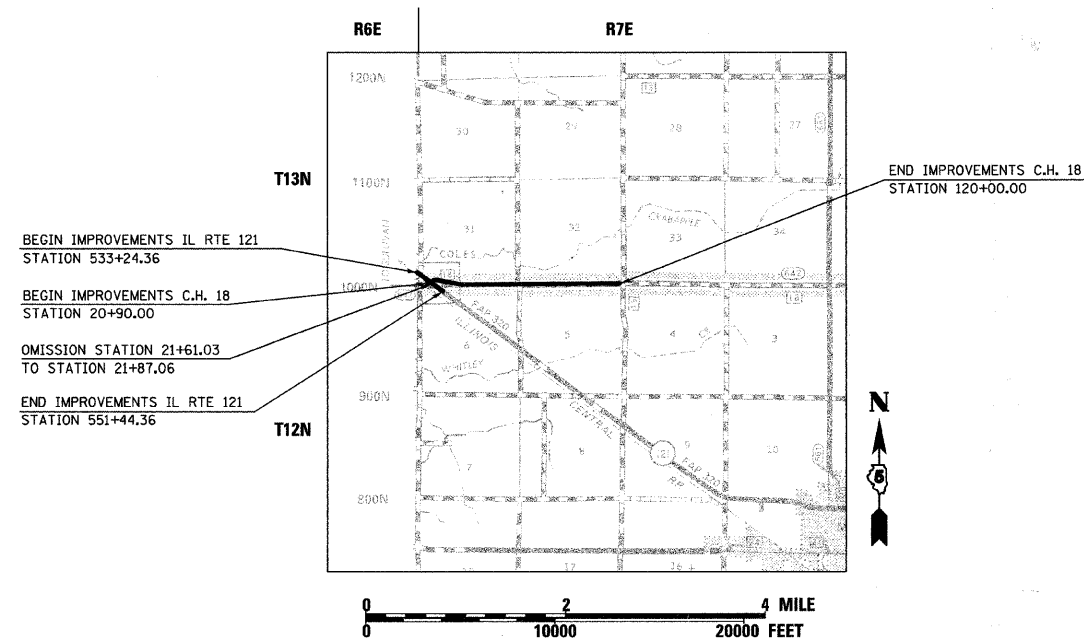


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

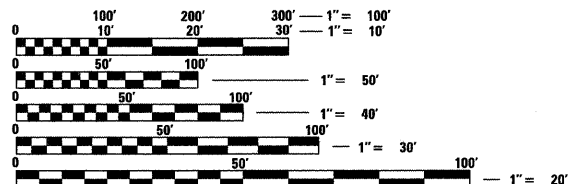
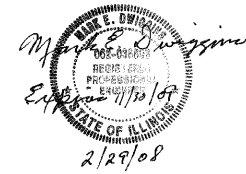
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

F.A.S. ROUTE 642 (CH 18)  
SECTION 00-00127-00-WR  
PROJECT HPP-SR-0642 (121)  
C.H. 18 RECONSTRUCTION  
COLES COUNTY  
JOB# C-97-046-06

FOR INDEX OF SHEETS, SEE SHEET 2  
FOR LIST OF STANDARDS, SEE SHEET 2



TOTAL LENGTH OF FAS 642 IMPROVEMENT	=	9,910.00 LIN. FT.	=	1.877 MILES
OMISSION OF FAS 642 IMPROVEMENT	=	26.03 LIN. FT.	=	0.005 MILES
NET LENGTH OF FAS 642 IMPROVEMENT	=	9,883.97 LIN. FT.	=	1.872 MILES
TOTAL LENGTH OF FAP 320 IMPROVEMENT	=	1,820.00 LIN. FT.	=	0.345 MILES
NET LENGTH OF FAP 320 IMPROVEMENT	=	1,820.00 LIN. FT.	=	0.345 MILES
TOTAL LENGTH OF IMPROVEMENT	=	11,703.97 LIN. FT.	=	2.217 MILES



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

**TRAFFIC DATA:**  
**FUNCTIONAL CLASS: MAJOR COLLECTOR**  
**ADT: 2150 (2027)**  
**DESIGN SPEED = 60 MPH**

**The Upchurch Group, Inc.**  
engineers architects surveyors  
123 N. 15TH ST. MATTOON, ILLINOIS 61938 (217) 235-3177  
PROFESSIONAL DESIGN FIRM LICENSE NO. 184-003401  
TUG PROJ. #3103027

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

APPROVED 02/28 20 08  
*[Signature]*  
COUNTY ENGINEER

PASSED 3/4 20 08  
*[Signature]*  
DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS

Released For Bid Based on Limited Review  
3/4 20 08  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

### INDEX OF SHEETS

- 1 Cover Sheet
- 2 Index of Sheets
- 2 List of Highway Standards
- 3-8 Typical Sections
- 9 General Notes
- 10-12 Summary of Quantities
- 13-17 Schedule of Quantities
- 18-20 Geometrics, Benchmarks, Tie Points
- 21-40 Plan & Profile - CH 18
- 41-43 Plan & Profile - IL Rte 121
- 44 Plan & Profile - Frontage Rd.
- 45 Proposed Overlay Profile - IL Rte 121
- 46 Intersection Details - CH 18 @ IL Rte 121
- 47-52 Detail Sheets
- 53-54 Pavement Marking Plan
- 55 Jointing Plan
- 56-57 Removal Plans - CH 18
- 58-60 Removal Plans - IL Rte 121
- 61-64 Erosion Control Plan - CH 18
- 65-67 Erosion Control Plan - IL Rte 121
- 68-84 Cross Sections - CH 18
- 85-89 Cross Sections - IL Rte 121
- 90 Cross Sections - Frontage Rd.
- 91 Cross Sections - Existing C.H. 18

### ILLINOIS DOT HIGHWAY STANDARDS

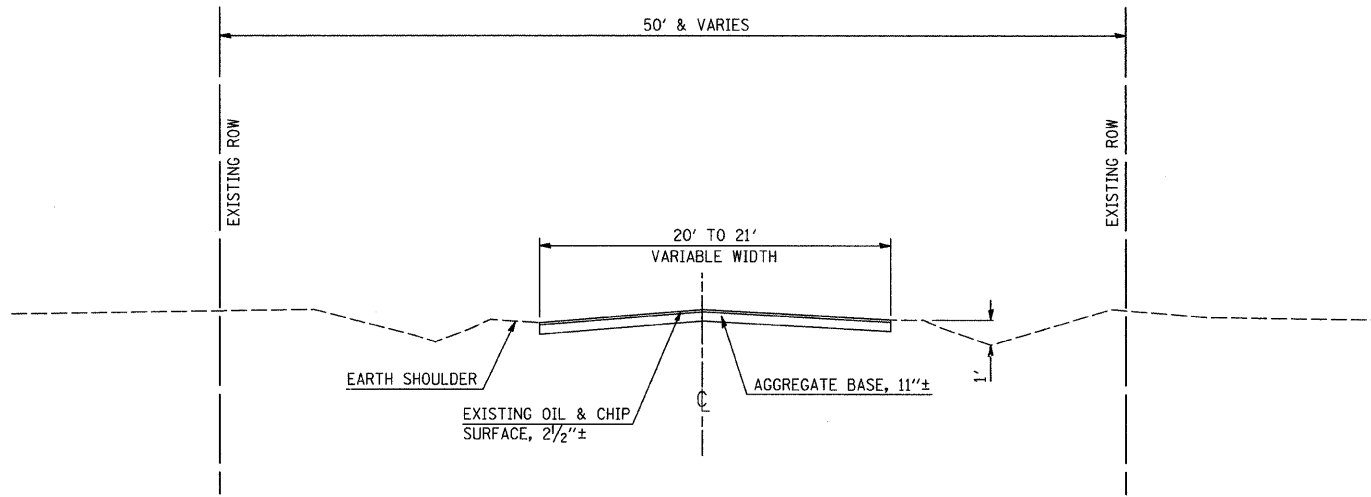
- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-01 AREAS OF REINFORCEMENT REBARS
- 001006 DECIMAL OF AN INCH AND A FOOT
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 420001-07 PAVEMENT JOINTS
- 420101-04 24' JOINTED PCC PAVEMENT
- 420501-04 PCC PAVEMENT AND PCC BASE COURSE ADJACENT TO RAILROAD GRADE CROSSING
- 442201-03 CLASS C AND D PATCHES
- 482011-03 BITUMINOUS SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 542301-01 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-01 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 542311 GRATING FOR CONCRETE FLARED END SECTION (FOR 600mm (24") THRU 1350mm (54") PIPE)
- 542401 METAL END SECTIONS FOR PIPE CULVERTS
- 542546 FLUSH INLET BOX FOR MEDIAN
- 542606 REINFORCED CONCRETE PIPE TEE
- 602301-01 INLET-TYPE A
- 604001-02 FRAME AND LIDS TYPE 1
- 604006-03 FRAME AND GRATE TYPE 3
- 606001-03 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 606006-01 OUTLETS FOR CONC. CURB AND GUTTER TYPE B-15.60 (B-6.24)
- 606201-01 TYPE B GUTTER (INLET, OUTLET AND ENTRANCE)
- 666001 RIGHT OF WAY MARKERS
- 701001-01 OFF-RD OPERATION 2L, 2W, 4.5 m (15') MIN. AWAY FOR SPEEDS ≥ 45 mph
- 701006-02 OFF-RD OPERATION 2L, 2W, 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS ≥ 45 mph
- 701011-01 OFF-RD OPERATION MOVING OPERATIONS 2L, 2W DAY ONLY FOR SPEEDS ≥ 45 mph
- 701201-02 LANE CLOSURE, 2L, 2W DAY ONLY ON-RD TO 600 mm (24") OFF-RD FOR SPEEDS ≥ 45 mph
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS-DAY ONLY FOR SPEEDS ≥ 45 mph
- 701311-02 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701326-02 LANE CLOSURE 2L, 2W PAVEMENT WIDENING FOR SPEEDS ≥ 45 mph
- 701901 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- BLR 21-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- BLR 22-5 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)
- BLR 23-2 TRAFFIC BARRIER TERMINAL TYPE 1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	INDEX OF SHEETS LIST OF HIGHWAY STANDARDS	

SCALE: VERT.      DRAWN BY      SJF  
 HORIZ.              CHECKED BY      MED  
 DATE 02/29/2008

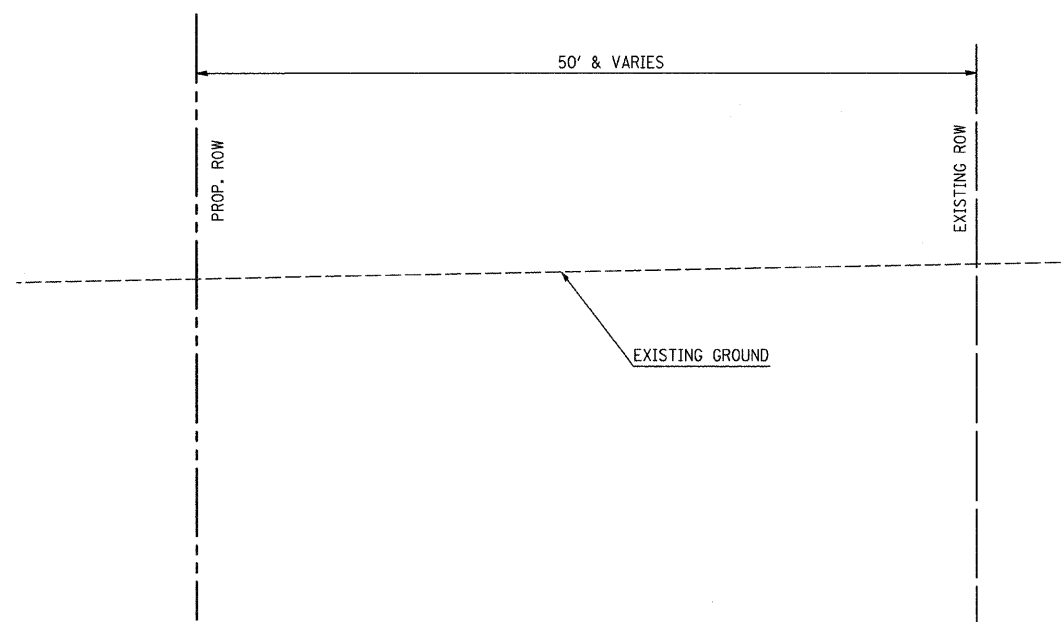
TUG PROJ. #303027 ...\MID\00127\00\WRSHEETS.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



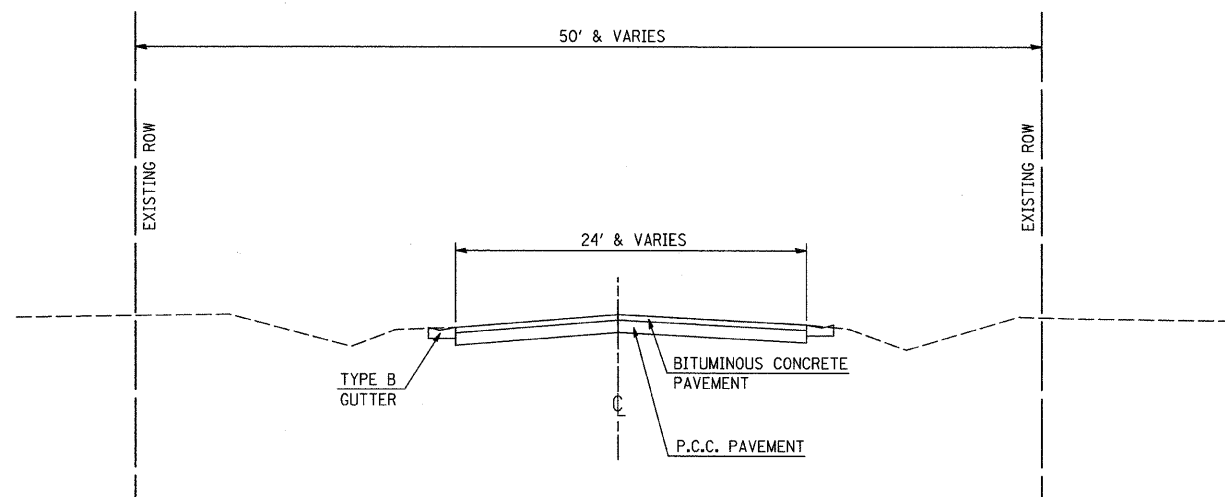
**EXISTING TYPICAL SECTION 1**

EXISTING C.H. 18  
 STA. 200+24 (STA. 23+98.23 PROPOSED C.H. 18) TO  
 STA. 220+91.55 (STA. 46+35.29 PROPOSED C.H.18)



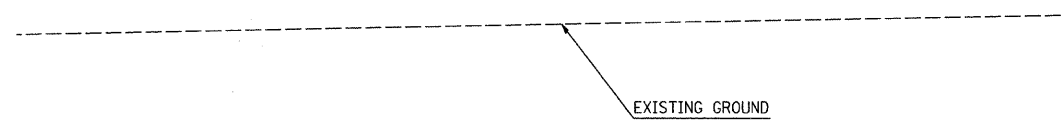
**EXISTING TYPICAL SECTION 3**

C.H. 18 RELOCATION  
 STA. 22+90.24 TO STA. 41+00



**EXISTING TYPICAL SECTION 2**

C.H. 18  
 STA. 20+90.00 TO STA. 21+61.03  
 STA. 21+87.06 TO STA. 22+50.27



**EXISTING TYPICAL SECTION 4**

FRONTAGE ROAD  
 STA. 10+13 TO STA. 11+95.11

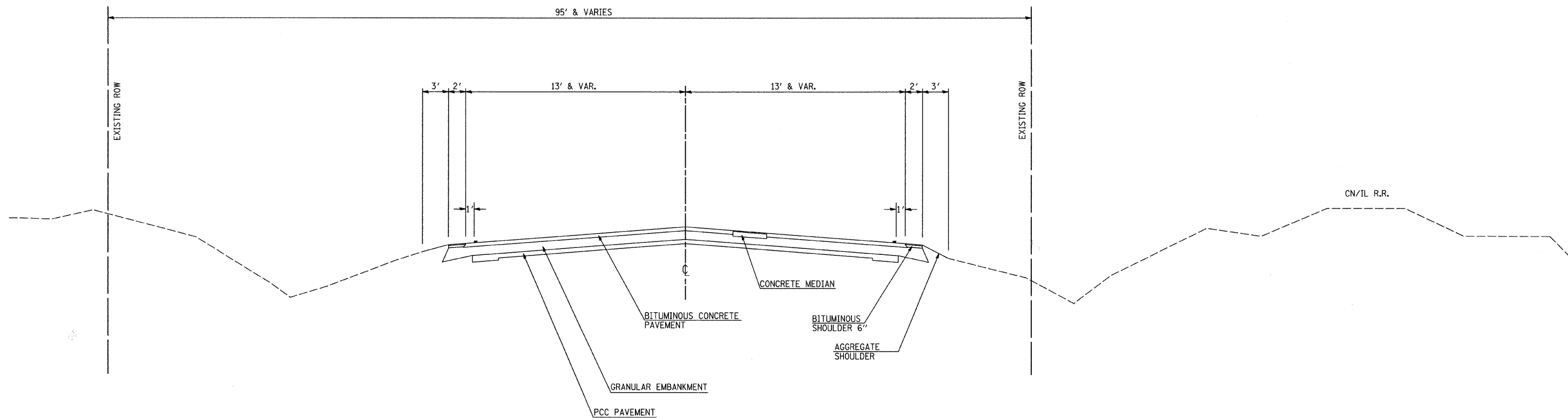
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING TYPICAL SECTIONS**

SCALE: VERT.      DRAWN BY      SJF  
 HORIZ.              CHECKED BY      MED  
 DATE 02/29/2008

TUG PROJ. #303027  
 ...\\P110100\BIDDING\303027\SHEET.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



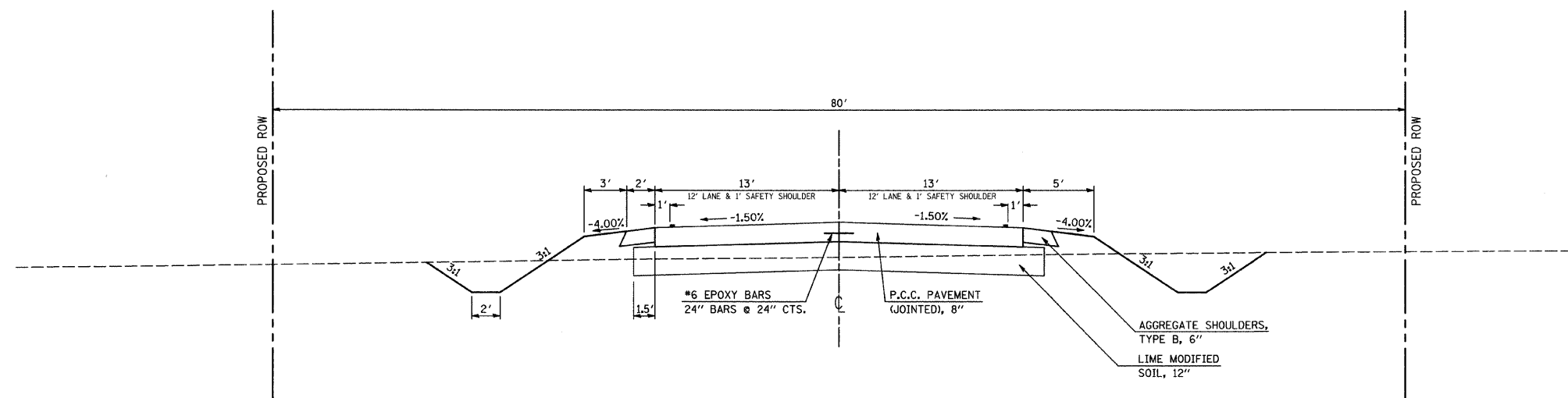
## EXISTING TYPICAL SECTION 5

IL RTE 121  
 STA. 533+24.36 TO STA. 551+44.36

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	EXISTING TYPICAL SECTIONS	
SCALE:	VERT.	DRAWN BY	SJF
DATE	HORIZ.	CHECKED BY	MED
	02/29/2008		

TUG PROJ. #303027  
 ...\\WHITE\BIDDING\SHSHEET.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

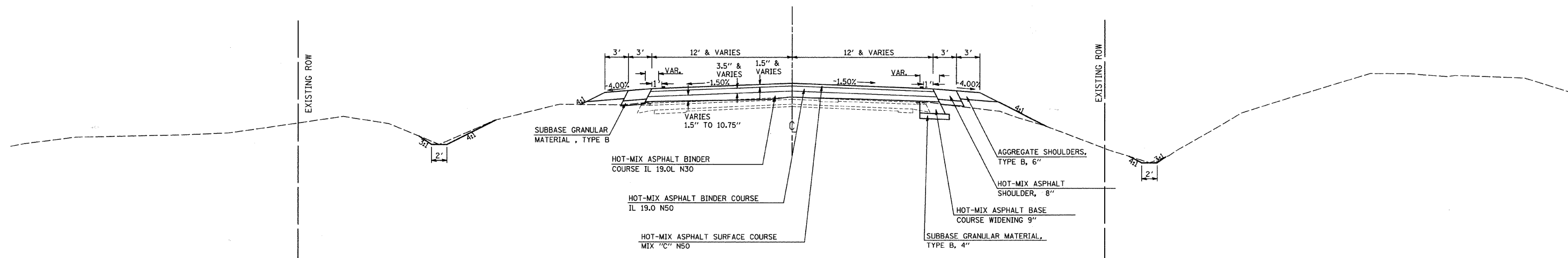


### PROPOSED TYPICAL SECTION 1

C.H. 18

STA. 22+90.24 TO STA. 46+35.29

### PROPOSED TYPICAL CROSS SECTION IL RTE. 121



### PROPOSED TYPICAL SECTION 2

IL RTE 121

STA. 533+24.36 TO STA. 551+44.36

REVISIONS	
NAME	DATE

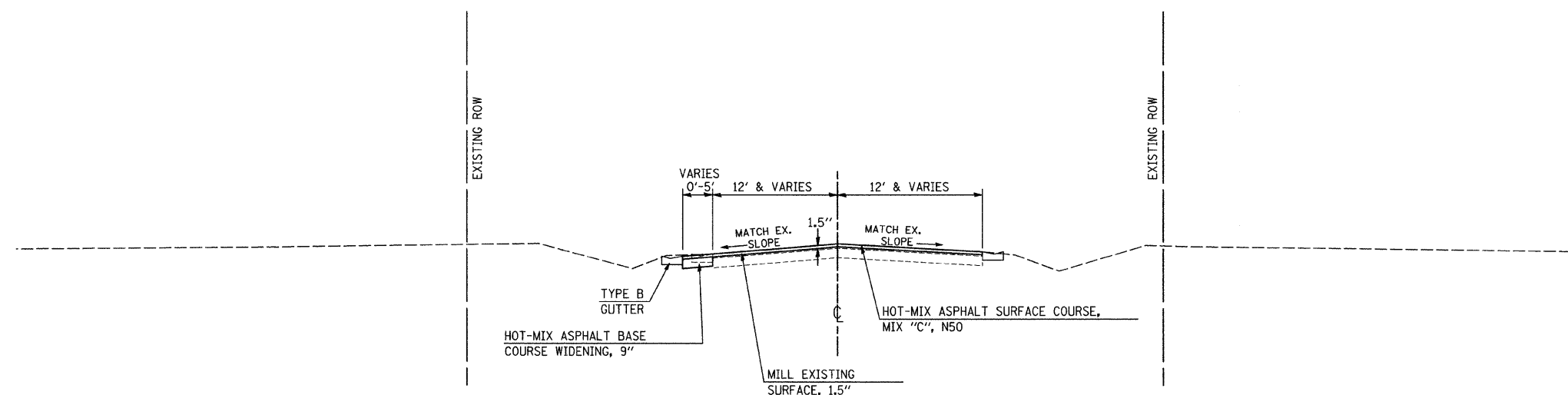
ILLINOIS DEPARTMENT OF TRANSPORTATION  
PROPOSED TYPICAL SECTIONS

SCALE: VERT.     
HORIZ.     
DATE 02/29/2008

DRAWN BY SJF  
CHECKED BY MED

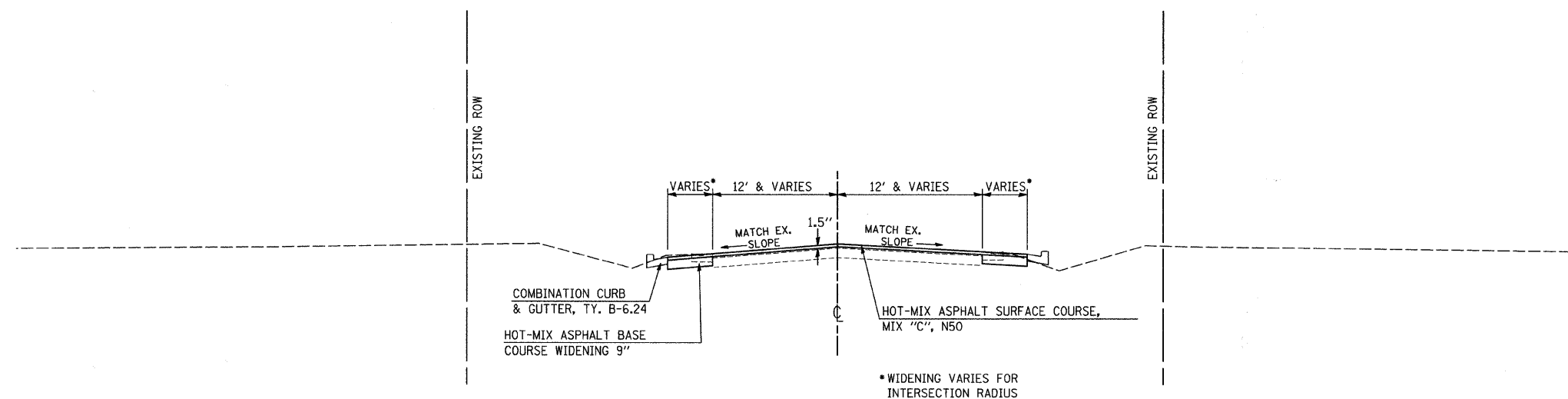
TUG PROJ. #303027  
...\\TUG\BIDDING\SHSHEET.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PROPOSED TYPICAL SECTION 3**

C.H. 18  
 STA. 20+90 TO STA. 21+61.03



**PROPOSED TYPICAL SECTION 4**

C.H. 18  
 STA. 21+87.06 TO STA. 22+50.27

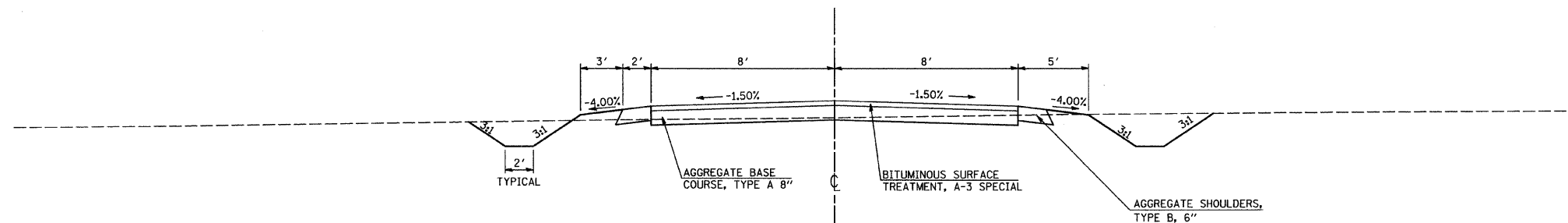
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROPOSED TYPICAL SECTIONS**

SCALE: VERT.      DRAWN BY      SJF  
 HORIZ.              CHECKED BY      MED  
 DATE 02/29/2008

TUG PROJ. #303027  
 ...\\MITE\topping\sheet.dgn

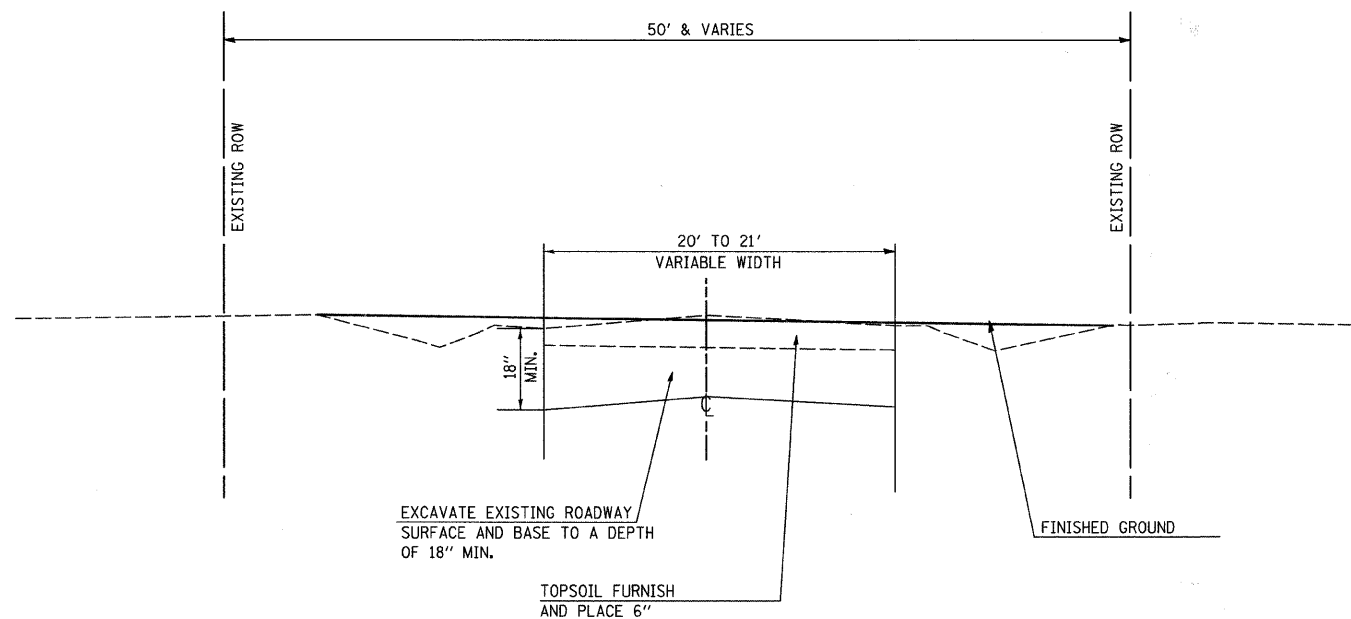
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



### PROPOSED TYPICAL SECTION 5

FRONTAGE ROAD

STA. 10+13.00 TO STA. 11+95.11



### PROPOSED TYPICAL SECTION 6

EXISTING C.H. 18

STA. 201+00 TO STA. 215+00 \*

\* OMISSION STA. 205+12 TO STA. 211+82

REVISIONS	
NAME	DATE

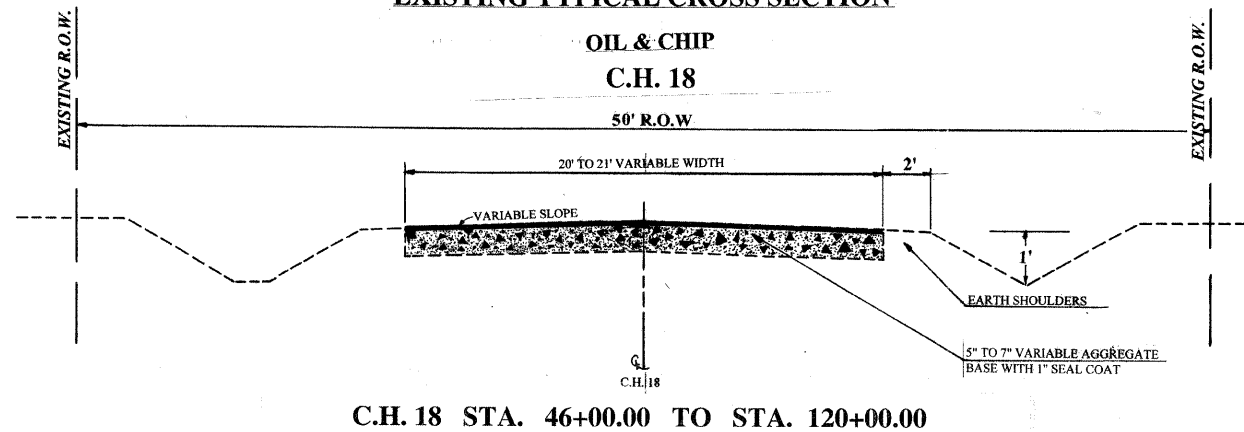
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TYPICAL SECTIONS

SCALE: VERT.    HORIZ.  
 DATE 02/29/2008

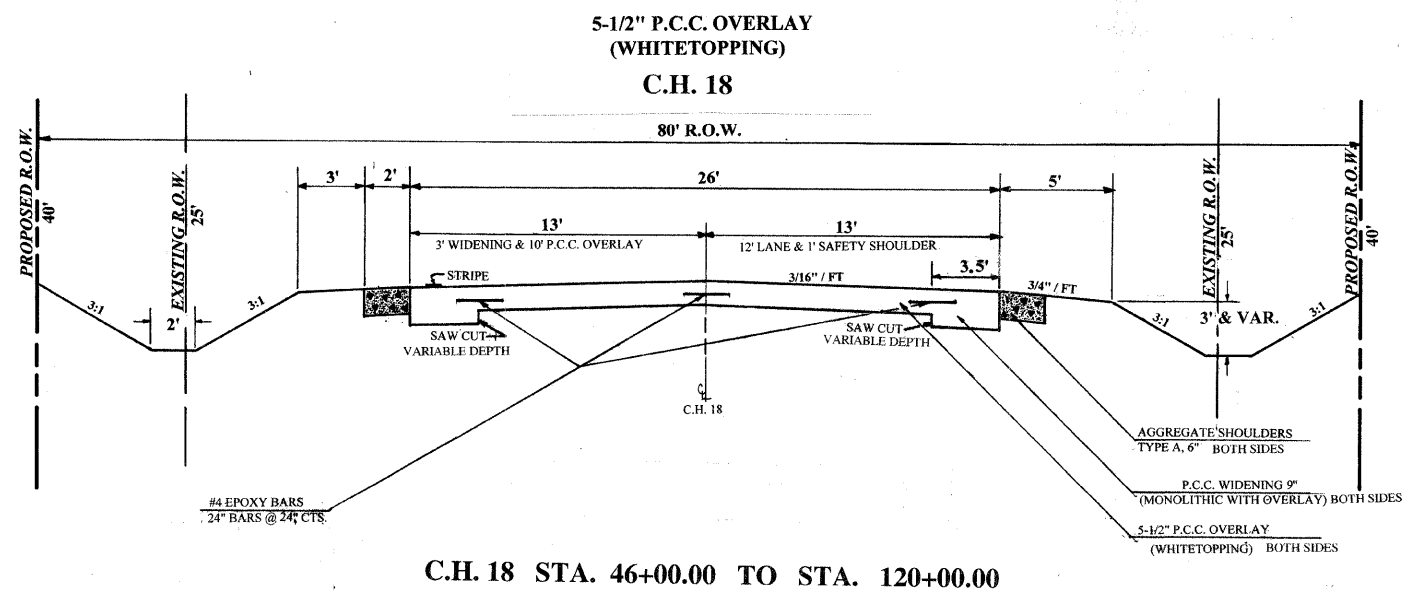
DRAWN BY RLH  
 CHECKED BY MED

TUG PROJ. #303027  
 ...\\P1101\TOPPING\5SHEET.dgn

**EXISTING TYPICAL CROSS SECTION**



**PROPOSED TYPICAL CROSS SECTION**





F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JAN. 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AS INDICATED ON THE CHECK SHEET, AND THE "SPECIAL PROVISIONS" INCLUDED IN THE PROPOSAL.

ANY REFERENCE TO ILLINOIS DIVISION OF HIGHWAY STANDARDS SHALL MEAN THE LATEST REVISION TO SAID STANDARDS, IN EFFECT AT THE DATE OF THE BID LETTING.

THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE EXISTING PAVEMENT TO BE WHITE TOPPED DURING HIS CONSTRUCTION ACTIVITIES. RUTTING, CRACKS, WASH BOARDING, PAVEMENT SHOIVING, ETC., OF THE EXISTING SURFACE WILL NOT BE ALLOWED. ANY AREAS OF EXISTING PAVEMENT TO BE OVERLAID WITH P.C.C. PAVEMENT, 5" (WHITE TOPPED) THAT ARE DAMAGED BY THE CONTRACTOR'S CONSTRUCTION ACTIVITIES, ARE TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE. IF DAMAGE RESULTS IN A CHANGE OF GRADE OF THE EXISTING PAVEMENT, THE CONTRACTOR SHALL MAINTAIN THE MINIMUM REQUIRED 5" CONCRETE THICKNESS AND PROPOSED PROFILE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COST OF REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMPS.

ANY UNSUITABLE EARTH EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR AND AS DIRECTED BY THE ENGINEER. NO PAYMENT WILL BE MADE FOR OVERHAUL ON ANY MATERIAL FROM ANY SOURCE ON THIS PROJECT. THE EARTHWORK IS AS FOLLOWS:

00-00127-00-WR	
EARTH EXCAVATION	= 15,742 CU YD
EARTH EXCAVATION (WIDENING)	= 613 CU YD
EMBANKMENT	= 12,465 CU YD
FURNISHED EXCAVATION	= 199 CU YD

EXISTING PAVEMENT MARKED FOR SAWING SHALL BE NEATLY SAWED AT THE LOCATIONS WHERE THE PROPOSED CONSTRUCTION WILL ABUT THE EXISTING PAVEMENT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM INVOLVED. ALL SAW CUTS SHALL BE FULL DEPTH UNLESS OTHERWISE SPECIFIED. IF THERE IS DAMAGE ALONG THE SAW CUT LINE (CHIPPING, GOUGING, JAGGED EDGES, ETC.), THE CONTRACTOR WILL RE-DO THE SAW LINE TO MAKE A STRAIGHT AND TRUE SAW CUT BEHIND THE DAMAGED AREA, AT HIS EXPENSE, AND NO ADDITIONS TO ANY PAY QUANTITIES WILL BE ALLOWED.

ALL CONTRACTION JOINTS SHALL BE SAWED IN ACCORDANCE WITH ARTICLE 420 AND THE DETAIL DRAWINGS FOR SAWED CONTRACTION JOINTS.

THE BITUMINOUS SURFACE REMOVAL MATERIAL, AT THE CONTRACTOR'S EXPENSE AND BY A MEANS AGREEABLE TO THE ENGINEER, MAY BE INCORPORATED WITHIN THE WIDENING/SHOULDER EMBANKMENT UNDER A MINIMUM OF 6" OF EMBANKMENT.

AT ALL LOCATIONS WHERE THE PROPOSED PCC PAVEMENT, 8" (JOINTED) OR PCC PAVEMENT 9" (WIDENING) IS LESS THAN TWO (2) FEET IN WIDTH, THE PAVEMENTS SHALL BE POURED MONOLITHIC WITH THE PROPOSED CURB AND GUTTER OR WITH THE ADJACENT LANE OF THE PCC PAVEMENT.

THE LOCATIONS OF VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES, RECORD DRAWINGS, AND FIELD SURVEYS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH THE ACTUAL LOCATION OF THE UTILITIES. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING OPERATIONS NEAR THE UTILITIES SO AS TO PREVENT DAMAGE TO THESE UTILITIES. THE UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. [J.U.L.I.E. - JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123].

POINTS OF GRADE FOR STORM SEWER CASTINGS ARE AS FOLLOWS:  
 TYPE 1 - TOP OF CASTING  
 TYPE 3 - EDGE OF PAVEMENT

CONTROLLED LOW-STRENGTH MATERIAL, MIX 1, SHALL BE USED AS TRENCH BACKFILL MATERIAL. THE BACKFILL OF ALL "ACROSS ROAD" PIPE CULVERTS AND STORM SEWERS FROM THE BEDDING TO THE GRADE AS SPECIFIED ON THE PLANS, OR AS DETERMINED BY THE ENGINEER, SHALL BE CONTROLLED LOW-STRENGTH MATERIAL, MIX 1. THE COST OF THE CONTROLLED LOW-STRENGTH MATERIAL MIX 1, FROM THE TOP OF THE FINE AGGREGATE TRENCH BEDDING TO THE MID POINT OF THE PIPE CULVERT OR STORM SEWER IS INCLUDED IN THE PAY ITEM INVOLVED AND NO OTHER COMPENSATION SHALL BE ALLOWED. CONTROLLED LOW-STRENGTH MATERIAL, MIX 1, FROM THE MID-POINT OF THE PIPE CULVERT OR STORM SEWER TO THE GRADE AS SPECIFIED BY THE ENGINEER WILL BE PAID FOR BY THE CUBIC YARD PER THE PAY ITEM FOR CONTROLLED LOW-STRENGTH MATERIAL, MIX 1. ALL STORM SEWER/PIPE TRENCHES LOCATED IN THE SUBGRADE OF ANY EXISTING OR PROPOSED PAVEMENT OR WITHIN TWO (2) FEET OF ANY PAVED SURFACE SHALL BE FILLED WITH CONTROLLED LOW-STRENGTH MATERIAL, MIX 1, IN ACCORDANCE WITH THE SPECIAL PROVISIONS, AND SECTION 593.

IN OTHER AREAS, SUCH AS THOSE WHERE RUTS AND IRREGULARITIES MAY HAVE BEEN CREATED IN THE GROUND SURFACE, OR IN DISTURBED AREAS OUTSIDE OF THE DESIGNATED SEEDING LIMITS, SCARIFYING, GRADING, AND SEEDING WILL BE DONE TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN SEEDING, CLASS 2 (SPECIAL).

SEEDING DATES FOR ALL CLASSES OF SEEDING WILL BE AS LISTED BELOW:		
CLASS OF SEEDING	BEGINNING DATES	TERMINATION DATES
1, 1A, 1B, 2, 2A, 3 (IN SPRING)	APRIL 1	MAY 15
1, 1A, 1B, 2, 2A, 3 (IN FALL)	AUGUST 15	OCTOBER 15

TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON FINISHED GRADES AT TIME OF COMPLETION.

ANY TREE, SHRUB, OR PLANTING NOT INTERFERING WITH CONSTRUCTION OPERATIONS, AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER, SHALL BE PROTECTED DURING CONSTRUCTION OPERATIONS.

BEFORE ORDERING CULVERT PIPE, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER FOR DETERMINING EXACT LENGTHS.

ALL EXISTING END SECTIONS TO BE REMOVED SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM REMOVE EXISTING CULVERTS AND NO OTHER COMPENSATION SHALL BE ALLOWED.

PORTIONS OF EXISTING CULVERTS MAY HAVE TO BE REMOVED TO FACILITATE THEIR EXTENSION. THESE LOCATIONS AND THE AMOUNT TO BE REMOVED SHALL BE APPROVED BY THE ENGINEER. THE COST OF THE REMOVAL AND DISPOSAL WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF THE PROPOSED CULVERT FOR THE TYPE AND SIZE INDICATED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED, EXCEPT PAYMENT WILL BE MADE FOR ANY ADDITIONAL LENGTH OF PIPE CULVERT ORDERED BY THE ENGINEER.

ANY MAILBOX REMOVED AND RESET WITHIN THE LIMITS OF THIS PROJECT, AS DETERMINED BY THE ENGINEER, THE COST SHALL BE INCLUDED IN THIS CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR, AT HIS EXPENSE, WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TEMPORARILY OR PERMANENTLY RESET SUCH SIGNS THAT THE ENGINEER FEELS ARE NECESSARY FOR PROPER TRAFFIC CONTROL DURING OR UPON COMPLETION OF THIS PROJECT. ANY POSTS OR SIGNS THAT ARE DAMAGED IN REMOVING, RESETTING, OR HANDLING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL REBARS USED IN THIS PROJECT SHALL BE EPOXY COATED AND INCLUDED IN THE PAY ITEMS INVOLVED, UNLESS NOTED OTHERWISE.

RIGHT-OF-WAY MARKERS SHALL BE ERECTED WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKER WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE.

WHERE SMALL QUANTITIES OF LIME MODIFICATION ARE SHOWN IN THE PLANS, SUBBASE GRANULAR MATERIAL, TYPE A MAY BE SUBSTITUTED AND CONSTRUCTED ACCORDING TO THE APPLICABLE PORTIONS OF SECTION 311. THE DEPTH OF THE SUBBASE GRANULAR MATERIAL SHALL BE THE SAME AS THE PROPOSED DEPTH OF THE LIME MODIFICATION. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PROCESSING MODIFIED SOIL OF THE DEPTH SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE TOTAL AREA TO BE RESURFACED IS 6,682 SQUARE YARDS OF WHICH 4,470 SQUARE YARDS ARE VARIABLE WIDTH AND 2,330 SQUARE YARDS ARE VARIABLE DEPTH.

ESTIMATED QUANTITIES:

2,315 GAL.	BITUMINOUS MATERIALS (PRIME COAT)
15 TONS	AGGREGATE (PRIME COAT)
313 SQ. YD.	HOT-MIX ASPHALT BASE COURSE WIDENING
2,707 TONS	HOT-MIX ASPHALT BINDER COURSE
677 TONS	HOT-MIX ASPHALT SURFACE COURSE

AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION MIXTURE USE	INCIDENTAL HMA SURFACING	IL 121 HMA SHOULDER	IL 121 HMA BINDER COURSE	IL 121 HMA BINDER COURSE LOW ESAL	IL 121 HMA BASE COURSE WIDENING	IL 121 HMA SURFACE COURSE
AC/PC	PG 64-22	PG 58-22	PG 64-28	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	25%	30%	0%	30%	25%	15%
DESIGN AIR Voids	4.0% @ NDES = 50	2.0% @ NDES = 30	4.0% @ NDES = 50	4.0% @ NDES = 30	4.0% @ NDES = 50	4.0% @ NDES = 50
MIX COMP (GRADATION)	IL 9.5	B.A.M.	IL 19.0	IL 19.0L	IL 19.0	IL 9.5
FRICITION AGGREGATE	MIX C	N.A.	N.A.	N.A.	N.A.	MIX C

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p style="text-align: center;">GENERAL NOTES</p> <p>SCALE: VERT.      DRAWN BY      SJF                      HORIZ.              CHECKED BY      MED                      DATE 02/29/2008</p>

TUG PROJ # 00127  
 I:\WHITTEDDING\00 SHEET.DGN

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

## SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	UNIT	IL 121	C.H. 18	TOTAL
* 20200100	EARTH EXCAVATION	CU YD	2080	13662	15742
* 20200500	EARTH EXCAVATION (WIDENING)	CU YD	99	514	613
20400800	FURNISHED EXCAVATION	CU YD	0	199	199
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	0	1622	1622
21301052	EXPLORATION TRENCH 52" DEPTH	FEET	305	3765	4070
* 25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.8	16.1	17.9
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	180	1610	1790
28000300	TEMPORARY DITCH CHECKS	EACH	8	47	55
28000400	PERIMETER EROSION BARRIER	FEET	0	2231	2231
28000500	INLET AND PIPE PROTECTION	EACH	3	19	22
28100107	STONE RIPRAP, CLASS A4	SQ YD	0	8	8
28200200	FILTER FABRIC	SQ YD	0	8	8
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	886	7066	7952
30201500	LIME	TONS	20	159	179
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TONS	252	151	403
35101400	AGGREGATE BASE COURSE, TYPE B	TONS	9	0	9
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	0	345	345
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	313	0	313
* 40200800	AGGREGATE SURFACE COURSE, TYPE B	TONS	37	316	353
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLONS	2293	22	2315
40600300	AGGREGATE (PRIME COAT)	TONS	15	0.4	15
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	231	0	231
40600990	TEMPORARY RAMP	SQ YD	48	13	61
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TONS	966	0	966
40603100	HOT-MIX ASPHALT BINDER COURSE, IL-19.0L, N30	TONS	1741	0	1741

## SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	UNIT	IL 121	C.H. 18	TOTAL
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TONS	659	18	677
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLONS	9	0	9
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TONS	5	0	5
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	0	66	66
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	819	6335	7154
42001300	PROTECTIVE COAT	SQ YD	926	6362	7288
* 42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	0	487	487
44000100	PAVEMENT REMOVAL	SQ YD	439	0	439
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	0	213	213
* 44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	0	1801	1801
44000400	GUTTER REMOVAL	FEET	0	60	60
44004250	PAVED SHOULDER REMOVAL	SQ YD	548	0	548
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	91	0	91
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FEET	922	0	922
48101200	AGGREGATE SHOULDERS, TYPE B	TONS	514.5	1543.5	2058
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1115	0	1115
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	0	1	1
* 50104600	CONCRETE RETAINING WALL REMOVAL	FEET	0	30	30
50105200	REMOVE EXISTING CULVERTS	EACH	3	17	20
50800205	REINFORCEMENT BARS, EPOXY COATED	LBS	228.3	3295.4	3524

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SUMMARY OF QUANTITIES

SCALE: VERT.      DRAWN BY      SJF  
 HORIZ.              CHECKED BY      MED  
 DATE 02/29/2008

TUC PROJ. #3103027  
 ...\\WHITE\TOPPING\SHEET.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

## SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	UNIT	IL 121	C.H. 18	TOTAL
54001000	BOX CULVERT END SECTIONS	EACH	2	0	2
54010503	PRECAST CONCRETE BOX CULVERT 5X3'	FEET	61	0	61
54200433	PIPE CULVERTS, TYPE 1 RCCP 18"	FEET	0	8	8
54200439	PIPE CULVERTS, TYPE 1 RCCP 24"	FEET	0	80	80
54200451	PIPE CULVERTS, TYPE 1 RCCP 36"	FEET	160	0	160
54200463	PIPE CULVERTS, TYPE 1 RCCP 48"	FEET	104	0	104
54200637	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 12"	FEET	0	30	30
54200640	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 15"	FEET	0	330	330
54200643	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FEET	0	126	126
* 54205050	PIPE CULVERTS, SPECIAL 15"	FEET	0	50	50
54207171	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	FEET	0	180	180
54207177	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	FEET	0	45	45
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	0	2	2
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	0	4	4
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	0	4
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	0	2
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS-ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	0	8	8
54214737	PRECAST REINFORCED CONCRETE FLARED END SECTIONS-ELLIPTICAL, EQUIVALENT ROUND-SIZE 42"	EACH	0	2	2
54215550	METAL END SECTIONS 15"	EACH	0	2	2
54215553	METAL END SECTIONS 18"	EACH	0	4	4
54217722	REINFORCED CONCRETE PIPE TEE, 48" PIPE WITH 24" RISER	EACH	1	0	1
54244405	FLUSH INLET BOX FOR MEDIAN, STD 542546	EACH	0	1	1
* 54248160	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 36"	EACH	0	8	8
* 54248170	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 42"	EACH	0	2	2
54248510	CONCRETE COLLAR	CU YD	0	1.5	1.5

## SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	UNIT	IL 121	C.H. 18	TOTAL
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FEET	8	0	8
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FEET	97	0	97
550B0010	STORM SEWERS, CLASS B, TYPE 1 4"	FEET	0	80	80
550B0020	STORM SEWERS, CLASS B, TYPE 1 6"	FEET	0	80	80
550B0030	STORM SEWERS, CLASS B, TYPE 1 8"	FEET	0	80	80
550B0300	STORM SEWERS, CLASS B, TYPE 2 4"	FEET	0	80	80
550B0310	STORM SEWERS, CLASS B, TYPE 2 6"	FEET	0	80	80
550B0320	STORM SEWERS, CLASS B, TYPE 2 8"	FEET	0	80	80
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FEET	0	210	210
55100500	STORM SEWER REMOVAL 12"	FEET	97	0	97
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	60	74	134
60235300	INLETS, TYPE A, WITH TYPE 1 FRAME, CLOSED LID	EACH	1	0	1
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	0	1
* 60242400	INLETS, SPECIAL	EACH	0	1	1
60500060	REMOVING INLETS	EACH	1	0	1
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	0	1	1
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	10.5	0	10.5
60602800	CONCRETE GUTTER, TYPE B	FEET	0	137	137
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FEET	250	0	250
61100605	MISCELLANEOUS CONCRETE	CU YD	0	1.5	1.5

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## SUMMARY OF QUANTITIES

SCALE: VERT.  
HORIZ.  
DATE 02/29/2008

DRAWN BY SJF  
CHECKED BY MED

TUG PROJ. #3103027  
...\\white\topping\sheet\lgdn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

## SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	UNIT	IL 121	C.H. 18	TOTAL
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	1	25	26
67100100	MOBILIZATION	L SUM	0.26	0.74	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0	1
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DAY	10	0	10
70300100	SHORT-TERM PAVEMENT MARKING	FEET	4661	0	4661
70300200	TEMPORARY PAVEMENT MARKING	FEET	10391	0	10391
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1554	0	1554
72000100	SIGN PANEL-TYPE 1	SQ FT	0	114	114
* 72000105	SIGN PANEL-TYPE 1 (SPECIAL)	SQ FT	0	13	13
72800100	TELESCOPING STEEL SIGN SUPPORT	FEET	0	294	294
△ 78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	156	0	156
△ 78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FEET	9752	0	9752
△ 78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FEET	540	0	540
△ 78000600	THERMOPLASTIC PAVEMENT MARKING-LINE 12"	FEET	197	0	197
△ 78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FEET	32	0	32
△ 78001110	PAINT PAVEMENT MARKING-LINE 4"	FEET	0	21598	21598
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	112	0	112
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	59	0	59
* X4200755	PORTLAND CEMENT CONCRETE OVERLAY, 5 1/2"	SQ YD	0	15623	15623
* X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	2	5	7
* XX004646	ENGINEERED FILL, CLASS 4	CU YD	146	0	146
* XX005699	BITUMINOUS SURFACE TREATMENT, A-3 SPECIAL	SQ YD	0	345	345
* XX007218	PORTLAND CEMENT CONCRETE PAVEMENT 9" (WIDENING)	SQ YD	0	5756	5756

△ SPECIALTY ITEMS

## SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	UNIT	IL 121	C.H. 18	TOTAL
* Z0013798	CONSTRUCTION LAYOUT	L SUM	0.26	0.74	1
* Z0030900	INSPECTION WELLS	EACH	1	8	9
Z0048665	RR LIABILITY & PROTECTION INSURANCE	L SUM	0	1	1
* Z0055300	RUMBLE STRIP	EACH	0	3	3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

### SUMMARY OF QUANTITIES

SCALE: VERT.  
HORIZ.  
DATE 02/29/2008

DRAWN BY SJF  
CHECKED BY MED

TUG PROJ. #3103027  
...\\ntre\topping\sheet1.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVING SCHEDULE, STATION 20+90 TO STATION 46+35.29

	PROCESSING MODIFIED SOIL 12" SQ YD	LIME TONS	SUB-BASE GRANULAR MATERIAL TYPE B TONS	AGGREGATE BASE COURSE TY A, 8" SQ YD	P.C.C. PAVEMENT JOINTED, 8" SQ YD	PROTECTIVE COAT SQ YD	AGGREGATE SHOULDERS TYPE B TONS	HOT-MIX ASPHALT SHOULDERS 8" SQ YD	REINFORCEMENT BARS, EPOXY COATED LBS	BIT. SURFACE TREATMENT, A-3 SPECIAL SQ YD	HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50 TONS	BITUMINOUS MATERIALS (PRIME COAT) GALLON	AGGREGATE (PRIME COAT) TONS	HOT-MIX ASPHALT BINDER COURSE IL 19.0L N30 TONS	HOT-MIX ASPHALT BINDER COURSE IL 19.0 N50 TONS	HOT-MIX ASPHALT BASE COURSE, WIDENING 9" SQ YD	
IL 121																	
533+24.36 TO 539+30.00			142.6				193.5	407.3			212.3	758.7	5.1	595.7	334.0	161.6	
539+30.00 TO 545+40.00			109.6				137.4	304.9			205.1	672.0	4.5	1071.1	547.8	151.1	
545+40.00 TO 551+44.36							183.6	403.0			197.9	665.7	4.4	6.9	83.9		
C. H. 18																	
20+90.00 TO 26+00.00	1,393.9	31.4			1,274.0	1,408.0	38.4		466.0		61.1	218.4	1.4	66.9			
26+00.00 TO 31+50.00	1,772.2	39.8			1,588.9	1,588.9	93.8		826.1								
31+50.00 TO 37+30.00	1,868.9	42.1			1,675.6	1,675.6	95.2		871.2								
37+30.00 TO 43+10.00	1,868.9	42.1			1,675.6	1,675.6	99.1		871.2								
43+10.00 TO 46+35.29	1,048.1	23.5			939.7	939.7	55.6		489.2								
FRONTAGE ROAD																	
10+00.00 TO 11+95.11				345.3			33.4			345.3							
TOTALS	7,952.0	178.9	252.2	345.3	7,153.8	7,287.8	930.0	1,115.2	3,523.7	345.3	676.4	2314.8	15.4	1740.6	965.7	312.7	

EARTHWORK SCHEDULE

	EARTH EXCAVATION (WIDENING) CU YD	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION OR WASTE (-) CU YD	SEEDING CLASS II SPECIAL ACRE	TOPSOIL FURNISH AND PLACE 6" SQ YD
IL 121							
533+24.36 TO 539+30.00	80.2	415.2	371.5	222.3	-149.2	0.42	
539+30.00 TO 545+40.00	19.3	828.1	635.5	509.0	-126.5	0.73	
545+40.00 TO 551+44.36		836.3	627.2	262.2	-365.0	0.63	
C. H. 18							
20+90.00 TO 26+00.00		559.1	419.3	1229.7	810.4	0.40	
26+00.00 TO 31+50.00		752.2	564.1	1532.1	967.9	0.58	
31+50.00 TO 37+30.00		295.9	221.9	2007.4	1785.5	0.49	
37+30.00 TO 43+10.00		446.8	335.1	1103.7	768.6	0.52	
43+10.00 TO 46+35.29		172.2	129.2	162.4	33.2	0.25	
46+00.00 TO 50+00.00		654.0	490.5	230.0	-260.5		
50+00.00 TO 55+00.00		768.0	576.0	303.0	-273.0		
55+00.00 TO 60+00.00		888.0	666.0	284.0	-382.0		
60+00.00 TO 65+00.00		628.0	471.0	316.0	-155.0		
65+00.00 TO 70+00.00		548.0	411.0	352.0	-59.0		
70+00.00 TO 75+00.00		778.0	583.5	242.0	-341.5		
75+00.00 TO 80+00.00		547.0	410.3	331.0	-79.3		
80+00.00 TO 85+00.00		471.0	353.3	441.0	87.8	8.60	
85+00.00 TO 90+00.00		634.0	475.5	370.0	-105.5		
90+00.00 TO 95+00.00		779.0	584.3	408.0	-176.3		
95+00.00 TO 100+00.00		654.0	490.5	441.0	-49.5		
100+00.00 TO 105+00.00		556.0	417.0	389.0	-28.0		
105+00.00 TO 110+00.00		716.0	537.0	311.0	-226.0		
110+00.00 TO 115+00.00		975.0	731.3	382.0	-349.3		
115+00.00 TO 120+00.00		638.0	478.5	384.0	-94.5		
46+00.00 TO 120+00.00	514.0		385.5		385.5		
TR 14							
42+50 TO 43+00		9.0	6.8	0.0	-6.8		
TR 14A							
50+00 TO 50+50		8.0	6.0	0.0	-6.0		
FRONTAGE ROAD							
10+00.00 TO 11+95.11		194.0	145.5	17.8	-127.7	0.13	
*EXISTING C. H. 18							
200+50 TO 215+06		991.6	743.7	234.8	-508.9	5.17	1622
TOTALS	613.4	15742.3	12266.7	12465.3	198.5	17.9	1622

