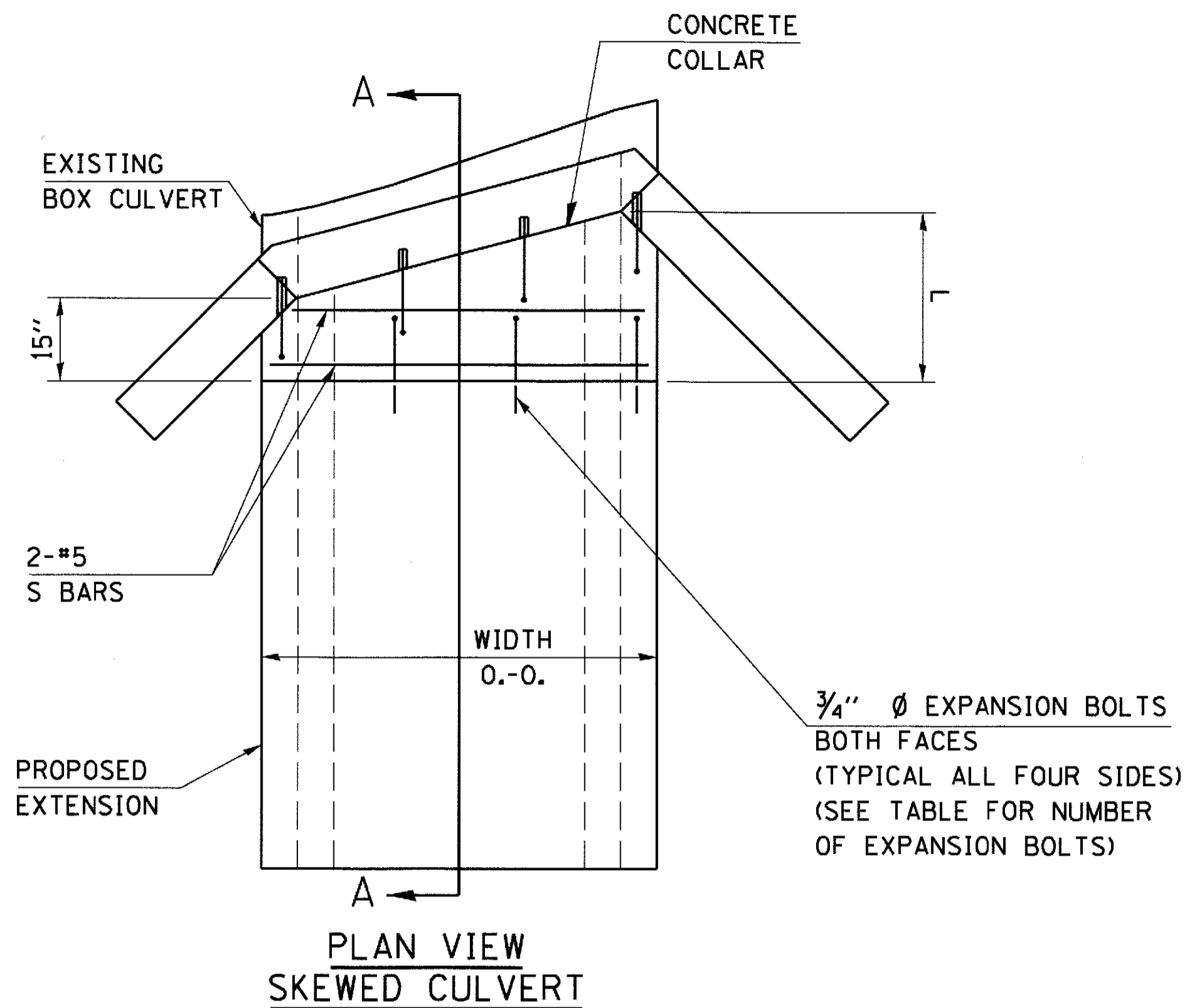
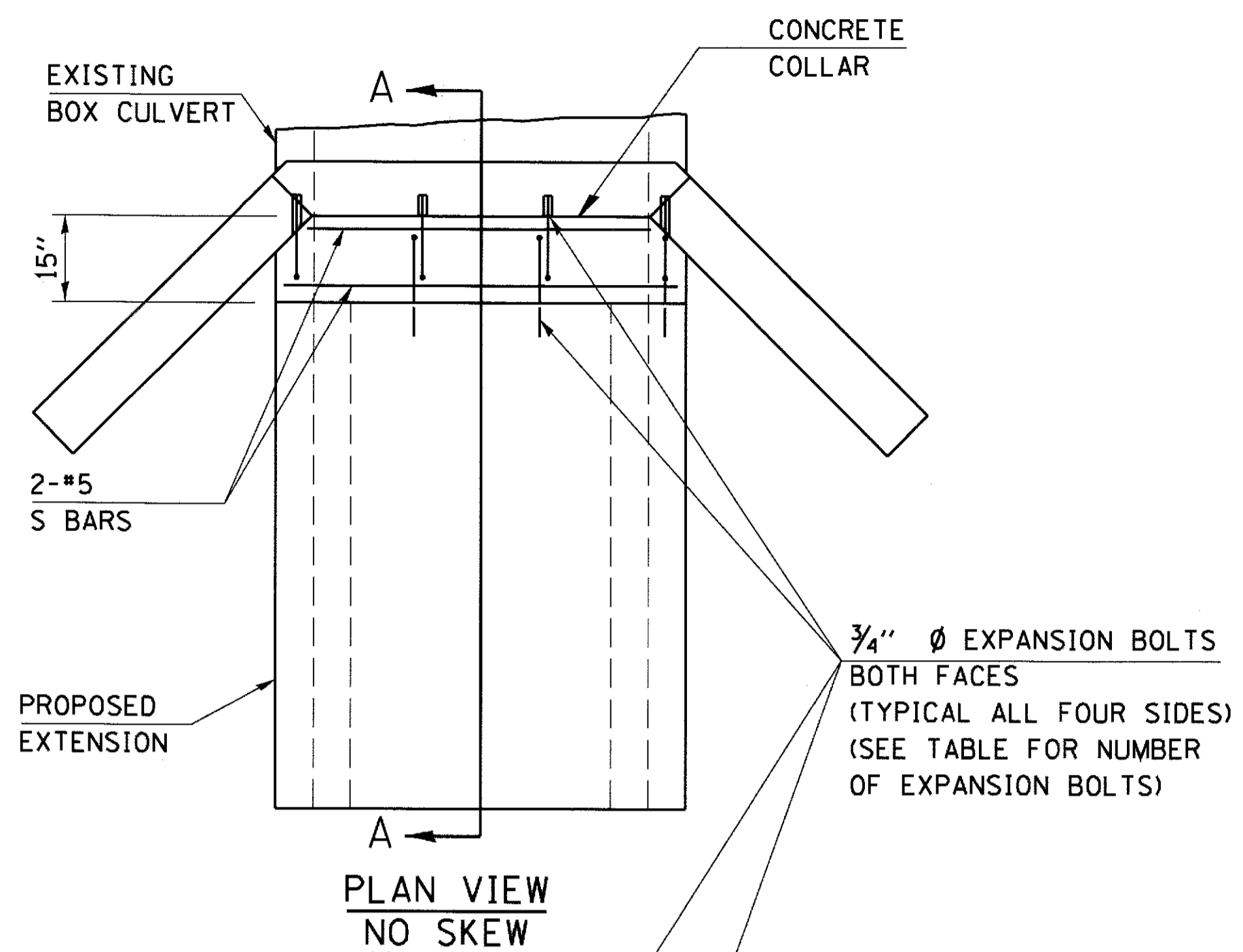
REVISED -
REVISED -
REVISED -
REVISED -

