

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	1
D-95-025-97				

UTILITY NOTE

THE LOCATIONS OF THOSE BURIED AND ABOVEGROUND UTILITIES SHOWN ARE APPROXIMATE, ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY, AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVEGROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REPORTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

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

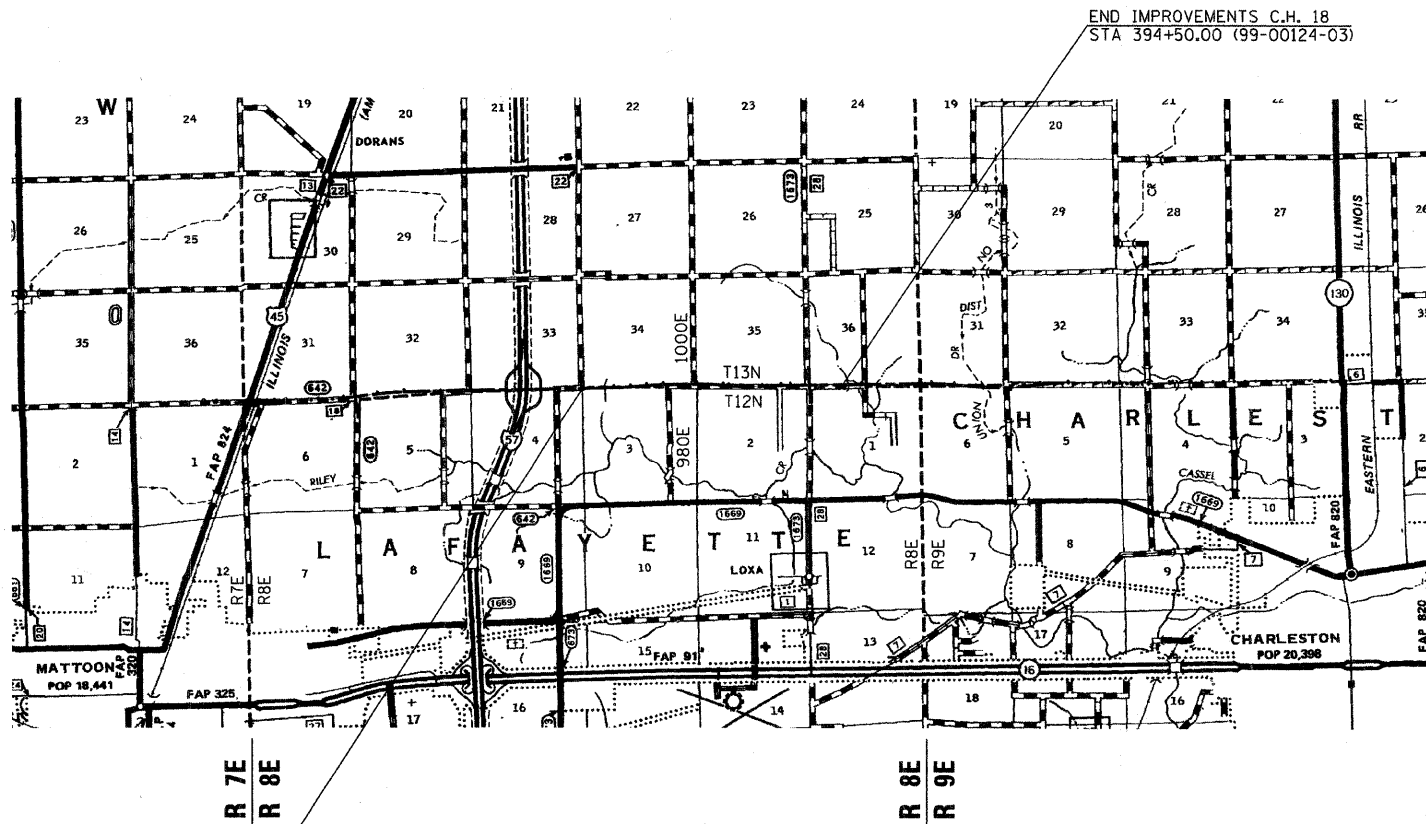
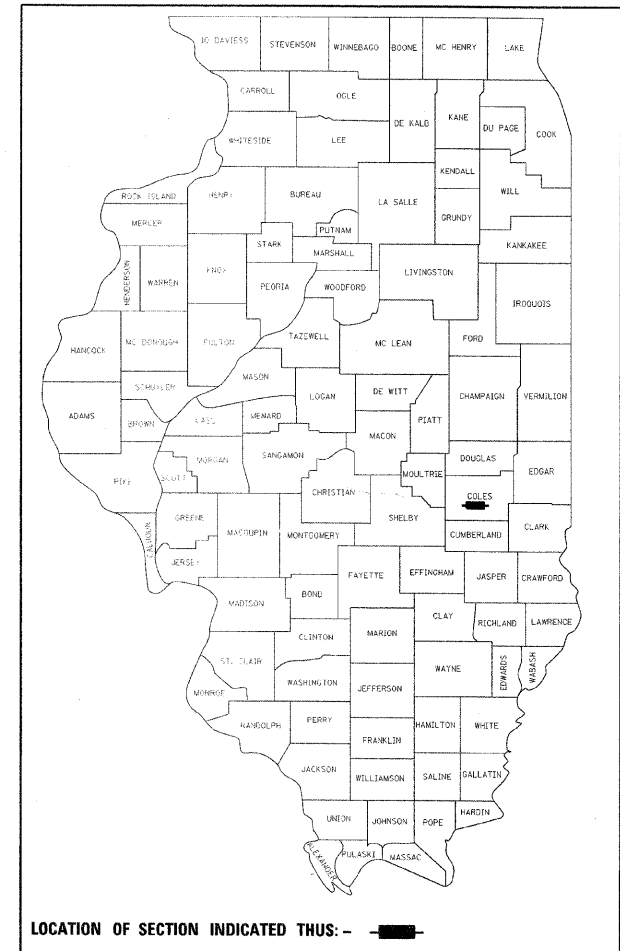
HUMBOLDT TOWNSHIP
LAFAYETTE TOWNSHIP

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS
FAS ROUTE 642 (C.H. 18)
SECTION 99-00124-03-PV
ARA-RS-642 (123)
COLES COUNTY
C-97-077-09

UTILITY NOTE

UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. 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 LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)89 0123.

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF STANDARDS, SEE SHEET NO. 2
FOR GENERAL NOTES, SEE SHEET NO. 6

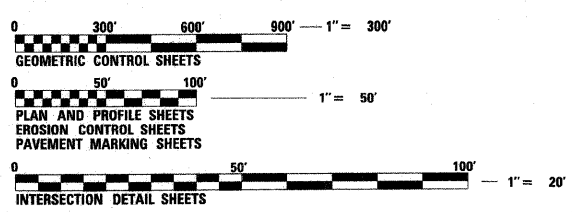


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HANSON



Susan K. McCormick
 SIGNATURE
 March 24, 2009
 DATE
 LIC. EXP. DATE: 11/30/2009

CONTRACT # 95580



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.

DESIGN DESIGNATION : ADT = 8,400
FUNCTIONAL CLASSIFICATION = MAJOR COLLECTOR
DESIGN SPEED = 60 mph
GROSS LENGTH OF PROJECT = 11,650 ft. (2.21 mi.)
NET LENGTH OF PROJECT = 11,650 ft. (2.21 mi.)

APPROVED	<i>M.A. J...</i>	MARCH 25	20 09
	COUNTY ENGINEER		
APPROVED			20
	ROAD COMMISSIONER		
PASSED	<i>M. ...</i>	4-16	20 09
	DISTRICT SEVEN ENGINEER OF LOCAL ROADS & STREETS		
Releasing For Bid Based on Limited Review	<i>Roger J. ...</i>	4-16	20 09
	DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER		
	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		

DESIGNED BY: SUSAN MCCORMICK - 217-788-2450
 03/24/09
 D.P. 12/26/03
 D.P. 12/26/03
 REVIEWED: SKM 01/29/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	2

D-95-025-97

INDEX OF SHEETS

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- 56-87 CROSS SECTIONS - PROPOSED C.H. 18
- 88 CROSS SECTIONS - 980E
- 89 CROSS SECTIONS - 1000E
- 90-93 CROSS SECTIONS - C.H. 28 (LOXA ROAD)
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LIST OF ILLINOIS DOT HIGHWAY STANDARDS (IN PROPOSAL BOOKLET)

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT REBARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 406201-01 MAILBOX TURNOUT
- 482001-02 BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 542301-02 PRECAST REINFORCED CONCRETE FLARED END SECTIONS
- 542406-01 METAL END SECTIONS FOR PIPE ARCHES
- 602401-02 MANHOLE-TYPE A
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 606401-01 PAVED DITCH
- 666001-01 RIGHT OF WAY MARKERS
- 667101-01 PERMANENT SURVEY MARKERS
- 701901-01 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 780001-02 TYPICAL PAVEMENT MARKINGS
- B.L.R. 21-0 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
- B.L.R. 22-6 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)



LAYOUT	SKM	12/26/03
DRAWN	DJP	12/26/03
REVIEWED	SKM	01/05/04

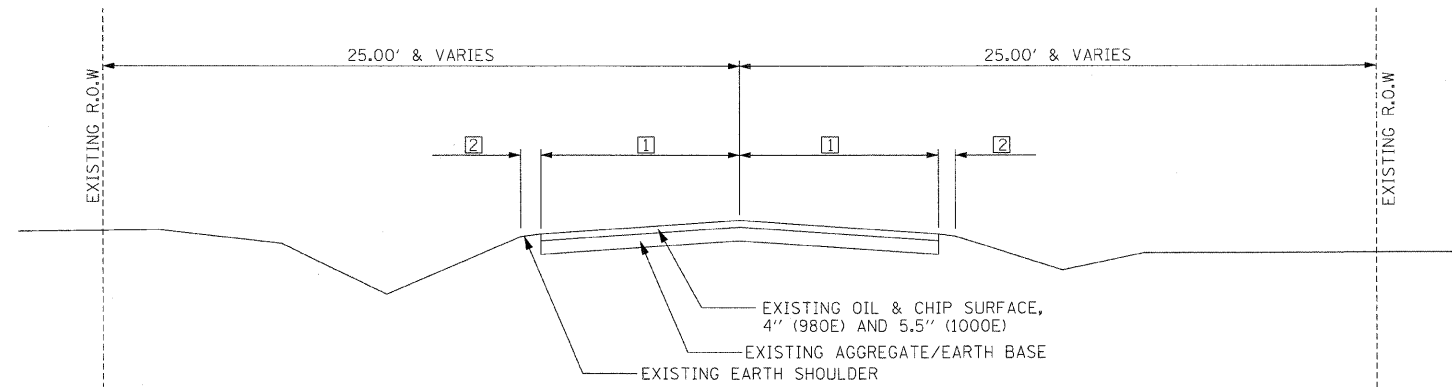
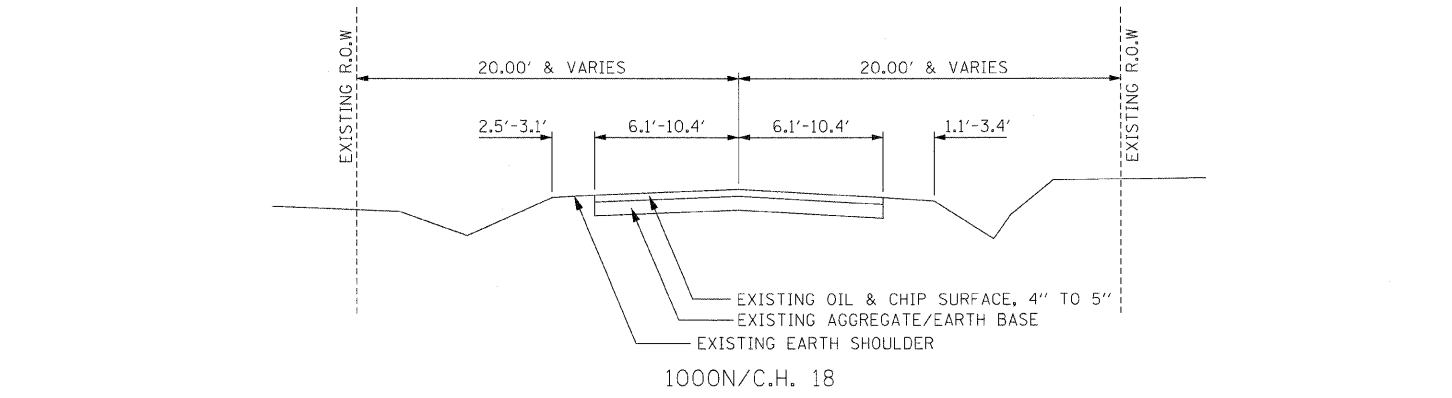
01/30/2009
1997 Plan 99-00124-03-PV

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INDEX OF SHEETS & HIGHWAY STD.
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

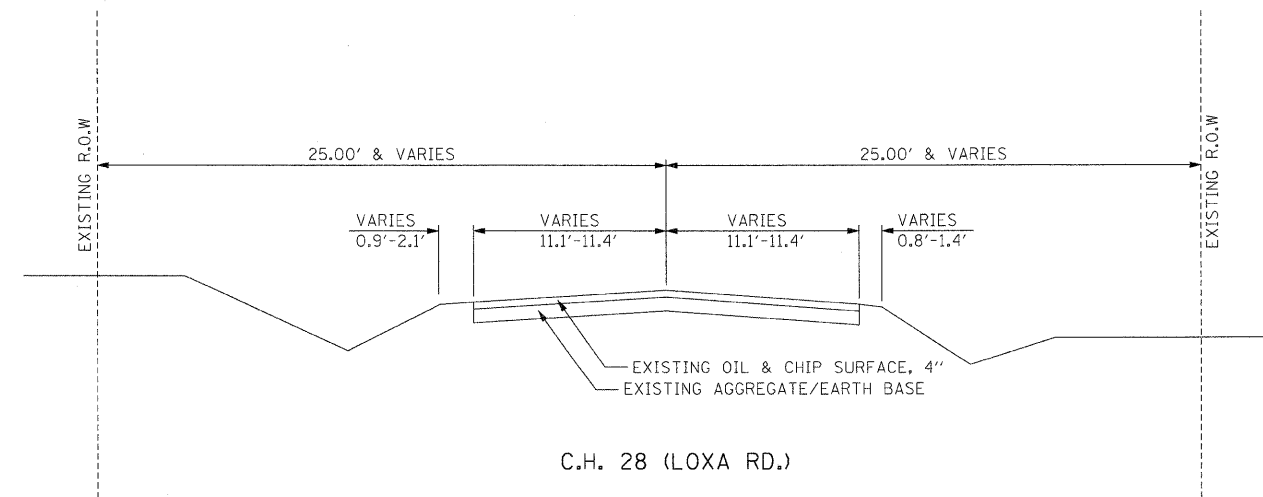
SCALE: NOT TO SCALE
 DATE 03/30/2009
 DRAWN BY DJP
 CHECKED BY SKM

F.A.S. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TOWNSHIP ROADS :

980E	-	1	8.7'
		2	VARIES 2.3' - 4.7'
1000E	-	1	8.4'
		2	VARIES 1.6' - 1.8'



NOTE: EXISTING TYPICAL SECTION INFORMATION IS APPROXIMATE AND SHOULD BE FIELD VERIFIED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXISTING TYPICAL SECTIONS
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 03/30/2009
 DRAWN BY SKM
 CHECKED BY JWM



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03/30/2009
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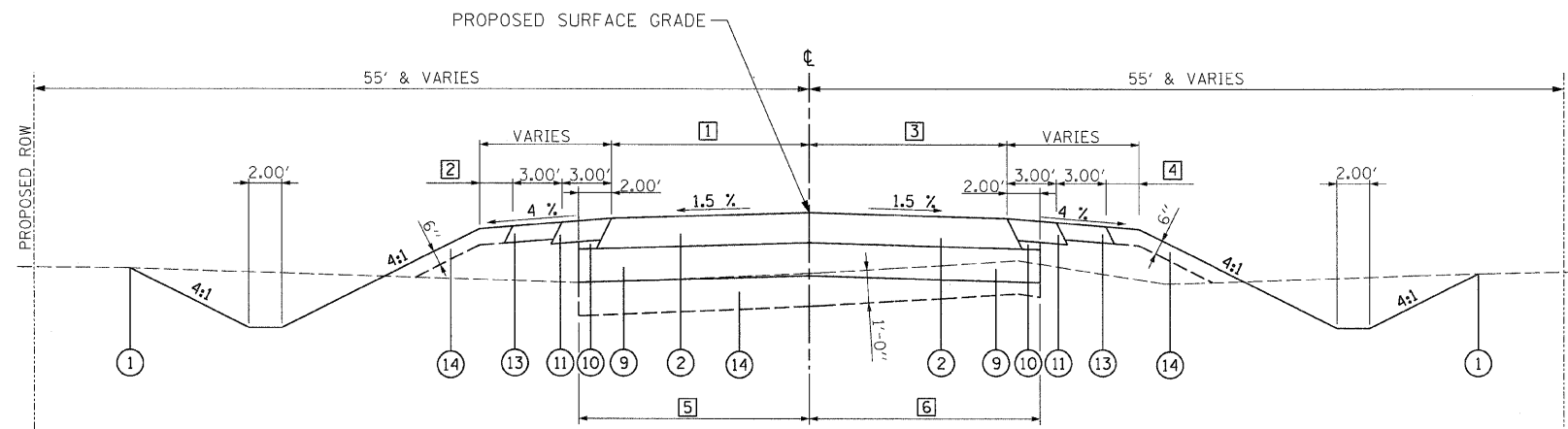
LAYOUT	SKM	12/26/03
DRAWN	SKM	12/26/03
REVIEWED	JWM	01/05/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PAVEMENT DESIGN INFORMATION
 C.H. 18:
 DESIGN PERIOD = 20 YRS.
 STRUCTURAL DESIGN TRAFFIC = 5080 (YEAR 2015)
 P.V. = 4572, S.U. = 305, M.U. = 203
 CLASS II ROAD
 SUBGRADE SUPPORT RATING = POOR

• HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11" CONSISTS OF:
 HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50, 2"
 HOT-MIX ASPHALT BINDER COURSE, IL 19, N50, 2 1/4"
 HOT-MIX ASPHALT BINDER COURSE, IL-19, N-50, 6 3/4"

•• HOT-MIX ASPHALT SHOULDERS 8" CONSISTS OF:
 HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50, 2"
 HOT-MIX ASPHALT SHOULDERS 6"



COUNTY HIGHWAY 18 (A)
 (BEG. OF PROJECT) STA. 278+00.00 TO STA. 394+50.00 (END OF PROJECT)

- ① EXISTING GROUND
- ② • HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 11"
- ③ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 8"
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
- ⑤ AGGREGATE BASE COURSE, TYPE A 10"
- ⑨ PROCESSING MODIFIED SOIL 12"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN ⑨)
- ⑪ •• HOT-MIX ASPHALT SHOULDERS, 8"
- ⑫ AGGREGATE SHOULDERS, TYPE A
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ TOPSOIL EXCAVATION AND PLACEMENT

① STA. 278+00.00 TO STA. 328+71.44 = 12'
 STA. 328+71.44 TO STA. 329+89.46 = SEE INTERSECTION DETAIL FOR 1000E, SHEET NO. 32
 STA. 329+89.46 TO STA. 380+41.49 = 12.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 394+50.00 = 12.00'

③ STA. 278+00.00 TO STA. 315+84.59 = 12.00'
 STA. 315+84.59 TO STA. 317+02.59 = SEE INTERSECTION DETAIL FOR 980E, SHEET NO. 32
 STA. 317+02.59 TO STA. 380+41.49 = 12.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 394+50.00 = 12.00'

② STA. 278+00.00 TO STA. 328+71.44 = 2.00'
 STA. 328+71.44 TO STA. 329+89.46 = SEE INTERSECTION DETAIL FOR 1000E, SHEET NO. 32
 STA. 329+89.46 TO STA. 373+54.47 = 2.00'
 STA. 373+54.47 TO STA. 376+68.22 = TRANSITION FROM 2.00' TO 8.00'
 STA. 376+68.22 TO STA. 380+41.49 = 8.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 385+10.29 = 20.00'
 STA. 385+10.29 TO STA. 387+89.86 = TRANS. FROM 20.00' TO 8.00'
 STA. 387+89.86 TO STA. 390+89.22 = TRANS. FROM 8.00' TO 2.00'
 STA. 390+89.22 TO STA. 394+50.00 = 2.00'

④ STA. 278+00.00 TO STA. 315+84.59 = 2.00'
 STA. 315+84.59 TO STA. 317+02.59 = SEE INTERSECTION DETAIL FOR 980E, SHEET NO. 32
 STA. 317+02.59 TO STA. 373+54.47 = 2.00'
 STA. 373+54.47 TO STA. 376+68.22 = TRANSITION FROM 2.00' TO 8.00'
 STA. 376+68.22 TO STA. 379+47.91 = TRANSITION FROM 8.00' TO 20.00'
 STA. 379+47.91 TO STA. 380+41.49 = 20.00'
 STA. 380+41.49 TO STA. 384+00.13 = SEE INTERSECTION DETAIL FOR C.H. 28, SHEET NO. 33
 STA. 384+00.13 TO STA. 388+00.17 = 8.00'
 STA. 388+00.17 TO STA. 390+89.22 = TRANS. FROM 8.00' TO 2.00'
 STA. 390+89.22 TO STA. 394+50.00 = 2.00'

⑤ STA. 278+00.00 TO STA. 328+00.00 = 28.83'
 STA. 328+00.00 TO STA. 330+00.00 = 0.00'
 STA. 330+00.00 TO STA. 340+00.00 = 28.83'
 STA. 340+00.00 TO STA. 350+00.00 = 0.00'
 STA. 350+00.00 TO STA. 356+00.00 = 28.83'
 STA. 356+00.00 TO STA. 394+50.00 = 0.00'

⑥ STA. 278+00.00 TO STA. 328+00.00 = 28.83'
 STA. 328+00.00 TO STA. 330+00.00 = 0.00'
 STA. 330+00.00 TO STA. 340+00.00 = 28.83'
 STA. 340+00.00 TO STA. 350+00.00 = 0.00'
 STA. 350+00.00 TO STA. 356+00.00 = 28.83'
 STA. 356+00.00 TO STA. 394+50.00 = 0.00'

- NOTES :
- 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 - 2 PAVE THE 2" SURFACE COURSE LIFT OF THE HOT-MIX ASPHALT SHOULDER SIMULTANEOUSLY WITH THE 2" SURFACE COURSE LIFT OF THE HOT-MIX ASPHALT PAVEMENT TO ELIMINATE THE JOINT AT THE EDGE OF PAVEMENT.
 - 3 SEE CROSS SECTIONS FOR TOPSOIL EXCAVATION AND PLACEMENT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTION
 C.H. 18
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 03/30/2009
 DRAWN BY SKM
 CHECKED BY JWM



LAYOUT	SKM	12/26/03
DRAWN	SKM	12/26/03
REVIEWED	JWM	01/05/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	5
STA. TO STA.		FED. AID PROJECT		

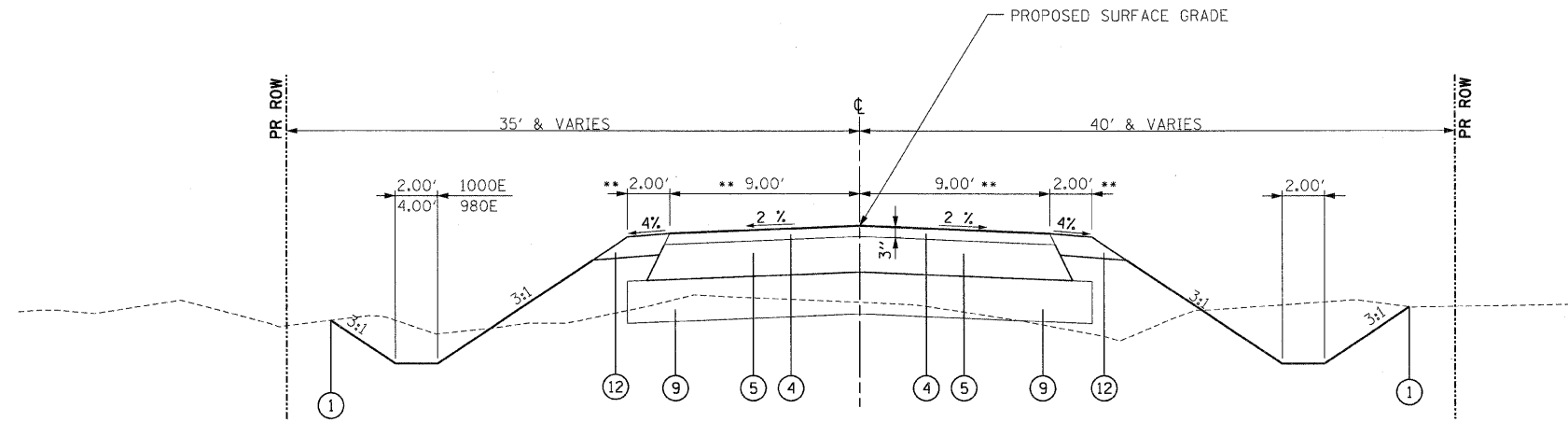
PAVEMENT DESIGN INFORMATION
 C.H. 28:
 DESIGN PERIOD = 20 YRS.
 STRUCTURAL DESIGN TRAFFIC = 1765 (YEAR 2015)
 P.V. = 1553, S.U. = 124, M.U. = 88
 CLASS III ROAD
 SUBGRADE SUPPORT RATING = POOR

980E & 1000E:
 DESIGN PERIOD = 20 YRS.
 STRUCTURAL DESIGN TRAFFIC = 205 (YEAR 2015)
 P.V. = 180, S.U. = 19, M.U. = 6
 CLASS IV ROADS
 SUBGRADE SUPPORT RATING = POOR

* HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 8" CONSISTS OF:
 HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50, 2"
 HOT-MIX ASPHALT BINDER COURSE, IL 19, N50, 2 1/4"
 HOT-MIX ASPHALT BINDER COURSE, IL 19, N50, 3 3/4"

- ① EXISTING GROUND
- ② HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 11"
- ③ * HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) 8"
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
- ⑤ AGGREGATE BASE COURSE, TYPE A 10"
- ⑨ PROCESSING MODIFIED SOIL 12"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN ⑨)
- ⑪ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑫ AGGREGATE SHOULDERS, TYPE A
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"

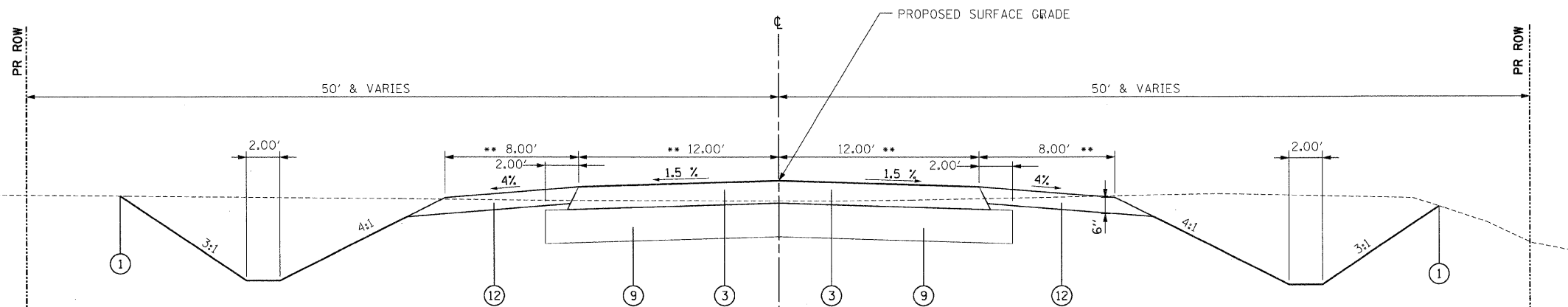
NOTES : 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 2 TRANSITION PROPOSED TYPICAL SECTION WIDTHS TO EXISTING WIDTHS IN 100' AT THE BEGINNING AND/OR ENDS OF THE IMPROVEMENT.



TOWNSHIP ROADS : (C) ** SEE NOTE 2, THIS SHEET

980E - STA. 7+00.00 TO STA. 10+00.00
 SEE INTERSECTION DETAIL, SHEET NO. 32, FOR STA. 9+37.77 TO STA. 10+00.00

1000E - STA. 10+00.00 TO STA. 12+25.00
 SEE INTERSECTION DETAIL, SHEET NO. 32, FOR STA. 10+00.00 TO STA. 10+62.19



COUNTY HIGHWAY : (B) ** SEE NOTE 2, THIS SHEET

C.H. 28 - STA. 81+54.32 TO STA. 98+94.04
 SEE INTERSECTION DETAIL, SHEET NO. 33, FOR STA. 88+29.39 TO STA. 91+80.18

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 TOWNSHIP ROADS / COUNTY HIGHWAY
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 03/30/2009
 DRAWN BY SKM
 CHECKED BY JWM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	6

D-95-025-97

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED METRIC UNITS ARE FOR INFORMATION ONLY.

G.N. 202
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N. 250C
SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-302
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 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PROCESSING LIME MODIFIED SOILS OF THE DEPTH SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.406D
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER. THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-540
THE CONTRACTOR SHALL ASSEMBLE AND MATCH-MARK THE PRECAST BOX CULVERT SECTIONS AND END SECTIONS PRIOR TO SHIPMENT OF THESE COMPONENTS FROM THE MANUFACTURER, AND AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER FIT ON EACH JOINT. ANY SECTIONS OR END SECTIONS WHICH DO NOT PROVIDE A PROPER FIT AT THE JOINT SHALL BE REJECTED BY THE ENGINEER AND REPLACED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR PRECAST CONCRETE BOX CULVERTS OF THE SIZE SPECIFIED.

G.N.-542
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-542.07
AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

G.N.-542B
ALL THE ENTRANCE CULVERTS LENGTHS SHOWN IN THE PLANS WERE CALCULATED WITH THE ASSUMPTION THAT METAL PIPES AND METAL END SECTION WOULD BE USED.

G.N.-542D
THIS WORK SHALL CONSIST OF REPLACING THE EXISTING ENTRANCE CULVERTS AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. PRIOR TO REPLACING THE CULVERT THE DITCH SHALL BE CLEANED FOR 25 FEET EACH WAY FROM THE ENDS OF THE CULVERT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE CULVERTS OF THE TYPE AND SIZE SPECIFIED AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THE WORK AS HEREIN SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

G.N.-1004.03
REVISE ARTICLE 1004.03 (c) NOTE 5/ OF THE STANDARD SPECIFICATIONS TO READ:
"5/ GRADATION CA-16 SHALL BE USED IN LIEU OF CA-13 WHEN THE SURFACE COURSE IS LESS THAN 1 3/4 INCHES IN THICKNESS. CA-13 OR CA-16 MAY BE USED WHEN THE SURFACE COURSE IS 1 3/4 INCHES OR MORE IN THICKNESS."

THE FOLLOWING IS A LIST OF NAMES OF IDENTIFIED UTILITY COMPANIES HAVING UTILITIES LOCATED ALONG THIS SECTION. COLES MOULTRIE ELECTRIC COOPERATIVE, ILLINOIS CONSOLIDATED TELEPHONE COMPANY, EMMBARRAS AREA WATER DISTRICT, AND AMEREN CIPS.

THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENT OVER THOSE SHOWN ON STANDARD 000001 IF THERE IS A CONFLICT.

THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE. BURIED UTILITIES ARE NOT SHOWN ON THE CROSS SECTIONS. THE CONTRACTOR SHALL OBTAIN EXACT UTILITY LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

ADDITIONAL DEPTH REQUIRED IN DRAINAGE STRUCTURES DUE TO CONFLICTS WITH OTHER UTILITY LINES WILL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR DRAINAGE STRUCTURES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY ADJUSTMENTS SHALL BE MADE BY THE UTILITY COMPANIES UNLESS NOTED OTHERWISE.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

A TEST STRIP SHALL BE CONSTRUCTED FOR EACH HMA MATERIAL TYPE.

THE FOLLOWING CONVERSION FACTORS WERE USED TO COMPUTE QUANTITIES:
BITUMINOUS MATERIALS (PRIME COAT) 0.10 GAL./SQ.YD. (BETWEEN BINDER AND SURFACE COURSE)
0.50 GAL./SQ.YD. (ON AGGREGATE BASES)

AGGREGATE SURFACE COURSE, TYPE B 2.05 TONS/C.Y.

AGGREGATE SHOULDERS, TYPE A 135 LBS/C.F.

INCIDENTAL HMA SURFACING 112 LBS/S.Y./IN.

A 12" LAYER OF LIME IMPROVED SUBGRADE WITH A TREATMENT RATE OF 4.5% (45 LBS OF BY-PRODUCT LIME AND 5 GALLONS OF WATER PER SQUARE YARD OF SUBGRADE SOIL PROCESSED 1 FOOT DEEP) WAS USED FOR ESTIMATING QUANTITIES. THE EXACT PERCENT OF LIME WILL BE DETERMINED BY TESTING REPRESENTATIVE SUBGRADE SOIL SAMPLES WITH THE BY-PRODUCT LIME TO BE USED ON THE JOB.

CONTRACTOR SHALL NOT DENY PROPERTY OWNERS ACCESS TO THEIR CURRENT ACCESS AND FARMING ROUTES WHICH THEY CURRENTLY USE FOR ALL PROPERTIES THEY FARM DURING PLANTING AND HARVEST TIMES (APRIL 1st TO NOVEMBER 1st OF EACH YEAR).

ELEVATION DATA IS BASED ON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD29).

PROPOSED CULVERT INVERT ELEVATIONS ARE BASED ON INFORMATION FROM AERIAL MAPPING. THE CONTRACTOR SHALL VERIFY EXISTING GROUND ELEVATIONS AT CULVERT LOCATIONS. THE ENGINEER MAY ADJUST PROPOSED INVERT ELEVATIONS WHERE NECESSARY TO MEET ACTUAL FIELD CONDITIONS.

GN 406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	CH 18	CH 18 / CH 28	CH 18 / CH 28	CH 28	980E / 1000E	ALL	ALL
MIXTURE USE(S):	2" POLYMER SURFACE	TOP 2.25" POLYMER BINDER	BOTTOM BINDER	2" POLYMER SURFACE	SURFACE & ALL INCIDENTAL	TOP 2" ALL BIT. SHOULDER	BOTTOM SHOULDER LIFTS (2 1/4" MIN. LIFT)
AC/PG:	SBS PG 70-22	SBS PG 64-22	PG 64-22	SBS PG 70-22	PG 64-22	PG 58-22	PG 58-22
	0	0	25	0	30	30	30
DESIGN AIR VOIDS:	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 50	3.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0	IL 9.5	IL 9.5L	IL 9.5L	IL 19.0L
FRICTION AGGREGATE:	MIX D	N.A.	N.A.	MIX C	MIX C	MIX C	N.A.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DATE: 03/31/2009
DRAWN BY: DJP
CHECKED BY: SKM



LAYOUT SKM 12/26/03
DRAWN DJP 12/26/03
REVIEWED SKM 01/05/04
03/31/2009
ASST. Jobs of 6/20/09 CHN/Sheep-c-0036491

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 20200100	EARTH EXCAVATION	CU YD	22826
20400800	FURNISHED EXCAVATION	CU YD	63090
20800150	TRENCH BACKFILL	CU YD	1057
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6932
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	13915
25000200	SEEDING, CLASS 2	ACRE	28.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2568
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2568
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2568
25000700	AGRICULTURAL GROUND LIMESTONE	TON	57.0
25100115	MULCH, METHOD 2	ACRE	28.5
25100630	EROSION CONTROL BLANKET	SQ YD	5567
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2850
28000300	TEMPORARY DITCH CHECKS	EACH	92
28000400	PERIMETER EROSION BARRIER	FOOT	8518
28000500	INLET AND PIPE PROTECTION	EACH	13
28100105	STONE RIPRAP, CLASS A3	SQ YD	454
28100107	STONE RIPRAP, CLASS A4	SQ YD	1062
28100109	STONE RIPRAP, CLASS A5	SQ YD	878
28200200	FILTER FABRIC	SQ YD	2394
30200650	PROCESSING MODIFIED SOIL 12"	SQ YD	44162
30201500	LIME	TON	993.6
35100400	AGGREGATE BASE COURSE, TYPE A 5"	SQ YD	62
35100900	AGGREGATE BASE COURSE, TYPE A 10"	SQ YD	805
* 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	337
* 40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	4922
40600895	CONSTRUCTING TEST STRIP	EACH	4
40603510	POLYMERIZED HOT-MIX ASPHALT SURFACE, MIX "C", N50	TON	1218
40701841	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 8"	SQ YD	3675
40701901	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"	SQ YD	33601
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	31
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	11

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 48100100	AGGREGATE SHOULDERS, TYPE A	TON	957
* 48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	7777
* 48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	7916
50105220	PIPE CULVERT REMOVAL	FOOT	531
54001000	BOX CULVERT END SECTIONS	EACH	2
54010603	PRECAST CONCRETE BOX CULVERT 6' x 3'	FOOT	656
54010805	PRECAST CONCRETE BOX CULVERT 8' x 5'	FOOT	224
54020603	PRECAST CONCRETE BOX CULVERT 6' x 3' (M273)	FOOT	28
54200451	PIPE CULVERTS, TYPE 1 RCCP 36"	FOOT	523
54207789	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM, EQUIVALENT ROUND-SIZE 24"	FOOT	673
54207801	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM, EQUIVALENT ROUND-SIZE 36"	FOOT	332
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	17
54215769	METAL END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	32
54215781	METAL END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	14
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	2093
** 60100915	PIPE DRAINS 6"	FOOT	100
** 60100925	PIPE DRAINS 8"	FOOT	100
** 60100935	PIPE DRAINS 10"	FOOT	100
** 60100945	PIPE DRAINS 12"	FOOT	50
** 60100955	PIPE DRAINS 15"	FOOT	50
60222250	MANHOLES, TYPE A, 5' - DIAMETER, TYPE 37 GRATE	EACH	3
* 60231400	MANHOLES, SPECIAL, 5' - DIAMETER	EACH	1
* **60614600	PAVED DITCH (SPECIAL)	FOOT	200
** 61100605	MISCELLANEOUS CONCRETE	CU YD	32
** 61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	5000
** 61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	20
* 66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	96
67000300	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	9
67100100	MOBILIZATION	L SUM	1

- * SEE SPECIAL PROVISIONS.
- ** PAY ITEMS USED FOR FIELD TILE REPLACEMENT TO BE DETERMINED DURING EXPLORATION TRENCHING BY RESIDENT ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 03/30/2009
 DRAWN BY KET
 CHECKED BY SKM



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03/30/2009
 197 Jobs for 20200/Civil/Sheet-C-60_03sum.dgn
 LAYOUT KET 03/05/03
 DRAWN KET 03/05/03
 REVIEWED SKM 10/04/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE - CONTRACT 3

STA. TO STA.	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION OR WASTE (-) CU YD	SEEDING, CLASS 2 (SPECIAL) ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHERUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	AGRICULTURAL GROUND LIMESTONE TON	MULCH METHOD 2 ACRE
COUNTY HIGHWAY 18										
278+00.00 TO 315+84.59	5839	4379	24400	20021	8.2	738	738	738	16.4	8.2
317+02.59 TO 328+71.44	1157	868	5212	4344	2.8	252	252	252	5.6	2.8
329+89.46 TO 380+41.49	7833	5875	31109	25234	11.2	1008	1008	1008	22.4	11.2
384+00.13 TO 394+50.00	1641	1231	4736	3505	2.0	180	180	180	4.0	2.0
TOWNSHIP ROAD 980E										
7+00 TO 9+37.77	177	133	128	-5	0.2	18	18	18	0.4	0.2
TOWNSHIP ROAD 1000E										
10+62.19 TO 12+25.00	113	85	100	15	0.1	9	9	9	0.2	0.1
COUNTY HIGHWAY 28										
81+54.32 TO 88+29.39	1191	893	684	-209	1.2	108	108	108	2.4	1.2
91+80.35 TO 98+94.04	1957	1468	853	-615	1.2	108	108	108	2.4	1.2
INTERSECTIONS										
CH18 WITH TR 980E	100	75	1204	1129	0.2	18	18	18	0.4	0.2
CH18 WITH TR 1000E	45	34	963	929	0.3	27	27	27	0.6	0.3
CH18 WITH CH 28	581	436	9010	8574	1.0	90	90	90	2.0	1.0
ENTRANCES										
FIELD AND PRIVATE	471	353	1810	1457	0.0	0	0	0	0.0	0.0
CULVERTS										
STILLING BASINS	277	208	0	-208	0.0	0	0	0	0.0	0.0
OUTLET PROTECTION	868	651	0	-651	0.0	0	0	0	0.0	0.0
COUNTY HIGHWAY 18										
394+50.00 TO 407+00.00	575	431	0	-431	0.1	12	12	12	0.2	0.1
PROJECT TOTAL	22826	17119	80209	63090*	28.5	2568	2568	2568	57.0	28.5

* FURNISHED EXCAVATION

EXPLORATION TRENCH 52" DEPTH

ROADWAY	BEG STA	END STA	OFFSET	LENGTH (FOOT)
CH18	278+00.00	394+50.00	LT @ ROW	11,651
980E	7+00.00	10+00.00	LT @ ROW	300
1000E	10+00.00	12+25.00	LT @ ROW	225
C.H. 28	81+54.32	98+94.04	LT @ ROW	1,740
CONTRACT TOTAL				13,915

BITUMINOUS MATERIALS (PRIME COAT) 40800010

ROADWAY	STATION	OFFSET	RATE (GAL/SQ YD)	QUANTITY (GALLON)
CH18	322+90.38	RT	0.50	7
CH18	352+75.47	LT	0.50	7
CH18	354+38.50	LT	0.50	6
CH18	369+31.18	RT	0.50	11
CONTRACT TOTAL				31

BOX CULVERT END SECTIONS

ROADWAY	STA	QUANTITY (EACH)
CH18	287+30.00	2
CONTRACT TOTAL		2

AGGREGATE SURFACE COURSE, TYPE B

ROADWAY	STA	OFFSET	QUANTITY (TON)
CH18	289+58.18	LT	14.0
CH18	290+43.07	RT	14.0
CH18	315+00.00	LT	7.5
CH18	316+43.35	LT	7.5
CH18	321+33.88	RT	37
CH18	322+90.38	RT	27.0
CH18	329+30.24	RT	7.5
CH18	336+47.65	RT	7.5
CH18	336+47.65	LT	7.5
CH18	342+26.99	LT	7.5
CH18	344+00.00	RT	7.5
CH18	344+00.00	LT	7.5
CH18	352+00.00	LT	7.5
CH18	352+75.47	LT	18
CH18	354+38.50	LT	21
CH18	356+25.00	RT	7.5
CH18	365+00.00	RT	7.5
CH18	365+00.00	LT	7.5
CH18	369+31.18	RT	44
CH18	373+00.00	RT	7.5
CH18	373+00.00	LT	7.5
CH18	385+30.00	LT	20
CH28	86+86.93	RT	26
980E	8+00.00	LT	11
CONTRACT TOTAL			337

AGGREGATE SHOULDERS, TYPE A

ROADWAY	BEG STA	END STA	SHOULDER LENGTH	WEIGHT (LBS/FT3)	X-SECTION AREA OF SHOULDER	QUANTITY (TONS)
CH28	81+54.32	88+29.39	1319	135.0	4.6	410
CH28	91+80.18	98+94.04	1428	135.0	4.6	443
980E	7+00.00	9+37.77	441	135.0	2.0	60
1000E	10+62.19	12+25.00	326	135.0	2.0	44
CONTRACT TOTAL						957

WATER

PROCESSING LIME MODIFIED SOILS 12"	44162	SO YD
GALLONS OF WATER/SO YD OF LIME MODIFIED SOILS 12"	5	GALLON
TOTAL GALLONS OF WATER	220810	GALLON
TOTAL UNITS OF WATER	221.0	UNIT

LIME

PROCESSING LIME MODIFIED SOILS 12"	44162	SO YD
POUNDS OF LIME/SO YD OF LIME MODIFIED SOILS 12"	45	POUND
TOTAL TONS OF LIME	993.6	TON

AGGREGATE BASE COURSE, TYPE A 5"

ROADWAY	STATION	OFFSET	QUANTITY (SQ YD)
CH18	322+90.38	RT	14
CH18	352+75.47	LT	13
CH18	354+38.50	LT	13
CH18	369+31.18	RT	22
CONTRACT TOTAL			62

AGGREGATE BASE COURSE, TYPE A 10"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)
980E	7+00.00	9+37.77	475
1000E	10+62.19	12+25.00	330
CONTRACT TOTAL			805

STONE RIPRAP, CLASS A3

ROADWAY	STATION	AREA (SQ YD)
CH18	290+43.07	61
CH18	312+39.00	61
CH18	315+00.00	61
CH18	316+43.35	61
CH18	365+00.00, LT	61
CH18	365+00.00, RT	61
CH18	88+56.00	47
CH18	97+64.00	41
CONTRACT TOTAL		454

FILTER FABRIC FOR USE WITH A3

ROADWAY	STATION	AREA (SQ YD)
CH18	290+43.07	61
CH18	312+39.00	61
CH18	315+00.00	61
CH18	316+43.35	61
CH18	365+00.00, LT	61
CH18	365+00.00, RT	61
CH18	88+56.00	47
CH18	97+64.00	41
CONTRACT SUB TOTAL		454

STONE RIPRAP, CLASS A4

ROADWAY	STATION	AREA (SQ YD)
CH18	288+00 TO 289+18	145
CH18	316+09.00	88
CH18	328+75.00	17
CH18	329+85.00	17
CH18	349+85.00 (U.S.)	27
CH18	349+85.00 (D.S.)	27
CH18	369+31.18	48
CH18	371+50.00	17
CH18	372+00.00	17
CH18	382+30.00 (U.S.)	107
CH18	382+30.00 (D.S.)	171
CH18	391+00.00 (U.S.)	17
CH18	391+00.00 (D.S.)	17
980E	8+00.00	69
CH28	82+28.00	16
CH18 STA. 404+30 TO STA. 406+65 262		
CONTRACT SUB TOTAL		1062