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>SCHEDULES</p> <p>SCALE: VERT. HORIZ. DATE 02/28/2008</p> <p>DRAWN BY RLH CHECKED BY MED</p>

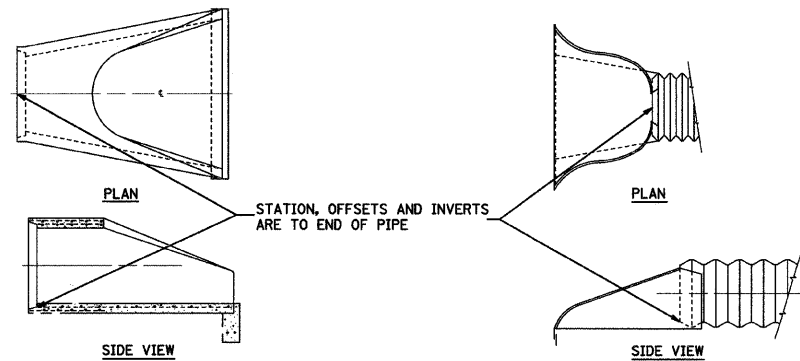
TUG PROJ. #1397022-5  
...WHITE TOPPING SCHEDULES.DGN



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PIPE CULVERTS, STATION 20+90 TO STATION 46+35

SIDE	STA.	REMARKS	RCCP, TYPE 1				CS/A CP TYPE 1	PRECAST CONCRETE BOX CULVERT	METAL END SECTIONS	PRC FLARED END SECTIONS				PRECAST BOX CULVERT END SECTION	CONTROLLED LOW STRENGTH MATERIAL
			18"	24"	36"	48"				18"	24"	36"	48"		
			LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	EACH	CU YD
C. H.	18														
	21+31	EXTEND ACROSS ROAD CULVERT	8						2						
	31+00	ACROSS ROAD		48						2					
RT	34+50	FRONTAGE ROAD		32							2				
	23+35	ACROSS ROAD			88						2				
	22+13	ACROSS ROAD				104						2		36.8	
RT	40+24	ENTRANCE					30		2						
IL RTE	121														
RT	536+70	COUNTY ROAD 000 E.						61					2	13.1	
	541+00	ACROSS ROAD			72						2			9.5	
TOTALS			8	80	160	104	30	61	2	2	4	4	2	2	59.4



EXISTING SIGNS

ROUTE	STATION	OFFSET	COMMENT
C. H. 18	70+49.5	28.0' LT	COUNTY COORD., RESET
C. H. 18	114+03	22.5' RT	STOP AHEAD, REMOVE
C. H. 18	117+58	20.0' LT	C. H. 18, RESET

PROPOSED SIGNS

ROUTE	STATION	OFFSET	SIGN PANEL TYPE 1 SQ FT	*SIGN PANEL TYPE 1 SPECIAL SQ FT	TELESCOPING STEEL SIGN SUPPORT FEET	COMMENT
C. H. 18	23+19	26.0' LT	6.3		15	STOP SIGN (R1-1)
C. H. 18	23+19	26.0' LT	3.8		-	CROSS TRAFFIC DOES NOT STOP (W4-4P)
C. H. 18	24+55	21.0' RT	6.3		16	RIGHT CURVE (W1-2R)
C. H. 18	24+55	21.0' RT	2.3		-	ADVISORY SPEED PLATE 45 MPH (W-13-1)
C. H. 18	26+19	33.0' LT	9.0		16	STOP AHEAD (W3-1)
C. H. 18	32+00	21.0' RT	6.3		16	SIDEROAD (W2-2)
C. H. 18	33+00	21.0' LT	6.3		16	LEFT CURVE (W1-2L)
C. H. 18	33+00	21.0' LT	2.3		-	ADVISORY SPEED PLATE 45 MPH (W-13-1)
C. H. 18	36+00	21.0' RT	6.3		17	LEFT CURVE (W1-2L)
C. H. 18	36+00	21.0' RT	2.3		-	ADVISORY SPEED PLATE 45 MPH (W-13-1)
C. H. 18	37+00	21.0' LT	6.3		16	SIDEROAD (W2-2)
C. H. 18	44+45	21.0' LT	6.3		17	RIGHT CURVE (W1-2R)
C. H. 18	44+45	21.0' LT	2.3		-	ADVISORY SPEED PLATE 45 MPH (W-13-1)
C. H. 18	64+85	24.0' RT		6.3	17	SIDEROAD SPECIAL
C. H. 18 (END OF T.R. 14	69+33	24.0' RT	8.0		30	DOUBLE ARROW (W1-7) (2 POSTS)
C. H. 18 (END OF T.R. 14	70+75	24.0' LT	8.0		28	DOUBLE ARROW (W1-7) (2 POSTS)
C. H. 18	74+95	24.0' LT		6.3	17	SIDEROAD SPECIAL
C. H. 18	114+25	24.0' RT	6.3		16	CROSS ROAD (W2-1)
T. R. 14	42+24	20.0' LT	6.3		14	STOP SIGN (R1-1)
T. R. 14A	50+73	20.0' RT	6.3		14	STOP SIGN (R1-1)
FRONTAGE	10+25	20.0' RT	6.3		14	STOP SIGN (R1-1)
FRONTAGE	10+60	15.0' RT	6.3		15	NO OUTLET (W14-2)
TOTALS			113.6	12.6	294.0	

\*SIGN PANEL TYPE 1 (SPECIAL) ARE TO BE SIGN TYPE W2-1 WITH THE SYMBOL FOR THE INTERSECTION TO INDICATE AN OFFSET WITH THE LEFT ROAD SHIFTED DOWN AND THE RIGHT ROAD SHIFTED UP.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULES

SCALE: VERT. DATE 02/28/2008  
DRAWN BY RLH  
CHECKED BY MED

TUG PROJ. #13191022-5  
...WHITETOPPING\_SCHEDULES.GPJ

# SCHEDULES

## 46 + 00 to STA. 120 + 00

\* STA. 20 + 90 - STA. 46 + 35

SEE PAGE 15 OF 91

COLES COUNTY

SEC: 00-00127-00-WR  
CONTRACT # 95457

C.H. 18 / FAS 642

TOTAL SHEETS 91 SHEET # 16

### REMOVE EXISTING CULVERTS SCHEDULE STATION 46 + 00 to 120 + 00

#### CH 18

STATION	LOCATION	EACH
49+44	AR.	1
49+78	LT.	1
69+91	RT.	1
71+00	RT.	1
73+98	RT.	1
82+54	LT.	1
89+96	RT.	1
91+57	RT.	1
93+79	AR.	1
97+61	RT.	1
108+76	LT.	1
113+15	RT.	1
118+40	LT.	1
119+74	LT.	1

#### TR 14A

STATION	LOCATION	EACH
50+76	AR.	1

TOTAL = 15 EACH

#### DRAINAGE RELATED ITEMS

**STONE RIPRAP, CLASS A4**  
36.0' LT. 93 + 72.5 ~ 36.0' LT. 93 + 86.5'  
TOTAL 8.3 SQ YD

**FILTER FABRIC**  
36.0' LT. 93 + 72.5 ~ 36.0' LT. 93 + 86.5'  
TOTAL 8.3 SQ YD

**STORM SEWER CLASS B, TYPE 2 15"**  
37' LT. 73 + 23 ~ 59' RT. 73 + 87  
TOTAL 130 FEET

**INSPECTION WELLS**  
73 + 28 RT. 1 EACH  
73 + 28 LT. 1 EACH  
93 + 90 RT. 1 EACH  
93 + 90 LT. 1 EACH  
TOTAL 4 EACH

**FLUSH INLET BOX**  
34' LT. 93 + 79  
TOTAL 1 EACH

#### REMOVAL ITEMS

46 + 00 A.H. TO 120 + 00

**HOT MIX ASPHALT SURFACE REMOVAL**  
VARIABLE DEPTH  
117 + 80 TO 120 + 00 1801 SQ YD

**REMOVAL OF EXISTING STRUCTURES**  
73 + 48.91 A.R. BOX CULVERT 1.5' X 6' 1 EACH

**CONCRETE RETAINING WALL REMOVAL**  
28.5' LT. 93 + 67 ~ 29.5' LT. 93 + 97 30 FEET

**REMOVING INLETS TO MAINTAIN FLOW**  
27.0' RT. 93 + 78.5 1 EACH

#### PIPE CULVERTS, STA. 46+00 to STA. 120+00

STATION	MATERIAL	Dia.	FEET	LOCATION	TYPE	L.L. ELEV.	R.L. ELEV.	END SECTIONS	GRATING FOR CONCRETE FLARED END SECTIONS	CONTROLLED LOW STRENGTH MATERIAL
49+44	RC-E EQRS	36"	45'	22.25' LT. ~ 22.75' RT.	1	INV= 656.7	INV= 656.8	2 X PRCF EL EQRS 36"	2 EACH EQRS 36"	14.1 CU YD
49+78	CS/A CP	15"	30'	29.0' Lt.	1	INV= 657.2	INV= 657.2			
69+89	CS/A CP	15"	30'	28.0' Rt.	1		INV= 659.8			
71+00	CS/A CP	18"	30'	28.0' Rt.	1		INV= 658.1			
73+42.25	RC-E EQRS	36"	45'	22.5' Lt. ~ 22.5' Rt. Along Skew	1	INV= 657.1	INV= 657.1	2 X PRCF EL EQRS 36"	2 EACH EQRS 36"	10.2 CU YD
73+49.5	RC-E EQRS	36"	45'	22.5' Lt. ~ 22.5' Rt. Along Skew	1	INV= 657.1	INV= 657.1	2 X PRCF EL EQRS 36"	2 EACH EQRS 36"	10.2 CU YD
73+56.75	RC-E EQRS	36"	45'	22.5' Lt. ~ 22.5' Rt. Along Skew	1	INV= 657.1	INV= 657.1	2 X PRCF EL EQRS 36"	2 EACH EQRS 36"	10.2 CU YD
74+00	CS/A CP	15"	30'	29.5' Rt.	1		INV= 657.6			
82+54	CS/A CP	15"	30'	28.0' Lt.	1	INV= 661.4				
89+95	CS/A CP	15"	30'	28.5' Rt.	1		INV= 662.6			
91+57	CS/A CP	15"	30'	29.0' Rt.	1		INV= 662.1			
93+79	RC-E EQRS	42"	45'	23.5' Lt. ~ 21.5' Rt.	1	INV= 660.4	INV= 661.2	2 X PRCF EL EQRS 42"	2 EACH EQRS 42"	16.4 CU YD
97+61	CS/A CP	18"	30'	28.0' Rt.	1		INV= 663.4			
108+48	CS/A CP	15"	30'	28.0' Lt.	1	INV= 667.3				
109+08	CS/A CP	15"	30'	28.0' Lt.	1	INV= 667.7				
113+15	CS/A CP	15"	30'	28.0' Rt.	1		INV= 672.5			
118+40	CS/A CP	15"	30'	28.0' Lt.	1	INV= 676.0				
119+67	CS/A CP SPECIAL	15"	50'	28.0' Lt.	1	INV= 676.7				

STATION	MATERIAL	Dia.	FEET	LOCATION	TYPE	L.L. ELEV.	R.L. ELEV.	END SECTIONS	GRATING FOR CONCRETE FLARED END SECTIONS	CONTROLLED LOW STRENGTH MATERIAL
TR 14 42+28	CS/A CP	15"	30'	14.75' LT. - 15.25' RT.	1	INV= 660.2	INV= 660.0	2 X METAL END SEC 15"		6.1 CU YD
TR 14 42+88	CS/A CP	12"	30'	13.5' RT.	1		INV= 660.5			
TR 14A 50+72	CS/A CP	18"	36'	17.5' Lt. ~ 18.5' Rt.	1	INV= 659.3	INV= 658.7	2 X METAL END SEC 18"		7.0 CU YD

#### PAVING SCHEDULE 46 + 00 A.H. TO 120 + 00

**PORTLAND CEMENT CONCRETE OVERLAY 5 1/2"**  
46 + 00 A.H. TO 120 + 00 15,623 SQ YD

**AGGREGATE SHOULDERS, TYPE B**  
46 + 00 A.H. TO 120 + 00 1128 TON

**PORTLAND CEMENT CONCRETE PAVEMENT 9" (WIDENING)**  
46 + 00 A.H. TO 120 + 00 9.5' LT. ~ 13.0' LT. 2877.8 SQ YD  
46 + 00 A.H. TO 120 + 00 9.5' RT. ~ 13.0' RT. 2877.8 SQ YD  
TOTAL 5756 SQ YD



## WHITETOPPING PLAN THICKNESS TABLE (PORTLAND CEMENT CONCRETE PAVEMENT 5 1/2" )

Station	Depth 9.5' Lt.	Depth 4.75' Lt.	Depth Ctr. Line	Depth 4.75' Rt.	Depth 9.5' Rt.
---------	-------------------	--------------------	--------------------	--------------------	-------------------

46+00	0.50	0.47	0.52	0.50	0.54
46+50	0.57	0.47	0.52	0.47	0.54
47+00	0.64	0.55	0.52	0.51	0.59
47+50	0.58	0.51	0.52	0.49	0.55
48+00	0.53	0.52	0.52	0.55	0.66
48+50	0.71	0.61	0.52	0.47	0.57
49+00	0.71	0.58	0.52	0.49	0.62
49+50	0.80	0.63	0.52	0.52	0.66
50+00	0.54	0.50	0.52	0.47	0.53
50+50	0.65	0.57	0.52	0.48	0.52
51+00	0.57	0.55	0.52	0.47	0.50
51+50	0.51	0.50	0.52	0.46	0.48
52+00	0.59	0.53	0.52	0.46	0.46
52+50	0.54	0.52	0.52	0.47	0.50
53+00	0.54	0.52	0.52	0.46	0.55
53+50	0.55	0.51	0.52	0.46	0.54
54+00	0.52	0.49	0.52	0.46	0.59
54+50	0.63	0.54	0.52	0.46	0.57
55+00	0.63	0.57	0.52	0.46	0.47
55+50	0.50	0.48	0.52	0.46	0.48
56+00	0.56	0.50	0.52	0.48	0.52
56+50	0.55	0.53	0.52	0.48	0.58
57+00	0.53	0.46	0.52	0.46	0.55
57+50	0.53	0.50	0.52	0.46	0.47
58+00	0.51	0.50	0.52	0.46	0.54
58+50	0.46	0.46	0.52	0.50	0.59
59+00	0.50	0.48	0.52	0.50	0.61
59+50	0.55	0.53	0.52	0.52	0.65
60+00	0.54	0.50	0.52	0.52	0.72
60+50	0.60	0.54	0.52	0.47	0.61
61+00	0.62	0.53	0.52	0.47	0.53
61+50	0.58	0.55	0.52	0.46	0.50
62+00	0.56	0.52	0.52	0.49	0.56
62+50	0.54	0.54	0.52	0.49	0.51
63+00	0.55	0.50	0.52	0.47	0.52
63+50	0.70	0.54	0.52	0.49	0.56
64+00	0.58	0.54	0.52	0.46	0.57
64+50	0.58	0.54	0.52	0.46	0.55
65+00	0.58	0.54	0.52	0.49	0.64
65+50	0.60	0.51	0.52	0.49	0.65
66+00	0.55	0.50	0.52	0.48	0.62
66+50	0.50	0.47	0.52	0.51	0.67
67+00	0.59	0.52	0.52	0.51	0.67
67+50	0.55	0.54	0.52	0.49	0.63
68+00	0.53	0.54	0.52	0.50	0.62
68+50	0.72	0.59	0.52	0.49	0.60
69+00	0.68	0.51	0.52	0.55	0.73
69+50	0.46	0.46	0.52	0.59	0.76
70+00	0.48	0.48	0.52	0.48	0.57
70+50	0.56	0.51	0.52	0.49	0.57
71+00	0.54	0.48	0.52	0.53	0.62
71+50	0.53	0.47	0.52	0.50	0.57
72+00	0.57	0.48	0.52	0.47	0.53
72+50	0.67	0.55	0.52	0.46	0.51
73+00	0.57	0.54	0.52	0.47	0.50
73+48.91	0.57	0.51	0.52	0.47	0.56
74+00	0.73	0.56	0.52	0.53	0.63
74+50	0.77	0.60	0.52	0.51	0.57
75+00	0.70	0.57	0.52	0.47	0.54

Station	Depth 9.5' Lt.	Depth 4.75' Lt.	Depth Ctr. Line	Depth 4.75' Rt.	Depth 9.5' Rt.
---------	-------------------	--------------------	--------------------	--------------------	-------------------

75+50	0.72	0.57	0.52	0.46	0.53
76+00	0.70	0.54	0.52	0.46	0.55
76+50	0.67	0.52	0.52	0.46	0.54
77+00	0.64	0.50	0.52	0.46	0.48
77+50	0.62	0.53	0.52	0.46	0.54
78+00	0.56	0.48	0.52	0.46	0.51
78+50	0.68	0.53	0.52	0.47	0.59
79+00	0.80	0.56	0.52	0.50	0.60
79+50	0.71	0.56	0.52	0.50	0.67
80+00	0.68	0.57	0.52	0.53	0.71
80+50	0.57	0.55	0.52	0.47	0.62
81+00	0.55	0.46	0.52	0.50	0.67
81+50	0.55	0.49	0.52	0.50	0.64
82+00	0.55	0.46	0.52	0.53	0.72
82+50	0.51	0.49	0.52	0.51	0.68
83+00	0.70	0.56	0.52	0.46	0.60
83+50	0.61	0.50	0.52	0.46	0.61
84+00	0.49	0.48	0.52	0.46	0.53
84+50	0.60	0.57	0.52	0.46	0.55
85+00	0.60	0.49	0.52	0.46	0.51
85+50	0.57	0.50	0.52	0.48	0.61
86+00	0.61	0.54	0.52	0.46	0.53
86+50	0.57	0.50	0.52	0.46	0.57
87+00	0.65	0.52	0.52	0.46	0.56
87+50	0.64	0.53	0.52	0.46	0.59
88+00	0.60	0.49	0.52	0.46	0.51
88+50	0.68	0.51	0.52	0.46	0.59
89+00	0.74	0.56	0.52	0.46	0.50
89+50	0.59	0.51	0.52	0.46	0.46
90+00	0.64	0.53	0.52	0.46	0.49
90+50	0.65	0.52	0.52	0.46	0.46
91+00	0.61	0.50	0.52	0.49	0.56
91+50	0.68	0.54	0.52	0.48	0.46
92+00	0.65	0.58	0.52	0.50	0.53
92+50	0.62	0.55	0.52	0.53	0.66
93+00	0.69	0.57	0.52	0.46	0.68
93+50	0.90	0.60	0.52	0.49	0.62
94+00	0.78	0.57	0.52	0.51	0.75
94+50	0.59	0.58	0.52	0.59	0.79
95+00	0.46	0.51	0.52	0.60	0.85
95+50	0.46	0.48	0.52	0.54	0.90
96+00	0.46	0.49	0.52	0.54	0.85
96+50	0.46	0.46	0.52	0.55	0.87
97+00	0.54	0.52	0.52	0.51	0.71
97+50	0.65	0.58	0.52	0.47	0.58
98+00	0.60	0.56	0.52	0.47	0.68
98+50	0.55	0.53	0.52	0.56	0.69
99+00	0.59	0.52	0.52	0.49	0.54
99+50	0.67	0.56	0.52	0.49	0.56
100+00	0.68	0.54	0.52	0.47	0.66
100+50	0.68	0.55	0.52	0.48	0.54
101+00	0.61	0.50	0.52	0.46	0.52
101+50	0.70	0.53	0.52	0.47	0.50
102+00	0.76	0.64	0.52	0.46	0.48
102+50	0.65	0.56	0.52	0.46	0.47
103+00	0.64	0.55	0.52	0.47	0.52
103+50	0.68	0.53	0.52	0.48	0.48
104+00	0.68	0.57	0.52	0.47	0.51
104+50	0.76	0.63	0.52	0.46	0.46
105+00	0.74	0.63	0.52	0.46	0.46

Station	Depth 9.5' Lt.	Depth 4.75' Lt.	Depth Ctr. Line	Depth 4.75' Rt.	Depth 9.5' Rt.
---------	-------------------	--------------------	--------------------	--------------------	-------------------

105+50	0.65	0.57	0.52	0.46	0.46
106+00	0.60	0.56	0.52	0.46	0.46
106+50	0.65	0.58	0.52	0.46	0.46
107+00	0.71	0.60	0.52	0.46	0.46
107+50	0.65	0.56	0.52	0.46	0.46
108+00	0.70	0.57	0.52	0.46	0.47
108+50	0.60	0.52	0.52	0.50	0.53
109+00	0.58	0.54	0.52	0.51	0.67
109+50	0.70	0.50	0.52	0.50	0.61
110+00	0.63	0.56	0.52	0.48	0.63
110+50	0.64	0.53	0.52	0.53	0.67
111+00	0.55	0.51	0.52	0.46	0.59
111+50	0.64	0.54	0.52	0.51	0.72
112+00	0.58	0.55	0.52	0.49	0.62
112+50	0.52	0.49	0.52	0.51	0.62
113+00	0.58	0.52	0.52	0.50	0.58
113+50	0.59	0.51	0.52	0.52	0.65
114+00	0.54	0.50	0.52	0.54	0.71
114+50	0.69	0.57	0.52	0.46	0.55
115+00	0.62	0.58	0.52	0.51	0.68
115+50	0.66	0.56	0.52	0.48	0.58
116+00	0.57	0.52	0.52	0.47	0.56
116+50	0.59	0.51	0.52	0.51	0.61
117+00	0.63	0.52	0.52	0.55	0.59
117+50	0.64	0.54	0.52	0.53	0.71
118+00	0.68	0.55	0.52	0.53	0.69
118+50	0.65	0.54	0.52	0.55	0.64
119+00	0.69	0.54	0.52	0.58	0.73
119+50	0.66	0.53	0.52	0.54	0.71
120+00	0.69	0.54	0.52	0.56	0.77

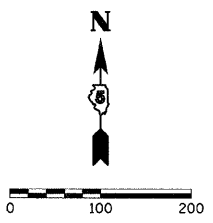
### PROPOSED NOTES:

THIS TABLE WAS DEVELOPED FROM FIELD SURVEY DATA. TO MAINTAIN THE REQUIRED 5 1/2" MINIMUM CONCRETE THICKNESS AT THE NECESSARY 3/16" / FOOT CROSS SLOPE. THE CENTER LINE THICKNESS SHALL BE 0.52' FOR ALL PORTLAND CEMENT CONCRETE PAVEMENT 5 1/2" TO THE DEPTH, GRADE, AND PROFILE AS SHOWN AND REQUIRED IN THE PLANS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR CONCRETE OVERRUN VOLUMES.

### REQUIRED VOLUMES

STA. 46+00 ~ STA. 55+00	364.8 CU. YD.
STA. 55+00 ~ STA. 65+00	363.3 CU. YD.
STA. 65+00 ~ STA. 75+00	375.5 CU. YD.
STA. 75+00 ~ STA. 85+00	373.1 CU. YD.
STA. 85+00 ~ STA. 95+00	376.6 CU. YD.
STA. 95+00 ~ STA. 105+00	380.2 CU. YD.
STA. 105+00 ~ STA. 115+00	379.9 CU. YD.
STA. 115+00 ~ STA. 120+00	196.8 CU. YD.

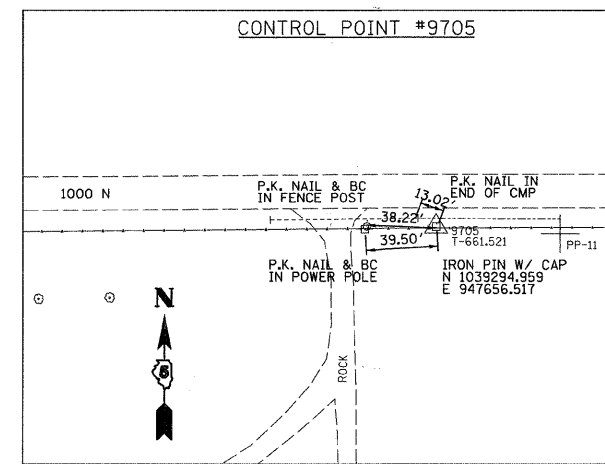
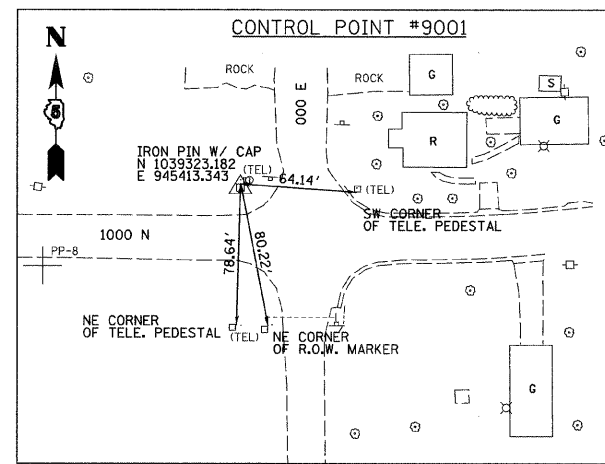
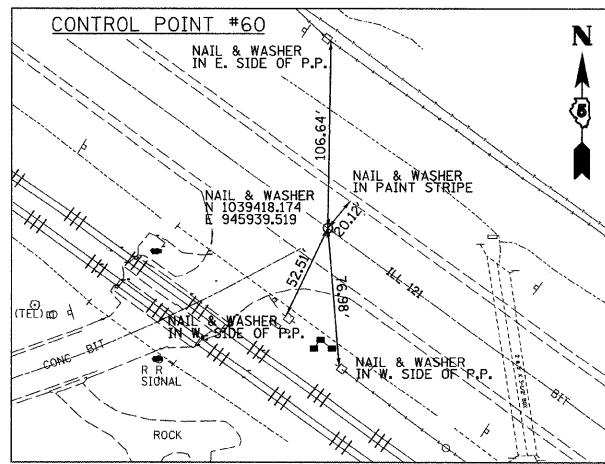
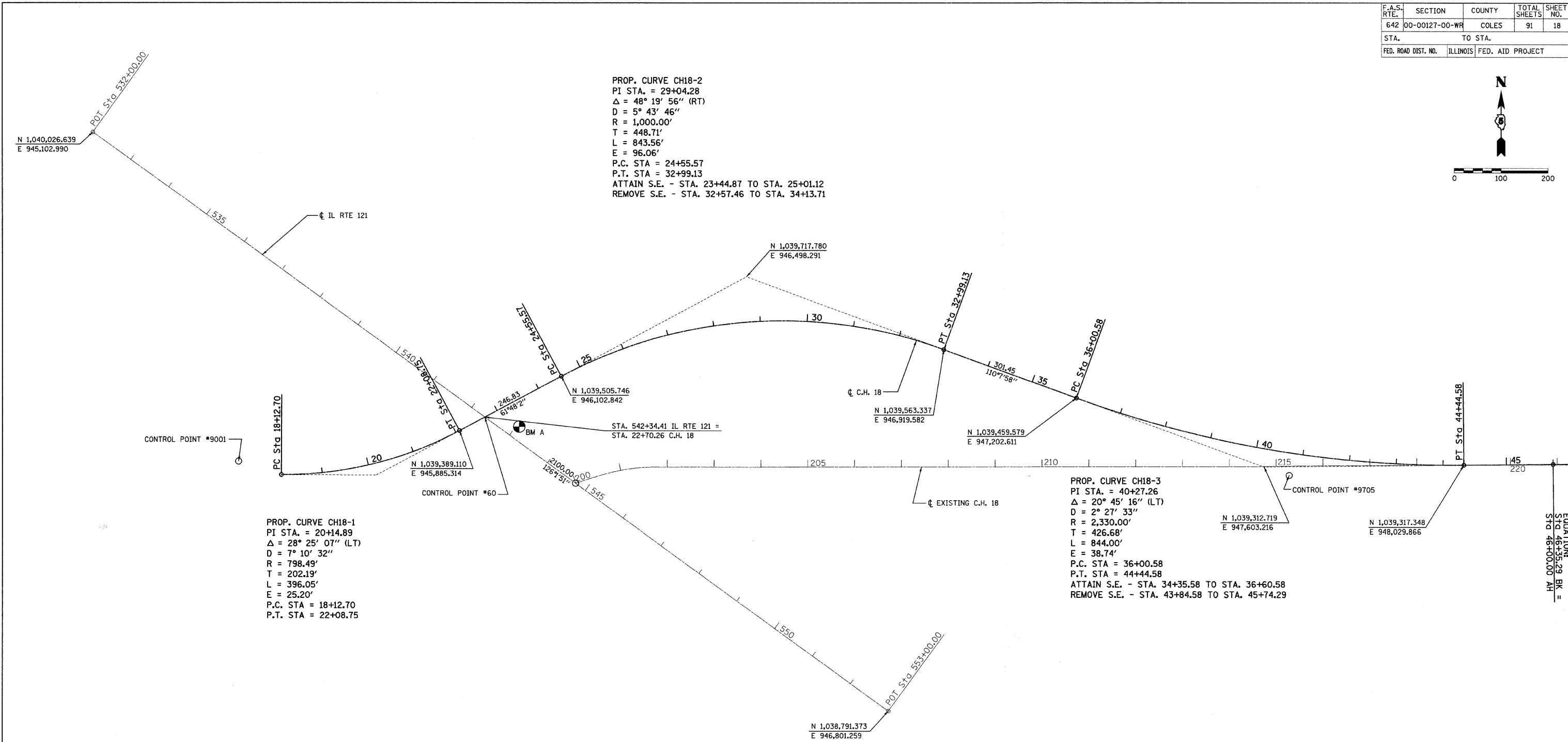
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PROP. CURVE CH18-2  
 PI STA. = 29+04.28  
 $\Delta = 48^\circ 19' 56''$  (RT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 448.71'$   
 $L = 843.56'$   
 $E = 96.06'$   
 P.C. STA = 24+55.57  
 P.T. STA = 32+99.13  
 ATTAIN S.E. - STA. 23+44.87 TO STA. 25+01.12  
 REMOVE S.E. - STA. 32+57.46 TO STA. 34+13.71

PROP. CURVE CH18-1  
 PI STA. = 20+14.89  
 $\Delta = 28^\circ 25' 07''$  (LT)  
 $D = 7^\circ 10' 32''$   
 $R = 798.49'$   
 $T = 202.19'$   
 $L = 396.05'$   
 $E = 25.20'$   
 P.C. STA = 18+12.70  
 P.T. STA = 22+08.75

PROP. CURVE CH18-3  
 PI STA. = 40+27.26  
 $\Delta = 20^\circ 45' 16''$  (LT)  
 $D = 2^\circ 27' 33''$   
 $R = 2,330.00'$   
 $T = 426.68'$   
 $L = 844.00'$   
 $E = 38.74'$   
 P.C. STA = 36+00.58  
 P.T. STA = 44+44.58  
 ATTAIN S.E. - STA. 34+35.58 TO STA. 36+60.58  
 REMOVE S.E. - STA. 43+84.58 TO STA. 45+74.29

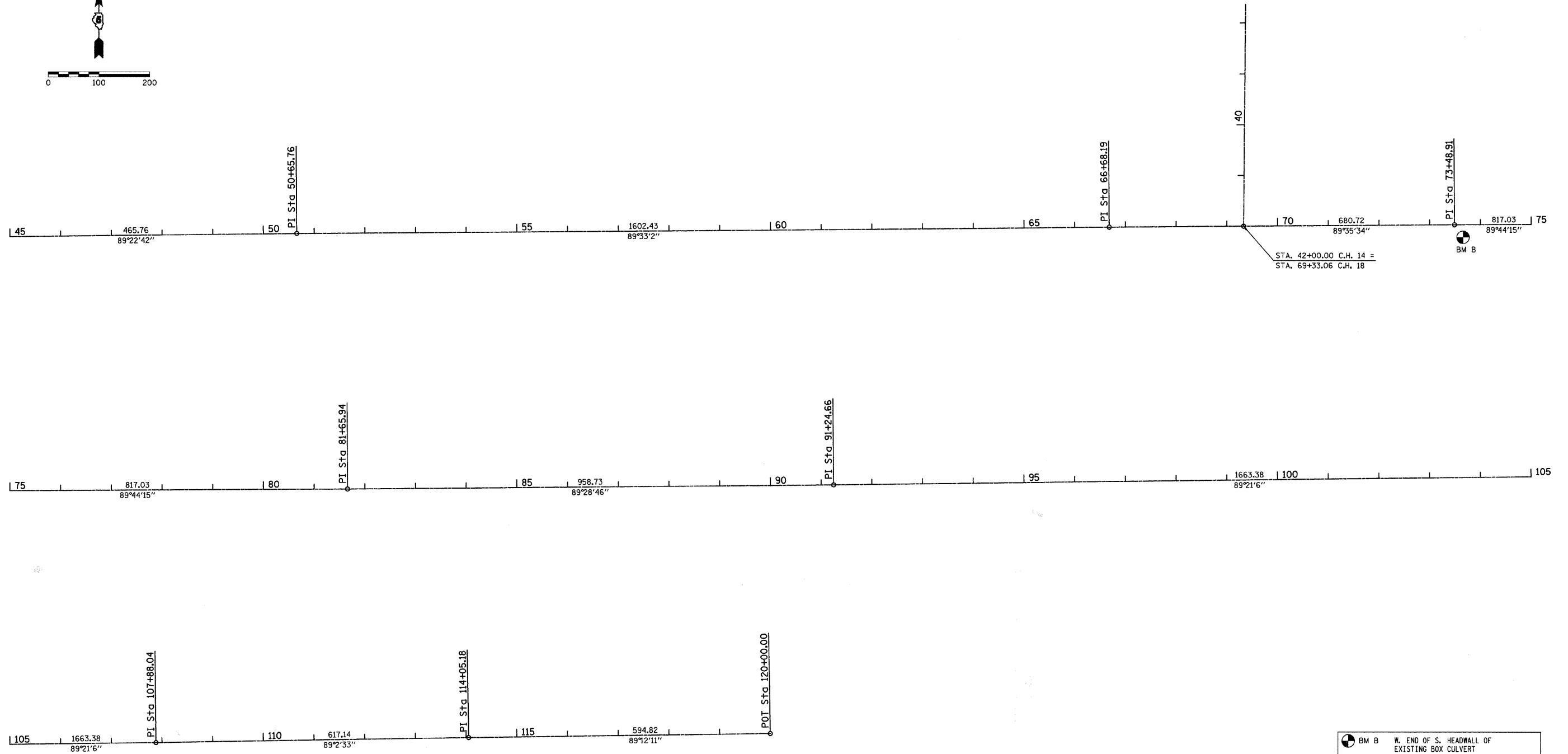
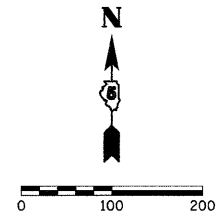


BM A CHISELED SQUARE ON EAST WINGWALL OF BOX CULVERT ON NORTH SIDE OF RT 121 BRUCE FINDLAY ROAD ELEV: 657.63

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CENTERLINE GEOMETRICS**  
 SCALE: VERT. 1" = 100'  
 HORIZ. 1" = 100'  
 DATE 02/28/2008  
 DRAWN BY SAE  
 CHECKED BY MED

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



BM B W. END OF S. HEADWALL OF EXISTING BOX CULVERT  
 STA. 73+51.67 RT  
 ELEV. = 660.11

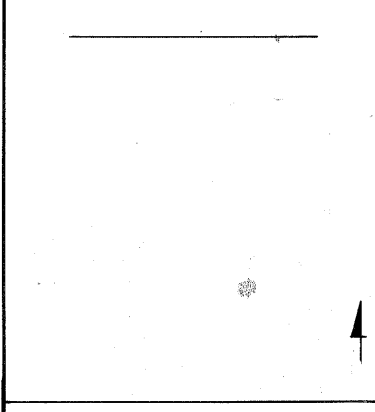
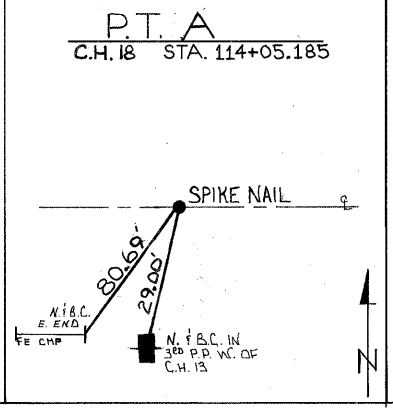
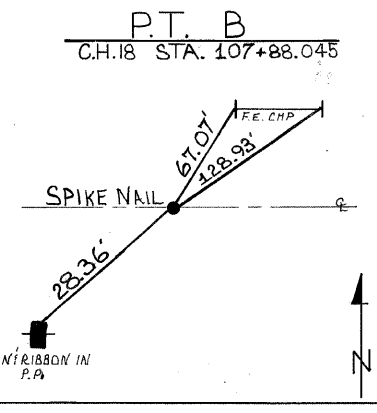
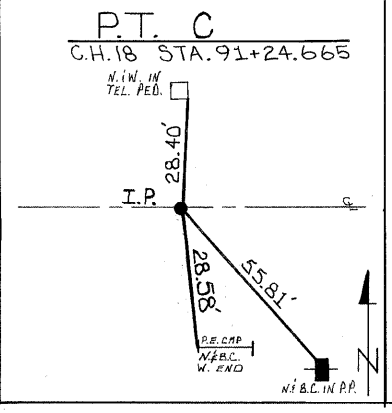
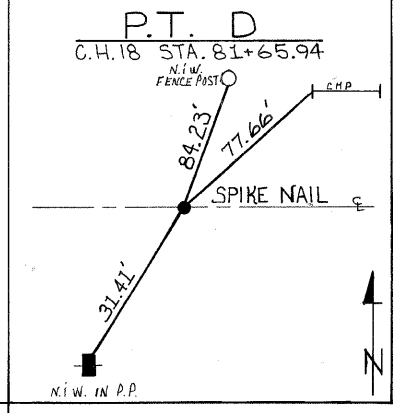
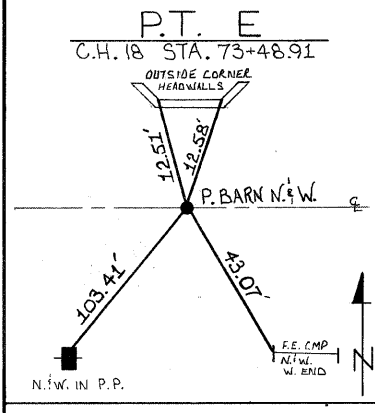
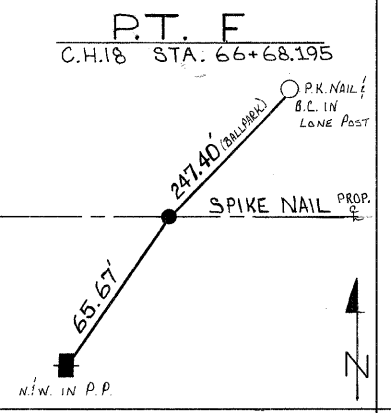
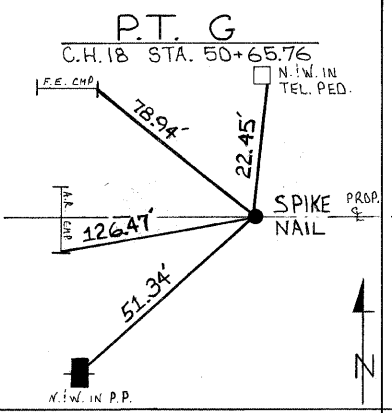
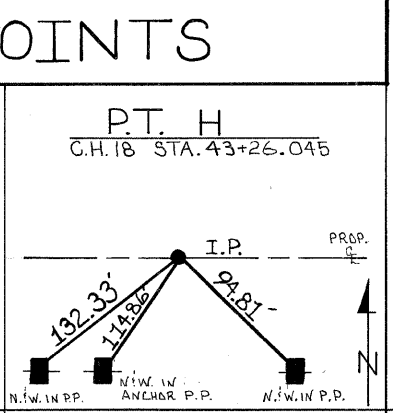
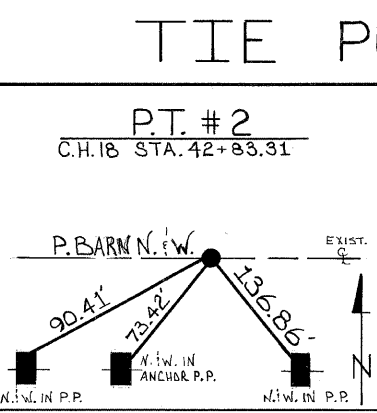
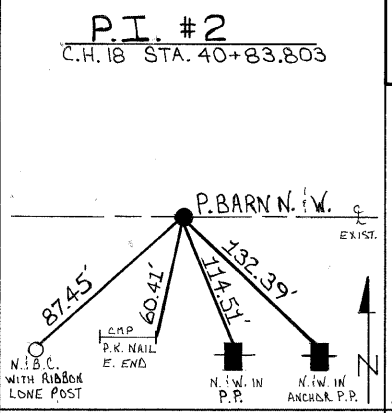
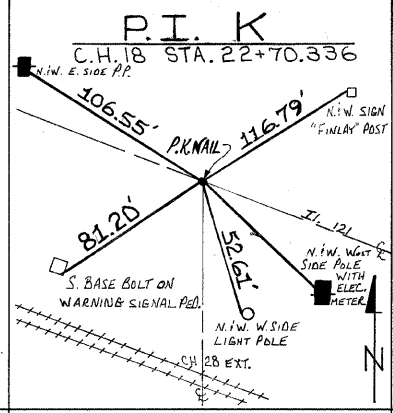
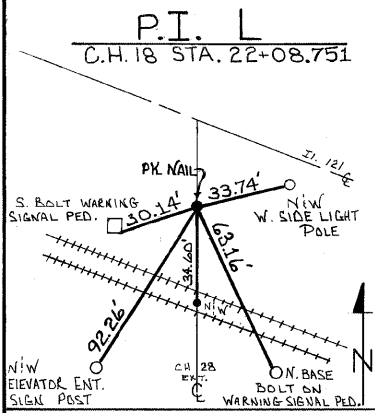
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**CENTERLINE GEOMETRICS**

SCALE: VERT. 1" = 100'  
 HORIZ. 1" = 100'  
 DATE 02/28/2008  
 DRAWN BY SJF  
 CHECKED BY MED

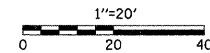
TUG PROJ. #3103027  
 ...\\whitepopping\geom\TRC-V7.dgn

TIE POINTS



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	21
STA. 20+90.00 TO STA. 26+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

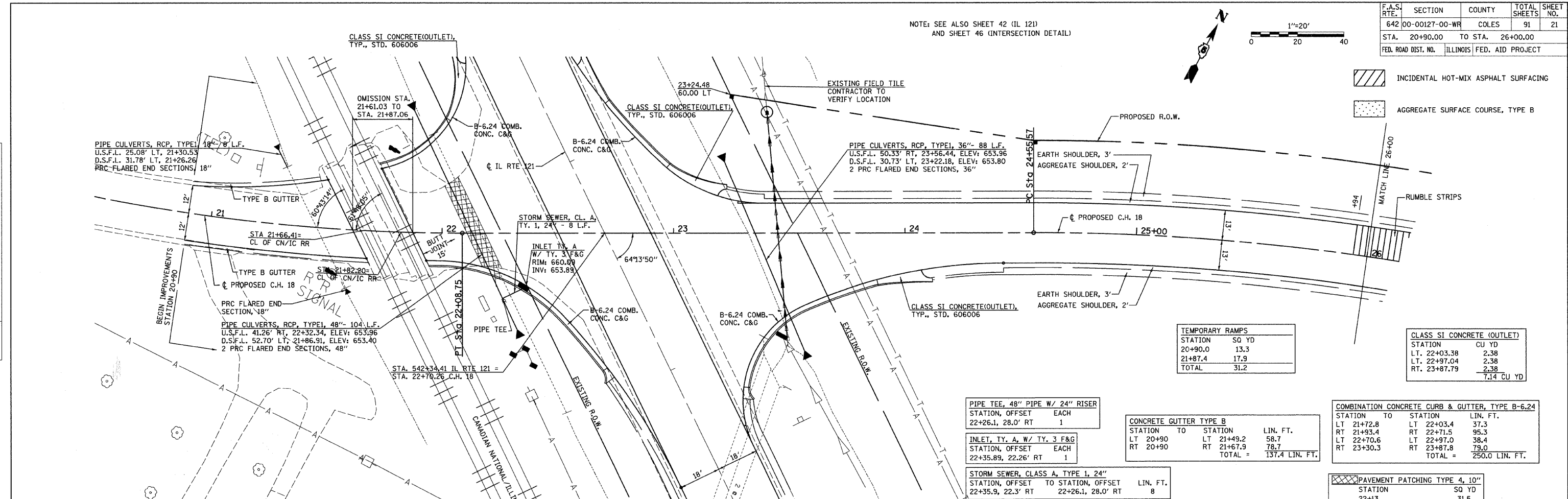
NOTE: SEE ALSO SHEET 42 (IL 121) AND SHEET 46 (INTERSECTION DETAIL)



- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	BY	
	NO.	



STATION	SQ YD
20+90.0	13.3
21+87.4	17.9
<b>TOTAL</b>	<b>31.2</b>

STATION	CU YD
LT. 22+03.38	2.38
LT. 22+97.04	2.38
RT. 23+87.79	2.38
<b>TOTAL</b>	<b>7.14</b>

PIPE TEE, 48" PIPE W/ 24" RISER	STATION, OFFSET	EACH
	22+26.1, 28.0' RT	1

INLET, TY. A, W/ TY. 3 F&G	STATION, OFFSET	EACH
	22+35.89, 22.26' RT	1

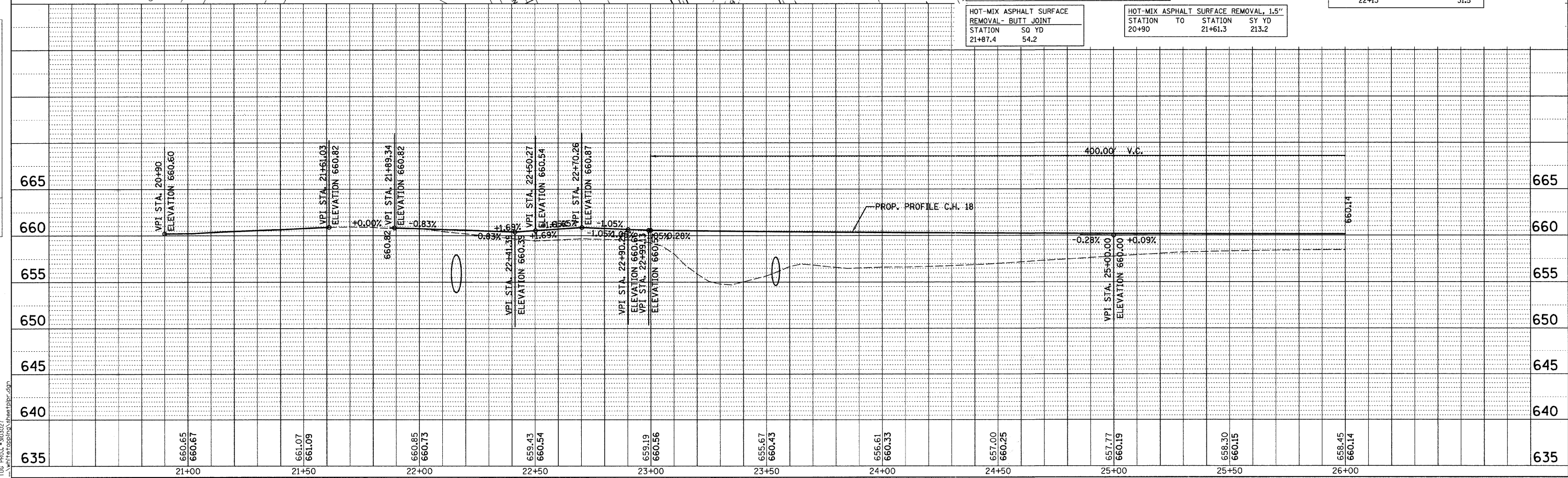
STORM SEWER, CLASS A, TYPE 1, 24"	STATION, OFFSET	TO STATION, OFFSET	LIN. FT.
	22+35.9, 22.3' RT	22+26.1, 28.0' RT	8

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	STATION	SQ YD
	21+87.4	54.2

CONCRETE GUTTER TYPE B	STATION	TO STATION	LIN. FT.
	LT 20+90	LT 21+49.2	58.7
	RT 20+90	RT 21+67.9	78.7
<b>TOTAL</b>			<b>137.4</b>

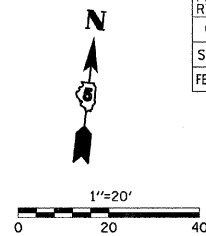
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	STATION	TO STATION	LIN. FT.
	LT 21+72.8	LT 22+03.4	37.3
	RT 21+93.4	RT 22+71.5	95.3
	LT 22+70.6	LT 22+97.0	38.4
	RT 23+30.3	RT 23+87.8	79.0
<b>TOTAL</b>			<b>250.0</b>

PAVEMENT PATCHING TYPE 4, 10"	STATION	SQ YD
	22+13	31.5

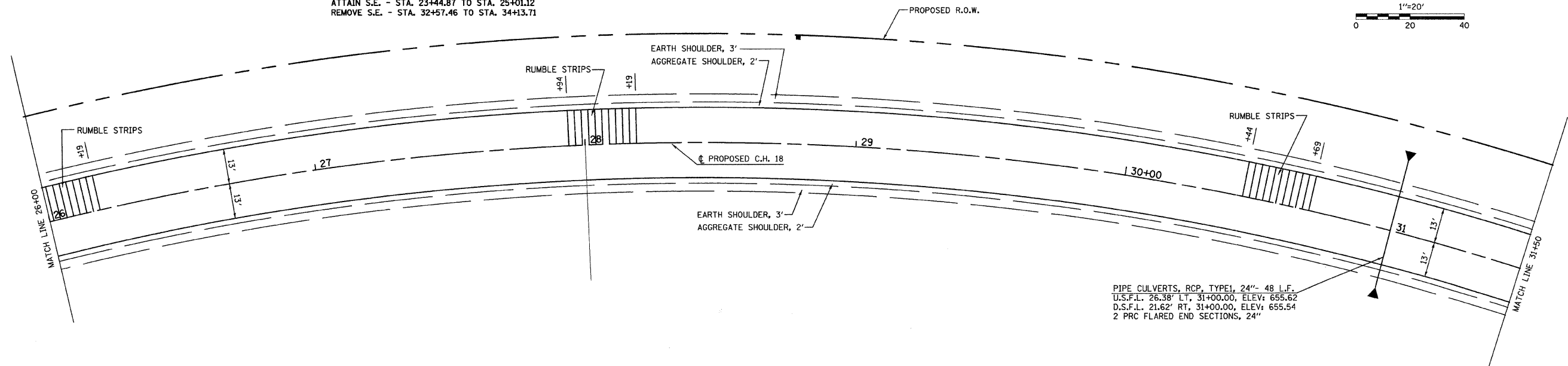


FILE: PROJ\_#100907 \\white\proj\3\sheet\p18c.dwg

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	22
STA. 26+00.00 TO STA. 31+50.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PROP. CURVE CH18-2  
 PI STA. = 29+04.28  
 $\Delta = 48^\circ 19' 56''$  (RT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 448.71'$   
 $L = 843.56'$   
 $E = 96.06'$   
 P.C. STA = 24+55.57  
 P.T. STA = 32+99.13  
 ATTAIN S.E. - STA. 23+44.87 TO STA. 25+01.12  
 REMOVE S.E. - STA. 32+57.46 TO STA. 34+13.71



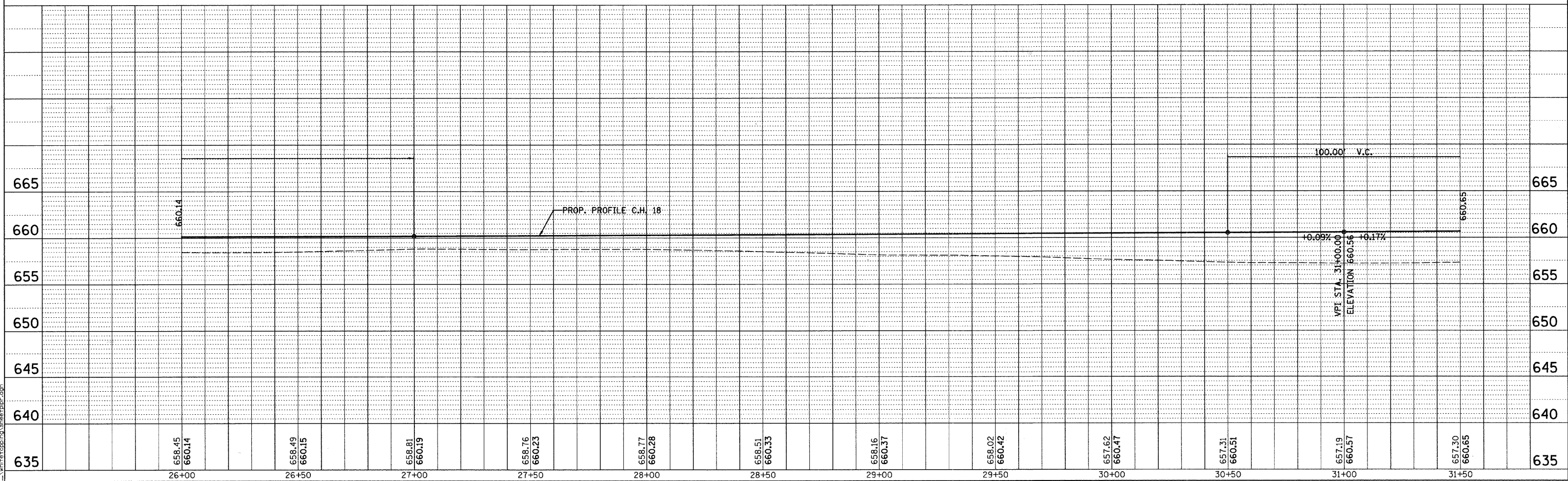
PIPE CULVERTS, RCP, TYPE1, 24" - 48 L.F.  
 U.S.F.L. 26.38' LT, 31+00.00, ELEV: 655.62  
 D.S.F.L. 21.62' RT, 31+00.00, ELEV: 655.54  
 2 PRC FLARED END SECTIONS, 24"

- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B

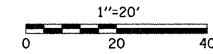
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF	
	FILE	
	NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF	
	FILE	
	NAME	

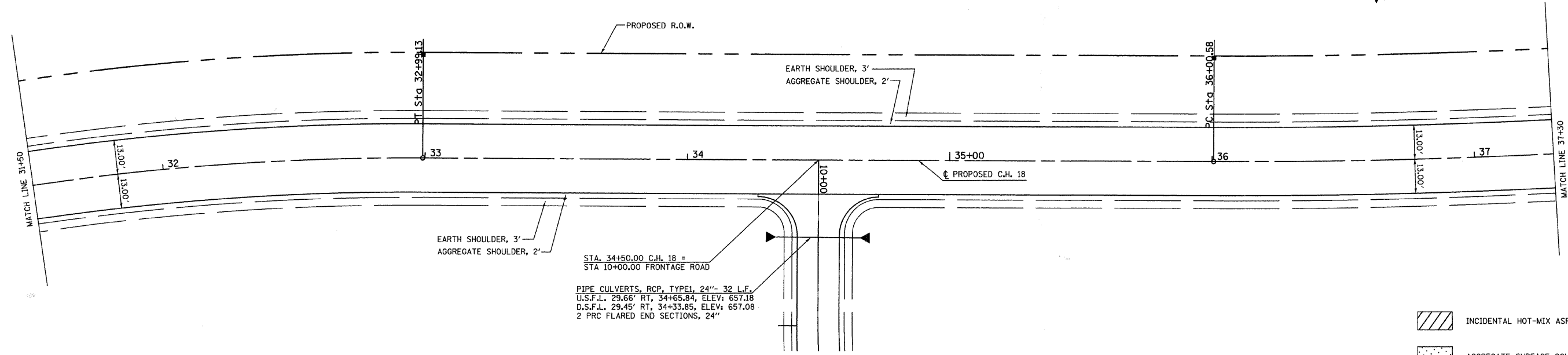
T:\PROJECTS\1101027  
 11-WhiteTop\1101027\SheetB18.dwg



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	23
STA. 31+50.00		TO STA. 37+30.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

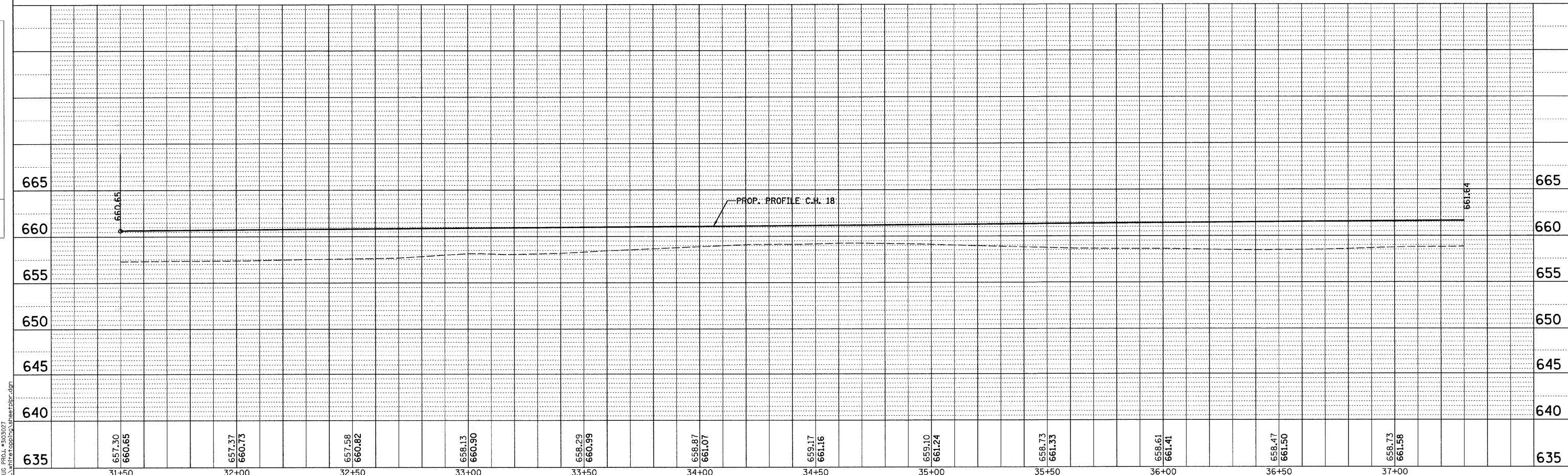


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	RT. OF WAY CHECKED		
	NO. CAD FILE NAME		