**PIATT COUNTY
CH 14 IMPROVEMENTS**

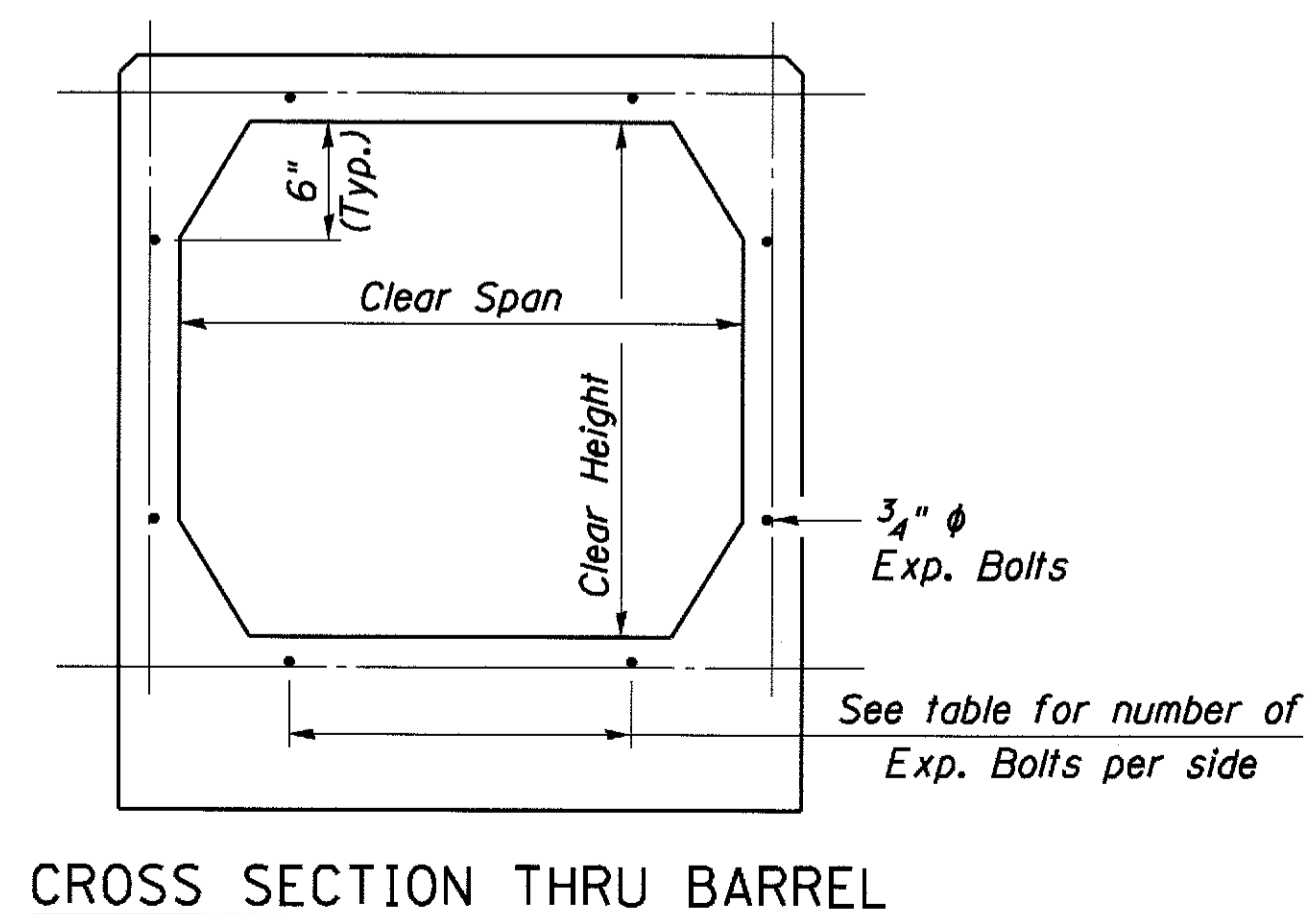
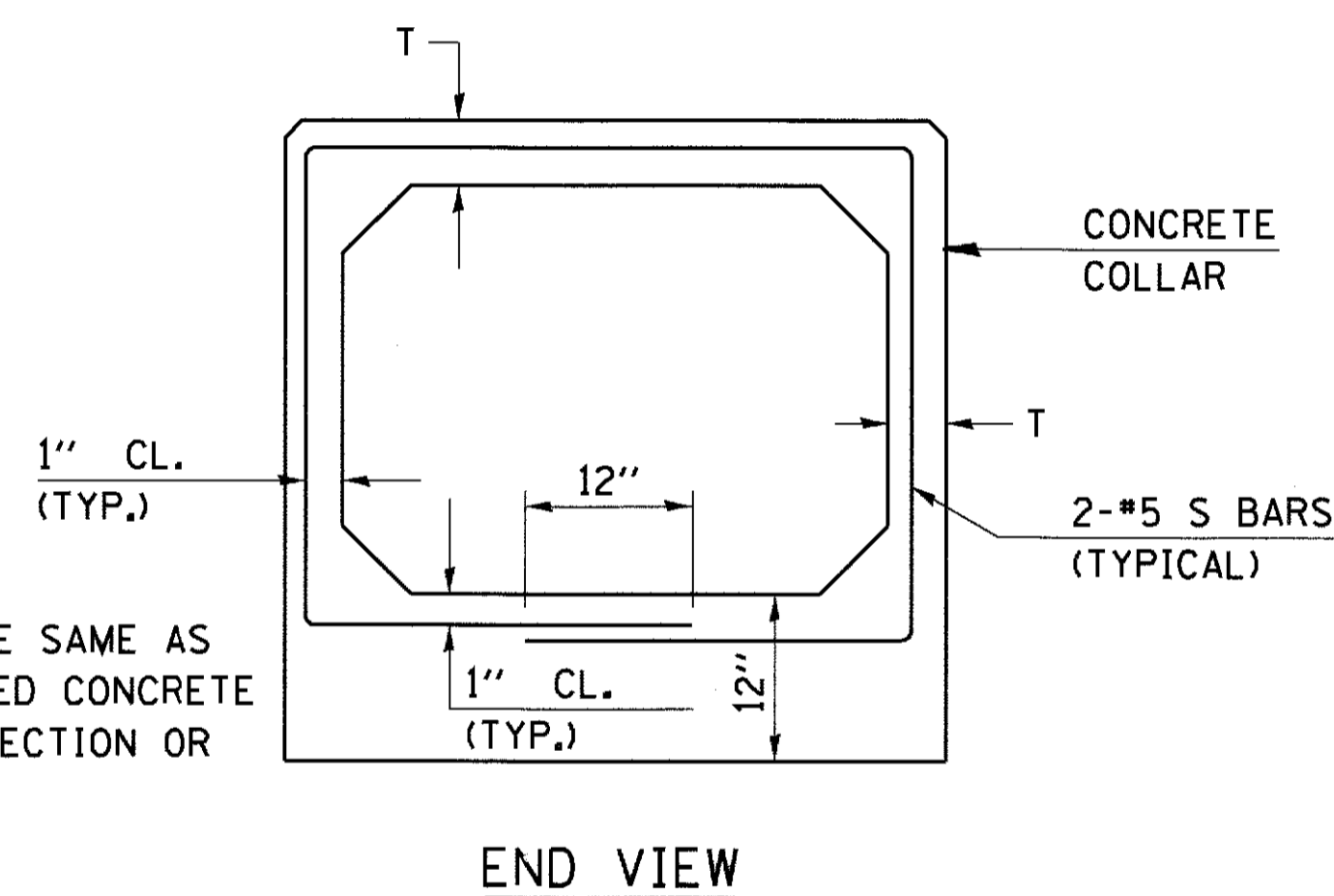
PRECAST CONCRETE BOX CULVERT EXTENSION

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	21
CONTRACT NO. 91551				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



THICKNESS (T) TO BE SAME AS PROPOSED REINFORCED CONCRETE BOX CULVERT END SECTION OR EXTENSION.