FOR USE WITH A4

ROADWAY	STATION	AREA (SQ YD)
CH18	288+00 TO 289+18	145
CH18	316+09.00	88
CH18	328+75.00	17
CH18	329+85.00	17
CH18	349+85.00 (U.S.)	27
CH18	349+85.00 (D.S.)	27
CH18	369+31.18	48
CH18	371+50.00	17
CH18	372+00.00	17
CH18	382+30.00 (U.S.)	107
CH18	382+30.00 (D.S.)	171
CH18	391+00.00 (U.S.)	17
CH18	391+00.00 (D.S.)	17
980E	8+00.00	69
CH28	82+28.00	16
CH18 STA. 404+30 TO STA. 406+65 262		
CONTRACT SUB TOTAL		1062

PIPE CULVERT REMOVAL

ROADWAY	STATION	OFFSET	CULVERT DIA. (IN.)	LENGTH
CH18	316+50.00	RT	15	30
CH18	321+30.00	RT	15	30
CH18	329+25.00	RT	15	30
CH18	336+50.00	RT	15	30
CH18	342+25.00	RT	12	28
CH18	349+85.00	LT	24	25
CH18	352+00.00	LT	15	30
CH18	352+50.00	LT	12	17
CH18	354+75.00	LT	12	32
CH18	365+00.00	LT	N/A	28
CH18	369+30.00	RT	15	28
CH18	371+94.00	CL	24	30
CH18	382+00.00	LT	12	22
CH18	382+06.00	CL	15	44
CH18	382+35.00	LT	12	22
CH18	382+50.00	RT	24	37
CH18	382+75.00	RT	15	45
CH18	390+95.00	CL	24	23
CONTRACT TOTAL				531

STONE RIPRAP, CLASS A5

ROADWAY	STATION	AREA (SQ YD)
CH18	287+30.00 (U.S.)	439
CH18	287+30.00 (D.S.)	439
CONTRACT SUB TOTAL		878

FOR USE WITH A5

ROADWAY	STATION	AREA (SQ YD)
CH18	287+30.00 (U.S.)	439
CH18	287+30.00 (D.S.)	439
CONTRACT SUB TOTAL		878

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES-1
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE: 03/30/2009
 DRAWN BY: DJP
 CHECKED BY: SKM

03/30/2009
 197 Job 97-20200/Civil/Steve/C-632-SCH-03.dgn
 LAYOUT: DJP 12/26/03
 DRAWN: DJP 12/26/03
 REVIEWED: SKM 01/29/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	10
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

FURNISHING ROADWAY	AND STATION	ERECTING RIGHT OF WAY	MARKERS OFFSET	EACH
CH18	283+00.00	RT	70.00	1
CH18	286+00.00	RT	85.00	1
CH18	286+00.00	RT	110.00	1
CH18	288+00.00	RT	110.00	1
CH18	288+00.00	RT	85.00	1
CH18	290+00.00	RT	85.00	1
CH18	290+42.47	RT	82.41	1
CH18	295+00.00	RT	60.00	1
CH18	300+00.00	RT	60.00	1
CH18	301+00.00	RT	55.00	1
CH18	306+59.68	RT	55.00	1
CH18	311+00.00	RT	55.00	1
CH18	313+00.00	RT	60.00	1
CH18	315+72.11	RT	60.00	1
CH18	315+90.00	RT	60.07	1
CH18	316+08.64	RT	75.13	1
CH18	316+83.64	RT	74.84	1
CH18	316+95.46	RT	60.51	1
CH18	319+60.37	RT	61.61	1
CH18	322+89.37	RT	62.97	1
CH18	324+98.06	RT	63.83	1
CH18	335+46.17	RT	60.00	1
CH18	339+08.09	RT	60.00	1
CH18	342+17.84	RT	60.00	1
CH18	343+25.59	RT	60.00	1
CH18	356+50.05	RT	60.00	1
CH18	364+83.00	RT	60.00	1
CH18	365+17.00	RT	60.00	1
CH18	369+07.49	RT	60.00	1
CH18	369+54.14	RT	60.00	1
CH18	372+82.00	RT	60.00	1
CH18	373+17.00	RT	60.00	1
CH18	374+00.00	RT	60.00	1
CH18	376+00.00	RT	70.00	1
CH18	379+00.00	RT	70.00	1
CH18	380+00.00	RT	75.00	1
CH18	381+00.00	RT	75.00	1
CH18	381+87.83	RT	147.23	1
CH18	382+88.86	RT	161.15	1
CH18	384+00.00	RT	70.00	1
CH18	391+00.00	RT	70.00	1
CH18	283+00.00	LT	70.00	1
CH18	286+00.00	LT	85.00	1
CH18	287+00.00	LT	85.00	1
CH18	287+00.00	LT	110.00	1
CH18	289+00.00	LT	110.00	1
CH18	289+00.00	LT	85.00	1
CH18	290+00.00	LT	85.00	1
CH18	295+00.00	LT	60.00	1
CH18	300+00.00	LT	60.00	1
CH18	301+00.00	LT	55.00	1
CH18	306+59.68	LT	55.00	1
CH18	311+00.00	LT	55.00	1
CH18	313+00.00	LT	60.00	1
CH18	316+11.27	LT	60.00	1
CH18	322+50.00	LT	60.00	1
CH18	328+90.00	LT	60.00	1
CH18	329+00.48	LT	75.10	1
CH18	329+60.48	LT	74.90	1
CH18	329+70.00	LT	60.00	1
CH18	336+00.00	LT	60.00	1
CH18	342+54.51	LT	60.00	1
CH18	350+22.00	LT	60.00	1
CH18	352+34.10	LT	60.00	1
CH18	355+86.02	LT	60.00	1
CH18	361+00.00	LT	60.00	1
CH18	362+00.00	LT	65.00	1
CH18	366+00.00	LT	65.00	1
CH18	367+00.00	LT	60.00	1
CH18	372+83.00	LT	60.00	1
CH18	373+17.00	LT	60.00	1
CH18	374+00.00	LT	60.00	1
CH18	376+00.00	LT	70.00	1
CH18	381+00.00	LT	70.00	1
CH18	381+62.22	LT	108.11	1
CH18	382+82.00	LT	115.42	1
CH18	383+25.00	LT	80.00	1
CH18	385+25.00	LT	70.00	1
CH18	391+00.00	LT	70.00	1
CH18	394+00.00	LT	55.00	1
980E	6+00.00	RT	24.00'	1
980E	7+00.00	RT	40.00'	1
980E	6+00.00	LT	26.00'	1
980E	7+00.00	LT	35.00'	1
1000E	11+75.00	RT	20.00'	1
1000E	11+75.00	LT	20.00'	1
CH 28	81+00.00	RT	25.00'	1
CH 28	81+50.00	RT	40.00'	1
CH 28	85+00.00	RT	40.00'	1
CH 28	87+00.00	RT	50.00'	1
CH 28	98+00.00	RT	60.00'	1
CH 28	100+00.00	RT	25.00'	1
CH 28	81+00.00	LT	25.00'	1
CH 28	81+50.00	LT	50.00'	1
CH 28	98+00.00	LT	60.00'	1
CH 28	100+00.00	LT	25.00'	1
CONTRACT TOTAL				96

THERMOPLASTIC PAVEMENT MARKING - LINE 4"

ROADWAY	BEG. STATION	END STATION	OFFSET	LENGTH (FOOT)
CH18	278+00.00	381+27.35	CL	2582
CH18	383+30.52	394+50.00	CL	280
CH18	278+00.00	329+21.44	LT	5150
CH18	329+39.44	382+06.42	LT	5415
CH18	382+30.38	394+50.00	LT	1333
CH18	278+00.00	316+34.59	RT	3863
CH18	316+52.59	382+27.60	RT	6716
CH18	382+51.55	394+50.00	RT	1322
CONTRACT TOTAL				26,661

INCIDENTAL BITUMINOUS SURFACING

ROADWAY	STATION	OFFSET	QUANTITY (TONS)
CH18	322+90.38	RT	3
CH18	352+75.35	LT	2
CH18	354+38.50	LT	2
CH18	369+31.1E	RT	4
CONTRACT TOTAL			11

SURVEY MARKERS, TYPE 1 (SPECIAL)

ROADWAY	STATION	OFFSET	EACH
CH 18	329+31.91	65.65' RT	1
CH 18	329+8E.76	65.87' RT	1
CH 18	356+51.08	57.19' LT	1
CONTRACT TOTAL			3

SURVEY MARKER VAULT

ROADWAY	STATION	OFFSET	EACH
CH 18	302+84.55	3.61' RT	1
CH 18	303+66.60	9.36' RT	1
CH 18	382+21.22	6.65' RT	1
CH 18	382+61.48	6.89' RT	1
CONTRACT TOTAL			4

MAILBOX REMOVAL AND RELOCATION

ROADWAY	STATION	OFFSET	EACH
CH18	323+07.00	55' RT	1
CH18	354+57.00	63' LT	1
CONTRACT TOTAL			2

BARRICADES, TYPE III

ROADWAY	STA	QUANTITY (EACH)
CH18	394+50.00	2
CONTRACT TOTAL		2

03/30/2009 197 Jobs 97+20228x CIVIL Sheet C-632-SCH-03.dgn

LAYOUT	03/17/08	03
DRAWN	03/17/08	03
CHECKED	03/17/08	03
REVIEWED	03/17/08	03

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES-2
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

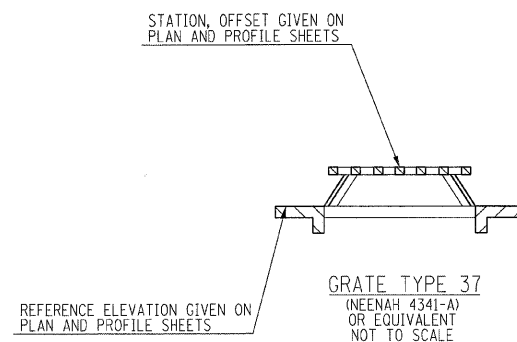
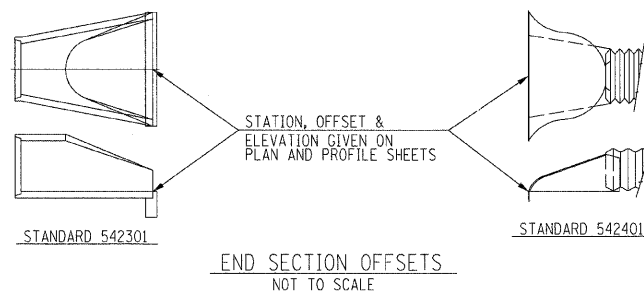
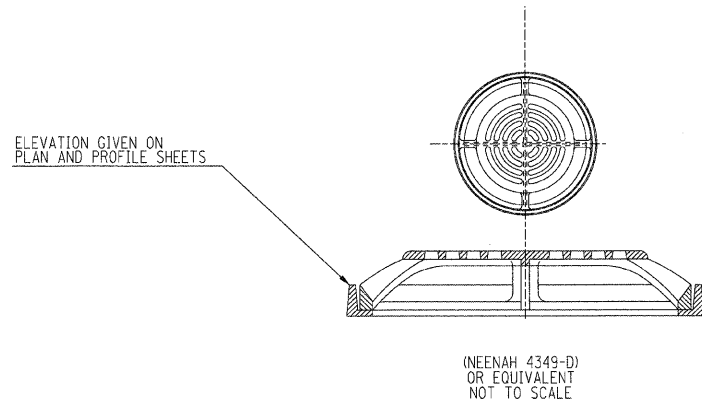
SCALE: NOT TO SCALE
 DATE 03/30/2009
 DRAWN BY DJP
 CHECKED BY SKM

F.A.S. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CULVERT SCHEDULE

STATION	ROADWAY	PIPE CULVERTS		BOX CULVERTS			END SECTIONS					TRENCH BACKFILL (CY)			
		TY 1, RCCP 36" (FOOT)	CS/A, ERS, TY 1 (FOOT)	PRECAST CONC. (FOOT)			PRECAST REINF. CONC. FLARED END SECTIONS 36" (EACH)		METAL END SECT., ERS (EA)		PRECAST CONC. BOX CULV END SECTIONS 6'X3' (EACH)		CAST IN PLACE BOX CULVERT END SECTIONS (EACH)	GRATING FOR PRECAST CONC BOX CULV END SECTIONS 6'X3' (EA)	
				24"	36"	6'x3'	6'x3' (M273)	8'x5'	24"	36"					
287+30.00	CH18										2				
289+58.18	CH18, F.E.		70						2						
290+43.07	CH18, F.E.		70						2						
312+39.00	CH18	82											15		
315+00.00	CH18, F.E.		40												
316+09.00	CH18			72						2		2			
316+43.35	CH18, F.E.		46							2					
321+33.88	CH18, F.E.		40						2						
328+75.00	CH18	48								2			7		
329+85.00	CH18	48								2			7		
336+47.65	CH18, F.E.		40						2						
336+47.65	CH18, F.E.		40						2						
342+27.00	CH18, F.E.		46						2						
344+00.00	CH18, F.E.		53						2						
344+00.00	CH18, F.E.		53						2						
349+85.00	CH18				2 @ 88					4		4			
352+00.00	CH18, F.E.		40						2						
352+75.47	CH18, P.E.		29						2						
354+38.50	CH18, P.E.		31						2						
356+25.00	CH18, F.E.		28						2						
365+00.00	CH18, F.E.			46						2					
365+00.00	CH18, F.E.			30						2					
369+31.18	CH18/1075E			30						2					
371+50.00	CH18	60								2			29		
372+00.00	CH18	60								2			29		
373+00.00	CH18, F.E.		44						2						
373+00.00	CH18, F.E.		44						2						
382+30.00	CH18				2 @ 204						4		4		
383+20.00	CH18	110								2			86		
391+00.00	CH18	54								2			14		
404+30.00	CH18									1					
82+28.00	CH28		2 @ 50							4			14		
86+86.93	CH28, F.E.		34							2					
88+56.00	CH28	61								2			31		
97+64.00	CH28		51							2			6		
8+00.00	980E, F.E.					28					2		2		
TOTAL		523	673	332	656	28	224		17	32	14	12	• 2	12	238**

- SEE DOUBLE BOX CULVERT PLANS, SHEETS 47 & 48
- ** 238 CY OF TRENCH BACKFILL PLUS 819 CY OF TRENCH BACKFILL AT FIELD TILE LOCATIONS EQUALS TOTAL OF 1057 CY FOR PROJECT.



DRAINAGE STRUCTURE SCHEDULE

STATION	OFFSET	FRAME ELEVATION	GRATES		MANHOLES
			TYPE 37 GRATE	MANHOLES, SPECIAL, 5'-DIAMETER	TYPE A, 5' DIAMETER
383+20	91.21' RT	665.29		1	
384+00	49.00' RT	667.20	1		1
390+50	38.00' RT	666.62	1		1
398+00	31.00' RT	665.66	1		1
TOTALS			3	1	3

• SEE SPECIAL PROVISIONS

STORM SEWER SCHEDULE

STATION	INVERT ELEVATION	STATION	INVERT ELEVATION	STORM SEWER, CLASS A, TY. 2
383+20	659.29	384+00	659.14	75'
384+00	659.13	390+50	657.84	645'
390+50	657.83	398+00	656.34	745'
398+00	656.33	404+30	655.07	628'
TOTALS				2093'

REVISIONS	
NAME	DATE

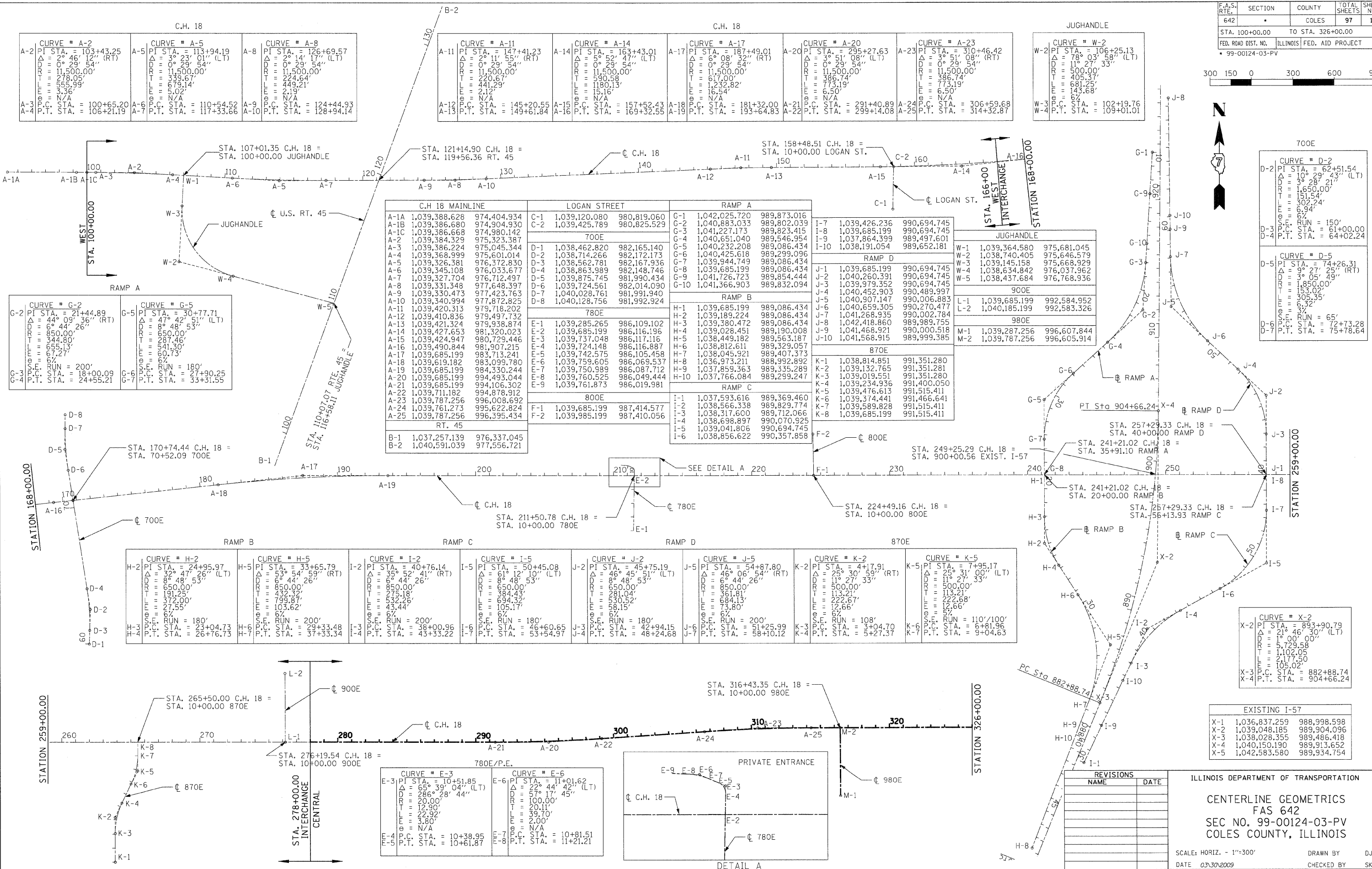
ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE SCHEDULE
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE: 03/30/2009
 DRAWN BY: MNM
 CHECKED BY: SKM



SKM	12/26/03
MNM	12/26/03
JMK	01/05/04
LAYOUT	
DRAWN	
REVIEWED	

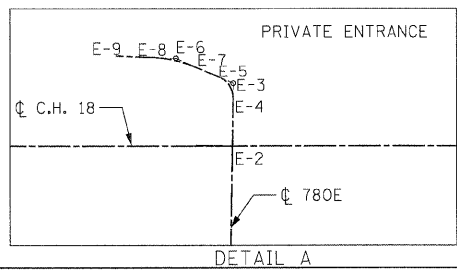
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	COLES	97	12	
STA. 100+00.00 TO STA. 326+00.00		ILLINOIS FED. AID PROJECT		
99-00124-03-PV				



C.H. 18 MAINLINE		LOGAN STREET		RAMP A	
A-1A	1,039,388.628	C-1	1,039,120.080	G-1	1,042,025.720
A-1B	1,039,386.680	C-2	1,039,425.789	G-2	1,040,883.033
A-1C	1,039,386.668	700E		G-3	1,041,227.173
A-2	1,039,384.329	D-1	1,038,462.820	G-4	1,040,651.040
A-3	1,039,386.224	D-2	1,038,714.266	G-5	1,040,232.208
A-4	1,039,368.999	D-3	1,038,562.781	G-6	1,040,425.618
A-5	1,039,326.381	D-4	1,038,863.989	G-7	1,039,944.749
A-6	1,039,345.108	D-5	1,039,875.745	G-8	1,039,685.199
A-7	1,039,327.704	D-6	1,039,724.561	G-9	1,041,726.723
A-8	1,039,331.348	D-7	1,040,028.761	G-10	1,041,366.903
A-9	1,039,330.473	D-8	1,040,128.756	RAMP B	
A-10	1,039,340.994	780E		H-1	1,039,685.199
A-11	1,039,420.313	E-1	1,039,285.265	H-2	1,039,189.224
A-12	1,039,410.836	E-2	1,039,685.199	H-3	1,039,380.472
A-13	1,039,421.324	E-3	1,039,737.048	H-4	1,039,028.451
A-14	1,039,427.653	E-4	1,039,724.148	H-5	1,038,449.182
A-15	1,039,424.947	E-5	1,039,742.575	H-6	1,038,812.611
A-16	1,039,490.844	E-6	1,039,759.605	H-7	1,038,045.921
A-17	1,039,685.199	E-7	1,039,750.989	H-8	1,036,973.211
A-18	1,039,619.182	E-8	1,039,760.525	H-9	1,037,859.363
A-19	1,039,685.199	E-9	1,039,761.873	H-10	1,037,766.084
A-20	1,039,685.199	800E		I-1	1,037,593.616
A-21	1,039,685.199	F-1	1,039,685.199	I-2	1,038,566.338
A-22	1,039,711.182	F-2	1,039,985.199	I-3	1,038,317.600
A-23	1,039,787.256	B-1	1,037,257.139	I-4	1,038,698.897
A-24	1,039,787.256	B-2	1,040,591.039	I-5	1,039,041.806
A-25	1,039,787.256			I-6	1,038,856.622

RAMP B		RAMP C		RAMP D		870E	
H-2	1,039,244.959	I-2	1,039,407.614	J-2	1,039,457.519	K-2	1,039,417.919
H-3	1,039,044.733	I-3	1,039,380.048	J-3	1,039,380.472	K-3	1,039,019.551
H-4	1,039,767.733	I-4	1,039,490.844	J-4	1,039,724.148	K-4	1,039,234.936
H-5	1,039,333.622	I-5	1,039,619.182	J-5	1,039,742.575	K-5	1,039,476.613
H-6	1,039,293.348	I-6	1,039,685.199	J-6	1,039,759.605	K-6	1,039,374.441
H-7	1,039,373.334	I-7	1,039,685.199	J-7	1,039,750.989	K-7	1,039,589.828
H-8	1,039,373.334	I-8	1,039,685.199	J-8	1,039,760.525	K-8	1,039,685.199

CURVE # E-3		CURVE # E-6	
E-3	PI STA. = 10+51.85	E-6	PI STA. = 11+01.62
E-4	Δ = 65° 39' 04" (LT)	E-7	Δ = 22° 44' 42" (LT)
E-5	D = 286' 28' 44"	E-8	D = 57' 17' 45"
	R = 20.00'		R = 100.00'
	T = 12.90'		T = 20.11'
	L = 23.82'		L = 2.00'
	E = 2.80'		E = 39.10'
	θ = N/A		θ = N/A
	P.C. STA. = 10+38.95		P.C. STA. = 10+81.51
	P.T. STA. = 10+61.87		P.T. STA. = 11+21.21



CURVE # D-2	
D-2	PI STA. = 62+51.54
	Δ = 10° 29' 43" (LT)
	D = 1,650.00'
	R = 151.54'
	T = 302.24'
	L = 60.94'
	E = 6.94'
	θ = 37°
	P.C. STA. = 61+00.00
	P.T. STA. = 64+02.24

CURVE # D-5	
D-5	PI STA. = 74+26.31
	Δ = 9° 27' 25" (RT)
	D = 1,850.00'
	R = 153.02'
	T = 305.35'
	L = 6.32'
	E = 3.72'
	θ = 37°
	P.C. STA. = 72+73.28
	P.T. STA. = 75+78.64

CURVE # X-2	
X-2	PI STA. = 893+90.79
	Δ = 21° 46' 30" (LT)
	D = 5,729.58'
	R = 1,102.05'
	T = 2,177.50'
	L = 105.02'
	P.C. STA. = 882+88.74
	P.T. STA. = 904+66.24

EXISTING I-57		
X-1	1,036,837.259	988,998.598
X-2	1,039,048.185	989,904.096
X-3	1,038,028.355	989,486.418
X-4	1,040,150.190	989,913.652
X-5	1,042,583.580	989,934.754

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CENTERLINE GEOMETRICS
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. - 1"=300'
 DATE 03/30/2009
 DRAWN BY DJP
 CHECKED BY SKM



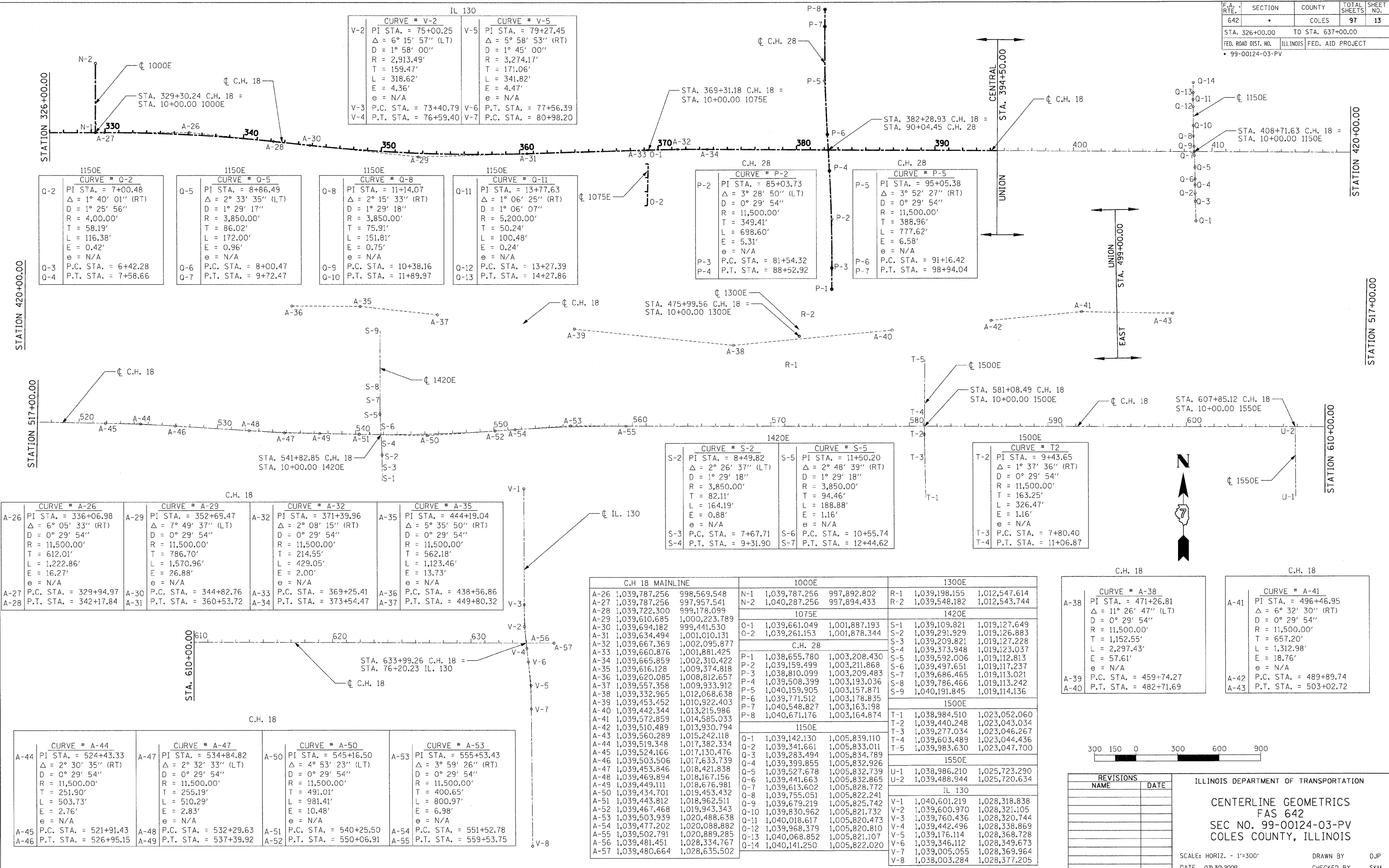
LAYOUT	DJP	12/26/03
DRAWN	DJP	12/26/03
REVIEWED	SKM	01/05/04

03/30/2009
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	13
STA. 326+00.00		TO STA. 637+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 99-00124-03-PV				



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IL 130

CURVE # V-2		CURVE # V-5	
V-2	PI STA. = 75+00.25 Δ = 6° 15' 57" (LT) D = 1° 58' 00" R = 2,913.49' T = 159.47' L = 318.62' E = 4.36' e = N/A	V-5	PI STA. = 79+27.45 Δ = 5° 58' 53" (RT) D = 1° 45' 00" R = 3,274.17' T = 171.06' L = 341.82' E = 4.47' e = N/A
V-3	P.C. STA. = 73+40.79	V-6	P.T. STA. = 77+56.39
V-4	P.T. STA. = 76+59.40	V-7	P.C. STA. = 80+98.20

1150E CURVE # Q-2		1150E CURVE # Q-5		1150E CURVE # Q-8		1150E CURVE # Q-11	
Q-2	PI STA. = 7+00.48 Δ = 1° 40' 01" (RT) D = 1° 25' 56" R = 4,000.00' T = 58.19' L = 116.38' E = 0.42' e = N/A	Q-5	PI STA. = 8+86.49 Δ = 2° 33' 35" (LT) D = 1° 29' 17" R = 3,850.00' T = 86.02' L = 172.00' E = 0.96' e = N/A	Q-8	PI STA. = 11+14.07 Δ = 2° 15' 33" (RT) D = 1° 29' 18" R = 3,850.00' T = 75.91' L = 151.81' E = 0.75' e = N/A	Q-11	PI STA. = 13+77.63 Δ = 1° 06' 25" (RT) D = 1° 06' 07" R = 5,200.00' T = 50.24' L = 100.48' E = 0.24' e = N/A
Q-3	P.C. STA. = 6+42.28	Q-6	P.C. STA. = 8+00.47	Q-9	P.C. STA. = 10+38.16	Q-12	P.C. STA. = 13+27.39
Q-4	P.T. STA. = 7+58.66	Q-7	P.T. STA. = 9+72.47	Q-10	P.T. STA. = 11+89.97	Q-13	P.T. STA. = 14+27.86

C.H. 28 CURVE # P-2		C.H. 28 CURVE # P-5	
P-2	PI STA. = 85+03.73 Δ = 3° 28' 50" (LT) D = 0° 29' 54" R = 11,500.00' T = 349.41' L = 698.60' E = 5.31' e = N/A	P-5	PI STA. = 95+05.38 Δ = 3° 52' 27" (RT) D = 0° 29' 54" R = 11,500.00' T = 388.96' L = 777.62' E = 6.58' e = N/A
P-3	P.C. STA. = 81+54.32	P-6	P.C. STA. = 91+16.42
P-4	P.T. STA. = 88+52.92	P-7	P.T. STA. = 98+94.04

CURVE # S-2		CURVE # S-5	
S-2	PI STA. = 8+49.82 Δ = 2° 26' 37" (LT) D = 1° 29' 18" R = 3,850.00' T = 82.11' L = 164.19' E = 0.88' e = N/A	S-5	PI STA. = 11+50.20 Δ = 2° 48' 39" (RT) D = 1° 29' 18" R = 3,850.00' T = 94.46' L = 188.88' E = 1.16' e = N/A
S-3	P.C. STA. = 7+67.71	S-6	P.C. STA. = 10+55.74
S-4	P.T. STA. = 9+31.90	S-7	P.T. STA. = 12+44.62

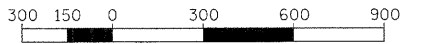
1500E CURVE # T-2	
T-2	PI STA. = 9+43.65 Δ = 1° 37' 36" (RT) D = 0° 29' 54" R = 11,500.00' T = 163.25' L = 326.47' E = 1.16' e = N/A
T-3	P.C. STA. = 7+80.40
T-4	P.T. STA. = 11+06.87

CURVE # A-26		CURVE # A-29		CURVE # A-32		CURVE # A-35	
A-26	PI STA. = 336+06.98 Δ = 6° 05' 33" (RT) D = 0° 29' 54" R = 11,500.00' T = 612.01' L = 1,222.86' E = 16.27' e = N/A	A-29	PI STA. = 352+69.47 Δ = 7° 49' 37" (LT) D = 0° 29' 54" R = 11,500.00' T = 786.70' L = 1,570.96' E = 26.88' e = N/A	A-32	PI STA. = 371+39.96 Δ = 2° 08' 15" (RT) D = 0° 29' 54" R = 11,500.00' T = 214.55' L = 429.05' E = 2.00' e = N/A	A-35	PI STA. = 444+19.04 Δ = 5° 35' 50" (RT) D = 0° 29' 54" R = 11,500.00' T = 562.18' L = 1,123.46' E = 13.73' e = N/A
A-27	P.C. STA. = 329+94.97	A-30	P.C. STA. = 344+82.76	A-33	P.C. STA. = 369+25.41	A-36	P.C. STA. = 438+56.86
A-28	P.T. STA. = 342+17.84	A-31	P.T. STA. = 360+53.72	A-34	P.T. STA. = 373+54.47	A-37	P.T. STA. = 449+80.32

CURVE # A-44		CURVE # A-47		CURVE # A-50		CURVE # A-53	
A-44	PI STA. = 524+43.33 Δ = 2° 30' 35" (RT) D = 0° 29' 54" R = 11,500.00' T = 251.90' L = 503.73' E = 2.76' e = N/A	A-47	PI STA. = 534+84.82 Δ = 2° 32' 33" (LT) D = 0° 29' 54" R = 11,500.00' T = 255.19' L = 510.29' E = 2.83' e = N/A	A-50	PI STA. = 545+16.50 Δ = 4° 53' 23" (LT) D = 0° 29' 54" R = 11,500.00' T = 491.01' L = 981.41' E = 10.48' e = N/A	A-53	PI STA. = 555+53.43 Δ = 3° 59' 26" (RT) D = 0° 29' 54" R = 11,500.00' T = 400.65' L = 800.97' E = 6.98' e = N/A
A-45	P.C. STA. = 521+91.43	A-48	P.C. STA. = 532+29.63	A-51	P.C. STA. = 540+25.50	A-54	P.C. STA. = 551+52.78
A-46	P.T. STA. = 526+95.15	A-49	P.T. STA. = 537+39.92	A-52	P.T. STA. = 550+06.91	A-55	P.T. STA. = 559+53.75

C.H. 18 MAINLINE		1000E		1300E	
A-26	1,039,787.256	998,569.548	N-1	1,039,787.256	997,892.802
A-27	1,039,787.256	997,957.541	N-2	1,040,287.256	997,894.433
A-28	1,039,722.300	999,178.099	1075E		
A-29	1,039,610.685	1,000,223.789	O-1	1,039,661.049	1,001,887.193
A-30	1,039,694.182	999,441.530	O-2	1,039,261.153	1,001,878.344
A-31	1,039,634.494	1,001,010.131	C.H. 28		
A-32	1,039,667.369	1,002,095.877	P-1	1,038,655.780	1,003,208.430
A-33	1,039,660.876	1,001,881.425	P-2	1,039,159.499	1,003,211.868
A-34	1,039,665.859	1,002,310.422	P-3	1,038,810.099	1,003,209.483
A-35	1,039,616.128	1,009,374.818	P-4	1,039,508.399	1,003,193.036
A-36	1,039,620.085	1,008,812.657	P-5	1,040,159.905	1,003,157.871
A-37	1,039,557.358	1,009,933.912	P-6	1,039,771.512	1,003,178.835
A-38	1,039,332.965	1,012,068.638	P-7	1,040,548.827	1,003,163.198
A-39	1,039,453.452	1,010,922.403	P-8	1,040,671.176	1,003,164.874
A-40	1,039,442.344	1,013,215.986	1150E		
A-41	1,039,572.859	1,014,585.033	O-1	1,039,142.130	1,005,839.110
A-42	1,039,510.489	1,013,930.794	O-2	1,039,341.661	1,005,833.011
A-43	1,039,560.289	1,015,242.118	O-3	1,039,283.494	1,005,834.789
A-44	1,039,519.348	1,017,382.334	O-4	1,039,399.855	1,005,832.926
A-45	1,039,524.166	1,017,130.476	O-5	1,039,527.678	1,005,832.739
A-46	1,039,503.506	1,017,633.739	O-6	1,039,441.663	1,005,832.865
A-47	1,039,453.846	1,018,421.838	O-7	1,039,613.602	1,005,828.772
A-48	1,039,469.894	1,018,167.156	O-8	1,039,755.051	1,005,822.241
A-49	1,039,449.111	1,018,676.981	O-9	1,039,679.219	1,005,825.742
A-50	1,039,434.701	1,019,453.432	O-10	1,039,830.962	1,005,821.732
A-51	1,039,443.812	1,018,962.511	O-11	1,040,018.617	1,005,820.473
A-52	1,039,467.468	1,019,943.343	O-12	1,039,968.379	1,005,820.810
A-53	1,039,503.939	1,020,488.638	O-13	1,040,068.852	1,005,821.107
A-54	1,039,477.202	1,020,088.882	O-14	1,040,141.250	1,005,822.020
A-55	1,039,502.791	1,020,889.285	1550E		
A-56	1,039,481.451	1,028,334.767	U-1	1,038,986.210	1,025,723.290
A-57	1,039,480.664	1,028,635.502	U-2	1,039,488.944	1,025,720.634

C.H. 18 CURVE # A-38		C.H. 18 CURVE # A-41	
A-38	PI STA. = 471+26.81 Δ = 11° 26' 47" (LT) D = 0° 29' 54" R = 11,500.00' T = 1,152.55' L = 2,297.43' E = 57.61' e = N/A	A-41	PI STA. = 496+46.95 Δ = 6° 32' 30" (RT) D = 0° 29' 54" R = 11,500.00' T = 657.20' L = 1,312.98' E = 18.76' e = N/A
A-39	P.C. STA. = 459+74.27	A-42	P.C. STA. = 489+89.74
A-40	P.T. STA. = 482+71.69	A-43	P.T. STA. = 503+02.72



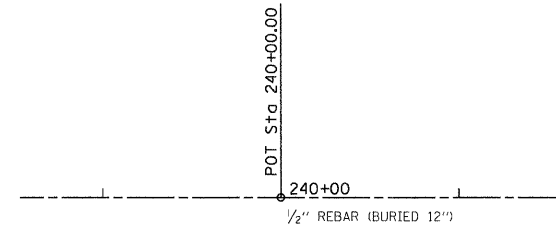
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	CENTERLINE GEOMETRICS	
		FAS 642	
		SEC NO. 99-00124-03-PV	
		COLES COUNTY, ILLINOIS	
		SCALE: HORIZ. - 1"=300'	DRAWN BY: DJP
		DATE: 03/30/2009	CHECKED BY: SKM

LAYOUT	DJP	12/26/03
DRAWN	DJP	12/26/03
REVIEWED	SKM	01/05/04

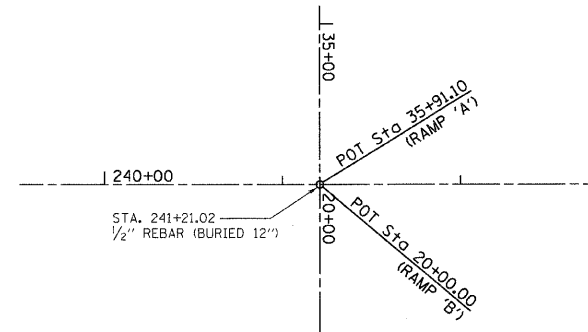
03/30/2009
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F.A.S. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

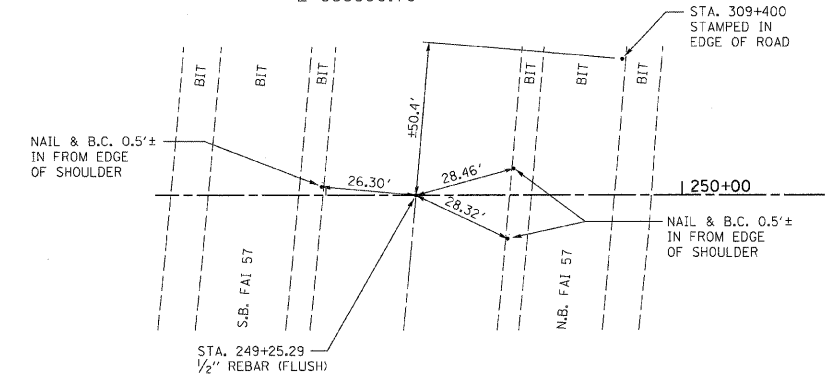
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E 988965.42



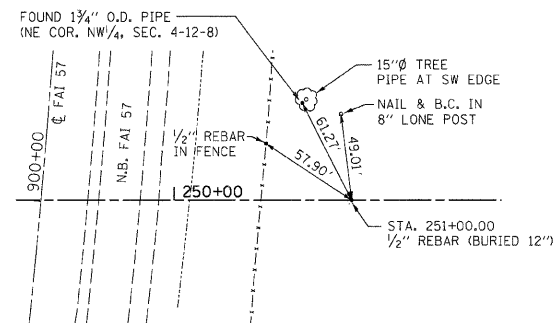
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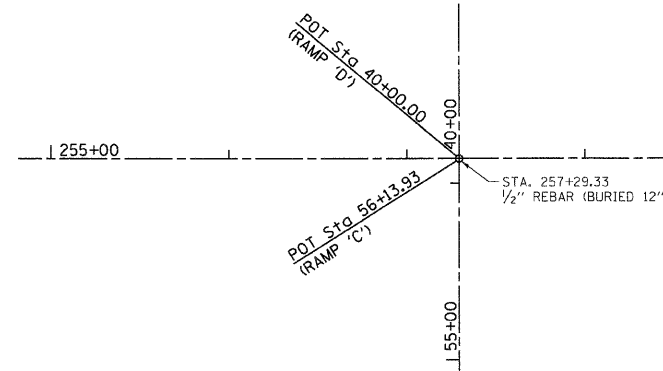
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E 989890.70



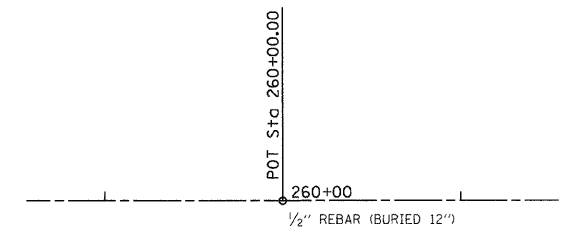
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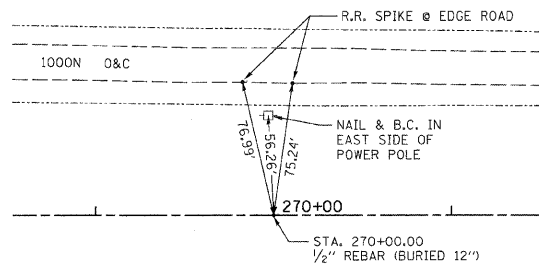
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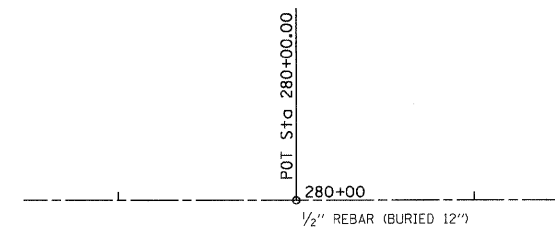
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(NO CROSS TIES AVAILABLE)
N 1039685.20
E 990965.42



P.O.T.
C.H. 18 STA.270+00.00
N 1039685.20
E 991965.42



P.O.T.
C.H. 18 STA.280+00.00
(NO CROSS TIES AVAILABLE)
N 1039685.20
E 992965.42



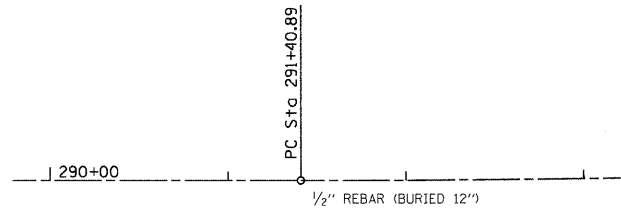
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SURVEY TIES
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS
SCALE: VERT. N.T.S. HORIZ. N.T.S.
DATE 03/30/2009
DRAWN BY CAI
CHECKED BY MED

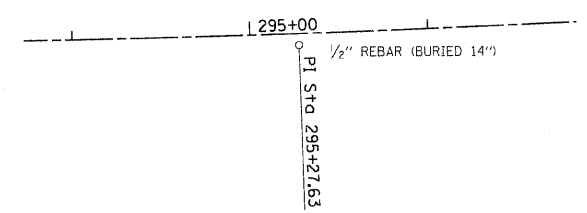
TUG PROJ. #19197022-5
#FILE ABBREV#

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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