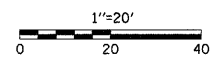
- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	STRUCTURE NOTATION OK'D		



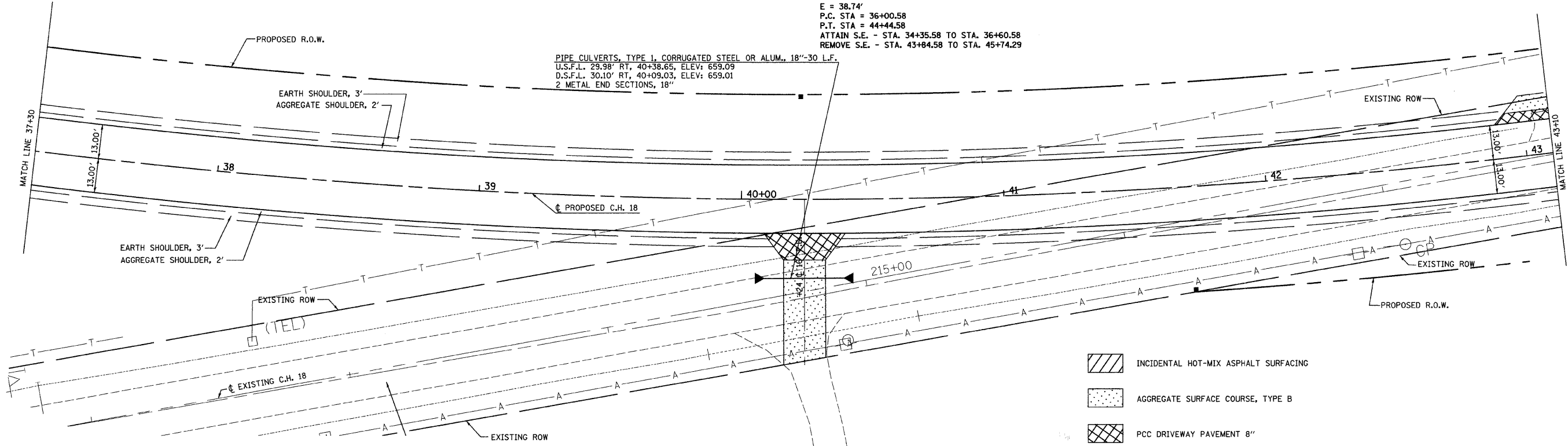
T:\PROJECTS\95457\95457.dgn  
 11/15/2005 10:30:00 AM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	24
STA. 37+30.00 TO STA. 43+10				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PROP. CURVE CH18-3  
 PI STA. = 40+27.26  
 $\Delta = 20^\circ 45' 16''$  (LT)  
 $D = 2^\circ 27' 33''$   
 $R = 2,330.00'$   
 $T = 426.68'$   
 $L = 844.00'$   
 $E = 38.74'$   
 P.C. STA = 36+00.58  
 P.T. STA = 44+44.58  
 ATTAIN S.E. - STA. 34+35.58 TO STA. 36+60.58  
 REMOVE S.E. - STA. 43+84.58 TO STA. 45+74.29

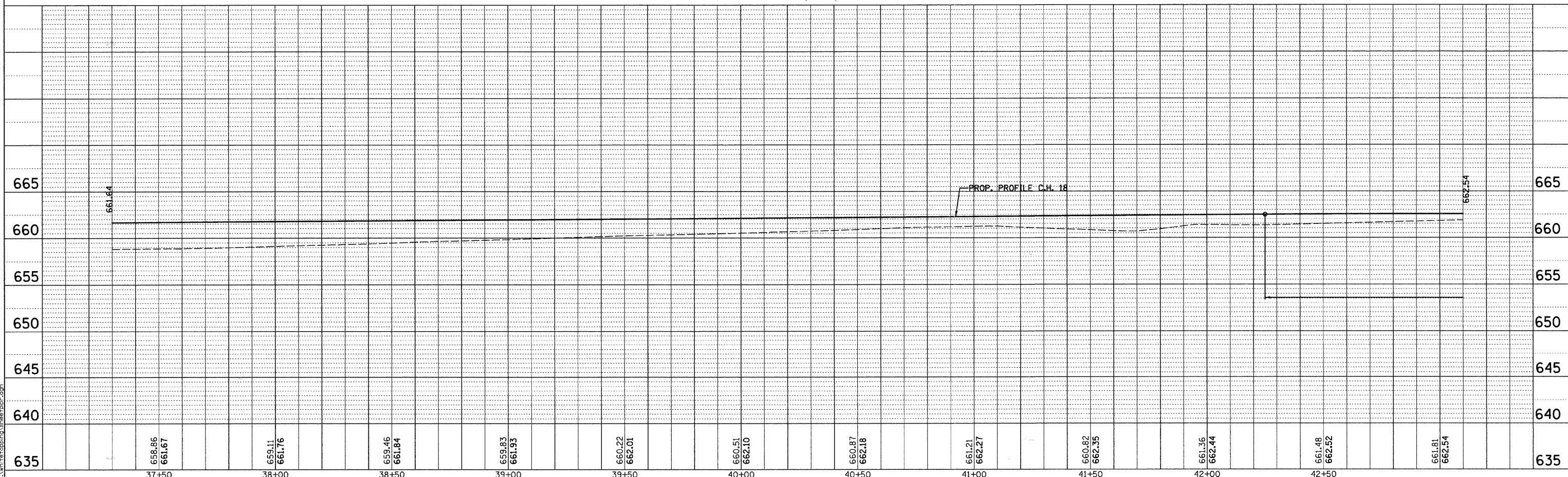
PIPE CULVERTS, TYPE I, CORRUGATED STEEL OR ALUM., 18"-30" L.F.  
 U.S.F.L. 29.98' RT, 40+38.65, ELEV: 659.09  
 D.S.F.L. 30.10' RT, 40+09.03, ELEV: 659.01  
 2 METAL END SECTIONS, 18"



- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B
- PCC DRIVEWAY PAVEMENT 8"

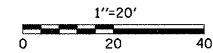
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

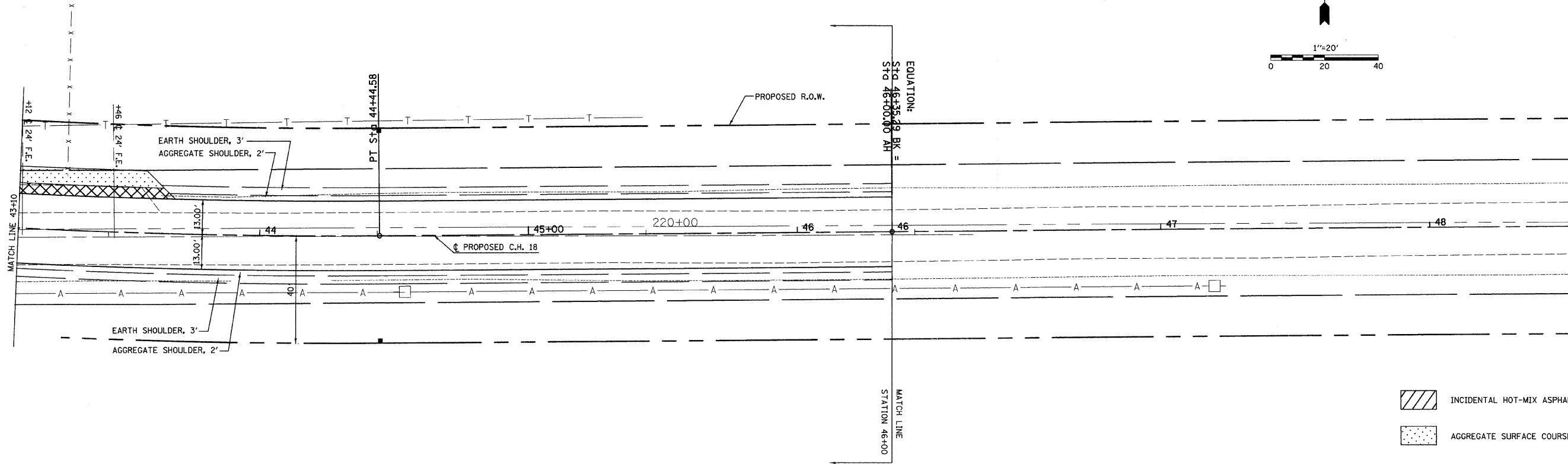




F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	25
STA.	43+10	TO STA.	45+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

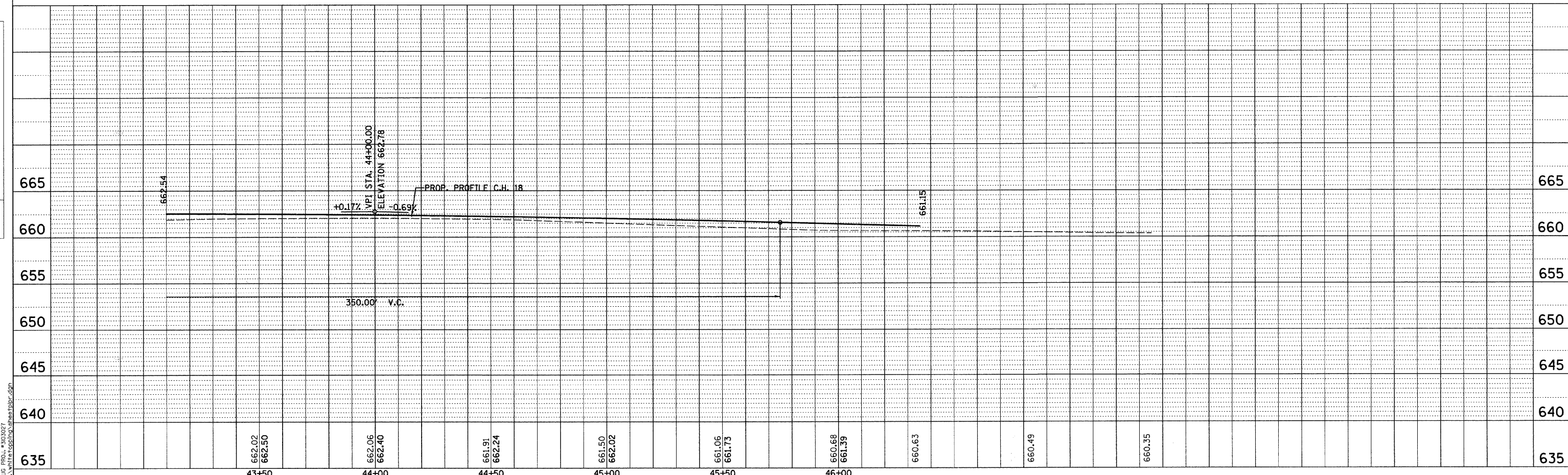


PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

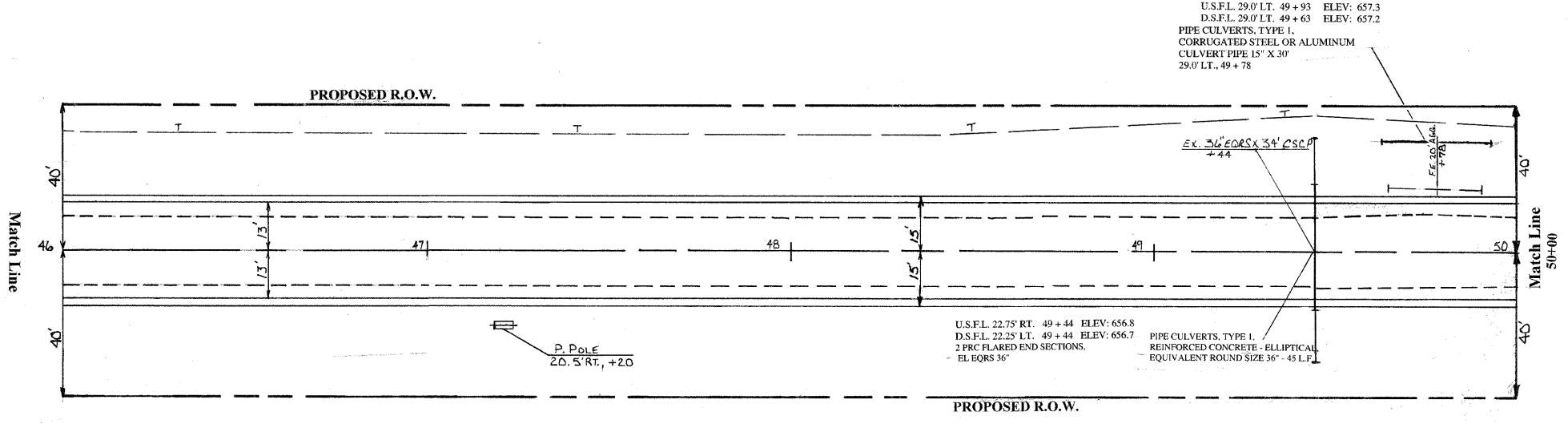


- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



T:\C:\PROJ\95457\95457.dgn



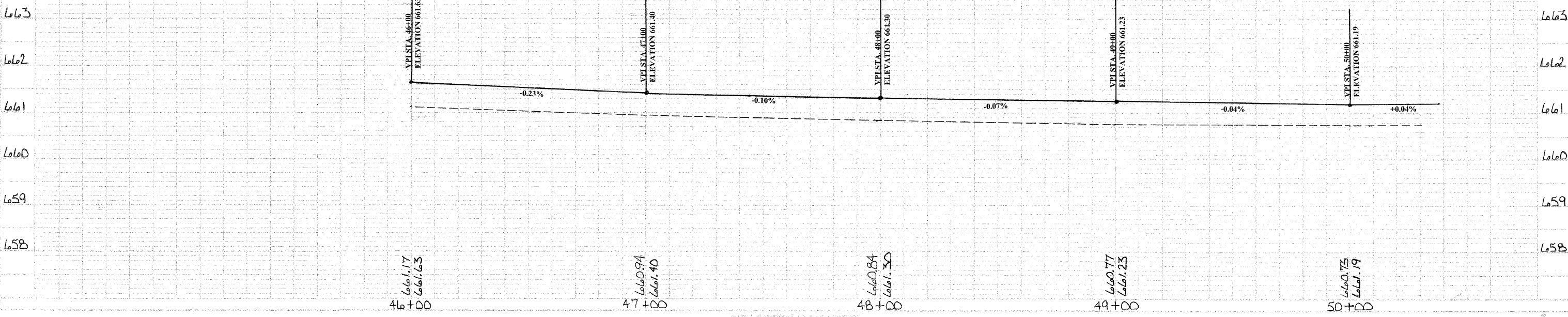
REMOVE EXISTING CULVERTS  
 A.R. 49+44 1 EACH  
 LT. 49+78 1 EACH  
 PAGE TOTAL 2 EACH

CONTROLLED LOW STRENGTH MATERIAL  
 STATION CU YD  
 49+44 140

PORTLAND CEMENT CONCRETE OVERLAY 5.5"  
 9.5' LT. TO 9.5' RT., 46+00 A.H. TO 50+00  
 PAGE TOTAL 844.4 SQ YD

PORTLAND CEMENT CONCRETE PAVEMENT 9" (WIDENING)  
 9.5' LT. TO 13' RT., 46+00 A.H. TO 50+00  
 9.5' RT. TO 13' RT., 46+00 A.H. TO 50+00  
 PAGE TOTAL 311.1 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' RT., 46+00 A.H. TO 50+00  
 13' RT. TO 15' RT., 46+00 A.H. TO 50+00  
 PAGE TOTAL 61 TON



661.17  
661.63  
46+00

660.94  
661.40  
47+00

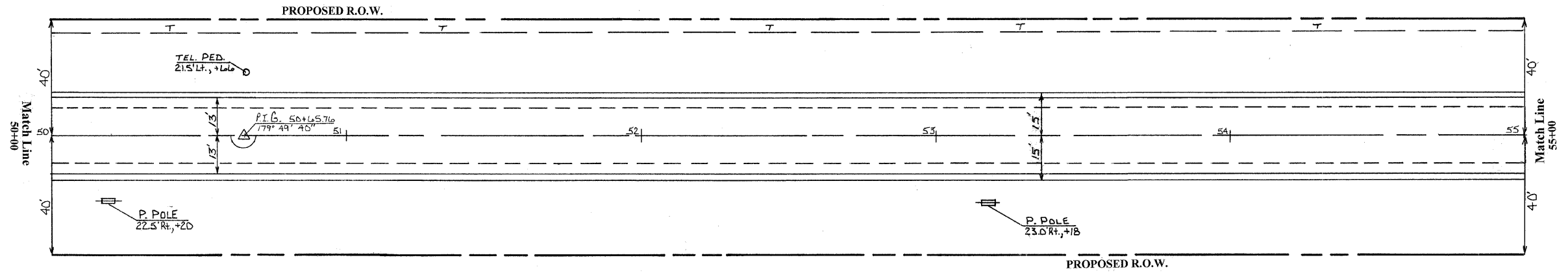
660.84  
661.30  
48+00

660.77  
661.23  
49+00

660.75  
661.19  
50+00

NO.	DATE	REVISION

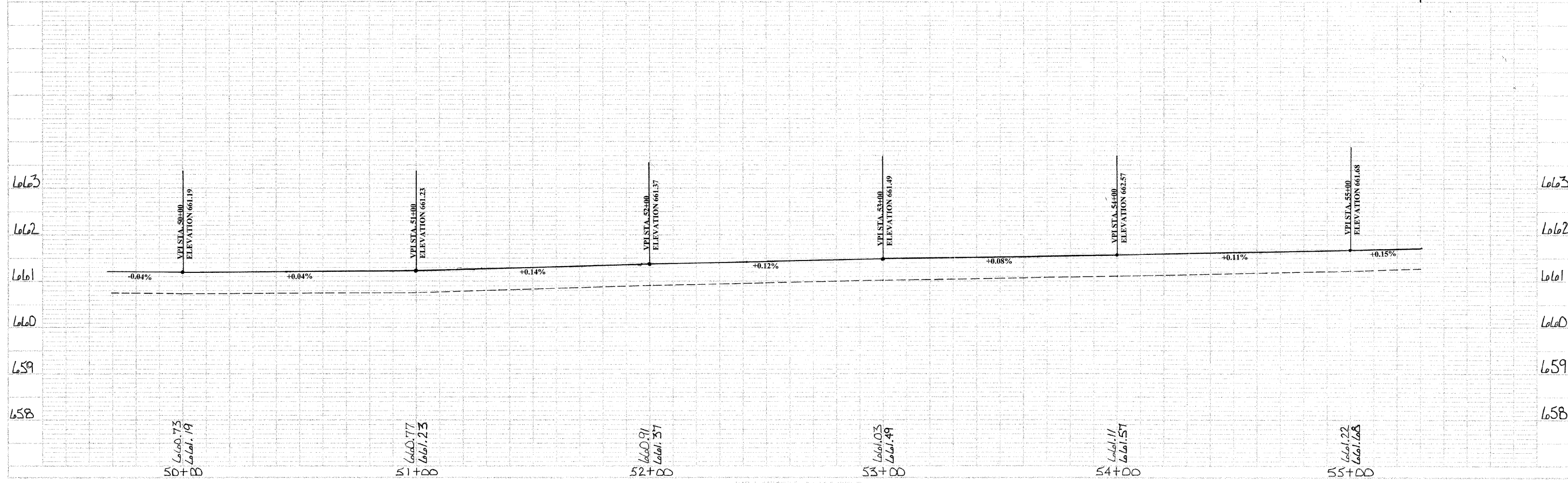
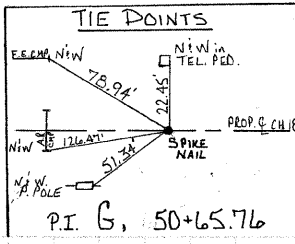
NO.	DATE	REVISION



PORTLAND CEMENT CONCRETE OVERLAY 5.5  
 9.5' LT. TO 9.5' RT. 50+00 TO 55+00  
 PAGE TOTAL 1055.6 SQ YD

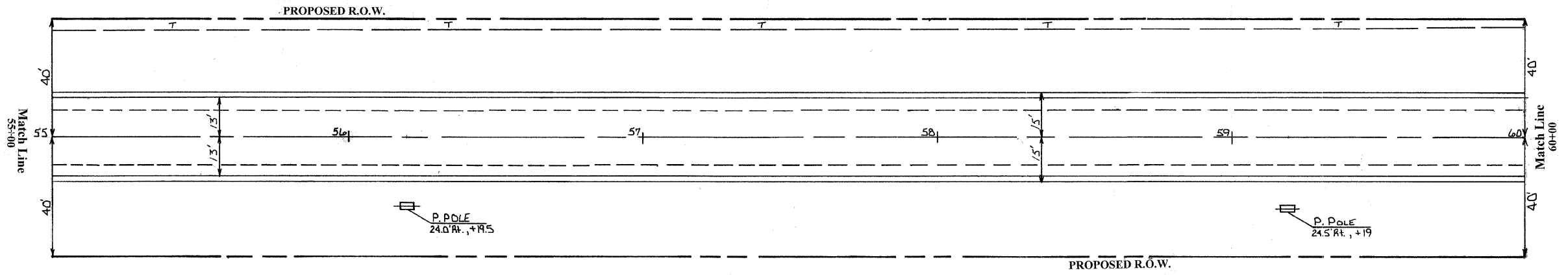
PORTLAND CEMENT CONCRETE PAVEMENT 2 (WIDENING)  
 9.5' LT. TO 13' LT. 50+00 TO 55+00  
 9.5' RT. TO 13' RT. 50+00 TO 55+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT. 50+00 TO 55+00  
 13' RT. TO 15' RT. 50+00 TO 55+00  
 PAGE TOTAL 76 TON



DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
LOCATION	
SCALE	
DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
LOCATION	
SCALE	

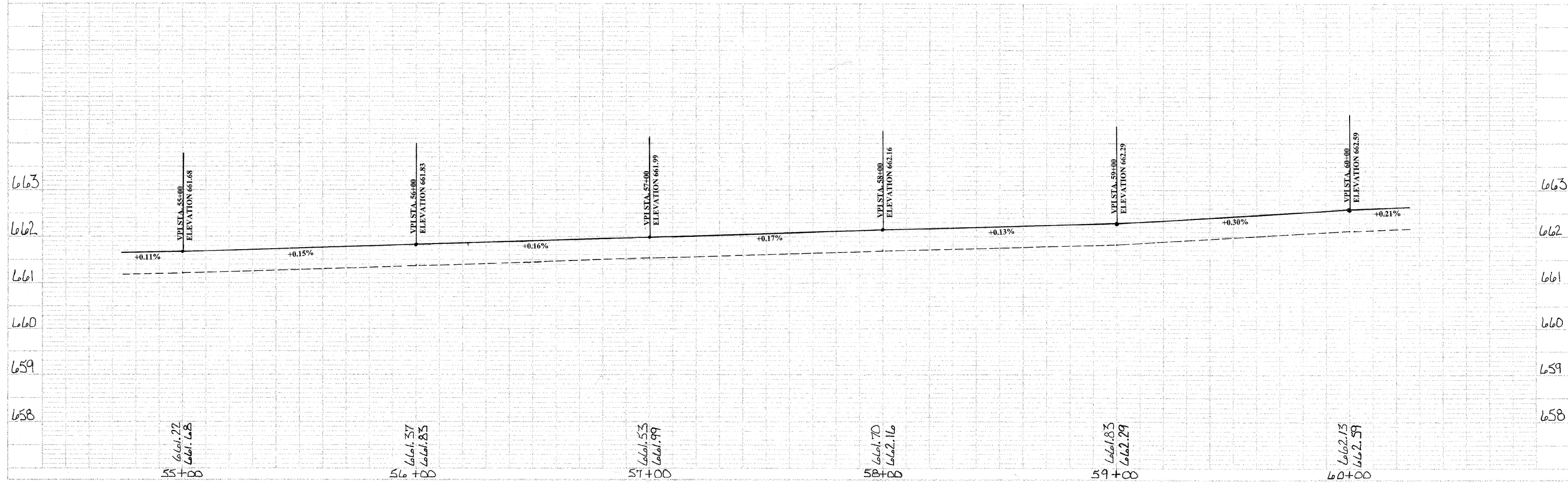
DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
LOCATION	
SCALE	
DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
LOCATION	
SCALE	



PORTLAND CEMENT CONCRETE OVERLAY 5 1/2"  
 9.5' LT. TO 9.5' RT., 55+00 TO 60+00  
 PAGE TOTAL 1055.6 SQ YD

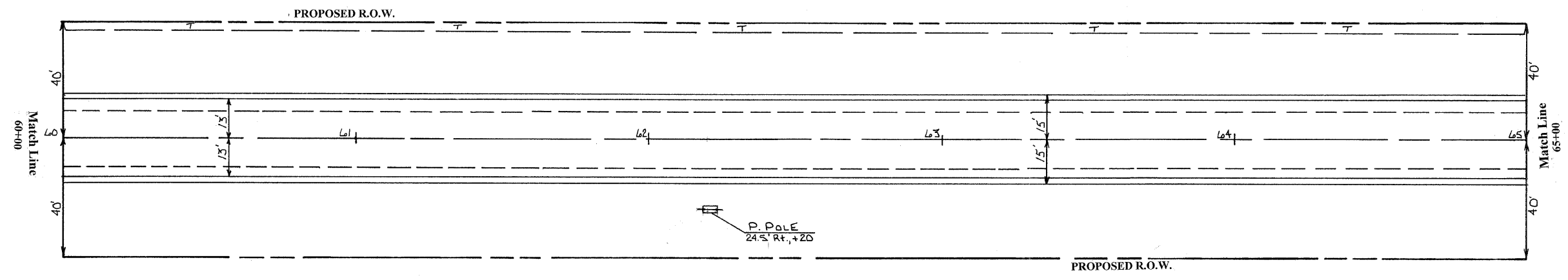
PORTLAND CEMENT CONCRETE PAVEMENT 9" (WIDENING)  
 9.5' LT. TO 13' LT., 55+00 TO 60+00  
 9.5' RT. TO 13' RT., 55+00 TO 60+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT., 55+00 TO 60+00  
 13' RT. TO 15' RT., 55+00 TO 60+00  
 PAGE TOTAL 76 TON



PROJECT	CH 18 / FAS 642
DATE	11/11/11
SCALE	AS SHOWN
DESIGNER	CHAS. W. HARRIS
CHECKER	CHAS. W. HARRIS
APPROVER	CHAS. W. HARRIS
NOTES	SEE SHEET 27 FOR PREVIOUS WORK

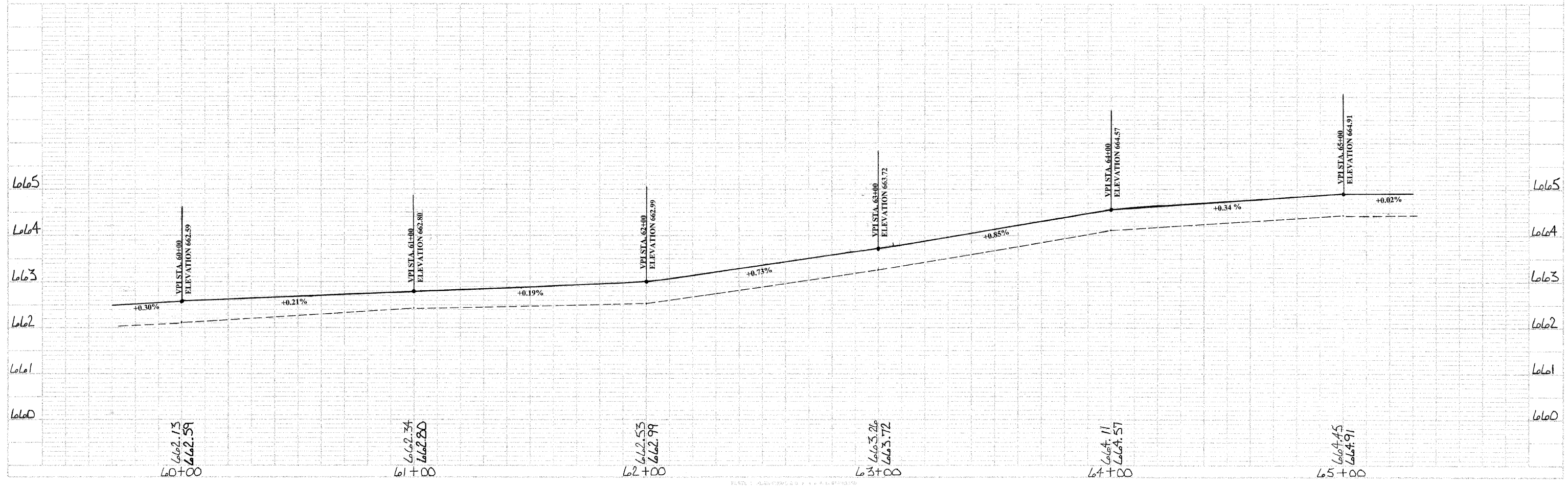
PROJECT	CH 18 / FAS 642
DATE	11/11/11
SCALE	AS SHOWN
DESIGNER	CHAS. W. HARRIS
CHECKER	CHAS. W. HARRIS
APPROVER	CHAS. W. HARRIS
NOTES	SEE SHEET 27 FOR PREVIOUS WORK



PORTLAND CEMENT CONCRETE OVERLAY 5 1/2"  
 9.5' LT. TO 9.5' RT. 60+00 TO 65+00  
 PAGE TOTAL 1055.6 SQ YD

PORTLAND CEMENT CONCRETE PAVEMENT 9" (WIDENING)  
 9.5' LT. TO 13' LT. 60+00 TO 65+00  
 9.5' RT. TO 13' RT. 60+00 TO 65+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT. 60+00 TO 65+00  
 13' RT. TO 15' RT. 60+00 TO 65+00  
 PAGE TOTAL 76 TON



DATE	
SCALE	
PROJECT	
DESIGNER	
CHECKER	
APPROVED	

DATE	
SCALE	
PROJECT	
DESIGNER	
CHECKER	
APPROVED	



PORTLAND CEMENT CONCRETE OVERLAY 3 1/2"  
 9.5' LT. TO 9.5' RT., 70+00 TO 75+00  
 PAGE TOTAL 1055.6 SQ YD

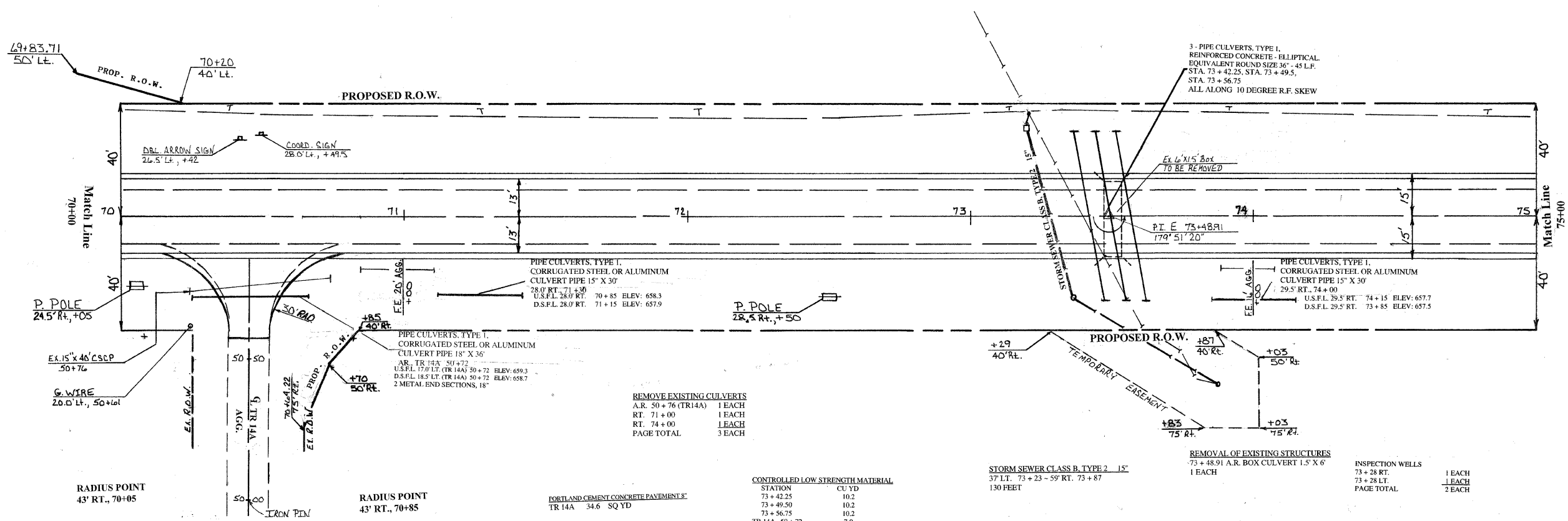
PORTLAND CEMENT CONCRETE PAVEMENT 2" (WIDENING)  
 9.5' LT. TO 13' LT., 70+00 TO 75+00  
 9.5' RT. TO 13' RT., 70+00 TO 75+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT., 70+00 TO 75+00  
 13' RT. TO 15' RT., 70+79 TO 75+00  
 TR 14A - RADIUS ONLY  
 PAGE TOTAL 77 TON

PIPE CULVERTS, TYPE I,  
 REINFORCED CONCRETE - ELLIPTICAL,  
 EQUIVALENT ROUND SIZE 36" - 45' L.F.  
 U.S.F.L. 22.50' RT. 73+42.25 ELEV: 657.4  
 D.S.F.L. 22.50' LT. 73+42.25 ELEV: 657.1  
 2 PRC FLARED END SECTIONS,  
 EL EQRS 36"  
 \*ALONG 10 DEGREE R.F. SKEW

PIPE CULVERTS, TYPE I,  
 REINFORCED CONCRETE - ELLIPTICAL,  
 EQUIVALENT ROUND SIZE 36" - 45' L.F.  
 U.S.F.L. 22.50' RT. 73+49.50 ELEV: 657.4  
 D.S.F.L. 22.50' LT. 73+49.50 ELEV: 657.1  
 2 PRC FLARED END SECTIONS,  
 EL EQRS 36"  
 \*ALONG 10 DEGREE R.F. SKEW

PIPE CULVERTS, TYPE I,  
 REINFORCED CONCRETE - ELLIPTICAL,  
 EQUIVALENT ROUND SIZE 36" - 45' L.F.  
 U.S.F.L. 22.50' RT. 73+56.75 ELEV: 657.4  
 D.S.F.L. 22.50' LT. 73+56.75 ELEV: 657.1  
 2 PRC FLARED END SECTIONS,  
 EL EQRS 36"  
 \*ALONG 10 DEGREE R.F. SKEW U.S.F.L.



REMOVE EXISTING CULVERTS  
 A.R. 50+76 (TR14A) 1 EACH  
 RT. 71+00 1 EACH  
 RT. 74+00 1 EACH  
 PAGE TOTAL 3 EACH

CONTROLLED LOW STRENGTH MATERIAL  

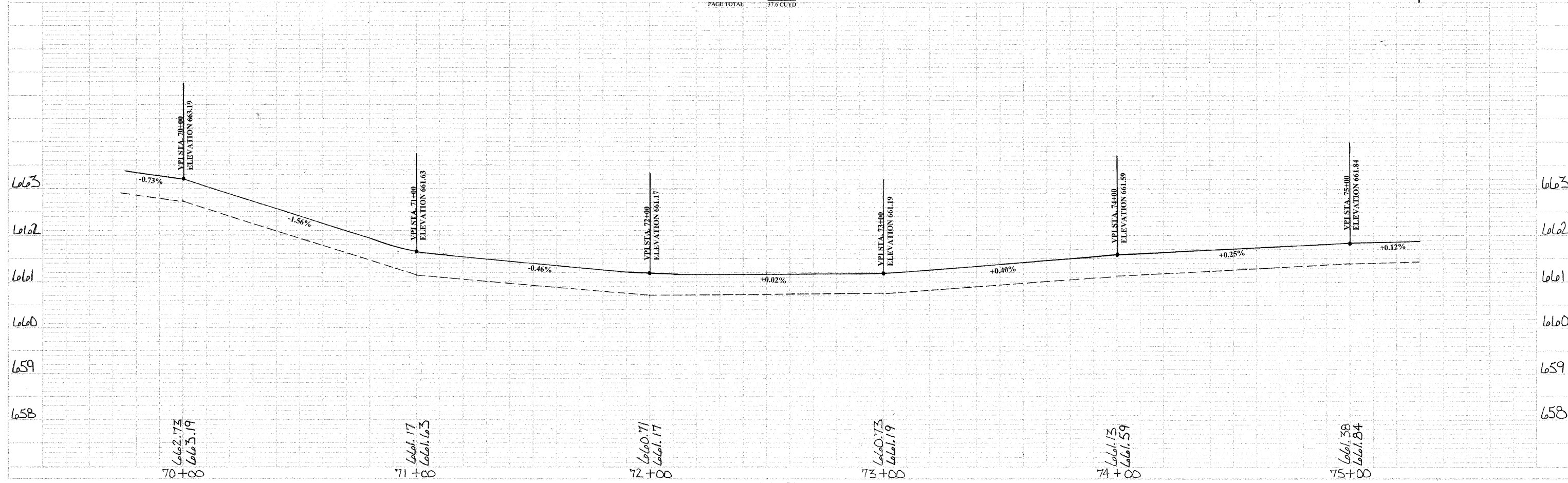
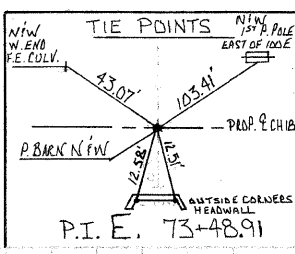
STATION	CU YD
73+42.25	10.2
73+49.50	10.2
73+56.75	10.2
TR 14A 50+72	7.0

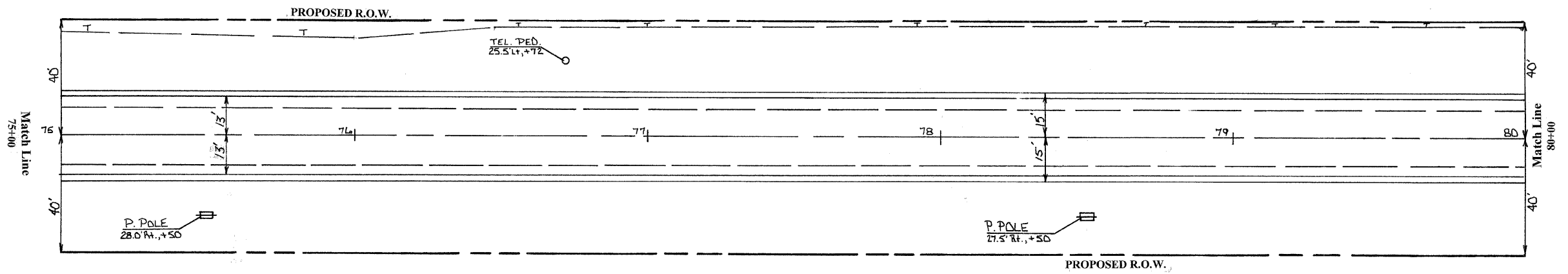
 PAGE TOTAL 37.6 CUYD

STORM SEWER CLASS B, TYPE 2 15"  
 37' LT. 73+23 - 59' RT. 73+87  
 130 FEET

REMOVAL OF EXISTING STRUCTURES  
 73+48.91 A.R. BOX CULVERT 1.5' X 6'  
 1 EACH

INSPECTION WELLS  
 73+28 RT.  
 73+28 LT.  
 PAGE TOTAL 2 EACH

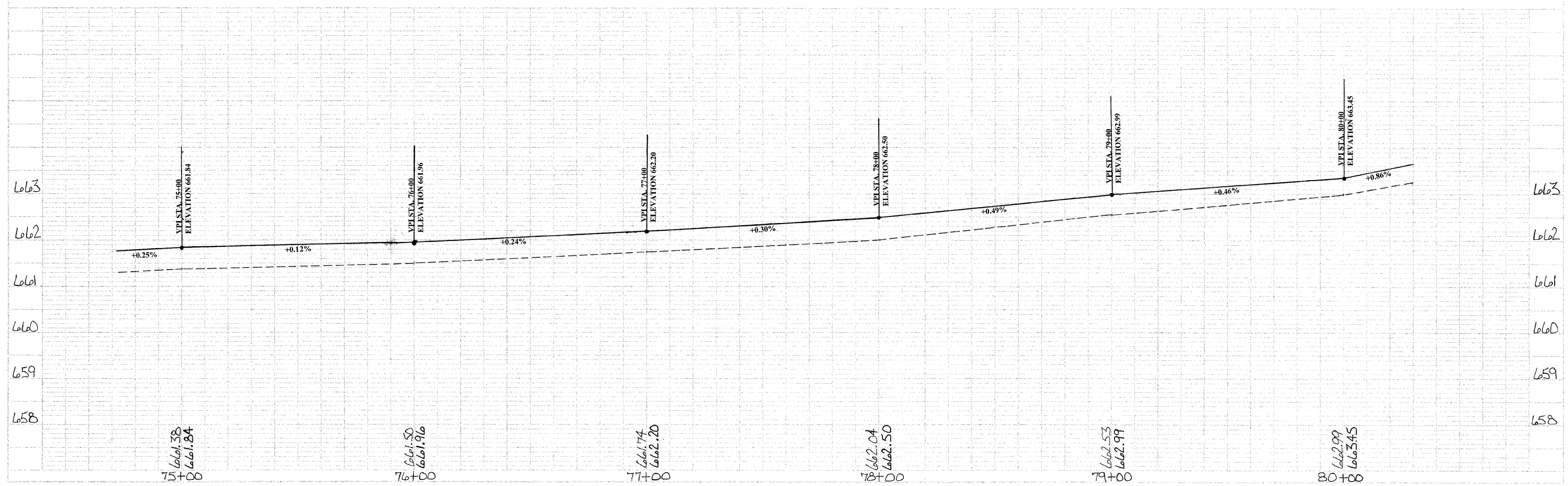




PORTLAND CEMENT CONCRETE OVERLAY 5 1/2"  
 9.5' LT. TO 9.5' RT., 75+00 TO 80+00  
 PAGE TOTAL 1055.6 SQ YD

PORTLAND CEMENT CONCRETE PAVEMENT 9" (WIDENING)  
 9.5' LT. TO 13' LT., 75+00 TO 80+00  
 9.5' RT. TO 13' RT., 75+00 TO 80+00  
 PAGE TOTAL 388.9 SQ YD

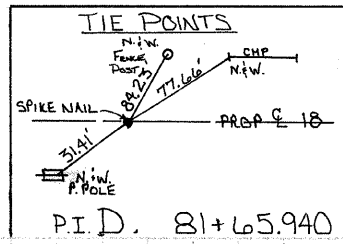
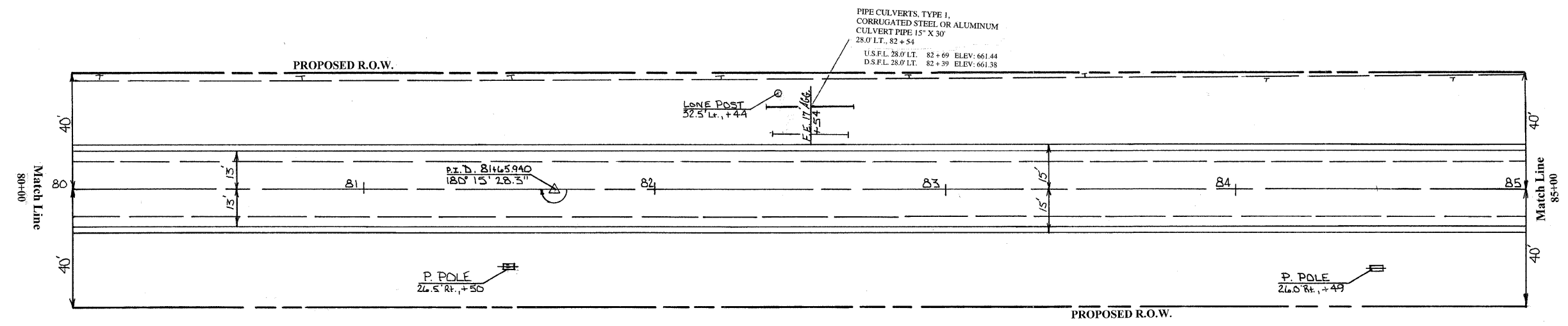
AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT., 75+00 TO 80+00  
 13' RT. TO 15' RT., 75+00 TO 80+00  
 PAGE TOTAL 76 TON



PROJECT: C.H. 18 / FAS 642  
 SHEET: 32 OF 91  
 DATE: 10/15/11  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]

PROJECT: C.H. 18 / FAS 642  
 SHEET: 32 OF 91  
 DATE: 10/15/11  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]



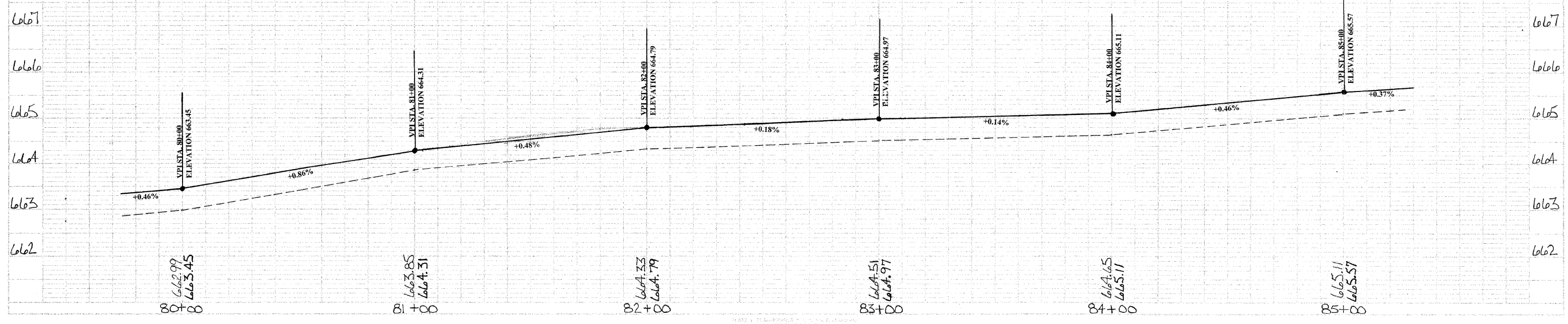


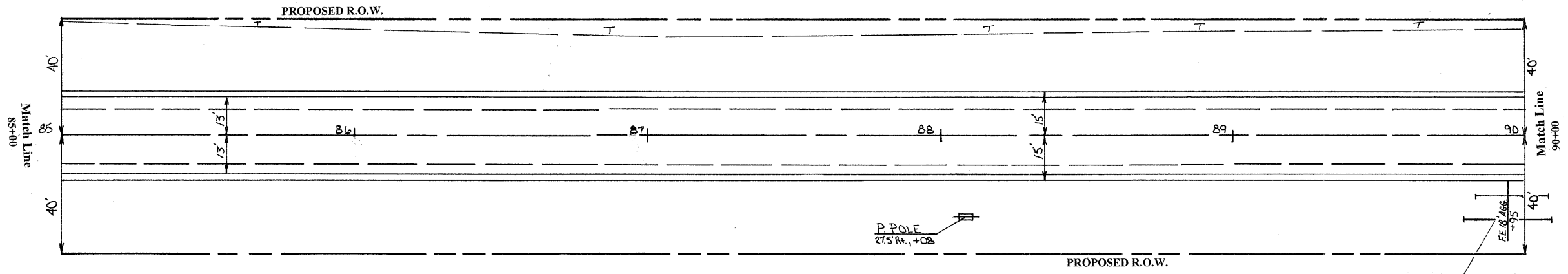
PORTLAND CEMENT CONCRETE OVERLAY 5.5"  
 9.5' LT. TO 9.5' RT. 80+00 TO 85+00  
 PAGE TOTAL 1055.6 SQ YD

PORTLAND CEMENT CONCRETE PAVEMENT 2 (WIDENING)  
 9.5' LT. TO 13' LT. 80+00 TO 85+00  
 9.5' RT. TO 13' RT. 80+00 TO 85+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT. 80+00 TO 85+00  
 13' RT. TO 15' RT. 80+00 TO 85+00  
 PAGE TOTAL 76 TON

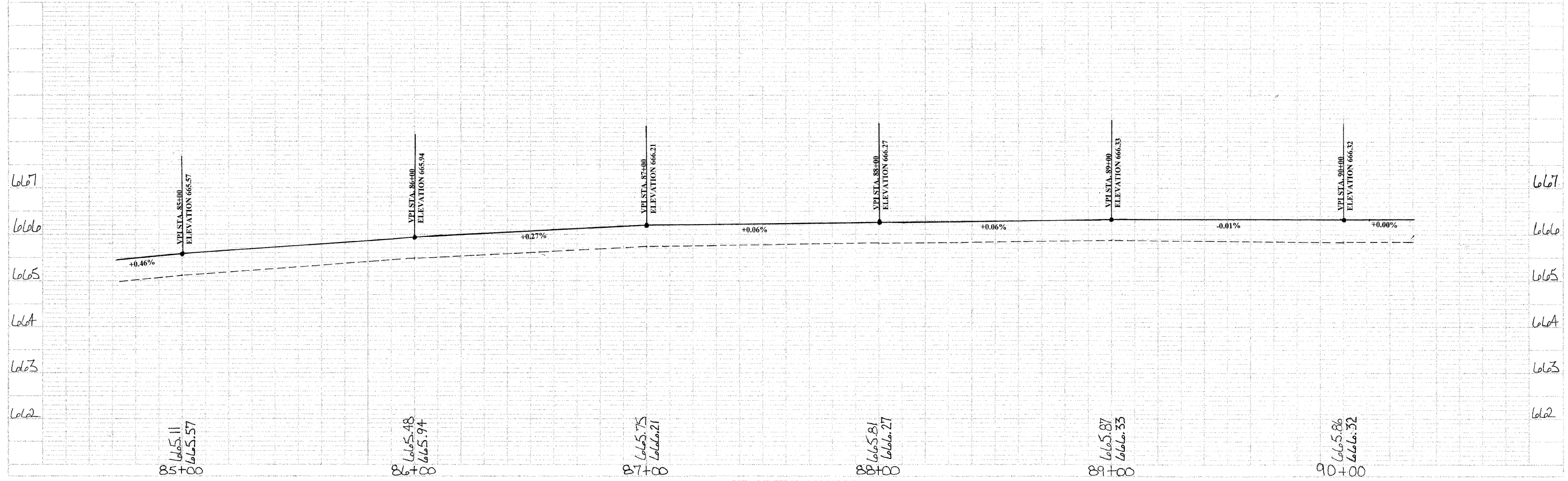
REMOVE EXISTING CULVERTS  
 LT. 82 + 54 1 EACH  
 PAGE TOTAL 1 EACH





PIPE CULVERTS, TYPE I,  
 CORRUGATED STEEL OR ALUMINUM  
 CULVERT PIPE 15" X 30"  
 38.5 RT. 89+95  
 U.S.F.L. 28.5 RT. 89+80 ELEV. 662.64  
 D.S.F.L. 28.5 RT. 90+10 ELEV. 662.59

REMOVE EXISTING CULVERTS RT. 89+95 1 EACH PAGE TOTAL 1 EACH	PORTLAND CEMENT CONCRETE OVERLAY 5.5 13 LT. TO 15 LT. 85+00 TO 90+00 PAGE TOTAL 1055.6 SQ YD	PORTLAND CEMENT CONCRETE PAVEMENT 2 (WIDENING) 9.5 LT. TO 13 LT. 85+00 TO 90+00 9.5 RT. TO 13 RT. 85+00 TO 90+00 PAGE TOTAL 388.9 SQ YD	AGGREGATE SHOULDERS, TYPE B 13 LT. TO 15 LT. 85+00 TO 90+00 13 RT. TO 15 RT. 85+00 TO 90+00 PAGE TOTAL 76 TON
---	--	--	--



DATE	
BY	
CHECKED	
IN CHARGE	
SCALE	
PROJECT	
SHEET	

DATE	
BY	
CHECKED	
IN CHARGE	
SCALE	
PROJECT	
SHEET	

PORTLAND CEMENT CONCRETE OVERLAY 3 1/2"  
 13' LT. TO 15' LT., 90+00 TO 95+00  
 PAGE TOTAL 1055.6 SQ YD

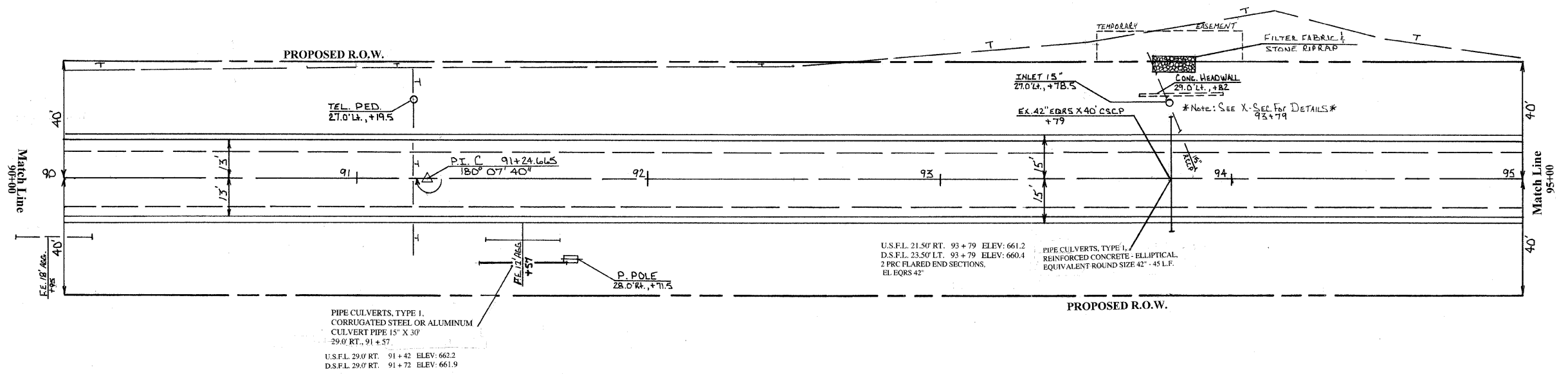
PORTLAND CEMENT CONCRETE PAVEMENT 2" (WIDENING)  
 9.5' LT. TO 13' LT., 90+00 TO 95+00  
 9.5' RT. TO 13' RT., 90+00 TO 95+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT., 90+00 TO 95+00  
 13' RT. TO 15' RT., 90+00 TO 95+00  
 PAGE TOTAL 76 TON

STONE RIPRAP, CLASS A4  
 36.0' LT. 93+72.5 - 36.0' LT. 93+86.5  
 8.3 SQ YD  
 FILTER FABRIC  
 36.0' LT. 93+72.5 - 36.0' LT. 93+86.5  
 8.3 SQ YD

CONCRETE RETAINING WALL REMOVAL  
 28.5' LT. 93+67 - 29.5' LT. 93+97  
 30 FEET

COLES COUNTY  
 SEC: 00-00127-00-WR  
 CONTRACT # 95457  
 C.H. 18 / FAS 642  
 TOTAL SHEETS 91 SHEET # 35



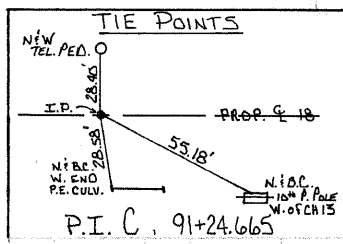
STATION	CU YD
93+61	16.4

FLUSH INLET BOX  
 34' LT. 93+79  
 1 EACH

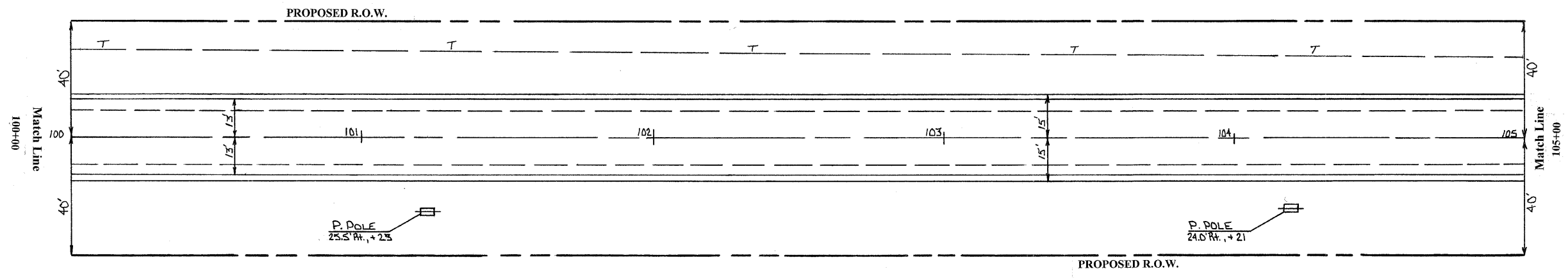
REMOVING INLETS TO MAINTAIN FLOW  
 27.0' RT. 93+78.5  
 1 EACH