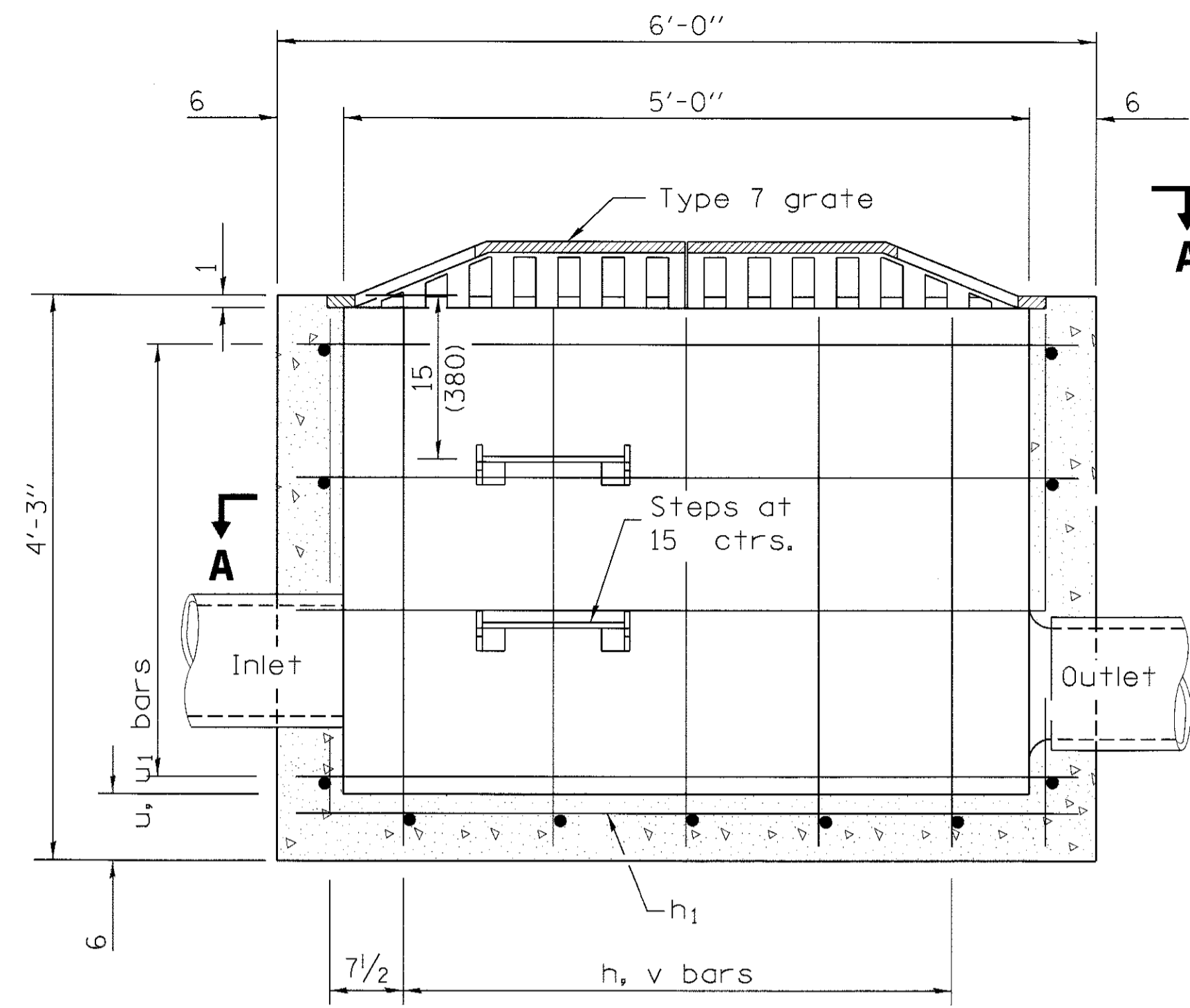
Clear Span or Clear Height	No. of 3/4" Ø Exp. Bolts Req'd per side			
	Extension ≤ 15'		Extension > 15'	
	NO. #	Spacing	NO. #	Spacing
2.0	**	**	**	**
2.5	2	18"	2	18"
3.0	2	24"	2	24"
4.0	3	18"	3	18"
5.0	4	16"	3	24"
6.0	5	15"	4	20"
7.0	5	18"	4	24"
8.0	6	17"	5	21"
9.0	6	19"	5	24"
10.0	7	18"	6	21"
11.0	8	17"	6	24"
12.0	8	19"	7	22"

* Note: Expansion bolts based on non-skewed culverts.
 ** Note: Use minimum of one (1) Expansion bolt at each corner.

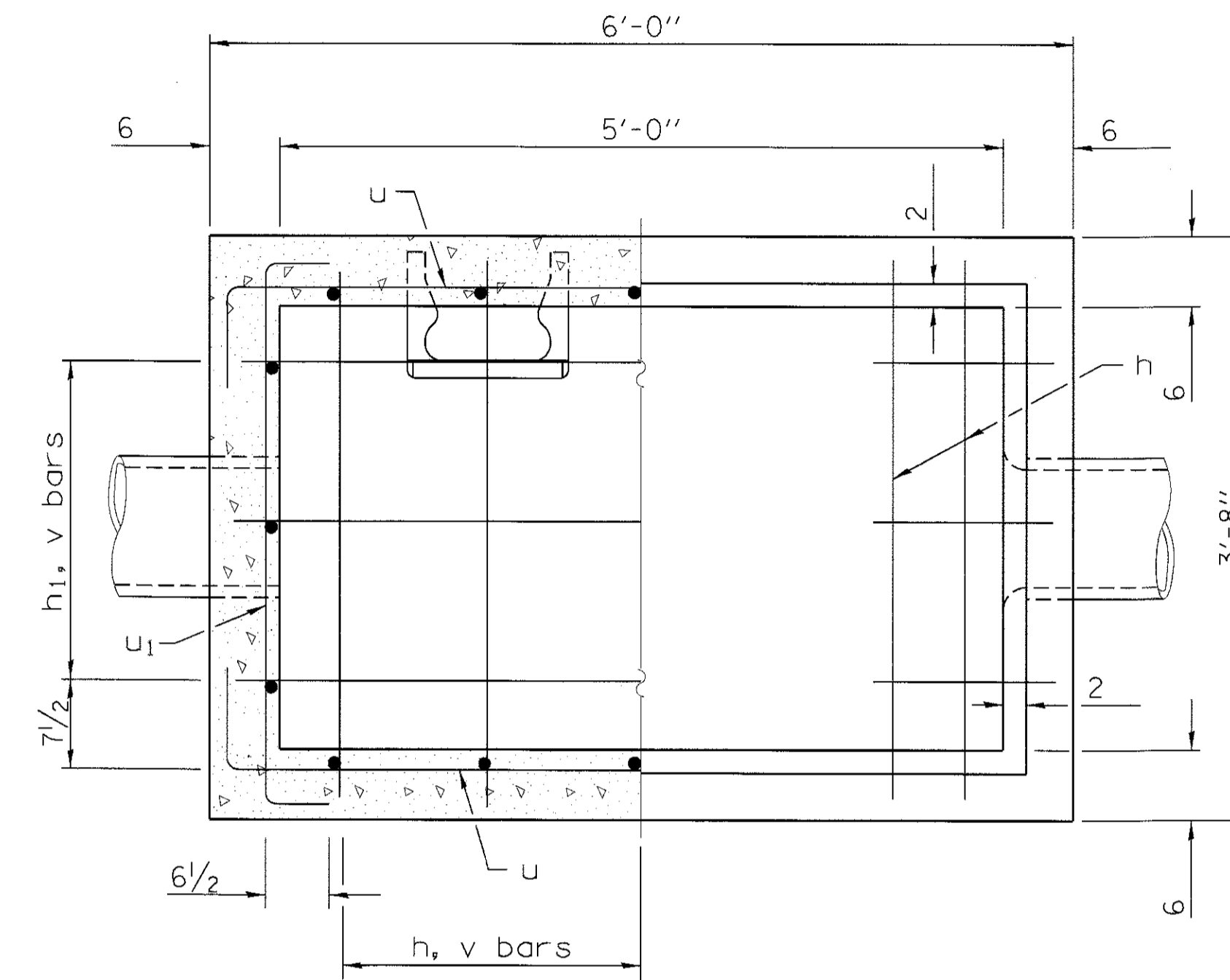
GENERAL NOTES

1. EXPANSION BOLTS SHALL BE 3/4" Ø HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW OR EXISTING CONCRETE.
2. EXPANSION BOLTS OR APPROVED ANCHORING DEVICES SHALL BE CAST INTO THE PRECAST BOX CULVERT SECTIONS. DRILLING INTO PRECAST CULVERT SECTIONS WILL NOT BE ALLOWED.
3. EXPANSION BOLTS INSTALLED INTO EXISTING CONCRETE SHALL BE DRILLED AND EPOXY GROUTED A MINIMUM OF 9" DEPTH.
4. REINFORCEMENT BARS SHALL MEET THE REQUIREMENTS OF ARTICLE 1006.10 OF THE STANDARD SPECIFICATIONS.
5. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
6. PRECAST BOX CULVERT BARREL SECTIONS PLACED AS PART OF THE EXTENSION WILL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 540 OF THE SPECIFICATIONS.
7. CONCRETE COLLARS, REINFORCEMENT BARS, AND EXPANSION BOLTS WILL BE COMPUTED AND INCLUDED IN THE PLAN QUANTITIES FOR THESE PAY ITEMS

SKEW	SPAN x RISE	CONCRETE COLLAR CU YD	REINFORCEMENT BARS POUNDS	EXPANSION BOLTS EACH
0°	2' x 2'	0.21	20	8
0°	4' x 3'	0.52	30	20
0°	7' x 3'	0.76	40	28
0°	8' x 3'	0.80	50	32



ELEVATION



SECTION A-A
(Grating removed)