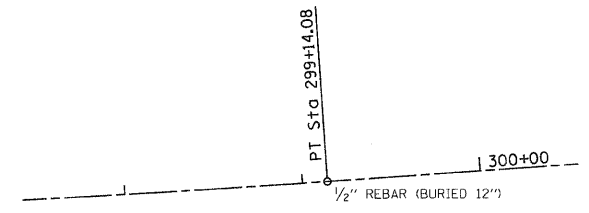
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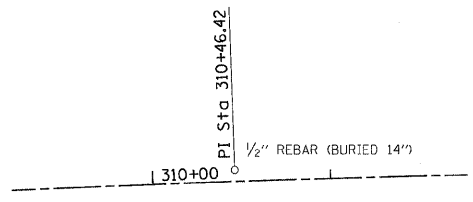
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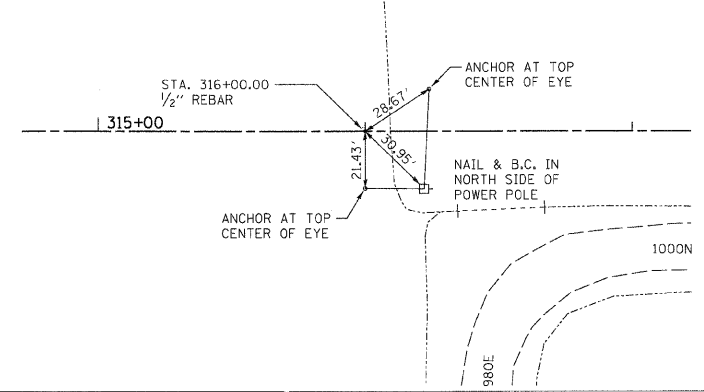
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N 1039711.18
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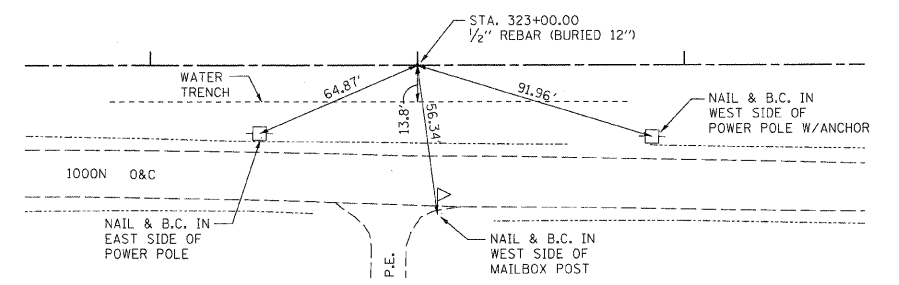
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E 996008.69



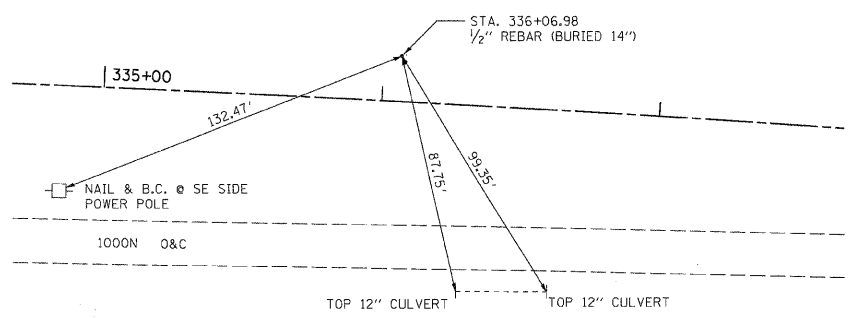
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E 996562.57



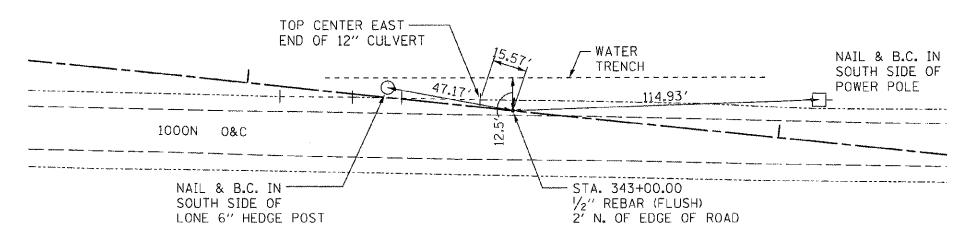
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N 1039787.26
E 997262.57



P.I.
C.H. 18 STA.336+06.98
N 1039787.26
E 998569.55



P.O.T.
C.H. 18 STA.343+00.00
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E 999259.80



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

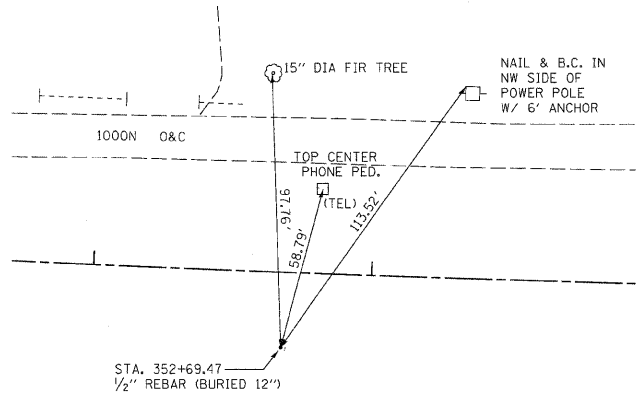
SURVEY TIES
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS

SCALE: VERT. N.T.S. HORIZ. N.T.S.
DATE 03/30/2009
DRAWN BY CAI
CHECKED BY MED

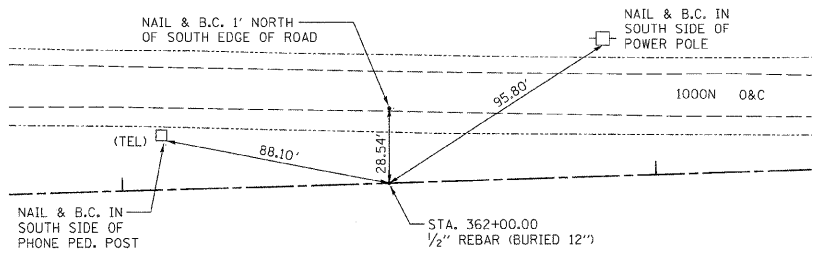
TUG PROJ. #1917022-5
9/15/09/022-5

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

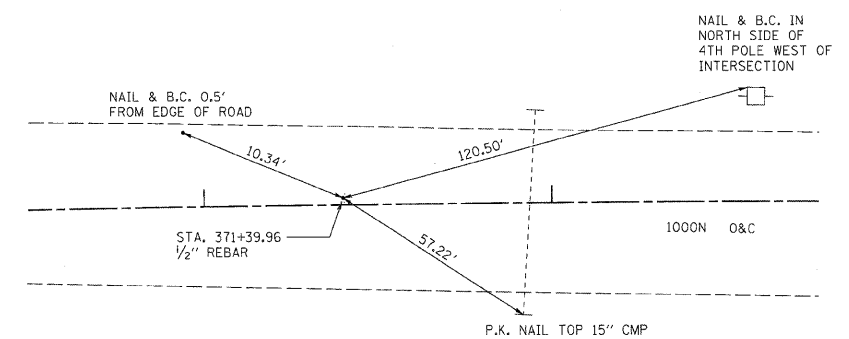
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N 1039610.69
E 1000223.79



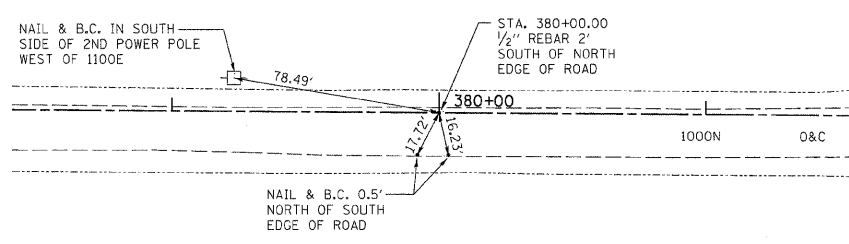
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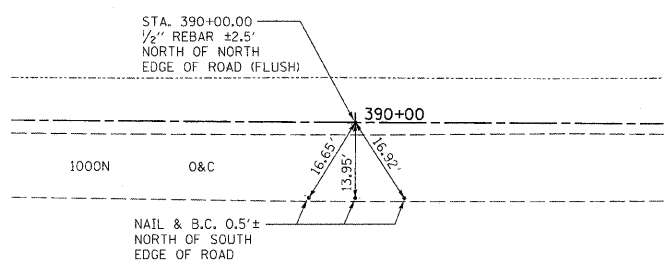
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N 1039667.37
E 1002095.88



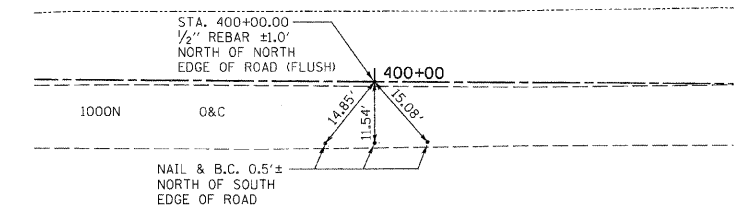
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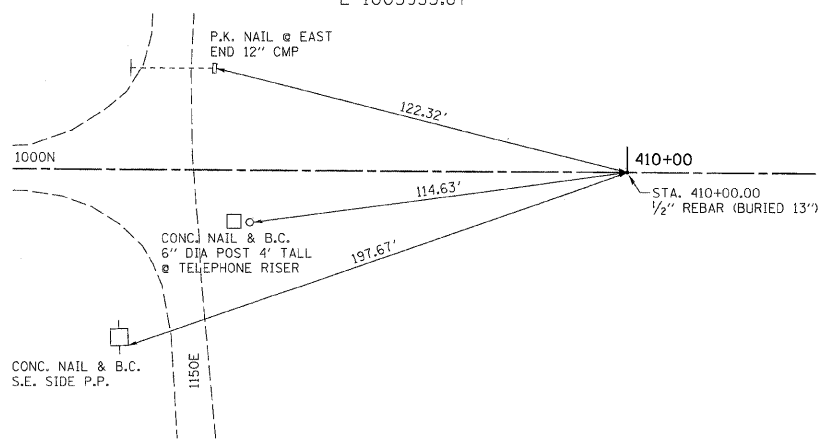
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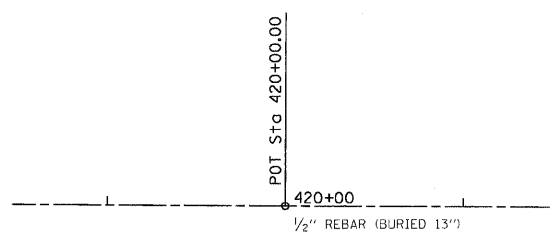
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N 1039647.24
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N 1039640.20
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(NO CROSS TIES AVAILABLE)
N 1039633.16
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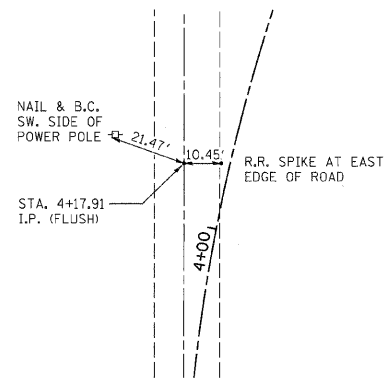
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SURVEY TIES
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS
SCALE: VERT. N.T.S. DRAWN BY
HORIZ. N.T.S. CHECKED BY MED
DATE 03/30/2009

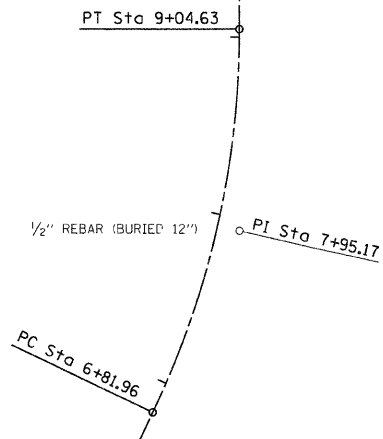
TUG PROJ. #13191022-5
BELLEABREVE

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

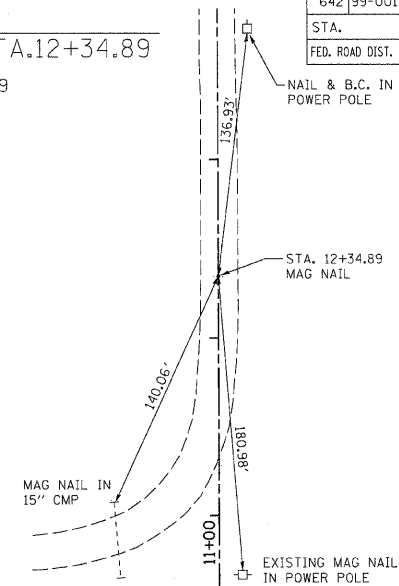
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E 991351.28



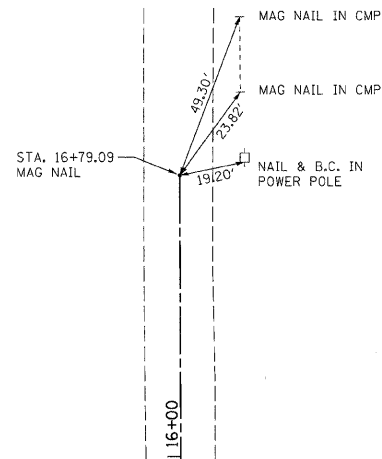
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CO. RD. 870E STA.7+95.17
(NO CROSS TIES AVAILABLE)
N 1039476.61
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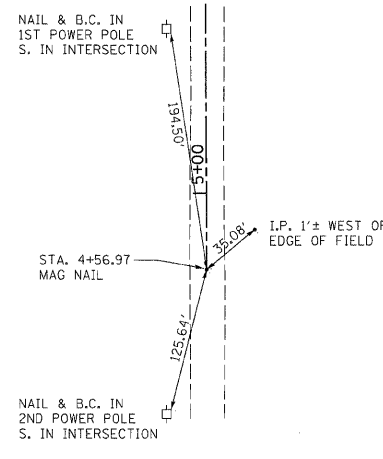
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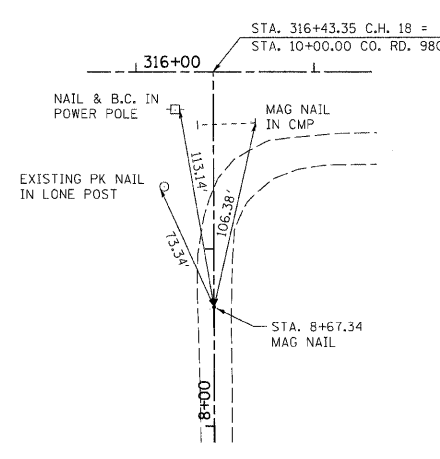
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E 992582.74



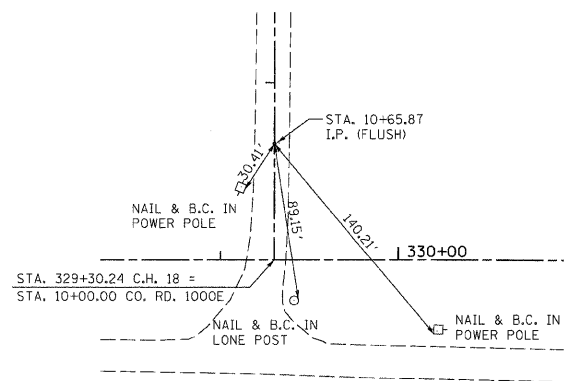
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E 996608.01



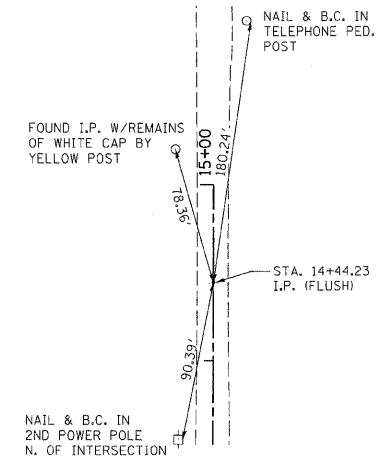
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N 1039654.60
E 996606.43



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CO. RD. 1000E STA.10+65.87
N 1039853.13
E 997893.02



P.O.T.
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E 997894.25

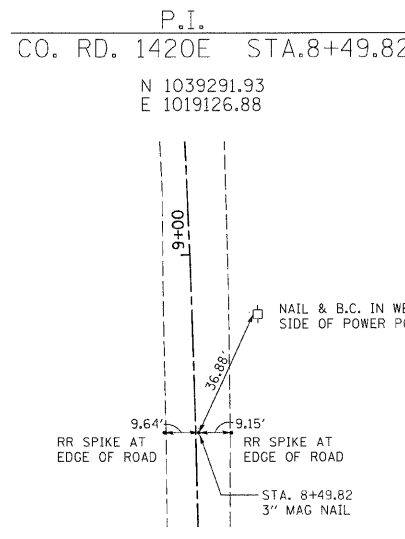
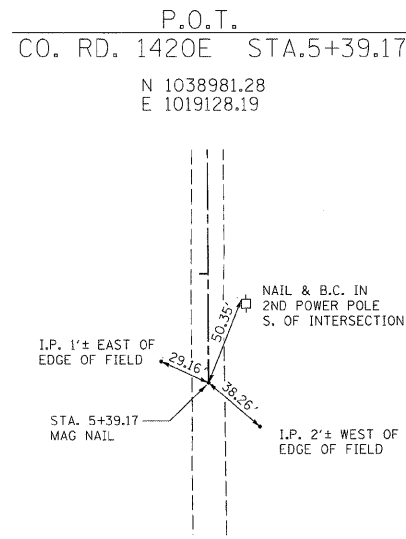
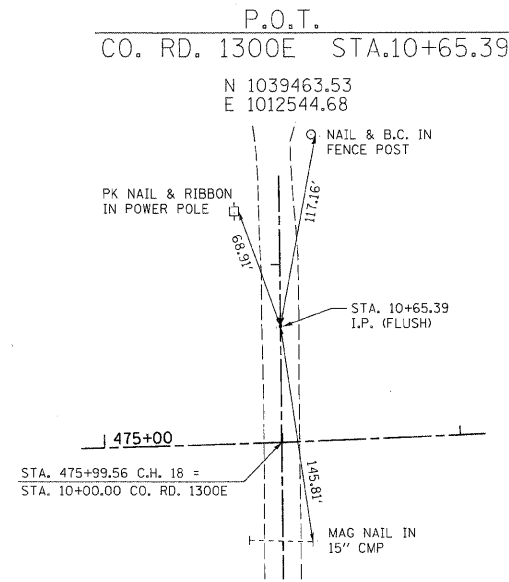
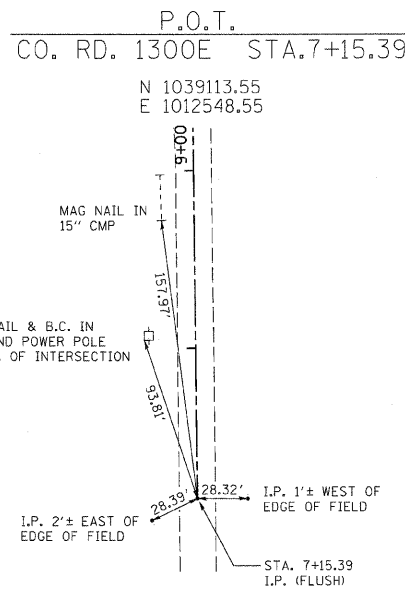
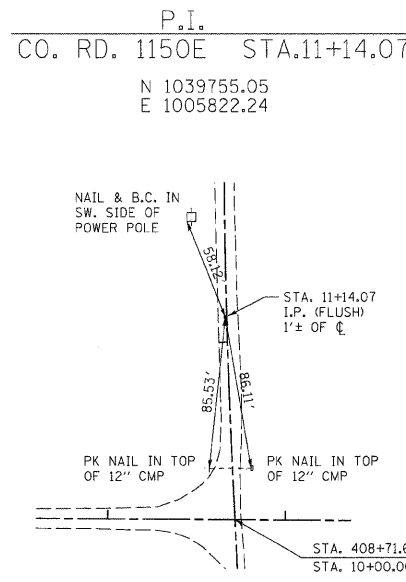
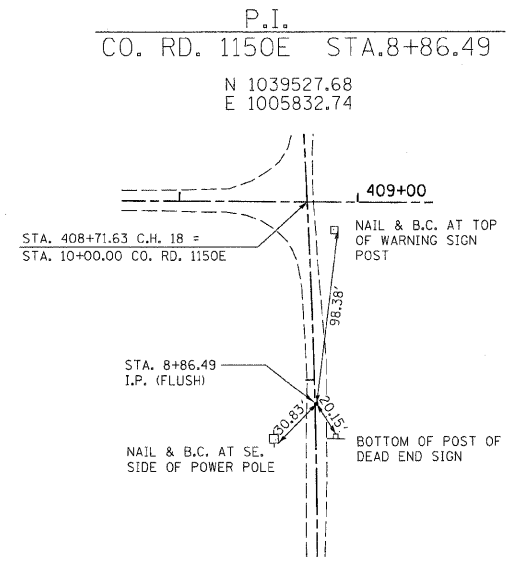
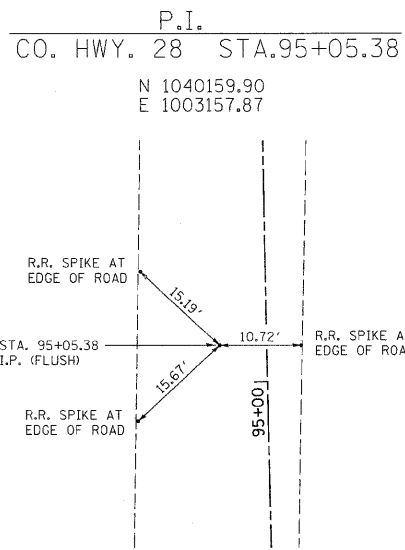
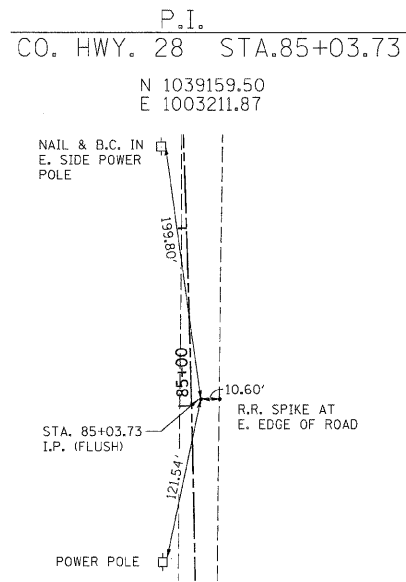


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SURVEY TIES
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS
SCALE: VERT. N.T.S. DRAWN BY
HORIZ. N.T.S. CHECKED BY MED
DATE 03/30/2009

TUG PROJ. #1997022-5
#LEABBREVS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SURVEY TIES
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS
SCALE: VERT. N.T.S. HORIZ. N.T.S.
DATE 03/30/2009 DRAWN BY CHECKED BY MED

TUC PROJ. #13191022-5
FILE#BBRE18

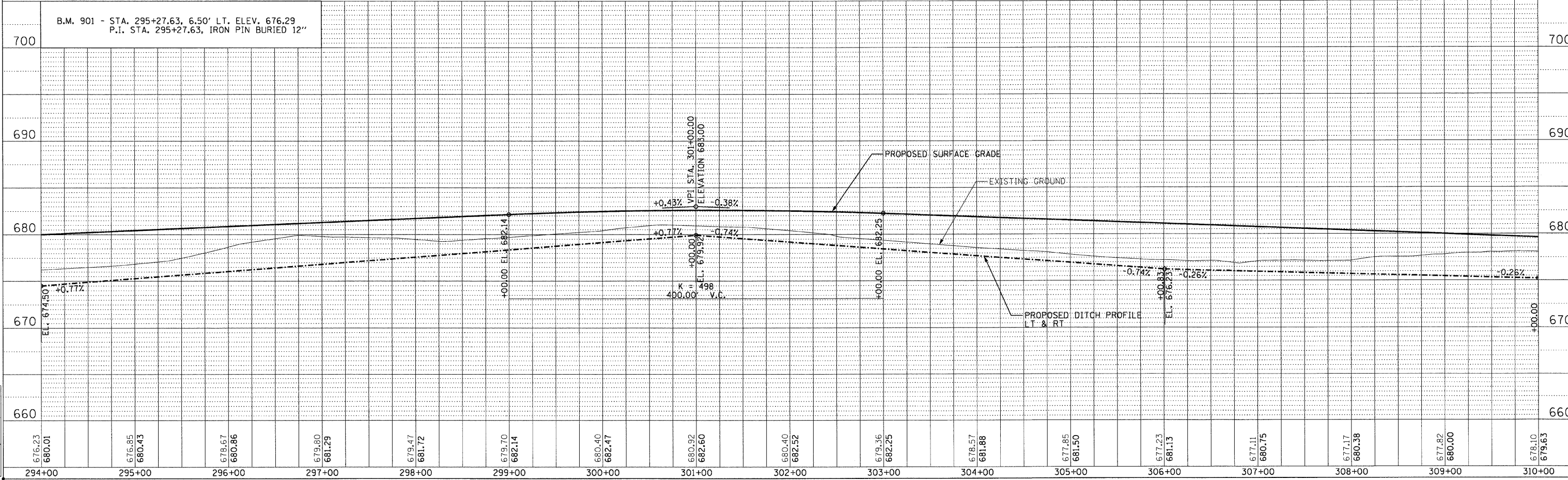
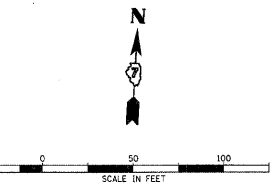
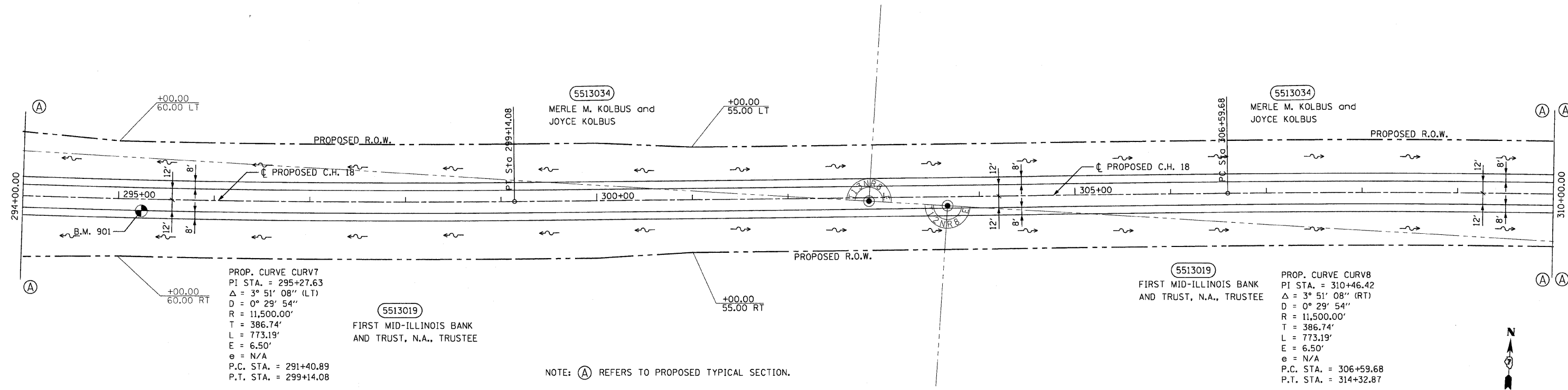
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642	99-00124-03-PV	COLES	97	21
STA. 294+00.00		TO STA. 310+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

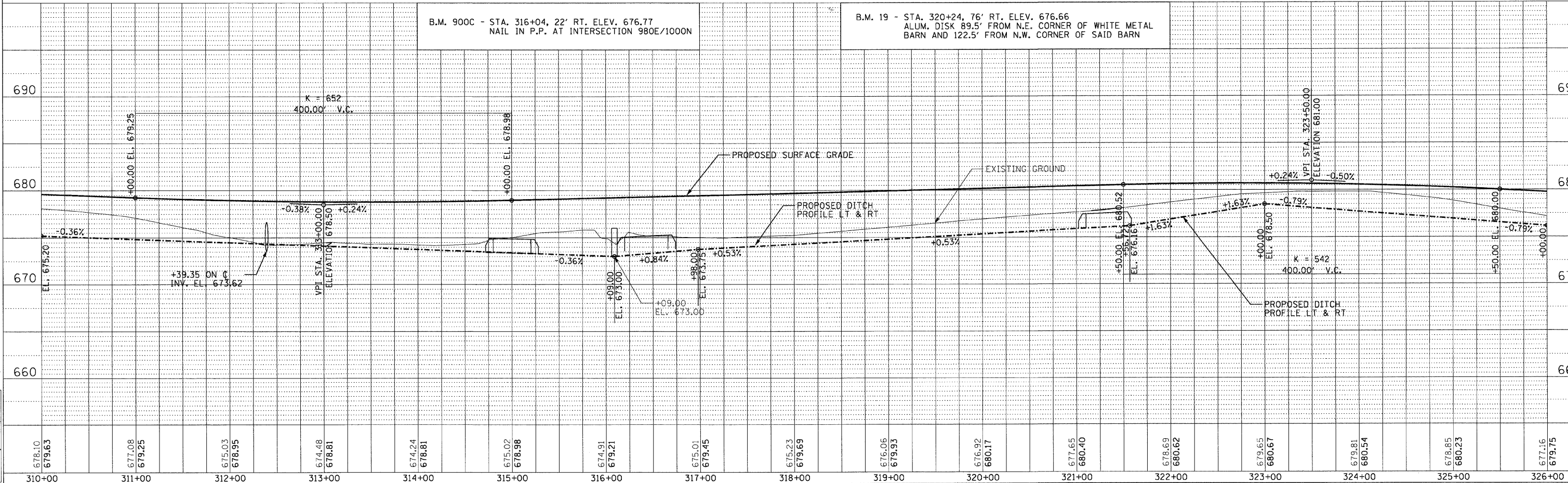
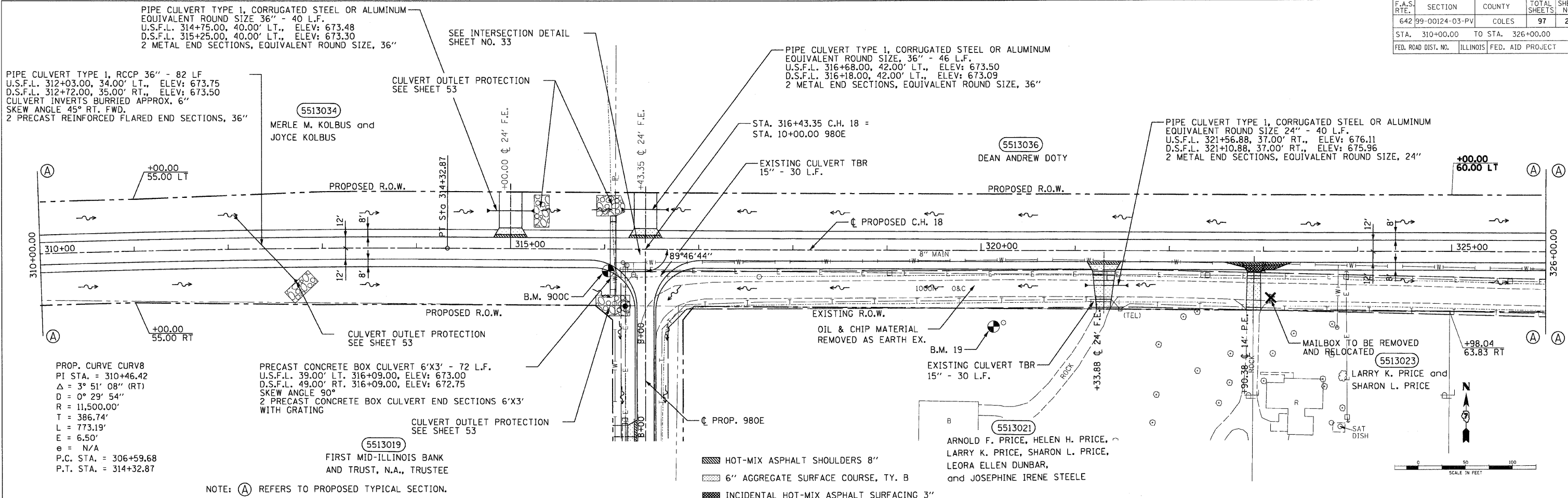


DATE	BY

DATE	BY



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	22
STA. 310+00.00 TO STA. 326+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



DATE	BY	REVISION

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DATE	BY	REVISION

DATE	BY	REVISION
03/28/03	DUP/SKM	03/28/03
04/28/03	DUP	04/28/03
05/07/03	SM	05/07/03

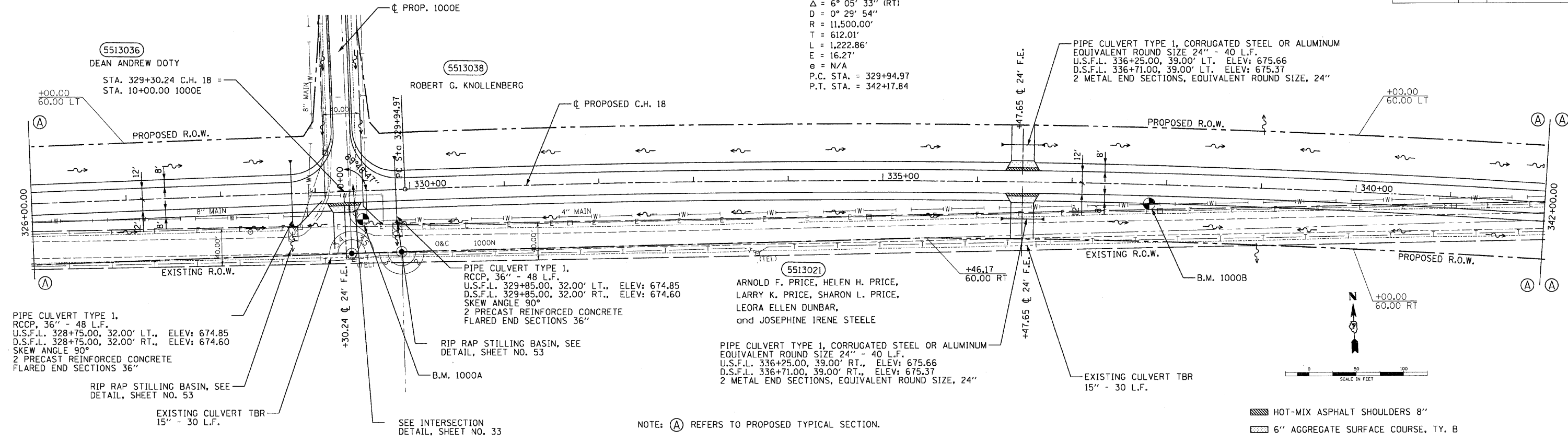
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642	99-00124-03-PV	COLES	97	23
STA. 326+00.00		TO STA. 342+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROP. CURVE CURV9
 PI STA. = 336+06.98
 $\Delta = 6^{\circ} 05' 33''$ (RT)
 $D = 0^{\circ} 29' 54''$
 $R = 11,500.00'$
 $T = 612.01'$
 $L = 1,222.86'$
 $E = 16.27'$
 $e = N/A$
 P.C. STA. = 329+94.97
 P.T. STA. = 342+17.84

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
 EQUIVALENT ROUND SIZE 24" - 40 L.F.
 U.S.F.L. 336+25.00, 39.00' LT. ELEV: 675.66
 D.S.F.L. 336+71.00, 39.00' LT. ELEV: 675.37
 2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"

PIPE CULVERT TYPE 1,
 RCCP, 36" - 48 L.F.
 U.S.F.L. 329+85.00, 32.00' LT., ELEV: 674.85
 D.S.F.L. 329+85.00, 32.00' RT., ELEV: 674.60
 SKEW ANGLE 90°
 2 PRECAST REINFORCED CONCRETE
 FLARED END SECTIONS 36"

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
 EQUIVALENT ROUND SIZE 24" - 40 L.F.
 U.S.F.L. 336+25.00, 39.00' RT., ELEV: 675.66
 D.S.F.L. 336+71.00, 39.00' RT., ELEV: 675.37
 2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"



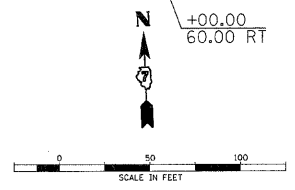
PIPE CULVERT TYPE 1,
 RCCP, 36" - 48 L.F.
 U.S.F.L. 328+75.00, 32.00' LT., ELEV: 674.85
 D.S.F.L. 328+75.00, 32.00' RT., ELEV: 674.60
 SKEW ANGLE 90°
 2 PRECAST REINFORCED CONCRETE
 FLARED END SECTIONS 36"

RIP RAP STILLING BASIN, SEE
 DETAIL, SHEET NO. 53

EXISTING CULVERT TBR
 15" - 30 L.F.

RIP RAP STILLING BASIN, SEE
 DETAIL, SHEET NO. 53

ARNOLD F. PRICE, HELEN H. PRICE,
 LARRY K. PRICE, SHARON L. PRICE,
 LEORA ELLEN DUNBAR,
 and JOSEPHINE IRENE STEELE

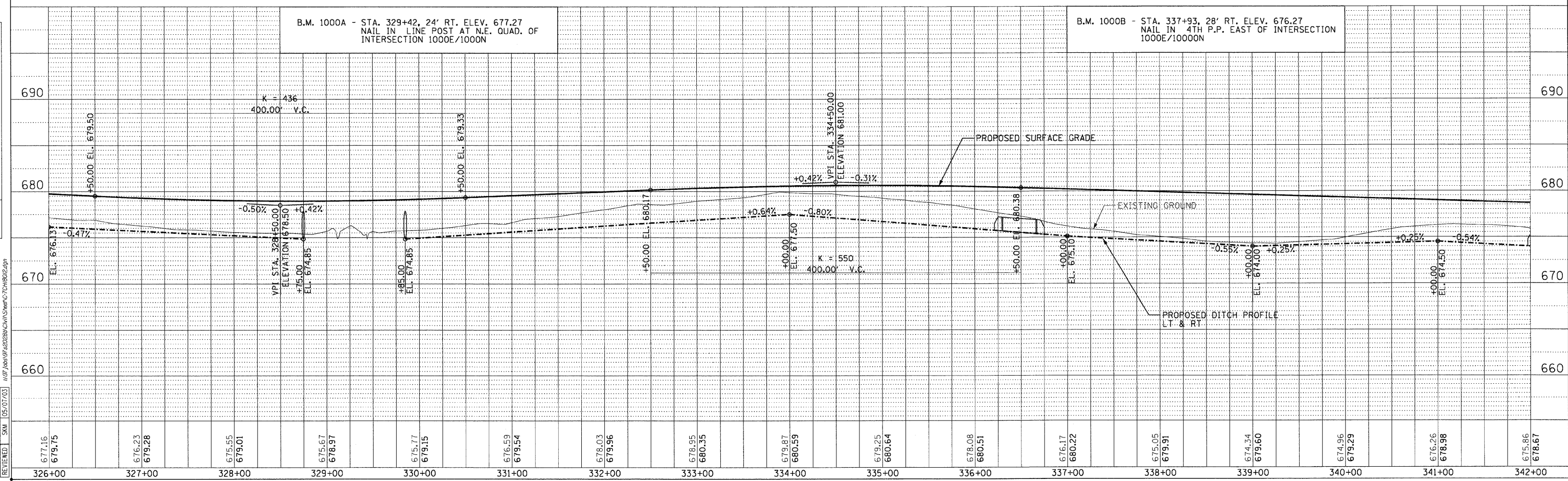


NOTE: (A) REFERS TO PROPOSED TYPICAL SECTION.

HOT-MIX ASPHALT SHOULDERS 8"
 6" AGGREGATE SURFACE COURSE, TY. B

B.M. 1000A - STA. 329+42, 24' RT. ELEV. 677.27
 NAIL IN LINE POST AT N.E. QUAD. OF
 INTERSECTION 1000E/1000N

B.M. 1000B - STA. 337+93, 28' RT. ELEV. 676.27
 NAIL IN 4TH P.P. EAST OF INTERSECTION
 1000E/1000N



DATE	BY	REVISION



DATE	BY	REVISION

LAYOUT	DATE	BY	REVISION
677.16	03/28/03	SKM	05/07/03
679.75	04/28/03	DJP	05/07/03
676.23			
679.28			
675.55			
679.01			
675.67			
678.97			
675.77			
679.15			
676.59			
679.54			
678.03			
679.96			
678.95			
680.35			
679.87			
680.59			
679.25			
680.64			
678.08			
680.51			
676.17			
680.22			
675.05			
679.91			
674.34			
679.60			
674.96			
679.29			
676.26			
678.98			
675.86			
678.67			

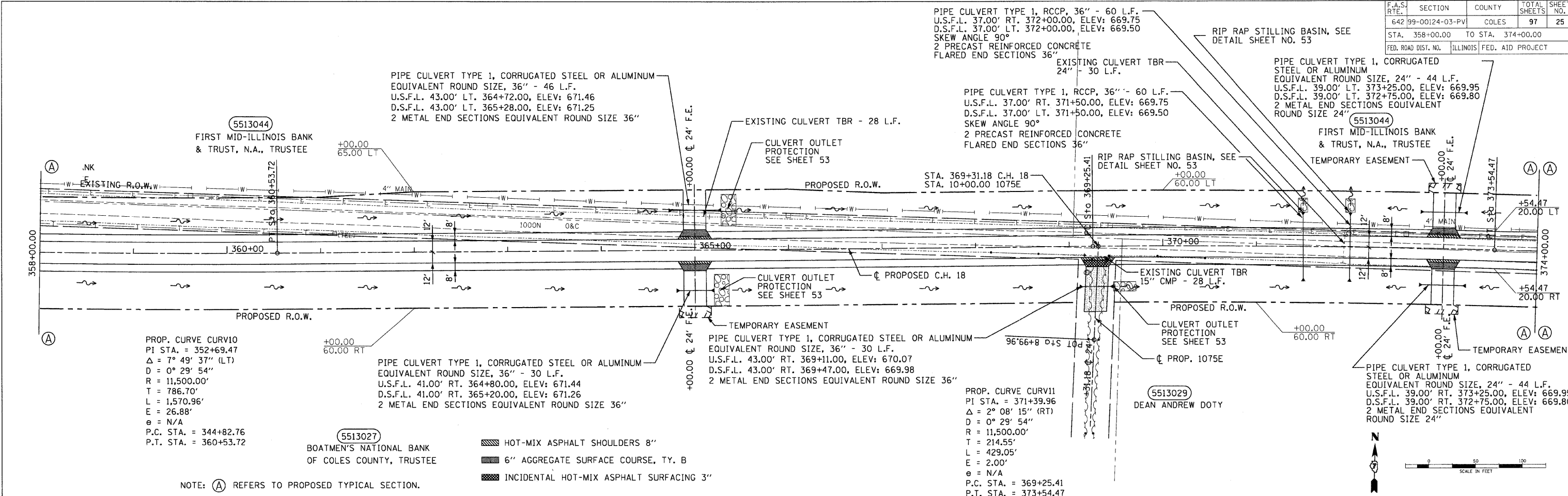
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	25
STA. 358+00.00		TO STA. 374+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY

PLAN	DATE	BY

PROF. FILE	DATE	BY

LAYOUT	DATE	BY



PROP. CURVE CURV10
 PI STA. = 352+69.47
 $\Delta = 7^\circ 49' 37''$ (LT)
 $D = 0^\circ 29' 54''$
 $R = 11,500.00'$
 $T = 786.70'$
 $L = 1,570.96'$
 $E = 26.88'$
 $e = N/A$
 P.C. STA. = 344+82.76
 P.T. STA. = 360+53.72

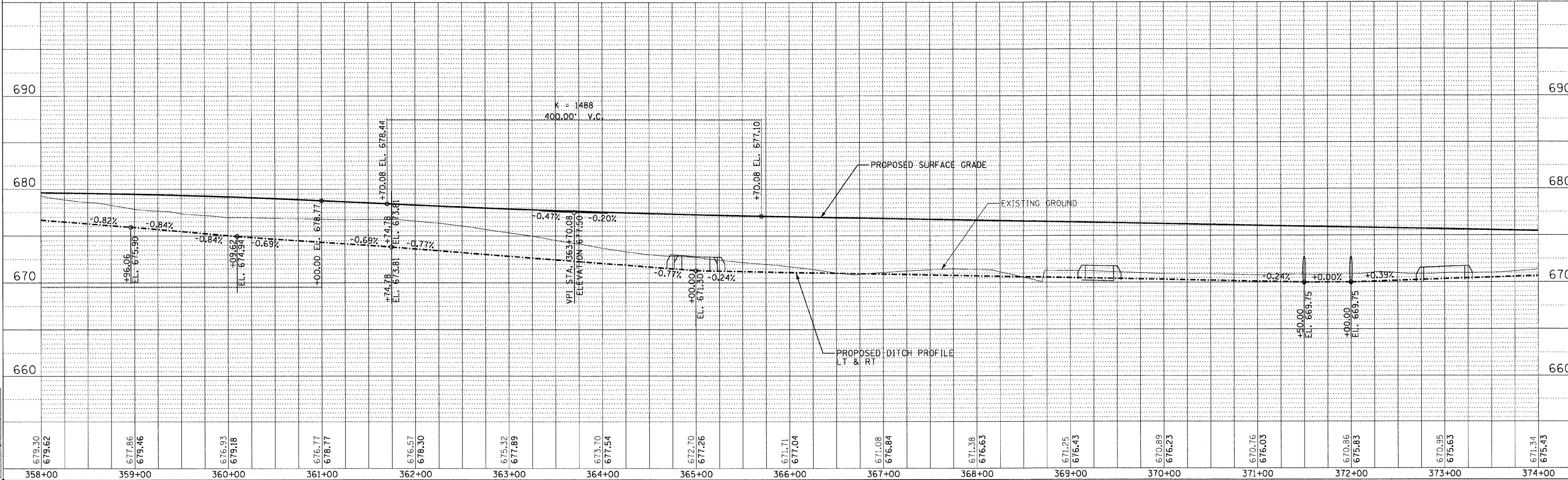
PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
 EQUIVALENT ROUND SIZE, 36" - 30 L.F.
 U.S.F.L. 41.00' RT. 364+80.00, ELEV: 671.44
 D.S.F.L. 41.00' RT. 365+20.00, ELEV: 671.26
 2 METAL END SECTIONS EQUIVALENT ROUND SIZE 36"

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
 EQUIVALENT ROUND SIZE, 36" - 30 L.F.
 U.S.F.L. 43.00' RT. 369+11.00, ELEV: 670.07
 D.S.F.L. 43.00' RT. 369+47.00, ELEV: 669.98
 2 METAL END SECTIONS EQUIVALENT ROUND SIZE 36"

PROP. CURVE CURV11
 PI STA. = 371+39.96
 $\Delta = 2^\circ 08' 15''$ (RT)
 $D = 0^\circ 29' 54''$
 $R = 11,500.00'$
 $T = 214.55'$
 $L = 429.05'$
 $E = 2.00'$
 $e = N/A$
 P.C. STA. = 369+25.41
 P.T. STA. = 373+54.47

- HOT-MIX ASPHALT SHOULDERS 8"
- 6" AGGREGATE SURFACE COURSE, TY. B
- INCIDENTAL HOT-MIX ASPHALT SURFACING 3"

NOTE: (A) REFERS TO PROPOSED TYPICAL SECTION.