INSPECTION WELLS  
 93+90 RT. 1 EACH  
 93+90 LT. 1 EACH  
 PAGE TOTAL 2 EACH

REMOVE EXISTING CULVERTS  
 RT. 91+37 1 EACH  
 A.R. 93+79 1 EACH  
 PAGE TOTAL 2 EACH



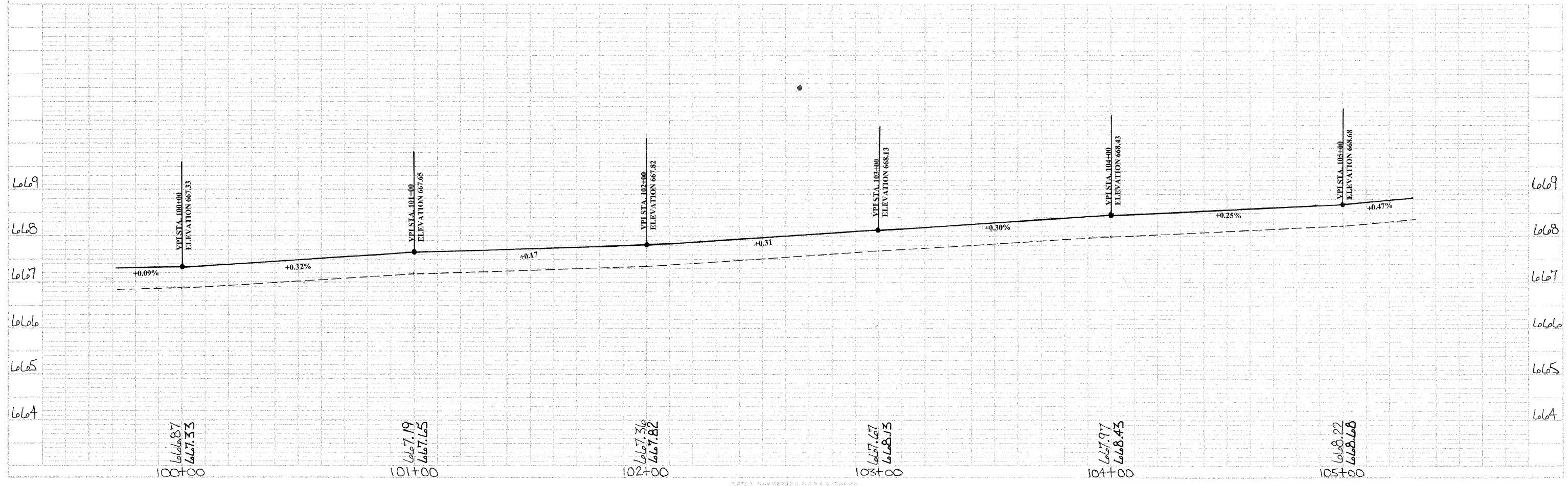




PORTLAND CEMENT CONCRETE OVERLAY 5.5  
 9.5' LT. TO 9.5' RT., 100+00 TO 105+00  
 PAGE TOTAL 1055.6 SQ YD

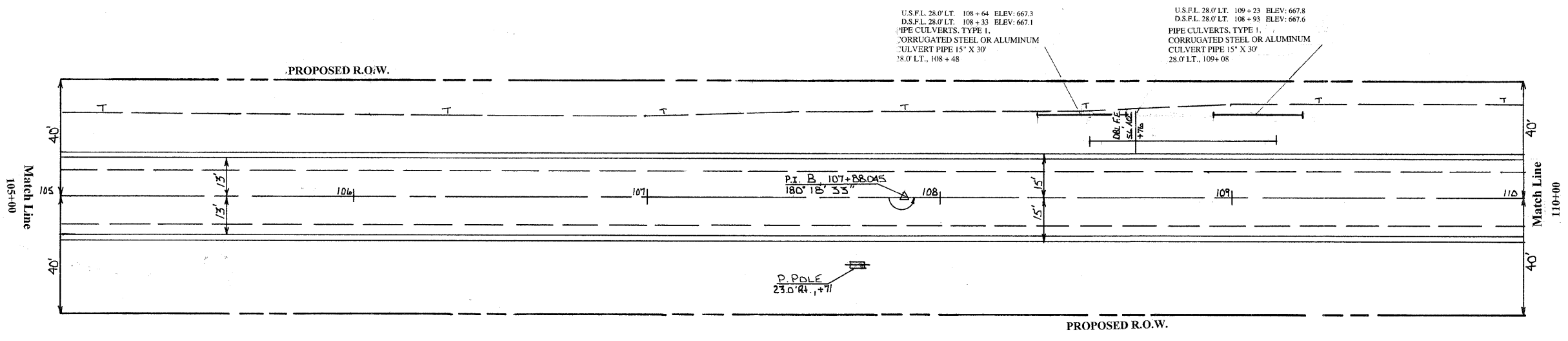
PORTLAND CEMENT CONCRETE PAVEMENT 2 (WIDENING)  
 9.5' LT. TO 13' LT., 100+00 TO 105+00  
 9.5' RT. TO 13' RT., 100+00 TO 105+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT., 100+00 TO 105+00  
 13' RT. TO 15' RT., 100+00 TO 105+00  
 PAGE TOTAL 76 TON



DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
SCALE	
DATE	

DATE	
BY	
CHECKED	
APPROVED	
PROJECT	
SCALE	
DATE	



U.S.F.L. 28.0' LT. 108+64 ELEV: 667.3  
 D.S.F.L. 28.0' LT. 108+33 ELEV: 667.1  
 PIPE CULVERTS, TYPE 1,  
 CORRUGATED STEEL OR ALUMINUM  
 CULVERT PIPE 15" X 30"  
 28.0' LT., 108+48

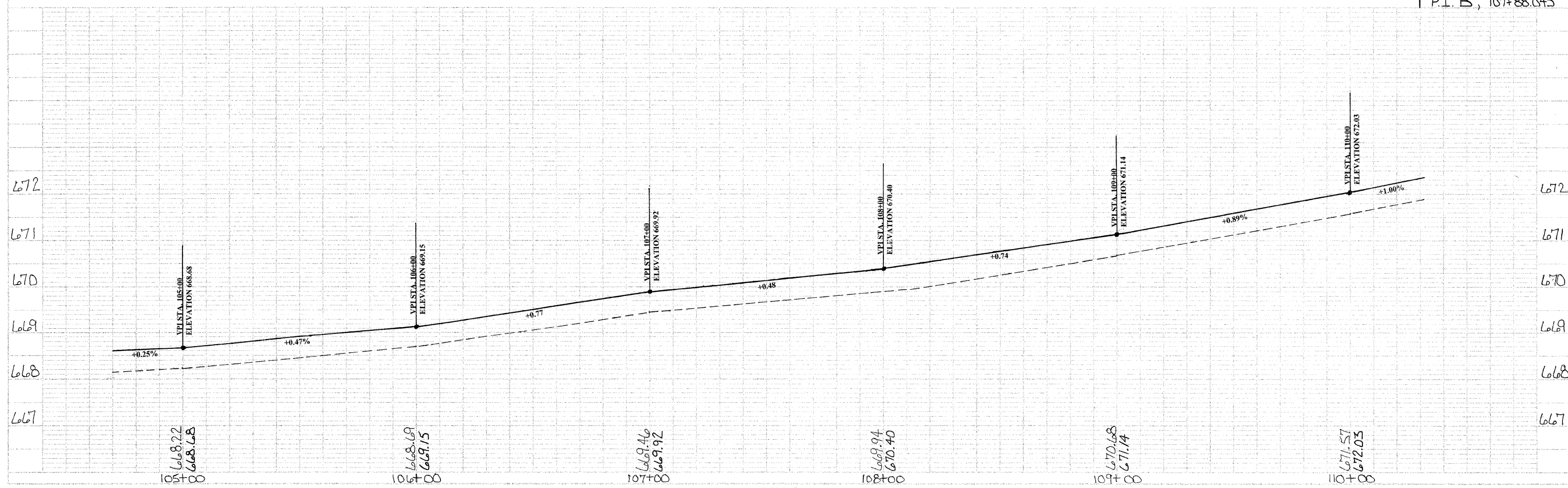
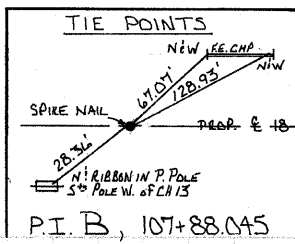
U.S.F.L. 28.0' LT. 109+23 ELEV: 667.8  
 D.S.F.L. 28.0' LT. 108+93 ELEV: 667.6  
 PIPE CULVERTS, TYPE 1,  
 CORRUGATED STEEL OR ALUMINUM  
 CULVERT PIPE 15" X 30"  
 28.0' LT., 109+08

PORTLAND CEMENT CONCRETE OVERLAY 5.5"  
 9.5' LT. TO 9.5' RT. 105+00 TO 110+00  
 PAGE TOTAL 1055.6 SQ YD

PORTLAND CEMENT CONCRETE PAVEMENT 9" (WIDENING)  
 9.5' LT. TO 13' LT. 105+00 TO 110+00  
 9.5' RT. TO 13' RT. 105+00 TO 110+00  
 PAGE TOTAL 388.9 SQ YD

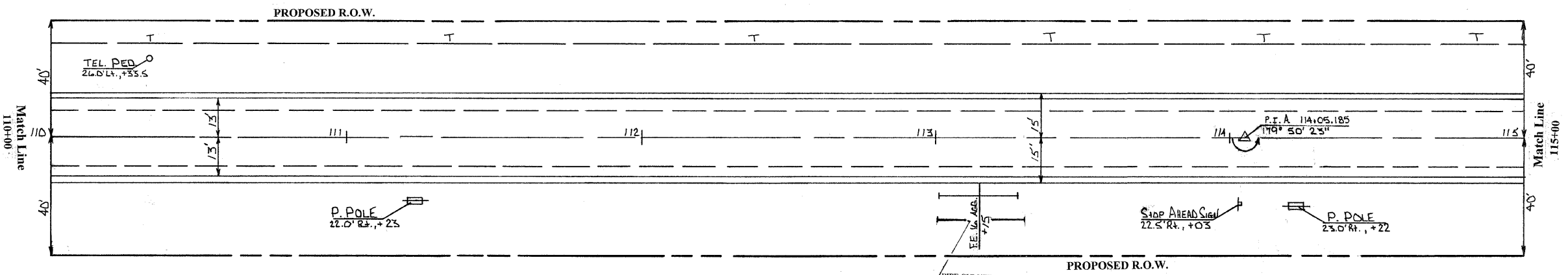
AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT. 105+00 TO 110+00  
 13' RT. TO 15' RT. 105+00 TO 110+00  
 PAGE TOTAL 76 TON

REMOVE EXISTING CULVERTS  
 LT. 108+76 1 EACH  
 PAGE TOTAL 1 EACH



DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	
DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	
DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	

DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	
DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	
DATE	
BY	
CHECKED	
APPROVED	
SCALE	
PROJECT	



PIPE CULVERTS, TYPE 1,  
 CORRUGATED STEEL OR ALUMINUM  
 CULVERT PIPE 15' X 30'  
 28.0' RT. 113 + 15

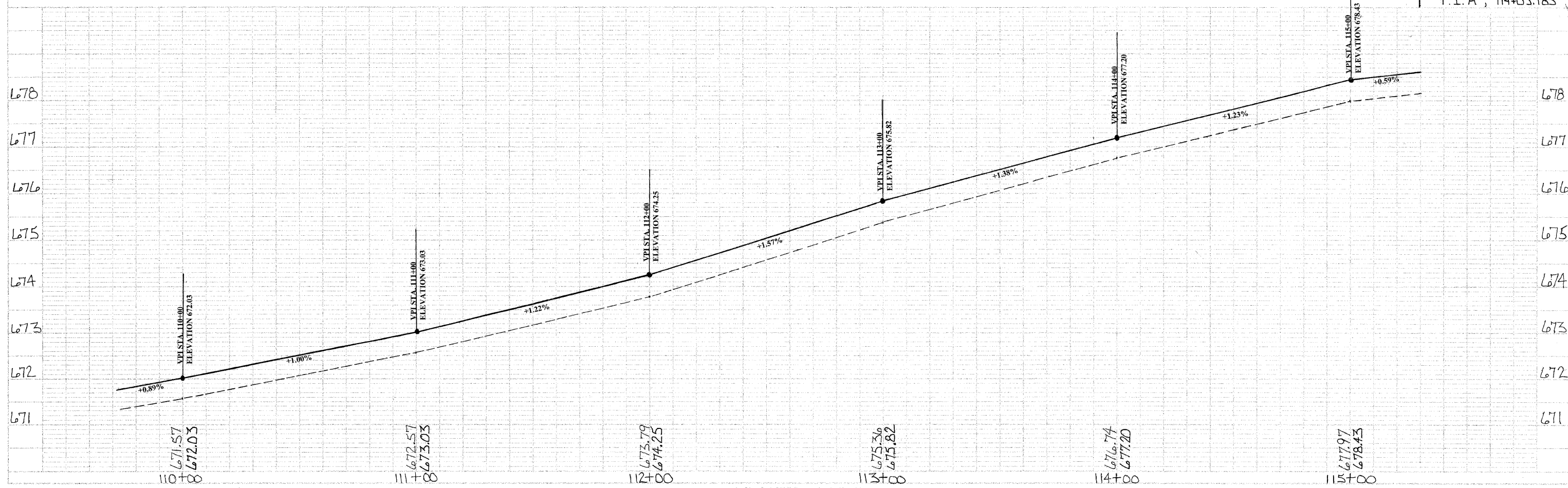
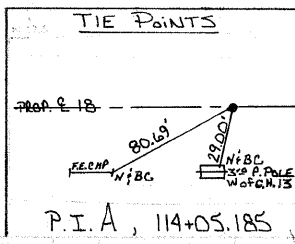
U.S.F.L. 28.0' RT. 113 + 30 ELEV: 672.7  
 D.S.F.L. 28.0' RT. 113 + 00 ELEV: 672.3

REMOVE EXISTING CULVERTS  
 RT. 113 + 15  
 PAGE TOTAL 1 EACH

PORTLAND CEMENT CONCRETE OVERLAY 5/8"  
 9.5' LT. TO 9.5' RT. 110 + 00 TO 115 + 00  
 PAGE TOTAL 1055.6 SQ YD

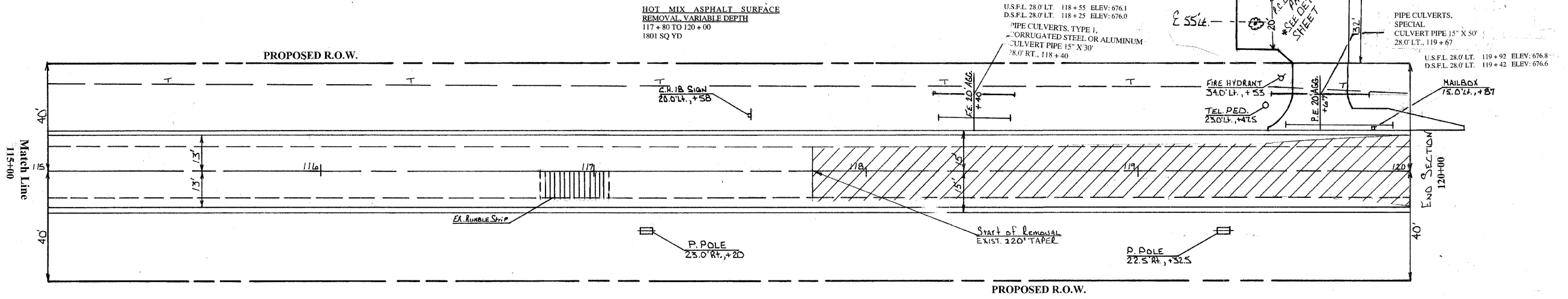
PORTLAND CEMENT CONCRETE PAVEMENT 2 (WIDENING)  
 9.5' LT. TO 13' RT. 110 + 00 TO 115 + 00  
 9.5' RT. TO 13' RT. 110 + 00 TO 115 + 00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT. 110 + 00 TO 115 + 00  
 13' RT. TO 15' RT. 110 + 00 TO 115 + 00  
 PAGE TOTAL 76 TON



DATE	BY	CHKD.

NO.	DESCRIPTION

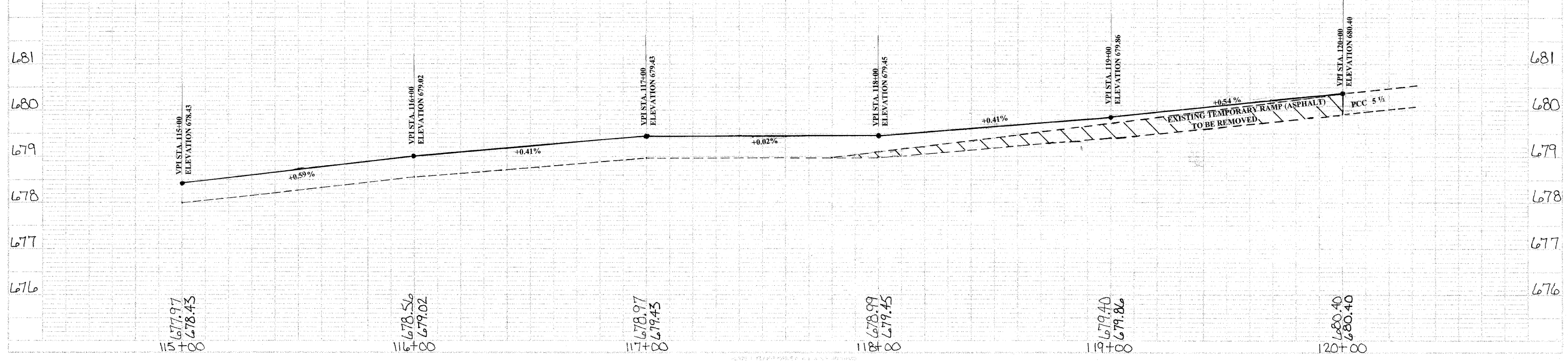


REMOVE EXISTING CULVERTS  
 LT. 118+40 1 EACH  
 LT. 119+67 1 EACH  
 PAGE TOTAL 2 EACH

PORTLAND CEMENT CONCRETE OVERLAY 5 1/2"  
 9.5' LT. TO 9.5' RT. 115+00 TO 120+00  
 PAGE TOTAL 1055.6 SQ YD

PORTLAND CEMENT CONCRETE PAVEMENT 2" (WIDENING)  
 9.5' LT. TO 13' LT. 115+00 TO 120+00  
 9.5' RT. TO 13' RT. 115+00 TO 120+00  
 PAGE TOTAL 388.9 SQ YD

AGGREGATE SHOULDERS, TYPE B  
 13' LT. TO 15' LT. 115+00 TO 120+00  
 13' RT. TO 15' RT. 115+00 TO 120+00  
 PAGE TOTAL 76 TON

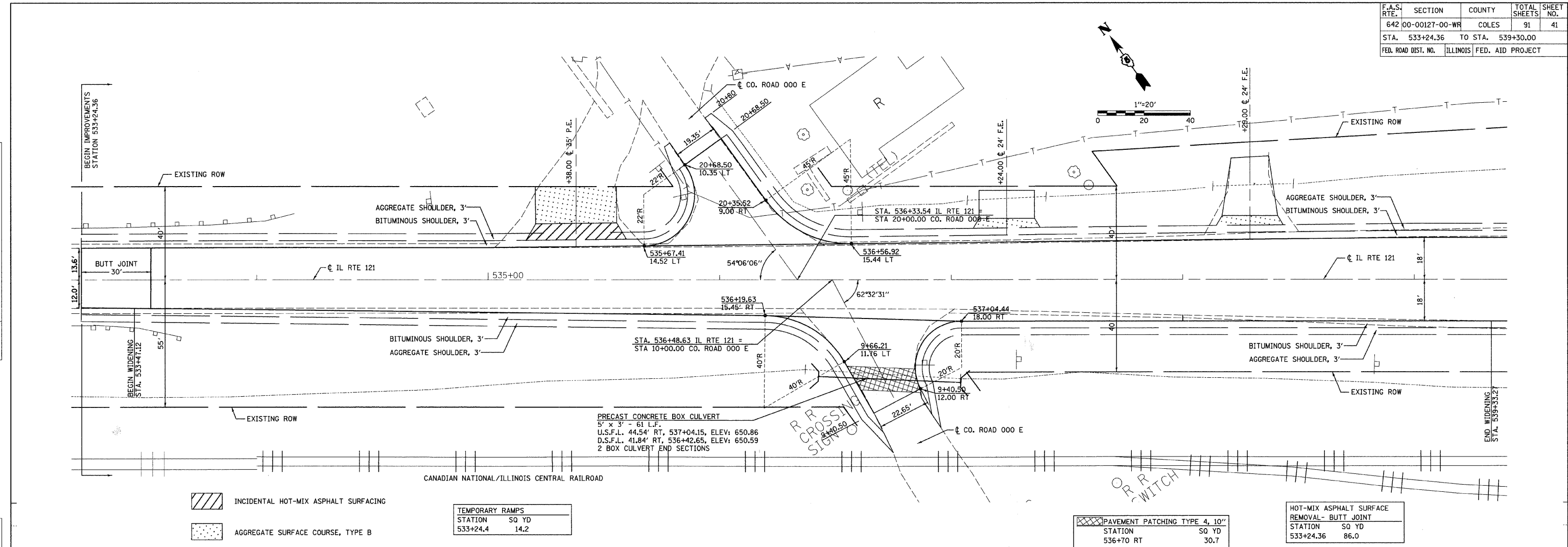




F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 00-00127-00-WR	COLES	91	41	
STA. 533+24.36 TO STA. 539+30.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF MAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF MAY CHECKED	
	STRUCTURE NOTATIONS CHECKED	

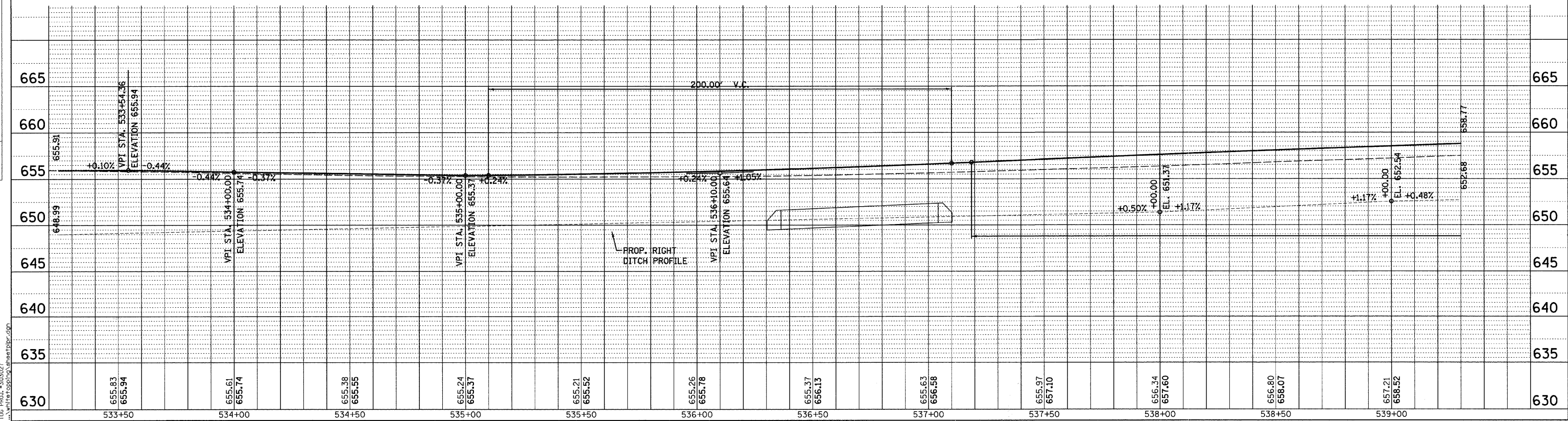


- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B

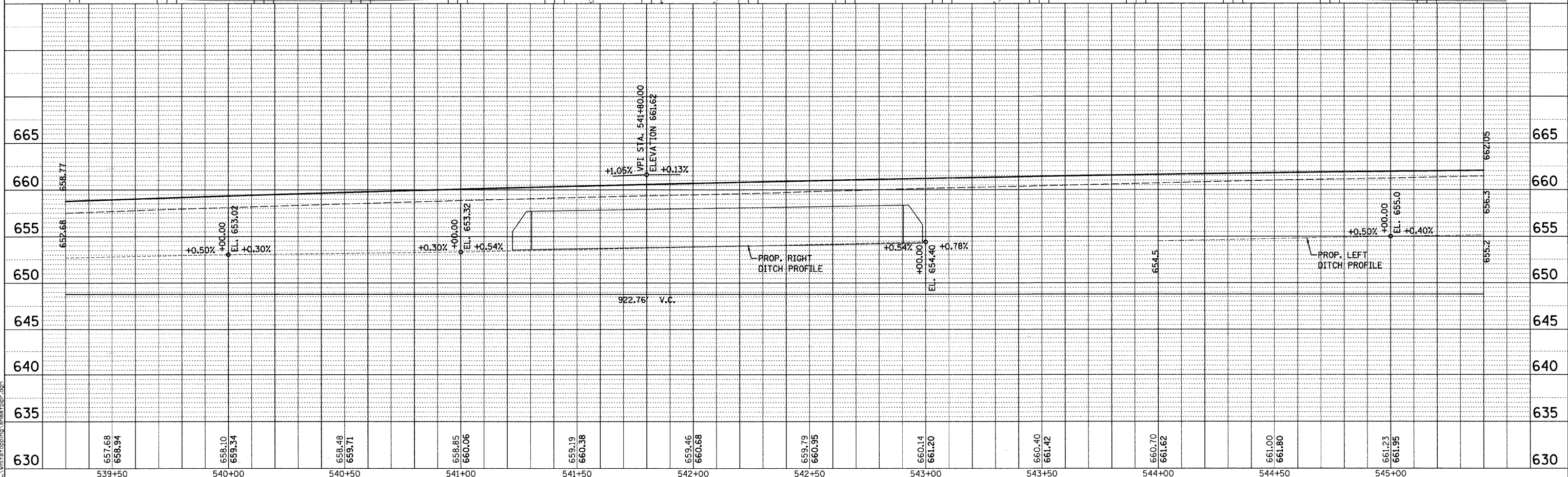
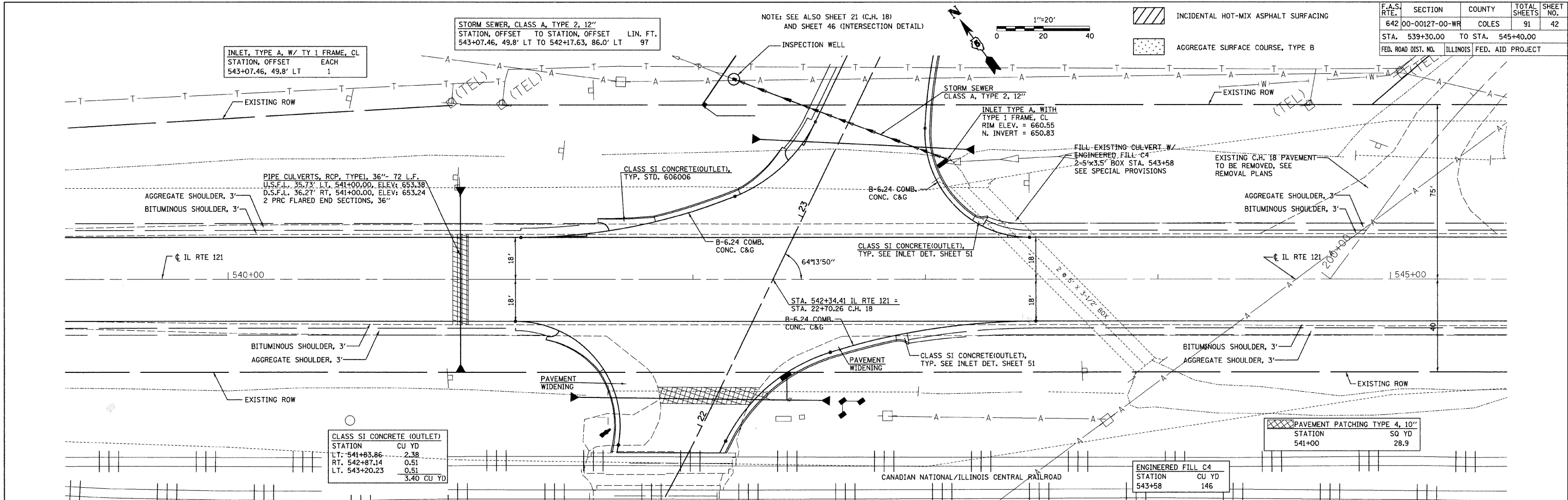
TEMPORARY RAMPS	
STATION	SQ YD
533+24.4	14.2

PAVEMENT PATCHING TYPE 4, 10"	
STATION	SQ YD
536+70 RT	30.7

HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	
STATION	SQ YD
533+24.36	86.0



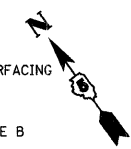
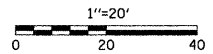
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	42
STA. 539+30.00 TO STA. 545+40.00				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	



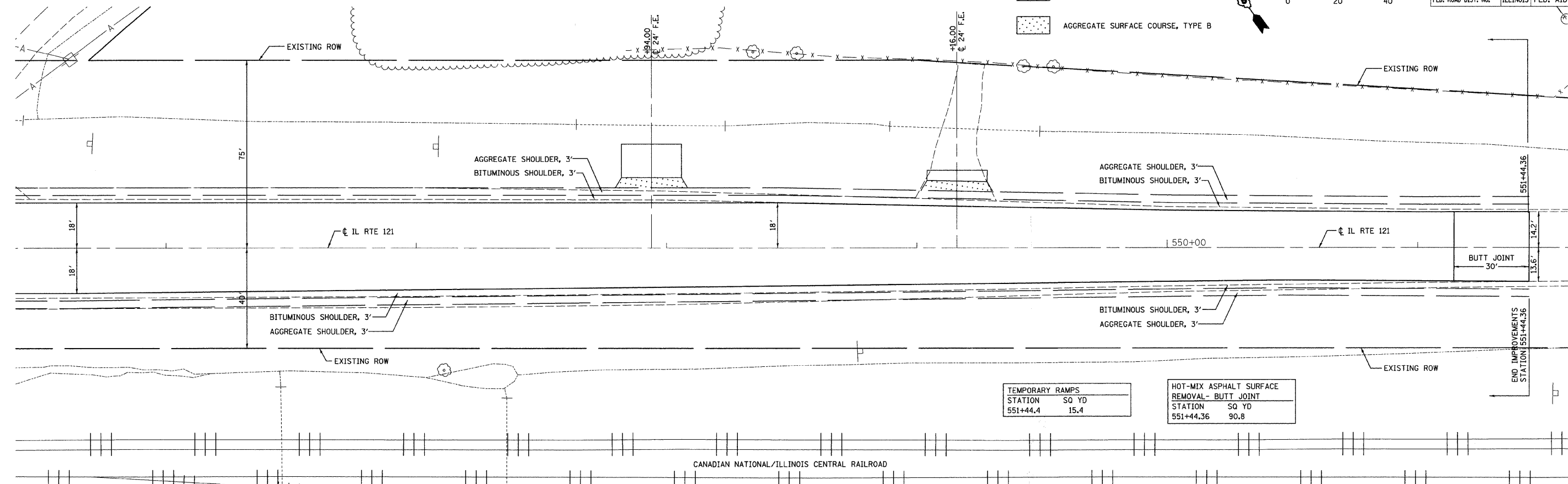
DATE	
BY	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	
NO.	
NO.	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	43
STA. 545+40.00 TO STA. 551+44.36				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B

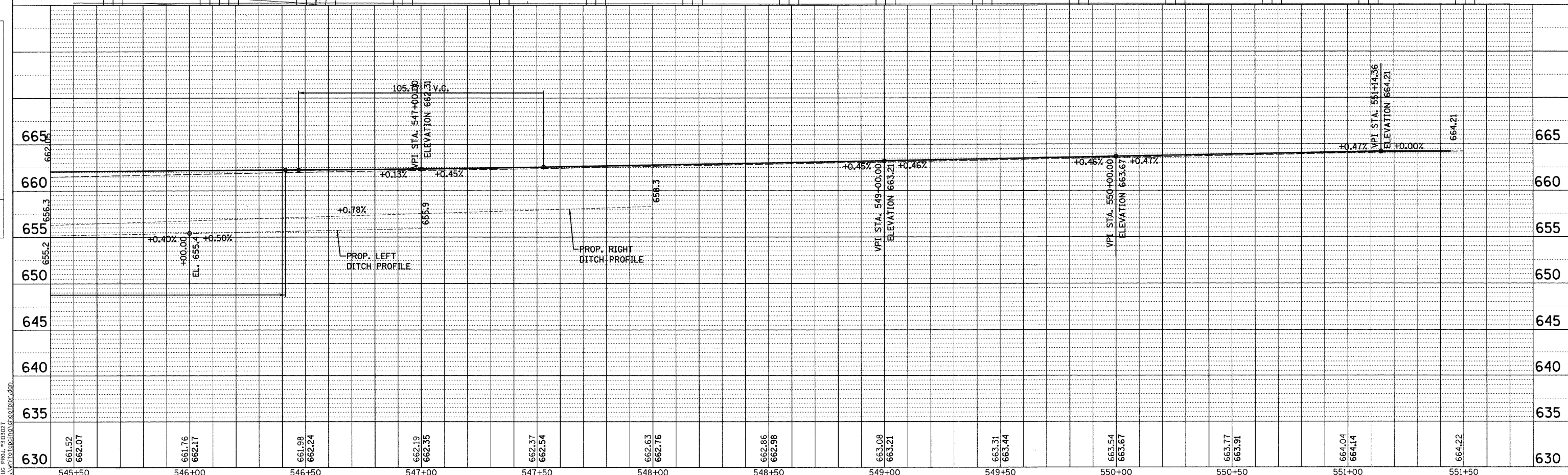


STATION	SQ YD
551+44.4	15.4

STATION	SQ YD
551+44.36	90.8

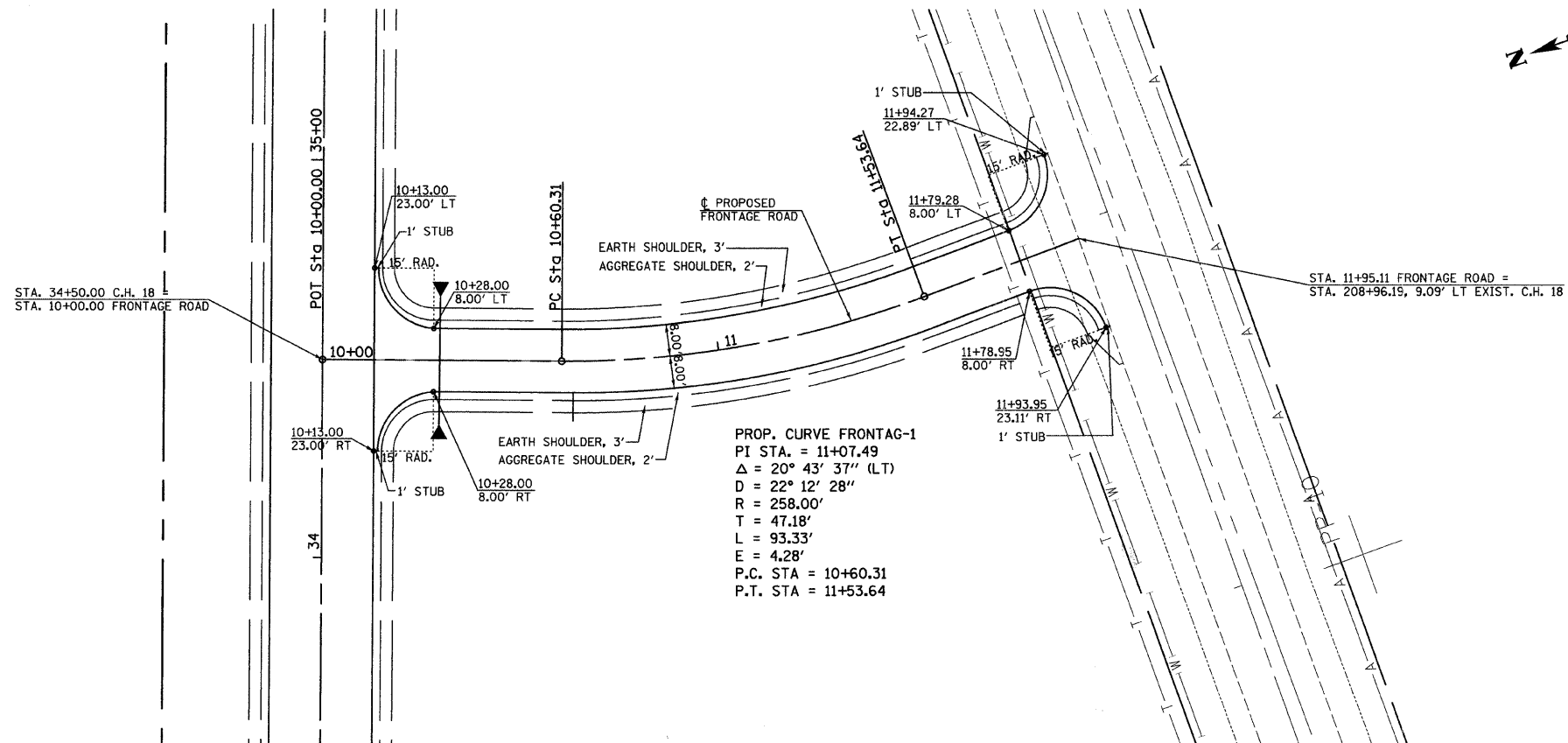
PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

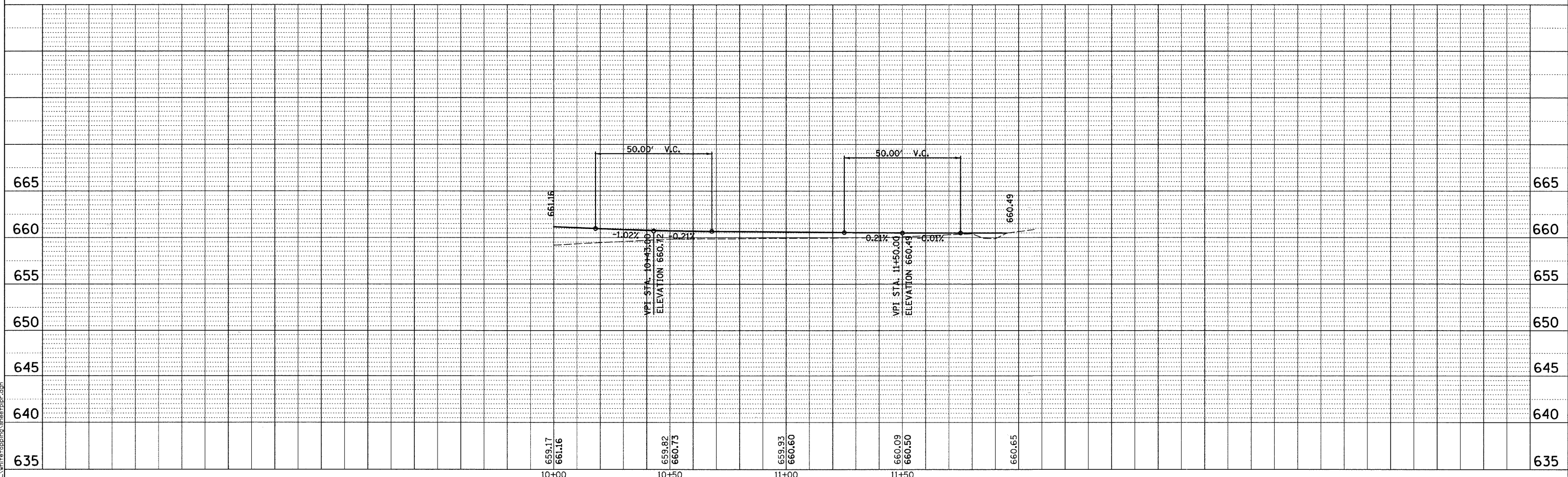


FILE PROJ. #101027  
 \A\101027\DRG\95457P43.dwg

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	44
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- INCIDENTAL HOT-MIX ASPHALT SURFACING
- AGGREGATE SURFACE COURSE, TYPE B



PLAN	SURVEYED	DATE
NO.	BY	

PROFILE	SURVEYED	DATE
NO.	BY	

T:\C:\PROJ\1010037\101010037\sheetpr.dgn

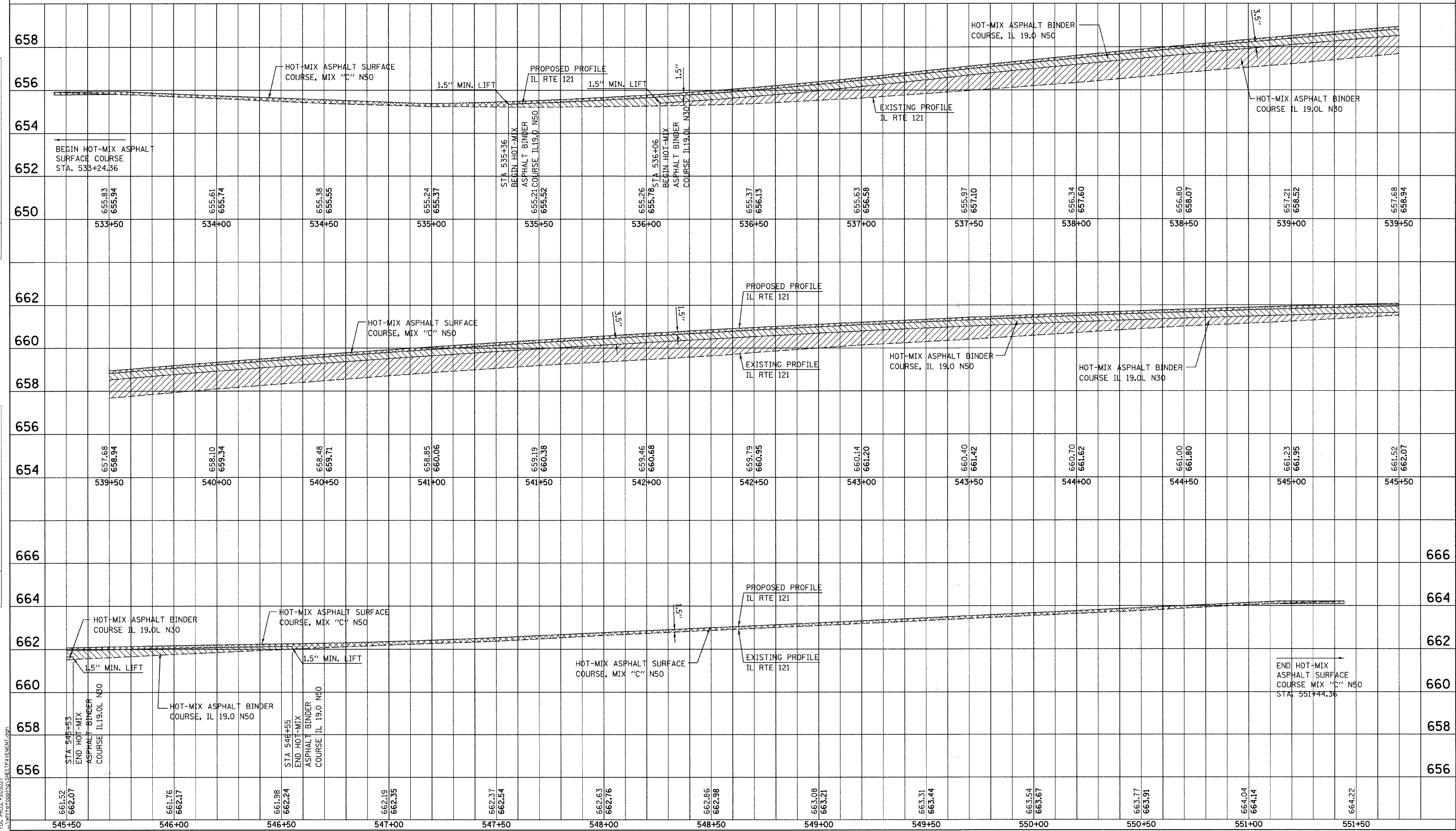
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	45
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PLAN

SURVEYED	DATE
PLotted	BY
NOT CHECKED	
NOTE BOOK NO.	
CAD FILE NAME	

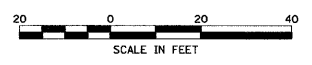
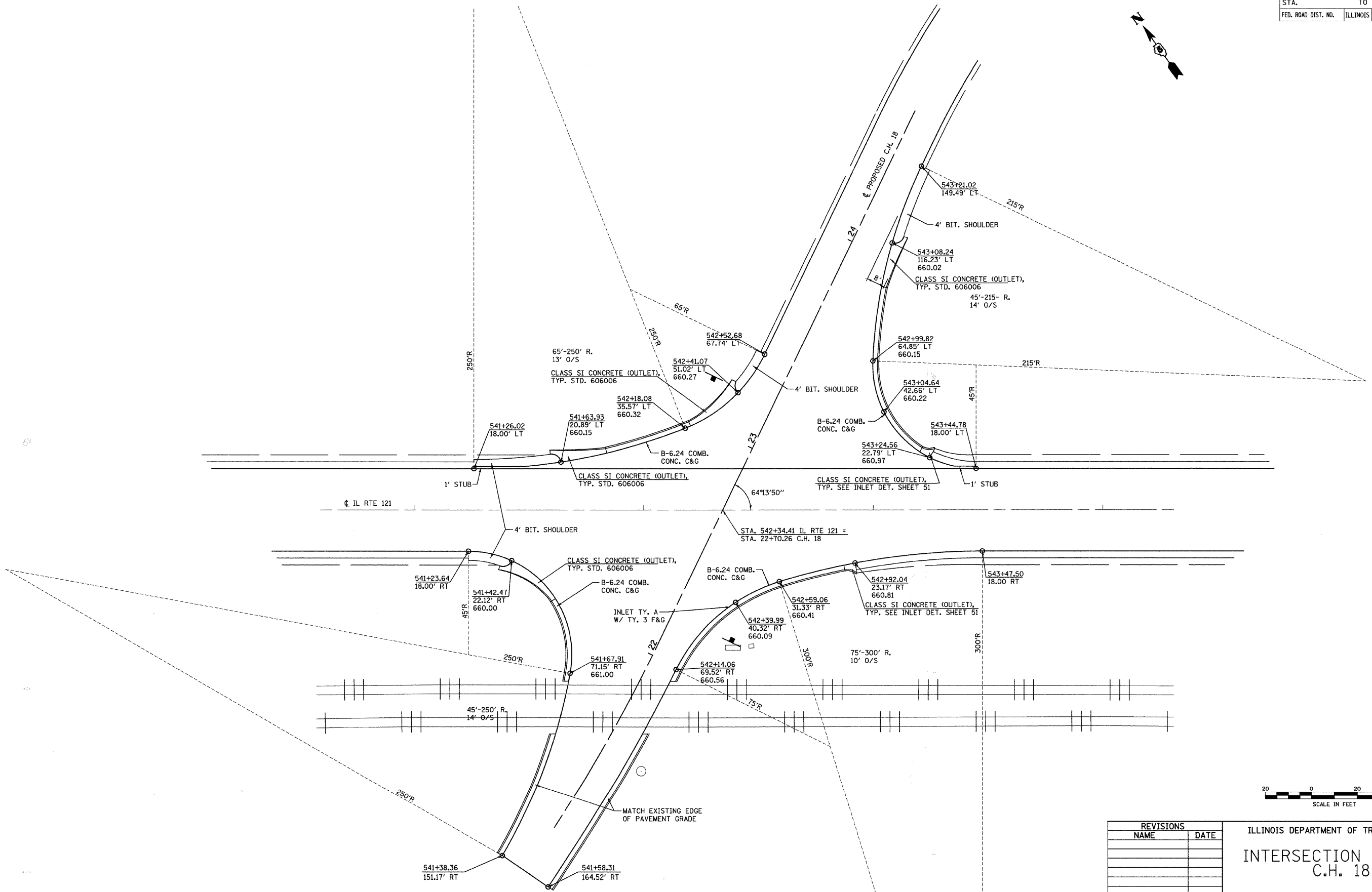
PROFILE

SURVEYED	DATE
PLotted	BY
NOT CHECKED	
NOTE BOOK NO.	
STRUCTURE NOTATION	



I:\C:\PROJ\101027\101027.DWG

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 00-00127-00-WR		COLES	91	46
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

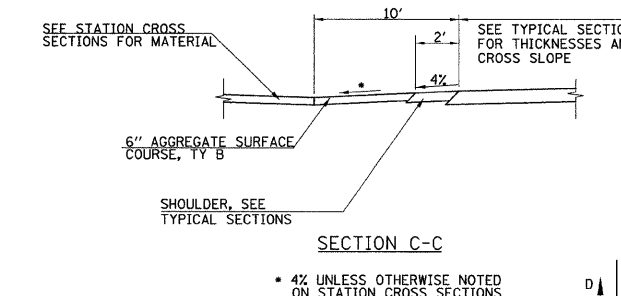
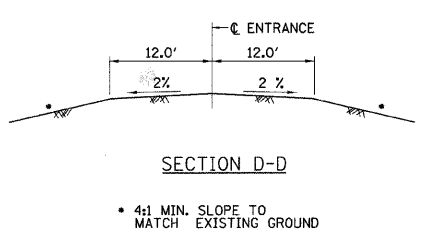
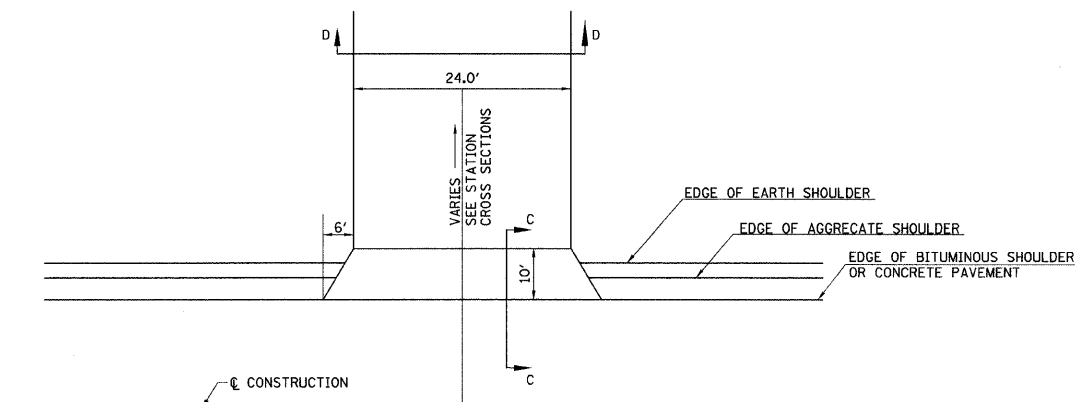
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION DETAILS**  
**C.H. 18**

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE 02/28/2008  
 DRAWN BY SJF  
 CHECKED BY MED

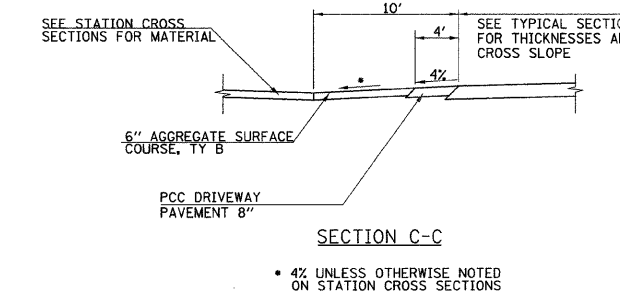
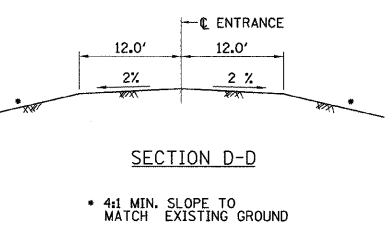
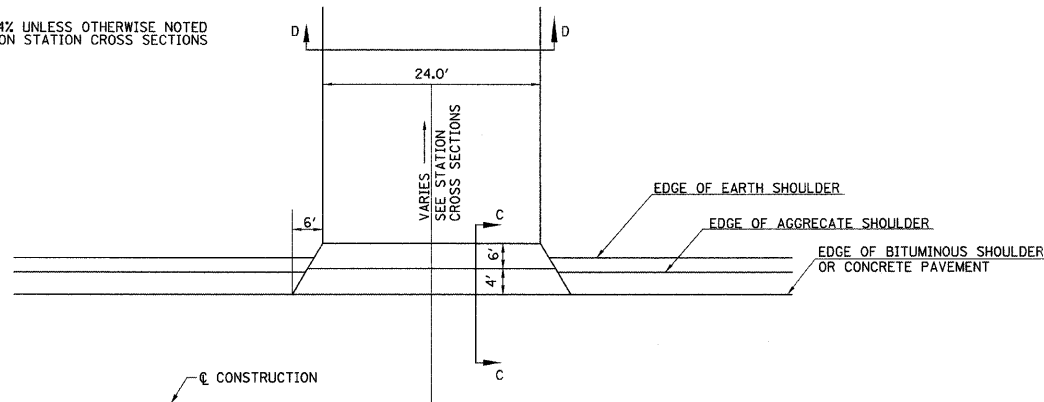
TUG PROJ. #303027  
 ...\\white\topping\INTERSECTION.dgn

PRIVATE AND FIELD ENTRANCES								
STATION	WIDTH	COMMENT	P.E. / F.E.	INCIDENTAL HMA SURF.	AGG. BASE CSE, TYB	AGG. SURFACE CSE, TYB	BIT. MAT. (PRIME COAT)	PCC DRIVEWAY PAVEMENT 8"
				TON	TON	TON	GALLON	SO YD
40+24 RT	16'	C. H. 18	P.E.			23.4		26.2
43+12 LT	24'	C. H. 18	F.E.			15.1		33.2
43+46 LT	24'	C. H. 18	F.E.					
535+38 LT	35'	IL RTE 121	P.E.	5.1	8.7	21.0	9.2	
537+24 LT	24'	IL RTE 121	F.E.			4.1		
538+29 LT	24'	IL RTE 121	F.E.			4.1		
547+94 LT	24'	IL RTE 121	F.E.			4.1		
549+16 LT	24'	IL RTE 121	F.E.			4.1		
TOTALS				5.1	8.7	75.9	9.2	59.4

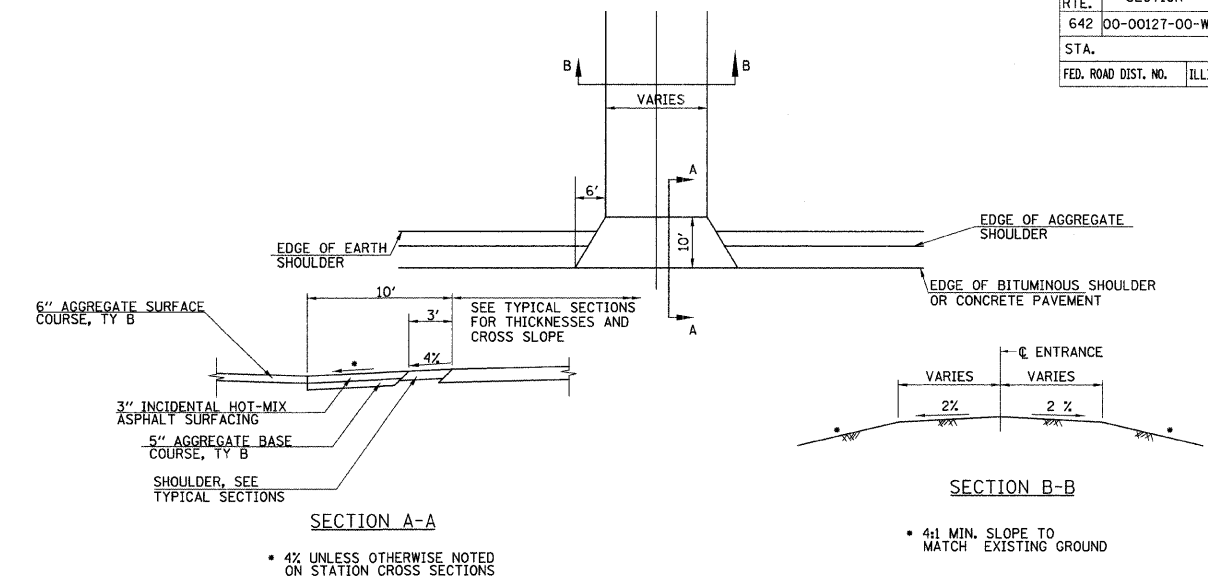
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



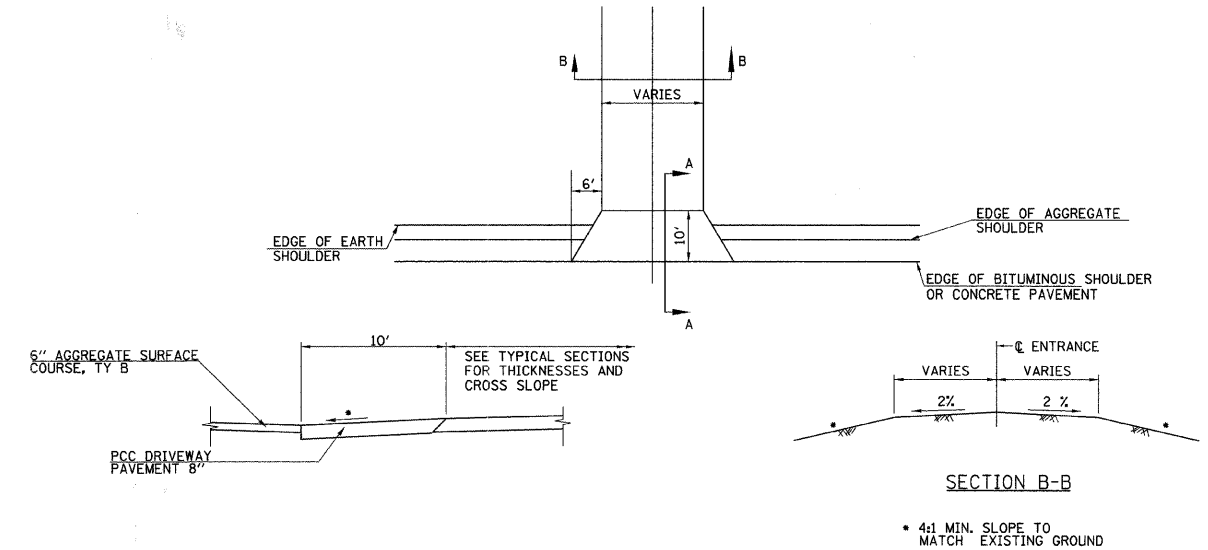
TYPICAL FIELD ENTRANCE DETAIL (IL 121)



TYPICAL FIELD ENTRANCE DETAIL (CH 18)



PRIVATE ENTRANCE DETAIL (IL 121 STA. 535+38)



PRIVATE ENTRANCE DETAIL (C.H. 18 STA. 40+24)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**ENTRANCE DETAILS**

SCALE: VERT. 1"=4'  
HORIZ. 1"=40'