**MATERIALS REQUIRED FOR ONE (1)
CATCH BASIN (SPECIAL)**

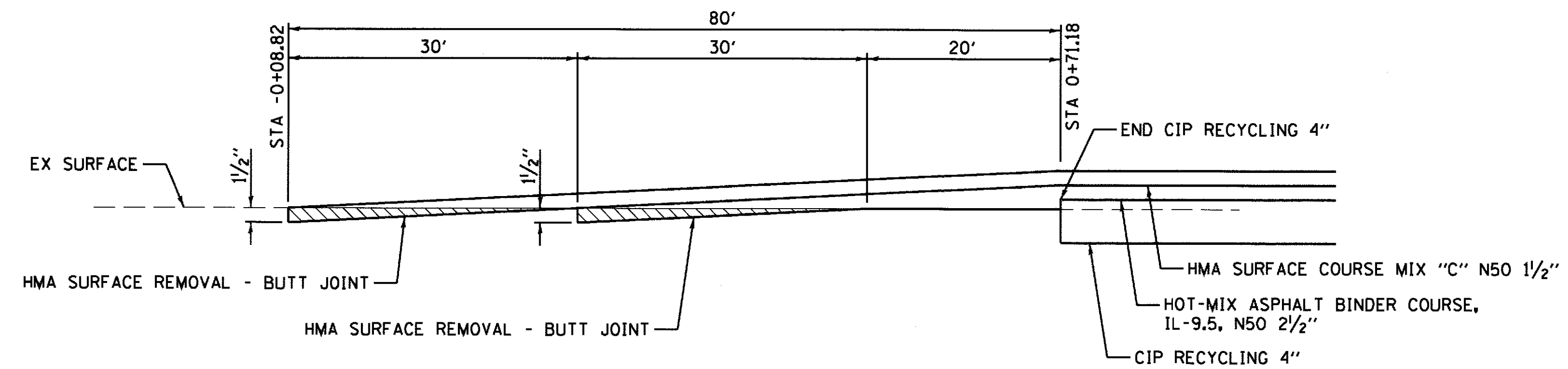
Bar	Qty.	Size	Shape	Length
h	7	No. 4	—	3'-5"
h ₁	3	No. 4	—	5'-9"
u	6	No. 4	U	7'-0"
u ₁	6	No. 4	U	4'-6"
v	16	No. 4	—	4'-0"
Concrete			cu. yd. ³	1.6
Reinforcement bars			lbs.	130

All bars shall be at 12 centers unless otherwise shown. Reinforcement bar clearance shall be 1 1/2.

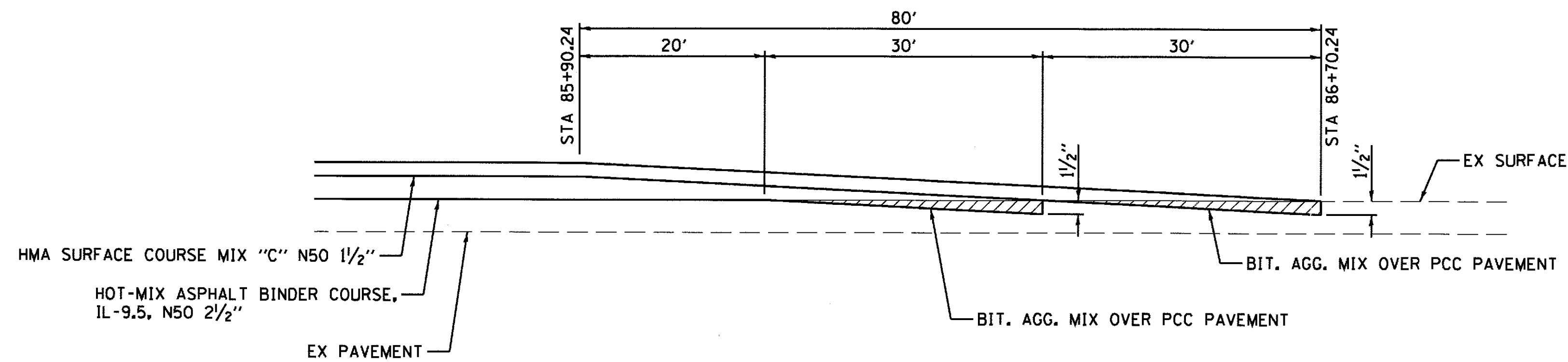
GENERAL NOTES

See Standard 602701 for details of steps.

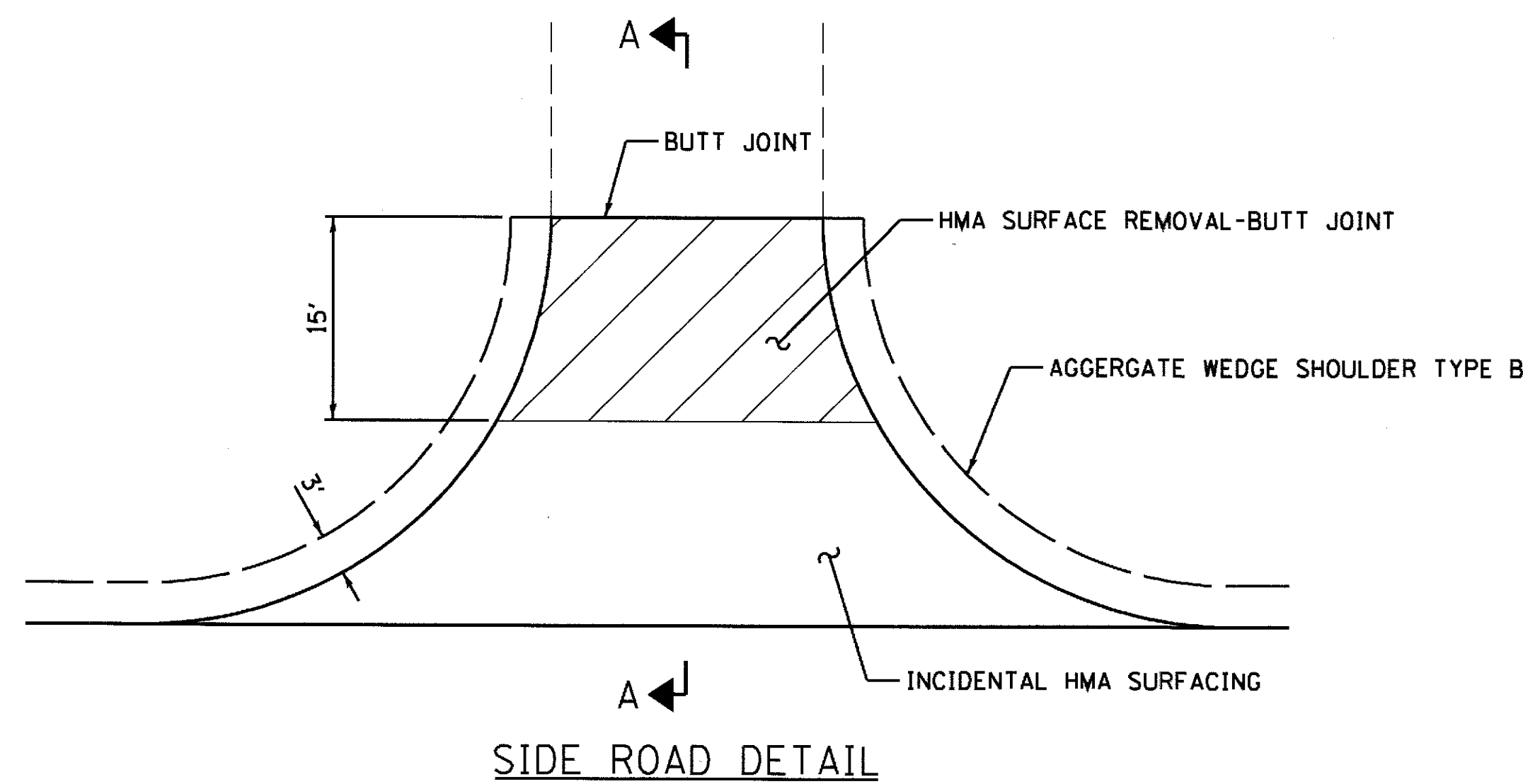
All dimensions are in inches unless otherwise shown.



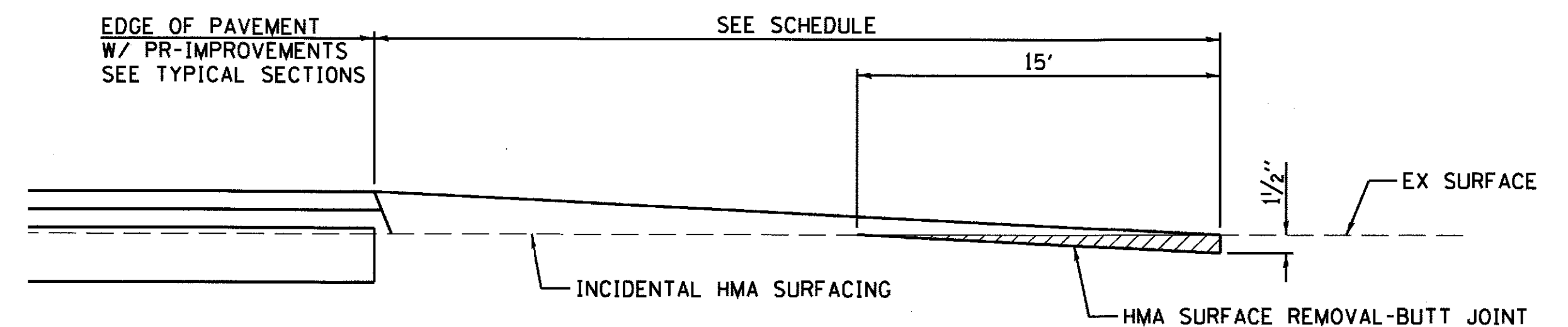
BUTT JOINT DETAIL
STA -0+08.82 TO STA 0+71.18