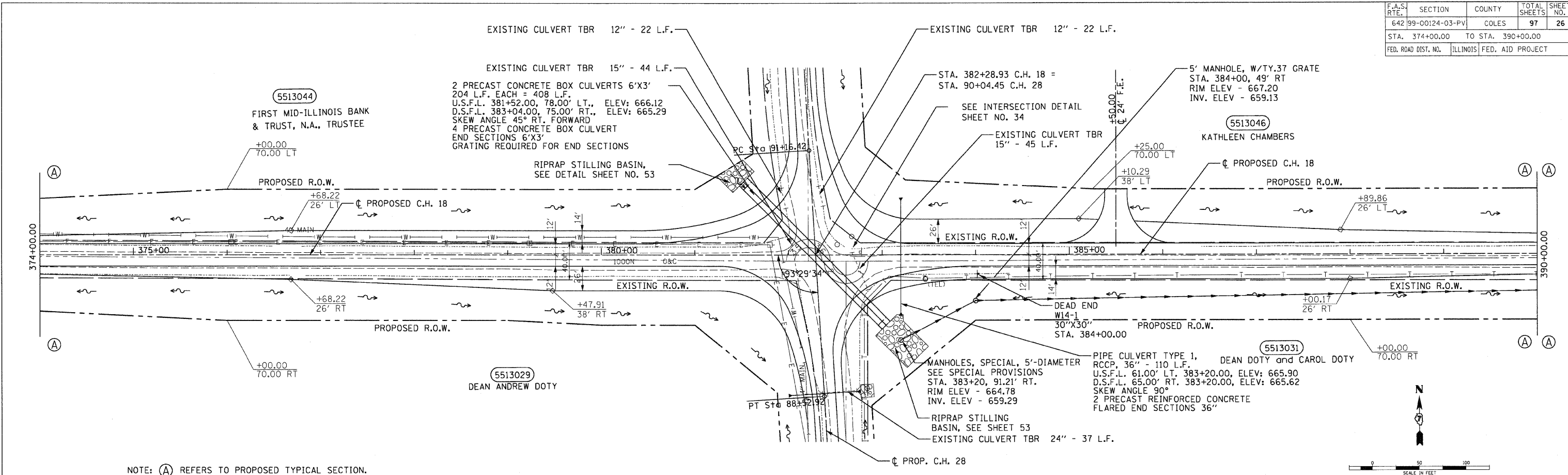
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	26
STA. 374+00.00		TO STA. 390+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE	BY	DESCRIPTION
		PLAN
		NOTE BOOK
		ALIGNED
		CHECKED
		BY
		NO. OF WAY CHECKED
		FILE NAME
		NO.

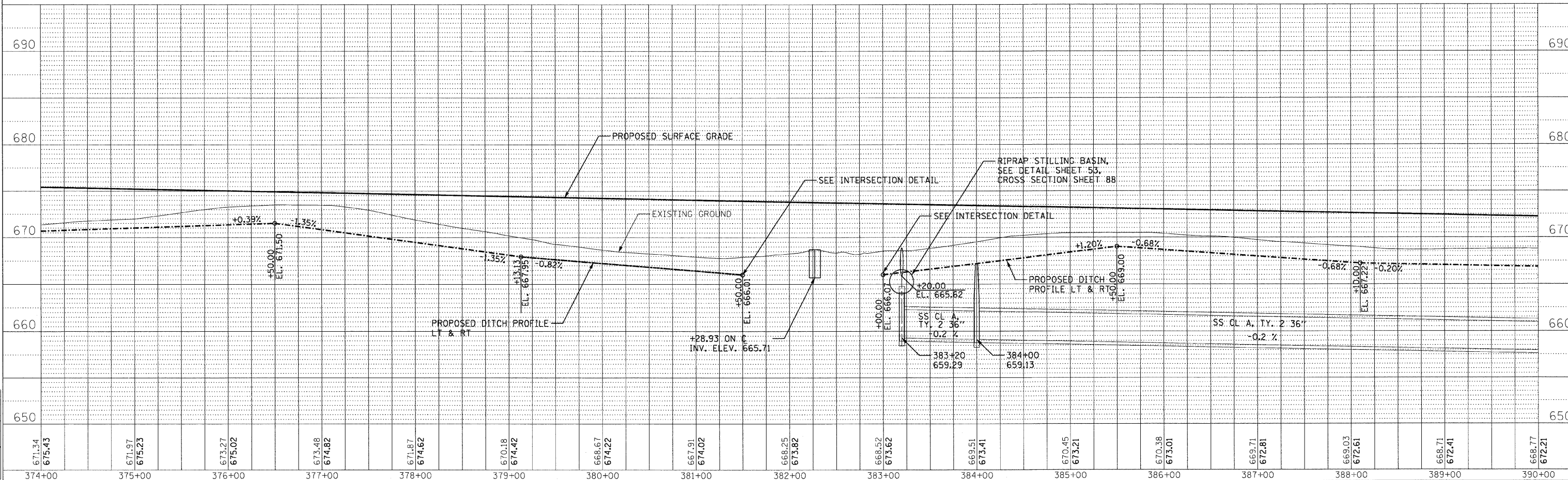
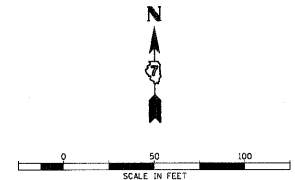


DATE	BY	DESCRIPTION
		PROFILE
		NOTE BOOK
		GRADES
		CHECKED
		BY
		STRUCTURE NOTATIONS
		CHFD
		NO.

LAYOUT	DUP/SM	DATE
		03/28/03
		04/28/03
		05/07/03



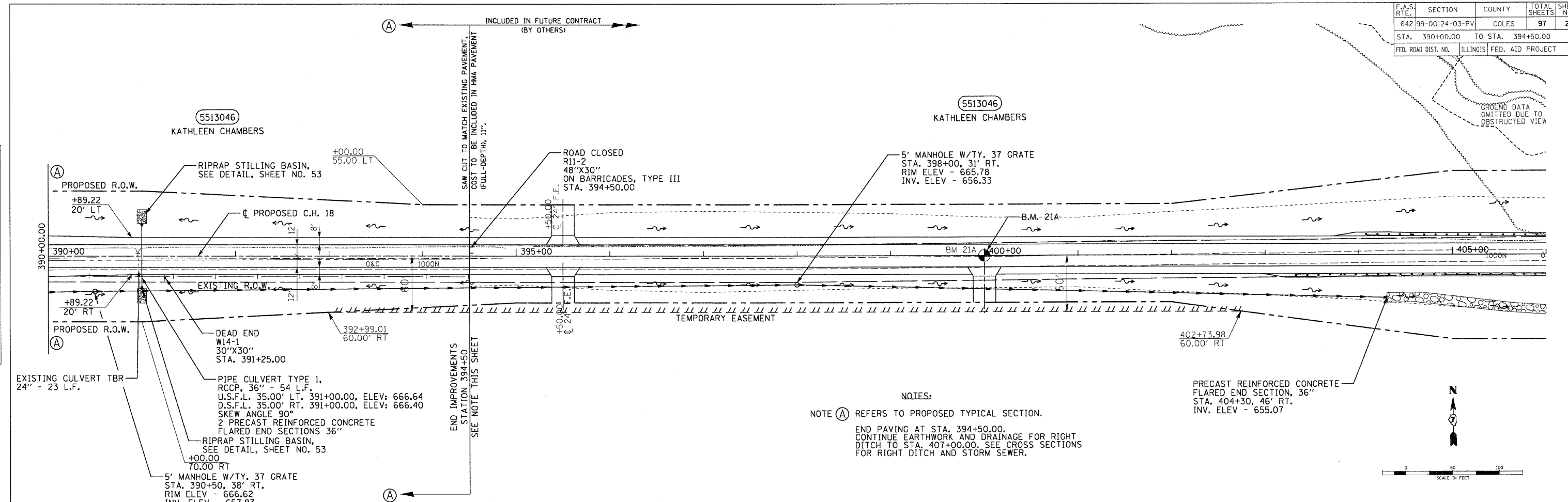
NOTE: (A) REFERS TO PROPOSED TYPICAL SECTION.



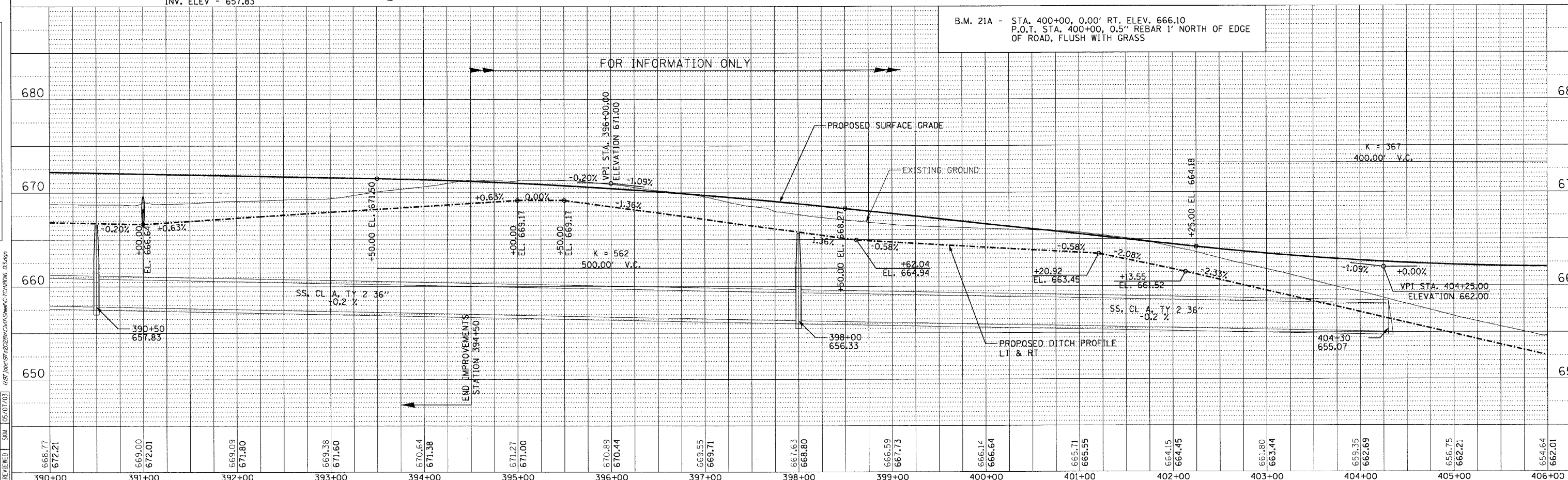
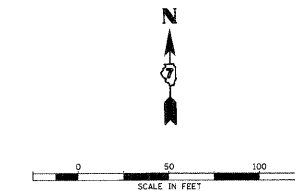
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	27
STA. 390+00.00		TO STA. 394+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DATE: _____ BY: _____
 SURVEYED: _____
 PLAN: _____
 NOTE BOOK: _____
 NO. _____

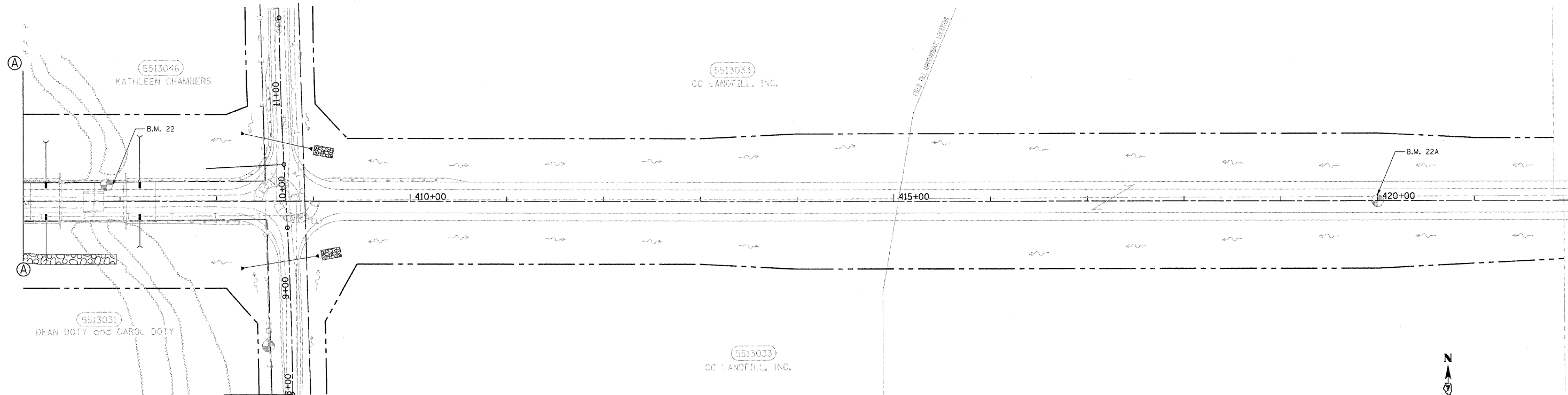
DATE: _____ BY: _____
 PROFILE: _____
 NOTE BOOK: _____
 NO. _____



NOTES:
 NOTE (A) REFERS TO PROPOSED TYPICAL SECTION.
 END PAVING AT STA. 394+50.00.
 CONTINUE EARTHWORK AND DRAINAGE FOR RIGHT DITCH TO STA. 407+00.00. SEE CROSS SECTIONS FOR RIGHT DITCH AND STORM SEWER.



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	28
STA. 406+00.00		TO STA. 422+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

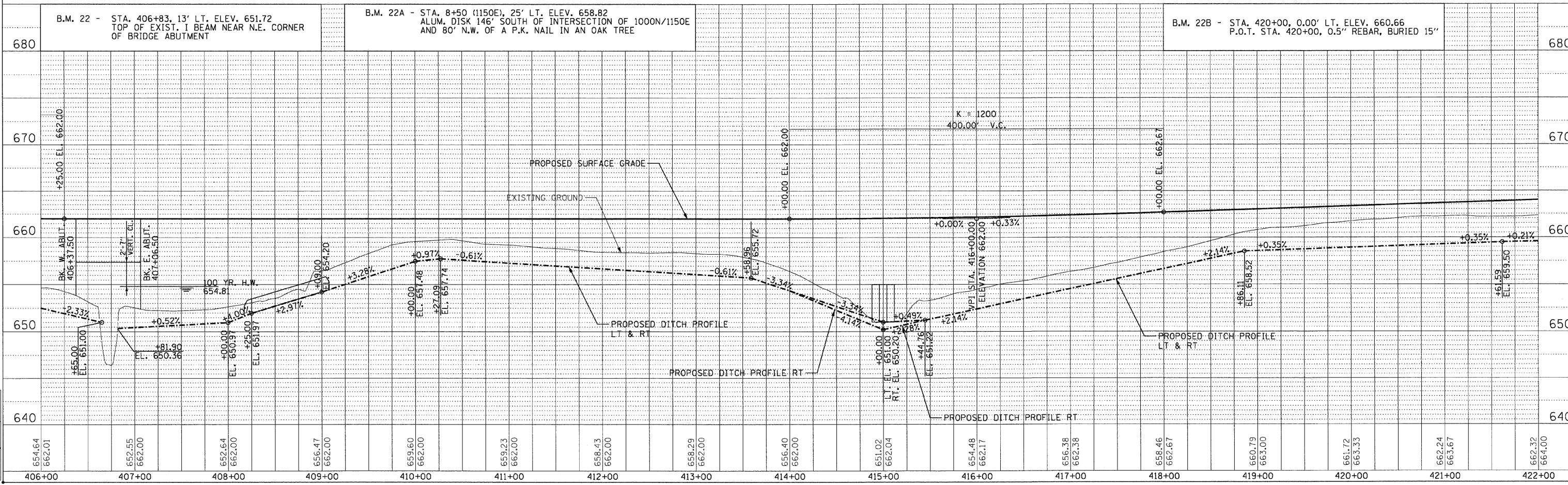


DATE	BY

PLAN
 SURVEYED
 NOTE BOOK
 ALIGNMENT CHECKED
 RT. OF WAY CHECKED
 JOB FILE MADE

DATE	BY

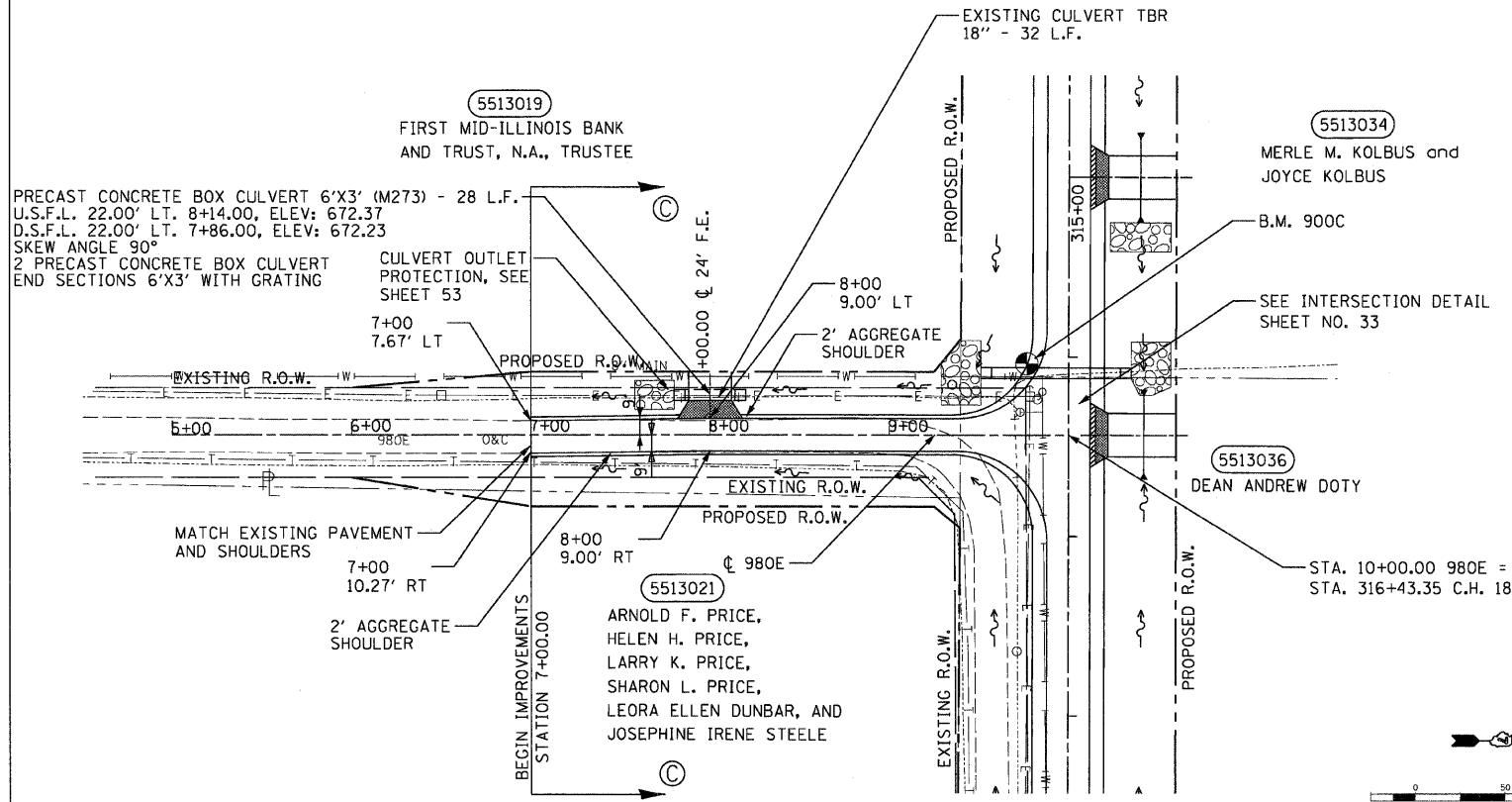
PROFILE
 SURVEYED
 GRADES CHECKED
 B.M. NOTED
 STRUCTURE NOTATIONS OK'D



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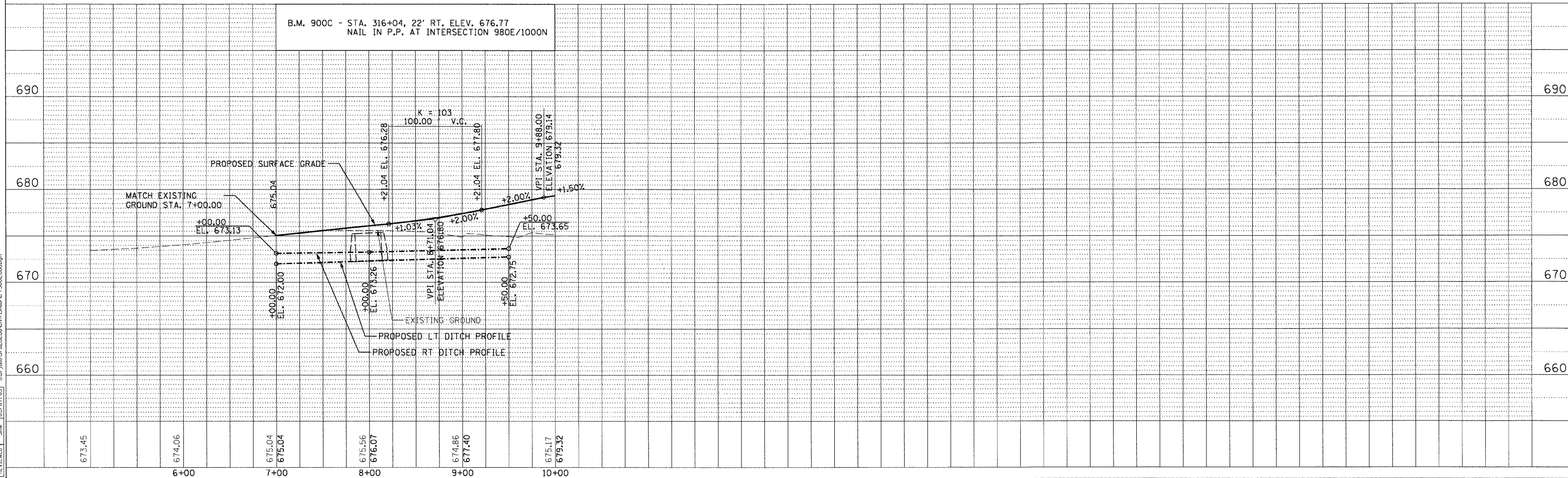


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	29
STA. 7+00.00		TO STA. 10+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE: (C) REFERS TO PROPOSED TYPICAL SECTION.

6" AGGREGATE SURFACE COURSE, TY. B



CO. RD. 980E STA. 7+00.00 TO STA. 10+00.00

DATE	BY	REVISION

SURVEYED ALIGNMENT CHECKED
 PLAN NOTE BOOK NO. _____
 RT. OF WAY CHECKED
 ROAD FILE NAME NO. _____

DATE	BY	REVISION

DATE	BY	REVISION

LAYOUT	DIP/SKM	DATE

DRAWN: _____
 REVIEWED: _____
 DATE: 03/28/03
 D.P.: 04/23/03
 SKM: 05/07/03
 C:\300\2009
 AS\7\del\97\20209\Civil\Sheet\790E\066.rvt

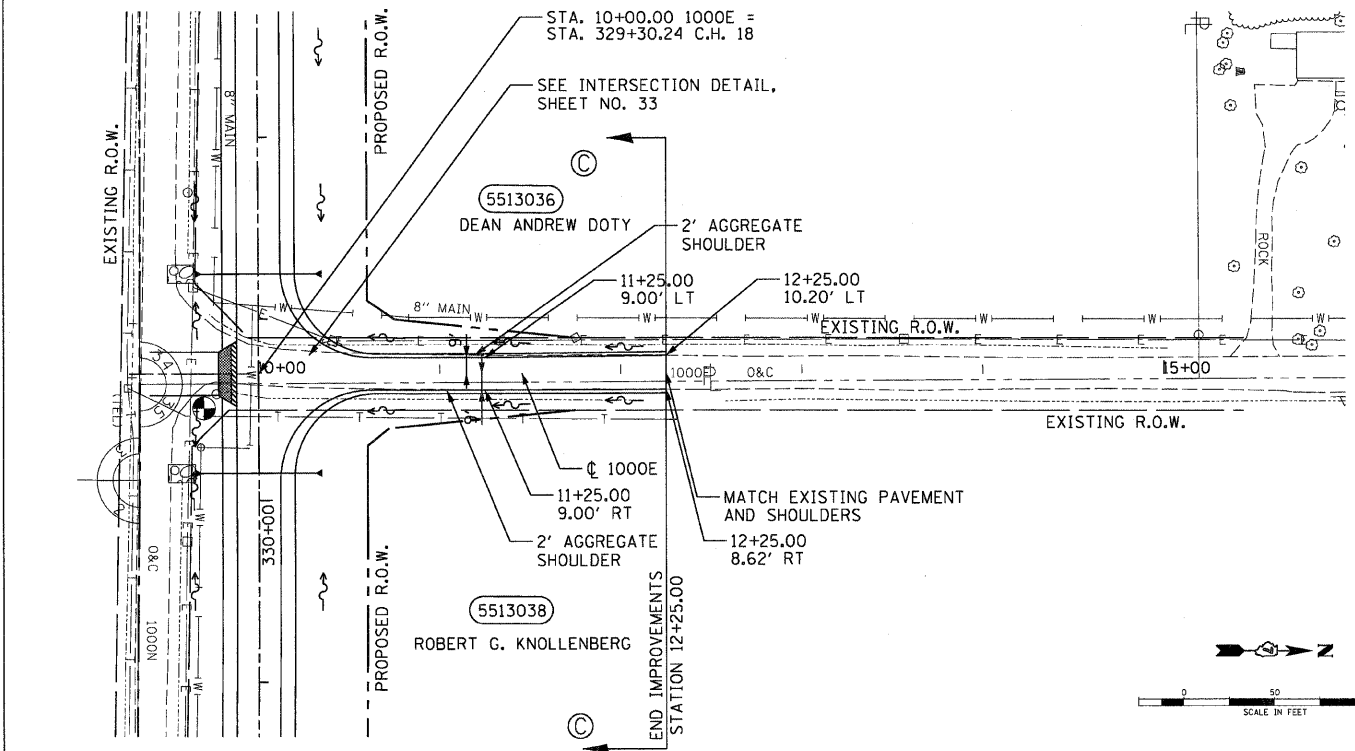
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	30
STA. 10+00.00		TO STA. 12+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	BY

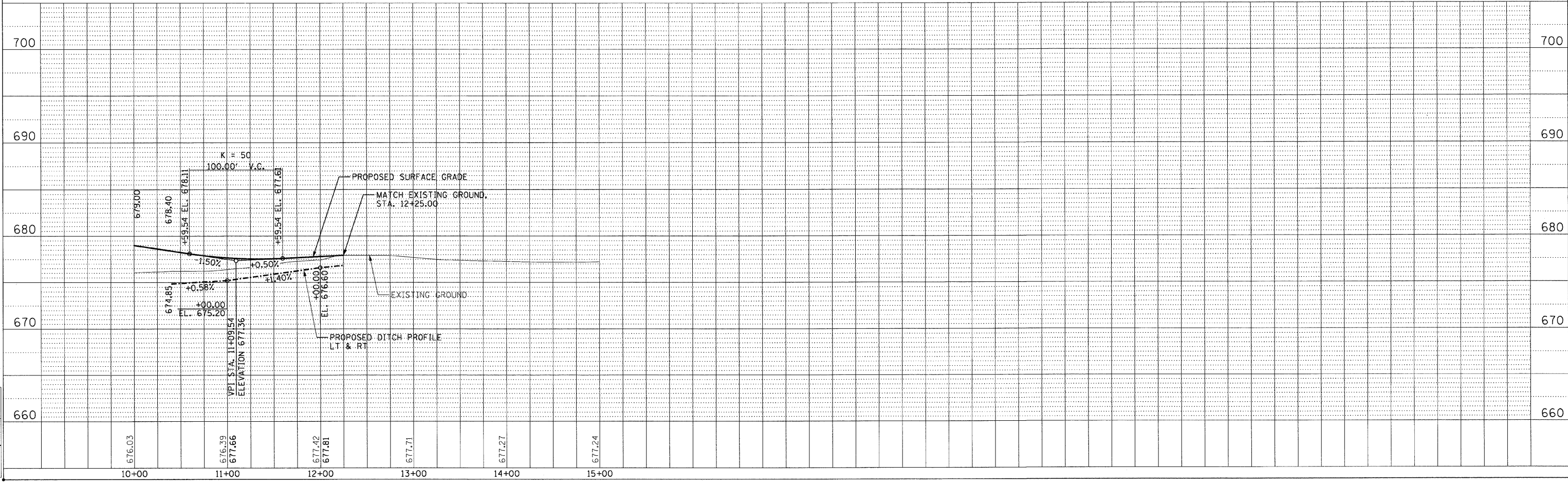


DATE	BY

PROF. NO.	NOTED	CHECKED	DATE



NOTE: (C) REFERS TO PROPOSED TYPICAL SECTION.



CO. RD. 1000E STA. 10+00.00 TO STA. 12+25.00

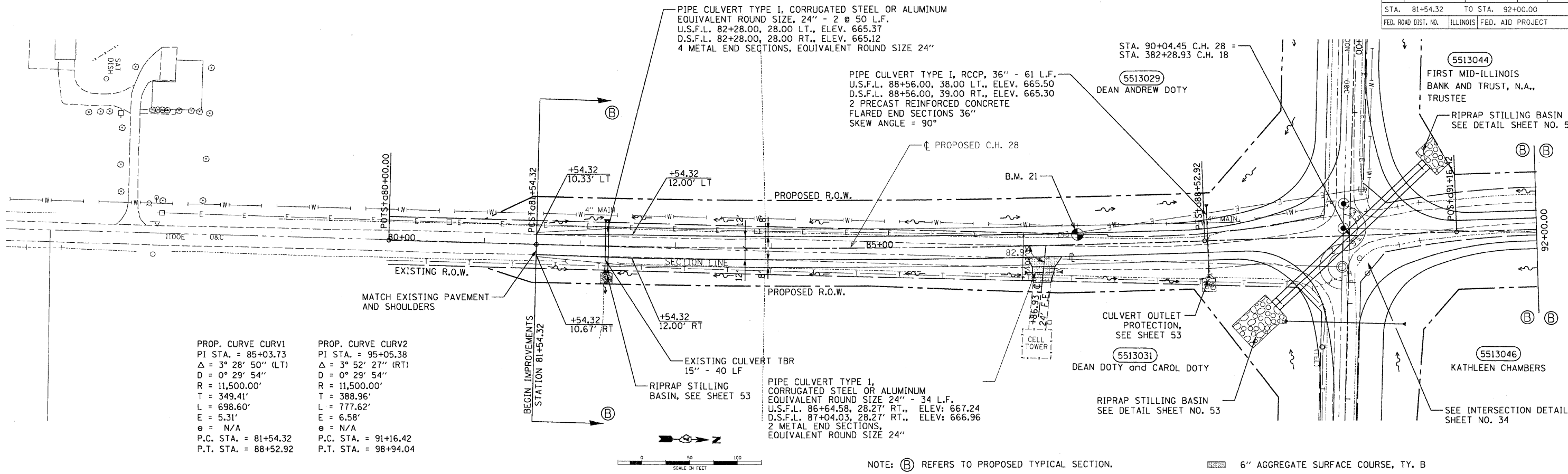
LAYOUT: DWP/SM 03/28/03
 DRAWN: DWP 04/28/03
 REVIEWED: SAM 05/07/03
 03/30/03/09
 I:\97\06a\97a28280\Civil\Sheet\7-1000950.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	31
STA. 81+54.32		TO STA. 92+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

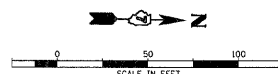
PIPE CULVERT TYPE I, CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE, 24" - 2 @ 50 L.F.
U.S.F.L. 82+28.00, 28.00 LT., ELEV. 665.37
D.S.F.L. 82+28.00, 28.00 RT., ELEV. 665.12
4 METAL END SECTIONS, EQUIVALENT ROUND SIZE 24"

PIPE CULVERT TYPE I, RCCP, 36" - 61 L.F.
U.S.F.L. 88+56.00, 38.00 LT., ELEV. 665.50
D.S.F.L. 88+56.00, 39.00 RT., ELEV. 665.30
2 PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 36"
SKEW ANGLE = 90°

PIPE CULVERT TYPE I,
CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE 24" - 34 L.F.
U.S.F.L. 86+64.58, 28.27' RT., ELEV: 667.24
D.S.F.L. 87+04.03, 28.27' RT., ELEV: 666.96
2 METAL END SECTIONS,
EQUIVALENT ROUND SIZE 24"

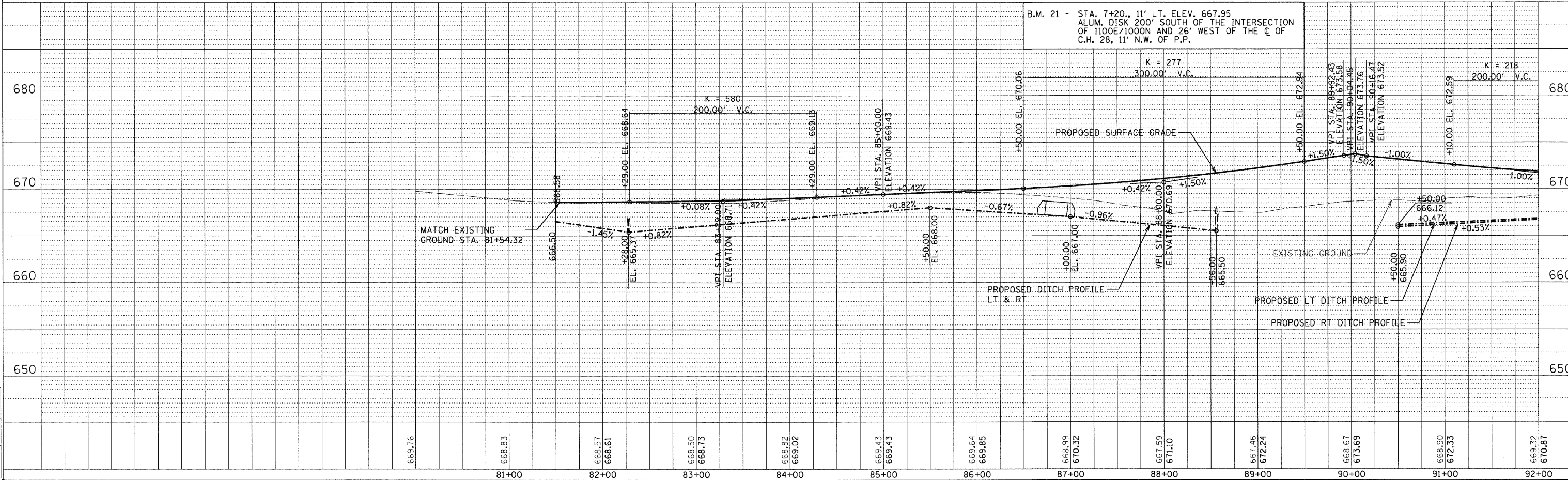


PROP. CURVE CURV1 PI STA. = 85+03.73 Δ = 3° 28' 50" (LT) D = 0° 29' 54" R = 11,500.00' T = 349.41' L = 698.60' E = 5.31' e = N/A P.C. STA. = 81+54.32 P.T. STA. = 88+52.92	PROP. CURVE CURV2 PI STA. = 95+05.38 Δ = 3° 52' 27" (RT) D = 0° 29' 54" R = 11,500.00' T = 388.96' L = 777.62' E = 6.58' e = N/A P.C. STA. = 91+16.42 P.T. STA. = 98+94.04
--	--



NOTE: (B) REFERS TO PROPOSED TYPICAL SECTION.

6" AGGREGATE SURFACE COURSE, TY. B



B.M. 21 - STA. 7+20., 11' LT. ELEV. 667.95
ALUM. DISK 200' SOUTH OF THE INTERSECTION
OF 1100E/1000N AND 26' WEST OF THE CL OF
C.H. 28, 11' N.W. OF P.P.

DATE	
BY	
PLANNING	
DESIGN	
CHECKING	
DATE	
BY	
PLANNING	
DESIGN	
CHECKING	



DATE	
BY	
PROFILE	
DESIGN	
CHECKING	
DATE	
BY	
PROFILE	
DESIGN	
CHECKING	

LAYOUT: D.J.P./S.M. 03/28/03
DRAWN: D.J.P. 04/28/03
REVIEWED: J.S.M. 05/07/03
03/30/2009
r:\b\proj\95580\2803\c\m\sheet\c7\128026.dwg

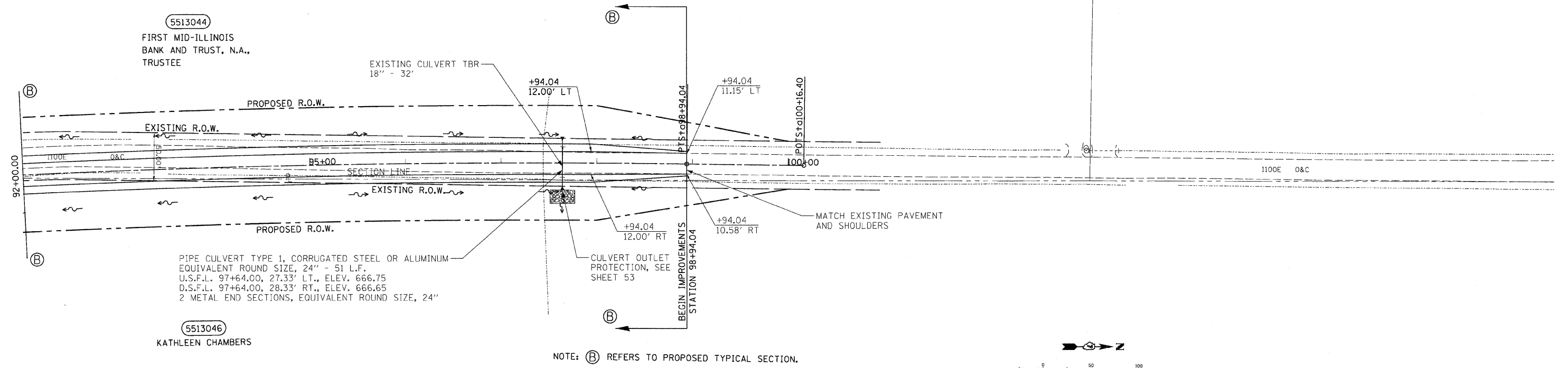
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	32
STA. 92+00.00		TO STA. 98+94.04		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY
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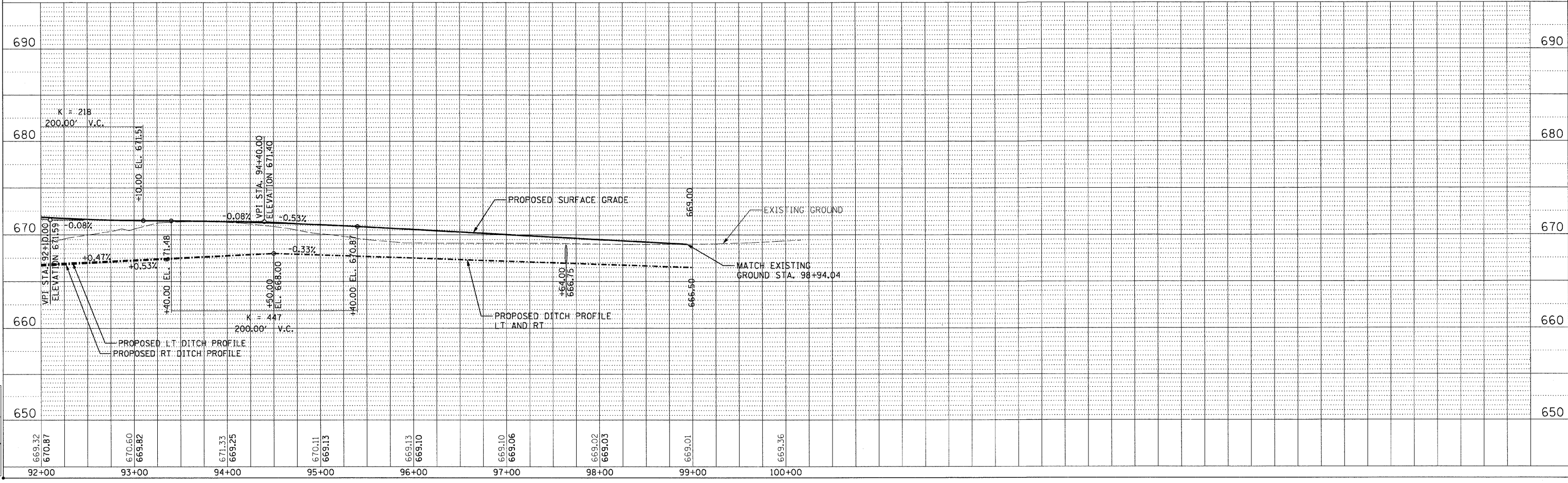
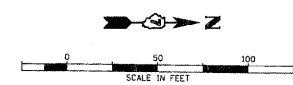


5513044
FIRST MID-ILLINOIS
BANK AND TRUST, N.A.,
TRUSTEE

5513046
KATHLEEN CHAMBERS

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE, 24" - 51 L.F.
U.S.F.L. 97+64.00, 27.33' LT., ELEV. 666.75
D.S.F.L. 97+64.00, 28.33' RT., ELEV. 666.65
2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"

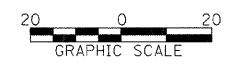
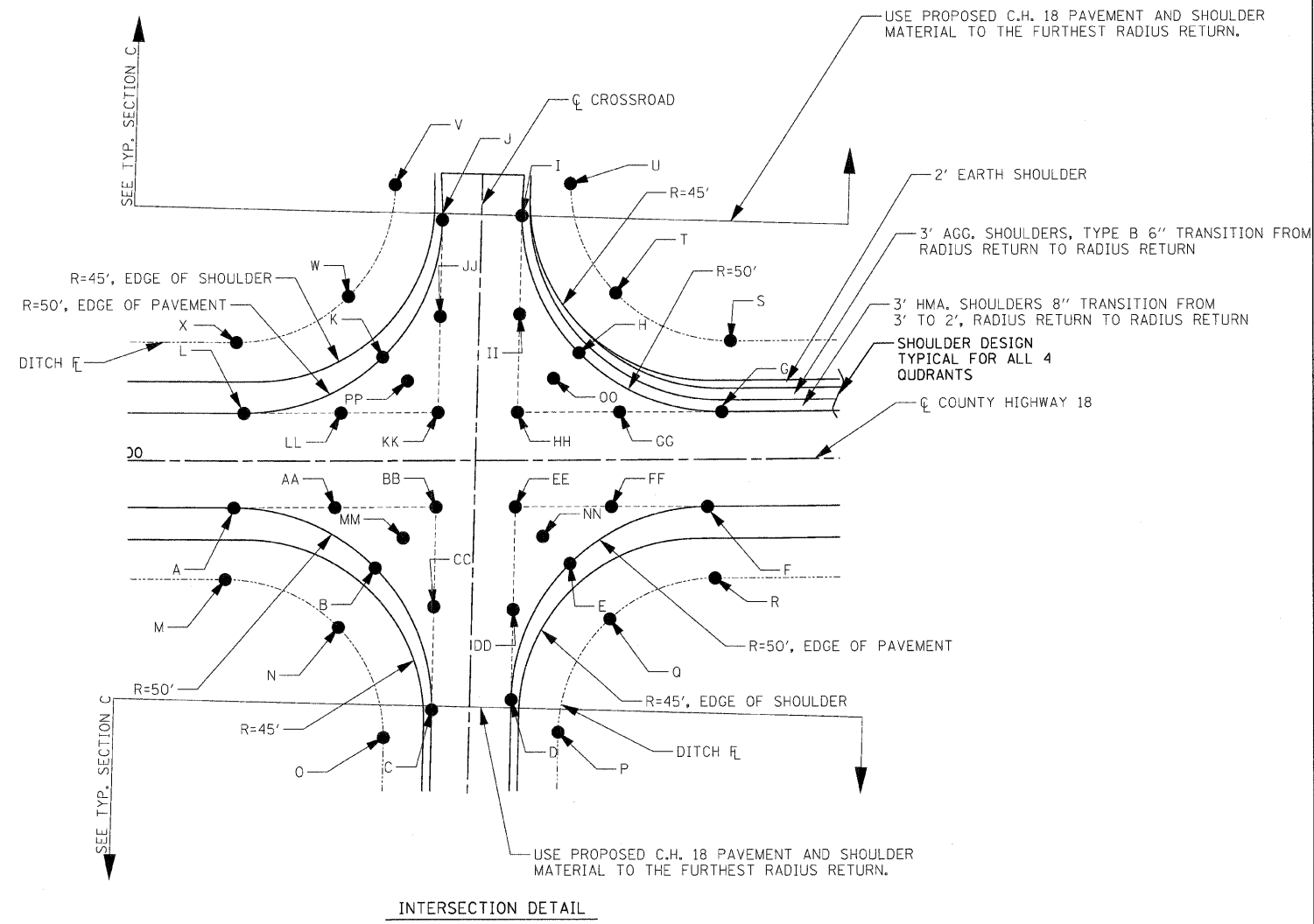
NOTE: (B) REFERS TO PROPOSED TYPICAL SECTION.