DATE 02/28/2008

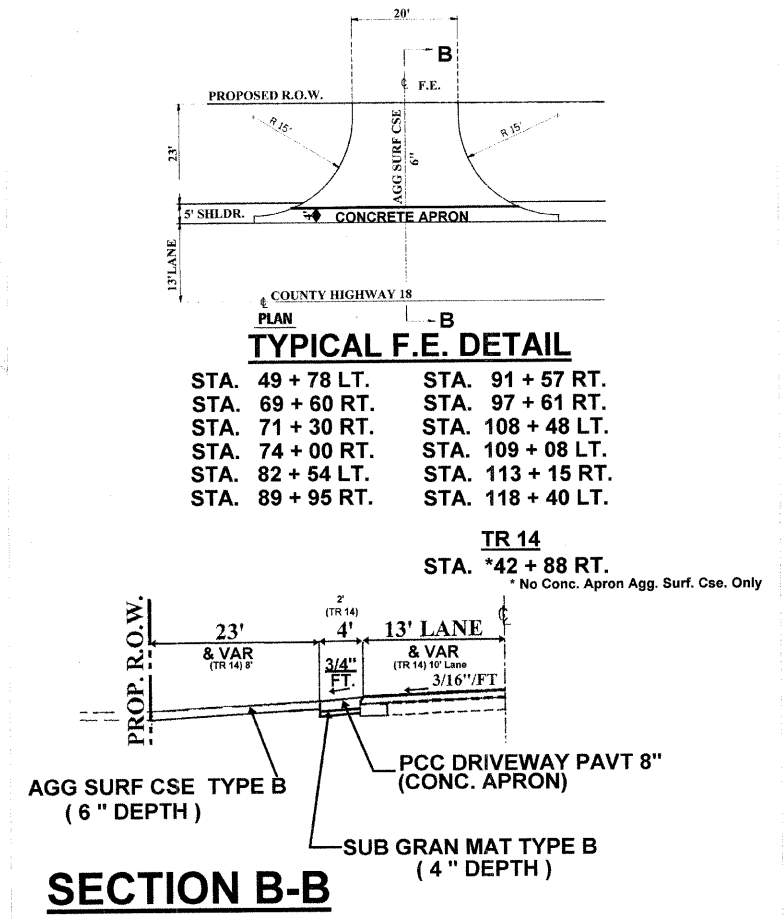
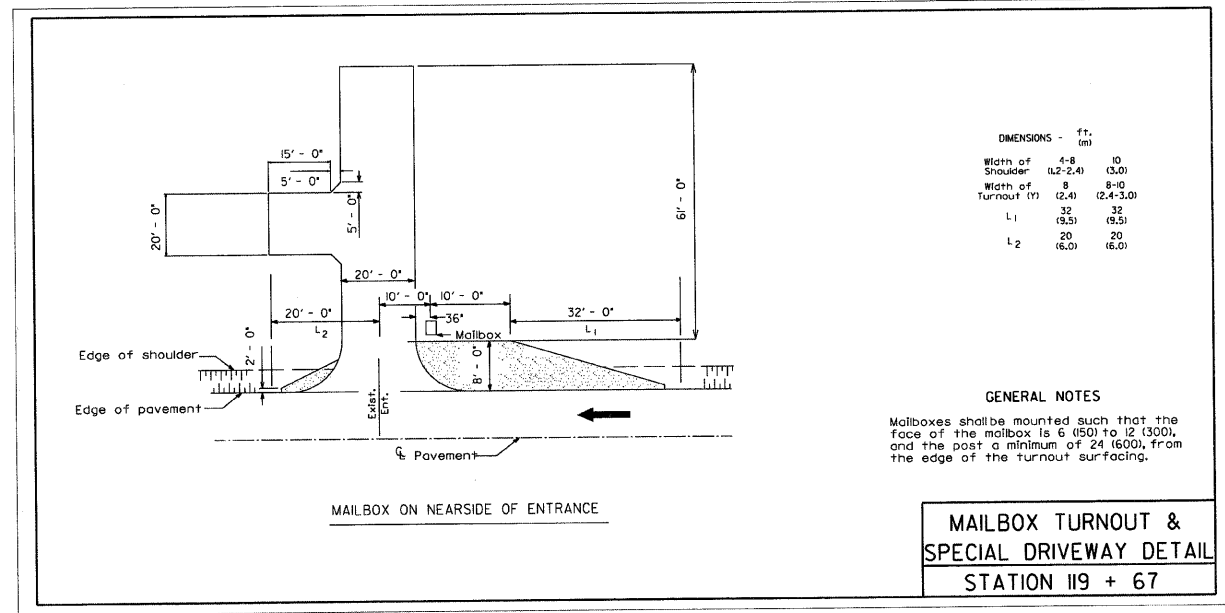
DRAWN BY SJF  
CHECKED BY MED

TUG PROJ. #303027  
.../WHITE/ODDING/SHEETDETAILS.GDP

ENTRANCES AND SIDE ROADS  
 STATION 46 + 00 A.H. THRU STATION 120 + 00

STATION	WIDTH	COMMENT	P.E. / F.E. OR SIDE ROAD	SUB-BASE GRAN. MAT. TY. B TON	PCC PAVEMENT 8" SQ YD	PCC DRIVEWAY PVT. 8" SQ YD	AGG. SURF. CSE. TY. B TON
---------	-------	---------	--------------------------------	--	-----------------------------	-------------------------------------	------------------------------------

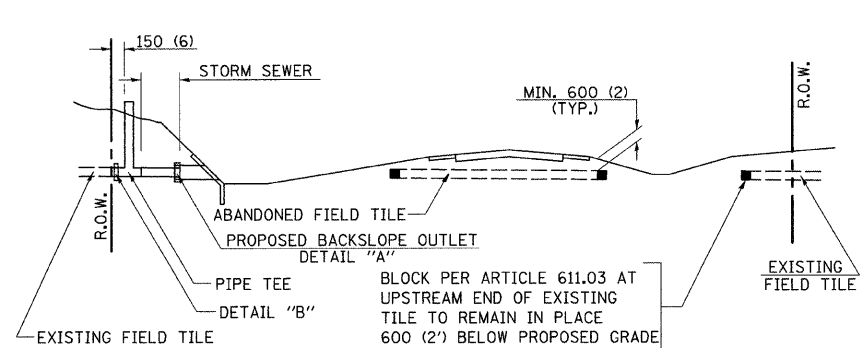
49 + 78 LT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
69 + 60 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
71 + 30 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
74 + 00 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
82 + 54 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
89 + 95 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
91 + 57 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
97 + 61 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
108 + 48 LT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
109 + 08 LT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
113 + 15 RT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
118 + 40 LT.	20'	C.H. 18	F.E.	6.0	N/A	16.4	20.0
119 + 67 LT.	20'	C.H. 18	* P.E.	58.0	N/A	231.2	N/A
42 + 88 RT.	20'	T.R. 14	F.E.	N/A	N/A	N/A	10.0
TR 14	20'	APRON	Side Road	10.0	31.1	N/A	N/A
TR 14 A	14'	APRON	Side Road	11.0	34.6	N/A	27.0
				TOTAL = 151.0	TOTAL = 65.7	TOTAL = 428.0	TOTAL = 277.0





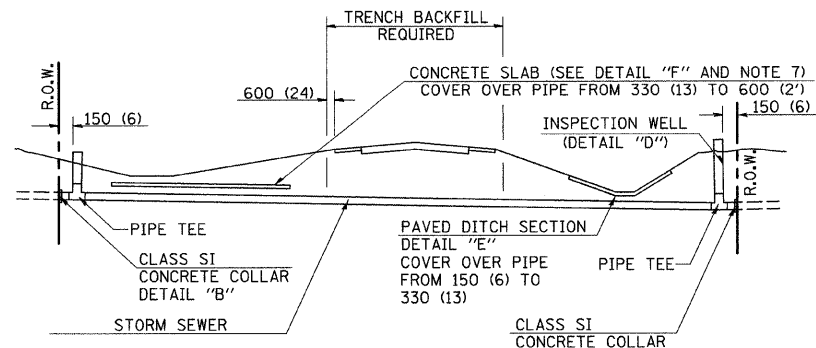
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

### DETAIL FOR TREATMENT OF EXISTING FIELD TILE SYSTEMS



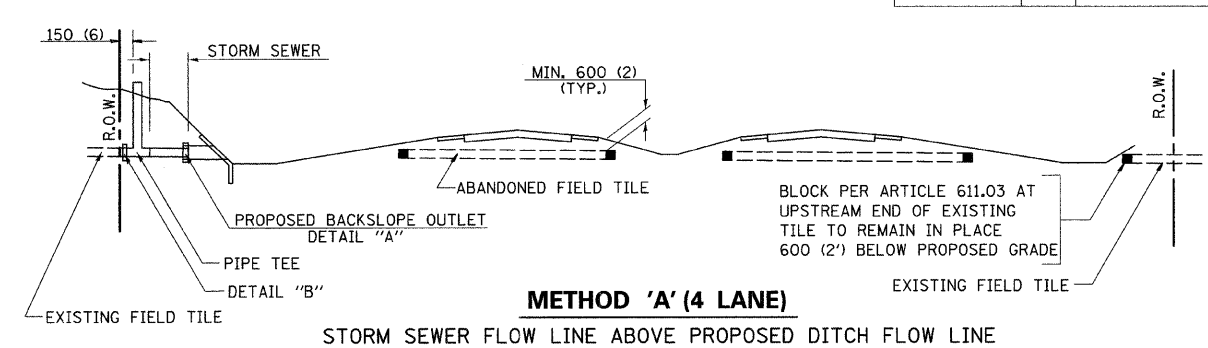
**METHOD 'A' (2 LANE)**

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



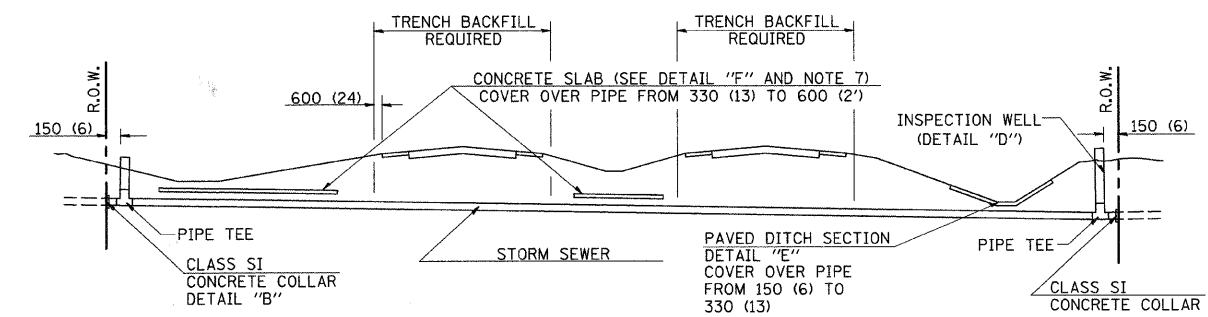
**METHOD 'B' (2 LANE)**

STORM SEWER LESS THAN 600 (2') BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



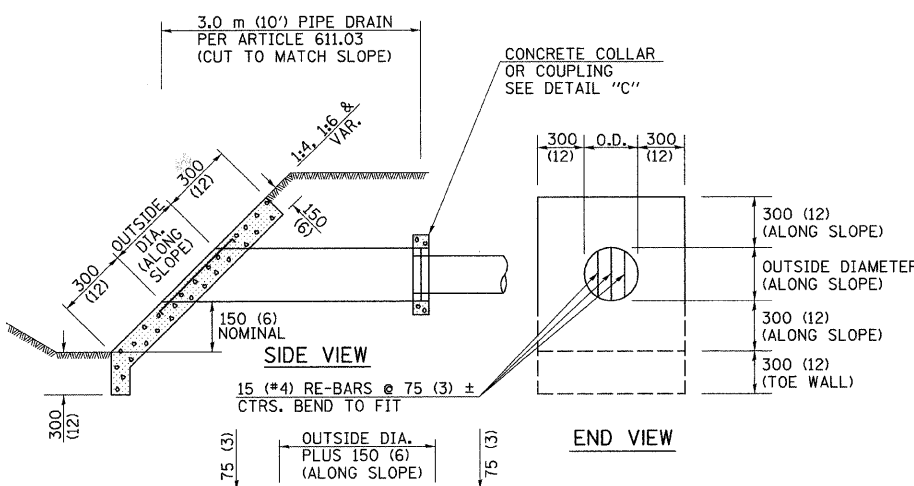
**METHOD 'A' (4 LANE)**

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



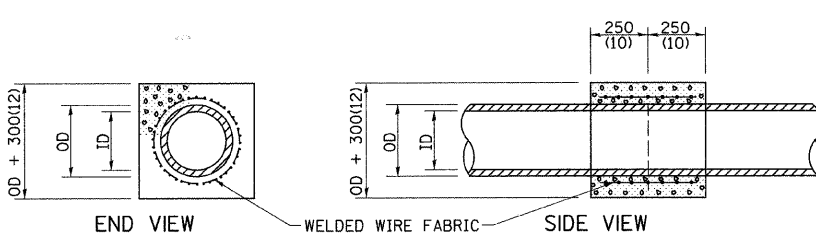
**METHOD 'B' (4 LANE)**

STORM SEWER LESS THAN 600 (2') BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES

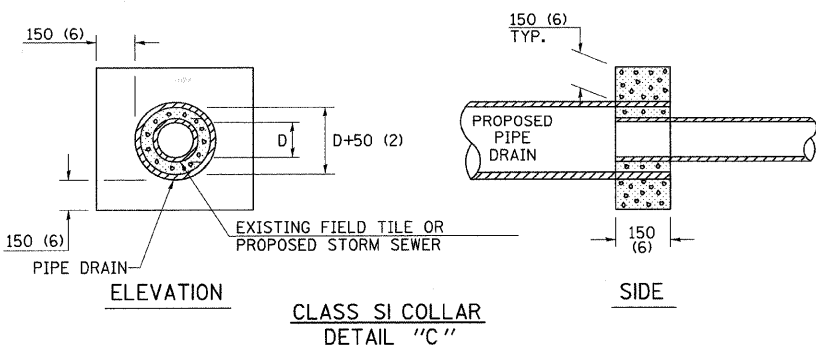


**DETAIL OF RE-BARS**

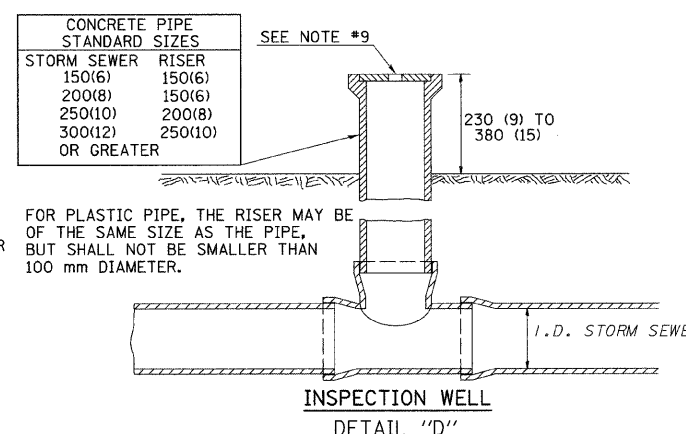
**HEADWALL FOR BACKSLOPE OUTLET - DETAIL 'A'**



**CONCRETE COLLAR DETAIL 'B'**



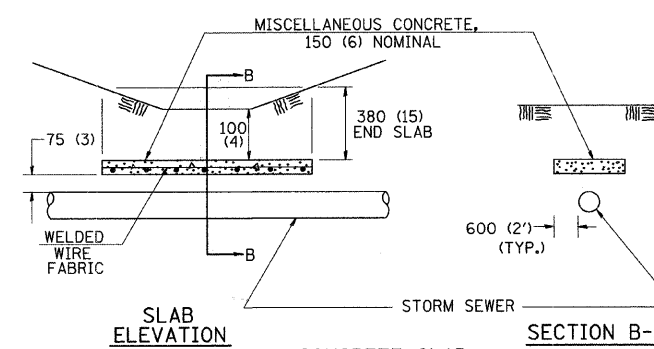
**CLASS SI COLLAR DETAIL 'C'**



**INSPECTION WELL DETAIL 'D'**

**GENERAL NOTES :**

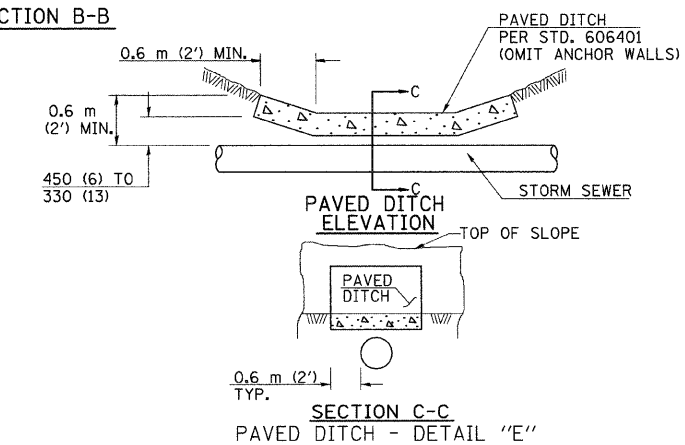
- EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
- ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
- INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 150 (6) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
- EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
- NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
- THE 150 (6) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 600 (2) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
- ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
- HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 250 (10). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
- THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 10 (3/8) CAST IRON AND PROVIDED WITH A 25 (1) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.



**SLAB ELEVATION**

**CONCRETE SLAB DETAIL 'F'**

**SECTION B-B**



**PAVED DITCH ELEVATION**

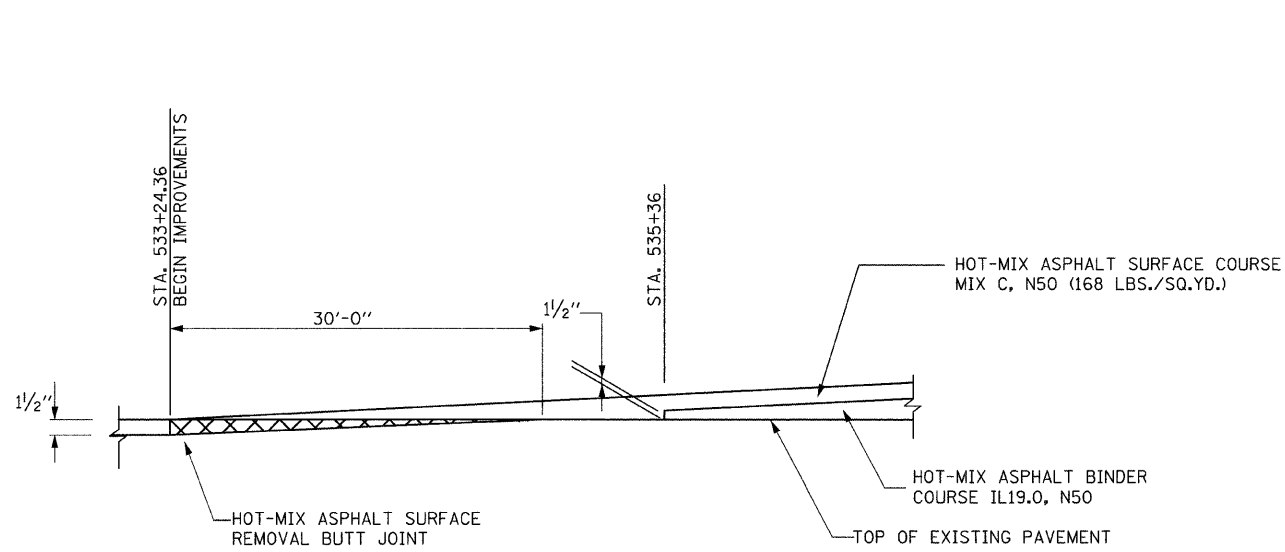
**SECTION C-C PAVED DITCH - DETAIL 'E'**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p align="center"><b>FIELD TILE REPAIR DETAIL</b></p> <p>SCALE: VERT. HORIZ. DATE 02/28/2008</p> <p>DRAWN BY S.JF CHECKED BY MED</p>

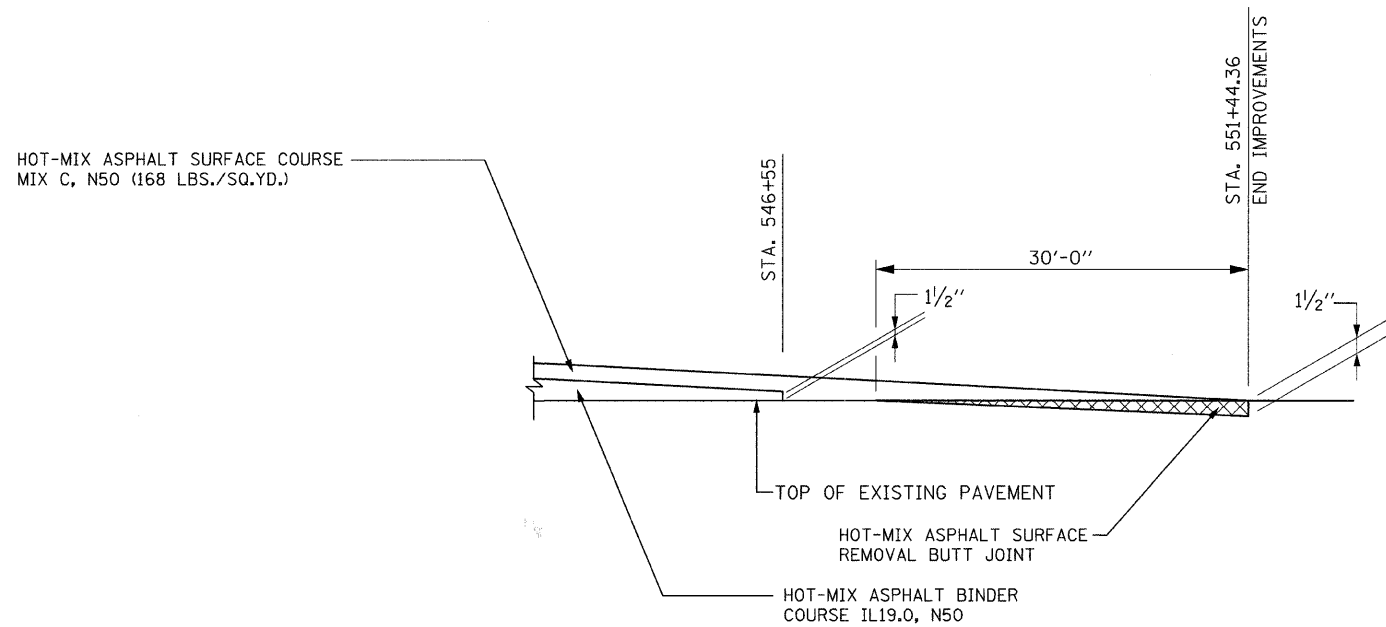
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SPECIFIED.

TUG PROJ. #3103027 ...\\nteropping\sheet\detailed\...

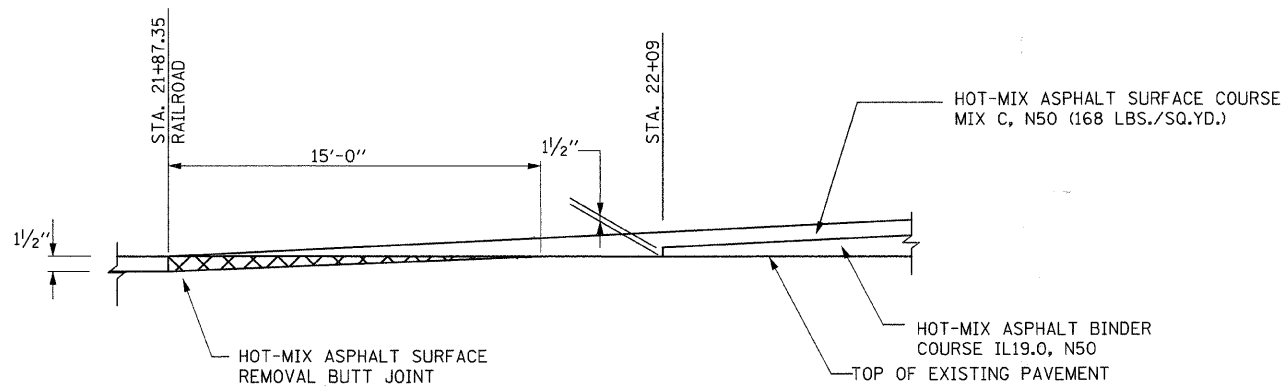
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



**BUTT JOINT DETAIL STA. 533+24.36 IL 121**



**BUTT JOINT DETAIL STA. 551+44.36 IL 121**



**BUTT JOINT DETAIL STA. 21+87.35 C.H. 18**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**BUTT JOINT DETAILS**

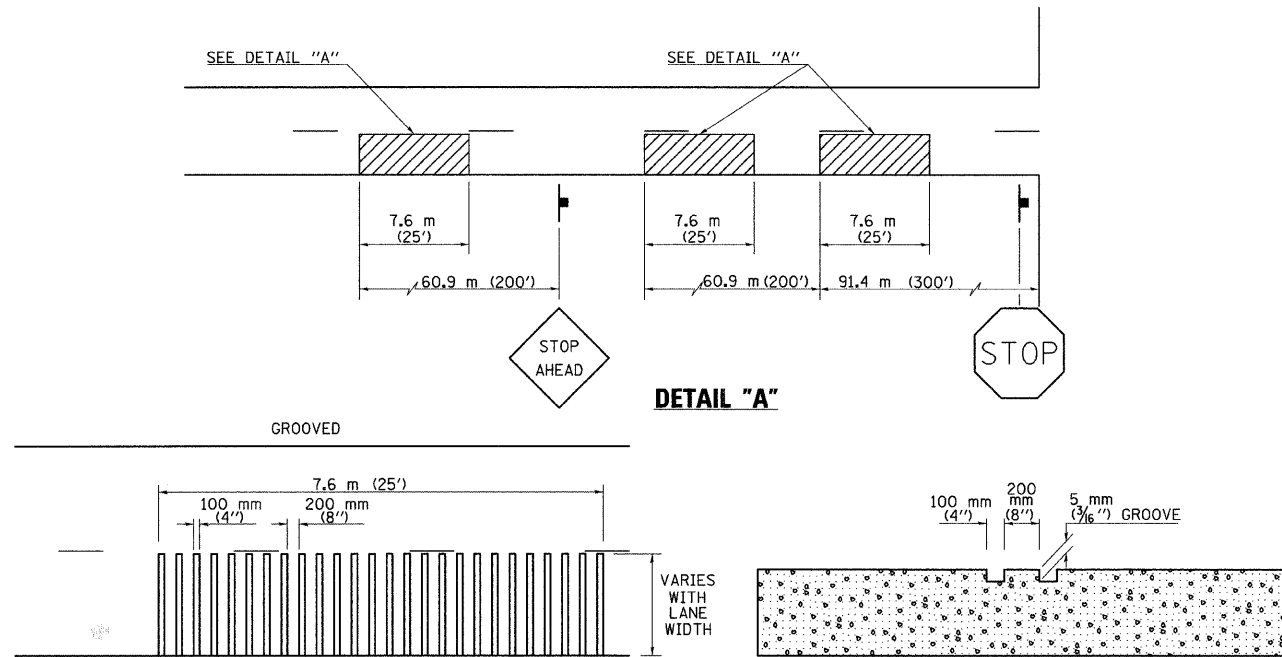
SCALE: VERT.  
HORIZ.  
DATE 02/28/2008

DRAWN BY SJF  
CHECKED BY MED

TUG PROJ. #303027  
...\\WHITEPOND\DESIGN\SHEETDETAILS.GRD

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

### TYPICAL RUMBLE STRIP APPLICATION IN ADVANCE OF AN INTERSECTION



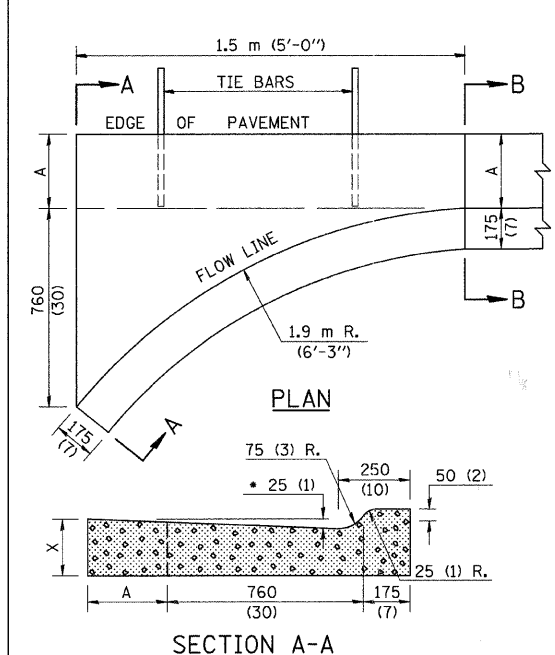
DETAIL "A"

GENERAL NOTES

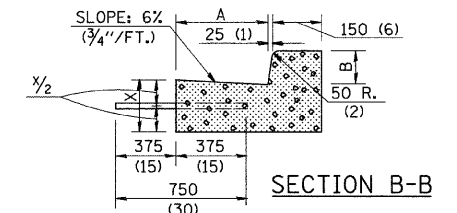
- All dimensions are in meters (feet) unless otherwise shown.
- All grooves shall be constructed using a 100 mm (4") milling head or series of 100 mm (4") milling heads capable of cutting to the specified depth or any variable depth.
- This work will be measured for payment per each 7.6 m (25') individual rumble strip applied and paid for at the contract unit price each for RUMBLE STRIP, which price shall include all equipment, material, labor and other items required to install each individual rumble strip.

NAME	DATE	REVISIONS	
DESIGNED	TJB	11-2000	
CHECKED			
CADD NO.	C-2.12		

### DETAIL OF SPECIAL INLET FOR COMBINATION CONCRETE CURB AND GUTTER (BARRIER CURB)



SECTION A-A



SECTION B-B

\* NOTE: INCREASE TO 50 mm (2") WHERE IN THE PLANS IT IS SPECIFIED THAT THESE SPECIAL INLETS ARE TO BE CONSTRUCTED AS OUTLETS. ALL OUTLET LOCATIONS WILL BE CONFIRMED BY THE ENGINEER.

CONVERSION	B-15.30 (B-6.12)	B-22.30 (B-9.12)	B-15.45 (B-6.18)	B-22.45 (B-9.18)	B-15.60 (B-6.24)	B-22.60 (B-9.24)
150 mm = (6")	300	300	300	300	450	450
225 mm = (9")	150	150	225	225	150	150
250 mm = (10")	225	250	225	250	225	225
300 mm = (12")	225	250	225	250	225	250
450 mm = (18")	0.28	0.32	0.29	0.32	0.34	0.37
600 mm = (24")	0.28	0.32	0.29	0.32	0.34	0.37
(CU. YDS.)	(0.37)	(0.42)	(0.38)	(0.42)	(0.44)	(0.49)
(CU. YDS.)	(0.37)	(0.42)	(0.38)	(0.42)	(0.44)	(0.49)
(CU. YDS.)	(0.37)	(0.42)	(0.38)	(0.42)	(0.44)	(0.49)

GENERAL NOTES

- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- TIE BARS SHALL BE NO. 20 (NO. 6) AT 600 mm (24") CENTERS UNLESS OTHERWISE SHOWN. SPECIAL INLETS AND OUTLETS SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
- TIE BARS SHOWN ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL TO CLASS SI CONCRETE OUTLETS.
- WHEN SPECIAL INLET IS CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE TIE BARS SHALL BE OMITTED AND ALL CONSTRUCTION JOINTS SHALL BE PROVIDED WITH A DOWELL BAR CONFORMING TO ARTICLE 1006.11(b) [(706.11(b))].
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER m<sup>3</sup> (CU. YD.) FOR CLASS SI CONCRETE (OUTLETS) WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

All dimensions are in millimeters (inches) unless otherwise shown.

NAME	DATE	REVISIONS	
DESIGNED	J.H.M.	6/88	
CHECKED	P.E.K.	6/88	
CADD NO.	A-2.01		

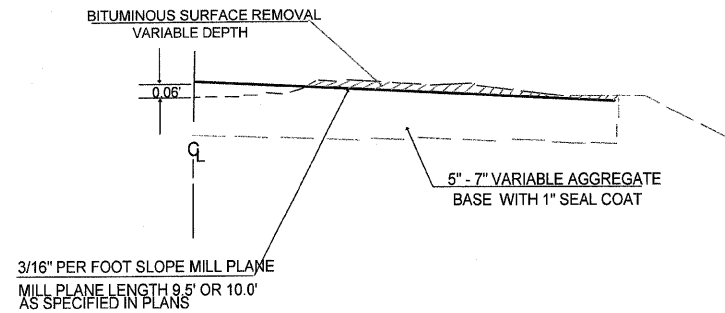
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETAILS

SCALE: VERT. DATE 02/28/2008 DRAWN BY SJF CHECKED BY MED

TUC PROJ #3103027 \\ntre\topping\sheet\DETAILS.dgn

# MISCELLANEOUS DETAILS

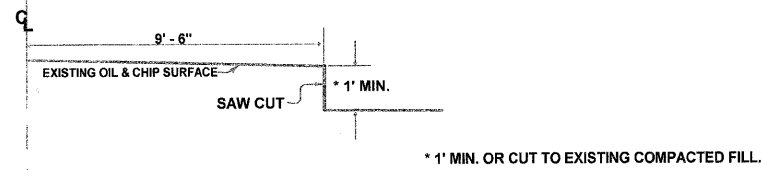
## DETAIL OF BITUMINOUS SURFACE REMOVAL



### \* GENERAL NOTES \*

THIS SECTION SHALL CONSIST OF AN OVERLAY OF P.C.C. PAVEMENT.  
 THE BITUMINOUS SURFACE REMOVAL SHALL BE DONE TO THE GRADE AND PROFILE SPECIFIED ON THE PLANS OR BY THE ENGINEER.  
 ANY OVER MILLING/REMOVAL IN DEPTH OF EXISTING SURFACE RESULTING IN INCREASED PROPOSED CONCRETE VOLUME SHALL BE AT THE EXPENSE OF THE CONTRACTOR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.  
 THE BITUMINOUS SURFACE REMOVAL MATERIAL, AT THE CONTRACTOR'S EXPENSE BY A MEANS AGREEABLE TO THE ENGINEER, MAY BE INCORPORATED WITHIN THE WIDENING/SHOULDER EMBANKMENT UNDER A MINIMUM OF 6" OF EMBANKMENT.

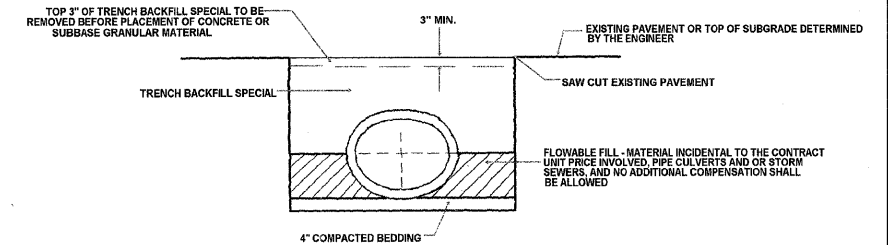
## EARTH EXCAVATION (WIDENING) 20200500



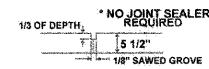
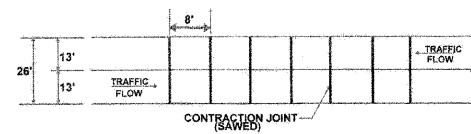
### GENERAL NOTES

1. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU. YD. FOR EARTH EXCAVATION (WIDENING) WHICH PRICE SHALL INCLUDE ANY ADDITIONAL DEPTH (\* 1" MIN. OR CUT TO EXISTING COMPACTED FILL), ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

## CONTROLLED LOW-STRENGTH MATERIAL Z0013825



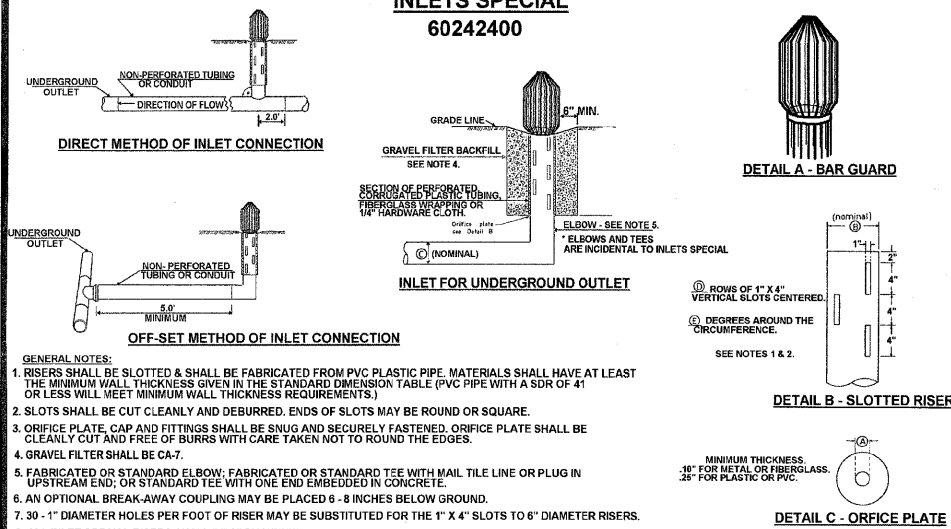
## DETAIL OF SAWED CONTRACTION JOINT 8" SPACING 5 1/2" PCC C.H. 18



LOCATION:  
 C.H. 18 STA. 46+00 - 120+00

GENERAL NOTES:  
 1. THIS WORK WILL BE INCLUDED AND INCIDENTAL TO THE CONTRACT UNIT PRICE PER SQ. YD. FOR PORTLAND CEMENT CONCRETE PAVEMENT 5 1/2" WHICH SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## INLETS SPECIAL 60242400

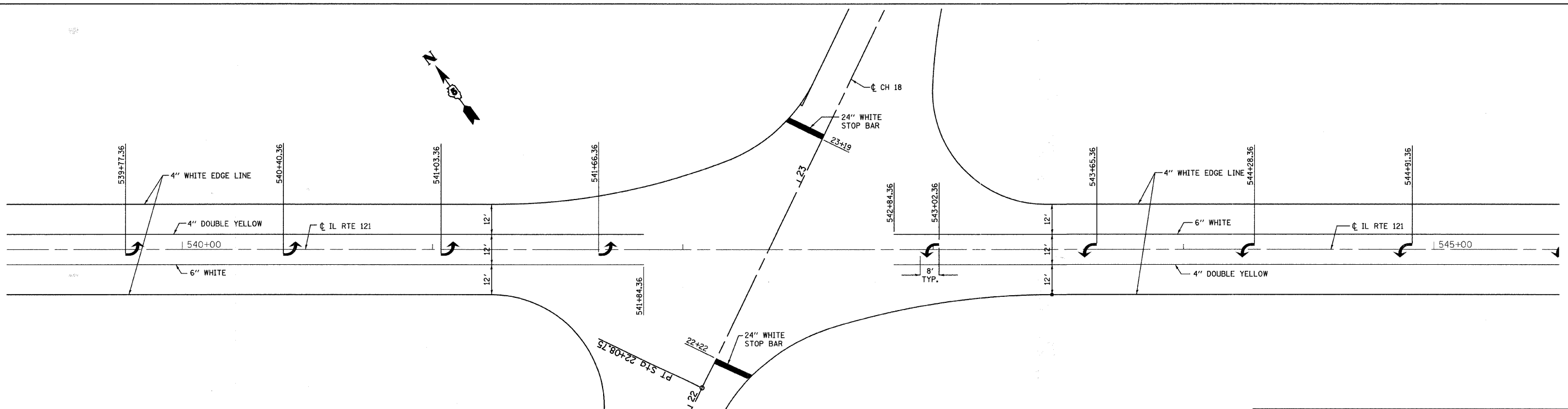
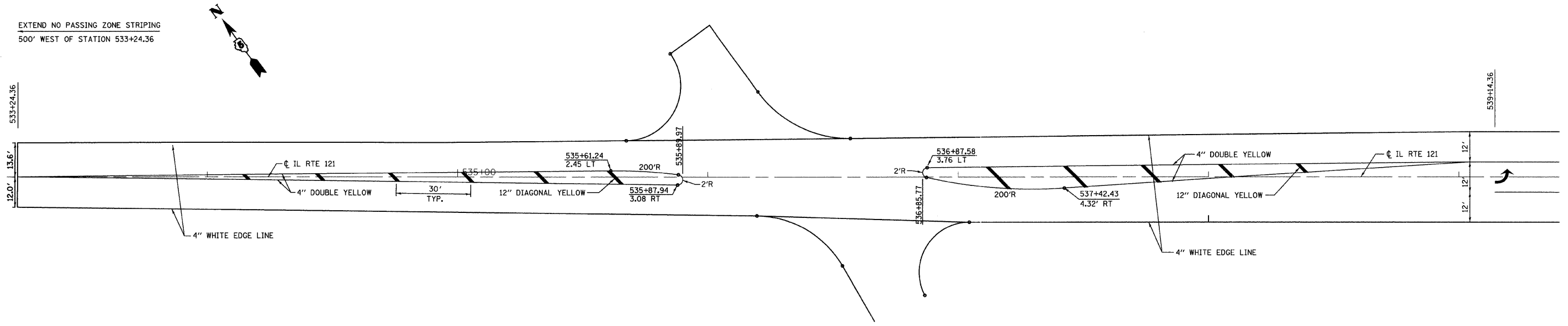


- GENERAL NOTES:
- RISERS SHALL BE SLOTTED & SHALL BE FABRICATED FROM PVC PLASTIC PIPE. MATERIALS SHALL HAVE AT LEAST THE MINIMUM WALL THICKNESS GIVEN IN THE STANDARD DIMENSION TABLE (PVC PIPE WITH A SDR OF 41 OR LESS WILL MEET MINIMUM WALL THICKNESS REQUIREMENTS).
  - SLOTS SHALL BE CUT CLEANLY AND DEBURRED. ENDS OF SLOTS MAY BE ROUND OR SQUARE.
  - ORIFICE PLATE, CAP AND FITTINGS SHALL BE SNUG AND SECURELY FASTENED. ORIFICE PLATE SHALL BE CLEANLY CUT AND FREE OF BURRS WITH CARE TAKEN NOT TO ROUND THE EDGES.
  - GRAVEL FILTER SHALL BE CA-7.
  - FABRICATED OR STANDARD ELBOW; FABRICATED OR STANDARD TEE WITH MAIL TILE LINE OR PLUG IN UPSTREAM END; OR STANDARD TEE WITH ONE END EMBEDDED IN CONCRETE.
  - AN OPTIONAL BREAK-AWAY COUPLING MAY BE PLACED 6 - 8 INCHES BELOW GROUND.
  - 30 - 1" DIAMETER HOLES PER FOOT OF RISER MAY BE SUBSTITUTED FOR THE 1" X 4" SLOTS TO 6" DIAMETER RISERS.
  - ALL INLET SPECIAL RISERS SHALL BE 6" DIAMETER.
  - ORIFICE PLATE (DETAIL C) SHALL BE USED ONLY WHEN THE STORM SEWER CLASS B OUTLET IS OF A DIAMETER OF 4".
  - THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR INLETS SPECIAL INCLUDING ALL LABOR AND MATERIAL (TEES, ELBOWS, ORIFICES, BAR GUARDS, GRAVEL FILTER, AND RISER WRAP) AS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

STANDARD DIMENSION TABLE				
(A)	(B)	(C)	(D)	(E)
(INCHES)	(INCHES)	(INCHES)	(ROWS)	(DEG)
3.5	5	4	4	90
				MIN. WALL THICKNESS PVC (INCHES)
				.15

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXTEND NO PASSING ZONE STRIPING  
500' WEST OF STATION 533+24.36

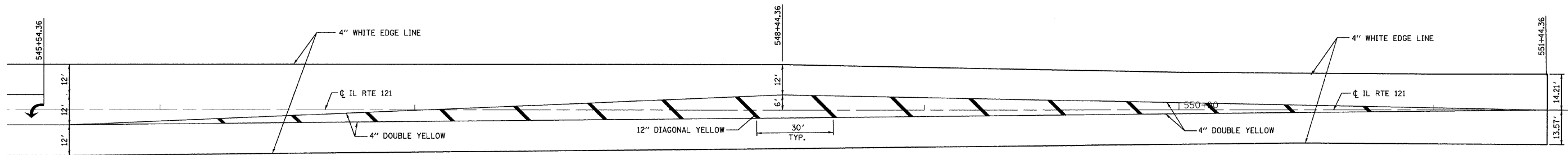


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
SCALE: VERT. 1"=20'  
DATE 02/28/2008  
DRAWN BY SJF  
CHECKED BY MED

TUG PROJ. #3103027  
...WHITESTOPPING.SHEETPLN.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXTEND NO PASSING ZONE STRIPING  
500' EAST OF STATION 551+44.36

TUG PROJ. #3/03027  
...\\white\topping\sheet\pml59d

REVISIONS	
NAME	DATE

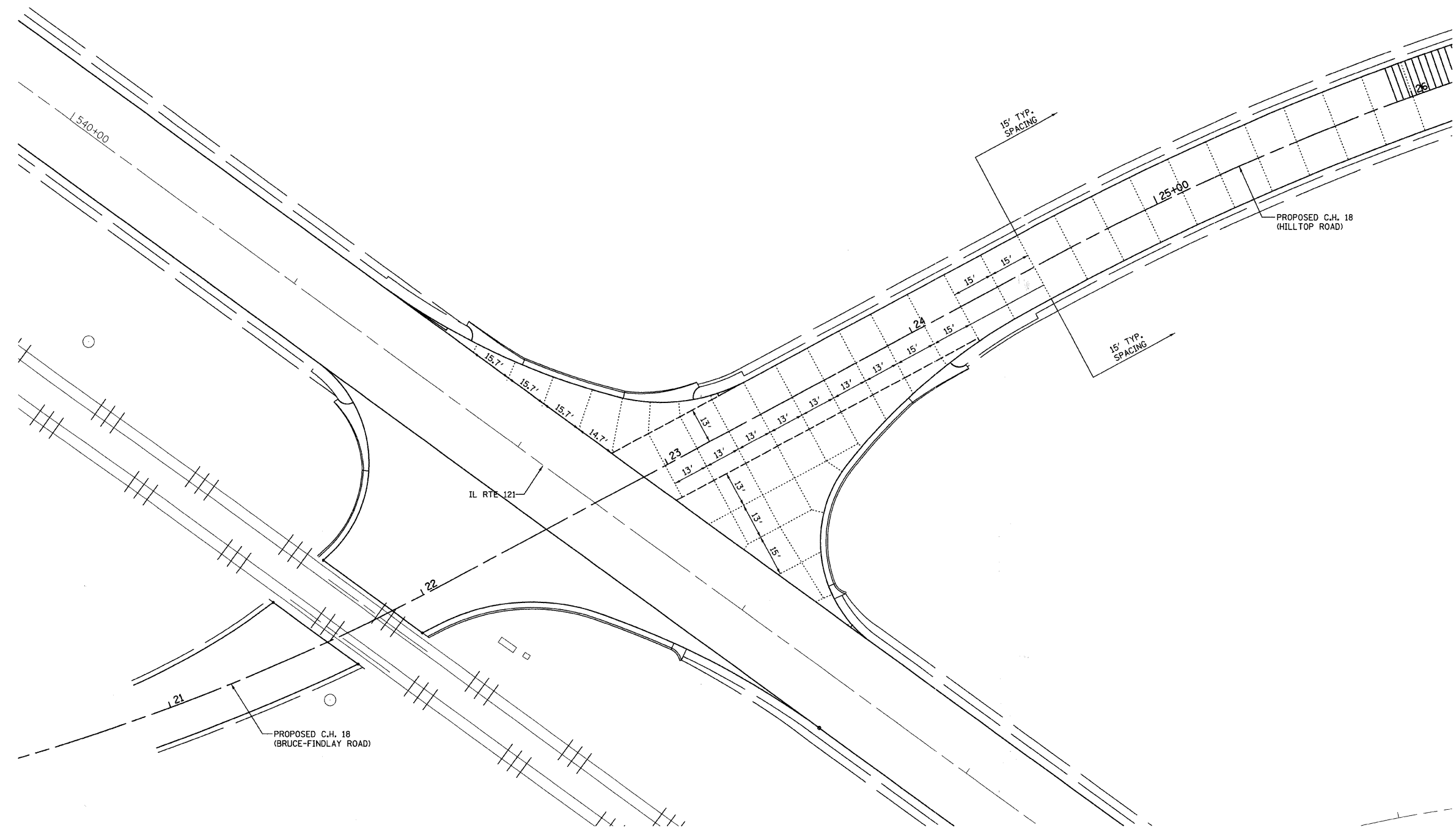
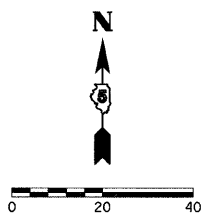
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING PLAN**

SCALE: VERT. 1"=20'  
HORIZ. 1"=20'  
DATE 02/28/2008

DRAWN BY SJF  
CHECKED BY MED

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	55
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

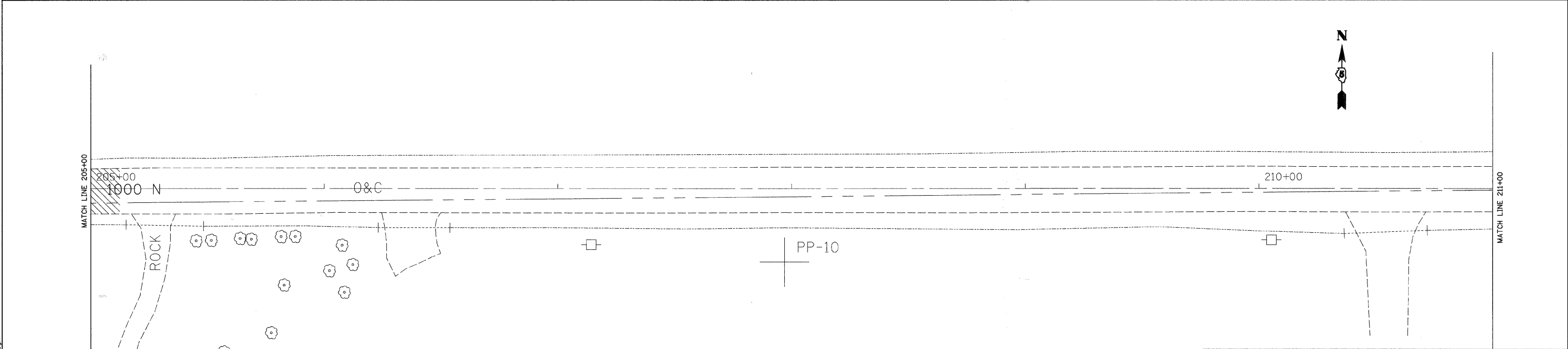
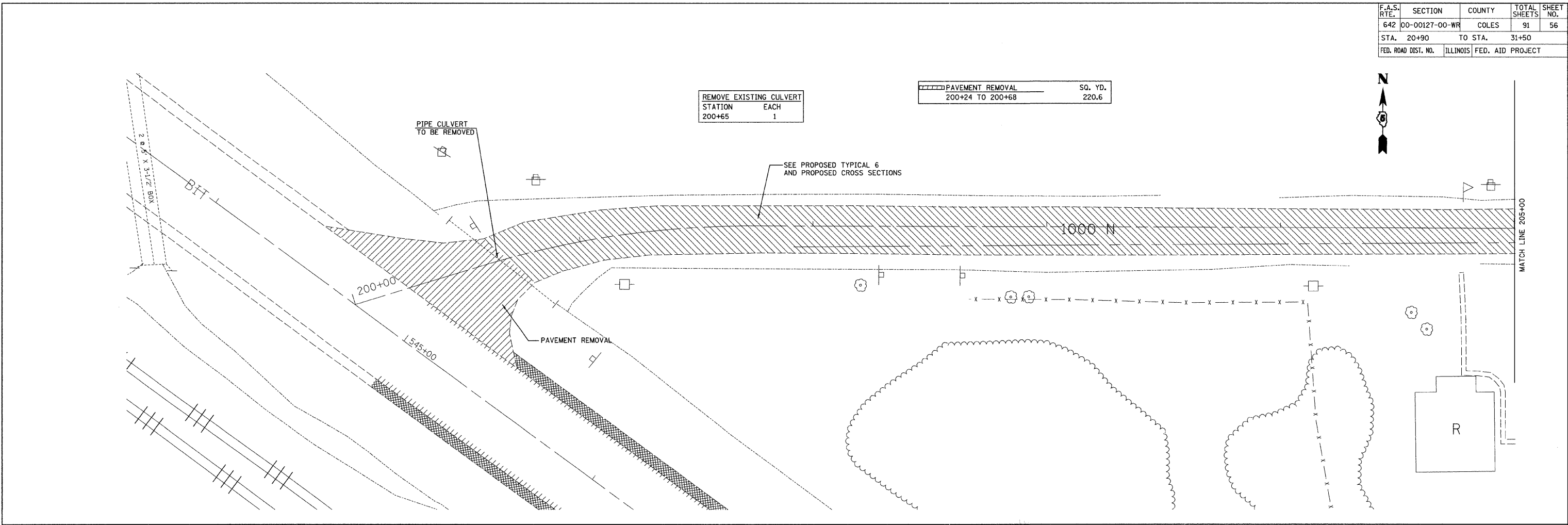
### JOINTING PLAN

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE 02/28/2008

DRAWN BY RLH  
 CHECKED BY MED

TUC PROJ. #3103027  
 ...\\hitre\topping\sheet\tr.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	56
STA. 20+90	TO STA. 31+50			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REMOVE EXISTING CULVERT	STATION	EACH
	200+65	1

PAVEMENT REMOVAL	SO. YD.
200+24 TO 200+68	220.6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**REMOVAL PLAN**

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'

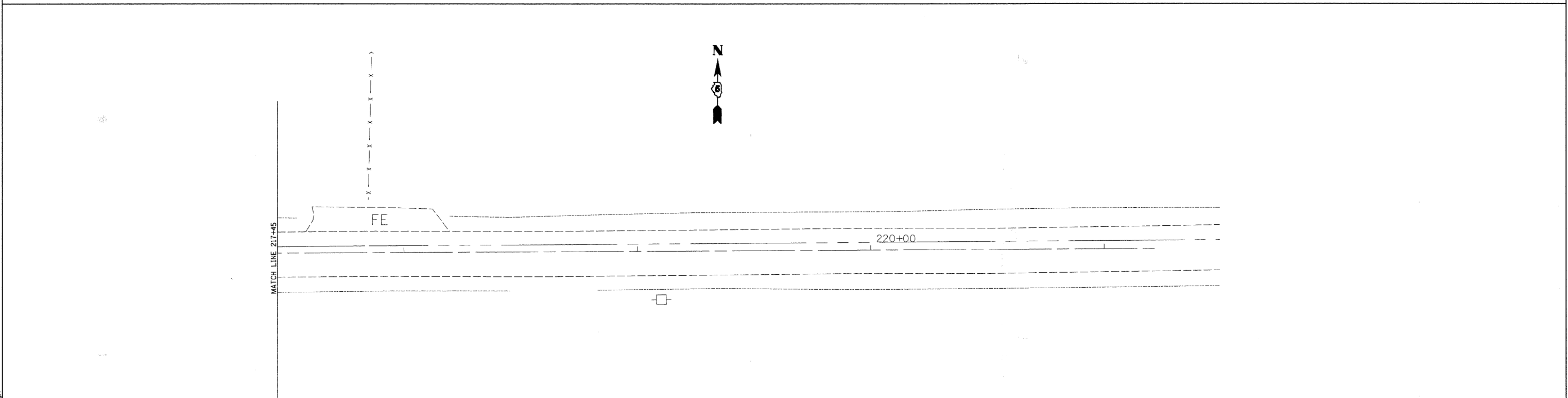
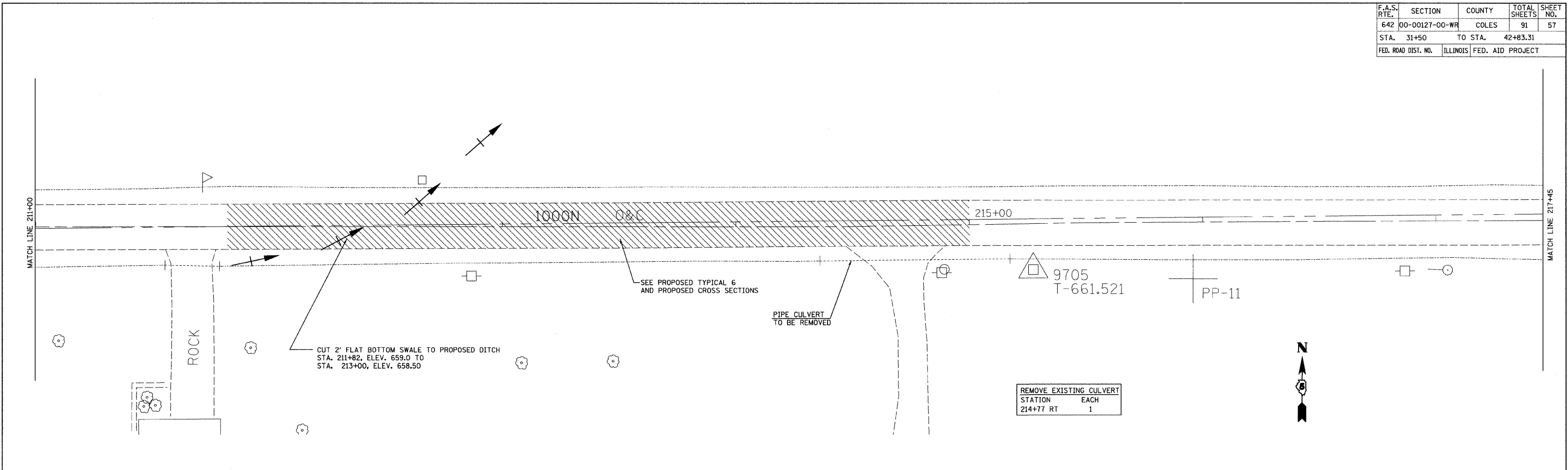
DATE 02/28/2008

DRAWN BY RLH  
 CHECKED BY MED

TUG PROJ. #3103027  
 ...whitefopping\sheetremoval.dgn



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	57
STA. 31+50	TO STA. 42+83.31			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**REMOVAL PLAN**

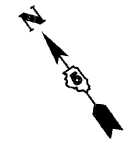
SCALE: VERT. 1"=20'  
HORIZ. 1"=20'