BUTT JOINT DETAIL
STA 85+90.24 TO STA 86+70.24



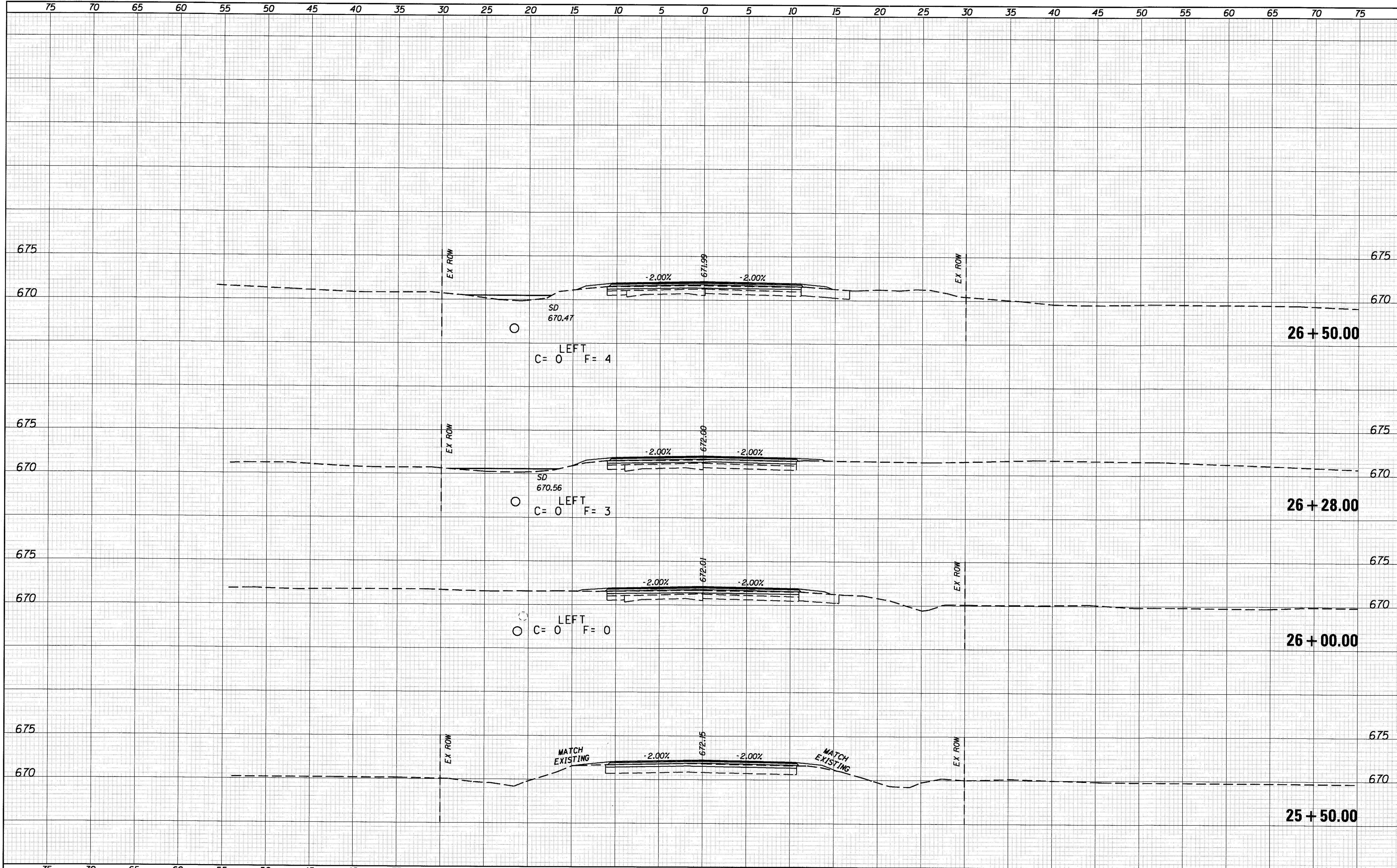
SIDE ROAD DETAIL



SECTION A-A

DATE	
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PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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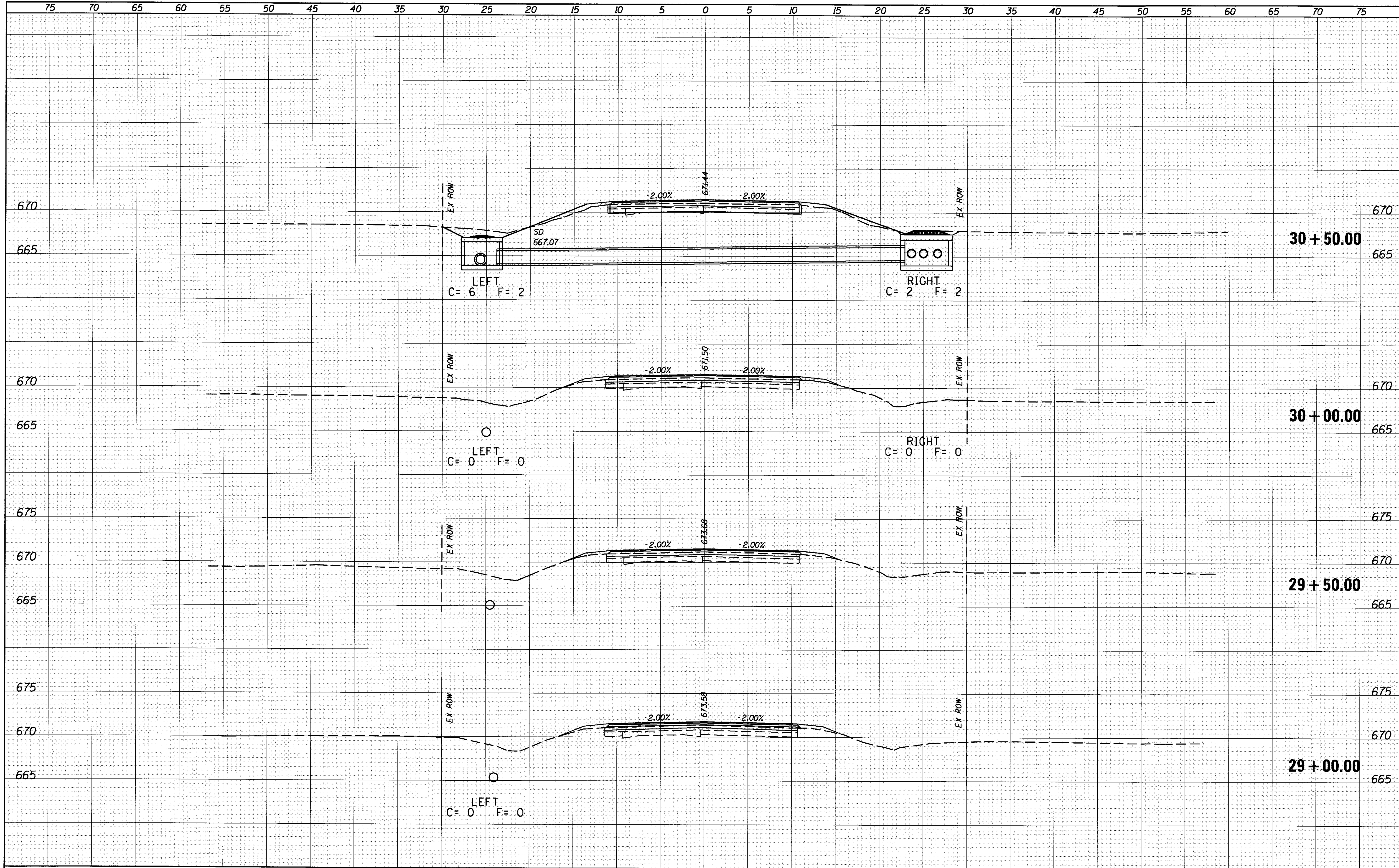
DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



	JOB = 2446	DESIGNED - NAK	REVISED -	PIATT COUNTY CH 14 IMPROVEMENTS	CROSS SECTIONS	F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 25
	FILE NAME = 2446-sh1-xsec.dgn	DRAWN - SJS	REVISED -			CONTRACT NO. 91551				
	PLOT SCALE = 10.0000' / IN.	CHECKED - NAK	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/4/2017	DATE - 9/20/2016	REVISED -			SCALE: SHEET NO. OF SHEETS STA. 25+50.00 TO STA. 26+50.00				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NO. BOOK	
AREAS CHECKED	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NO. BOOK	
AREAS CHECKED	