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	33
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99-00124-03-PV				

*	980E			1000E		
	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION
A	315+84.59	12.00	679.00	328+71.44	12.00	678.78
B	316+19.87	26.58	678.56			
C	316+34.59	61.80	677.96			
D	316+52.59	62.19	677.95			
E	316+67.16	26.71	678.60			
F	317+02.59	12.00	679.28	329+89.46	12.00	678.94
G	317+02.59	12.00	679.28	329+89.46	12.00	678.94
H				329+54.03	26.69	678.42
I				329+39.44	62.16	678.25
J				329+21.44	61.84	678.25
K				329+06.74	26.59	678.41
L	315+84.59	12.00	679.00	328+71.44	12.00	678.78
M	315+84.59	41.44	673.10			
N	316+04.09	46.33	672.79			
O	316+16.12	62.32	672.71			
P	316+68.37	62.13	673.62			
Q	316+82.02	46.13	673.70			
R	317+02.59	41.74	673.77			
S				329+84.96	36.23	674.85
T				329+63.87	43.79	674.91
U				329+50.99	62.12	674.98
V				329+09.97	62.26	674.98
W				328+96.84	43.18	674.91
X				328+74.98	35.51	674.85
AA	316+09.49	12.00	679.06	328+96.36	12.00	678.78
BB	316+34.39	12.00	679.12	329+21.28	12.00	678.81
CC	316+34.49	36.90	678.46			
DD	316+52.49	37.10	678.46			
EE	316+52.39	12.00	679.16	329+39.28	12.00	678.83
FF	316+77.49	12.00	679.22	329+64.37	12.00	678.88
GG	316+77.49	12.00	679.22	329+64.37	12.00	678.88
HH	316+52.39	12.00	679.16	329+39.28	12.00	678.83
II				329+39.36	37.08	678.44
JJ				329+21.36	36.92	678.44
KK	316+34.39	12.00	679.12	329+21.28	12.00	678.81
LL	316+09.49	12.00	679.06	328+96.36	12.00	678.78
MM	316+27.13	19.29	678.84			
NN	316+59.78	19.36	678.88			
OO				329+46.66	19.35	678.62
PP				329+14.01	19.29	678.61

* ALL STATIONS AND OFFSETS ARE REFERENCED TO COUNTY HIGHWAY 18



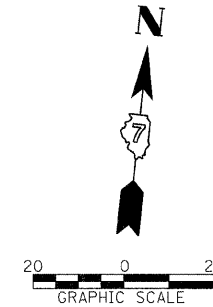
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 TOWNSHIP ROADS
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 SCALE: HORIZ. - 1"=20'
 DATE 03/30/2009
 DRAWN BY DJP
 CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

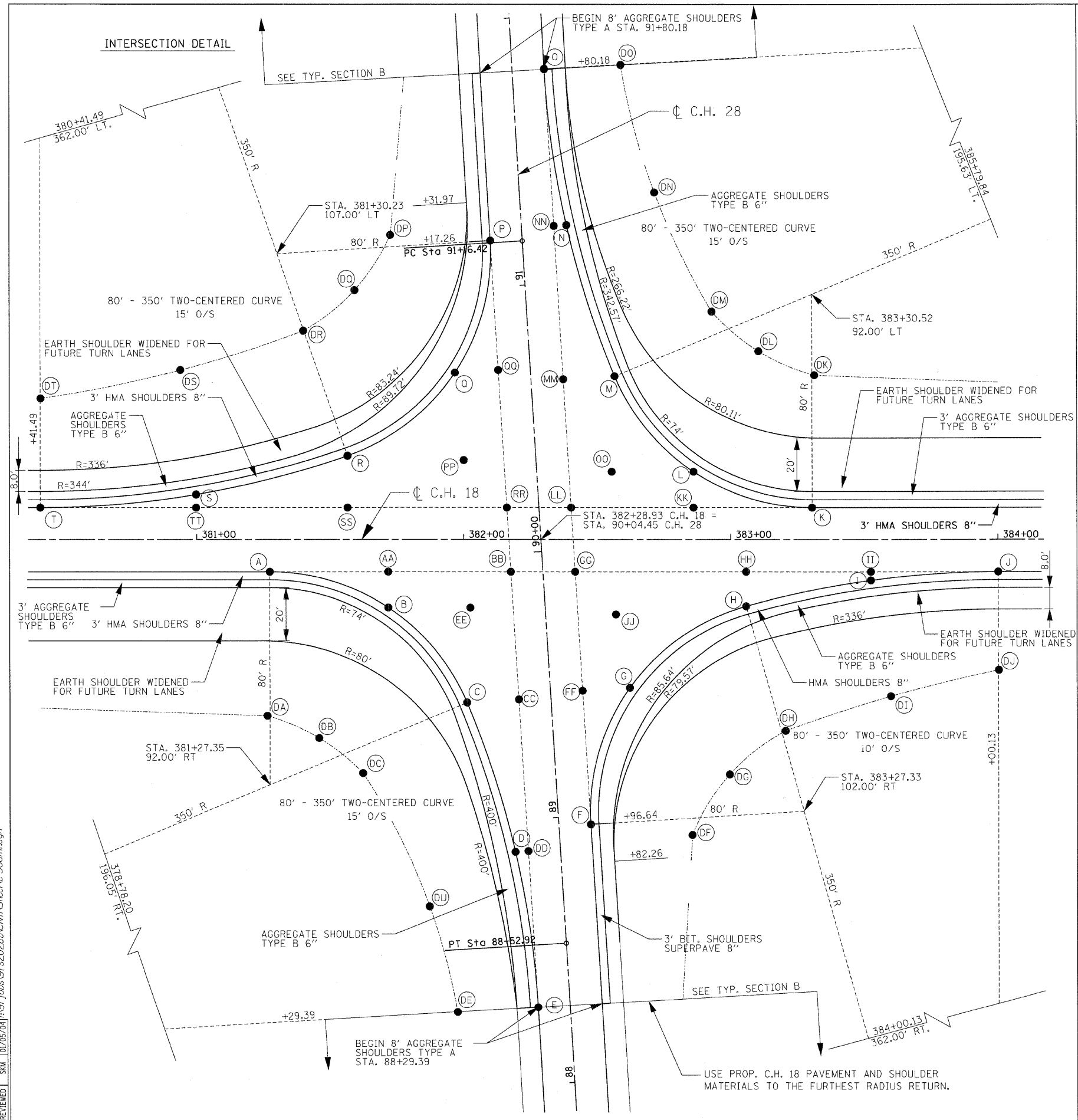
C.H. 28 (LOXA ROAD)			
* STATION	OFFSET	ELEVATION	
A	381+27.35	12.00	673.78
B	381+71.70	25.42	673.15
C	382+01.17	61.17	672.11
D	382+19.20	117.19	671.80
E	382+27.60	175.44	671.21
F	382+47.48	106.87	672.01
G	382+62.15	55.62	672.18
H	383+05.75	24.96	673.04
I	383+52.50	15.26	673.26
J	384+00.13	12.00	673.24
K	383+30.52	12.00	673.38
L	382+86.11	25.46	672.92
M	382+56.64	61.30	672.11
N	382+38.63	117.66	671.74
O	382+30.38	176.25	670.96
P	382+10.08	111.87	671.89
Q	381+96.82	62.66	672.12
R	381+56.53	31.44	673.15
S	380+99.82	16.90	673.74
T	380+41.49	12.00	673.96
AA	381+71.70	12.00	673.69
BB	382+17.63	12.00	673.60
CC	382+20.56	59.99	672.69
DD	382+24.03	116.90	671.90
EE	382+02.43	25.47	673.15
FF	382+44.45	56.69	672.72
GG	382+41.75	12.00	673.55
HH	383+05.76	12.00	673.43
II	383+52.50	12.00	673.33
JJ	382+56.98	28.01	672.99
KK	382+86.11	12.00	673.46
LL	382+40.30	12.00	673.56
MM	382+37.39	60.13	672.69
NN	382+33.93	117.38	671.83
OO	382+55.49	25.46	673.06
PP	382+00.04	29.84	673.06
QQ	382+13.02	63.65	672.61
RR	382+16.17	12.00	673.61
SS	381+56.53	12.00	673.73
TT	380+99.82	12.00	673.84
DA	381+26.39	60.07	666.20
DB	381+45.73	74.45	666.10
DC	381+62.17	87.64	666.00
DD	381+87.00	137.53	665.70
DE	381+97.45	177.32	665.59
DF	382+85.51	110.87	665.48
DG	382+99.51	88.19	665.40
DH	383+20.49	71.75	665.62
DI	383+59.91	58.78	666.15
DJ	384+00.33	48.87	667.20
DK	383+31.38	61.70	666.00
DL	383+10.50	70.73	666.00
DM	382+92.98	85.52	666.15
DN	382+71.55	129.99	666.42
DO	382+59.00	177.73	666.58
DP	381+72.63	114.02	666.32
DQ	381+59.24	93.49	666.14
DR	381+40.00	78.30	666.14
DS	380+93.98	63.69	666.58
DT	380+41.63	53.03	666.89

*ALL STATIONS AND OFFSETS ARE REFERENCED TO COUNTY HIGHWAY 18



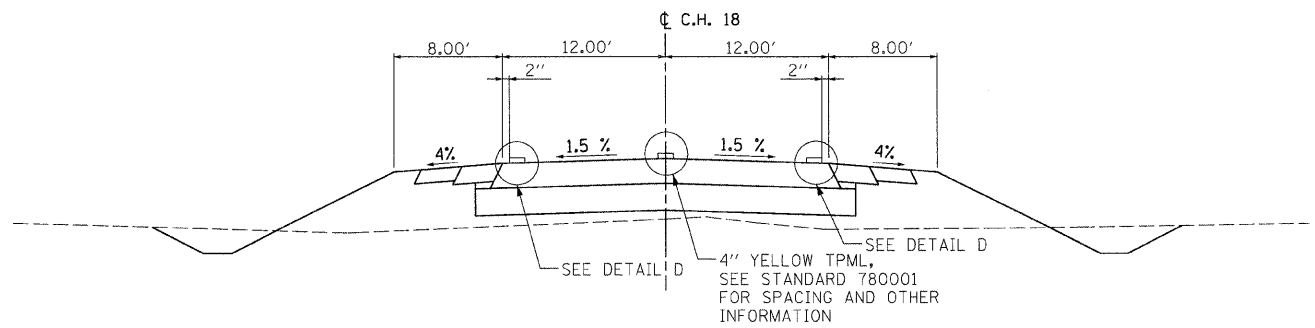
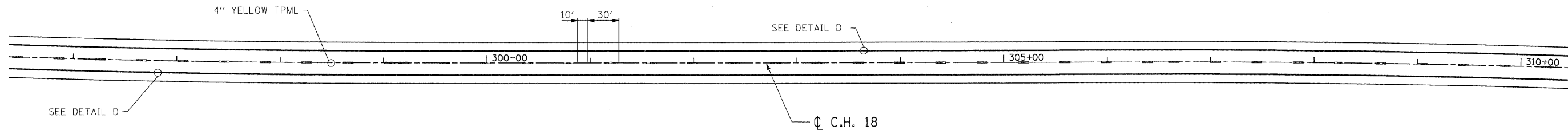
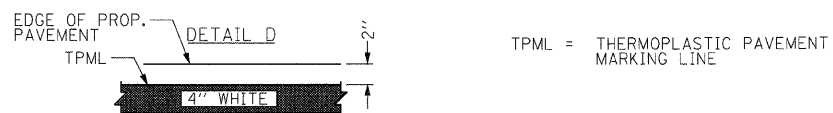
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAIL
 C.H. 28 (LOXA ROAD)
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 SCALE: HORIZ. - 1"=20'
 DATE 03/30/2009
 DRAWN BY DJP
 CHECKED BY SKM



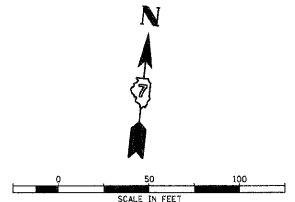
LAYOUT DJP/SKM 03/28/03
 DRAWN DJP 04/28/03
 REVIEWED SKM 10/05/04
 03/30/2009
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• 99-00124-03-PV				



COUNTY HIGHWAY 18
STA. 278+00.00 TO STA. 394+50.00
INTERSECTION OMISSIONS (EOP MARKINGS ONLY)
STA. 315+84.59 TO STA. 317+02.59 (980E)
STA. 328+71.44 TO STA. 329+89.46 (1000E)
STA. 380+41.49 TO STA. 384+00.13 (C.H. 28)

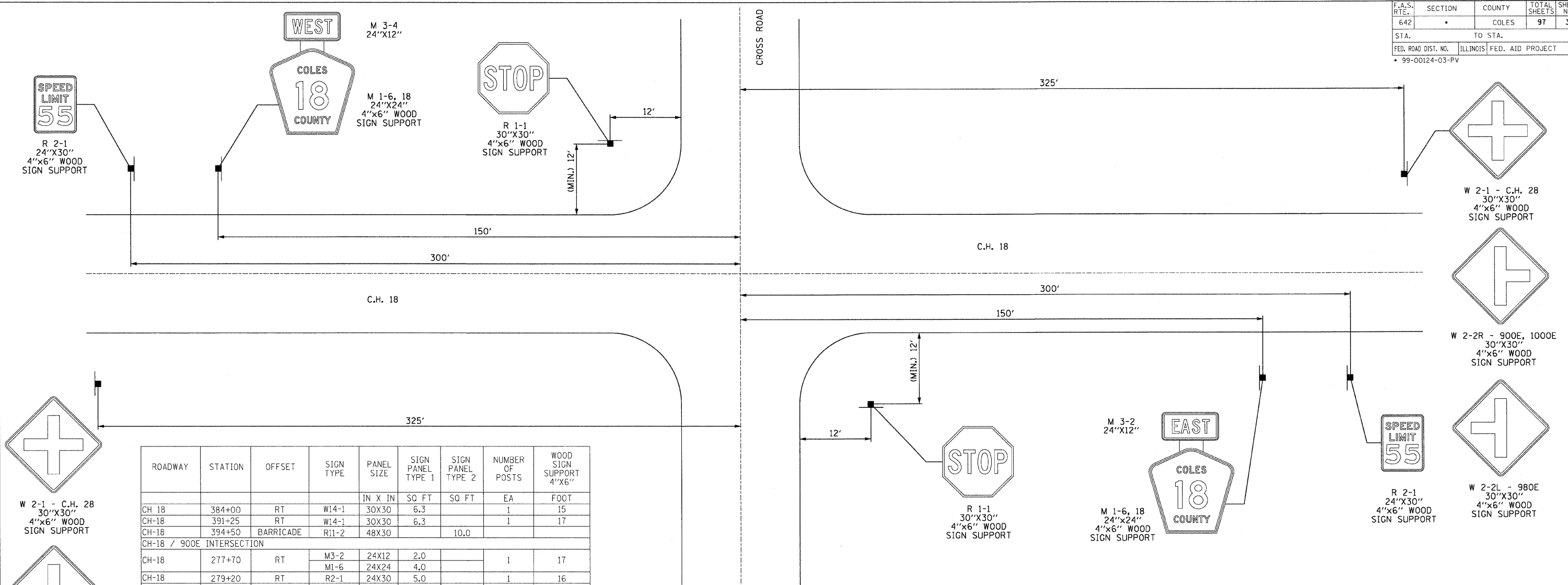
NOTES:
CONTINUE THE PAVEMENT EDGE STRIPE TO THE FURTHEST RADIUS RETURN ON THE CROSSROADS.
CONTINUE THE CENTERLINE STRIPE THROUGH THE 980E AND 1000E INTERSECTIONS. OMIT C STRIPE @ C.H. 28 INTERSECTION.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS
SCALE: HORIZ. - 1"=50'
DATE 03/30/2009
DRAWN BY DJP
CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	36
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• 99-00124-03-PV				



ROADWAY	STATION	OFFSET	SIGN TYPE	PANEL SIZE	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	NUMBER OF POSTS	WOOD SIGN SUPPORT 4"x6"
				IN X IN	SQ FT	SQ FT	EA	FOOT
CH-18	384+00	RT	W14-1	30X30	6.3		1	15
CH-18	391+25	RT	W14-1	30X30	6.3		1	17
CH-18	394+50	BARRICADE	R11-2	48X30		10.0		
CH-18 / 900E INTERSECTION								
CH-18	277+70	RT	M3-2	24X12	2.0		1	17
CH-18	279+20	RT	M1-6	24X24	4.0			
CH-18	279+45	LT	R2-1	24X30	5.0		1	16
CH-18	279+45	LT	W2-2R	30X30	6.3		1	16
CH-18 / 980E INTERSECTION								
CH-18	313+20	RT	W2-2R	30X30	6.3		1	15
CH-18	313+45	LT	R2-1	24X30	5.0		1	15
CH-18	314+95	LT	M3-4	24X12	2.0		1	18
CH-18	316+65	RT	M1-6	24X24	4.0			
CH-18	316+65	RT	R1-1	30X30	6.3		1	14
CH-18	319+70	LT	W2-2L	30X30	6.3		1	15
CH-18 / 1000E INTERSECTION								
CH-18	326+05	RT	W2-2L	30X30	6.3		1	16
CH-18	329+09	LT	R1-1	30X30	6.3		1	14
CH-18	330+80	RT	M3-2	24X12	2.0		1	17
CH-18	332+30	RT	M1-6	24X24	4.0			
CH-18	332+55	LT	R2-1	24X30	5.0		1	16
CH-18	332+55	LT	W2-2R	30X30	6.3		1	15
CH-18 / 1075E INTERSECTION								
CH-18	369+54	RT	R1-1	30X30	6.3		1	15
CH-18 / CH-28 INTERSECTION								
CH-18	379+04	RT	W2-1	30X30	6.3		1	14
CH-18	379+29	LT	R2-1	24X30	5.0		1	15
CH-18	380+79	LT	M3-4	24X12	2.0		1	16
CH-18	380+79	LT	M1-6	24X24	4.0			
CH-18	381+95	LT	R1-1	30X30	6.3		1	13
CH-18	382+60	RT	R1-1	30X30	6.3		1	13
CH-18	383+79	RT	M3-2	24X12	2.0		1	16
CH-18	385+29	RT	M1-6	24X24	4.0			
CH-18	385+29	RT	R2-1	24X30	5.0		1	15
CH-18	385+54	LT	W2-1	30X30	6.3		1	15
			TOTAL		143.2	10.0		368

TYPICAL SIGN PLACEMENT @ INTERSECTIONS
SEE STANDARD 720006 FOR MORE INFORMATION

NOTE: SEE PLAN AND PROFILE SHEETS 26 AND 27 FOR DEAD END AND ROAD CLOSED SIGNS AT THE END OF THE PROJECT.



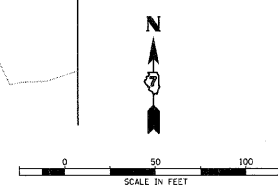
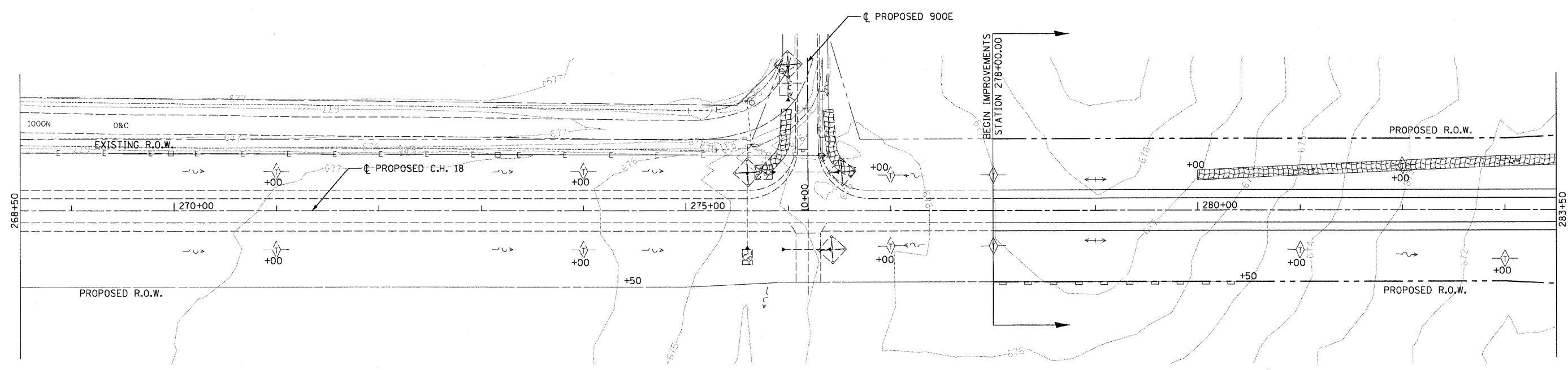
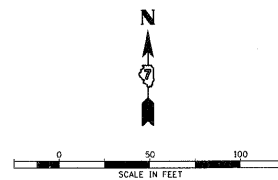
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING PLAN
FAS 642
SEC NO. 88-00124-03-PV
COLES COUNTY, ILLINOIS
SCALE: NOT TO SCALE
DATE 03/30/2009
DRAWN BY JAP
CHECKED BY SKM

LAYOUT	JAP	01/12/04
DRAWN	JAP	01/14/04
REVIEWED	SKM	01/15/04

03/30/2009
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	37
STA. 278+00.00		TO STA. 283+50.00		
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.

LEGEND

Symbol	Description	EA.	L.F.	SO.YD.
	EROSION CONTROL BLANKET	0	0'	389
	PERIMETER EROSION BARRIER	0	250'	0
	DITCH CHECK TEMPORARY	5	0'	0
	INLET AND PIPE PROTECTION	0	0'	0
	DITCH FLOW			
	DITCH FLOW SUMMIT			

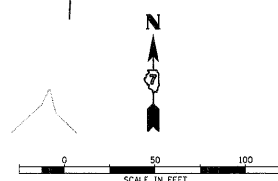
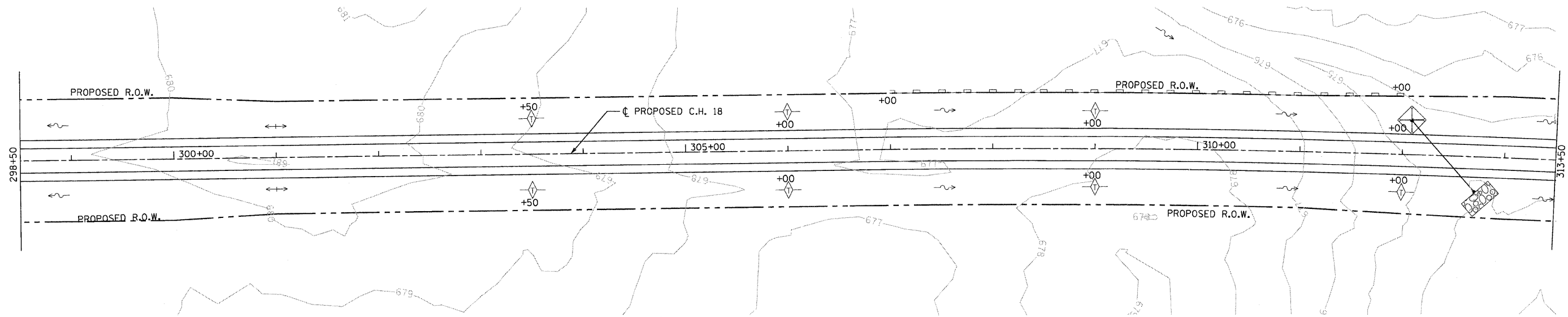
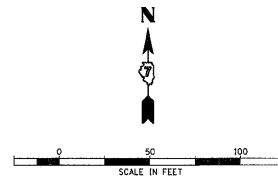
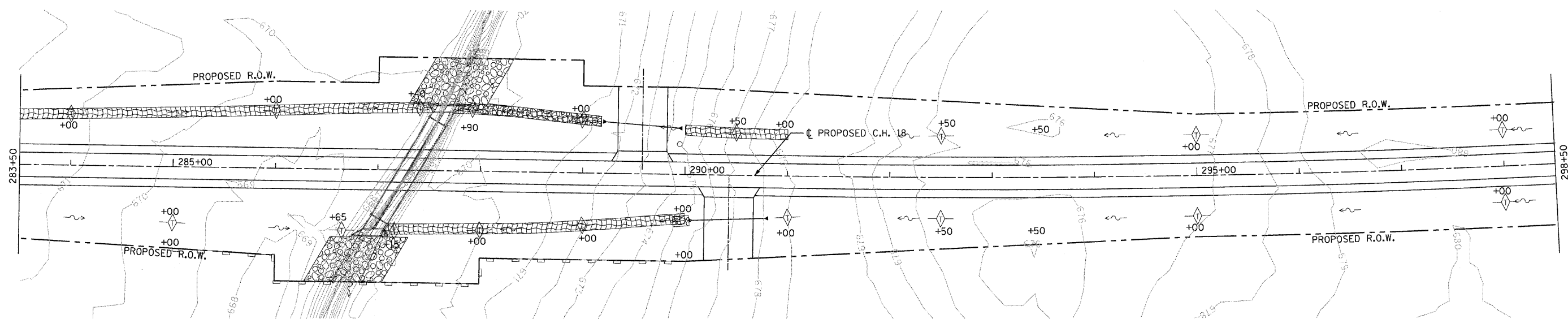
NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 53 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 SCALE: HORIZ. - 1"=50'
 DATE 03/30/2009
 DRAWN BY JAP
 CHECKED BY SKM

03/30/2009
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 LAYOUT: BUB 03/19/03
 DRAWN: JAP 03/31/03
 REVIEWED: SKM 04/01/03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	38
STA. 283+50.00		TO STA. 313+50.00		
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.

LEGEND

SYMBOL	DESCRIPTION	E.A.	L.F.	SQ.YD.
[Hatched Box]	EROSION CONTROL BLANKET	0	0'	939
[Dashed Line]	PERIMETER EROSION BARRIER	0	1100'	0
[Diamond]	DITCH CHECK TEMPORARY	25	0'	0
[Diamond with X]	INLET AND PIPE PROTECTION	1	0'	0
[Wavy Line]	DITCH FLOW			
[Arrow]	DITCH FLOW SUMMIT			

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 53 FOR EROSION CONTROL BLANKET DETAIL.

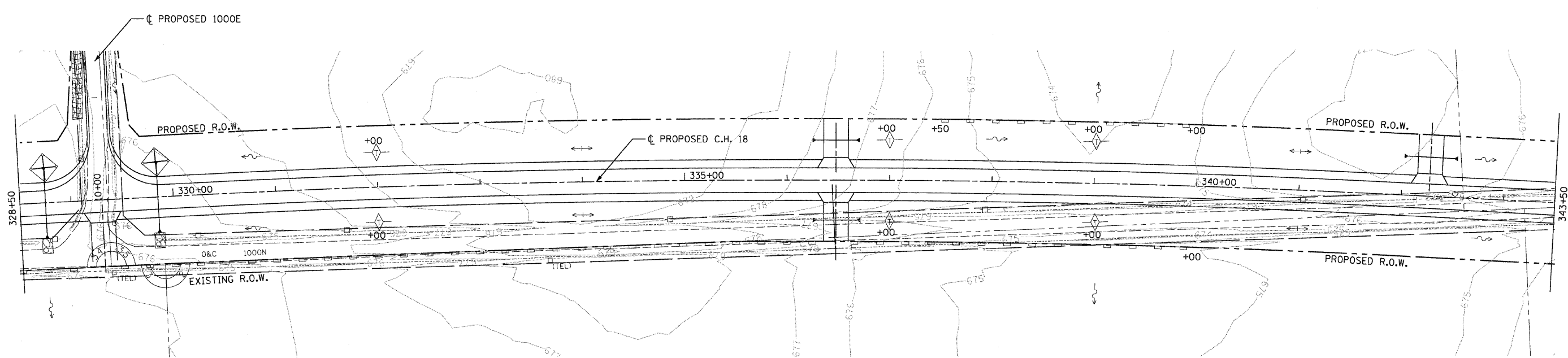
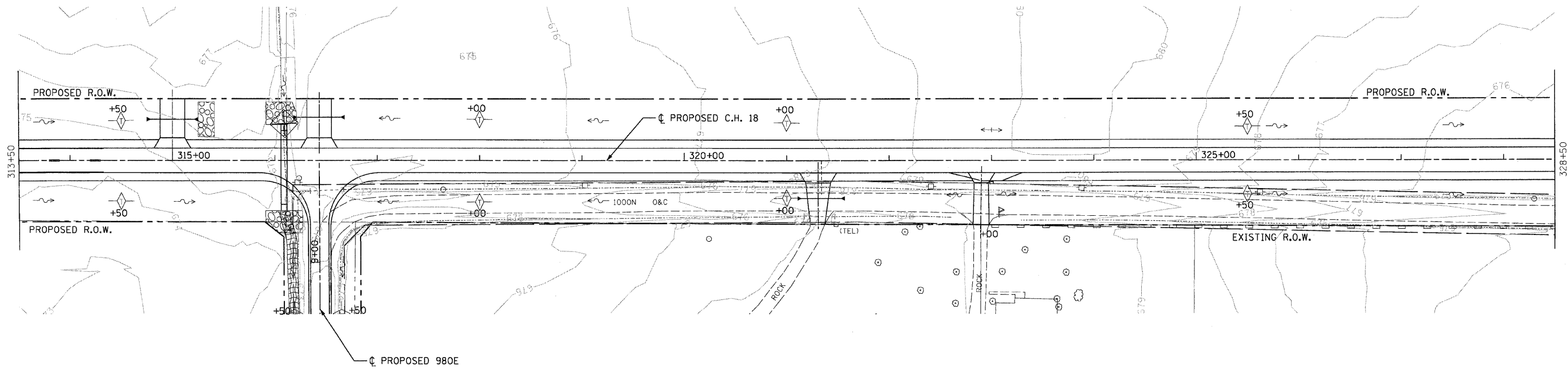
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 SCALE: HORIZ. - 1"=50'
 DATE 03/30/2009
 DRAWN BY JAP
 CHECKED BY SKM

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03/30/2009
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 LAYOUT BLR 03/19/03
 DRAWN BLP/JAP 03/21/03
 REVIEWED SKM 04/01/03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	39
STA. 313+50.00		TO STA. 343+50.00		
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.

LEGEND

	EA.	L.F.	SQ.YD.
	0	0'	0
	0	1,858'	0
	14	0'	0
	3	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 53 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

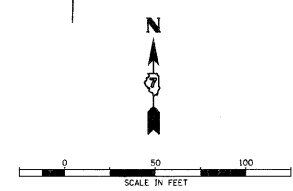
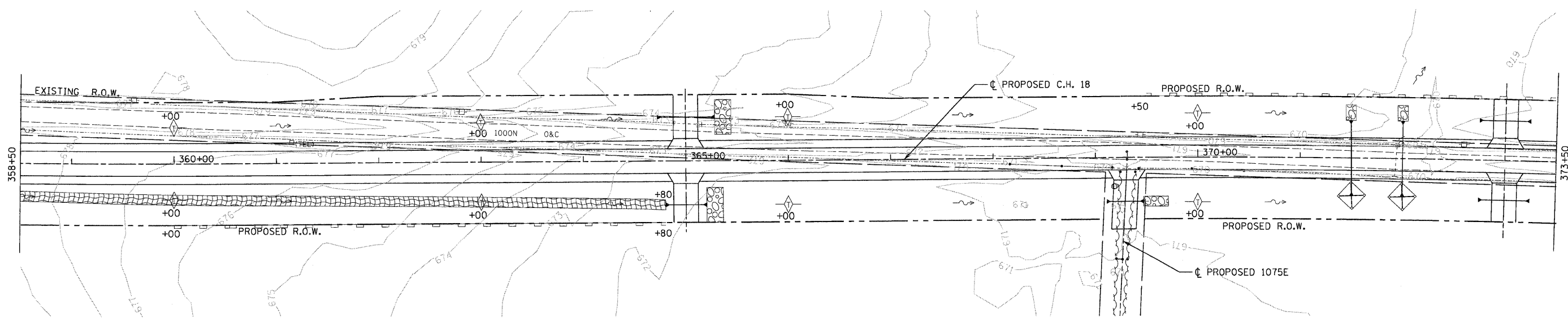
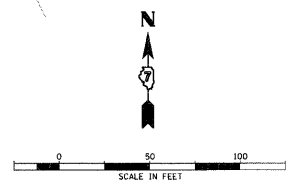
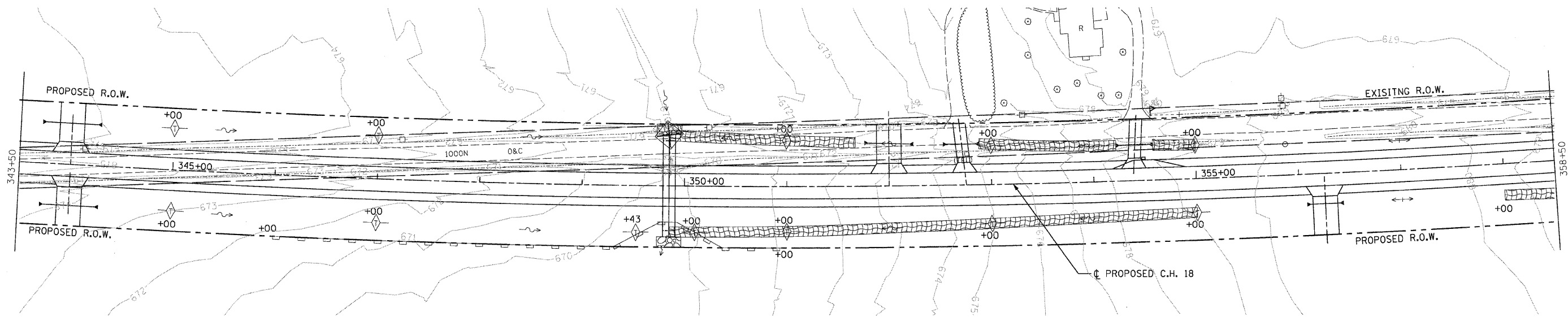
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. - 1"=50'
 DATE 03/30/2009
 DRAWN BY JAP
 CHECKED BY SKM



03/30/2009
 LAYOUT: BUB 03/19/03
 DRAWN: DWP/JAP 03/31/03
 REVIEWED: SKM 04/01/03
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	40
STA. 343+50.00		TO STA. 373+50.00		
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.

LEGEND

	EA.	L.F.	SQ.YD.
	0	0'	1,737
	0	1397'	0
	20	0'	0
	3	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 53 FOR EROSION CONTROL BLANKET DETAIL.

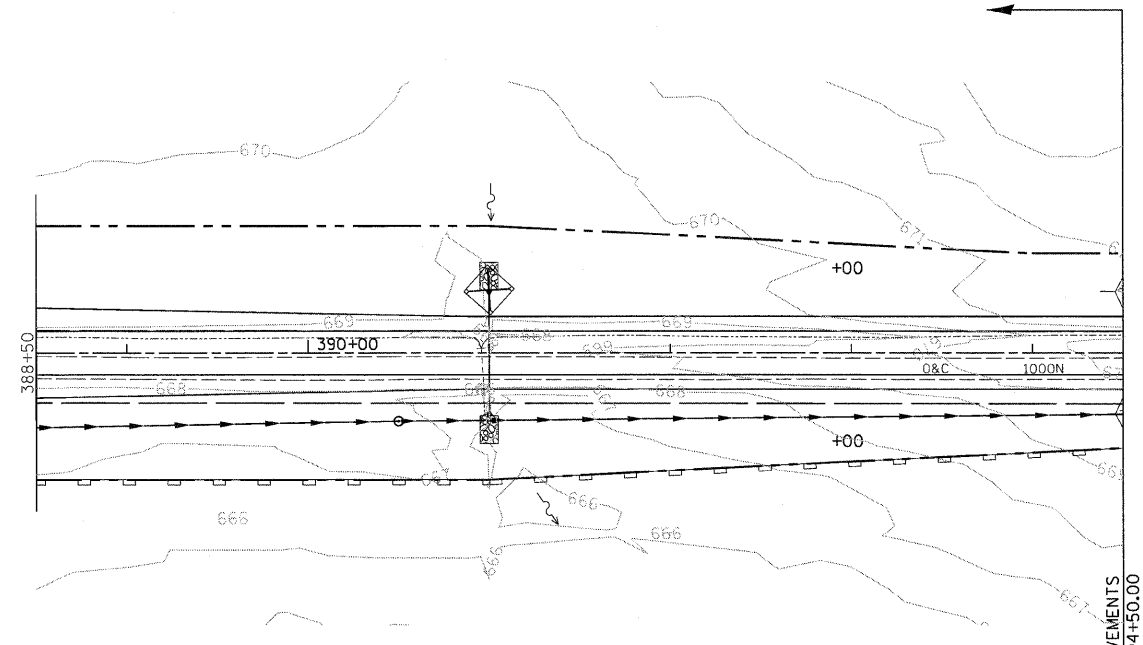
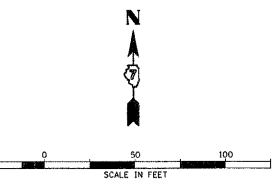
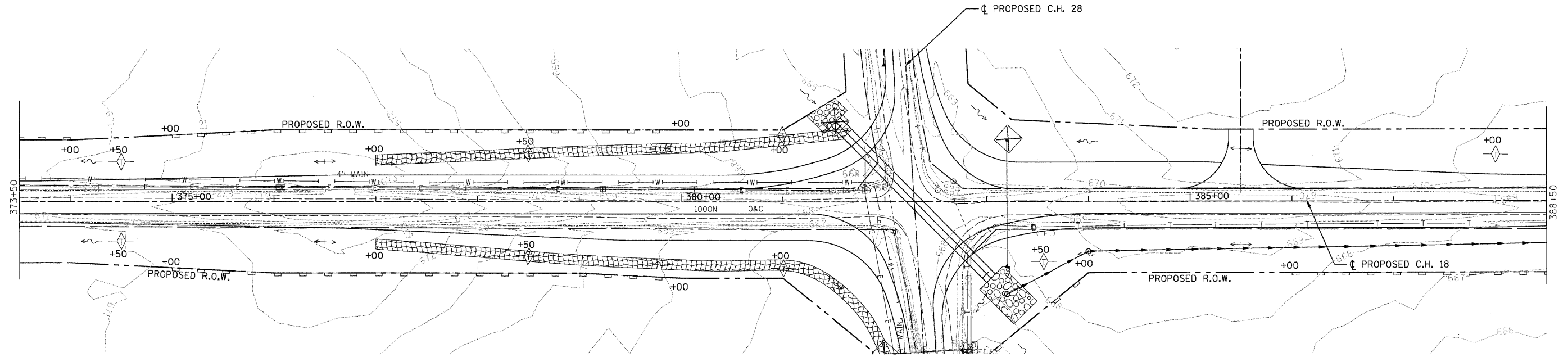
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 SCALE: HORIZ. - 1"=50'
 DATE 03/30/2009
 DRAWN BY JAP
 CHECKED BY SKM

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LAYOUT	SKM	03/30/2009
DRAWN	JAP	03/31/03
REVIEWED	SKM	04/01/03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	41
STA. 384+00.13		TO STA. 403+50.00		
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.

LEGEND

Symbol	Description	EA.	L.F.	SQ.YD.
	EROSION CONTROL BLANKET	0	0'	1,331
	PERIMETER EROSION BARRIER	0	1,851'	0
	DITCH CHECK TEMPORARY	10	0'	0
	INLET AND PIPE PROTECTION	3	0'	0
	DITCH FLOW			
	DITCH FLOW SUMMIT			

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 53 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

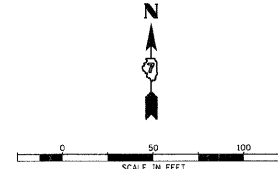
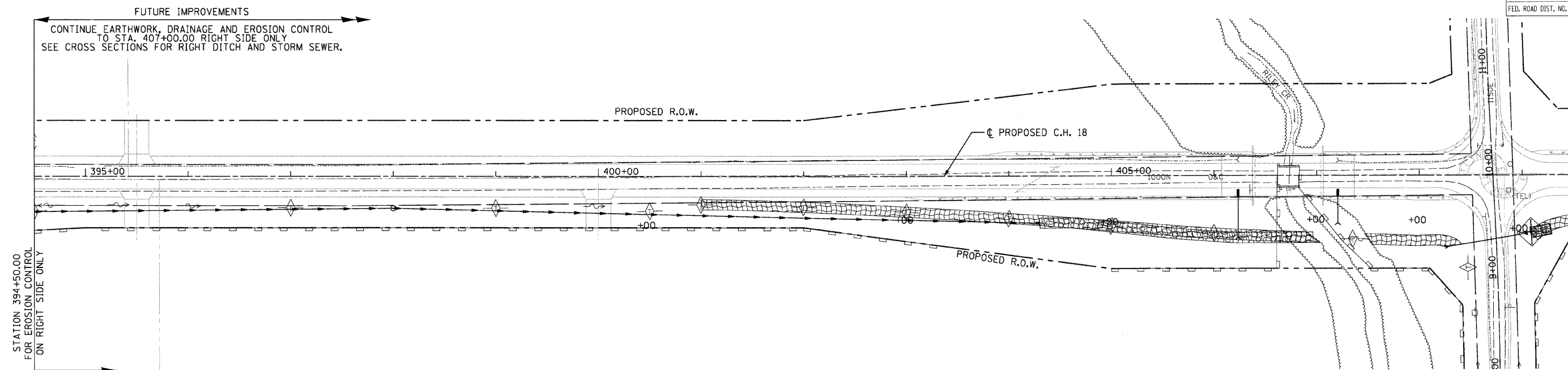
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 DATE 03/30/2009
 DRAWN BY JAP
 CHECKED BY SKM



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03/30/2009
 LAYOUT: BUR 03/19/03
 DRAWN: JAP 03/31/03
 REVIEWED: SKM 04/01/03
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	42
STA. 394+50.00		TO STA. 403+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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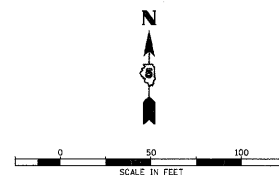


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LAYOUT	BAR	03/19/03
DRAWN	JAP	03/31/03
REVIEWED	SKM	04/01/03

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.



LEGEND

	EA.	L.F.	SQ.YD.
EROSION CONTROL BLANKET	0	0'	468
PERIMETER EROSION BARRIER	0	1,200'	0
DITCH CHECK TEMPORARY	8	0'	0
INLET AND PIPE PROTECTION	0	0'	0
DITCH FLOW			
DITCH FLOW SUMMIT			

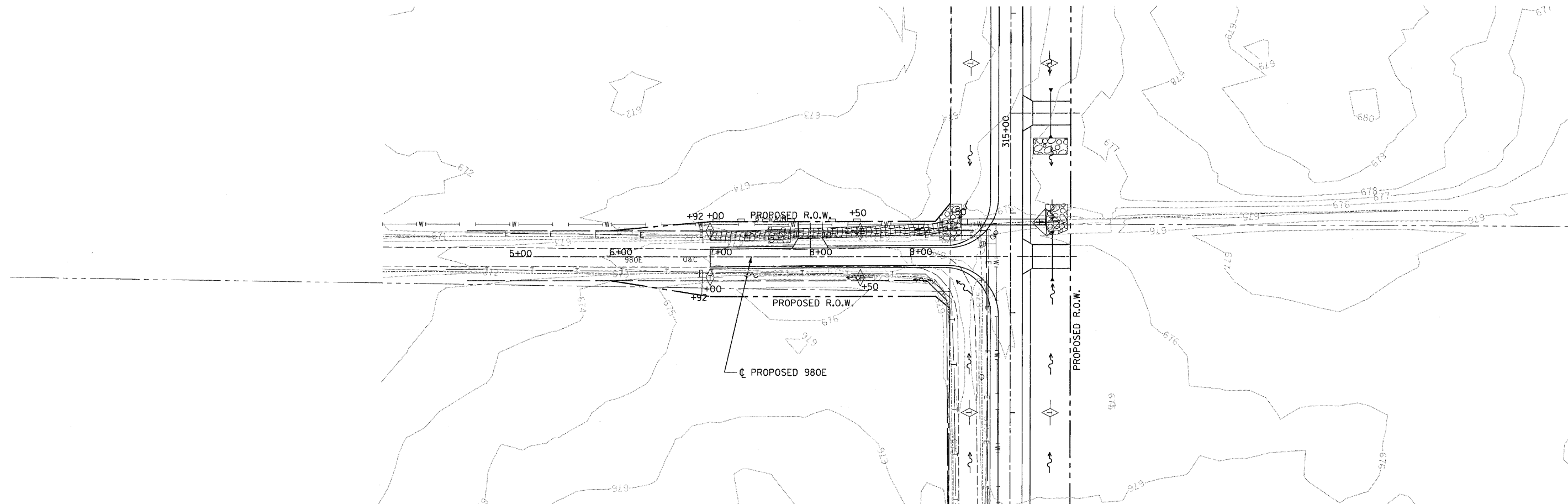
NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 53 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLAN
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. - 1"=50'
 DATE 03/30/2009
 DRAWN BY JAP
 CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	43
STA. 6+00.00		TO STA. 10+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

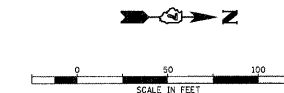


INTENDED SEQUENCE

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.