DATE 02/28/2008

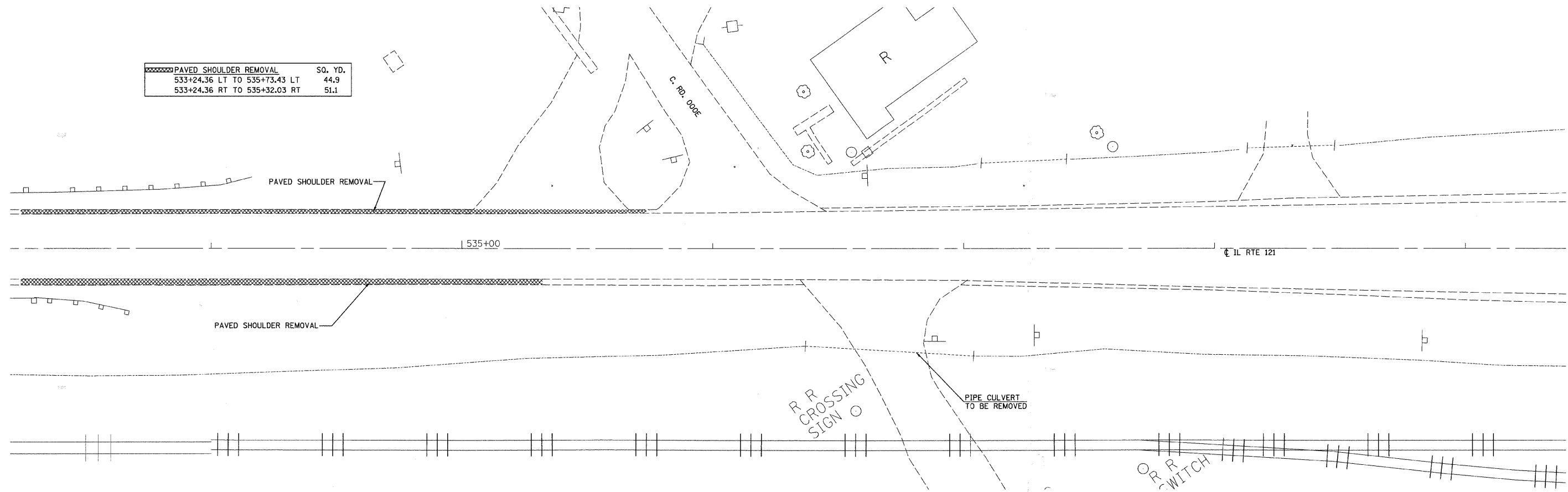
DRAWN BY RLH  
CHECKED BY MED

TUG PROJ. #303027  
...\\whitepbl\p\shoetremoval.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	58
STA. 533+24.36		TO STA.		539+30
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PAVED SHOULDER REMOVAL	SQ. YD.
533+24.36 LT TO 535+73.43 LT	44.9
533+24.36 RT TO 535+32.03 RT	51.1



REMOVE EXISTING CULVERT	EACH
STATION 536+70 RT	1

REVISIONS	
NAME	DATE

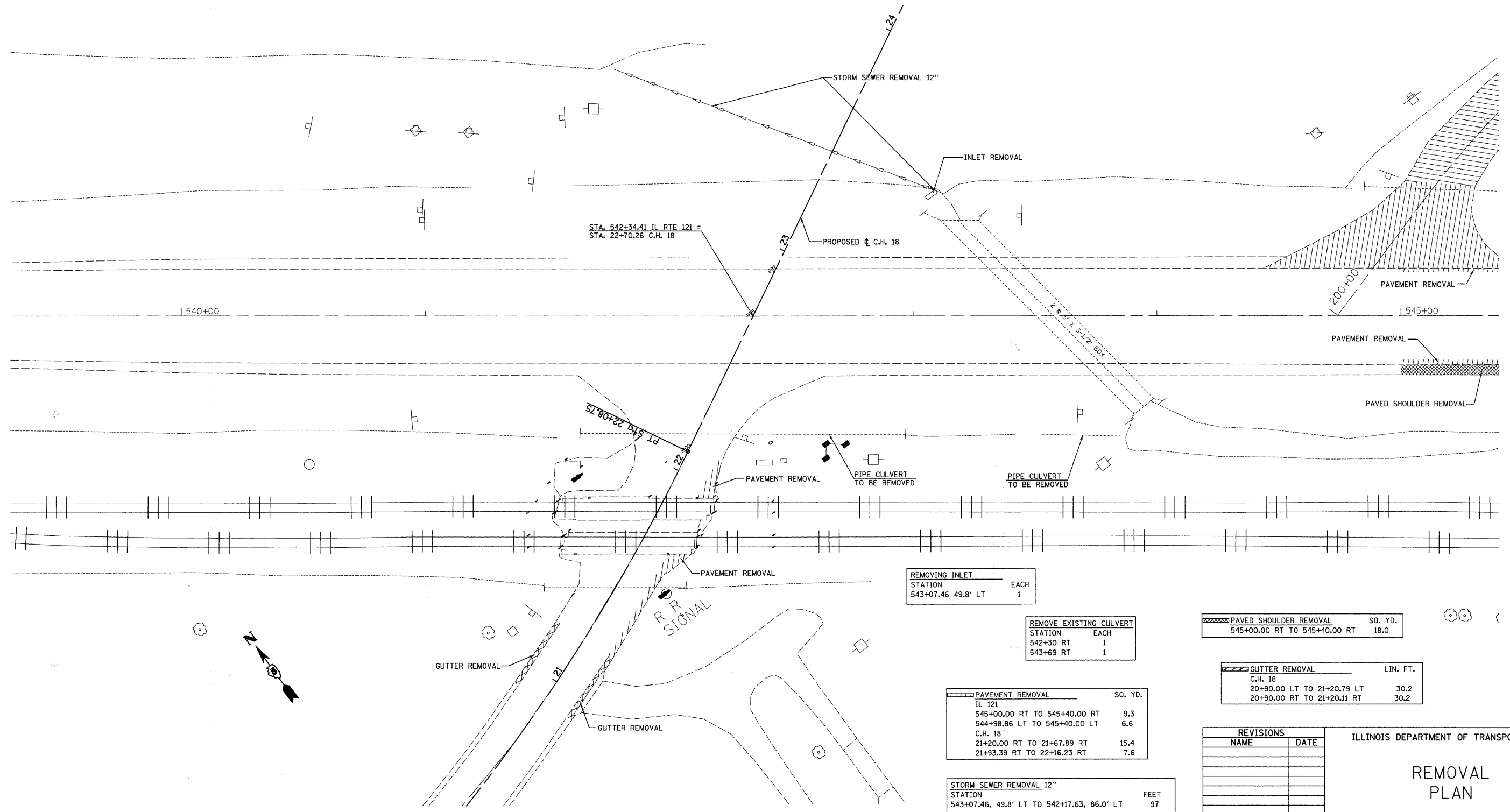
ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE 02/28/2008  
 DRAWN BY RLH  
 CHECKED BY MED

TUG PROJ. #3103027  
 ...\\hitetopping\sheetremoval.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	59
STA. 539+30		TO STA. 545+40		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REMOVING INLET		
STATION		EACH
543+07.46	49.8' LT	1

REMOVE EXISTING CULVERT		
STATION		EACH
542+30	RT	1
543+69	RT	1

PAVED SHOULDER REMOVAL		
STATION		SQ. YD.
545+00.00	RT TO 545+40.00 RT	18.0

GUTTER REMOVAL		
C.H. 18		LIN. FT.
20+90.00	LT TO 21+20.79 LT	30.2
20+90.00	RT TO 21+20.11 RT	30.2

PAVEMENT REMOVAL		
STATION		SQ. YD.
IL 121		
545+00.00	RT TO 545+40.00 RT	9.3
544+98.86	LT TO 545+40.00 LT	6.6
C.H. 18		
21+20.00	RT TO 21+67.89 RT	15.4
21+93.39	RT TO 22+16.23 RT	7.6

STORM SEWER REMOVAL 12"		
STATION		FEET
543+07.46,	49.8' LT TO 542+17.63,	86.0' LT
		97

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

## REMOVAL PLAN

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE 02/28/2008

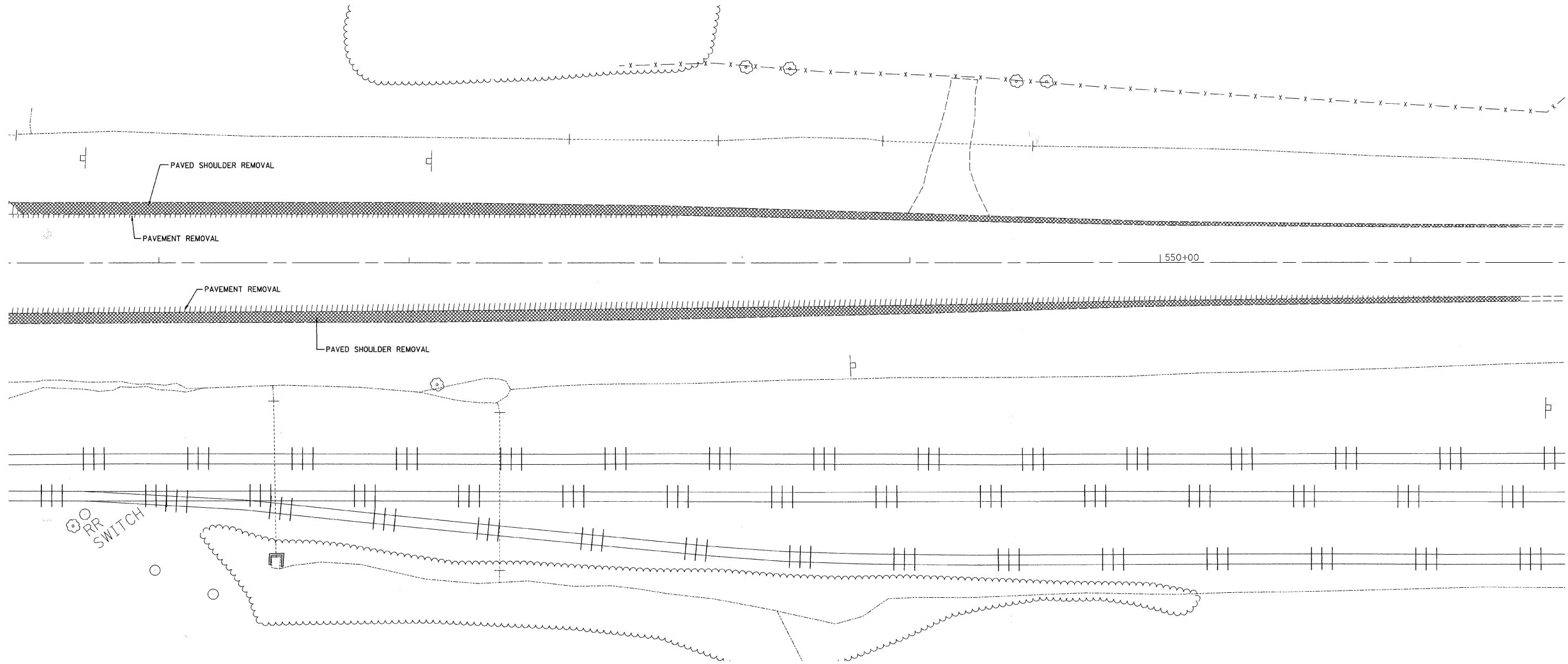
DRAWN BY RLH  
 CHECKED BY MED

TUC PROJ. #3103027  
 ..\white\topping\sheet\removal.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	60
STA. 545+40		TO STA. 551+44.36		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PAVED SHOULDER REMOVAL	SQ. YD.
545+40.00 RT TO 551+44.00 RT	230.9
545+45.50 LT TO 551+44.00 LT	202.6

PAVEMENT REMOVAL	SQ. YD.
545+40.00 RT TO 551+44.00 RT	140.4
545+40.00 LT TO 548+07.00 LT	39.0



TUG PROJ. #3103027  
...white\topp\eng\sheetremoval.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

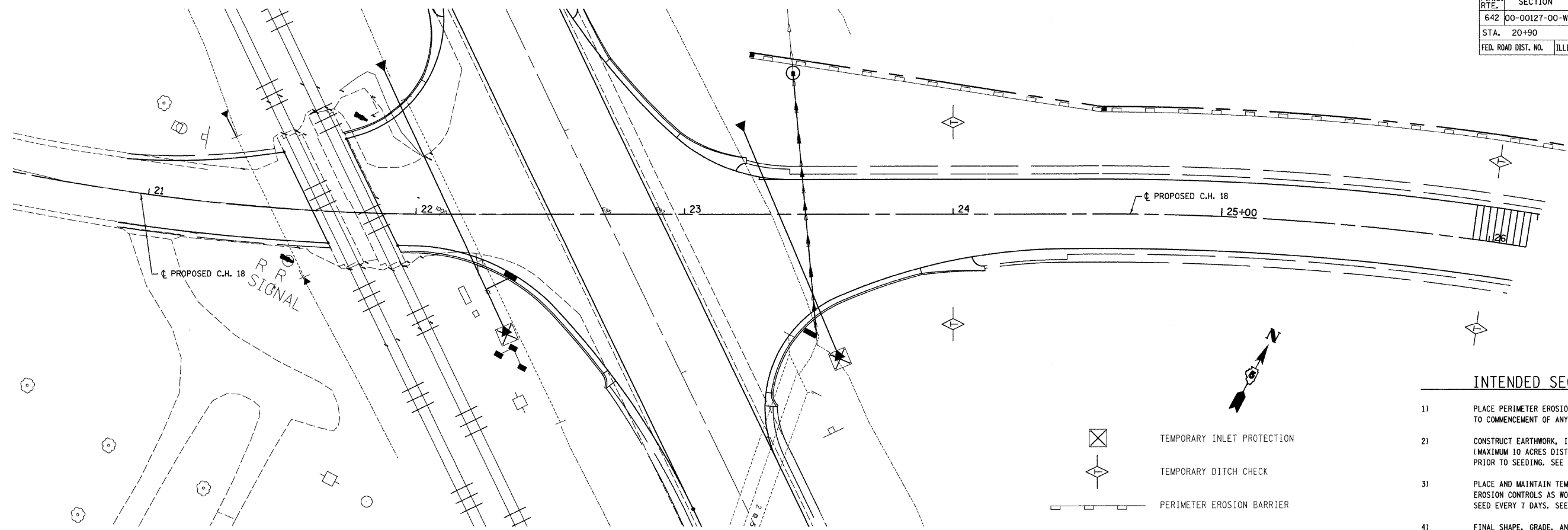
**REMOVAL PLAN**

SCALE: VERT. 1"=20'  
HORIZ. 1"=20'

DATE 02/28/2008

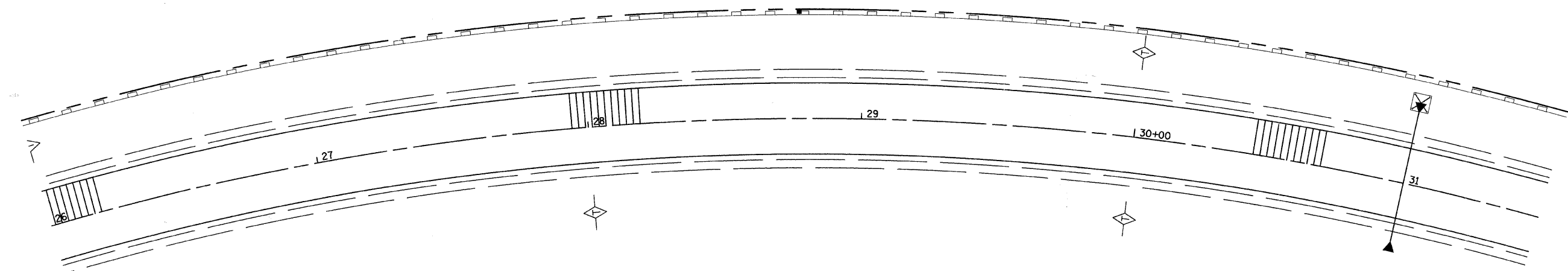
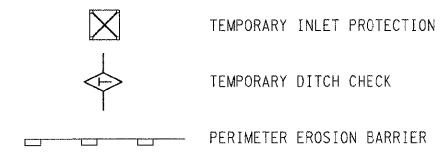
DRAWN BY RLH  
CHECKED BY MED

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	61
STA. 20+90	TO STA. 31+50			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



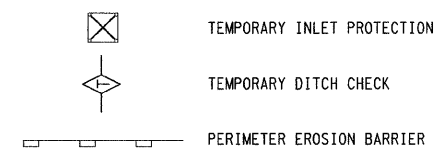
**INTENDED SEQUENCE**

- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.



**INTENDED SEQUENCE**

- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

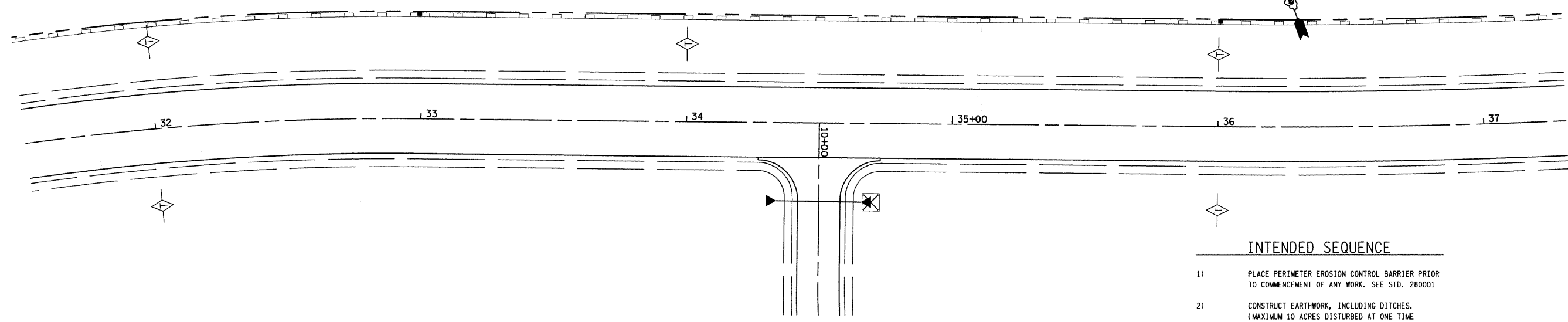
**EROSION CONTROL PLAN**

SCALE: VERT. 1"=20'  
HORIZ. 1"=20'  
DATE 02/28/2008

DRAWN BY RLH  
CHECKED BY MED



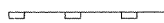
TUG PROJ. #303027  
...white\topping\sheet\erosion.dgn

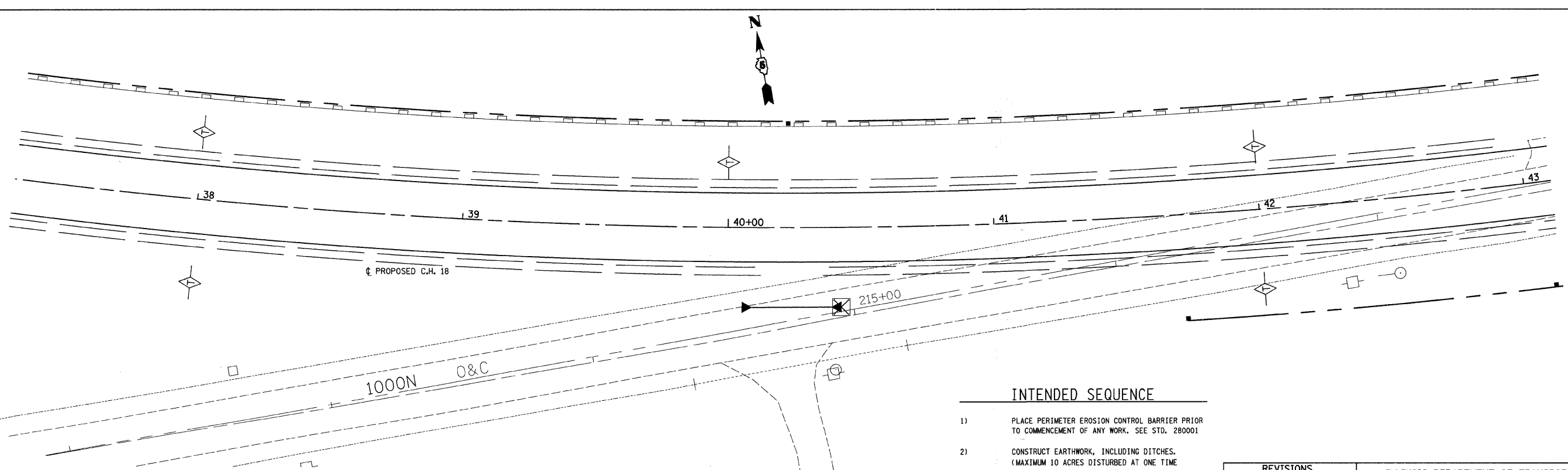
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	62
STA. 31+50	TO STA. 42+83.31			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**INTENDED SEQUENCE**



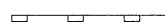
- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.

-  TEMPORARY INLET PROTECTION
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER



**INTENDED SEQUENCE**

- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.

-  TEMPORARY INLET PROTECTION
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN**

SCALE: VERT. 1"=20'  
HORIZ. 1"=20'  
DATE 02/28/2008

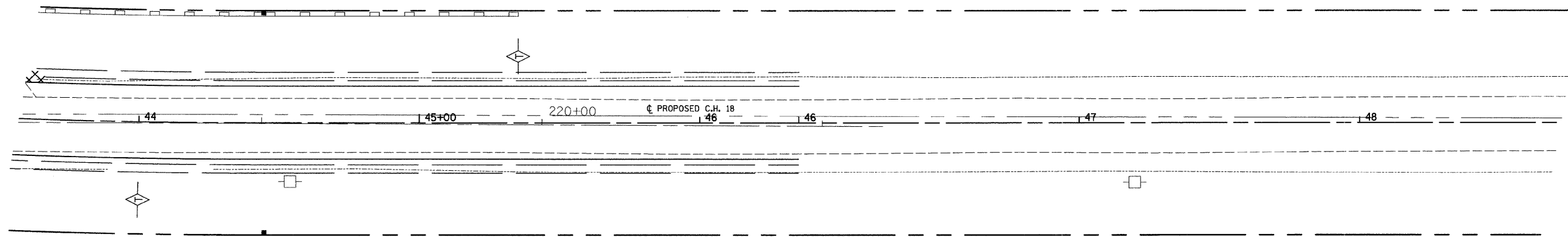
DRAWN BY RLH  
CHECKED BY MED



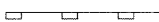
TUG PROJ. #303027  
...whitefopping...sheeterosion.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	63
STA. 42+83.31		TO STA. 48+71.60		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INTENDED SEQUENCE

- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.



-  TEMPORARY INLET PROTECTION
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN

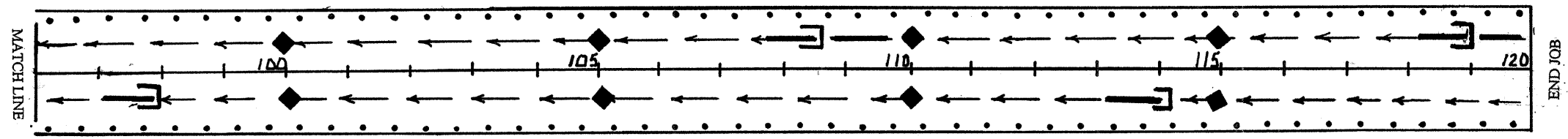
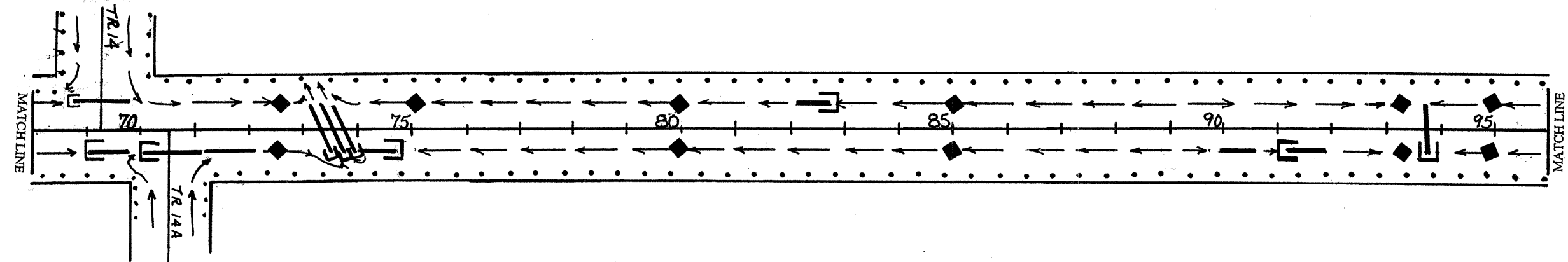
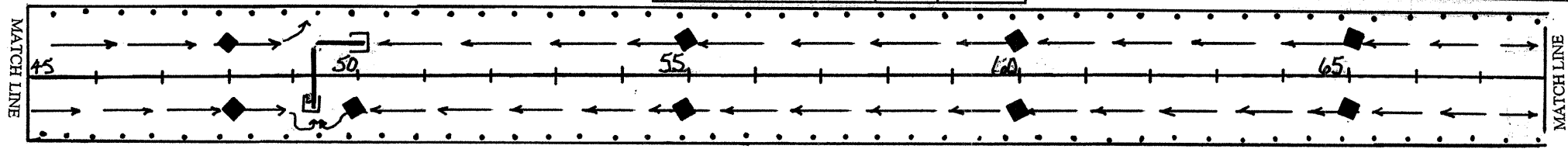
SCALE: VERT.      DRAWN BY   RLH  
 HORIZ. 1"=20'  
 DATE 02/28/2008      CHECKED BY   MED

TUC PROJ. #3/03027  
 ...\\ntre\toppling\sheet\erosion.dgn

**\* DRAWING NOT TO SCALE \***

TEMPORARY EROSION CONTROL BILL OF MATERIALS	UNIT	QUANTITY
TEMPORARY DITCH CHECK	EACH	28
INLET AND PIPE PROTECTION	EACH	16

**COLES COUNTY**  
 SEC: 00-00127-00-WR C.H. 18 / FAS 642  
 CONTRACT # 95457  
 TOTAL SHEETS 91 SHEET # 64



**INTENDED SEQUENCE**

- CONSTRUCTION OF ROADWAY EMBANKMENT.
- PLACEMENT OF TEMPORARY DITCH CHECKS.
- CONSTRUCTION OF ACROSS ROAD CULVERTS.
- PLACEMENT OF INLET AND PIPE PROTECTION.
- CONSTRUCTION OF WIDENING AND AGGREGATE SHOULDERS.
- REMOVAL AND PROPER CLEAN UP OF TEMPORARY EROSION CONTROL DEVICES.
- PERMANENT STABILIZATION - PERMANENT SEEDING TO ALL AREAS DISTURBED BY CONSTRUCTION.

**GENERAL NOTES:**  
 1. SEE SPECIAL PROVISIONS  
 2. SEE STANDARD 280001-02

INLET AND PIPE PROTECTION			TEMPORARY DITCH CHECKS		
STA.	C.H. 18 O/S	QUANTITY	STA.	C.H. 18 O/S	QUANTITY
49+44	RT.	1 EACH	48+00	LT. & RT.	2 EACH
49+93	LT.	1 EACH	50+00	RT.	1 EACH
69+00	LT.	1 EACH	55+00	LT. & RT.	2 EACH
69+71	RT.	1 EACH	60+00	LT. & RT.	2 EACH
70+25	RT.	1 EACH	65+00	LT. & RT.	2 EACH
73+42.25	RT.	1 EACH	72+50	LT. & RT.	2 EACH
73+49.5	RT.	1 EACH	75+00	LT.	1 EACH
73+56.75	RT.	1 EACH	80+00	LT. & RT.	2 EACH
74+17	RT.	1 EACH	85+00	LT. & RT.	2 EACH
82+69	LT.	1 EACH	93+50	LT. & RT.	2 EACH
91+42	RT.	1 EACH	95+00	LT. & RT.	2 EACH
93+79	RT.	1 EACH	100+00	LT. & RT.	2 EACH
97+76	RT.	1 EACH	105+00	LT. & RT.	2 EACH
108+99	LT.	1 EACH	110+00	LT. & RT.	2 EACH
113+00	RT.	1 EACH	115+00	LT. & RT.	2 EACH
118+40	LT.	1 EACH			
TOTAL = 16 EACH			TOTAL = 28 EACH		

**PERMANENT EROSION CONTROL**  
 SEEDING CLASS 2 SPECIAL WITH FERTILIZER AND MULCH

**TEMPORARY EROSION CONTROL**  
 TEMPORARY DITCH CHECK  
 INLET AND PIPE PROTECTION  
 FLOW LINE

**EROSION CONTROL PLAN**

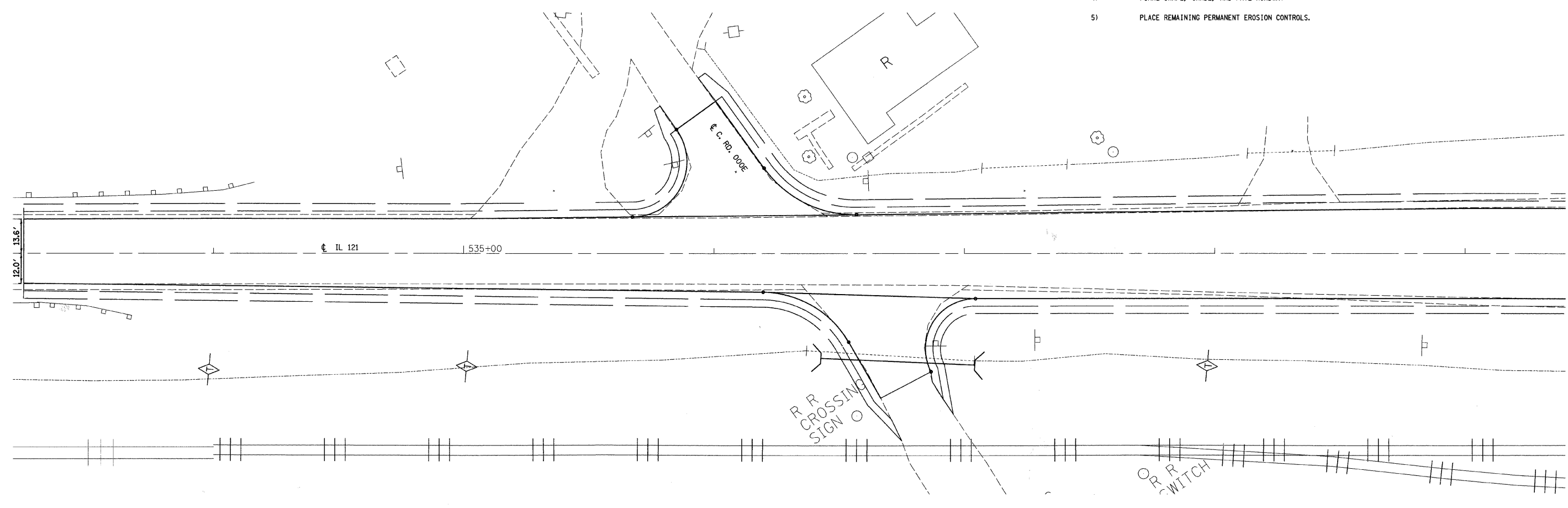
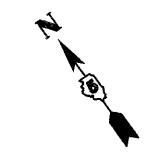
SECTION 00-00127-00-WR



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	65
STA. 533+24.36		TO STA. 539+30		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**INTENDED SEQUENCE**

- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.



- TEMPORARY INLET PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN**

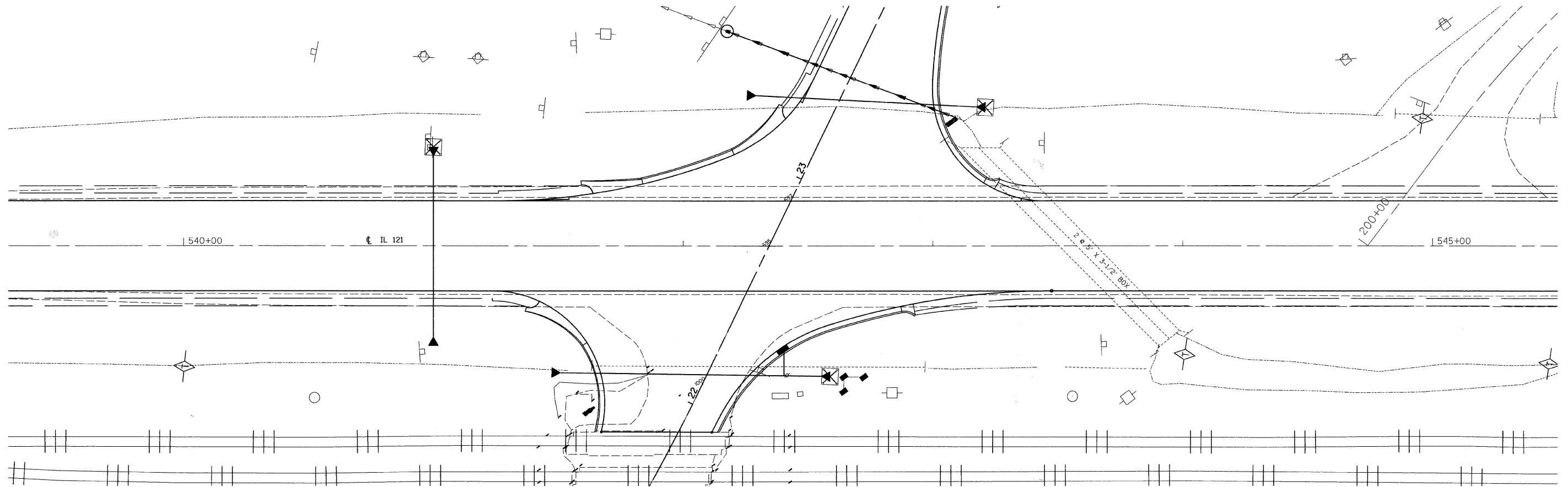
SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE 02/28/2008  
 DRAWN BY RLH  
 CHECKED BY MED

TUG PROJ. #303027  
 ...\\ntf\topp\ng\sheater\erosion.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	66
STA. 539+30		TO STA. 545+40		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**INTENDED SEQUENCE**

- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.



- TEMPORARY INLET PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN**

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE 02/28/2008

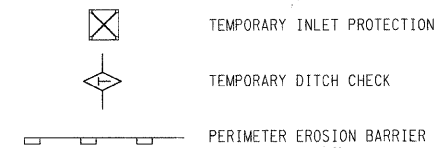
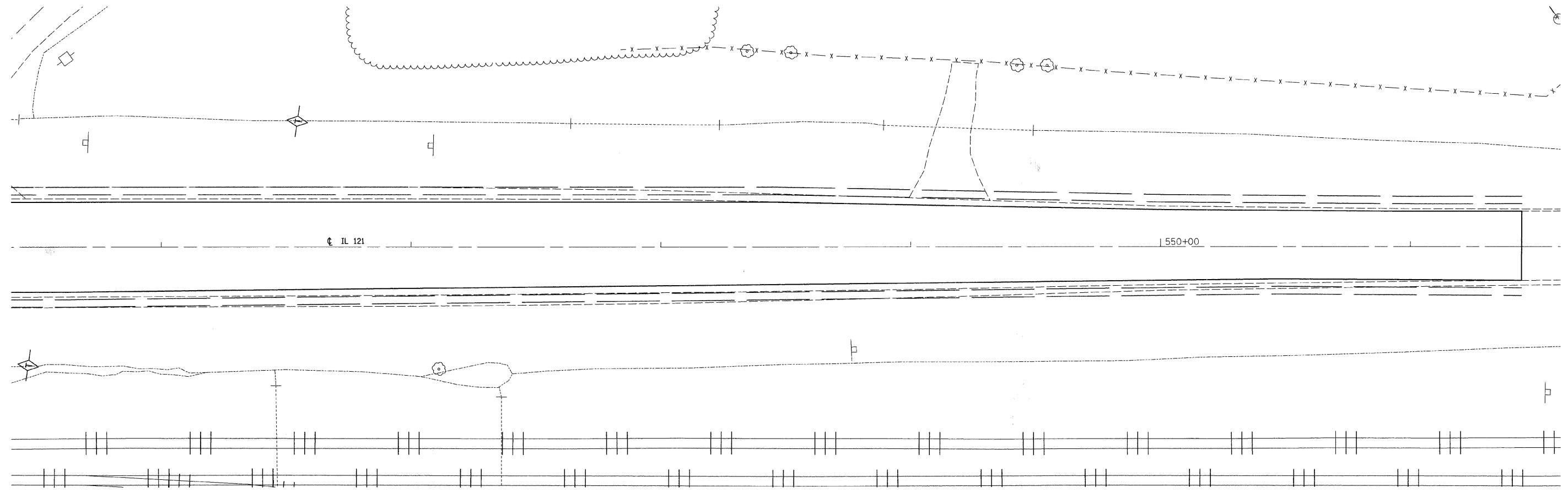
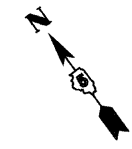
DRAWN BY RLH  
 CHECKED BY MED

TUC PROJ. #3103027  
 ...whitefopping\_sheeterosion.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	00-00127-00-WR	COLES	91	67
STA. 545+40		TO STA. 551+44.36		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**INTENDED SEQUENCE**

- 1) PLACE PERIMETER EROSION CONTROL BARRIER PRIOR TO COMMENCEMENT OF ANY WORK. SEE STD. 280001
- 2) CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280)
- 3) PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280
- 4) FINAL SHAPE, GRADE, AND PAVE ROADWAY
- 5) PLACE REMAINING PERMANENT EROSION CONTROLS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN**

SCALE: VERT. 1"=20'  
 HORIZ. 1"=20'  
 DATE: 02/27/2008

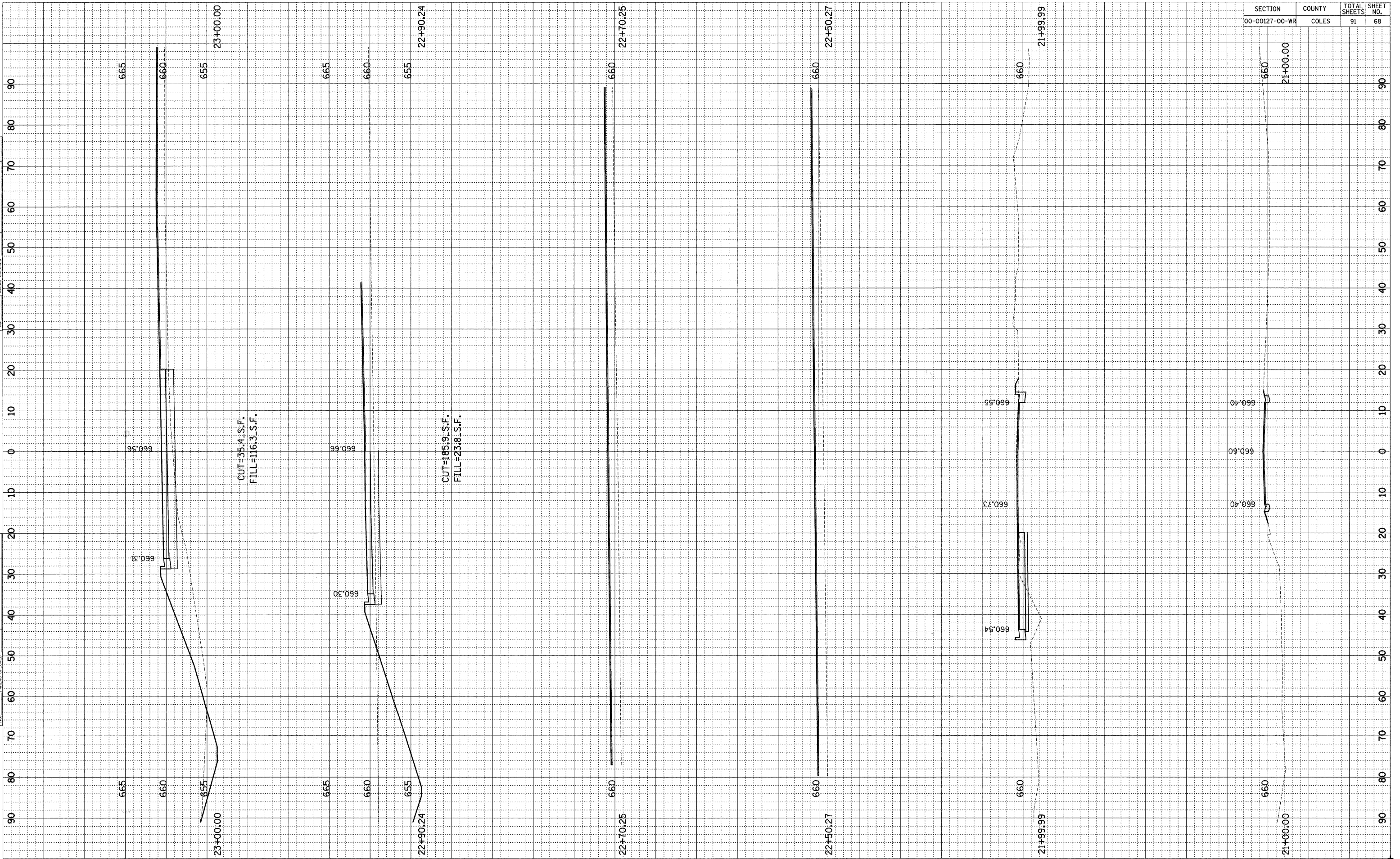
DRAWN BY: RLH  
 CHECKED BY: MED

TUG PROJ. #303027  
 ...\\ntf\topp\ing\sheet\erosion.dgn

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	68

FINAL SURVEY	DATE
NO.	

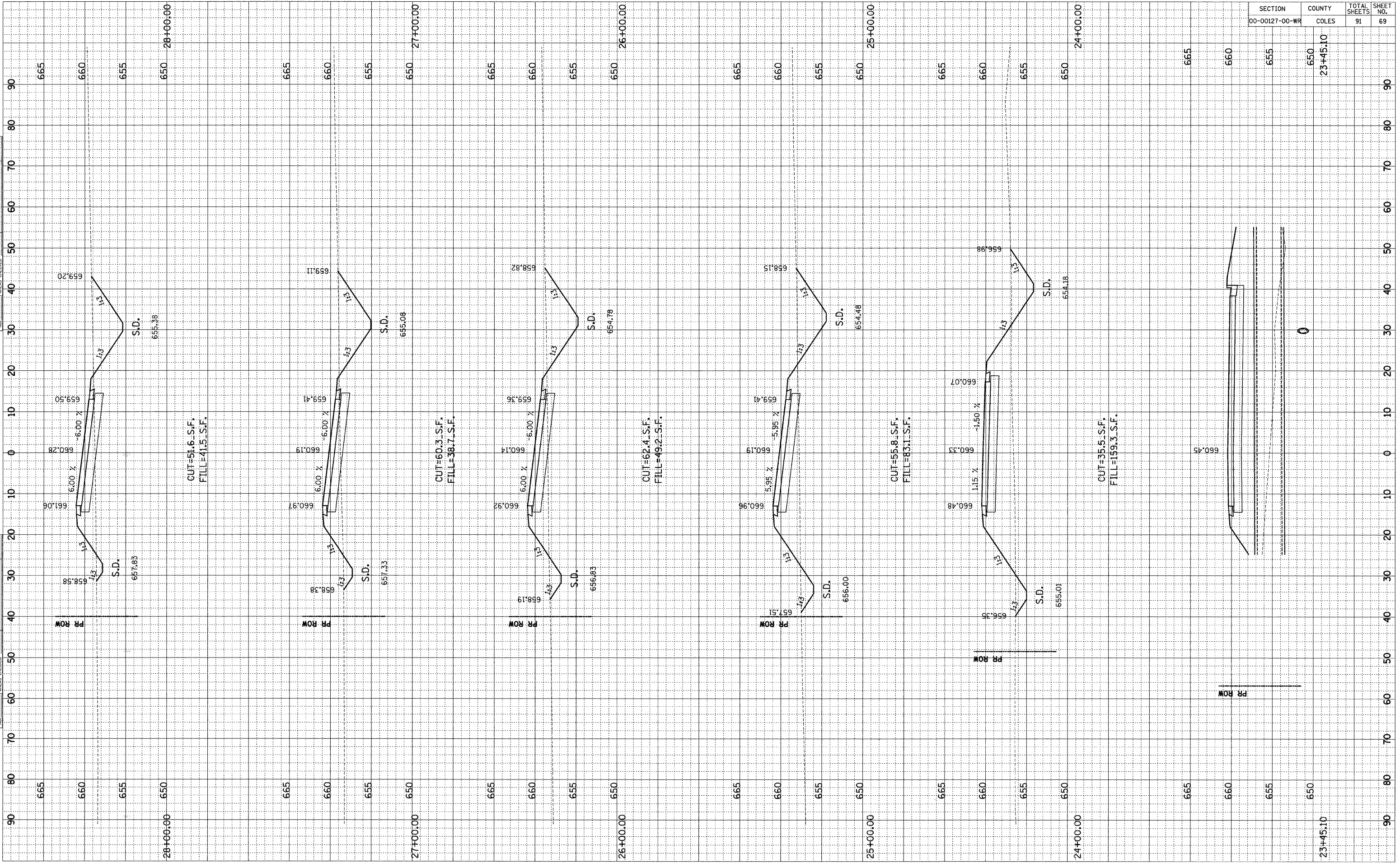
ORIGINAL SURVEY	DATE
NO.	



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	69

FINAL SURVEY	SURVEYED	DATE
NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

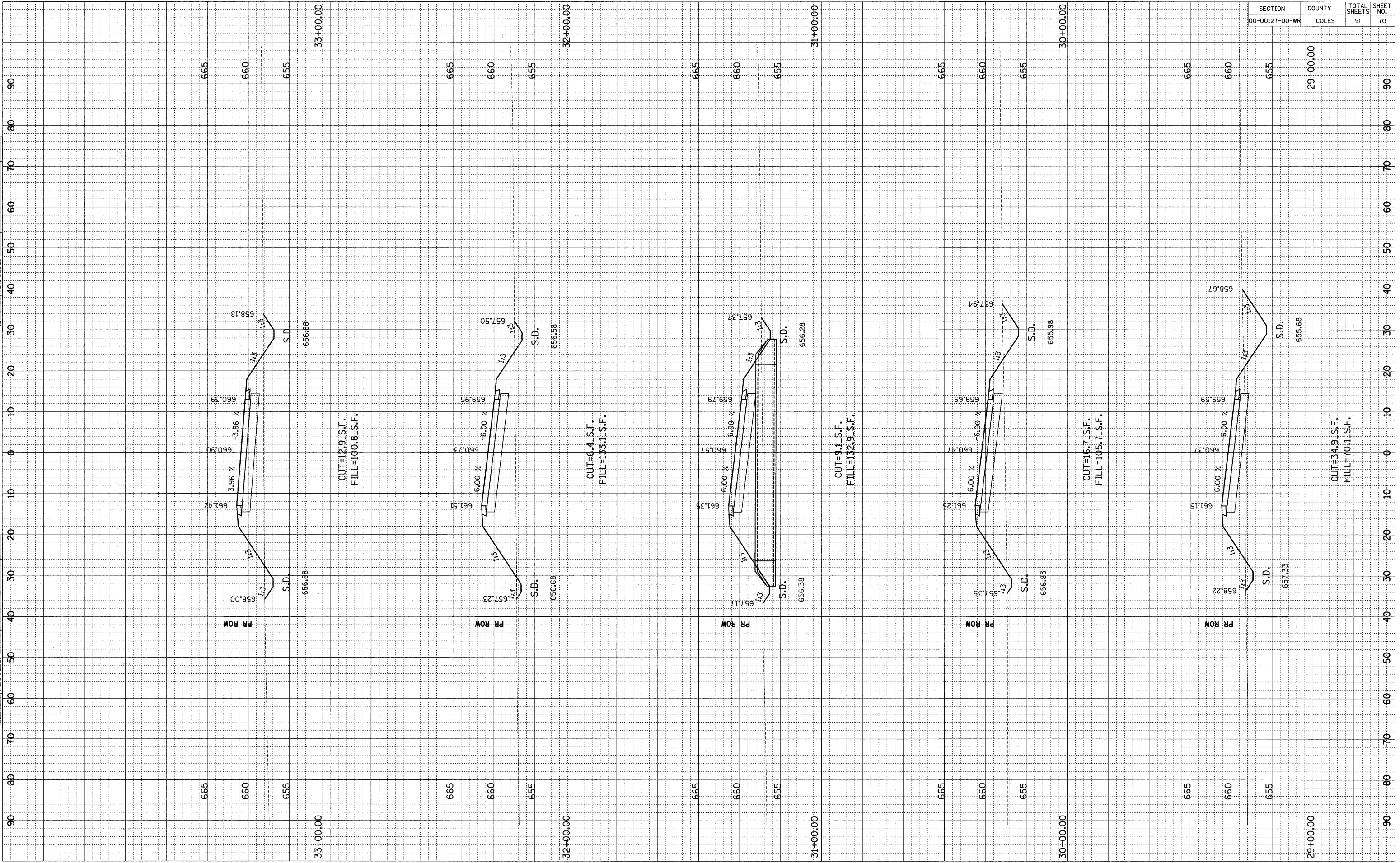
ORIGINAL SURVEY	SURVEYED	DATE
NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	70

FINAL SURVEY NO.	SURVEYED PLOTTED REPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED REPLATE AREAS CHECKED	BY	DATE

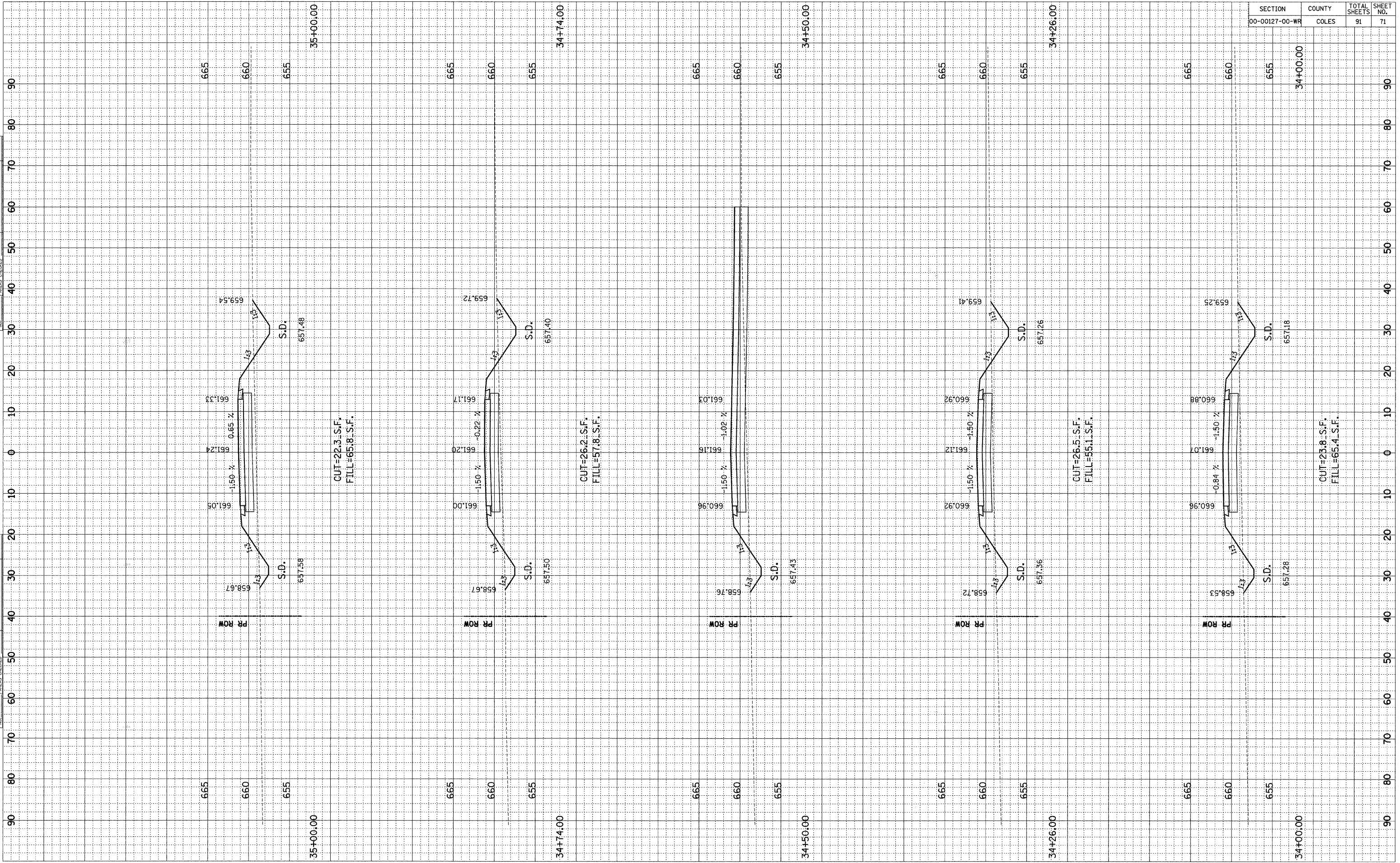


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	71

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

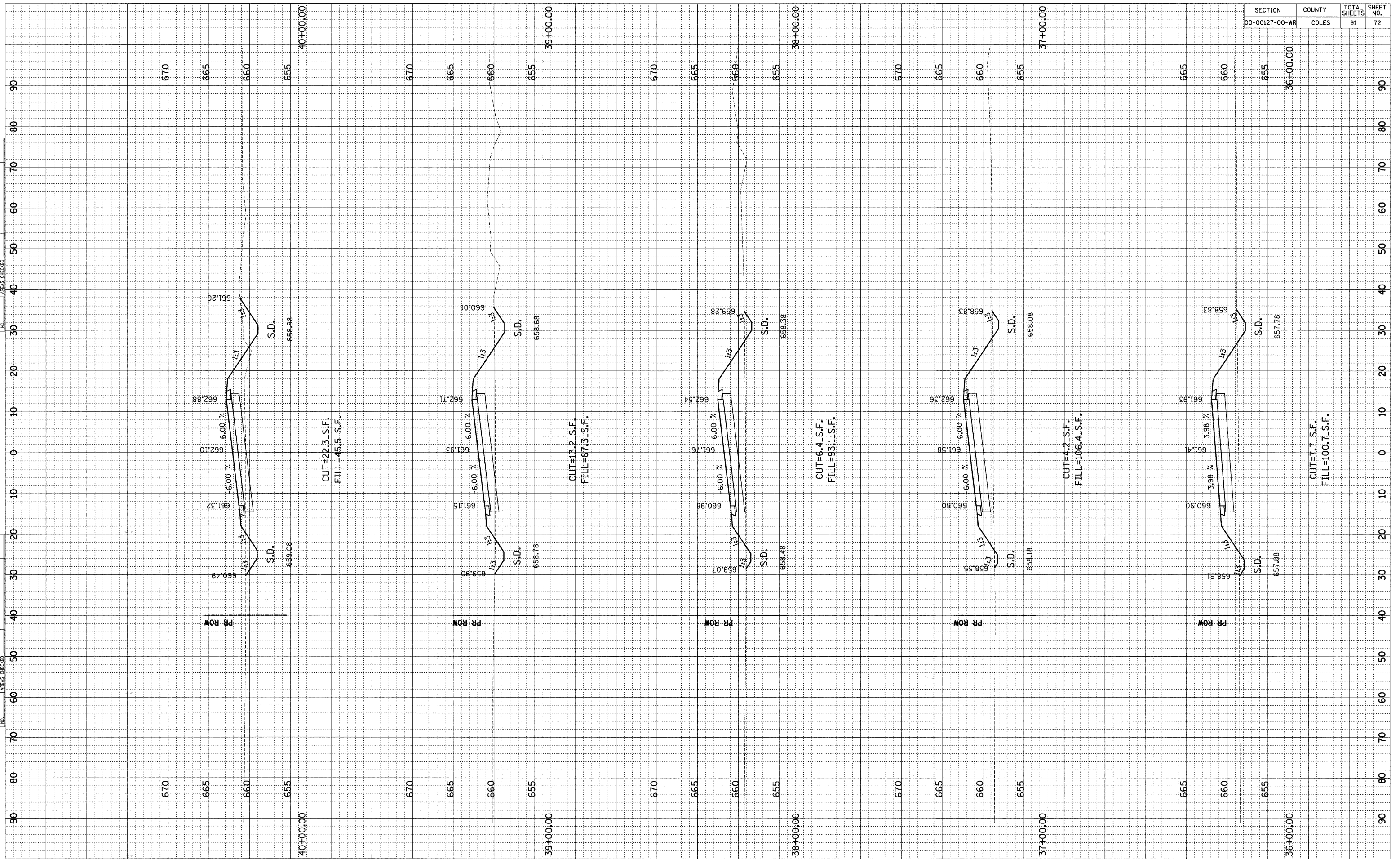
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	72

FINAL SURVEY NO.	SURVEYED PLOTTED REPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED REPLATE AREAS CHECKED	BY	DATE