CEC Cummins
Engineering
Corporation
Civil and Structural Engineering

JOB = 2446
FILE NAME = 2446-shr-xsec.dgn
PLOT SCALE = 10,0000' / IN.
PLOT DATE = 8/4/2017

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 9/20/2016

REVISED -
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REVISED -
REVISED -

**PIATT COUNTY
CH 14 IMPROVEMENTS**

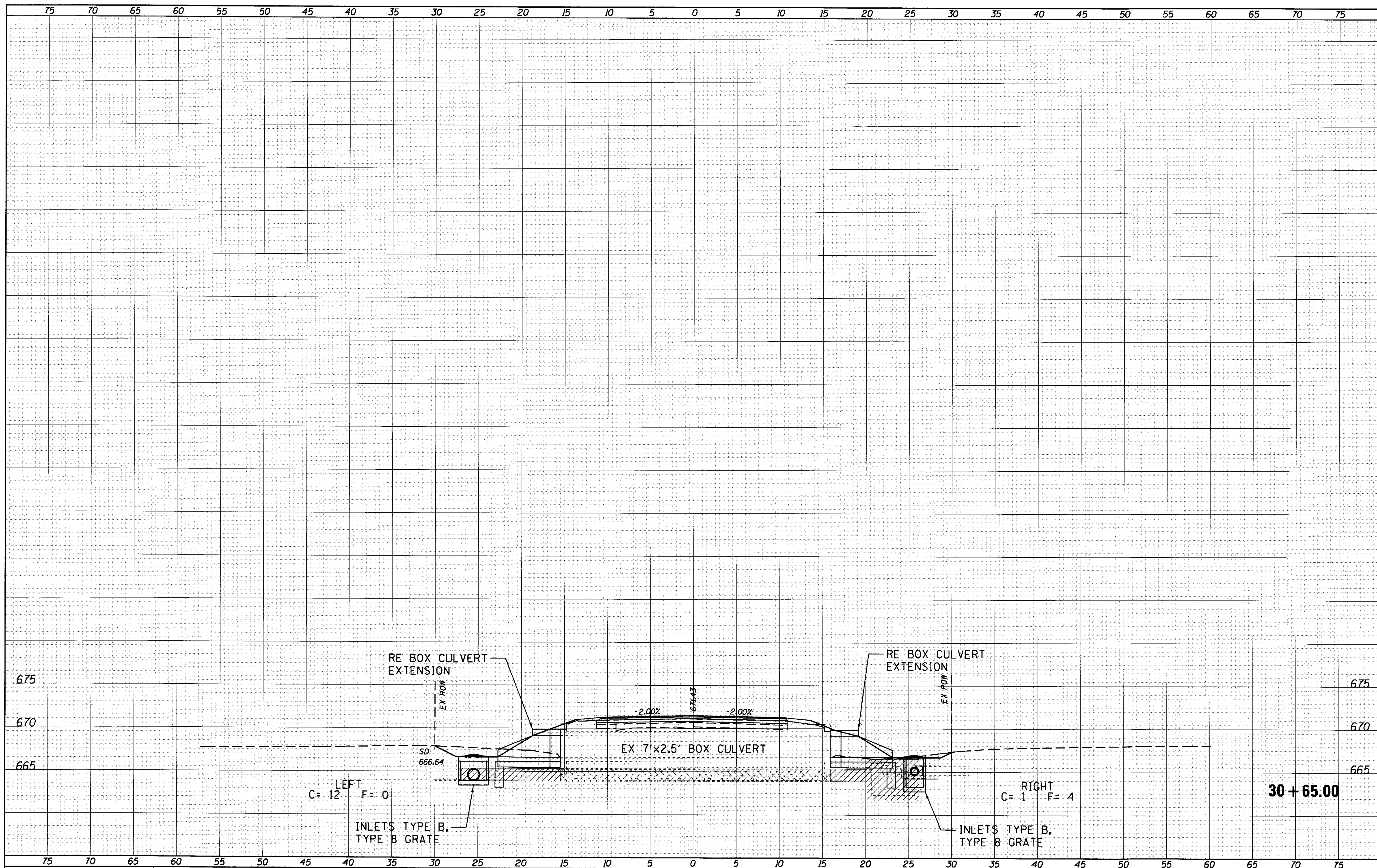
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 129+00.00 TO STA. 130+50.00

F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 27
CONTRACT NO. 91551				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



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JOB - 2446
FILE NAME = 2446-ah-xsec.dgn
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 8/4/2017

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 9/20/2016

REVISED -
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**PIATT COUNTY
CH 14 IMPROVEMENTS**

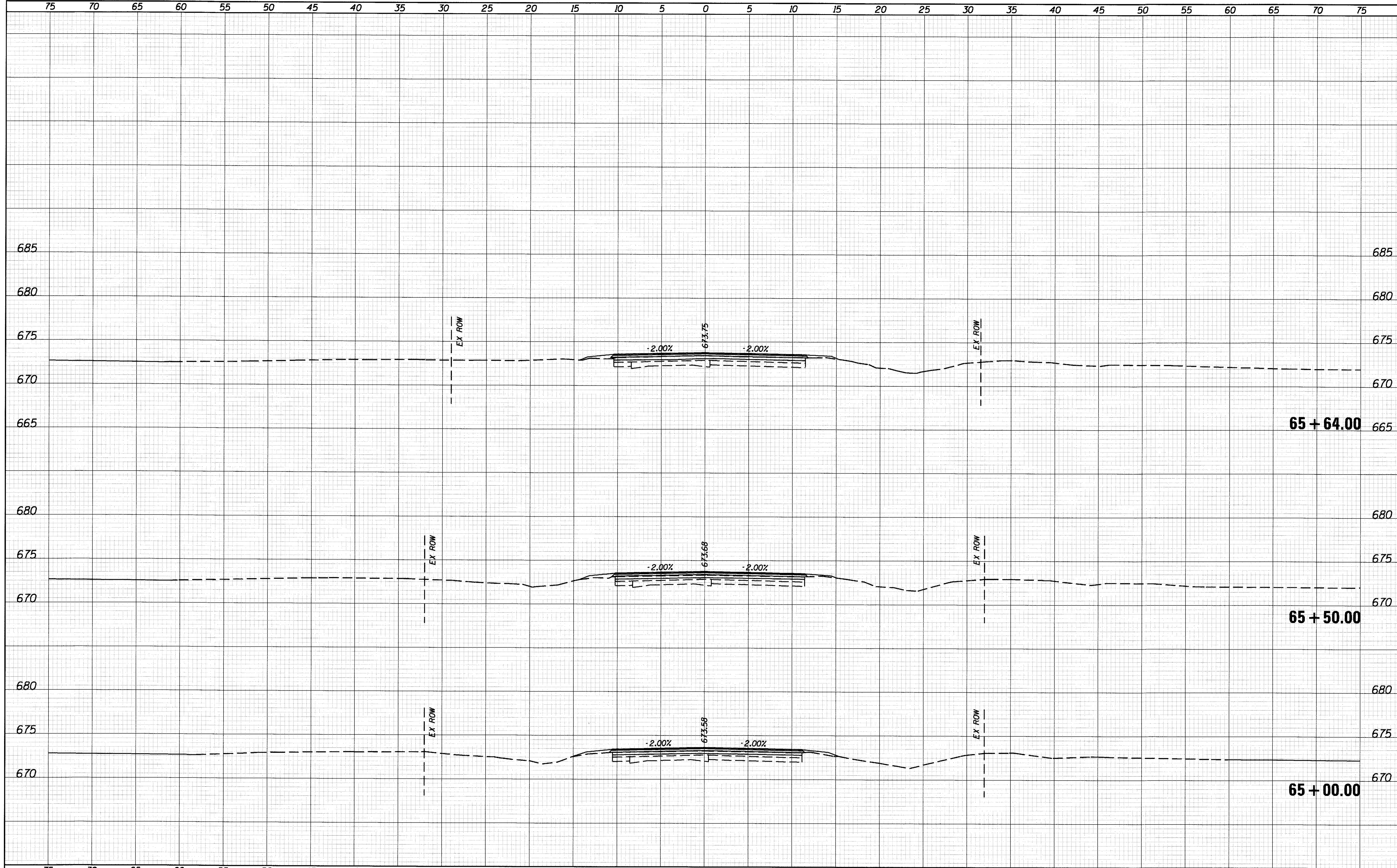
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 130+65.00 TO STA. 130+65.00

F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91551				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED PLOTTED	
TEMPLATE AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED PLOTTED	
TEMPLATE AREAS CHECKED	



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JOB - 2446
FILE NAME = 2446-ah1-xsec.dgn
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 8/4/2017