LEGEND

	EA.	L.F.	SQ.YD.
	0	0'	290
	0	246'	0
	4	0'	0
	0	0'	0



REVISIONS	
NAME	DATE

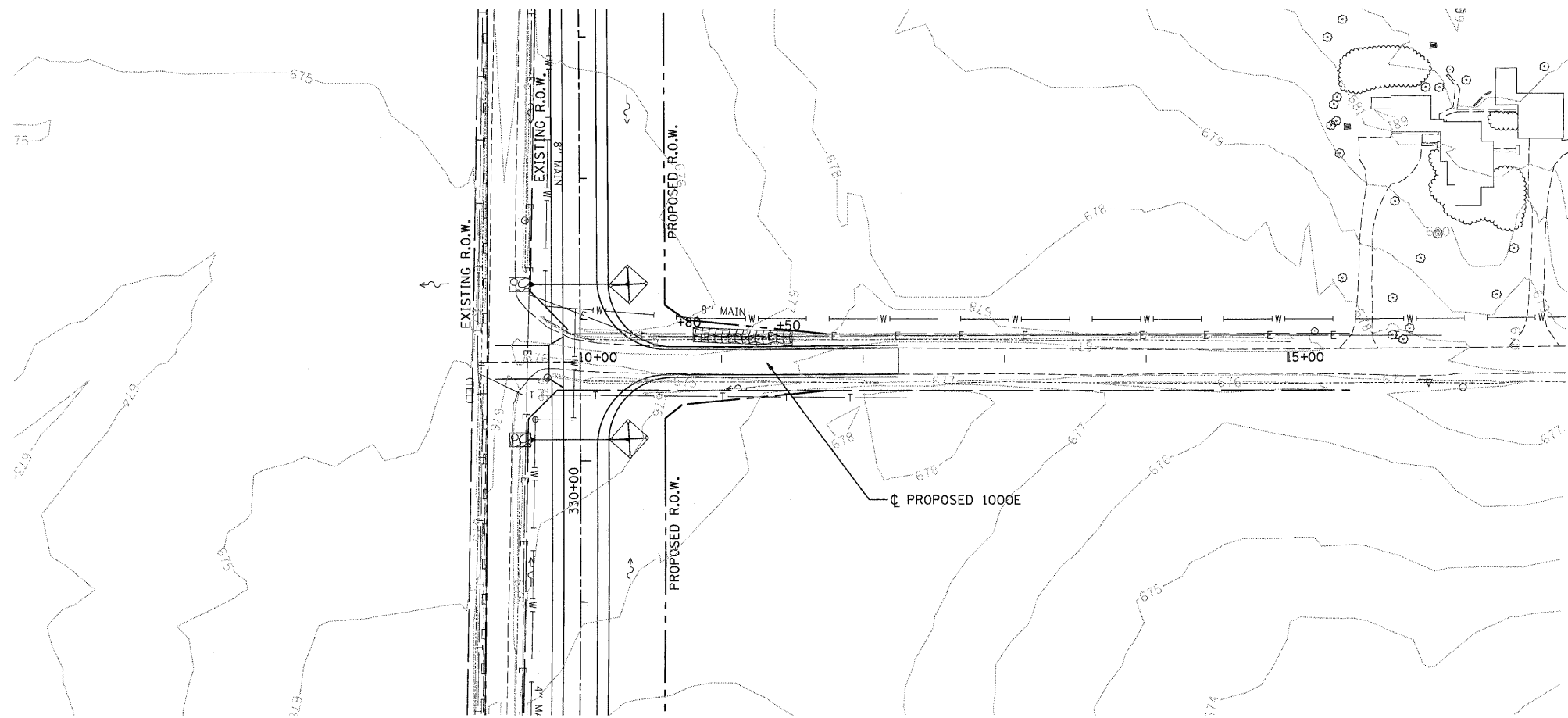
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 980E
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. 1"=50'
 DATE 03/30/2009
 DRAWN BY JAP
 CHECKED BY SKM

980E STA. 6+00.00 TO STA. 10+00.00

LAYOUT: BAR 03/19/03
 DRAWN: DIP/MP 03/31/03
 REVIEWED: SKM 04/01/03
 03/30/2009
 I:\97\pos\97s20280\CIVIL\Sheet\980E.R090.dgn

F.A.S. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	44
STA. 5+00.00		TO STA. 10+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

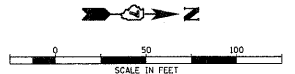


INTENDED SEQUENCE

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.

LEGEND

	EA.	L.F.	SQ.YD.
	0	0'	78
	0	0'	0
	0	0'	0
	0	0'	0



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 1000E
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. 1"=50'
 DATE 03/30/2009

DRAWN BY JAP
 CHECKED BY SKM

LAYOUT	BAR	03/19/03
DRAWN	D.P./JAP	03/31/03
REVIEWED	SKM	04/01/03

03/30/2009
 A:\97 Jobs\97 s2028B\Civil Sheet\C-1000E-ROB.dgn

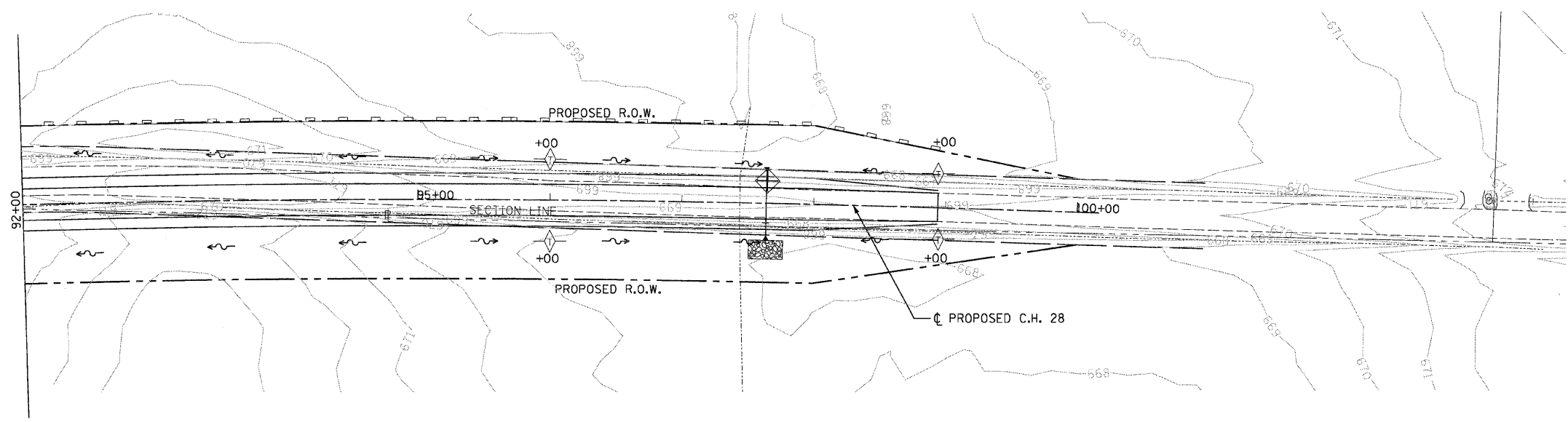
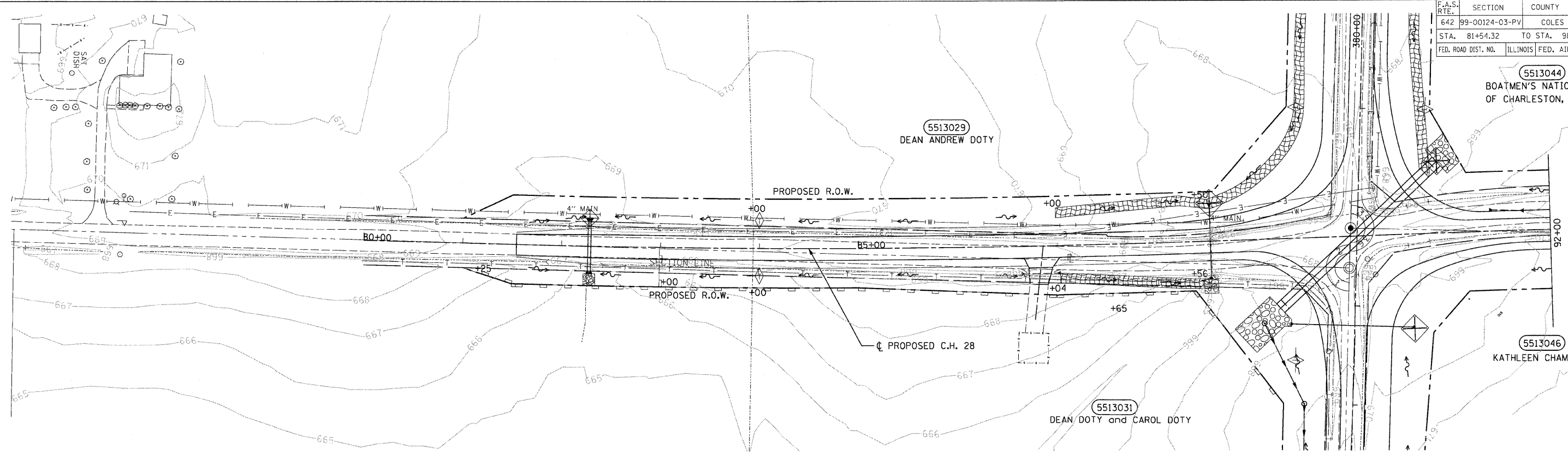
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642	99-00124-03-PV	COLES	97	45
STA. 81+54.32		TO STA. 98+94.04		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

(5513044)
BOATMEN'S NATIONAL BANK
OF CHARLESTON, TRUSTEE

(5513046)
KATHLEEN CHAMBERS

(5513031)
DEAN DOTY and CAROL DOTY

(5513029)
DEAN ANDREW DOTY



INTENDED SEQUENCE

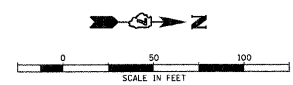
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2. CONSTRUCT EARTHWORK, INCLUDING DITCHES. (MAXIMUM 10 ACRES DISTURBED AT ONE TIME PRIOR TO SEEDING. SEE ART. 280).
3. PLACE AND MAINTAIN TEMPORARY AND PERMANENT EROSION CONTROLS AS WORK PROGRESSES, SEED EVERY 7 DAYS. SEE ART. 280.
4. FINAL SHAPE,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

LEGEND

	EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER
	DITCH CHECK TEMPORARY
	INLET AND PIPE PROTECTION
	DITCH FLOW
	DITCH FLOW SUMMIT

EA. L.F. SQ.YD.

0	0'	336
0	616'	0
6	0'	0
3	0'	0



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
C.H. 28
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS

SCALE: HORIZ. 1"=50'
DATE 03/30/2009
DRAWN BY JAP
CHECKED BY SKM



03/30/2009
 BJB 03/19/03
 DRAWN BJP/JAP 03/31/03
 REVIEWED SSM 04/01/03
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL

1. THE EROSION CONTROL PLANS ARE INCLUDED TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.
2. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION WORK ZONE AS SOON AS POSSIBLE TO STABILIZE EXPOSED SOILS AND PREVENT ON-SITE DAMAGE. THIS WORK MAY BE CONSTRUCTED OF HAY OR STRAW BALES, SILT FILTER FENCE, SEEDING, OR OTHER APPROPRIATE METHODS AND MATERIALS, SEPARATELY OR IN COMBINATION AS APPROVED BY THE RESIDENT ENGINEER.
3. EROSION CONTROL DEVICES SHALL BE IN PLACE AND APPROVED BY THE RESIDENT ENGINEER AS TO PROPER PLACEMENT AND INSTALLATION PRIOR TO BEGINNING OTHER WORK.
4. THE CONTRACTOR SHALL PLACE PERMANENT SEEDING WITHIN A REASONABLE AMOUNT OF TIME OR AS DIRECTED BY THE ENGINEER.
5. THE RESIDENT ENGINEER WILL DETERMINE WHEN TEMPORARY EROSION CONTROL SYSTEMS SHOWN ON THE PLAN MAY BE MOVED TO A DIFFERENT LOCATION OR DELETED.
6. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280-TEMPORARY EROSION CONTROL OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE RESIDENT ENGINEER AND AS SHOWN IN STANDARD 280001.
8. TEMPORARY EROSION CONTROL SYSTEMS ARE NOTED ON THE EROSION CONTROL PLAN SHEETS. THE PLAN MAY INCLUDE THE FOLLOWING:
 - TEMPORARY DITCH CHECKS
 - PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - EROSION CONTROL BLANKET
 - TEMPORARY EROSION CONTROL SEEDING
9. THE EROSION CONTROL PLANS INCLUDE WEEKLY INSPECTIONS TO BE COMPLETED BY THE CONTRACTOR AND RESIDENT ENGINEER.

PRIOR TO CONSTRUCTION

1. PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES RESULTING IN LAND DISTURBANCE, THE CONTRACTOR SHALL INSTALL ITEMS (IF SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER) INTENDED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. THE ITEMS MAY INCLUDE THE FOLLOWING TEMPORARY EROSION CONTROL SYSTEMS:
 - TEMPORARY DITCH CHECKS
 - INLET AND PIPE PROTECTION
 - PERIMETER EROSION BARRIER

DURING CONSTRUCTION

1. DURING CONSTRUCTION, THE CONTRACTOR SHALL:
 - CLEAN UP AND GRADE THE WORK AREA TO ELIMINATE CONCENTRATION OF RUNOFF.
 - INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - INSTALL INLET AND PIPE PROTECTION AT LOCATIONS SPECIFIED IN THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER FOR CULVERTS AND INLETS AS THEY ARE INSTALLED AND AS WORK PROCEEDS.
 - INSTALL PERIMETER EROSION BARRIER AT LOCATIONS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - COVER THE OPEN ENDS OF PIPES IN TRENCHES AT THE CLOSE OF EACH WORKING DAY.
 - PERFORM TEMPORARY EROSION CONTROL SEEDING AS SPECIFIED IN ARTICLE 280.04(f) OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS.
 - THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE RESIDENT ENGINEER TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT. THIS WORK SHALL INCLUDE REPAIR OF THE VARIOUS SYSTEMS, REMOVAL OF TRAPPED SEDIMENT AND CLEANING OF ANY SILT FILTER FABRIC AND HAY OR STRAW BALES.
 - IF THE CONTRACTOR FAILS TO MAINTAIN THE TEMPORARY EROSION CONTROL SYSTEMS AS DIRECTED BY THE RESIDENT ENGINEER, THE RESIDENT ENGINEER MAY AT THE EXPIRATION OF A PERIOD OF 48 HOURS, AFTER HAVING GIVEN THE CONTRACTOR WRITTEN NOTICE, PROCEED TO MAINTAIN THE SYSTEMS AS DEEMED NECESSARY, AND THE COST THEREOF WILL BE DEDUCTED FROM ANY COMPENSATION DUE, OR WHICH MAY BECOME DUE TO THE CONTRACTOR UNDER THIS CONTRACT.

PRIOR TO LANDSCAPING/RESTORATION

1. IMMEDIATELY PRIOR TO LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL:
 - REMOVE AND DISPOSE OF SILT RETAINED BY THE TEMPORARY DITCH CHECKS, REINSTALL THE TEMPORARY DITCH CHECKS AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED HAY OR STRAW BALES.
 - REMOVE AND DISPOSE OF SILT RETAINED BY THE PERIMETER EROSION BARRIER, REINSTALL THE PERIMETER EROSION BARRIER AFTER CLEANING, AND REMOVE AND REPLACE PLUGGED OR DAMAGED SILT FILTER FENCE.
- FOLLOWING LANDSCAPING/RESTORATION
 1. AFTER LANDSCAPING/RESTORATION WORK, THE CONTRACTOR SHALL MAINTAIN OR REPLACE (IF SPECIFIED BY THE RESIDENT ENGINEER) SEDIMENT CONTROL ITEMS. VEGETATION ESTABLISHED
 1. AFTER THE VEGETATION IS ESTABLISHED IN THE DISTURBED AREA, THE CONTRACTOR SHALL:
 - REMOVE THE REMAINING SEDIMENT CONTROL ITEMS AS DIRECTED BY THE RESIDENT ENGINEER.
 - RESTORE THE AREAS DISTURBED BY THE SEDIMENT CONTROL ITEMS BY PERMANENT SEEDING AND MULCHING.

TEMPORARY EROSION CONTROL NOTES



LAYOUT	BAB	03/19/03
DRAWN	D.P./AP	03/31/03
REVIEWED	SKM	04/01/03

03/30/2009
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

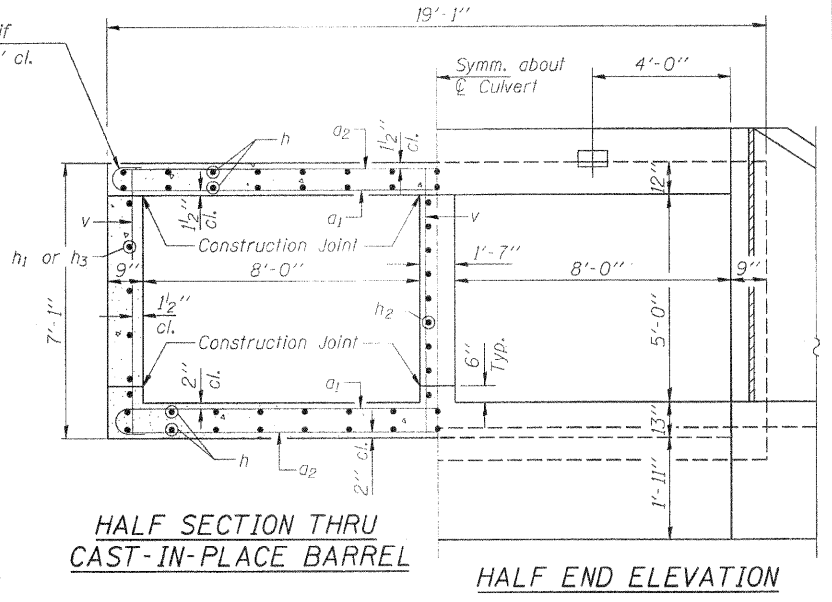
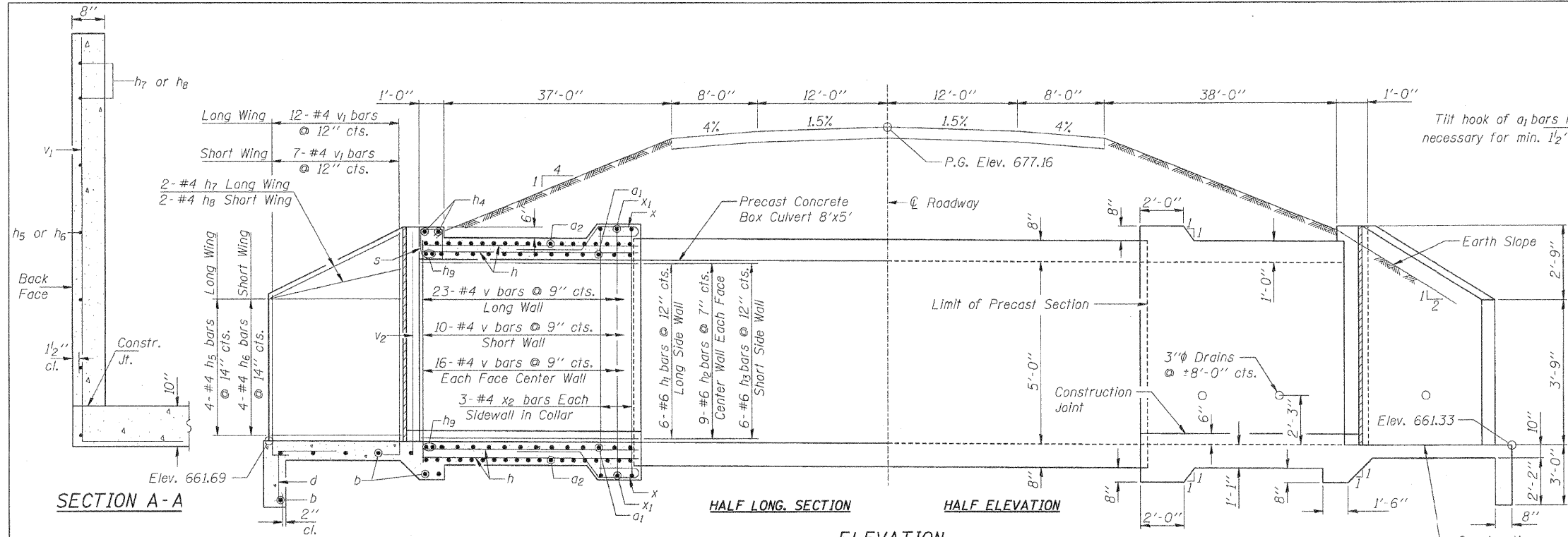
EROSION CONTROL PLAN
FAS 642
SEC NO. 99-00124-03-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DATE: 03/30/2009

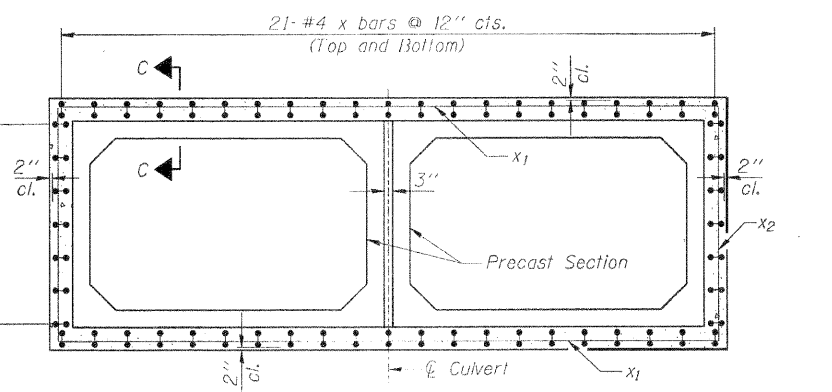
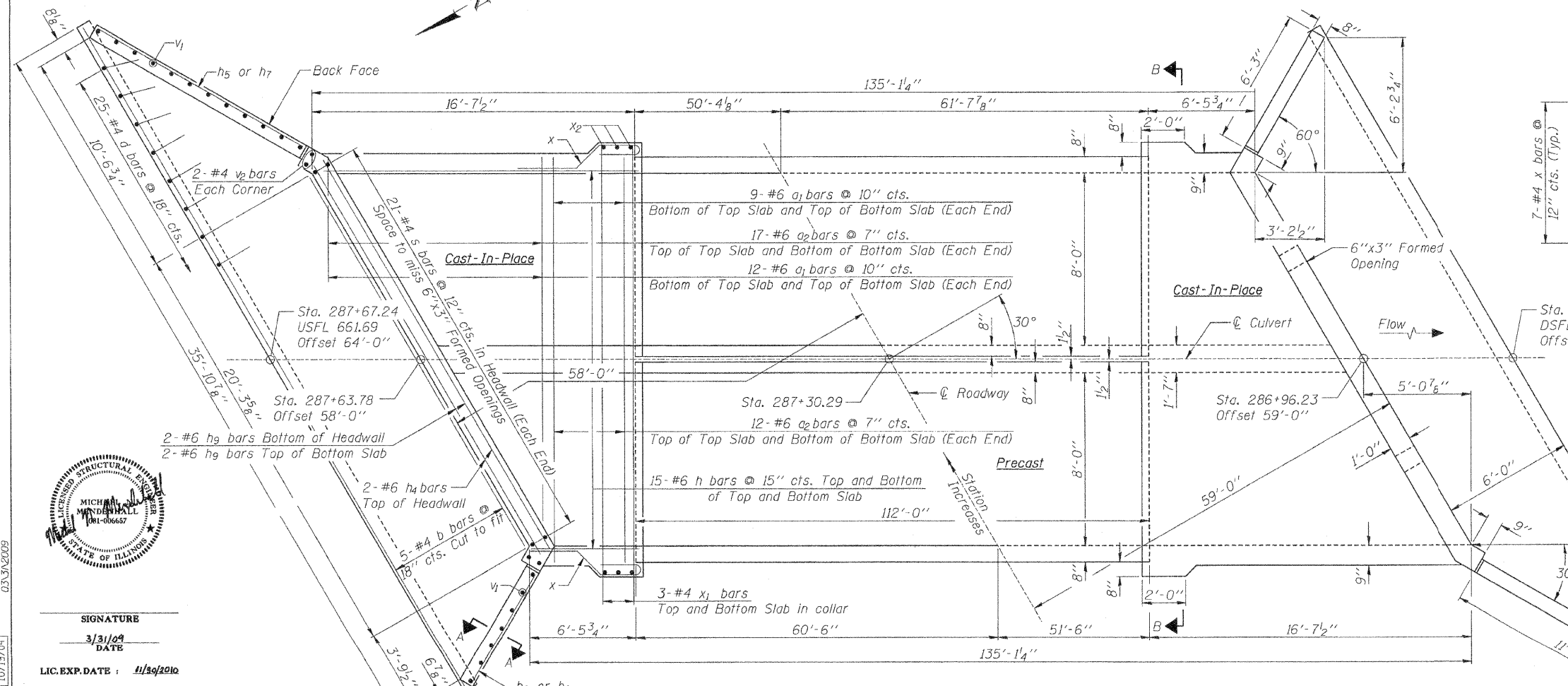
DRAWN BY: JAP
CHECKED BY: SKM

ROUTE NO.	SECTION	COUNTY	DATE	SHEET NO.	SHEET NO. 01
FAS 642	*	COLES	97	47	SHEETS 02
FED. HWS DIST. NO. 7	ILLINOIS	FED. NO. PROJECT			

99-00124-03-PV



ELEVATION
(Dimensions at Rt. C's to C Rdwy.)



SECTION B-B

DESIGN STRESSES
 FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (reinf.)
 PRECAST UNITS
 f'c = 5,000 psi
 fy = 65,000 psi (Welded Wire Fabric)
 LOADING HS20 44

Corporate License Number 184-001-084

DOUBLE BOX CULVERT
 FAS 642
 SECTION 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 STATION 287+30.29

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

LAYOUT	MMW	09/09/03
DRAWN	DAP	05/19/03
REVIEWED	JWM	10/19/04

SIGNATURE
 3/31/09
 DATE
 LIC. EXP. DATE: 11/19/2010



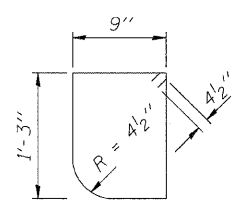
SHOWING REINFORCEMENT

SHOWING OUTLINES

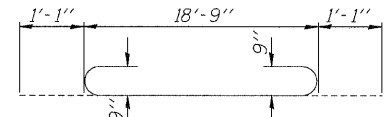
PLAN

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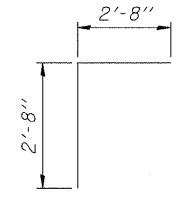
JOB# 97S2028B
 DATE 01/19/09



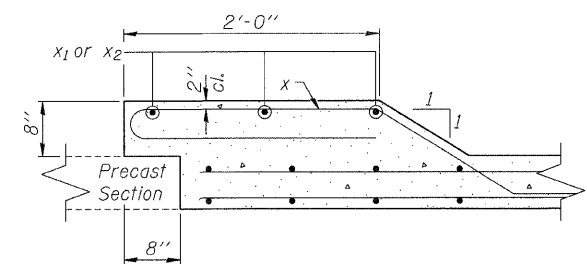
BAR s



BAR a1



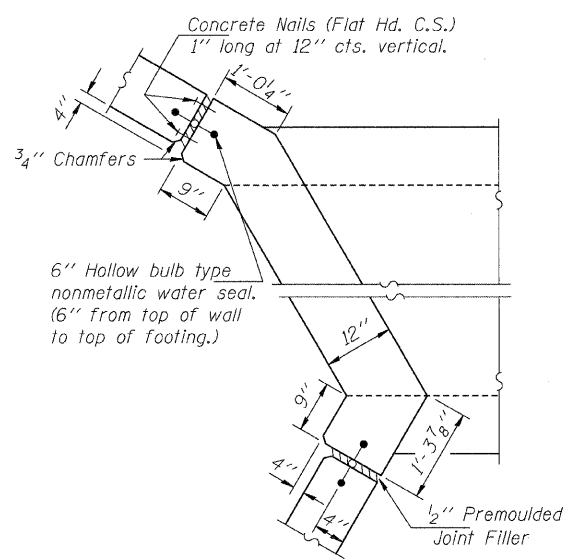
BAR d



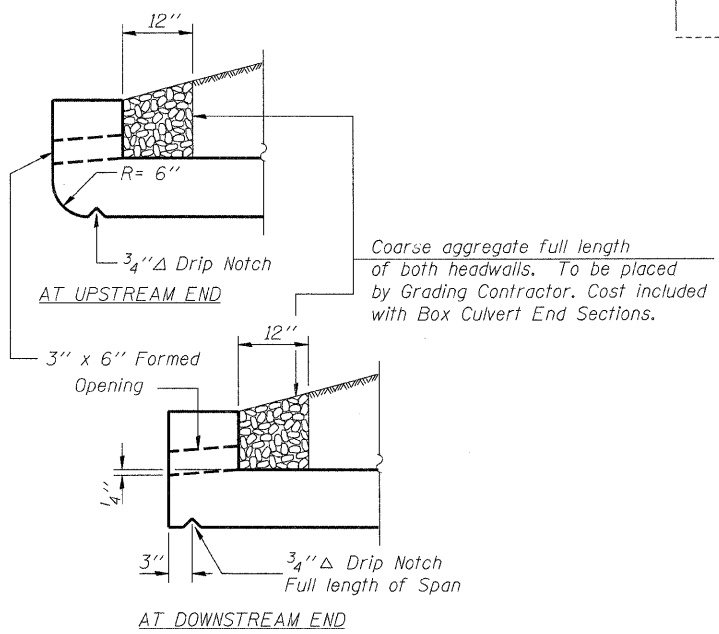
SECTION C-C

BILL OF MATERIAL

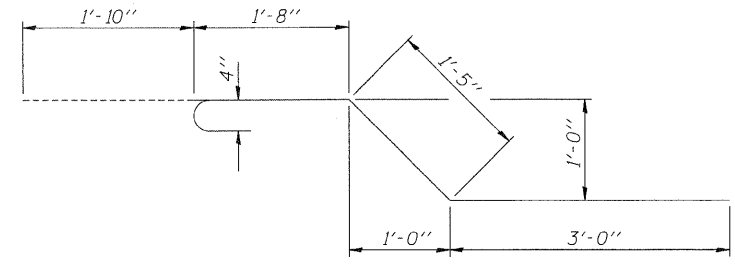
Bar	No.	Size	Length	Shape
a1	60	#6	20'-11"	
a2	82	#6	18'-10"	
b	16	#4	35'-6"	
d	50	#4	5'-4"	
h	60	#6	22'-5"	
h1	12	#6	16'-3"	
h2	36	#6	11'-2"	
h3	12	#6	6'-2"	
h4	4	#6	20'-3"	
h5	8	#4	11'-0"	
h6	8	#4	6'-0"	
h7	4	#4	11'-2"	
h8	4	#4	6'-4"	
h9	8	#6	21'-6"	
s	42	#4	4'-7"	
v	130	#4	6'-9"	
v1	19	#4	14'-7"	
v2	8	#4	7'-3"	
x	112	#4	7'-11"	
x1	12	#4	19'-11"	
x2	12	#4	7'-4"	
Box Culvert End Sections		Each	2	
Precast Concrete Box Culvert 8'x5'		Foot	224	



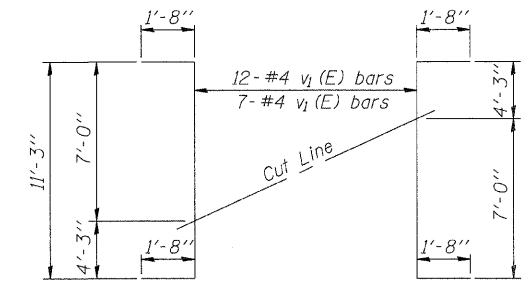
CORNER DETAIL



DRAIN DETAIL



BAR x



FIELD CUTTING DIAGRAM

Order v1 full length. Cut as shown and use remainder of bar in other wingwall with the same length.

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A-706 Gr. 60. See Special Provisions.
2. All construction joints shall be bonded.
3. Precast Concrete Box Culvert sections shall conform to the requirements of Article 540.06 of the Standard Specifications and the applicable requirements of AASHTO M 259.
4. Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.
5. a1 and a2 bars in skew portion of slab shall be ordered full length cut to fit. Balance of bar to be used in opposite end of culvert.
6. h bars in slab shall be ordered full length cut to fit. Balance of bar to be used in opposite end of culvert.
7. Reinforcement bars, concrete nails, 6 inch hollow bulb type nonmetallic water seal, and 1/2 inch pre-molded joint filler shall be included with the cost of Box Culvert End Sections.

Corporate License Number 184-001-084

DOUBLE BOX CULVERT DETAILS
FAS 642
SECTION 99-00124-03-PV
COLES COUNTY, ILLINOIS
STATION 287+30.29

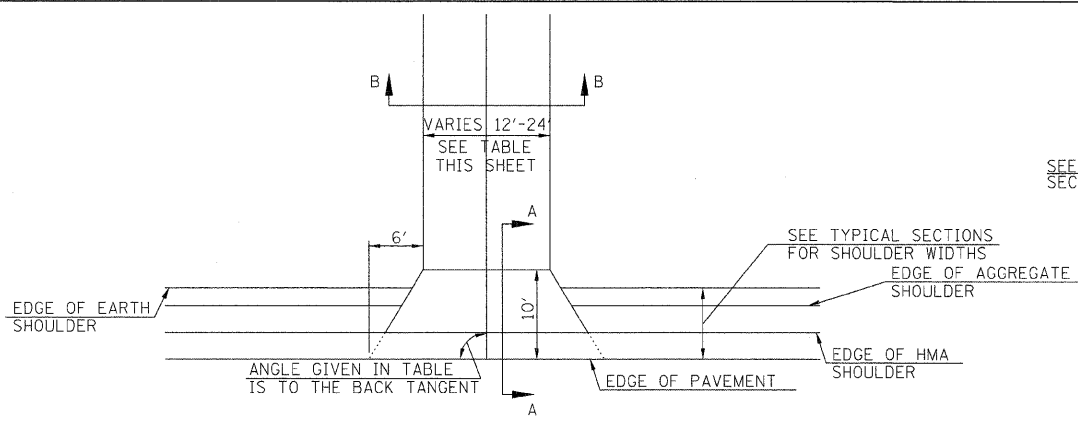
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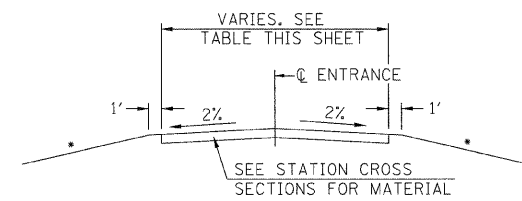
JOB#
97S2028B
DATE
01/19/09

LAYOUT: MNM 09/09/03
 DRAWN: DAP 09/19/03
 REVIEWED: JNM 10/19/04
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 03.30.2009

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	49
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

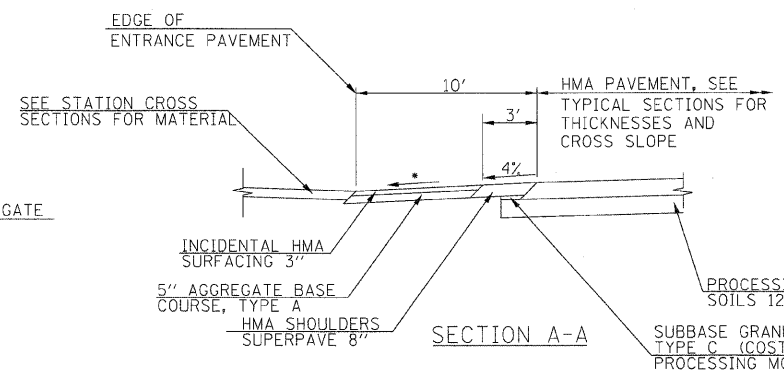


TYPICAL PRIVATE ENTRANCE DETAIL



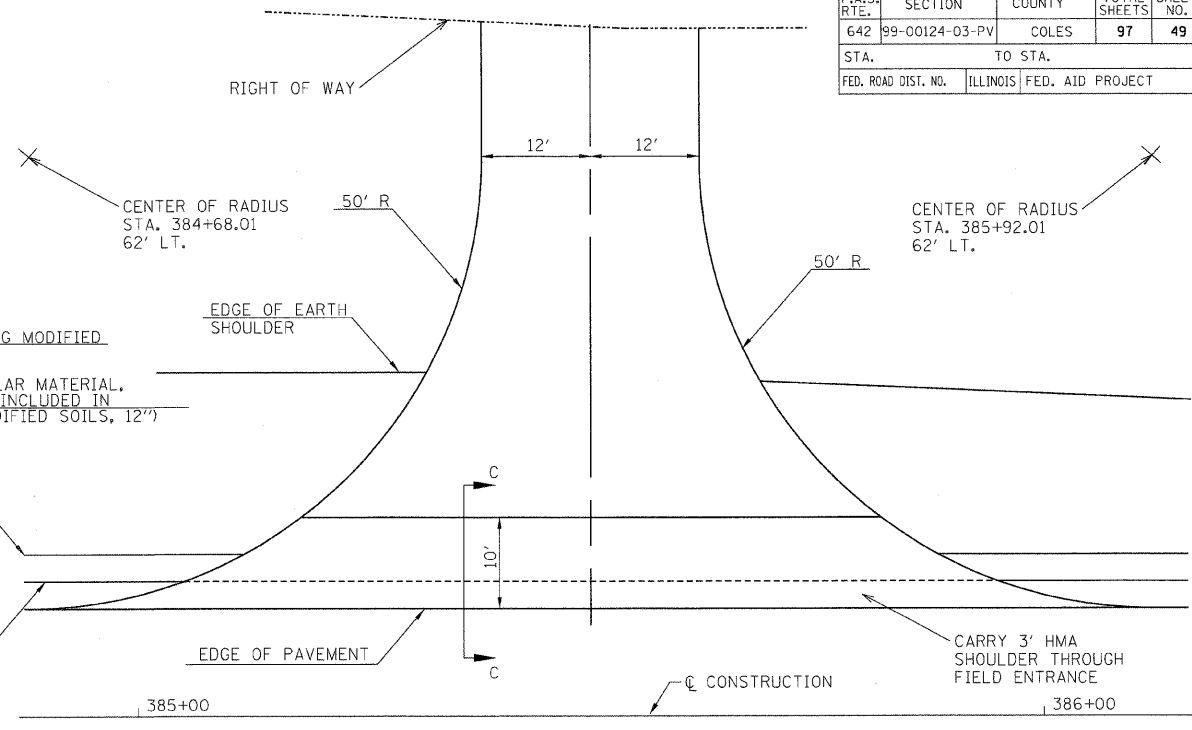
SECTION B-B

• 6:1 MIN. SLOPE TO MATCH EXISTING GROUND

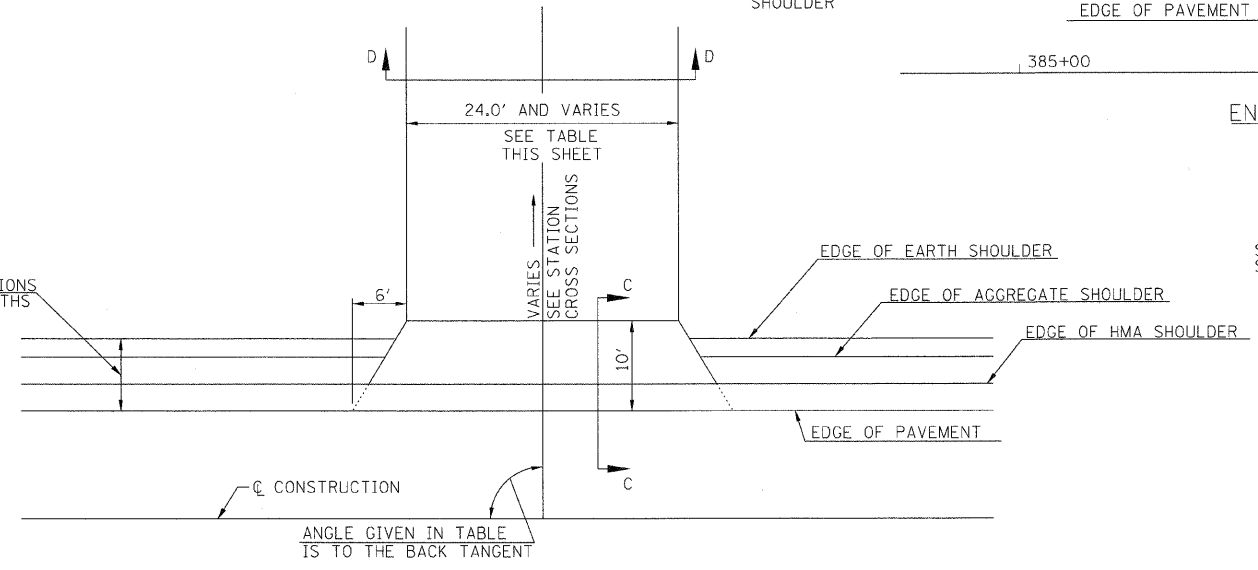


SECTION A-A

• 4% UNLESS OTHERWISE NOTED ON STATION CROSS SECTIONS

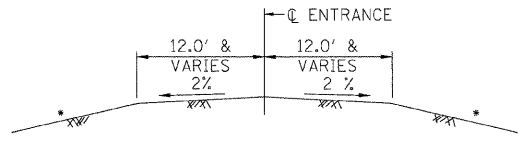


ENTRANCE DETAIL STA. 385+50.00 LT.



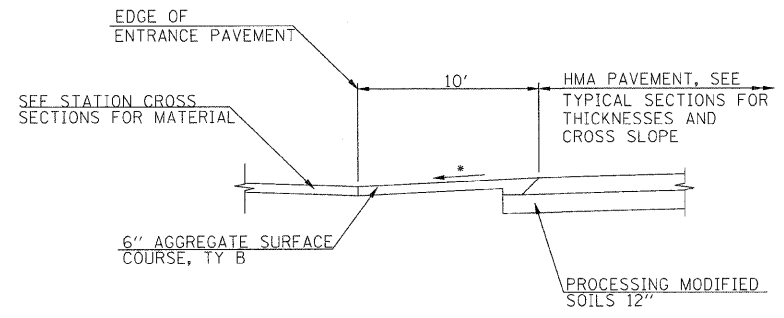
SECTION C-C FOR FIELD ENTRANCES ALONG C.H. 18

• 4% UNLESS OTHERWISE NOTED ON STATION CROSS SECTIONS



SECTION D-D

• 6:1 MIN. SLOPE TO MATCH EXISTING GROUND



SECTION C-C FOR FIELD ENTRANCES ALONG 980E AND C.H. 28

• 4% UNLESS OTHERWISE NOTED ON STATION CROSS SECTIONS

PRIVATE AND FIELD ENTRANCES				
LOCATION	ANGLE	WIDTH	COMMENT	P.E. / F.E.
289+58.18, LT	90°	48'		F.E.
290+43.07, RT	90°	48'		F.E.
315+00.00, LT	90°	24'		F.E.
316+43.35, LT	90°	24'	OPPOSITE 980E	F.E.
8+00.00, LT	90°	24'	ALONG 980E	F.E.
321+33.88, RT	90°	24'		F.E.
322+90.38, RT	89°	14'		P.E.
329+30.24, RT	90°	24'	OPPOSITE 1000E	F.E.
336+47.65, LT	90°	24'		F.E.
336+47.65, RT	90°	24'		F.E.
342+26.99, LT	90°	24'		F.E.
344+00.00, LT	90°	24'		F.E.
344+00.00, RT	90°	24'		F.E.
352+00.00, LT	90°	24'		F.E.
352+75.47, LT	83.9°	12'		P.E.
354+38.50, LT	93.9°	12'		P.E.
356+25.00, RT	90°	24'		F.E.
365+00.00, LT	90°	24'		F.E.
365+00.00, RT	90°	24'		F.E.
369+31.18, RT	86.9°	24'	1075E	F.E.
373+00.00, LT	90°	24'		F.E.
373+00.00, RT	90°	24'		F.E.
385+50.00, LT	90°	24'	SEE DETAIL THIS SHEET	F.E.
86+86.93, RT	82.9°	24'	ALONG C.H. 28	F.E.

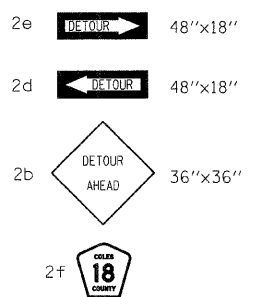
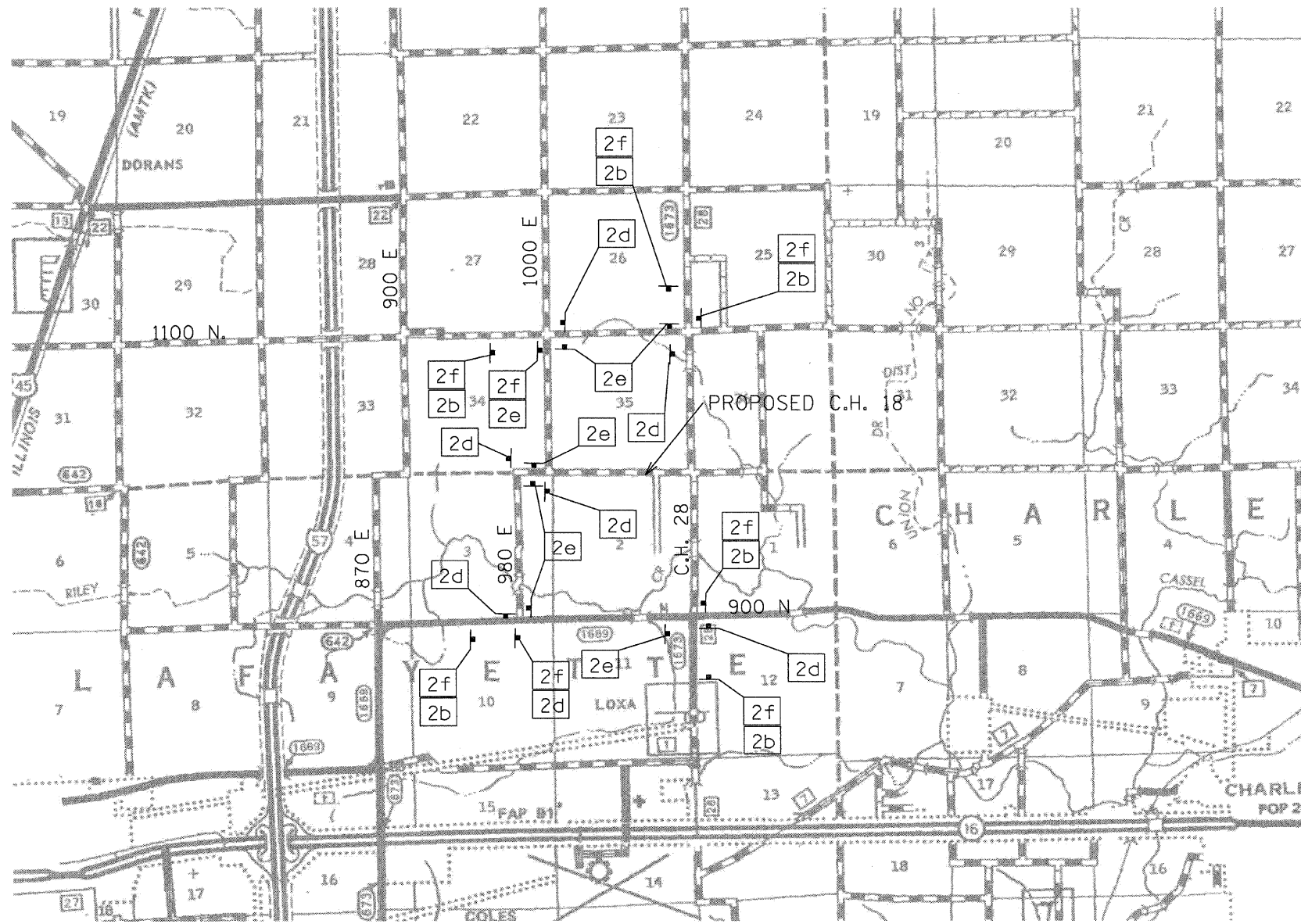
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ENTRANCE DETAILS
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE: 03/30/2009
 DRAWN BY: SKM
 CHECKED BY: DJP

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HANSON
 03/30/2009
 LAYOUT: DJP/SKM/03/28/03
 DRAWN: DJP
 REVIEWED: SKM
 1:57 jobs 51 52028000\MS\Sheet\c-517_d3enr.dgn

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	50
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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HANSON

03/30/2009
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETOUR PLAN FOR CLOSURE OF C.H. 28 FAS 642 SEC NO. 99-00124-03-PV COLES COUNTY, ILLINOIS SCALE: NOT TO SCALE DATE 03/30/2009
DRAWN BY RSJ		CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAIL OF PRECAST CONCRETE BOX CULVERT END SECTION

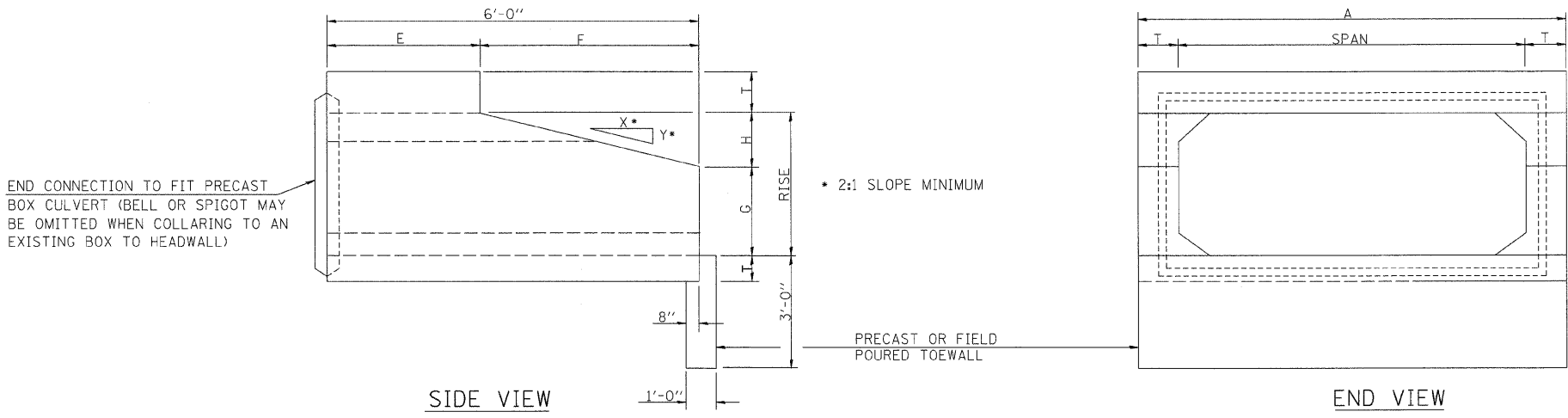
GENERAL NOTES

SHOP PLANS FOR THE REINFORCEMENT SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 504.04 (A) OF THE STANDARD SPECIFICATIONS.