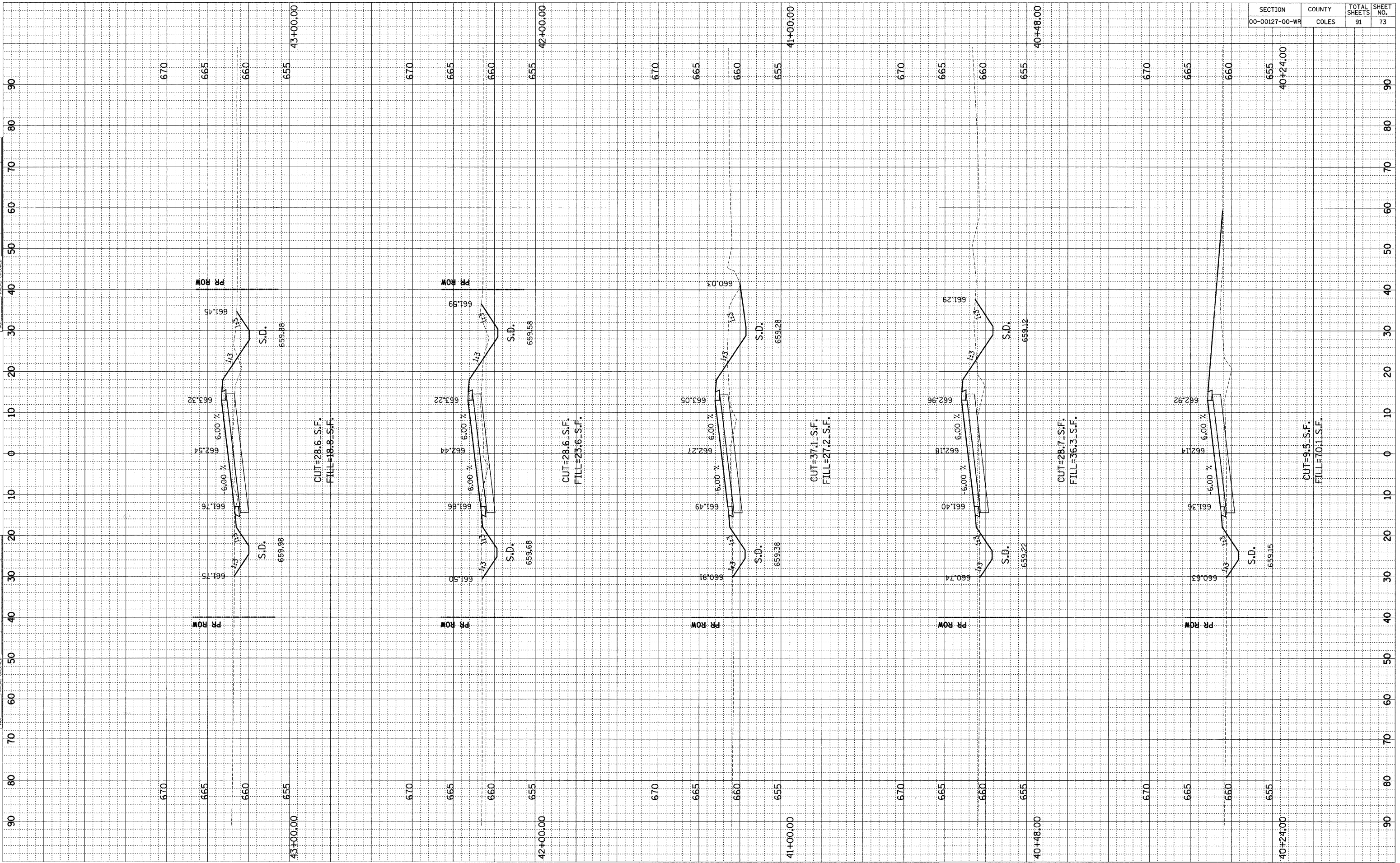




SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	73

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

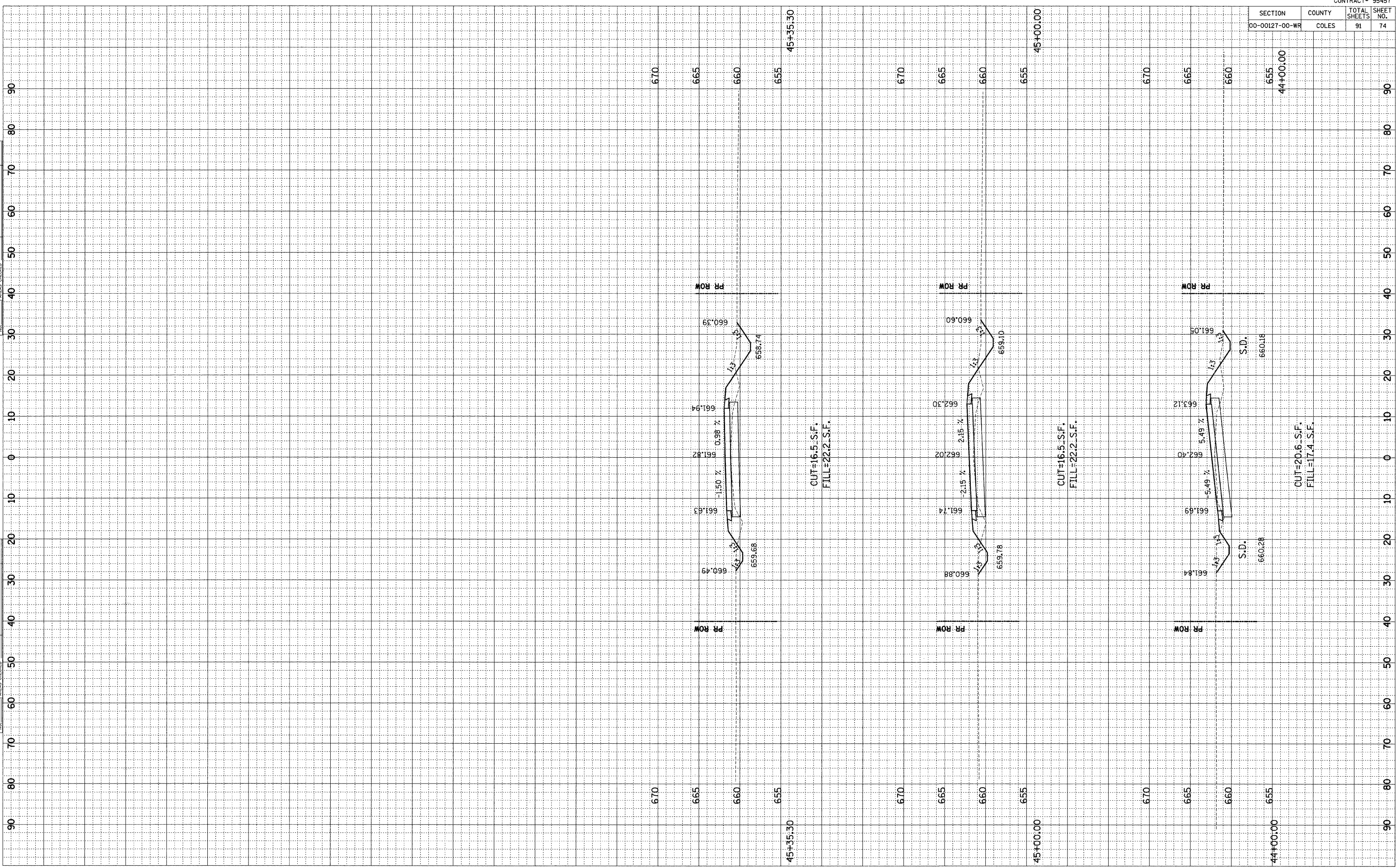
ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



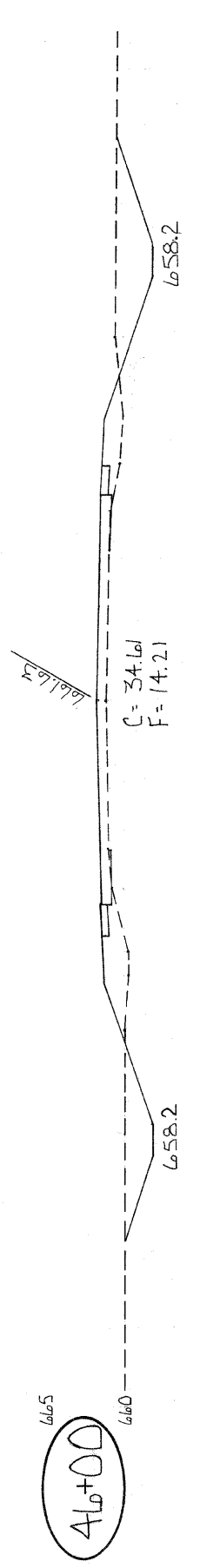
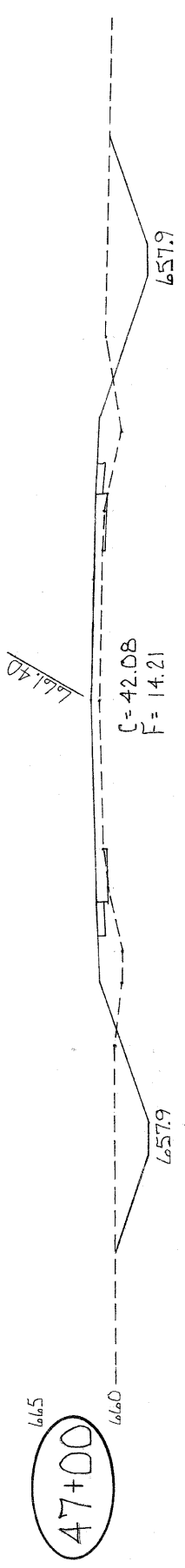
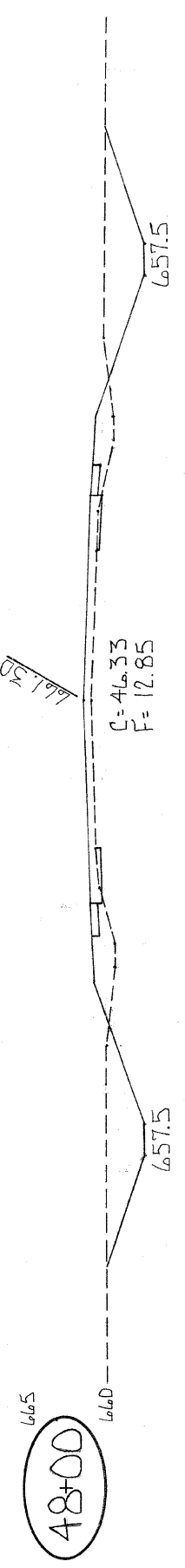
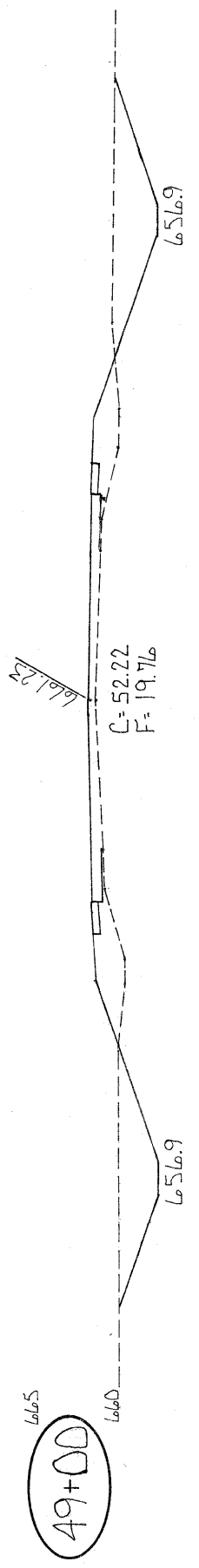
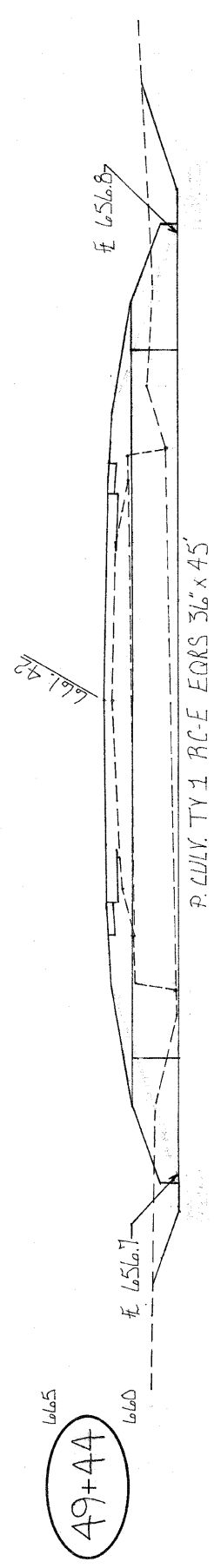
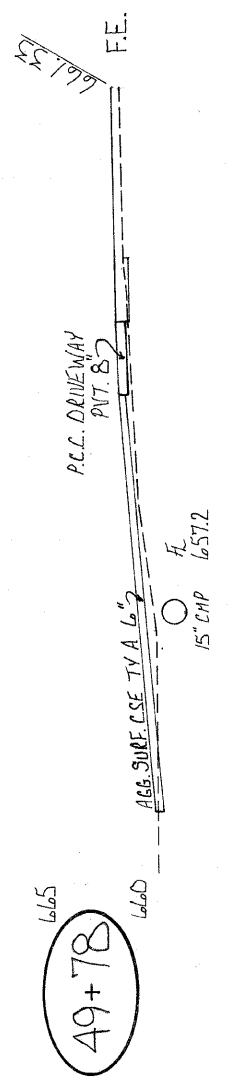
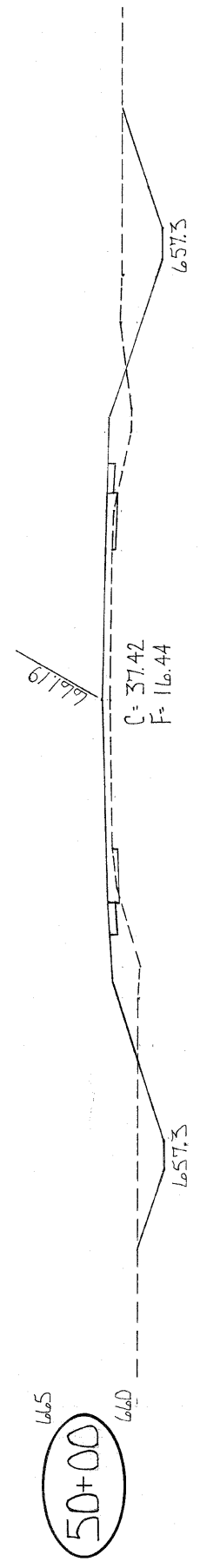
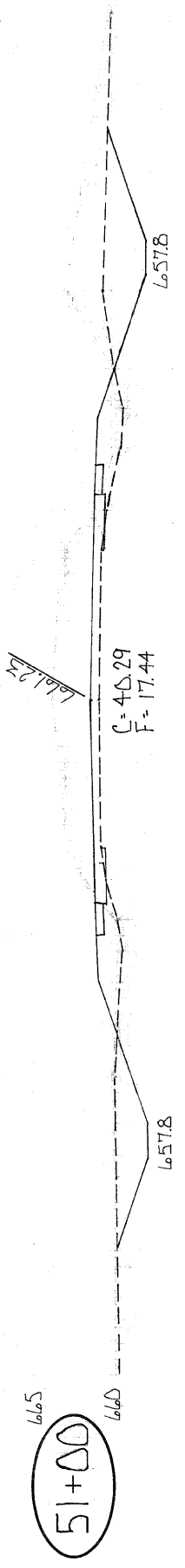
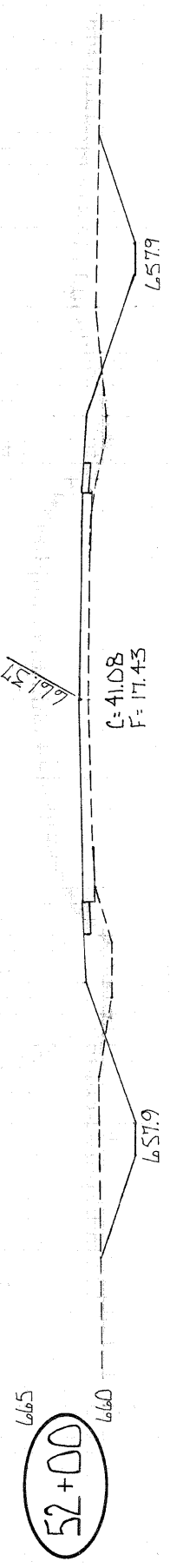
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	74

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

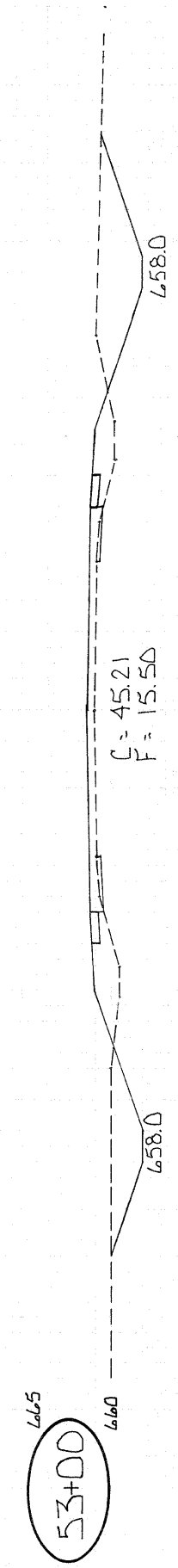
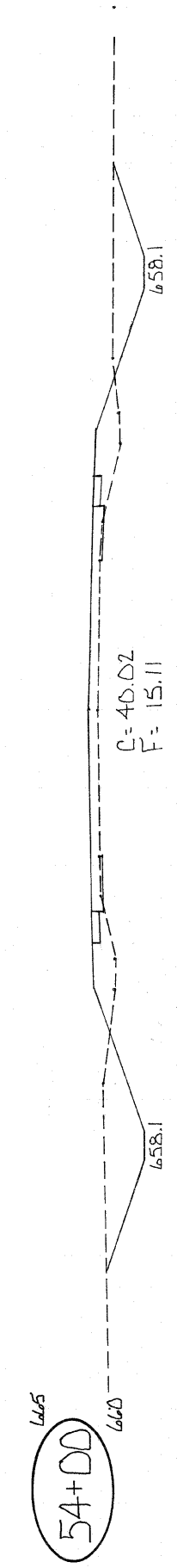
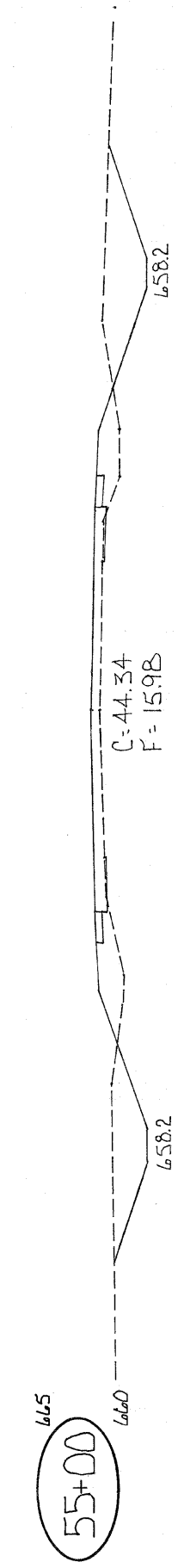
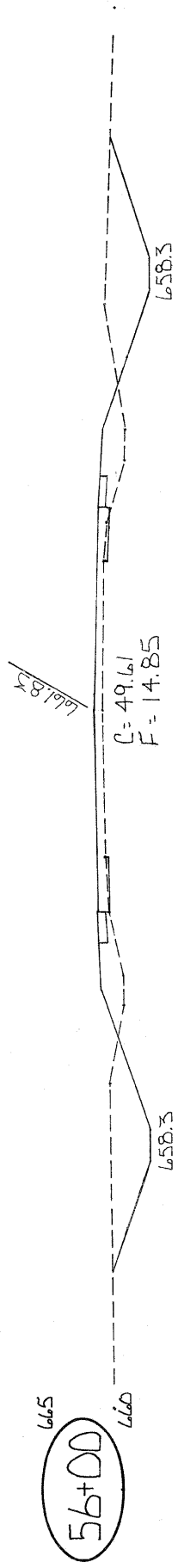
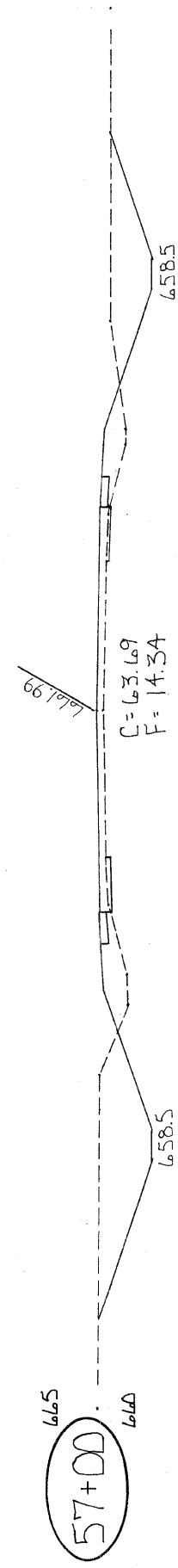
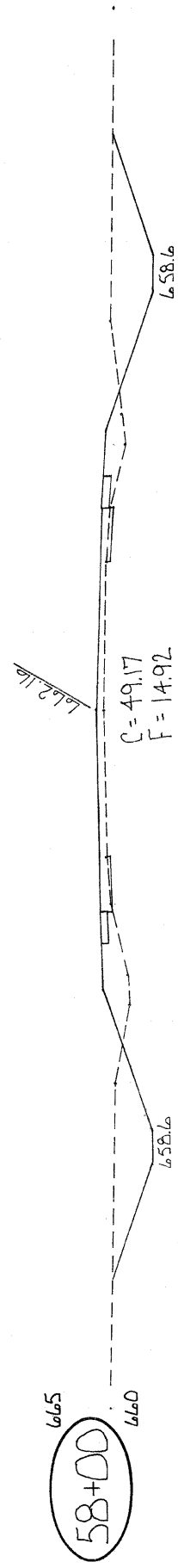
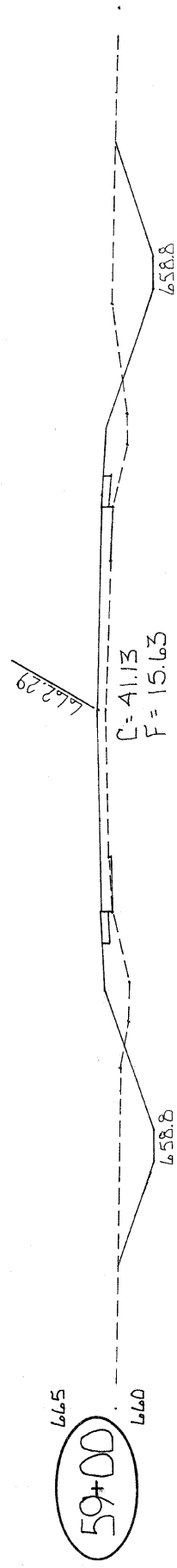
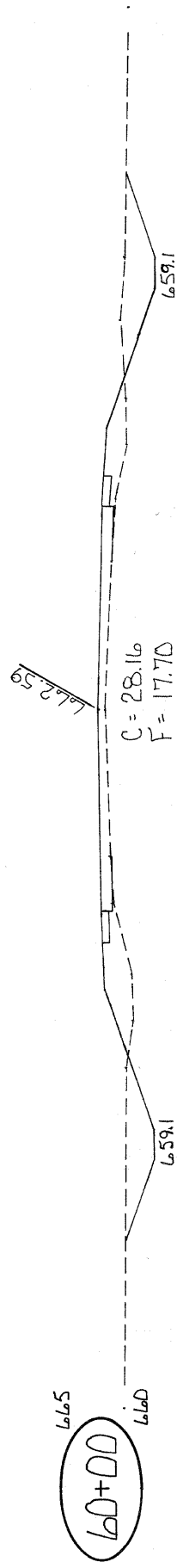
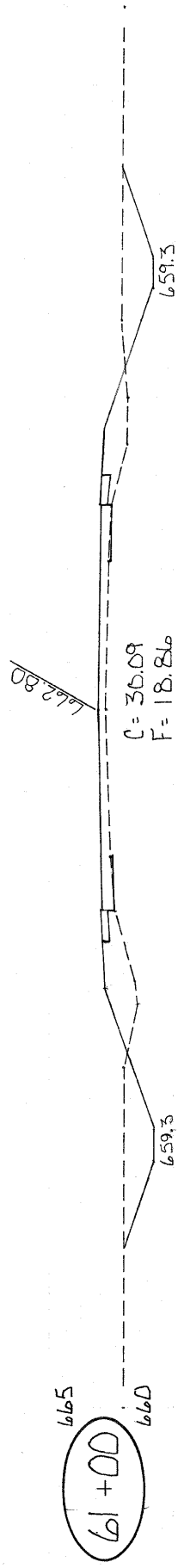
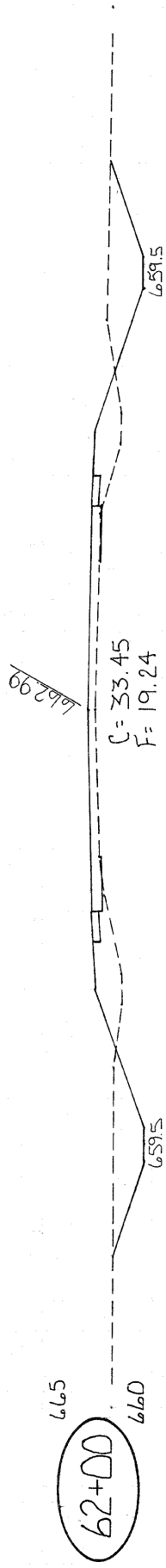


40 30 20 10 0 10 20 30 40



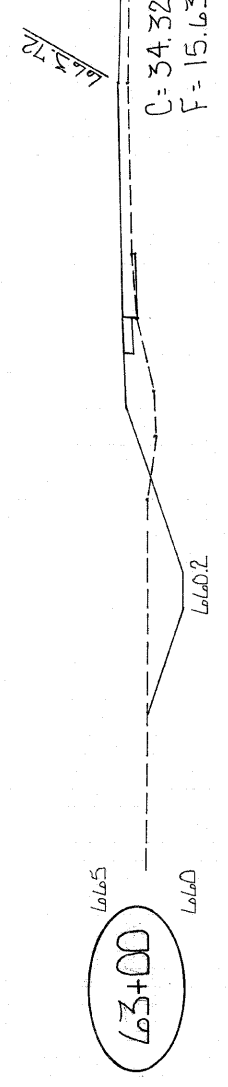
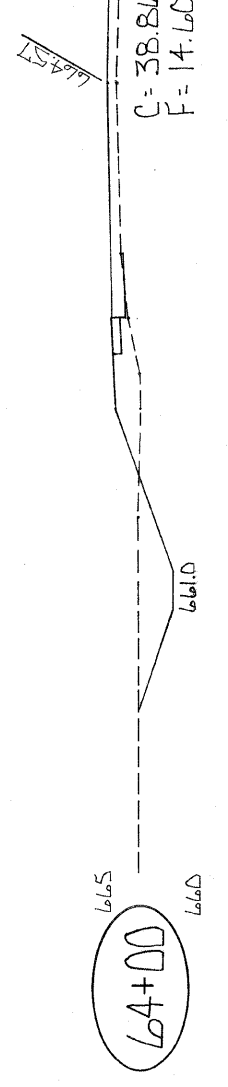
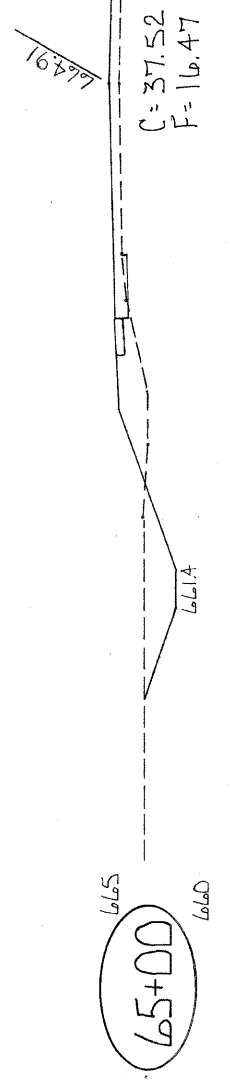
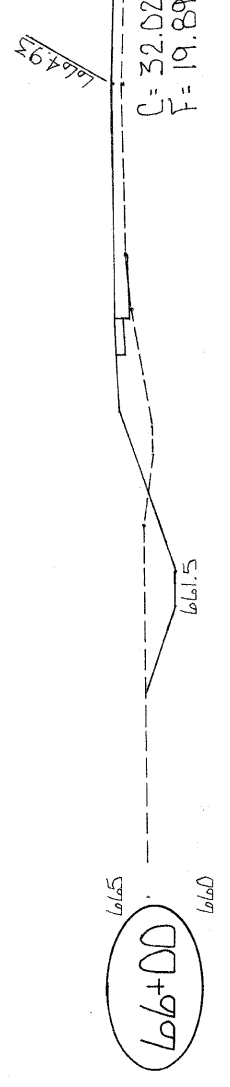
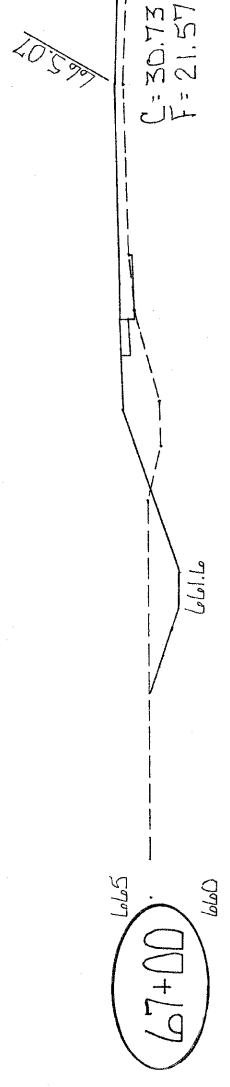
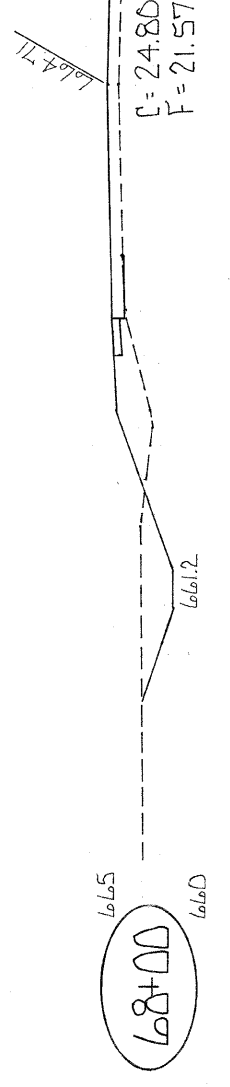
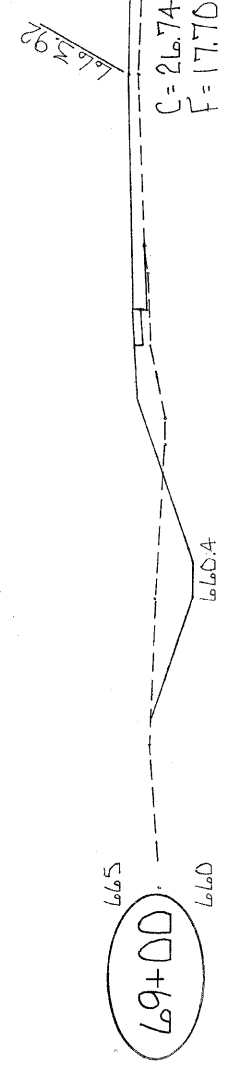
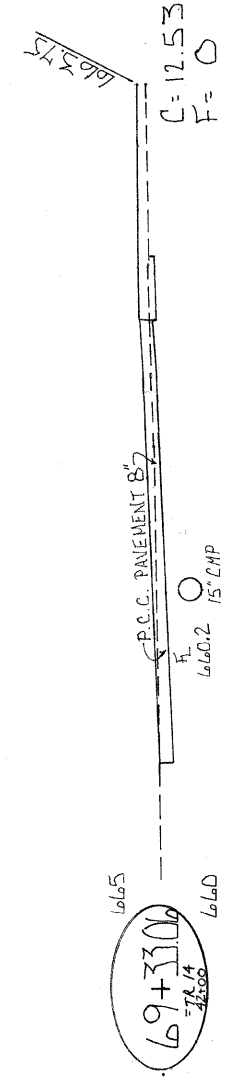
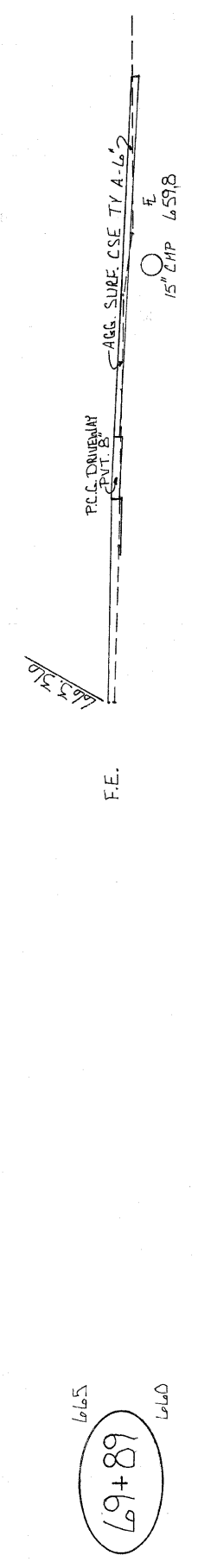
40 30 20 10 0 10 20 30 40

40 30 20 10 0 10 20 30 40



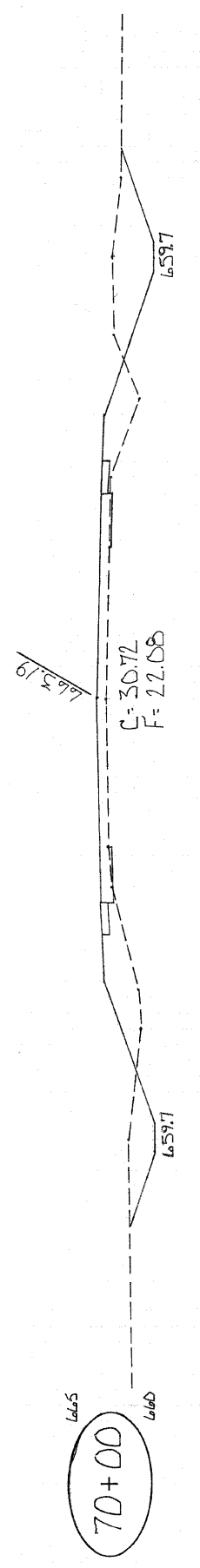
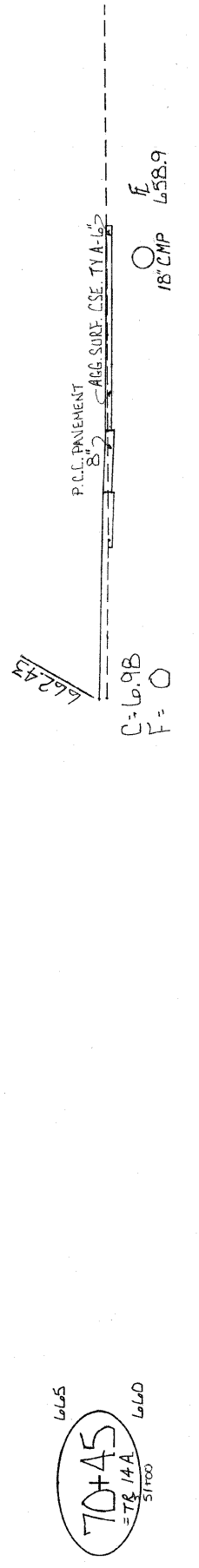
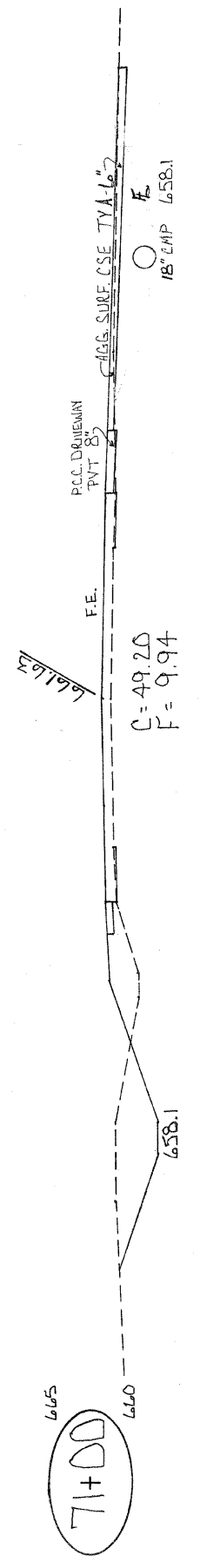
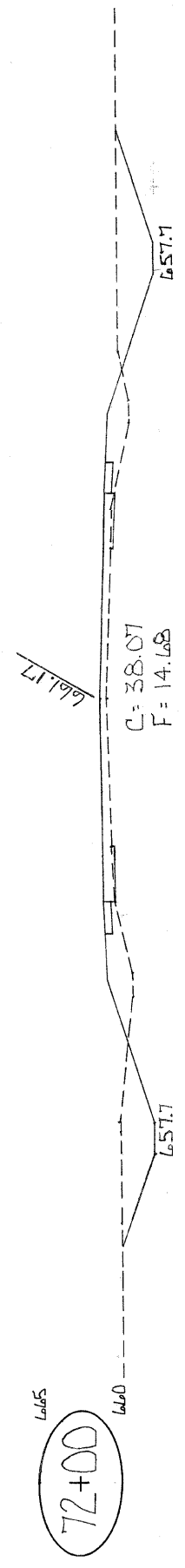
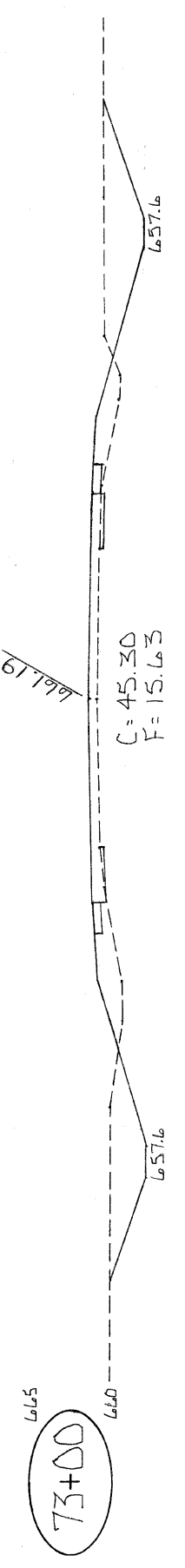
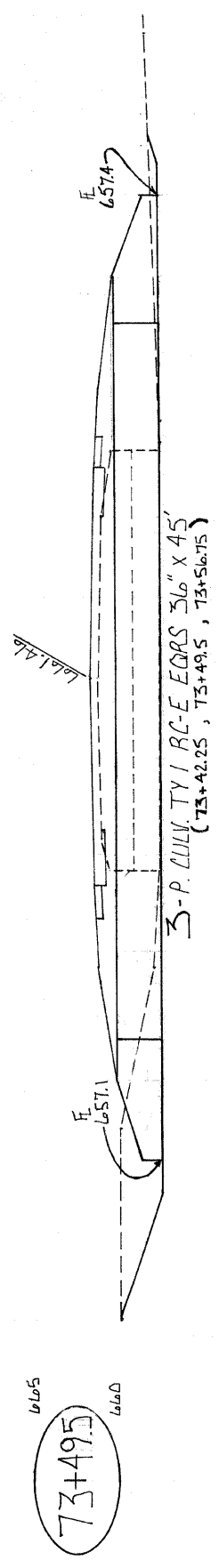
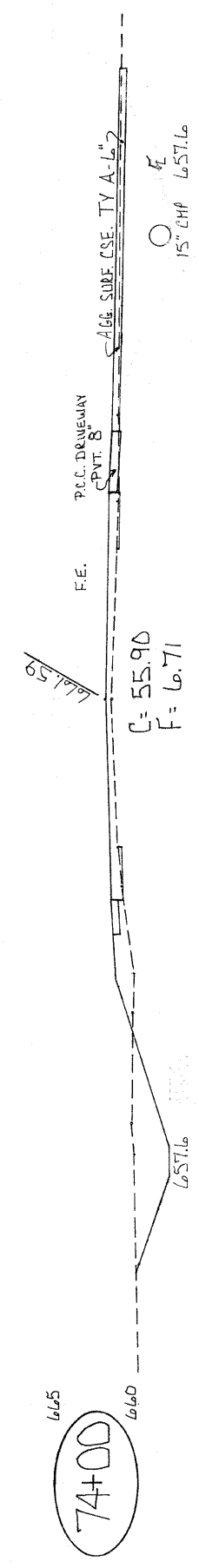
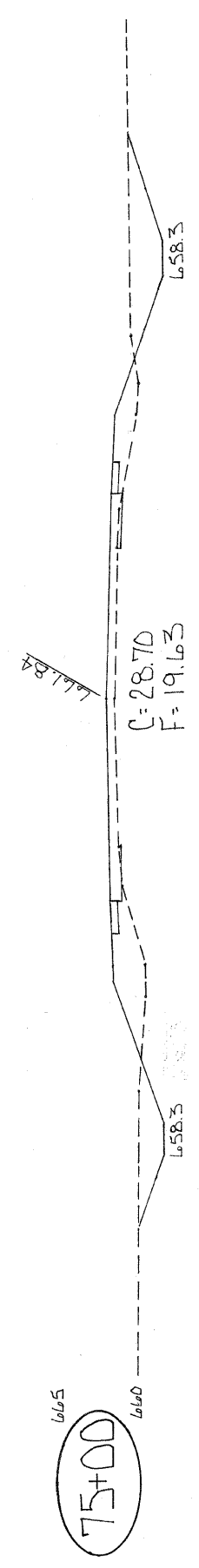
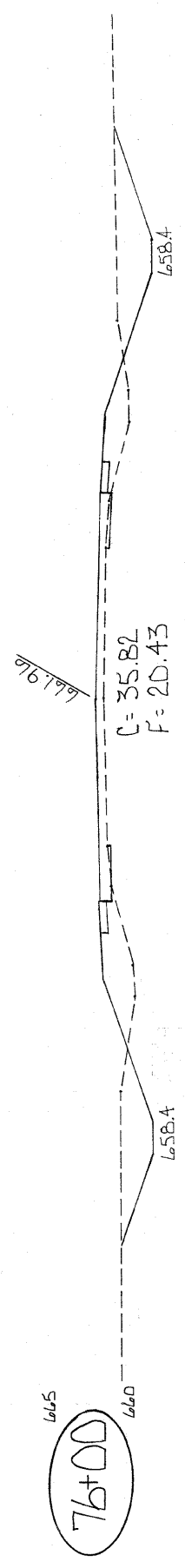
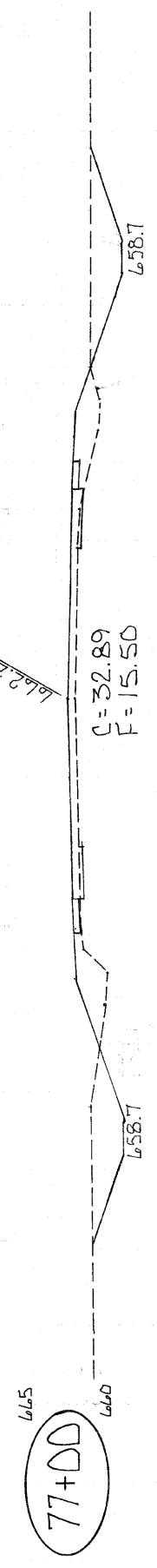
40 30 20 10 0 10 20 30 40

40 30 20 10 0 10 20 30 40



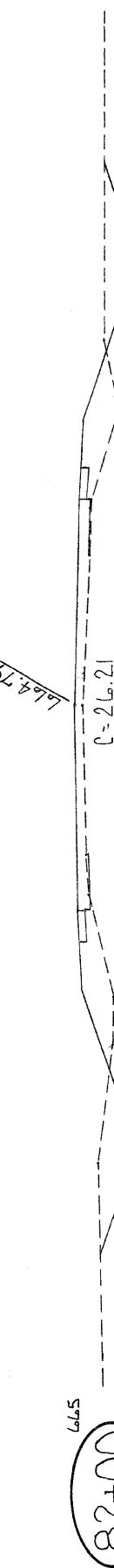
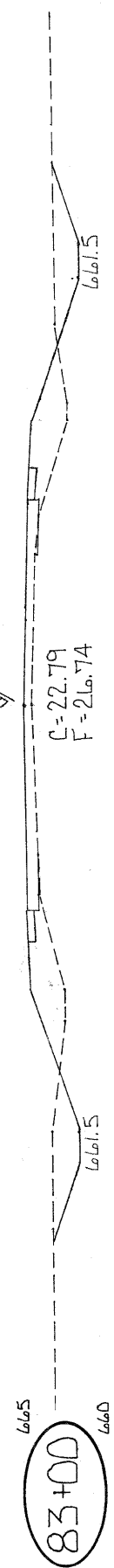
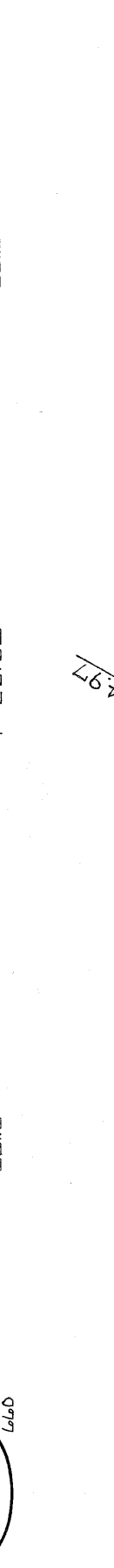
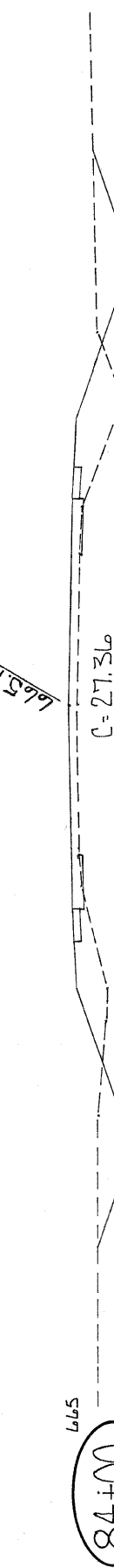
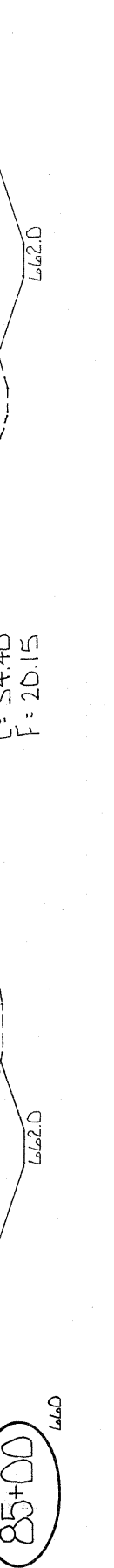
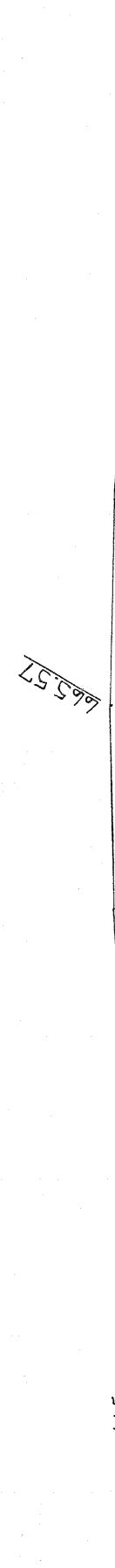
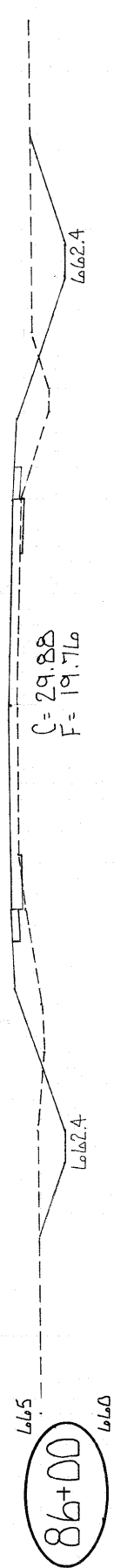
40 30 20 10 0 10 20 30 40

40 30 20 10 0 10 20 30 40



40 30 20 10 0 10 20 30 40

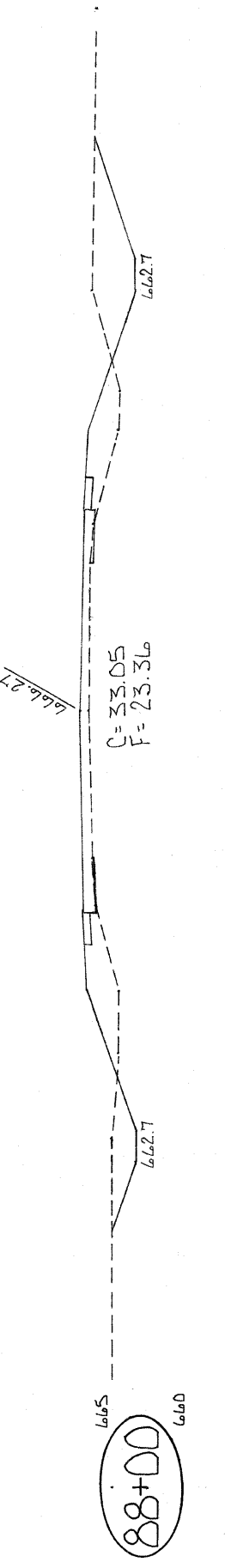
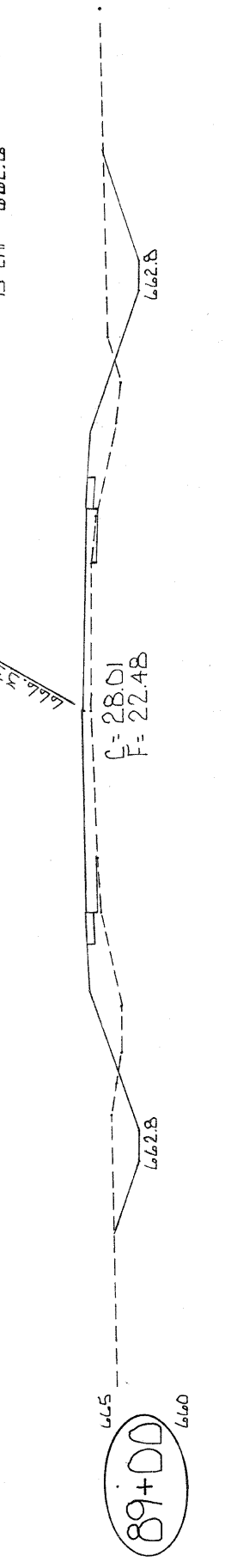
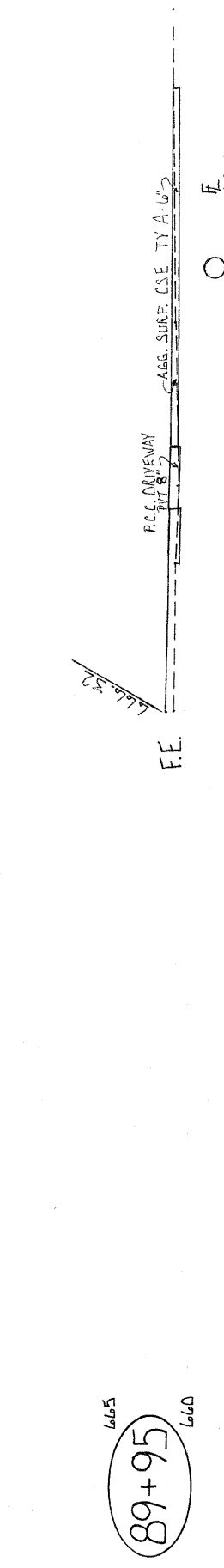
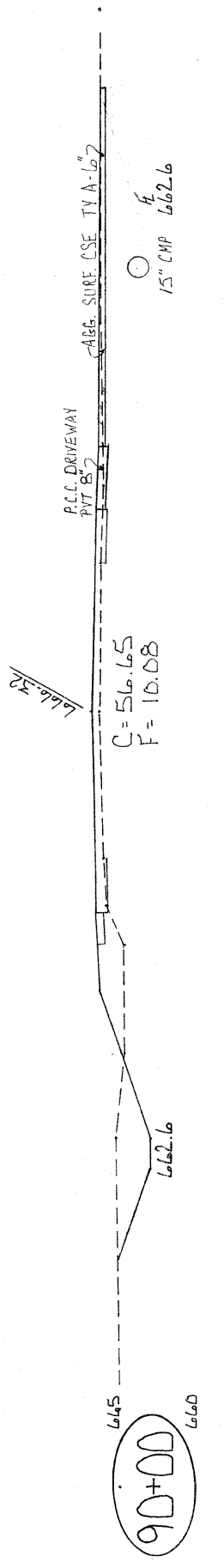
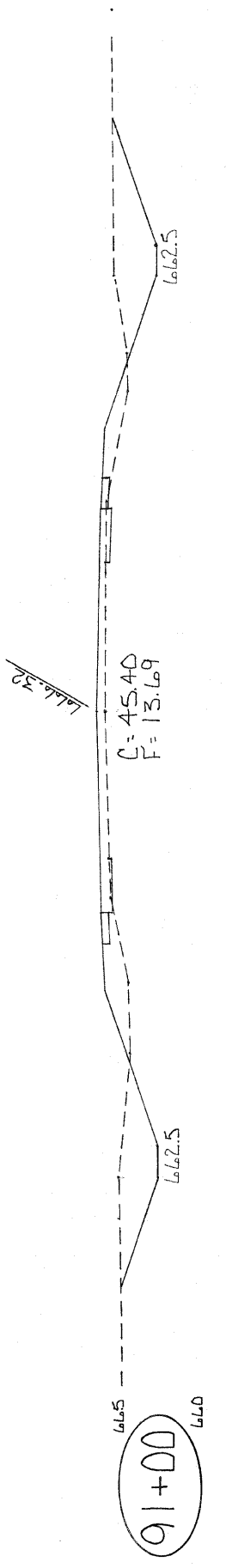
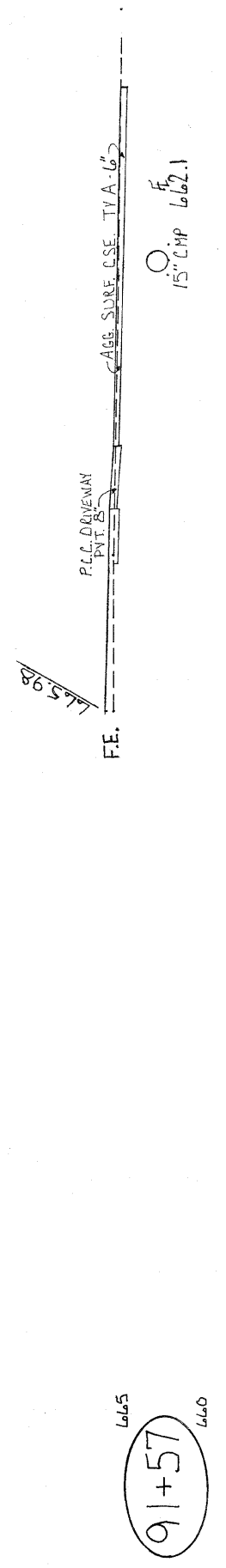
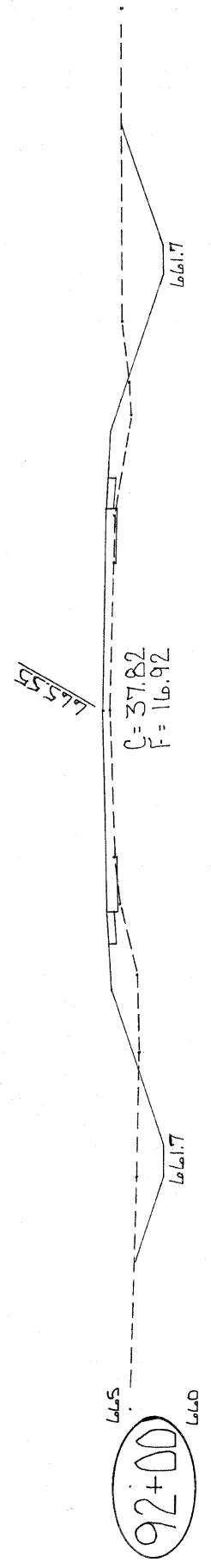
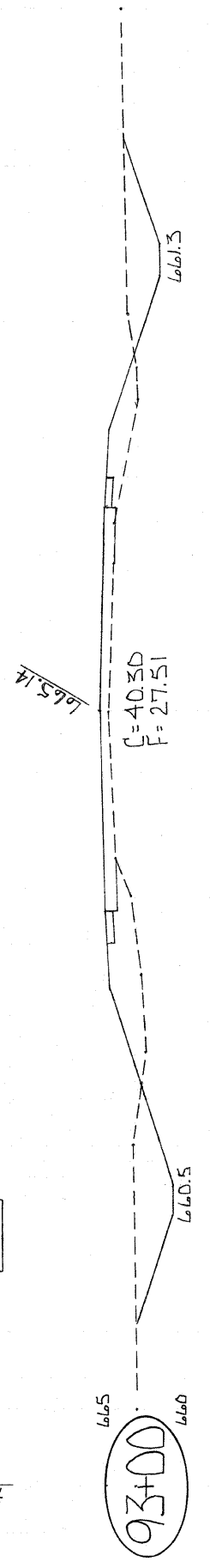
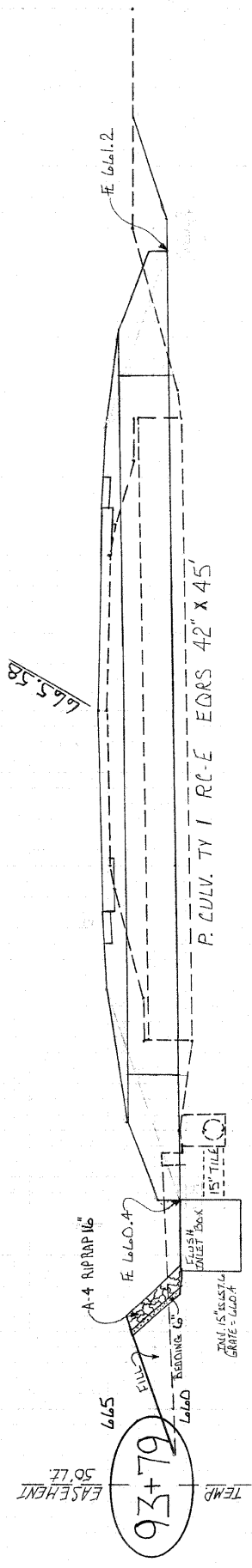
40 30 20 10 0 10 20 30 40



ABS. SURF. CSE. TY. A-16  
 P.C. DANEMAN  
 PVT. B  
 15' CMP  
 F.I.E.