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 9/20/2016

REVISED -
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REVISED -

**PIATT COUNTY
CH 14 IMPROVEMENTS**

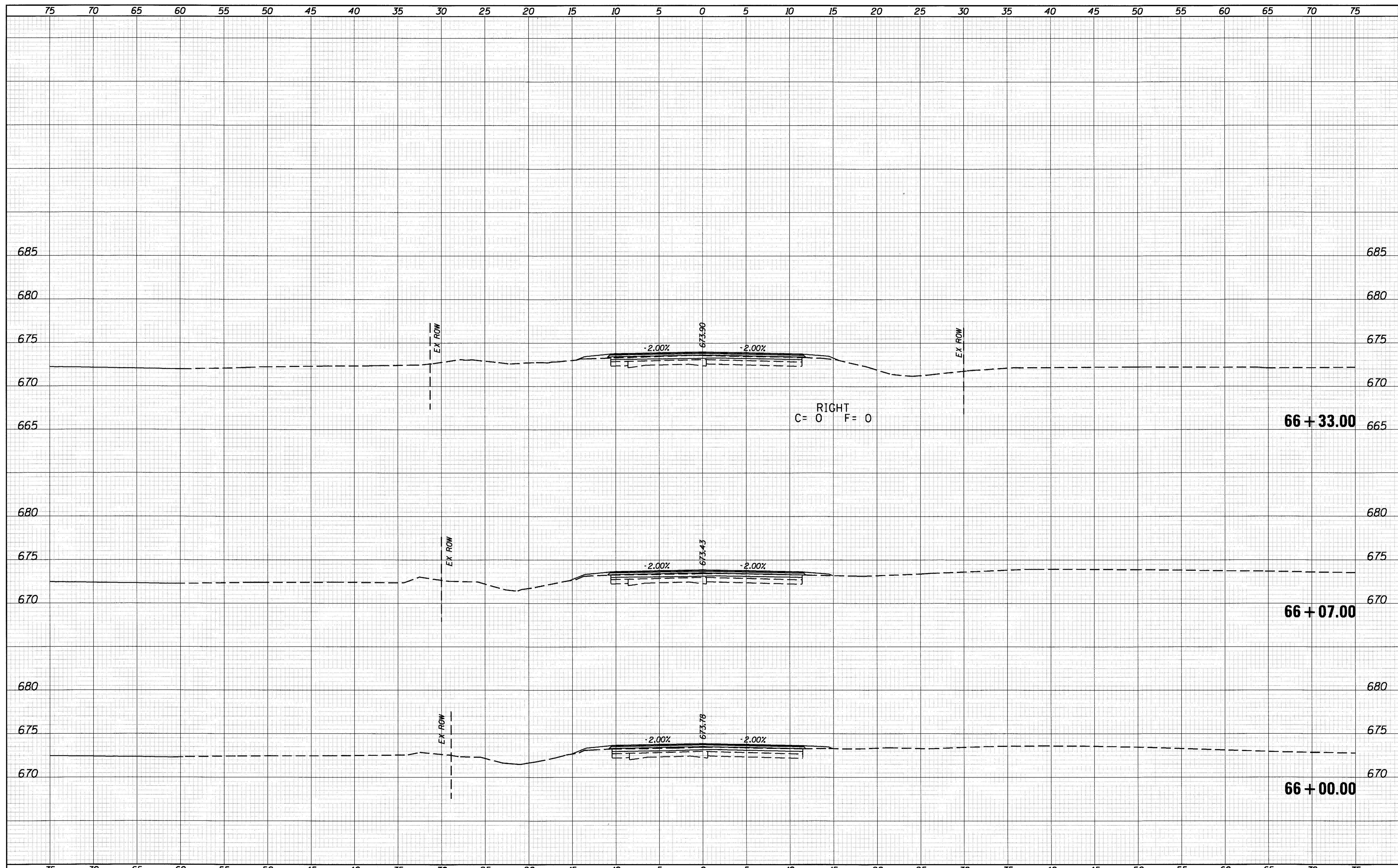
CROSS SECTIONS
SCALE: SHEET NO. OF SHEETS STA. 65+00.00 TO STA. 65+64.00

F.A.S. RTE. 530	SECTION 18-00238-02-R5	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 29
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 91551

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

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



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JOB = 2446
FILE NAME = 2446-sh1-xsec.dgn
PLOT SCALE = 10.0000' / 1" IN.
PLOT DATE = 8/4/2017

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 9/20/2016

REVISED -
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REVISED -

**PIATT COUNTY
CH 14 IMPROVEMENTS**

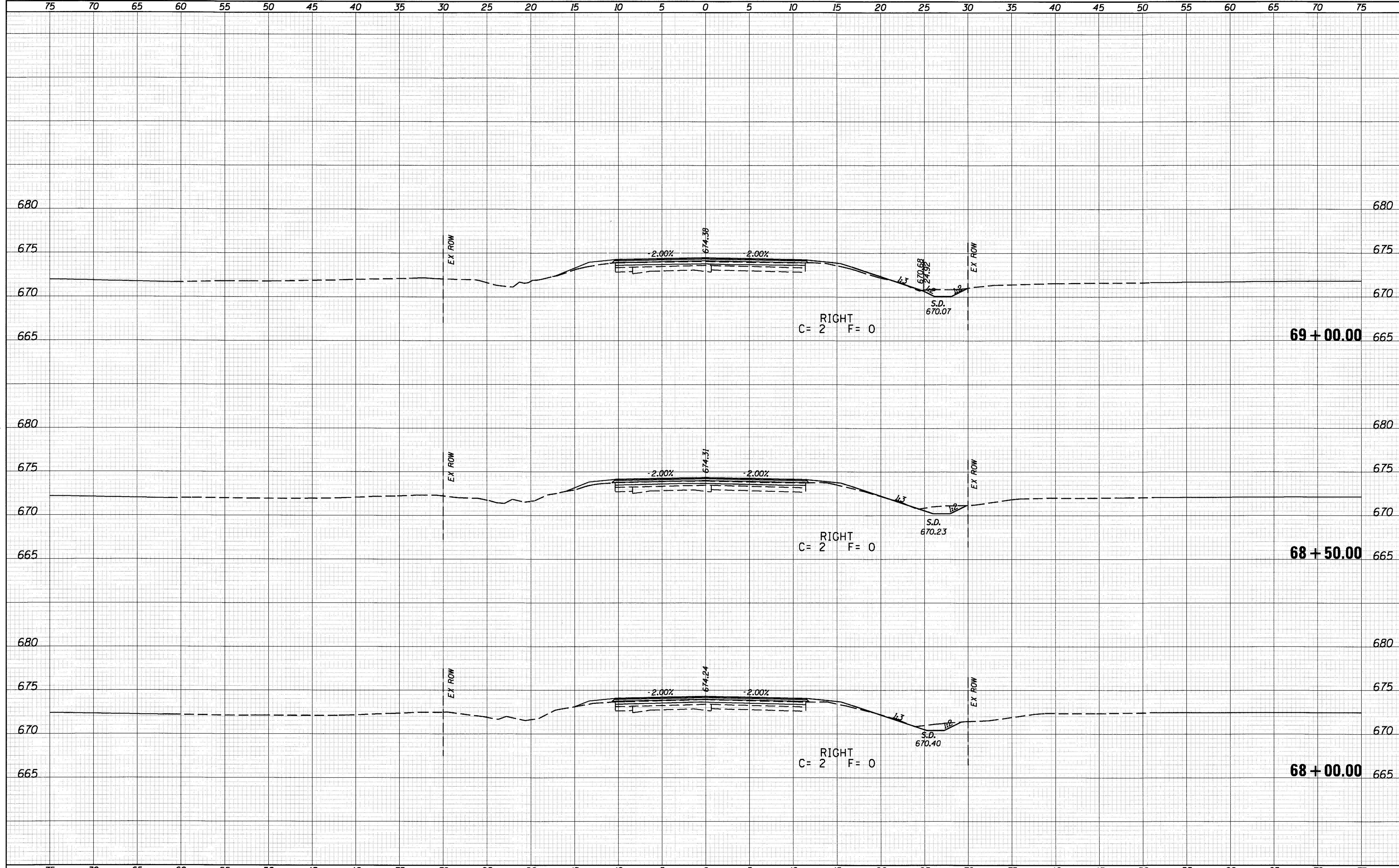
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 66+00.00 TO STA. 66+33.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	30
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 91551	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED



JOB = 2446
 FILE NAME = 2446-shr-xsec.dgn
 PLOT SCALE = 10,0000' / IN.
 PLOT DATE = 8/4/2017

DESIGNED - NAK
 DRAWN - SJS
 CHECKED - NAK
 DATE - 9/20/2016

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**PIATT COUNTY
 CH 14 IMPROVEMENTS**