MINIMUM CONCRETE STRENGTH SHALL BE 5000 PSI AFTER 28 DAYS.

THE JOINTS OF THE PRECAST BOX SECTIONS SHALL BE SEALED WITH MASTIC IN ACCORDANCE WITH ARTICLE 755.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE TERMS AS1, AS2, AS3 AND AS4 DENOTES THE REQUIRED STEEL AREAS FOR REINFORCEMENTS AS SPECIFIED IN ASTM C 789. REINFORCEMENT SHALL BE WELDED WIRE FABRIC CONFORMING TO ASTM SPECIFICATIONS A 185.

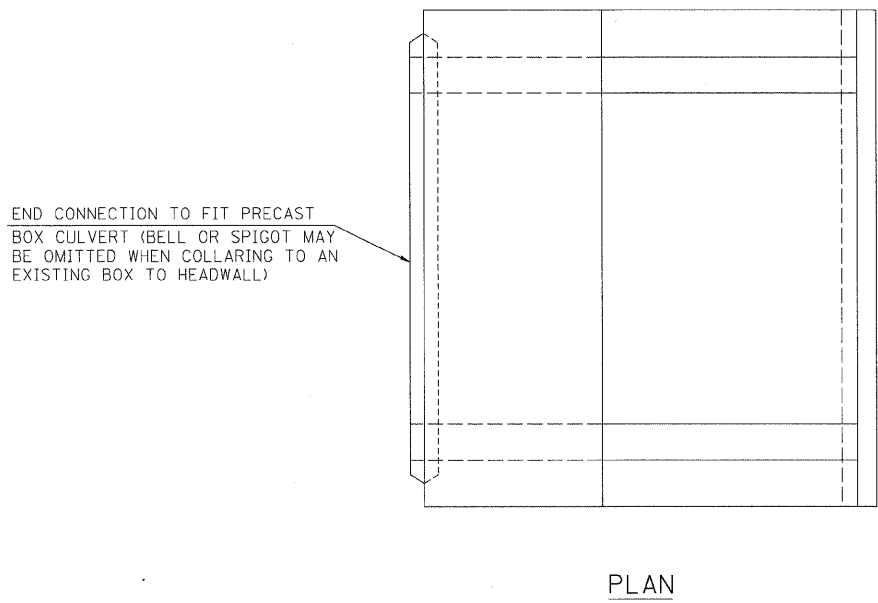


END CONNECTION TO FIT PRECAST BOX CULVERT (BELL OR SPIGOT MAY BE OMITTED WHEN COLLARING TO AN EXISTING BOX TO HEADWALL)

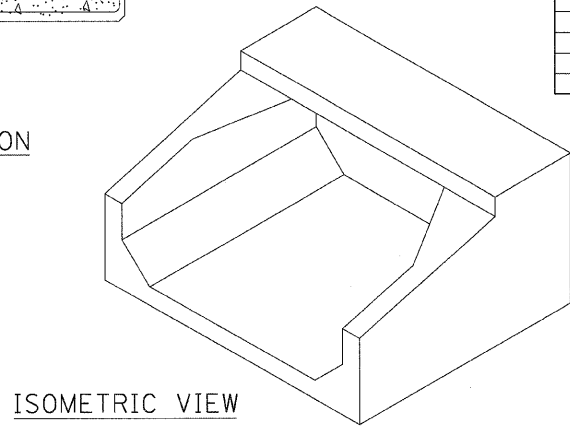
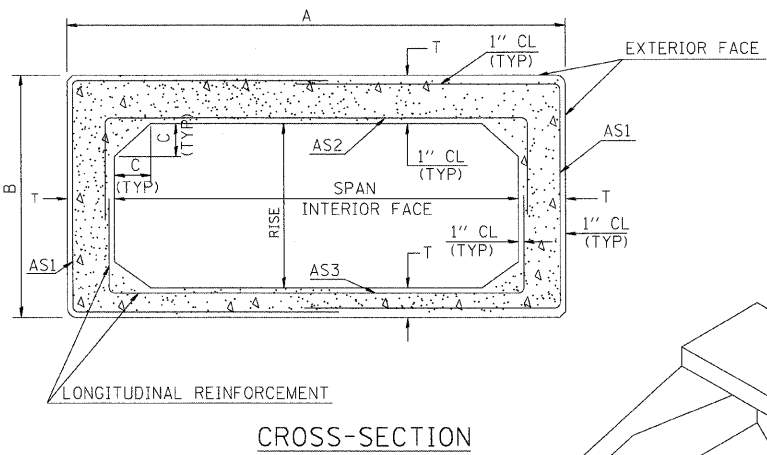
• 2:1 SLOPE MINIMUM

PRECAST OR FIELD POURED TOEWALL

• NOTE: THE DIMENSIONS INDICATED ARE FOR END SECTIONS THAT ARE TO BE USED WITH PRECAST BOX CULVERT SECTIONS DESIGNED FOR 2' OR MORE OF FILL. THE DIMENSIONS MUST BE MODIFIED FOR THE END SECTION TO BE COMPATIBLE WITH PRECAST CULVERT SECTIONS DESIGNED FOR LESS THAN 2' OF FILL.



END CONNECTION TO FIT PRECAST BOX CULVERT (BELL OR SPIGOT MAY BE OMITTED WHEN COLLARING TO AN EXISTING BOX TO HEADWALL)



SPAN X RISE	T (INCHES)	A (FT-IN)	B (FT-IN)	C (INCHES)	E (FT-IN)	F (FT-IN)	G (FT-IN)	H (FT-IN)	SLOPE (X:Y)
2' X 2'	4	2-8	2-8	4	3-0	3-0	1-0	1-0	3:1
3' X 2'	4	3-8	2-8	4	3-0	3-0	1-0	1-0	3:1
3' X 3'	4	3-8	3-8	4	2-0	4-0	1-8	1-4	3:1
4' X 2'	5	4-10	2-10	5	3-0	3-0	1-0	1-0	3:1
4' X 3'	5	4-10	3-10	5	2-0	4-0	1-8	1-4	3:1
4' X 4'	5	4-10	4-10	5	2-0	4-0	2-0	2-0	2:1
5' X 2'	6	6-0	3-0	6	3-0	3-0	1-0	1-0	3:1
5' X 3'	6	6-0	4-0	6	2-0	4-0	1-8	1-4	3:1
5' X 4'	6	6-0	5-0	6	2-0	4-0	2-0	2-0	2:1
5' X 5'	6	6-0	6-0	6					
6' X 2'	7	7-2	3-2	7	3-0	3-0	1-0	1-0	3:1
6' X 3'	7	7-2	4-2	7	2-0	4-0	1-8	1-4	3:1
6' X 4'	7	7-2	5-2	7	2-0	4-0	2-0	2-0	2:1
6' X 5'	7	7-2	6-2	7					
6' X 6'	7	7-2	7-2	7					
7' X 4'	8	8-4	5-4	8	2-0	4-0	2-0	2-0	2:1
7' X 5'	8	8-4	6-4	8					
7' X 6'	8	8-4	7-4	8					
7' X 7'	8	8-4	8-4	8					
8' X 4'	8	9-4	5-4	8	2-0	4-0	2-0	2-0	2:1
8' X 5'	8	9-4	6-4	8					
8' X 6'	8	9-4	7-4	8					
8' X 7'	8	9-4	8-4	8					
8' X 8'	8	9-4	9-4	8					
9' X 5'	9	10-6	6-6	9					
9' X 6'	9	10-6	7-6	9					
9' X 7'	9	10-6	8-6	9					
9' X 8'	9	10-6	9-6	9					
9' X 9'	9	10-6	10-6	9					
10' X 4'	10	11-8	5-8	10					
10' X 5'	10	11-8	6-8	10					
10' X 6'	10	11-8	7-8	10					
10' X 7'	10	11-8	8-8	10					
10' X 8'	10	11-8	9-8	10					
10' X 9'	10	11-8	10-8	10					
10' X 10'	10	11-8	11-8	10					
11' X 4'	11	12-10	5-10	11					
11' X 6'	11	12-10	7-10	11					
11 X 8'	11	12-10	9-10	11					
11' X 10'	11	12-10	11-10	11					
11' X 11'	11	12-10	12-10	11					
12' X 4'	12	14-0	6-0	12					
12' X 6'	12	14-0	8-0	12					
12' X 8'	12	14-0	10-0	12					
12' X 10'	12	14-0	12-0	12					
12' X 12'	12	14-0	14-0	12					

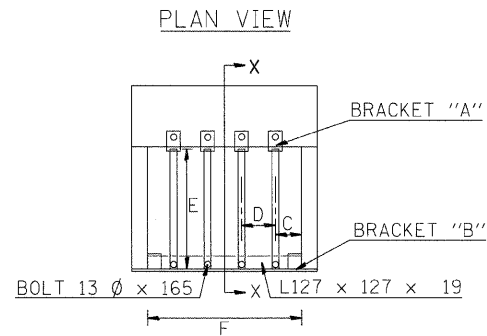


03/30/2009
 I:\97 Jobs\97-202280\Drawings\Sheet-C-506box.dgn
 LAYOUT JMW 12/26/03
 DRAWN DJP 12/26/03
 REVIEWED JMW 01/25/04

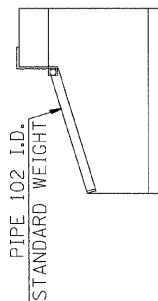
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PRECAST CONCRETE BOX CULVERT END SECTION DETAIL
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 SCALE: NOT TO SCALE
 DATE: 03/30/2009
 DRAWN BY: DJP
 CHECKED BY: JMW

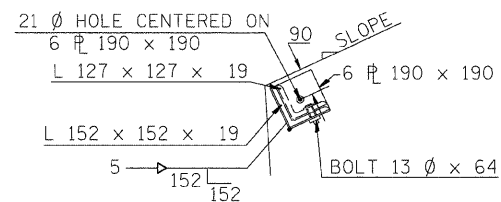
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	52
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



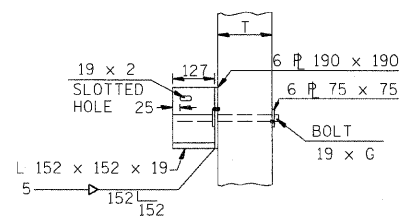
CROSS SECTION X-X



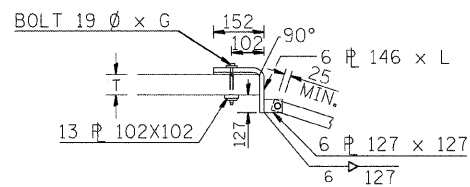
BOX CULVERT SPAN AND RISE	EXT. SPACE C(mm)	INT. SPACE D(mm)	SLOPE	NO. PIPES REQ'D	PIPE LENGTH E(m)	ANGLE LENGTH F(m)	BOLT LENGTH G (mm)	WEIGHT (kg.)	L (mm)	WALL THICK. T (mm)
0.9x0.9	450	N/A	3:1	1	1.14	0.86	140	68	380	102
1.2x0.9	380	450	3:1	2	1.14	1.17	165	103	405	127
1.2x1.2	380	450	2:1	2	1.22	1.17	165	106	405	127
1.5x0.9	300	450	3:1	3	1.14	1.47	190	138	430	152
1.5x1.2	300	450	2:1	3	1.22	1.47	190	142	430	152
1.5x1.5	300	450	2:1	3	1.22	1.47	190	142	430	152
1.8x0.9	450	450	3:1	3	1.14	1.78	215	150	460	178
1.8x1.2	450	450	2:1	3	1.22	1.78	215	153	460	178
1.8x1.5	450	450	2:1	3	1.22	1.78	215	153	460	178
2.1x0.9	380	450	3:1	4	1.14	2.08	240	185	485	203
2.1x1.2	380	450	2:1	4	1.22	2.08	240	190	485	203
2.1x1.5	380	450	2:1	4	1.22	2.08	240	190	485	203
2.4x0.9	300	450	3:1	5	1.14	2.39	240	221	485	203
2.4x1.2	300	450	2:1	5	1.22	2.39	240	227	485	203
2.4x1.5	300	450	2:1	5	1.22	2.39	240	227	485	203
2.7x0.9	450	450	3:1	5	1.14	2.69	265	232	510	229
2.7x1.2	450	450	2:1	5	1.22	2.69	265	239	510	229
2.7x1.5	450	450	2:1	5	1.22	2.69	265	239	510	229
3.0x1.2	380	450	2:1	6	1.22	3.00	290	276	535	254
3.0x1.5	380	450	2:1	6	1.22	3.00	290	276	535	254



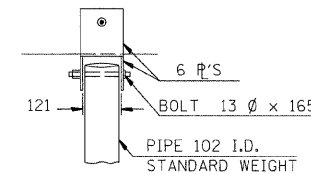
END VIEW OF BRACKET "B"



PLAN OF BRACKET "B"



ELEVATION OF BRACKET "A"



PLAN OF BRACKET "A"

GENERAL NOTES

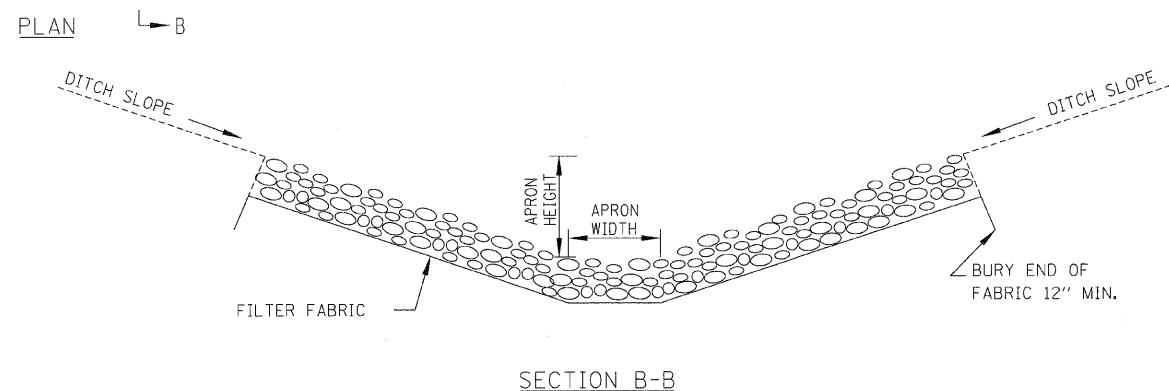
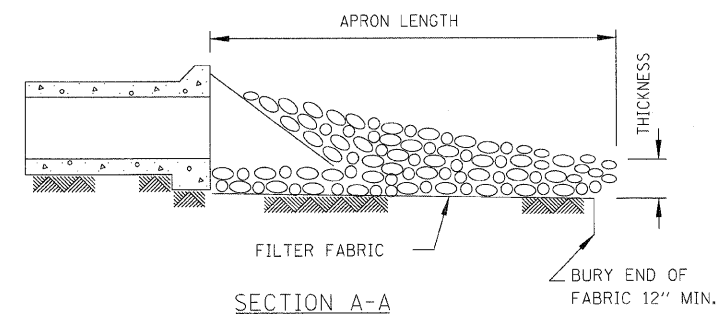
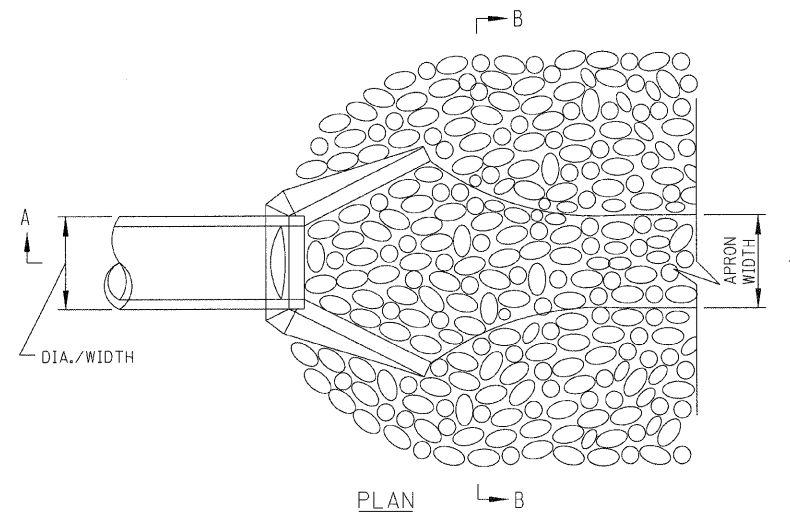
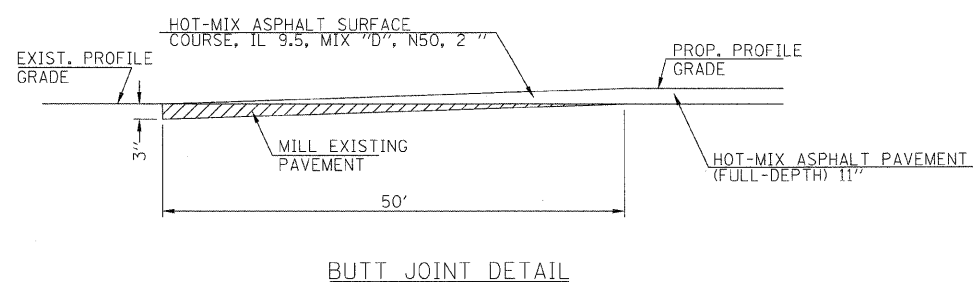
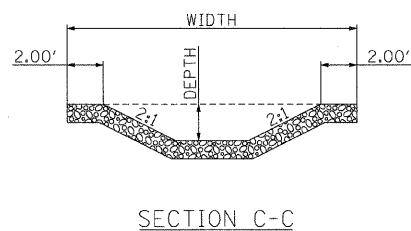
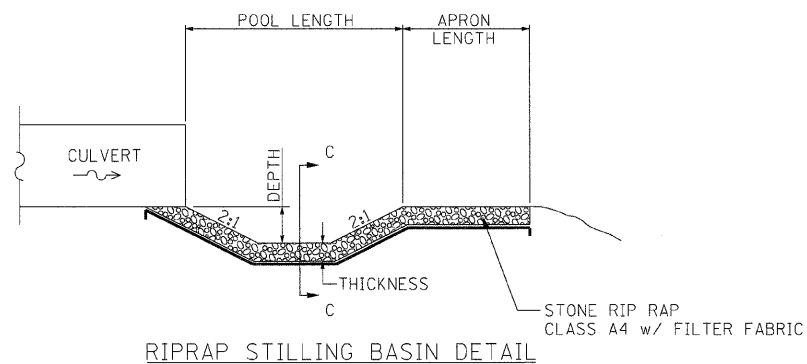
- BOLTS AND NUTS SHALL CONFORM TO A. S. T. M. A307, AND SHALL BE GALVANIZED IN ACCORDANCE WITH A. A. S. H. T. O. M232. ALL BOLTS SHALL HAVE WASHERS AT EACH END. HOLES SHALL BE 2 mm OVERSIZE UNLESS OTHERWISE NOTED EXCEPT IN CONCRETE WHICH SHALL BE 3 mm OVERSIZE.
- ANGLES AND STEEL PLATES SHALL CONFORM TO A. A. S. H. T. O. M183. STEEL PIPES SHALL CONFORM TO A. S. T. M. A53 GRADE B.
- STEEL PIPES, ANGLES AND PLATES SHALL BE GALVANIZED IN ACCORDANCE WITH A. A. S. H. T. O. M-111.
- THE APPROXIMATE WEIGHT OF STEEL IS LISTED ABOVE. THIS TOTAL INCLUDES PLATES, ANGLES AND PIPES. BOLTS, NUTS AND WASHERS ARE NOT INCLUDED.
- THE CONTRACTOR SHALL VERIFY THE PIPE LENGTHS AND HOLE LOCATIONS PRIOR TO CUTTING THE PIPES TO LENGTH OR DRILLING HOLES.
- GRATING FOR THE PRECAST END SECTION WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "GRATING FOR PRECAST CONCRETE BOX CULVERT END SECTION" OF THE SIZE SPECIFIED WHICH PRICE SHALL INCLUDE FABRICATION, GALVANIZING AND INSTALLATION OF THE GRATING AS DETAILED.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GRATING FOR PRECAST CONCRETE
 BOX CULVERT
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

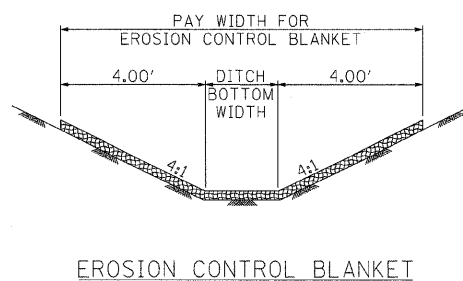
SCALE: NOT TO SCALE
 DATE: 03/30/2009
 DRAWN BY: DJP
 CHECKED BY: JWM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STATION	DEPTH	POOL LENGTH	APRON LENGTH	WIDTH	THICKNESS
	FEET	FEET	FEET	FEET	FEET
328+75	0.50	10.00	5.00	10.00	2.00
329+85	0.50	10.00	5.00	10.00	2.00
349+85 (US)	0.00	10.00	0.00	24.00	2.00
349+85 (DS)	0.50	10.00	0.00	24.00	2.00
371+50	0.50	10.00	5.00	10.00	2.00
372+00	0.50	10.00	5.00	10.00	2.00
382+30 (US)	0.00	30.00	N/A	32.00	2.00
382+30 (DS)	0.50	36.00	12.00	32.00	2.00
391+00 (US)	0.00	10.00	5.00	10.00	2.00
391+00 (DS)	0.50	10.00	5.00	10.00	2.00
82+28 (CH 28)	0.50	12.00	N/A	12.00	2.00

STATION	APRON LENGTH	APRON WIDTH	HEIGHT	GRADATION	THICKNESS
	FEET	FEET	FEET		INCHES
287+30 (US)	52	20	7	5	28
287+30 (DS)	52	20	7	5	28
290+43.07	16	2	4	3	15
312+39	16	2	4	3	15
315+00	16	2	4	3	15
316+09	22	4	4	4	24
316+43.35	16	2	4	3	15
365+00 LT	16	2	4	3	15
365+00 RT	16	2	4	3	15
369+31.18	24	2	2	4	24
8+00 (980E)	22	4	4	4	24
88+56 (CH28)	16	2	3	3	15
97+64 (CH28)	14	2	3	3	15



REVISIONS	
NAME	DATE

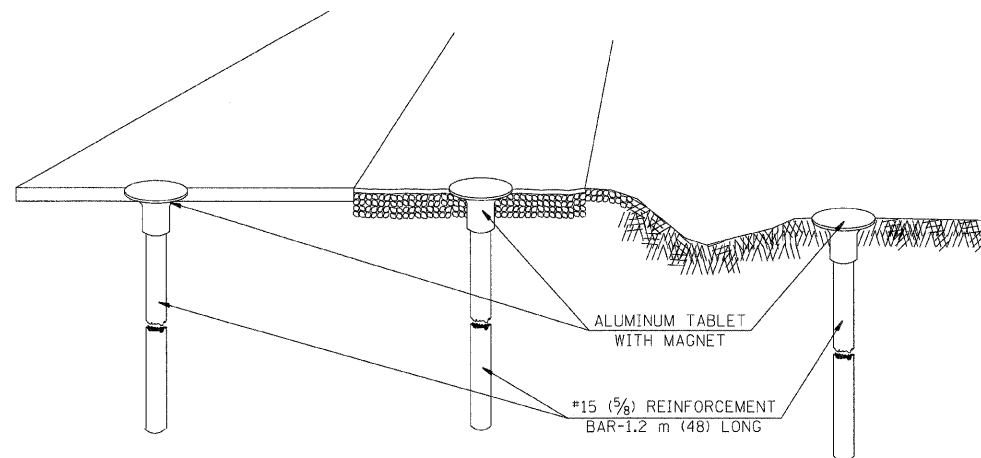
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MISCELLANEOUS DETAILS
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE: 03/31/2009
 DRAWN BY: DJP
 CHECKED BY: JWM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-03-PV	COLES	97	54
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SURVEY MARKER, TYPE 1 (SPECIAL)

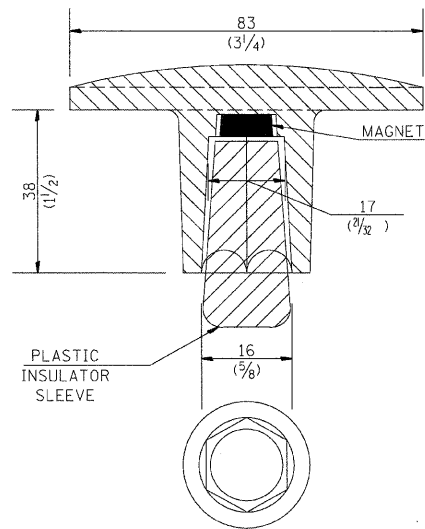
TO BE USED IN FLEXIBLE PAVEMENT AND SHOULDER, A-3 BITUMINOUS TREATED SURFACE OVER AGGREGATE BASE COURSE AND TURF AREAS WITHIN THE RIGHT-OF-WAY LIMITS FOR RESETTING EXISTING CENTERLINE CONTROL POINTS AND LAND SURVEY MONUMENTS



IN FLEXIBLE PAVEMENT OR SHOULDER

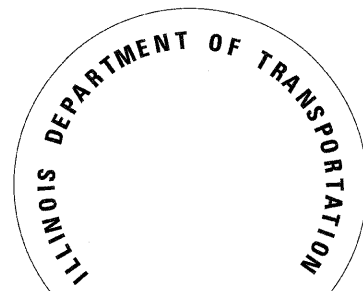
IN BITUMINOUS TREATED SURFACE

IN TURF AREAS WITHIN R.O.W.



PLASTIC INSULATOR SLEEVE

MAGNET



DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

- THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1, (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE SURVEY MARKER.
- ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ± 6 mm (1/4") BELOW THE FINAL SURFACE.
- WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

DESIGNED	AWH	8/17/91
CHECKED	PEK	8/17/91
CADD NO.	D-1.05	

REVISIONS	
NAME	DATE
G.A.M.	11-95
D.L.P.	10-96

GENERAL NOTES

- WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
- THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 100 mm (4") CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
- THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 100 mm (4") DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 (725.01) OF THE STANDARD SPECIFICATIONS.
- THE 100 mm (4") CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND ALL LABOR AND MATERIAL TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
- ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 6 mm (1/4") BELOW THE FINAL SURFACE.

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 83 mm (3/4") CONVEX SURVEY CAP FOR 15 mm (5/8") REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 0.8 mm (1/32") FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 38 mm (1 1/2") LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 193 MPa (28 KSI), ULTIMATE 221 MPa (32 KSI). ELONGATION 15% [IN 50 mm (2")]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

SPECIFICATION FOR REBAR

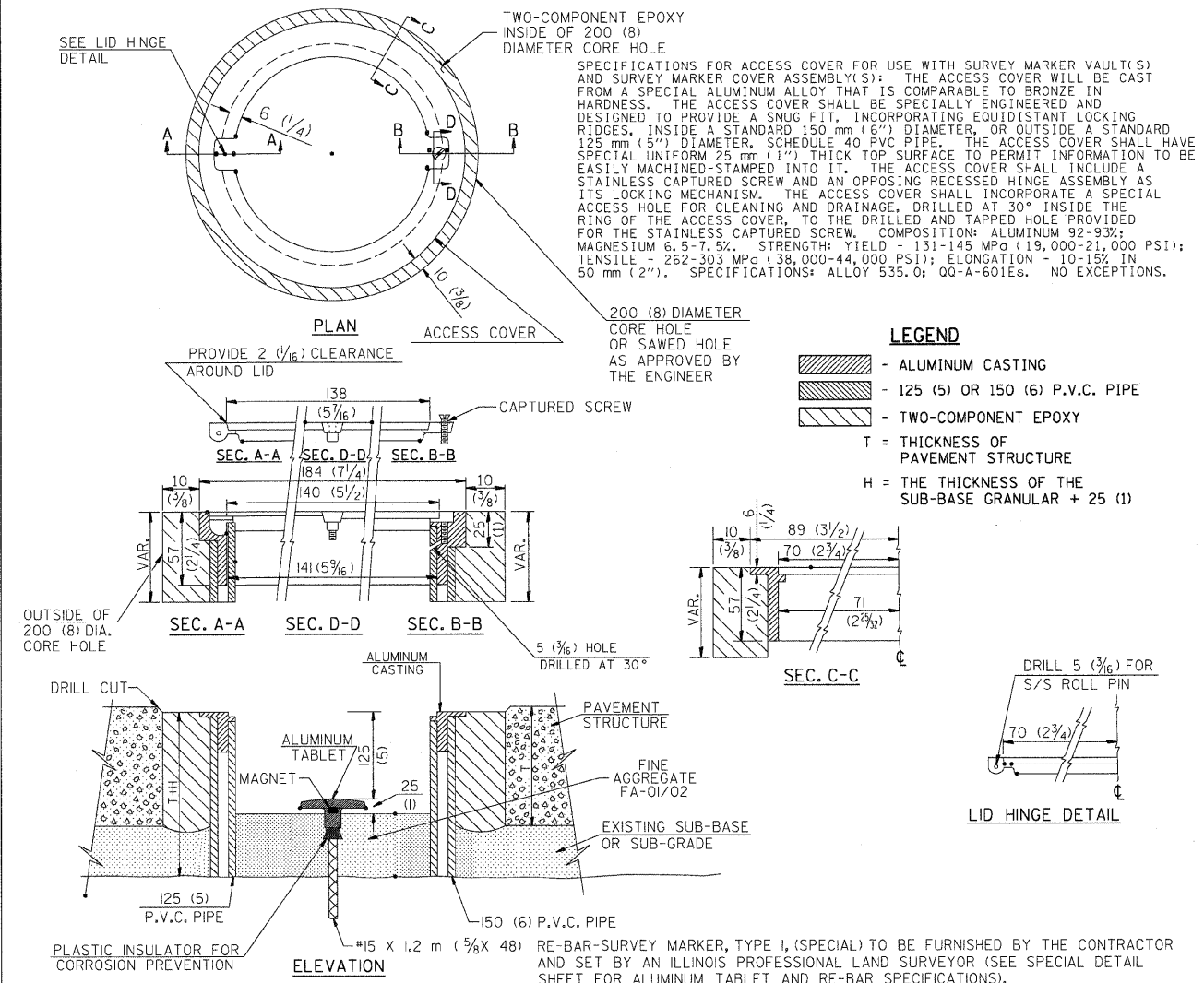
REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE #15 (5/8") X 1.2 m (48") (DEFORMED).

INSPECTION OF REINFORCEMENT BAR #15 (5/8") SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF HIGHWAYS, DIVISION OF HIGHWAYS.

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

DETAIL OF SURVEY MARKER VAULT

FOR RESET LAND SURVEY MONUMENTS IN RIGID AND COMPOSITE PAVEMENTS



LEGEND

- ALUMINUM CASTING
- 125 (5) OR 150 (6) P.V.C. PIPE
- TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 25 (1)

GENERAL NOTES

- ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 125 mm (5") P.V.C. PIPE OR INSIDE OF A 150 mm (6") P.V.C. PIPE.
- BACKFILL WITH FINE AGGREGATE-FA-01/02.
- WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF CLASS I HAS BEEN COMPLETED.
- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CASTING SHALL BE ANCHORED IN THE 200 mm (8") DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01(725.01) OF THE STANDARD SPECIFICATIONS.
- ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 6 mm (1/4") ± BELOW THE FINAL SURFACE.
- THE 200 mm (8") DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 125 mm OR 150 mm (5" OR 6") P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 2135. #15 X 1.2 m (5/8" X 48") RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SURVEY MARKER DETAILS
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

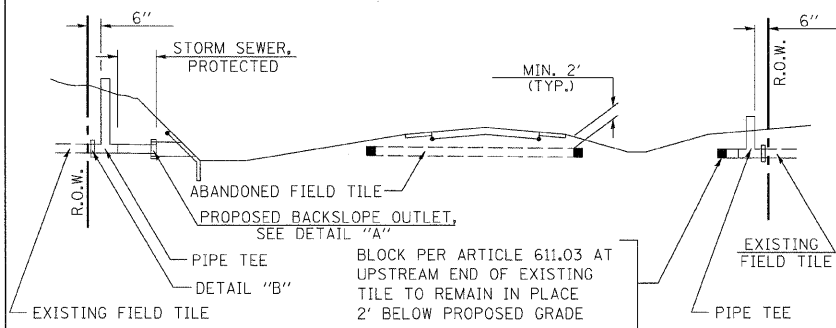
SCALE: NOT TO SCALE
 DATE: 03/30/2009
 DRAWN BY: DJP
 CHECKED BY: SKM

DETAIL FOR TREATMENT OF EXISTING FIELD TILE SYSTEMS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	97	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

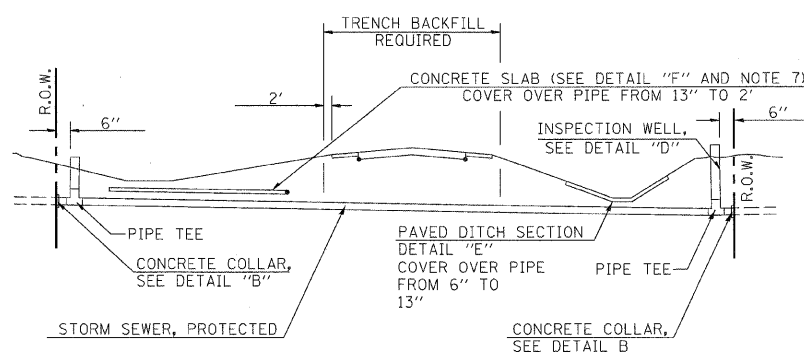
GENERAL NOTES :

1. LOCATION OF THE EXPLORATION TRENCH 52" DEPTH SHALL BE INSIDE THE PROPOSED NORTH OR WEST RIGHT OF WAY LINE EXCEPT WHEN AN EXISTING RIGHT OF WAY LINE IS FURTHER NORTH OR WEST. IN WHICH CASE, THE EXPLORATION TRENCH SHALL BE INSIDE THE EXISTING NORTH OR WEST RIGHT OF WAY LINE, OR AS DIRECTED BY THE ENGINEER.
2. EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
3. ALL FIELD TILE THAT CROSSES THE PROPOSED ROADWAY SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B" AND AT THE DIRECTION OF THE ENGINEER.
4. INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
5. 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.
6. NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, PROTECTED AT 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.
7. THE 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 2' OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
8. ALL MISCELLANEOUS SLABS, APRONS, AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401. THE WELDED WIRE FABRIC SHALL BE INCLUDED IN THE COST FOR PAVED DITCH (SPECIAL) OR MISCELLANEOUS CONCRETE.
9. HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10". SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
10. THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" CAST IRON PROVIDED WITH A 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.
11. SEE SECTION 611 OF THE STANDARD SPECIFICATIONS FOR WHEN TO USE FIELD TILE JUNCTION VAULTS. FIELD TILE JUNCTION VAULTS SHALL BE CONSTRUCTED ACCORDING TO THE DETAILS SHOWN ON THIS SHEET AND THE APPLICABLE PORTIONS OF SECTION 602. THE DEPTH OF THE JUNCTION VAULT SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER. STORM SEWER SPECIAL PIPE SHOULD BE LAID ON A MINIMUM GRADE OF 1%. EXCAVATION, BEDDING AND BACKFILL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR FIELD TILE JUNCTION VAULTS, 2' DIA.



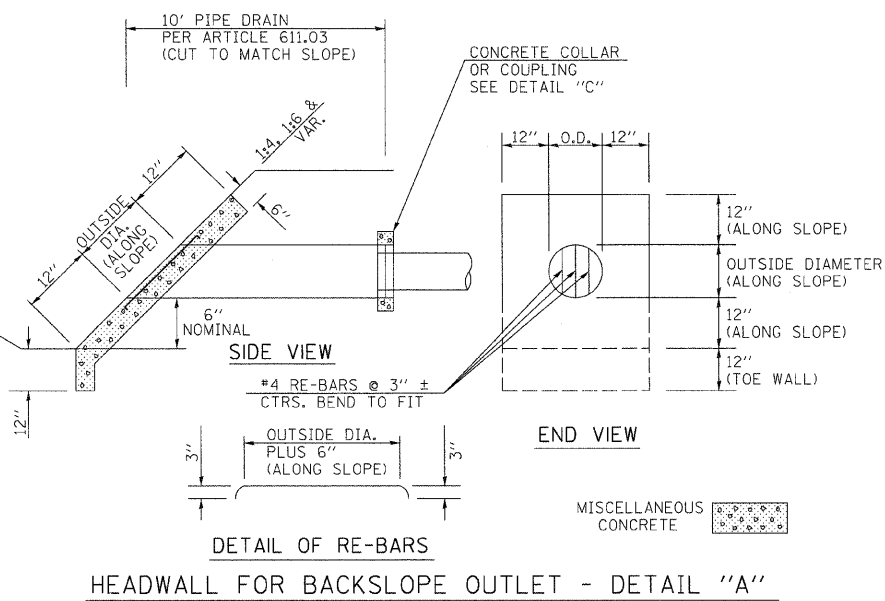
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



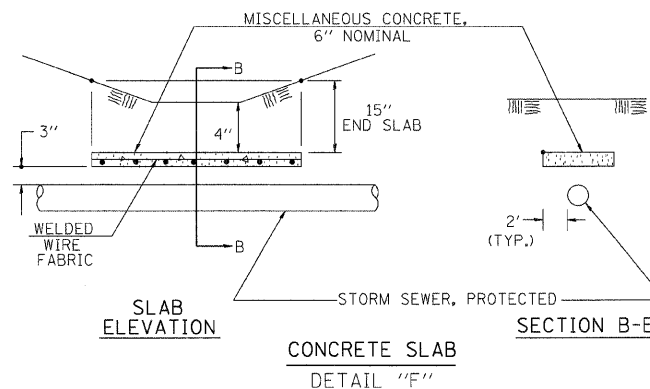
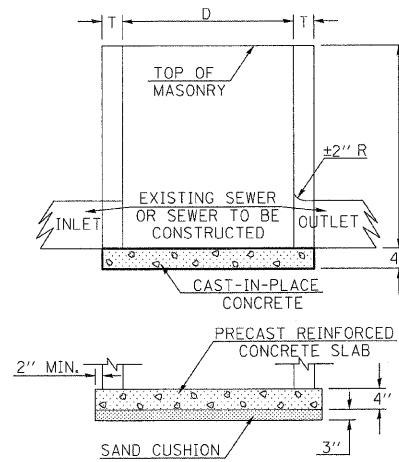
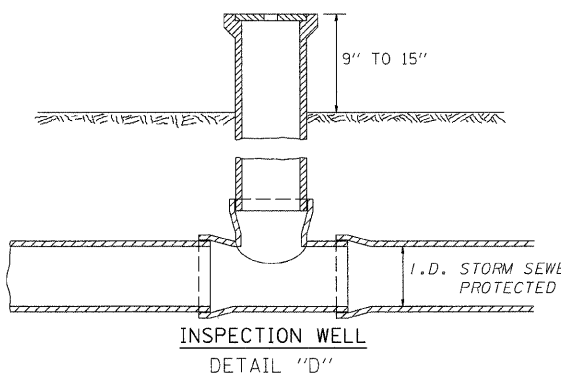
METHOD 'B' (2 LANE)

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

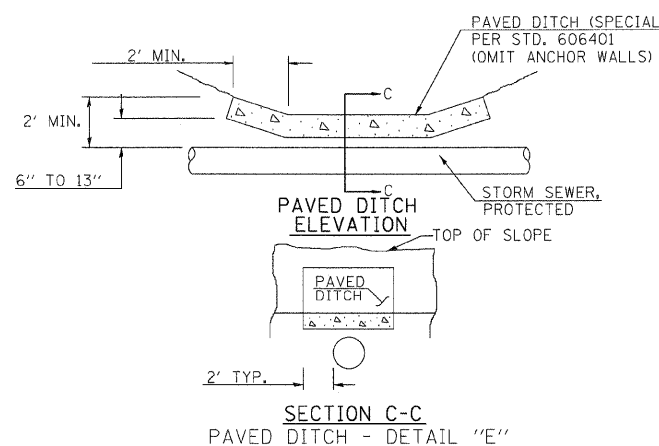


DETAIL OF RE-BARS

HEADWALL FOR BACKSLOPE OUTLET - DETAIL "A"



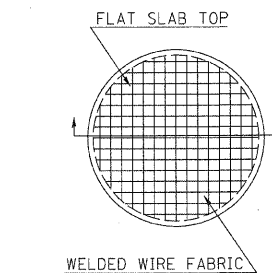
CONCRETE SLAB DETAIL "E"



SECTION C-C

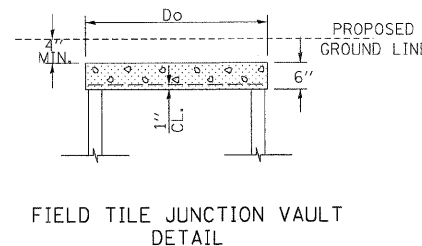
PAVED DITCH - DETAIL "E"

ALTERNATE BOTTOM SLAB



D	Do (MIN.)	REINFORCEMENT "AS" W.W.F. EACH DIRECTION
2'	D _{SL}	.20 IN. 2/FT.
3'		.20 IN. 2/FT.