40 30 20 10 0 10 20 30 40

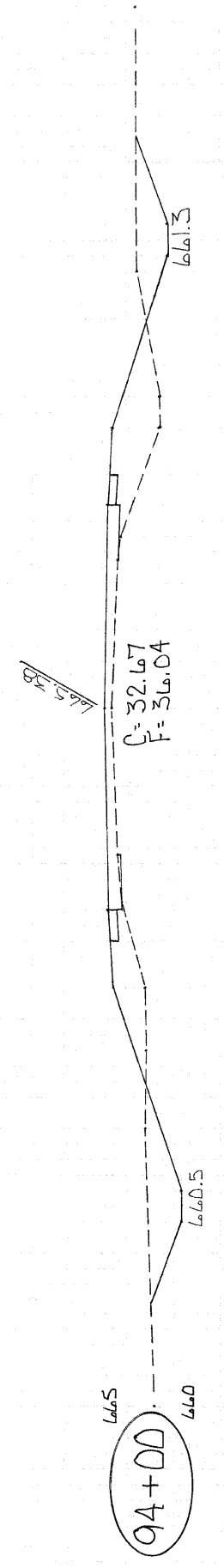
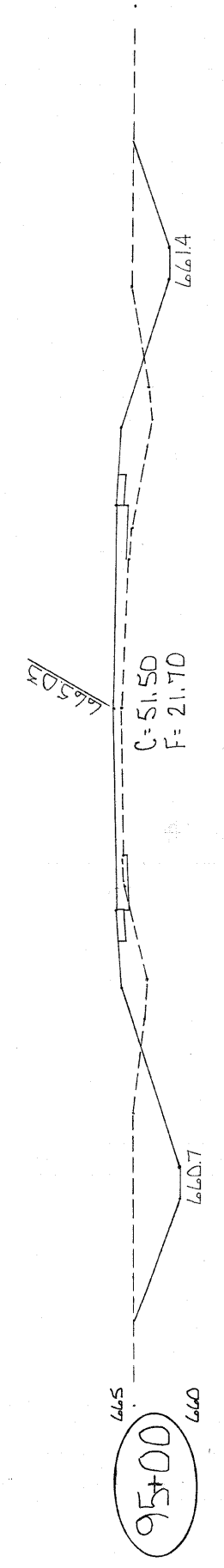
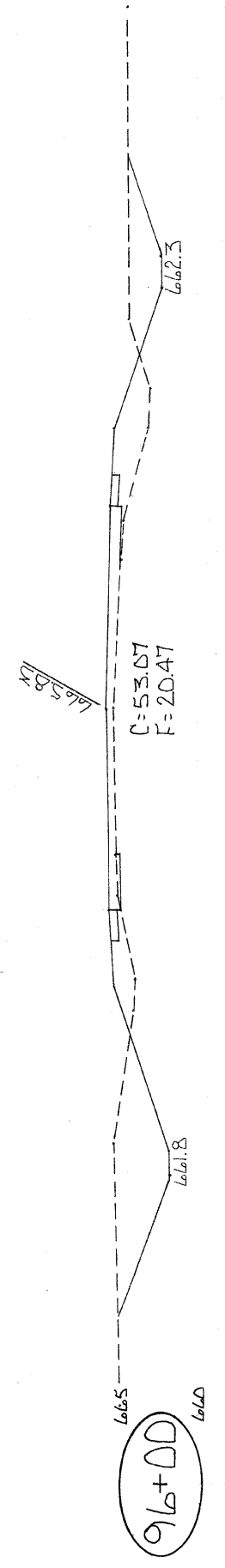
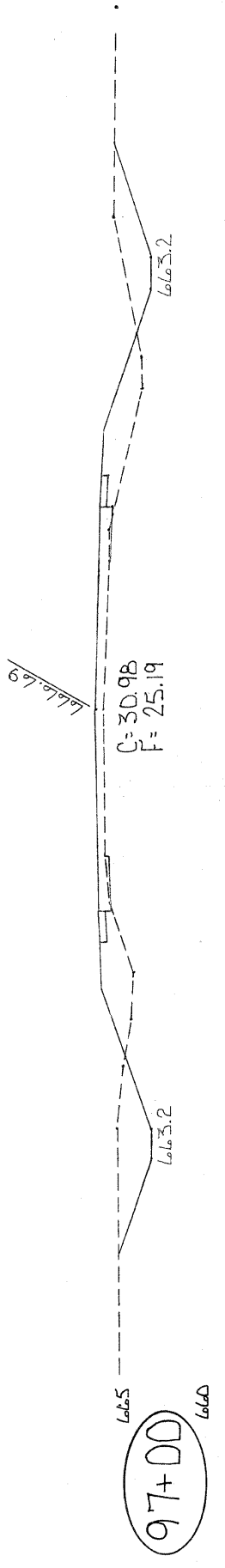
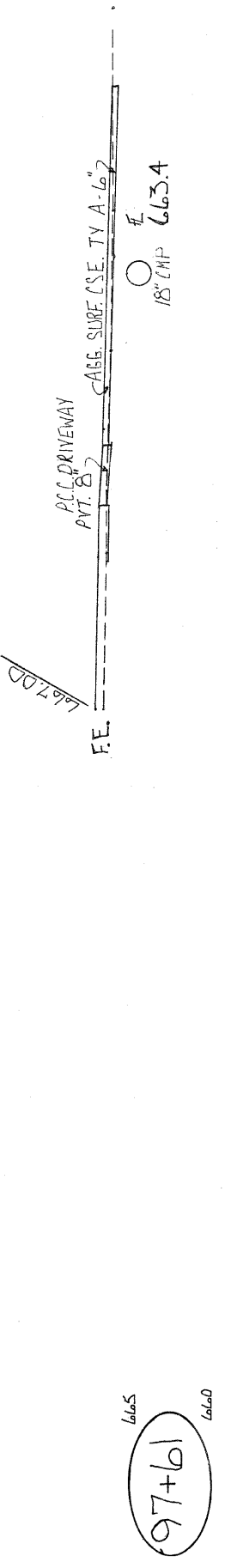
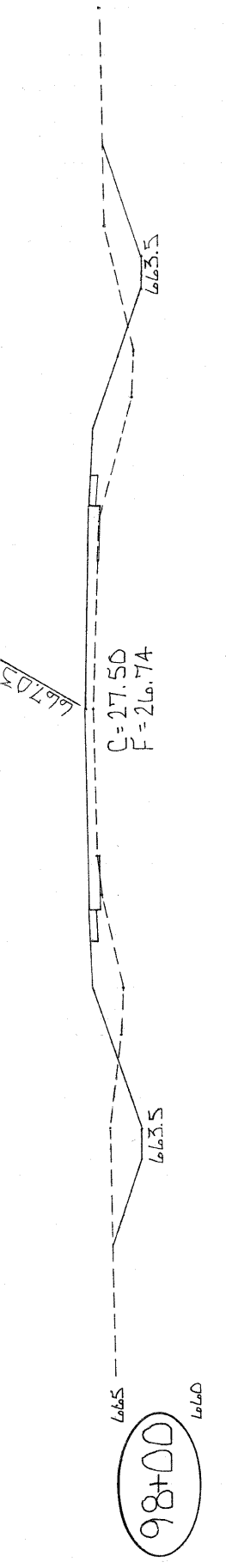
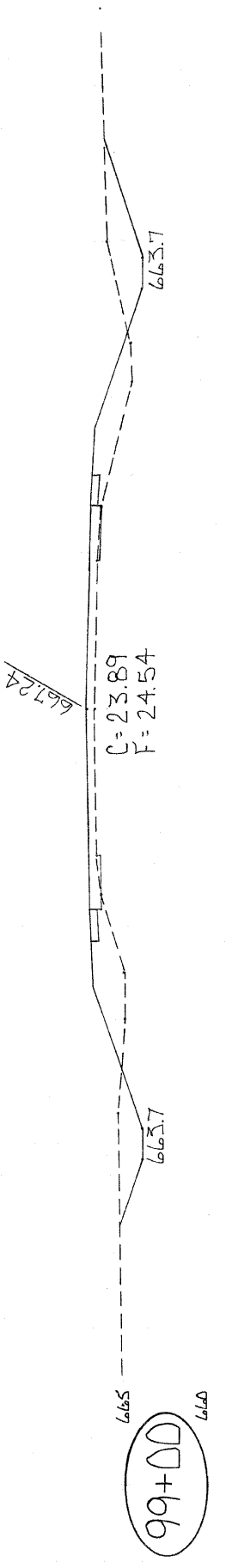
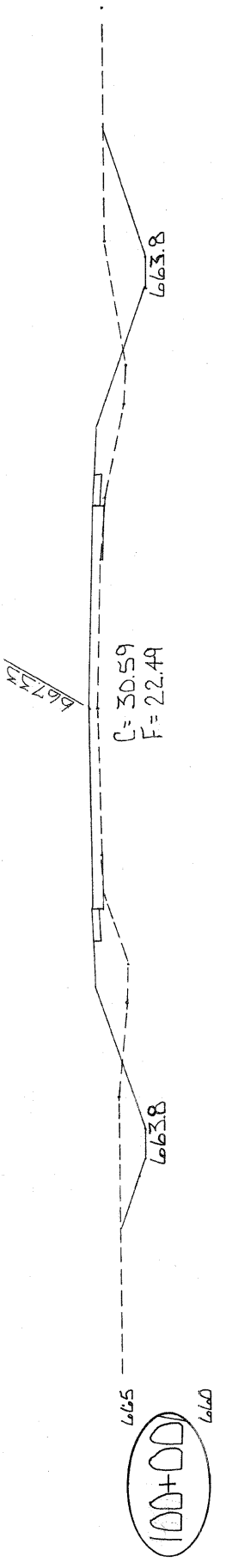
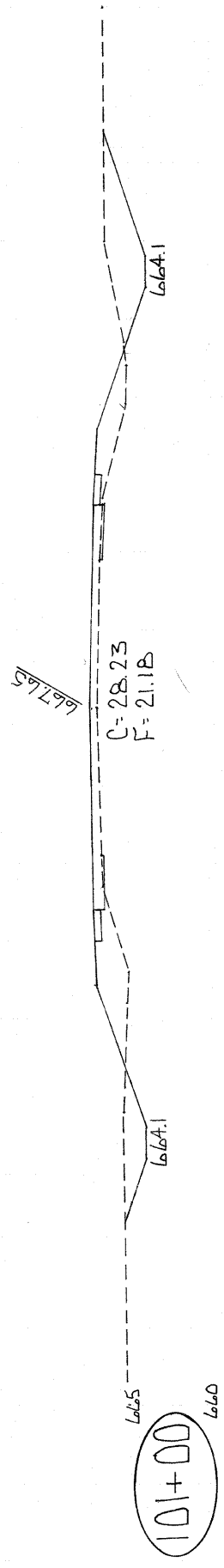
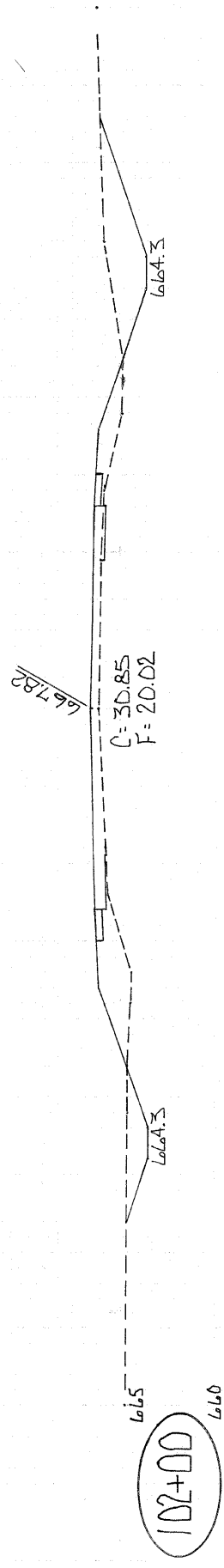
40 30 20 10 0 10 20 30 40



40 30 20 10 0 10 20 30 40

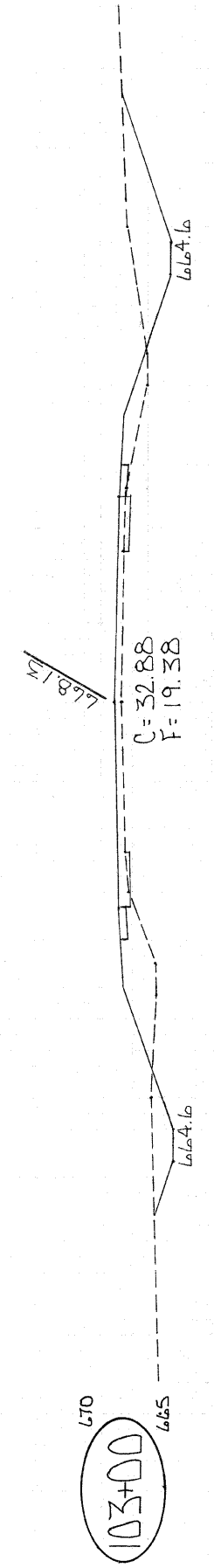
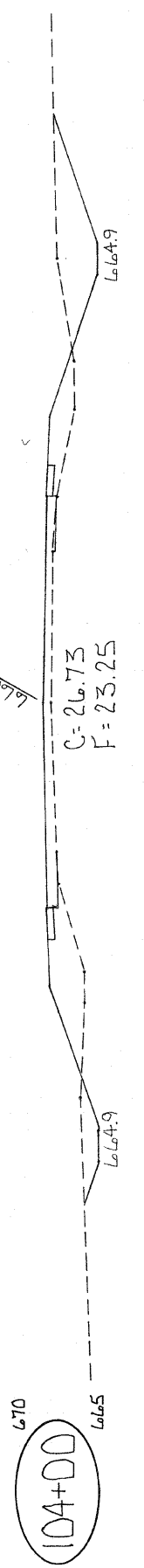
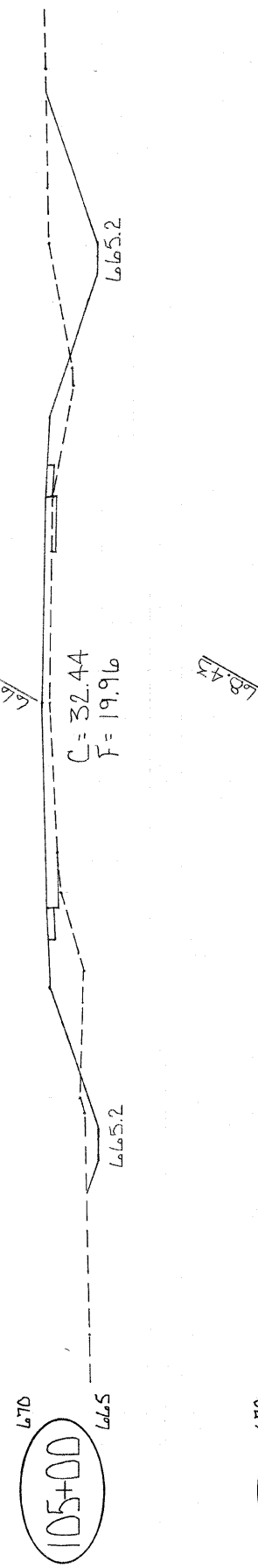
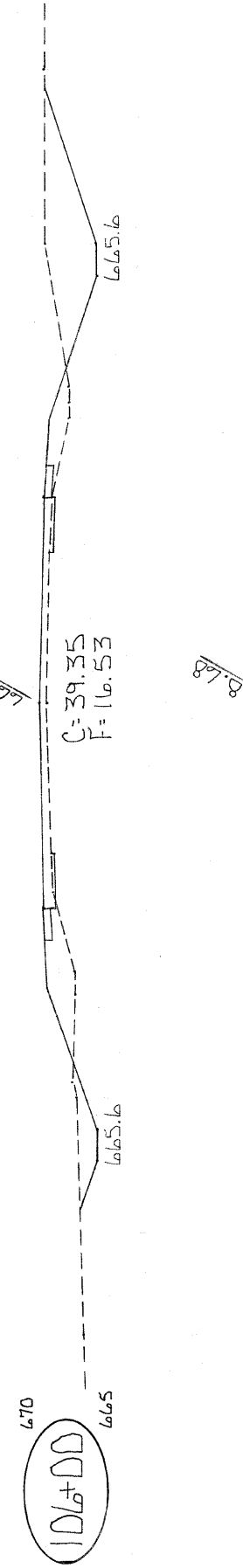
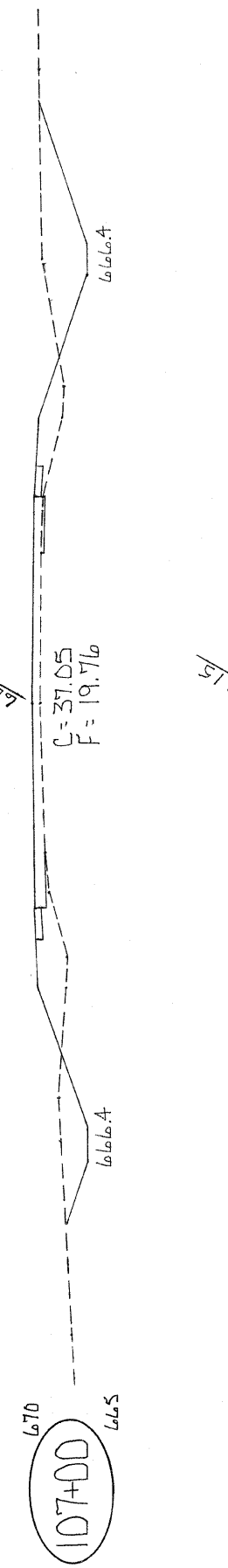
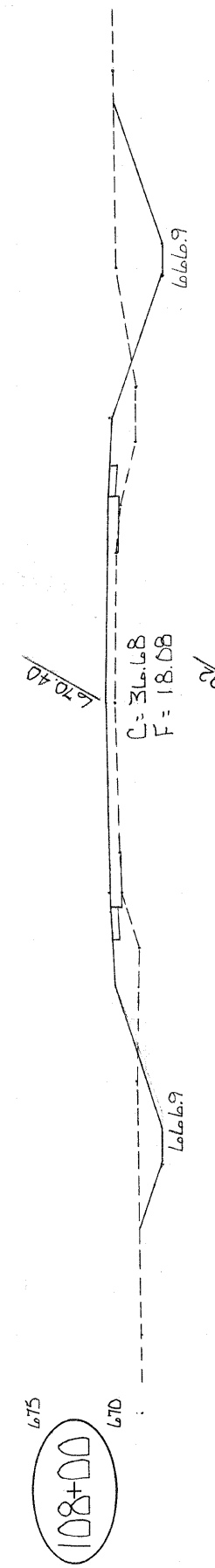
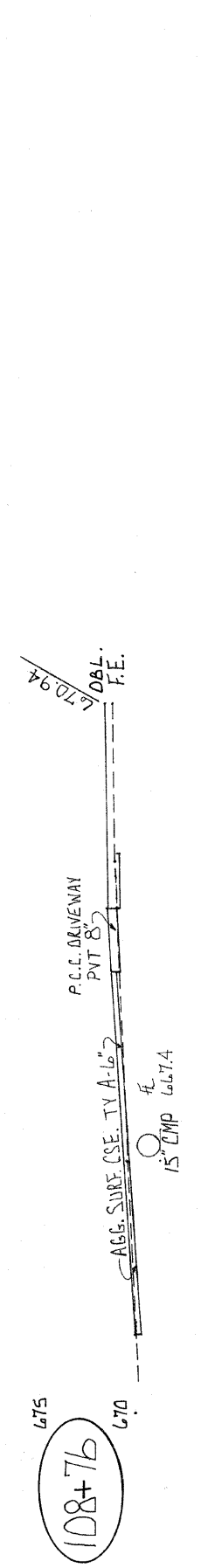
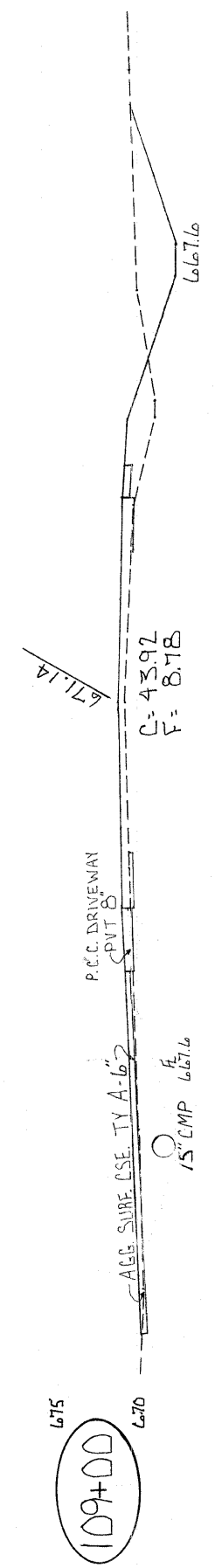
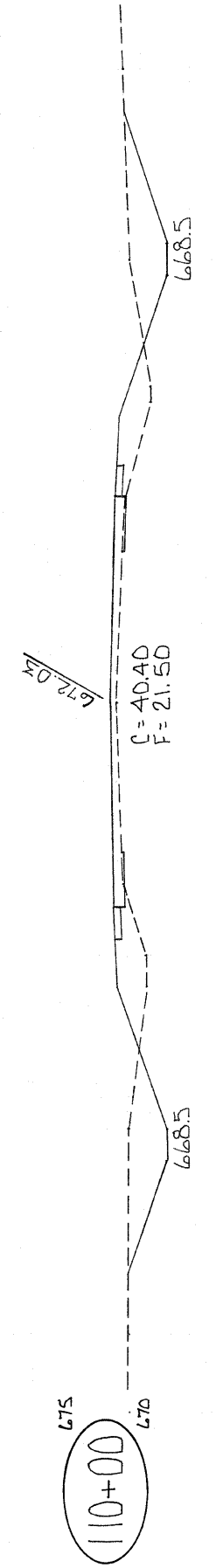
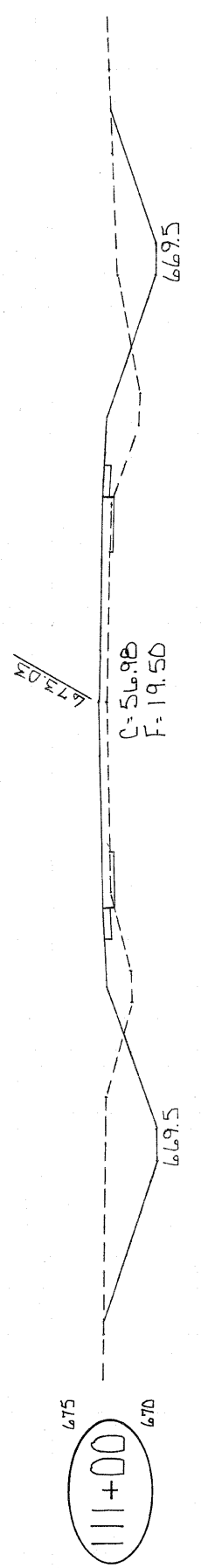


40 30 20 10 0 10 20 30 40



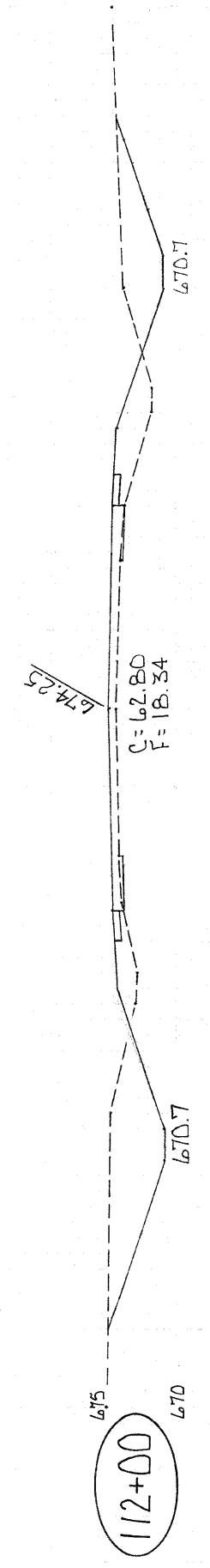
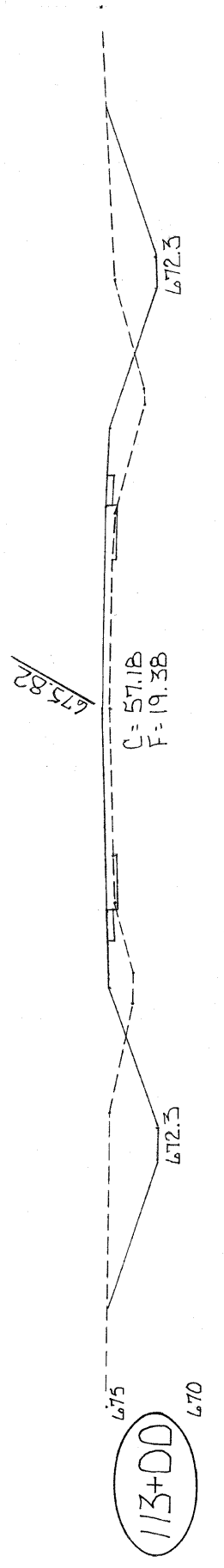
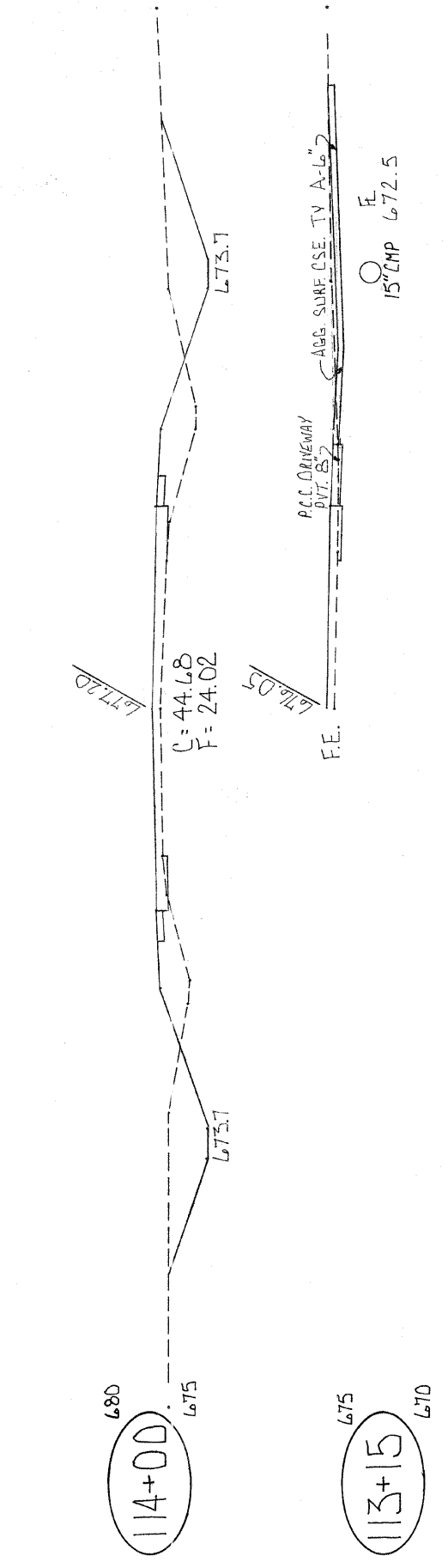
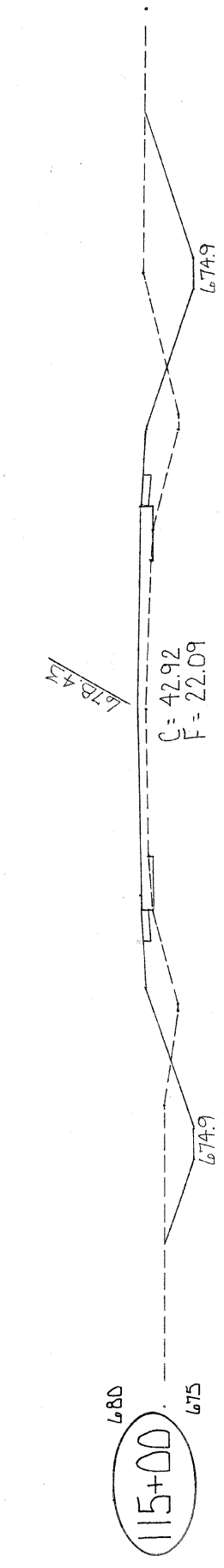
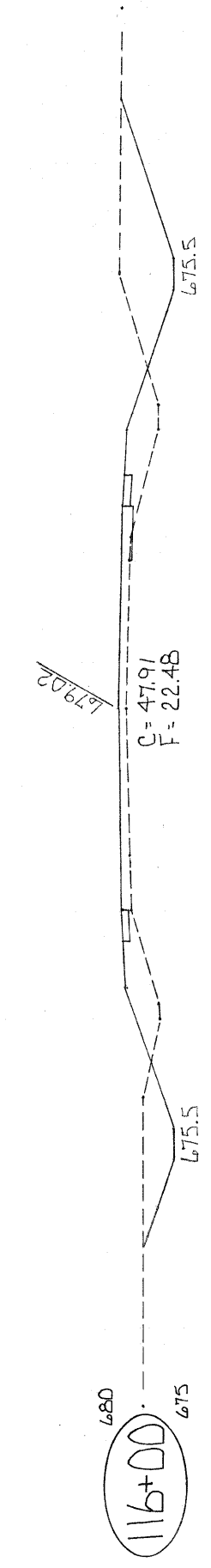
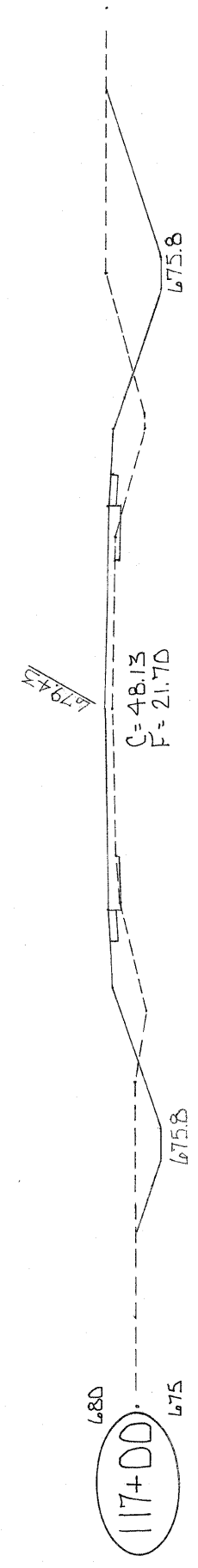
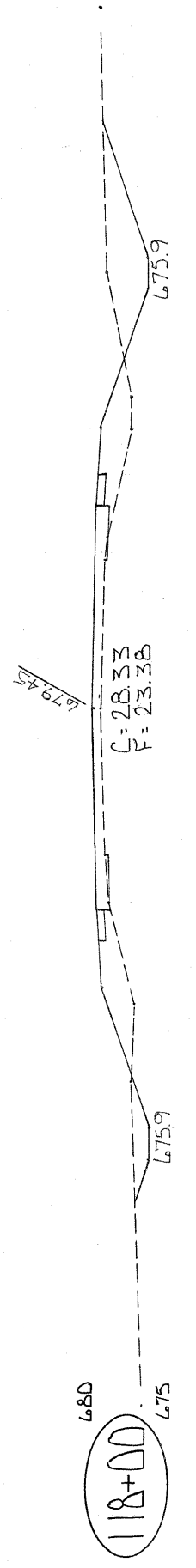
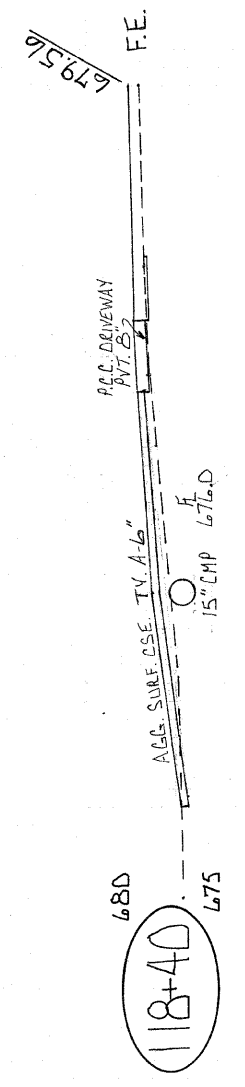
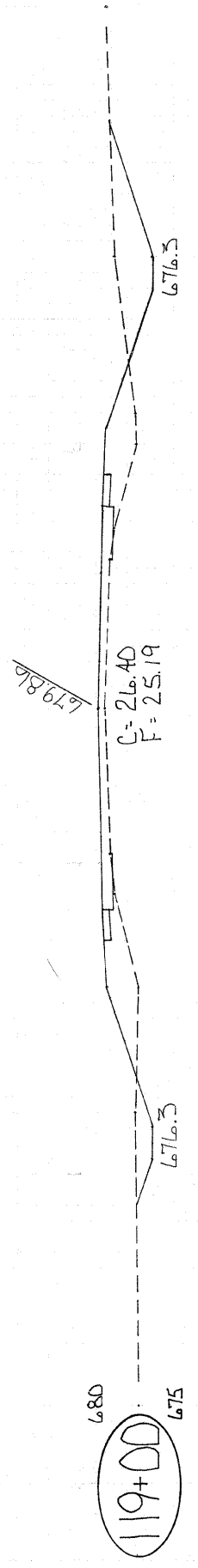
40 30 20 10 0 10 20 30 40

40 30 20 10 0 10 20 30 40

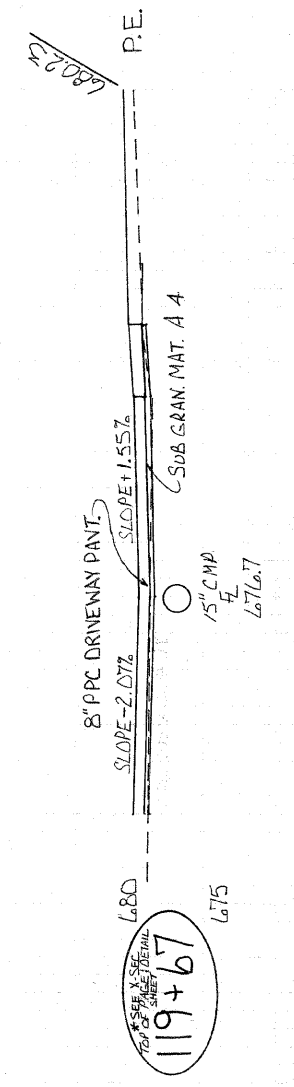
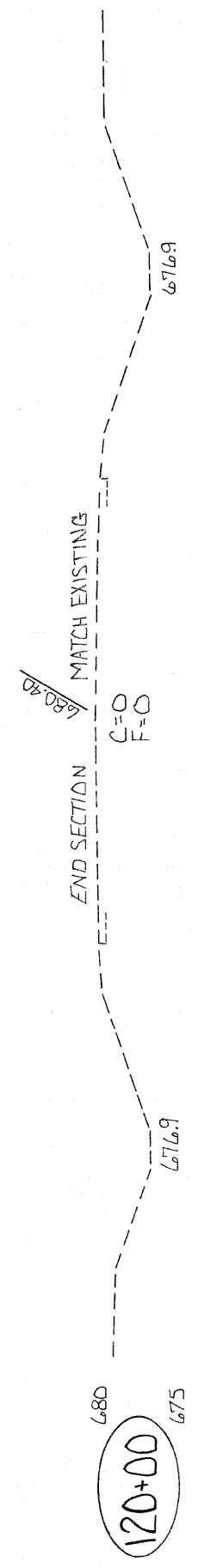
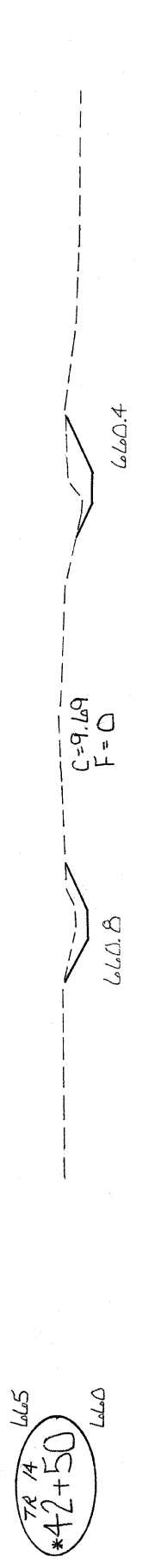
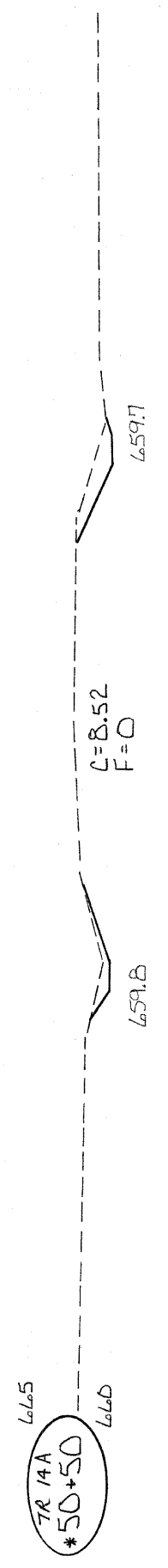
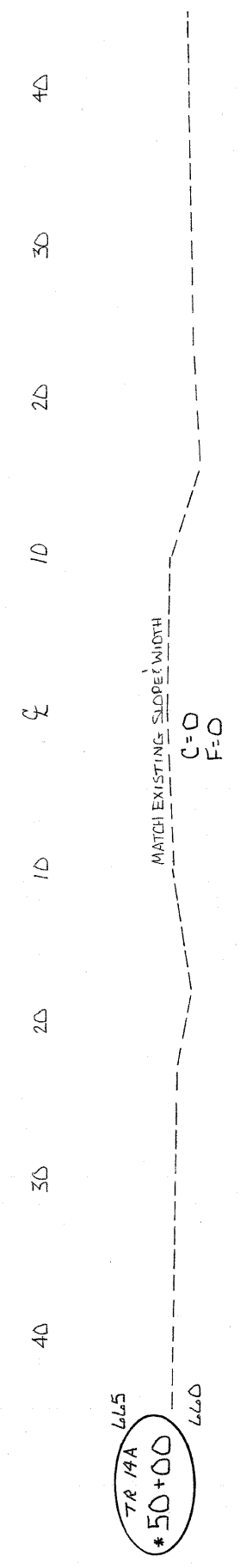
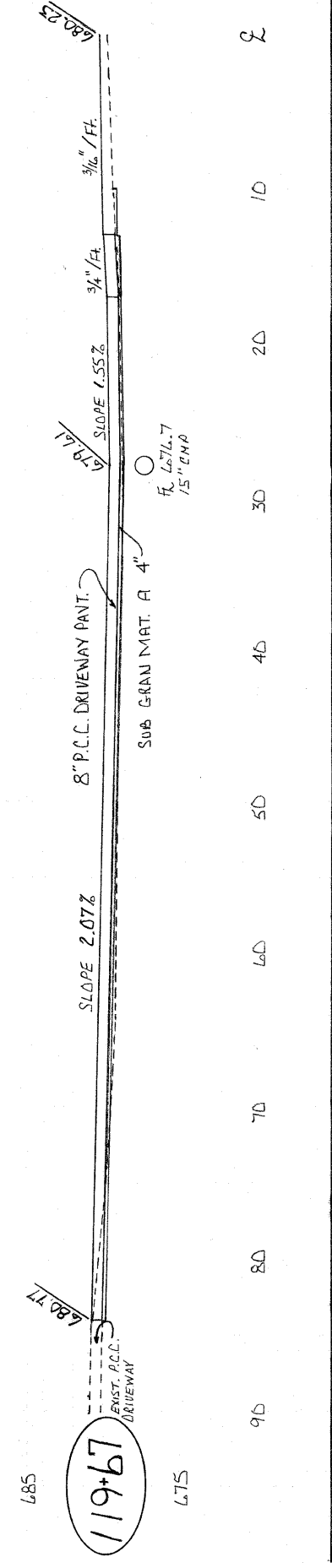
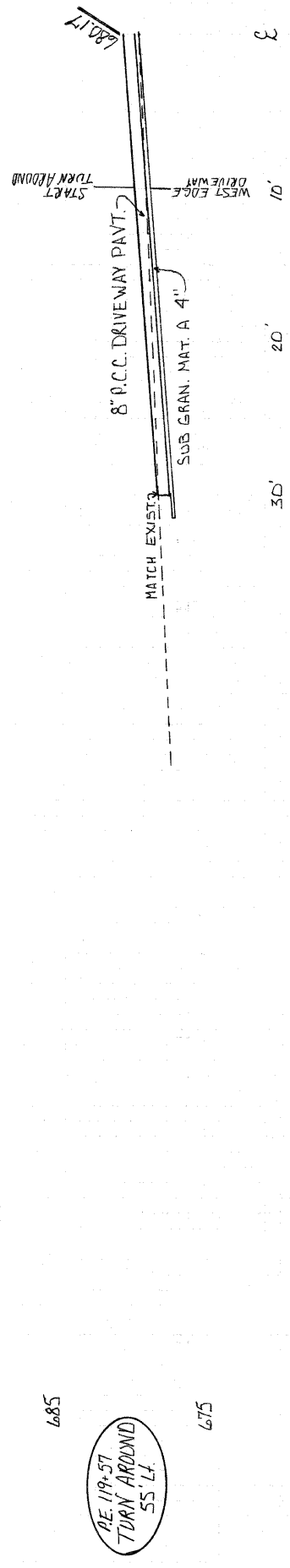


40 30 20 10 0 10 20 30 40

40 30 20 10 0 10 20 30 40



40 30 20 10 0 10 20 30 40

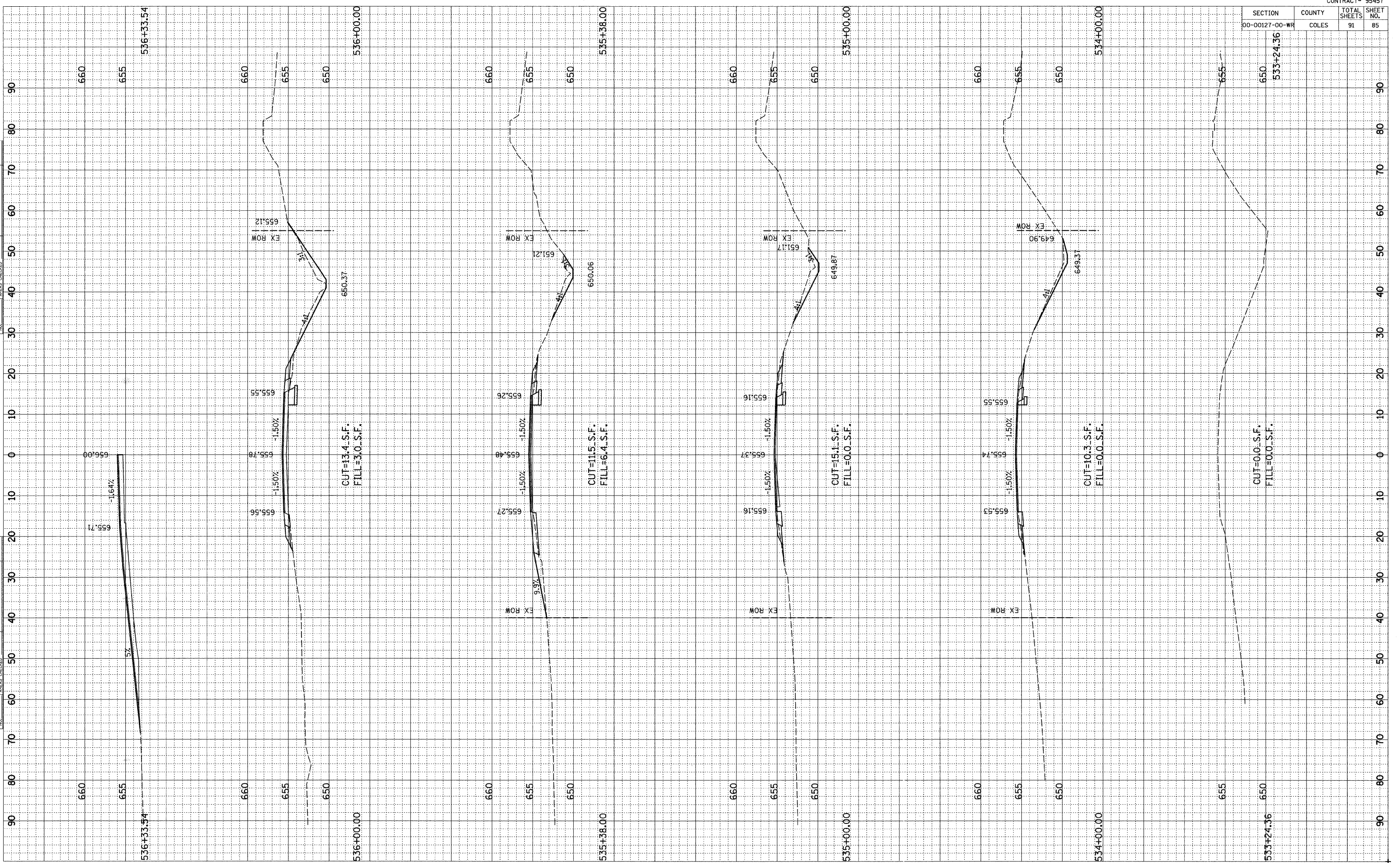


685  
675  
665  
655  
645  
635  
625  
680  
675  
680  
675

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	85

BY	DATE

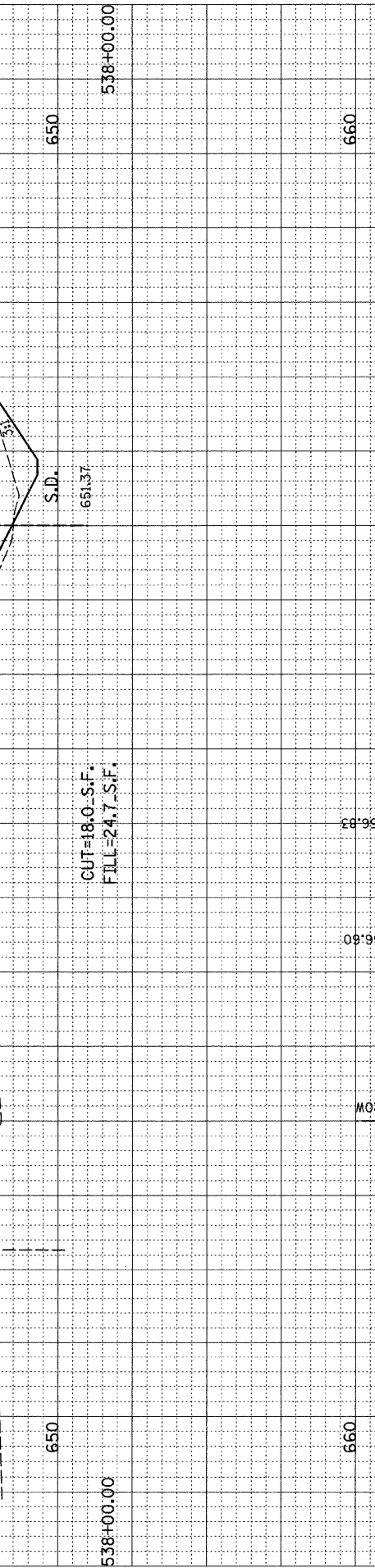
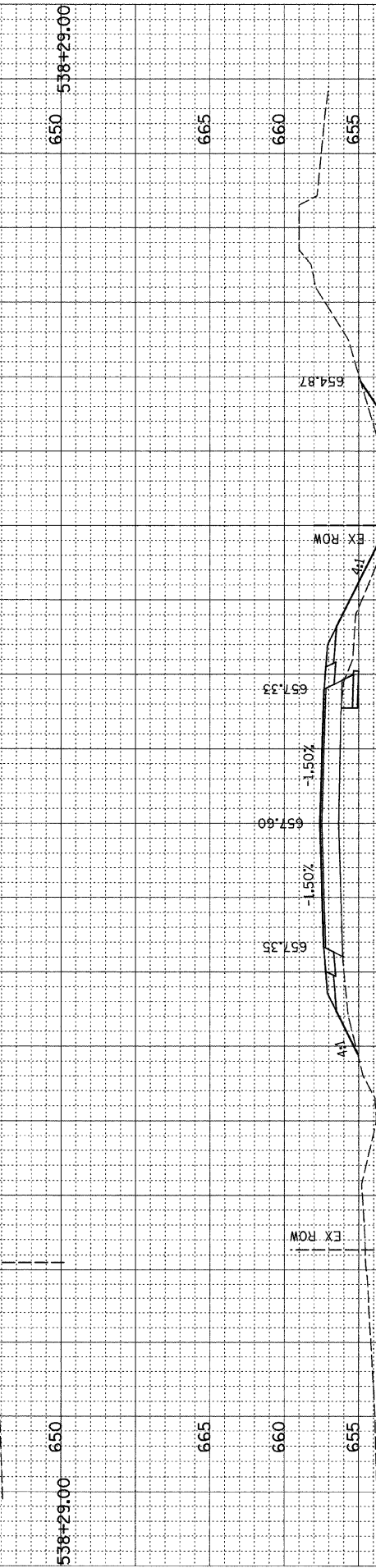
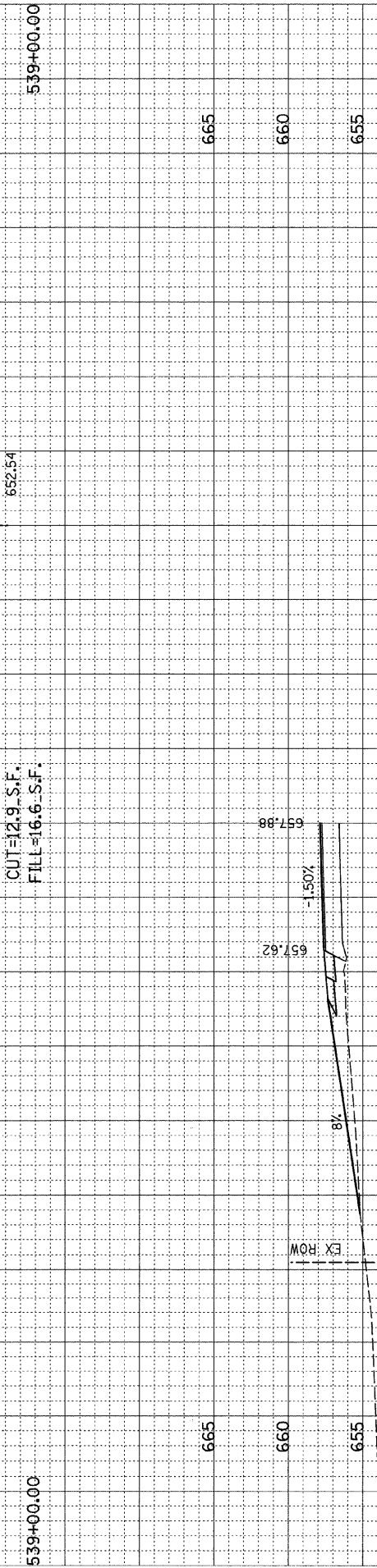
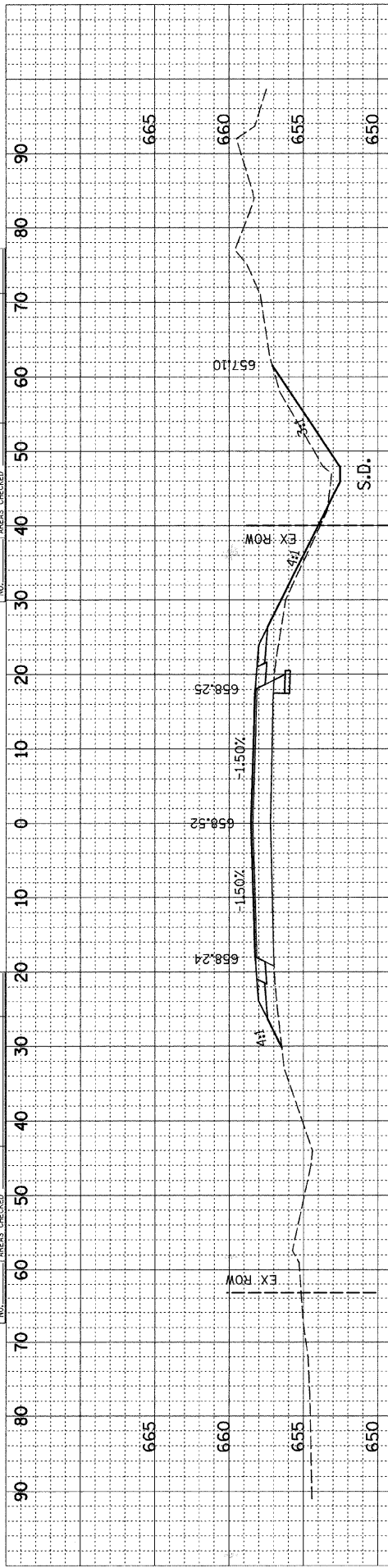
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	86

BY	DATE

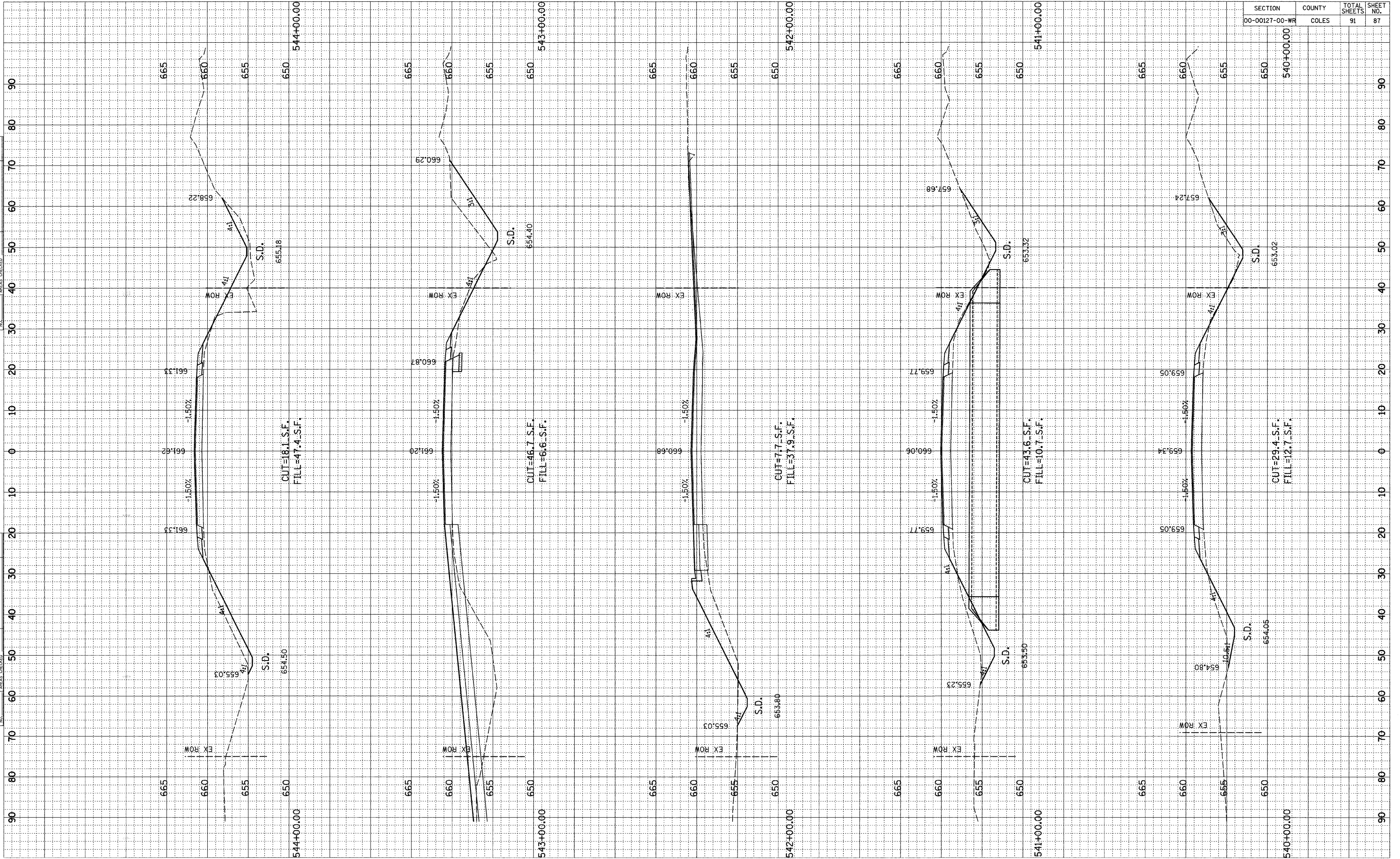
ORIGINAL SURVEY	SURVISED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	87

FINAL SURVEY	SURVEYED	DATE
NO.	NO.	NO.

ORIGINAL SURVEY	SURVEYED	DATE
NO.	NO.	NO.

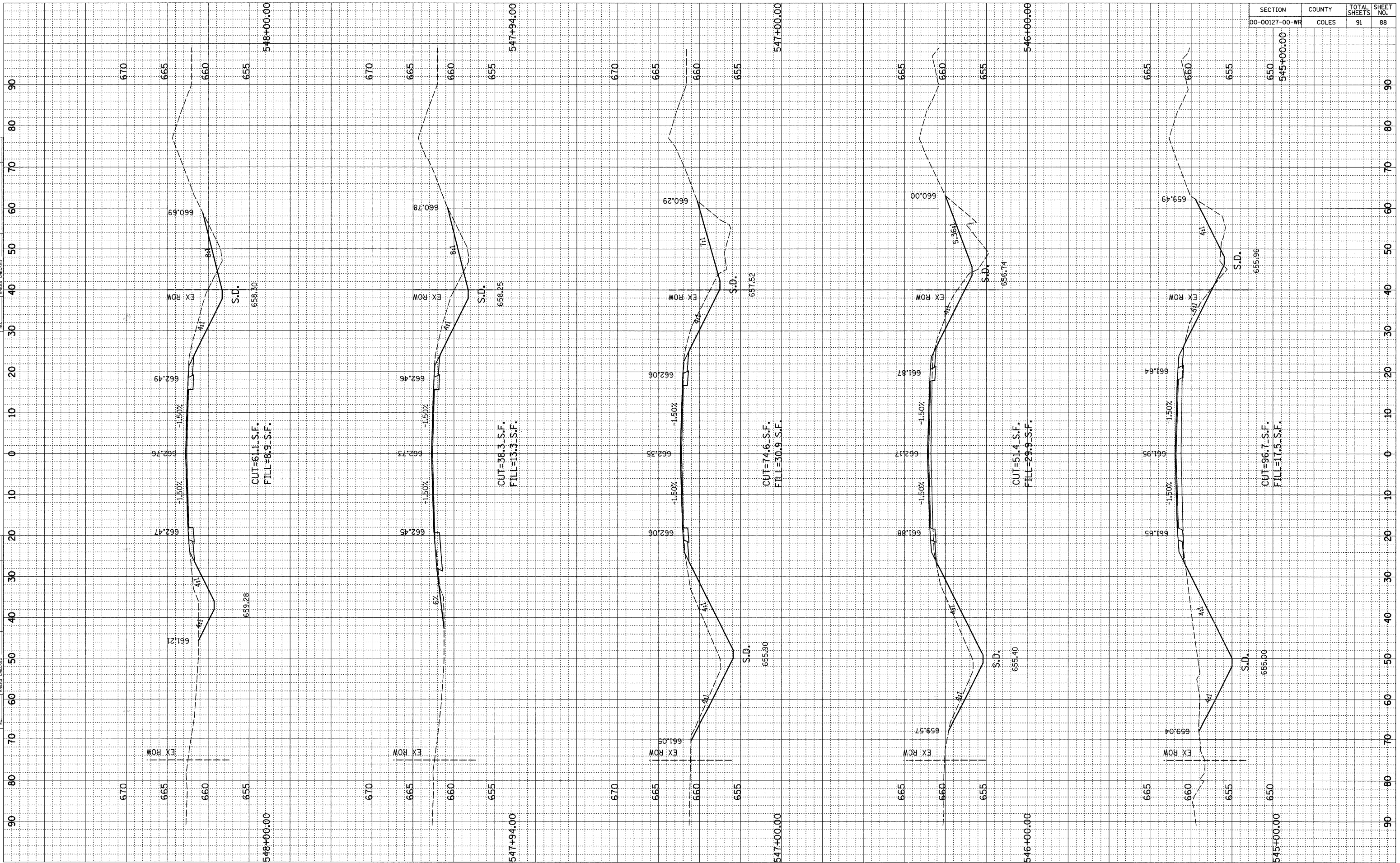


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	88

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED





SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00127-00-WR	COLES	91	89

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE

NO.	AREAS CHECKED