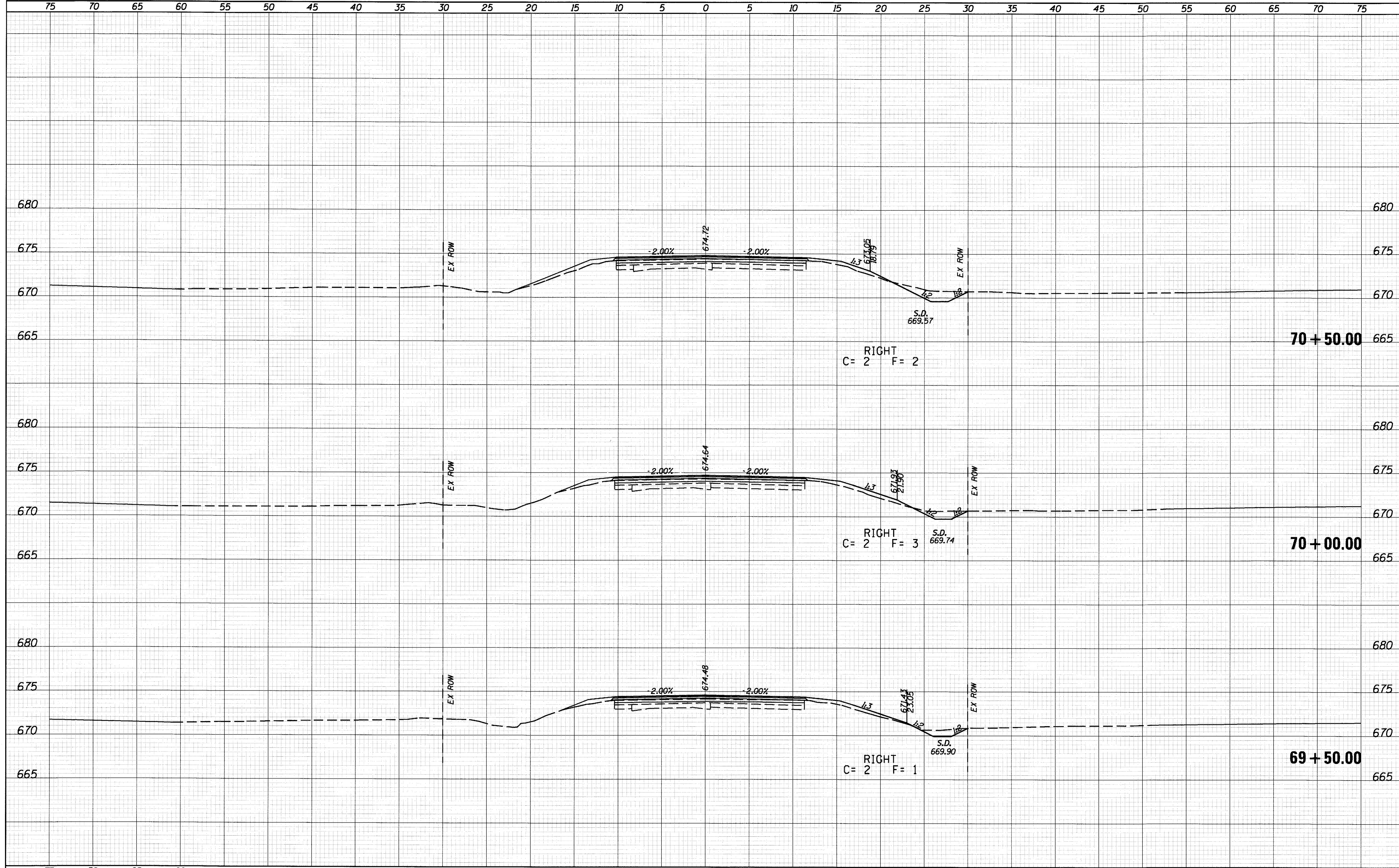
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 68+00.00 TO STA. 69+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 91551		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



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JOB = 2446
FILE NAME = 2446-shr-xsec.dgn
PLOT SCALE = 10.0000' / IN.
PLOT DATE = 8/4/2017

DESIGNED -	NAK	REVISED -	
DRAWN -	SJS	REVISED -	
CHECKED -	NAK	REVISED -	
DATE -	9/20/2016	REVISED -	

**PIATT COUNTY
CH 14 IMPROVEMENTS**

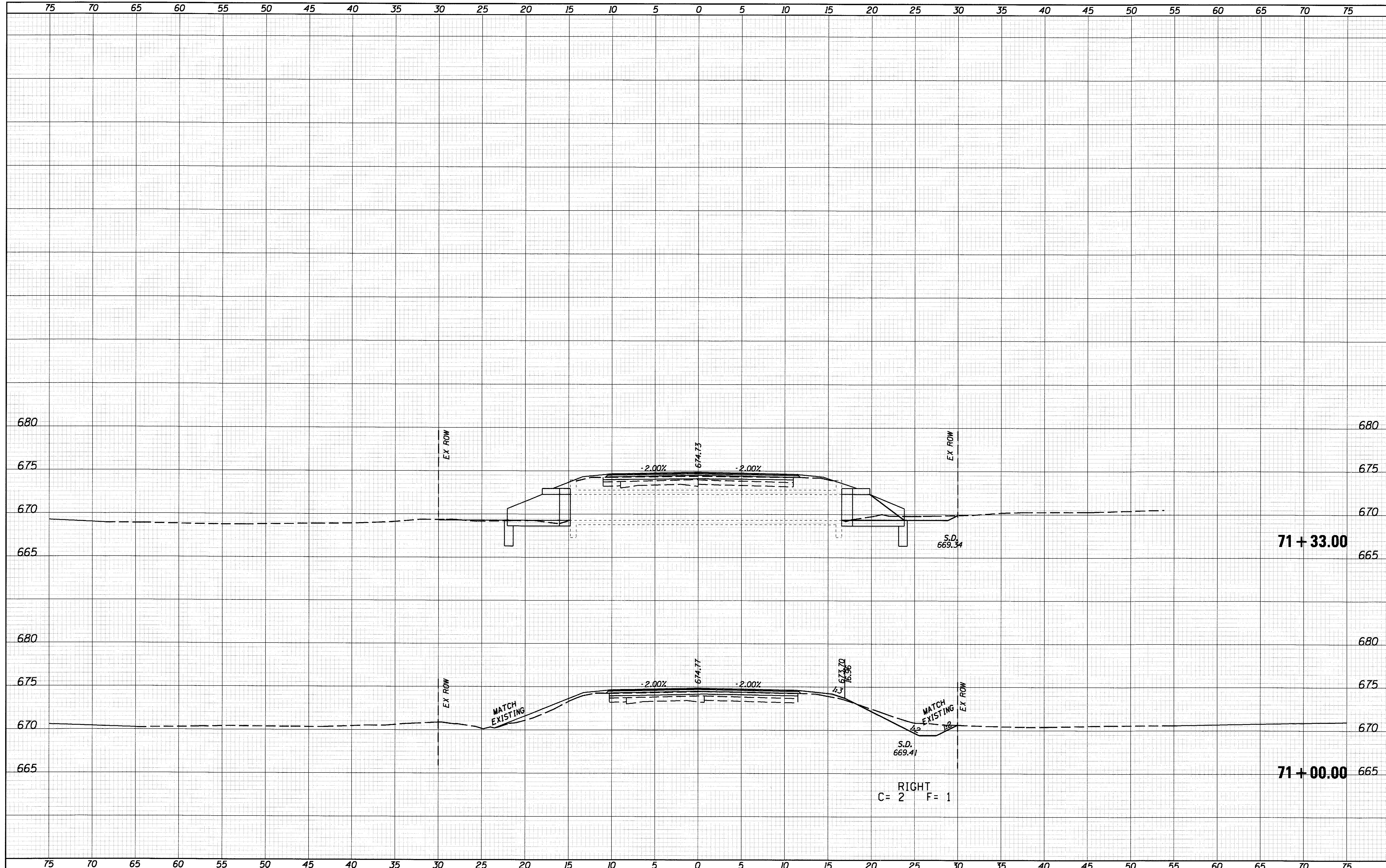
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 69+50.00 TO STA. 70+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
530	18-00238-02-RS	PIATT	34	33
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91551				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	AS
	PREPARED
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	AS
	PREPARED
	CHECKED



JOB - 2446
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 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 8/4/2017

DESIGNED - NAK
 DRAWN - SJS
 CHECKED - NAK
 DATE - 9/20/2016

REVISED -
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**PIATT COUNTY
 CH 14 IMPROVEMENTS**

CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 71+00.00 TO STA. 71+33.00

F.A.S. RTE. 530	SECTION 18-00238-02-RS	COUNTY PIATT	TOTAL SHEETS 34	SHEET NO. 34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 91551		