ALTERNATE MATERIALS FOR WALLS	T (MIN.)
PRECAST REINFORCED CONCRETE SECTION	3"
CONCRETE MASONRY UNIT	5"
CAST IN PLACE CONCRETE	6"
BRICK MASONRY	8"



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FIELD TILE DETAIL
 FAS 642
 SEC NO. 99-00124-03-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE: 03/30/2009
 DRAWN BY: DAP/SKM
 CHECKED BY: JWM



03/30/2009
 DP/JM 12/26/03
 DRAWN O.P. 12/26/03
 REVIEWED J.M. 01/05/04

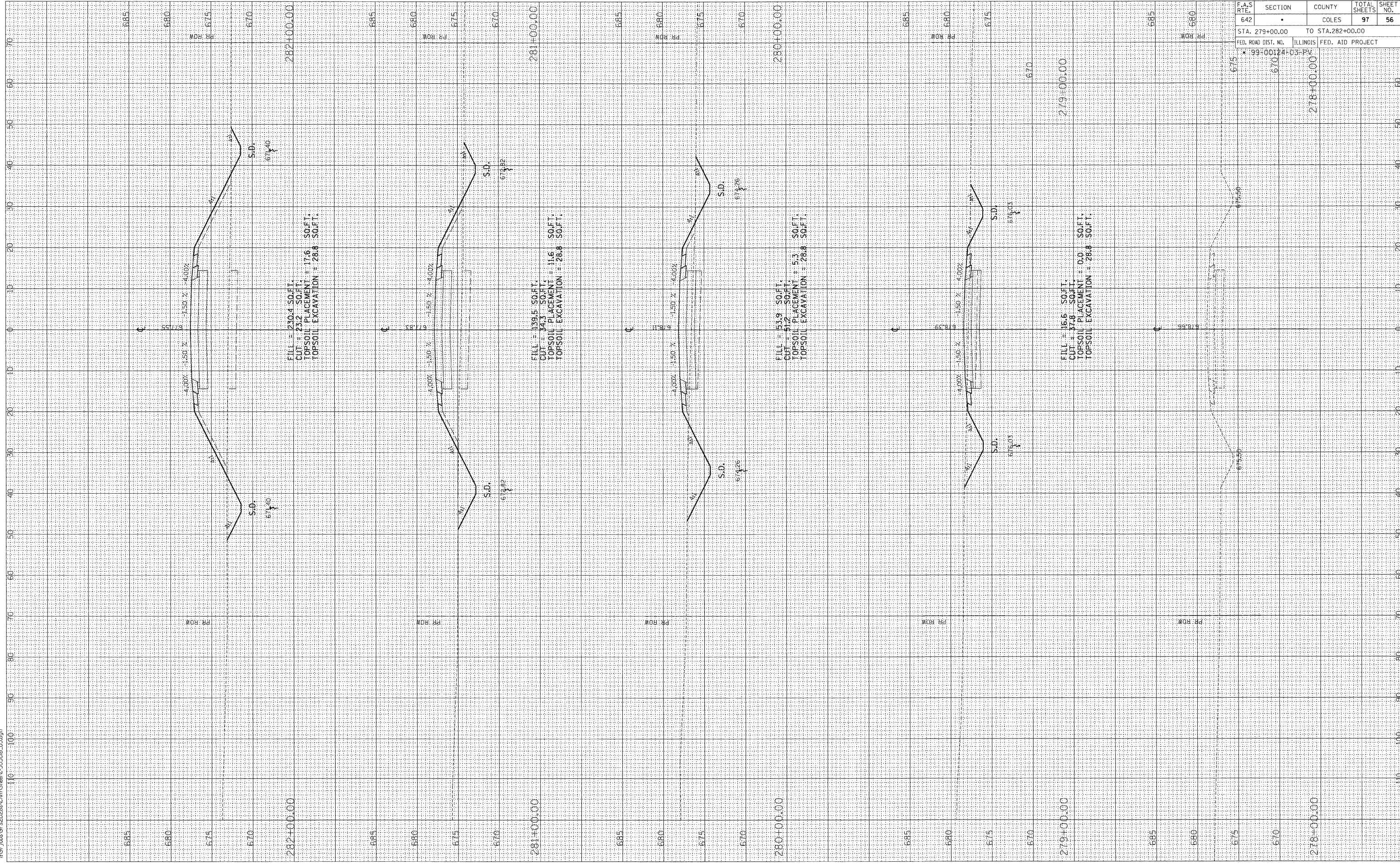
FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

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



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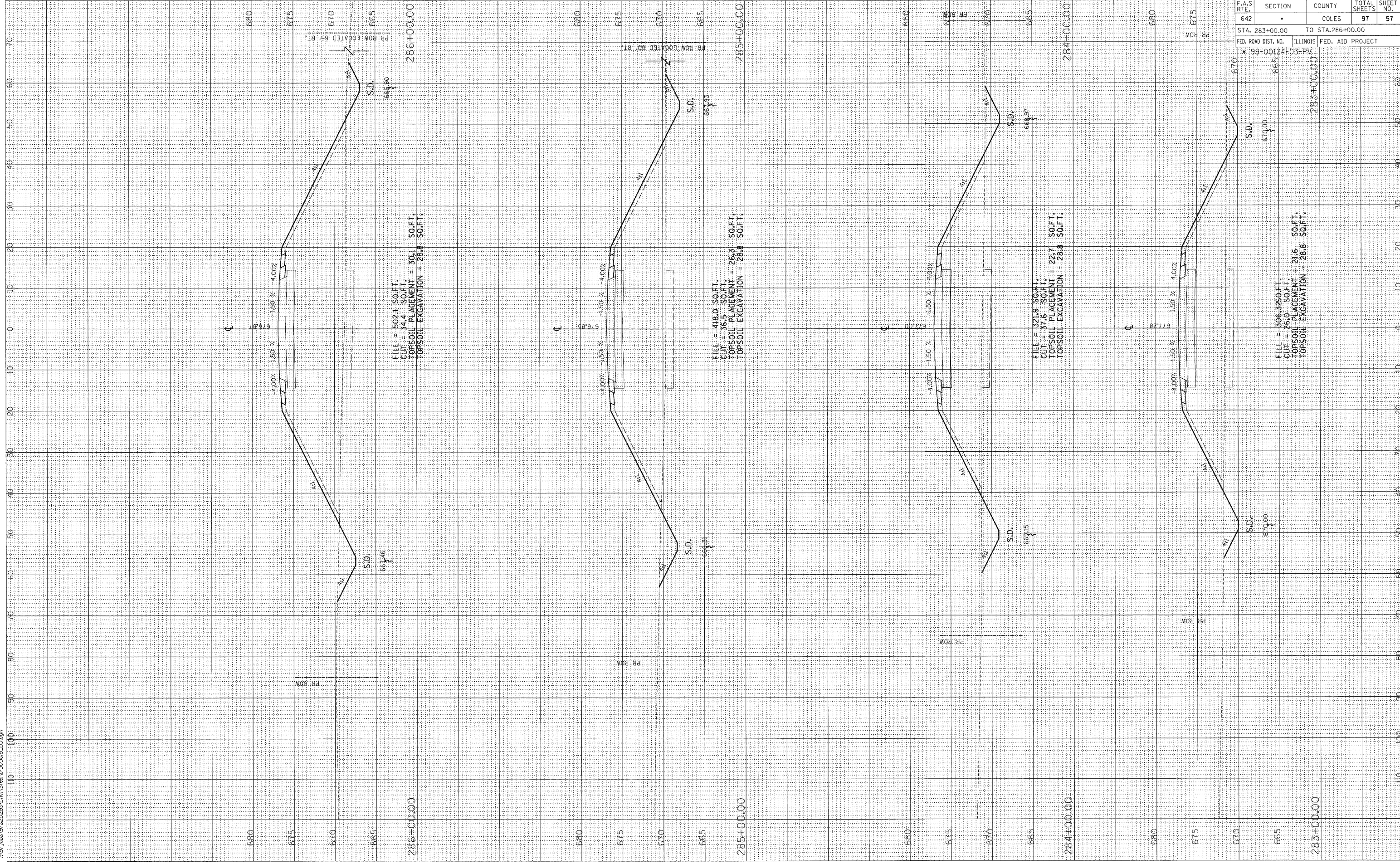
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	56
STA. 279+00.00		TO STA. 282+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99-00124-03-PV				



ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

FINAL SURVEY	BY	DATE
TEMPORARY		
NOTE BOOK		
AREAS CHECKED		
NO.		

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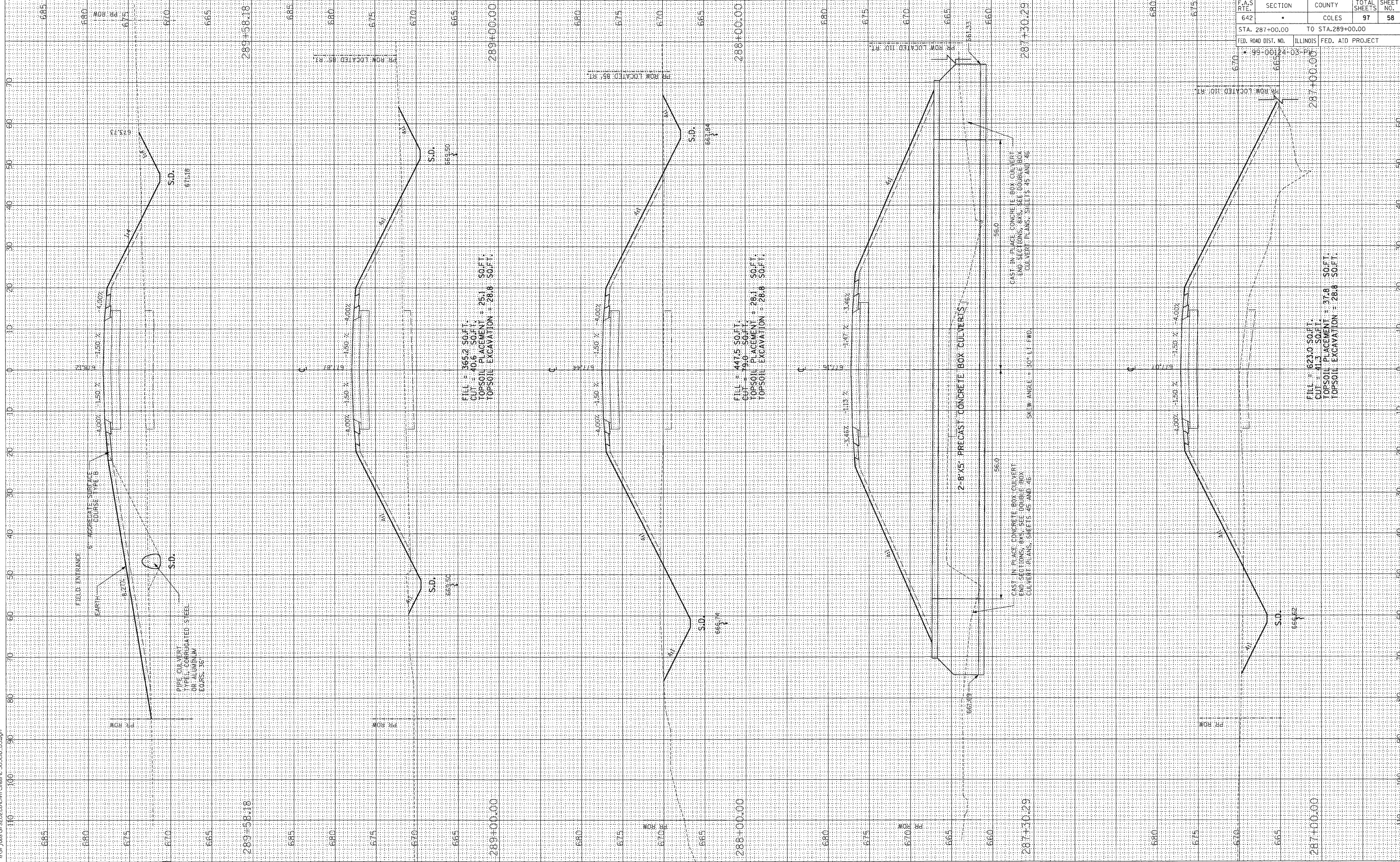
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	57
STA. 283+00.00		TO STA. 286+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99-00124-03-PV		283+00.00		



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

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

03/12/2009
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	58
STA. 287+00.00	TO STA. 289+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
99-06194-03				

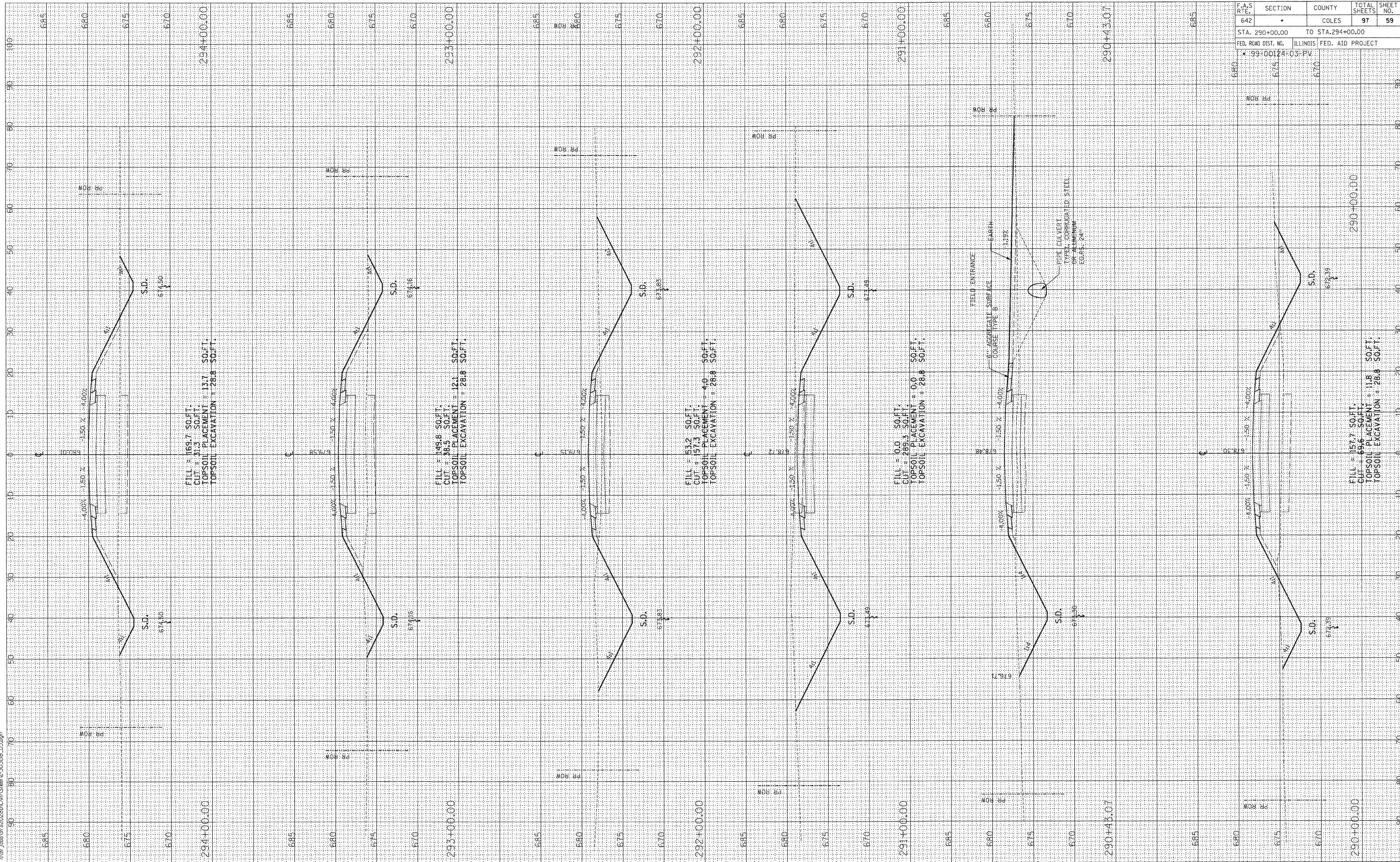
FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

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



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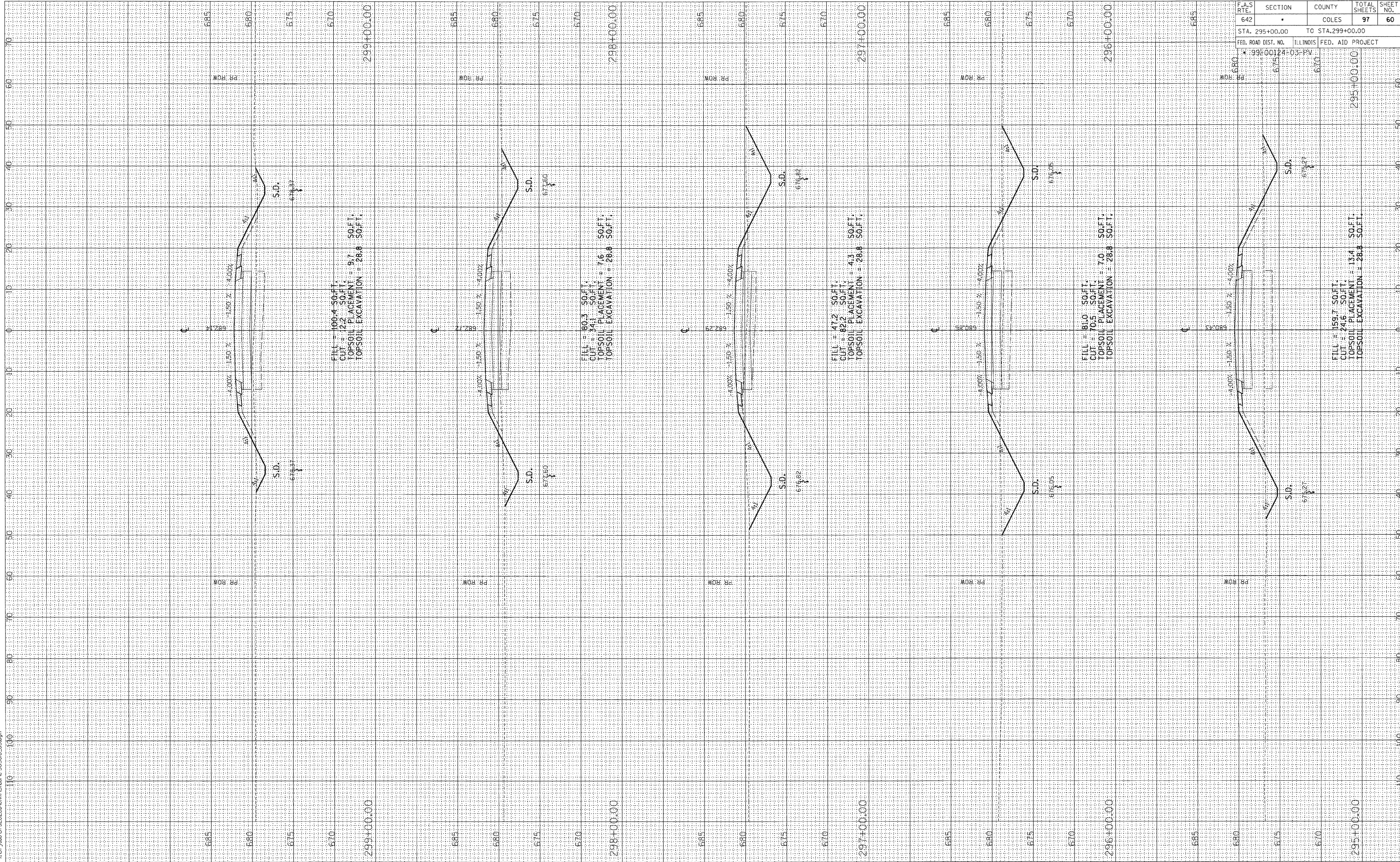
F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	59
STA. 290+00.00 TO STA. 294+00.00		ILLINOIS FED. AID PROJECT		
* 99+00124+03-PV				

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

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



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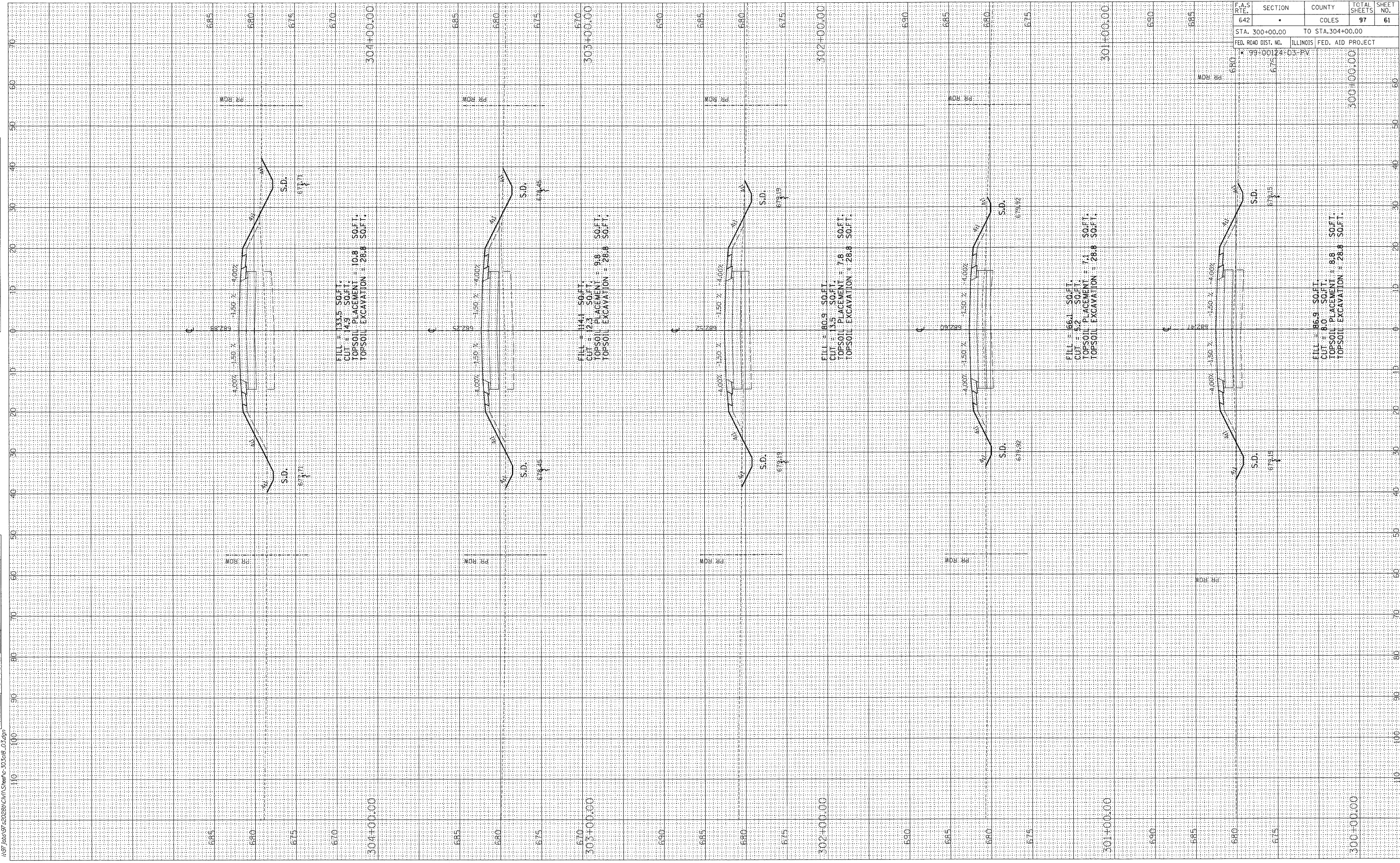


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	60
STA. 295+00.00		TO STA. 299+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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

03.30.2009
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FILL = 133.5 SOFT.
 CUT = 14.9 SOFT.
 TOPSOIL PLACEMENT = 10.8 SOFT.
 TOPSOIL EXCAVATION = 28.8 SOFT.

FILL = 144.1 SOFT.
 CUT = 12.3 SOFT.
 TOPSOIL PLACEMENT = 9.8 SOFT.
 TOPSOIL EXCAVATION = 28.8 SOFT.

FILL = 80.9 SOFT.
 CUT = 13.5 SOFT.
 TOPSOIL PLACEMENT = 7.8 SOFT.
 TOPSOIL EXCAVATION = 28.8 SOFT.

FILL = 66.1 SOFT.
 CUT = 5.2 SOFT.
 TOPSOIL PLACEMENT = 7.1 SOFT.
 TOPSOIL EXCAVATION = 28.8 SOFT.

FILL = 86.9 SOFT.
 CUT = 8.0 SOFT.
 TOPSOIL PLACEMENT = 8.8 SOFT.
 TOPSOIL EXCAVATION = 28.8 SOFT.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	61
STA. 300+00.00		TO STA. 304+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99-00124-03-PV		300+00.00		

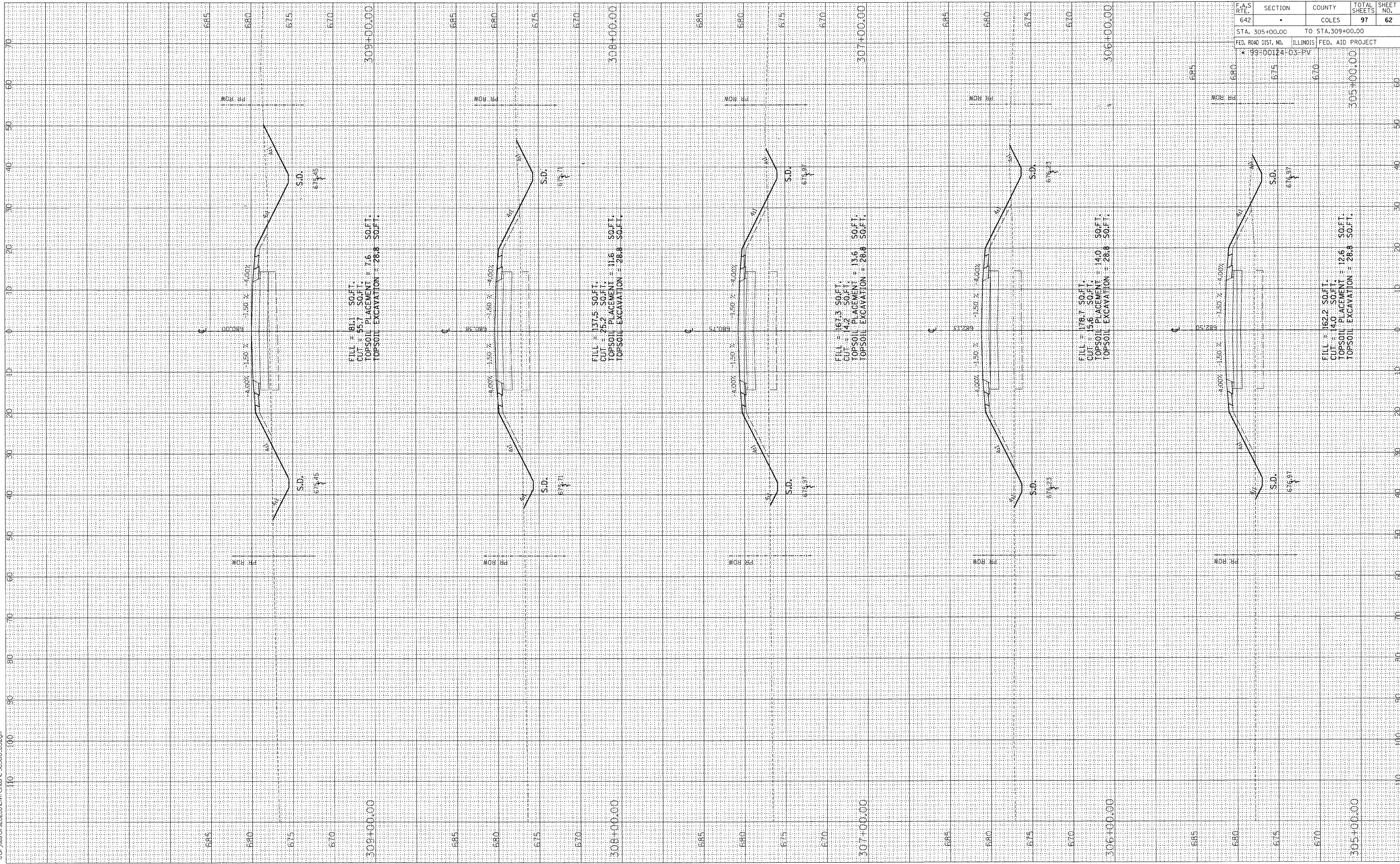


ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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

03/30/2009

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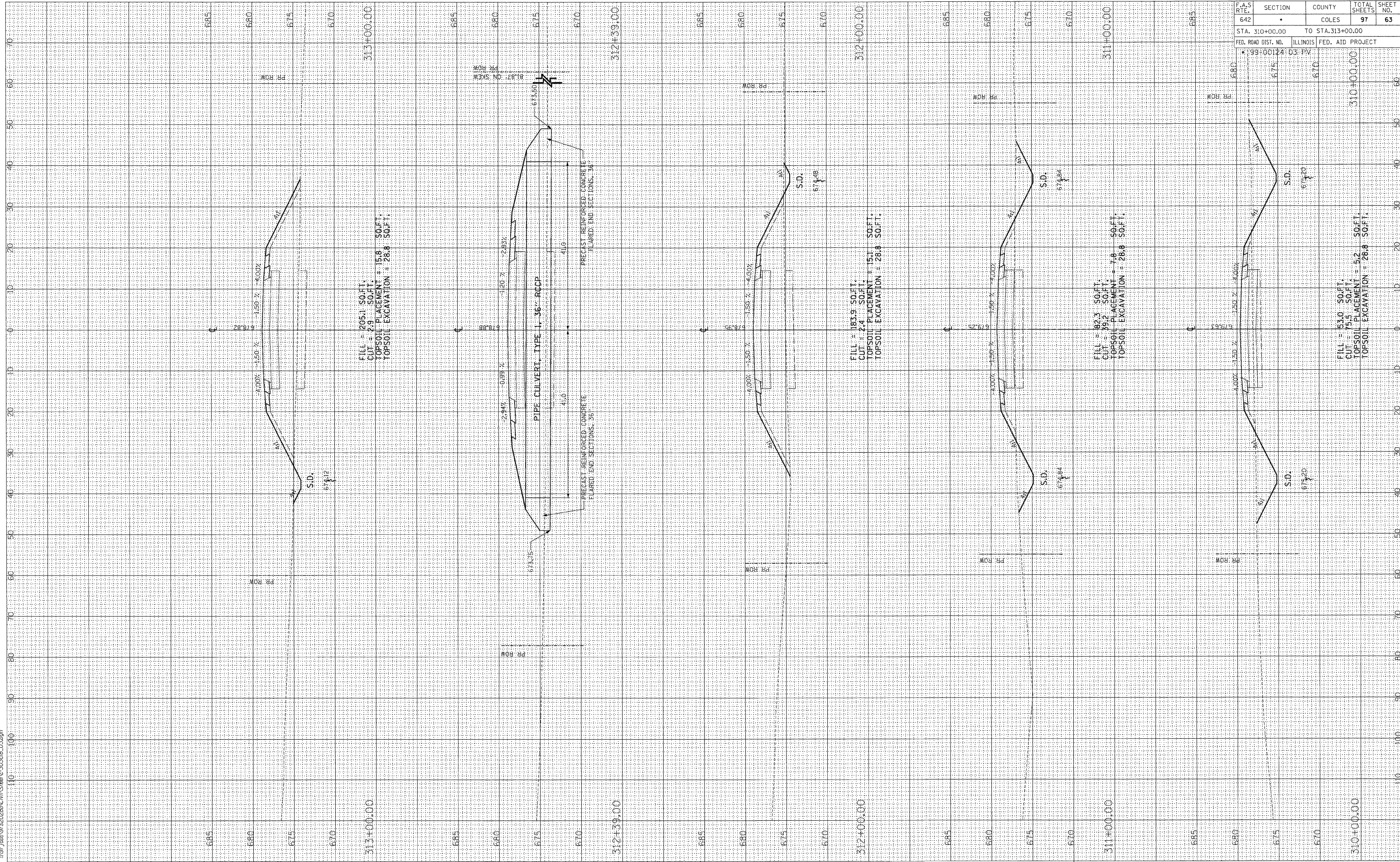
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	62
STA. 305+00.00		TO STA. 309+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 99+00124+03-PV				

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		



ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

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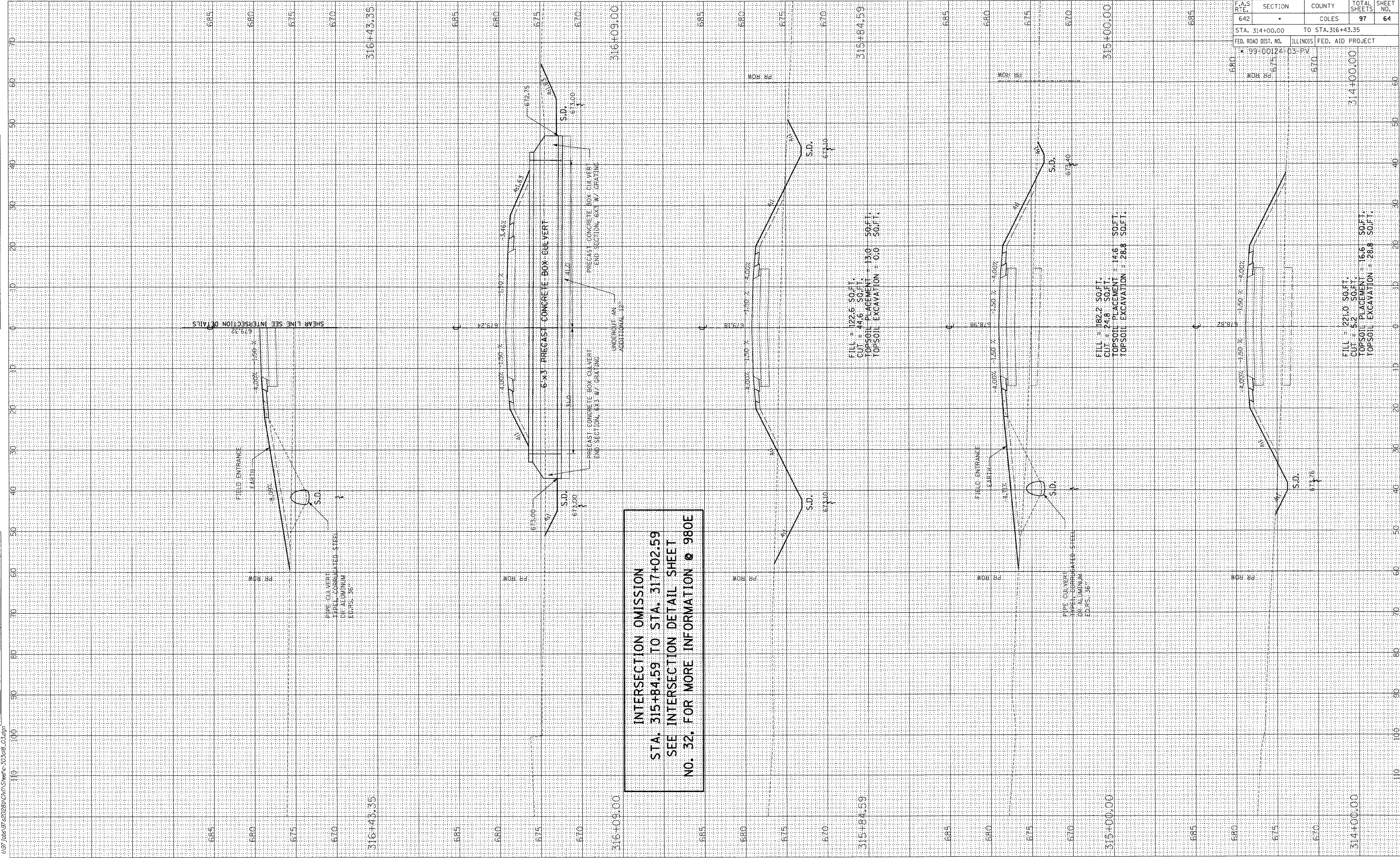
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	63
STA. 310+00.00		TO STA. 313+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		



ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		

03/21/2009
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INTERSECTION OMISSION
 STA. 315+84.59 TO STA. 317+02.59
 SEE INTERSECTION DETAIL SHEET
 NO. 32. FOR MORE INFORMATION @ 980E

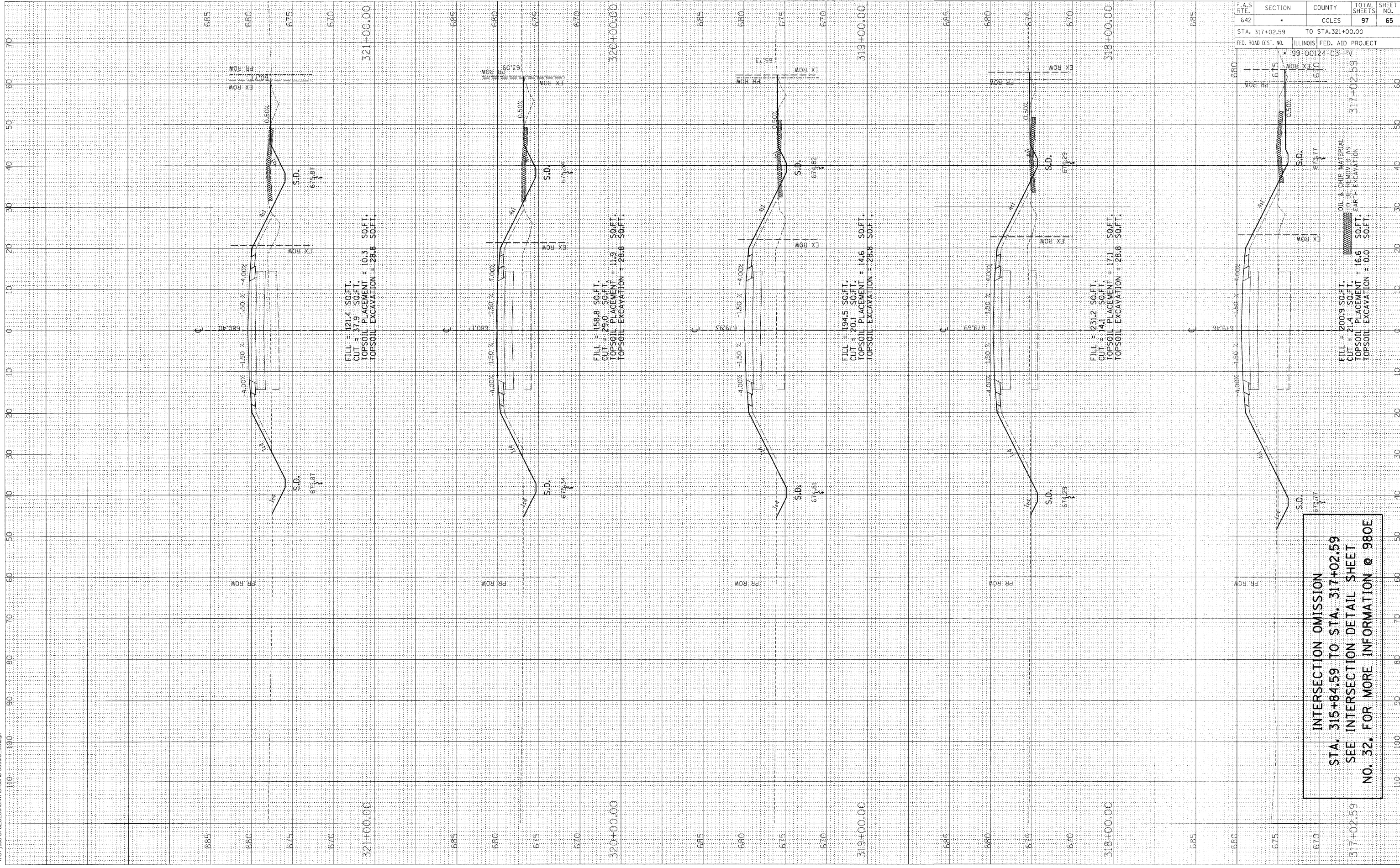
F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	64
STA. 314+00.00	TO STA. 316+43.35			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 99-00124	03-PV			

FINAL SURVEY	EXERCISED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	EXERCISED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

03/11/2009

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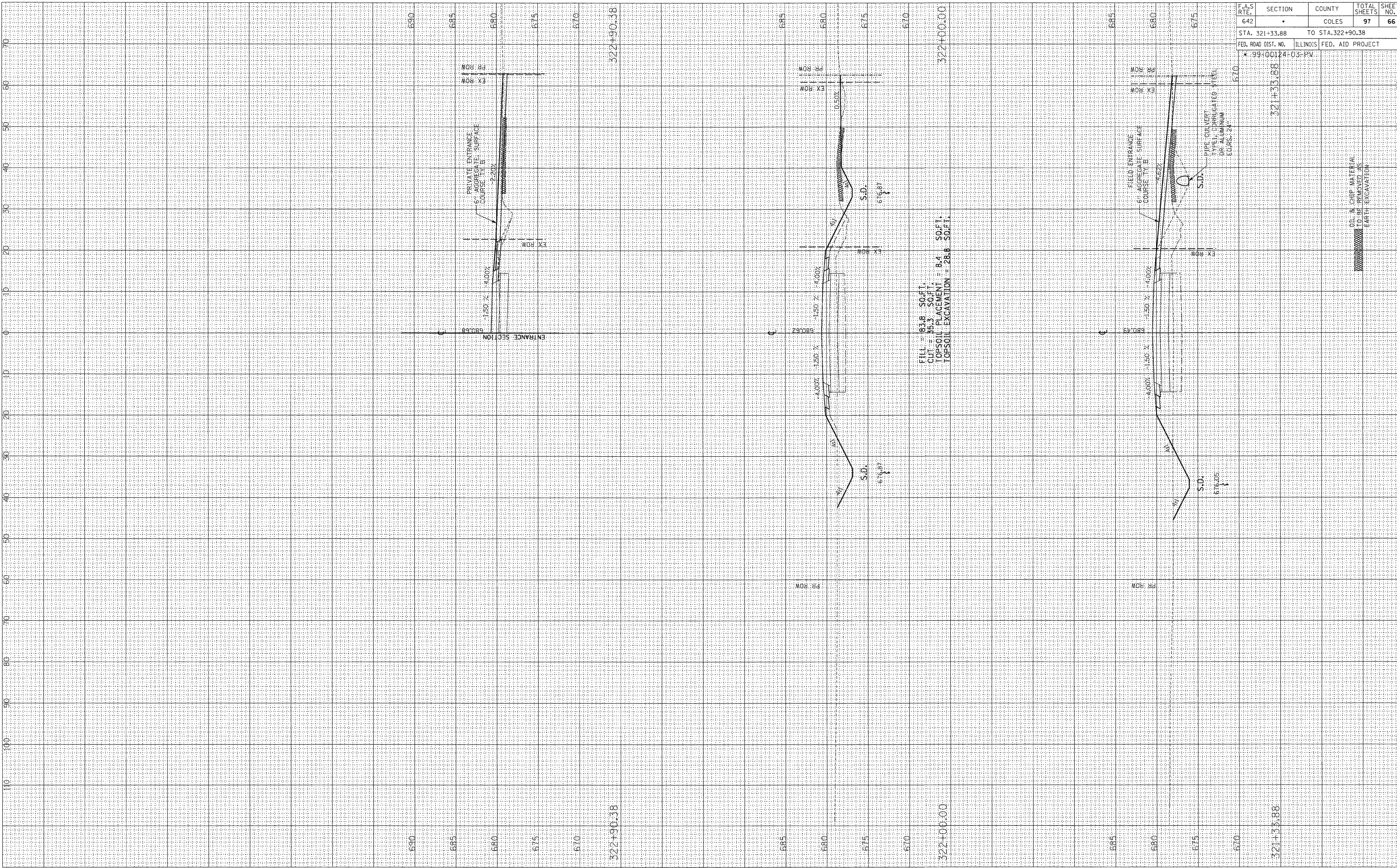
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	65
STA. 317+02.59		TO STA. 321+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

INTERSECTION OMISSION
STA. 315+84.59 TO STA. 317+02.59
SEE INTERSECTION DETAIL SHEET
NO. 32. FOR MORE INFORMATION @ 980E

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

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

03/31/2009
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FILL = 63.8 SO.FT.
 CUT = 35.3 SO.FT.
 TOPSOIL PLACEMENT = 8.4 SO.FT.
 TOPSOIL EXCAVATION = 28.8 SO.FT.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	66
STA. 321+33.88		TO STA. 322+90.38		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99+00124+03-PV				

690	685	680	675	670	322+90.38
690	685	680	675	670	321+33.88

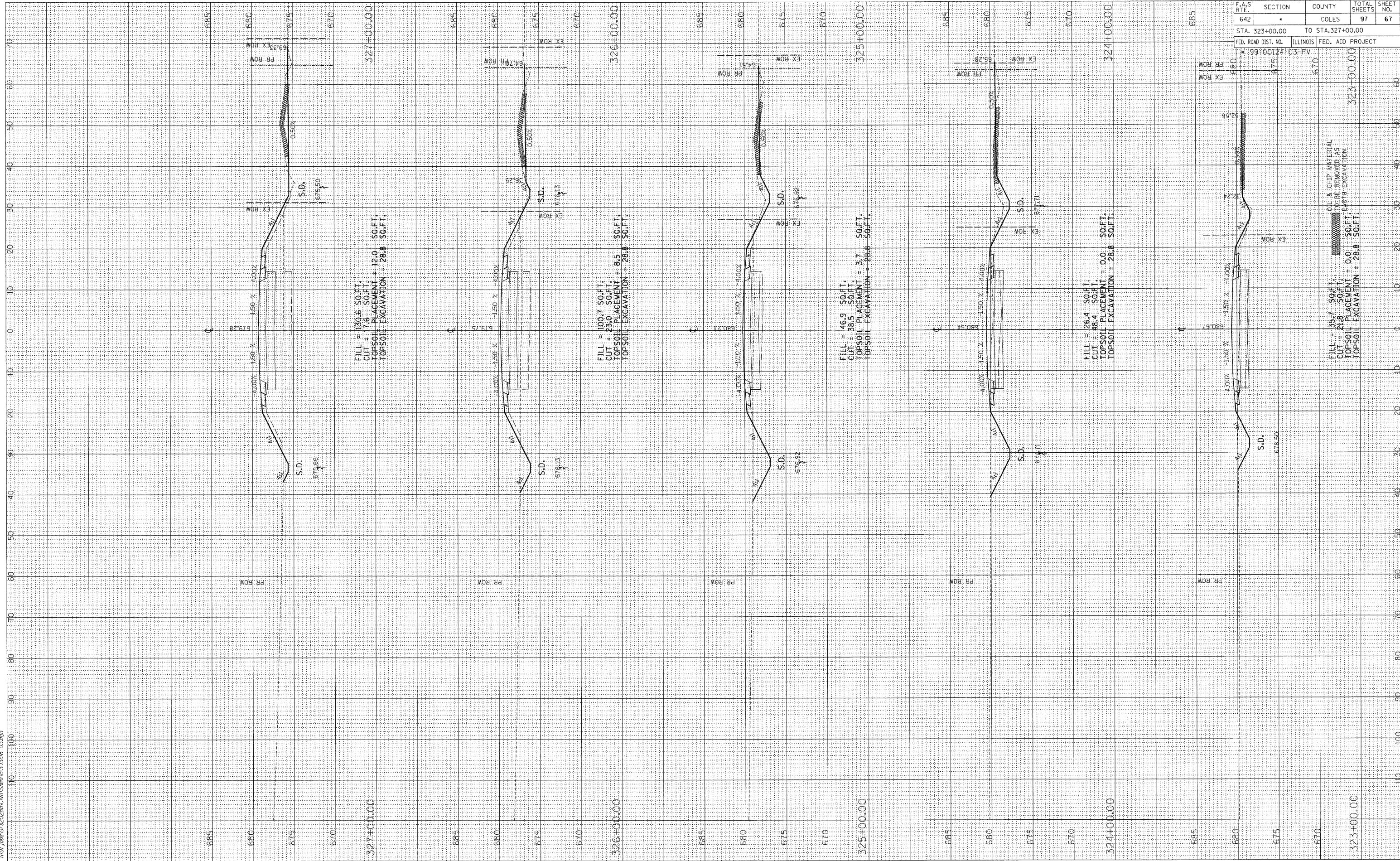
OL. & CRIP. MATERIAL TO BE REMOVED AS EARTH EXCAVATION

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



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

03/31/2009
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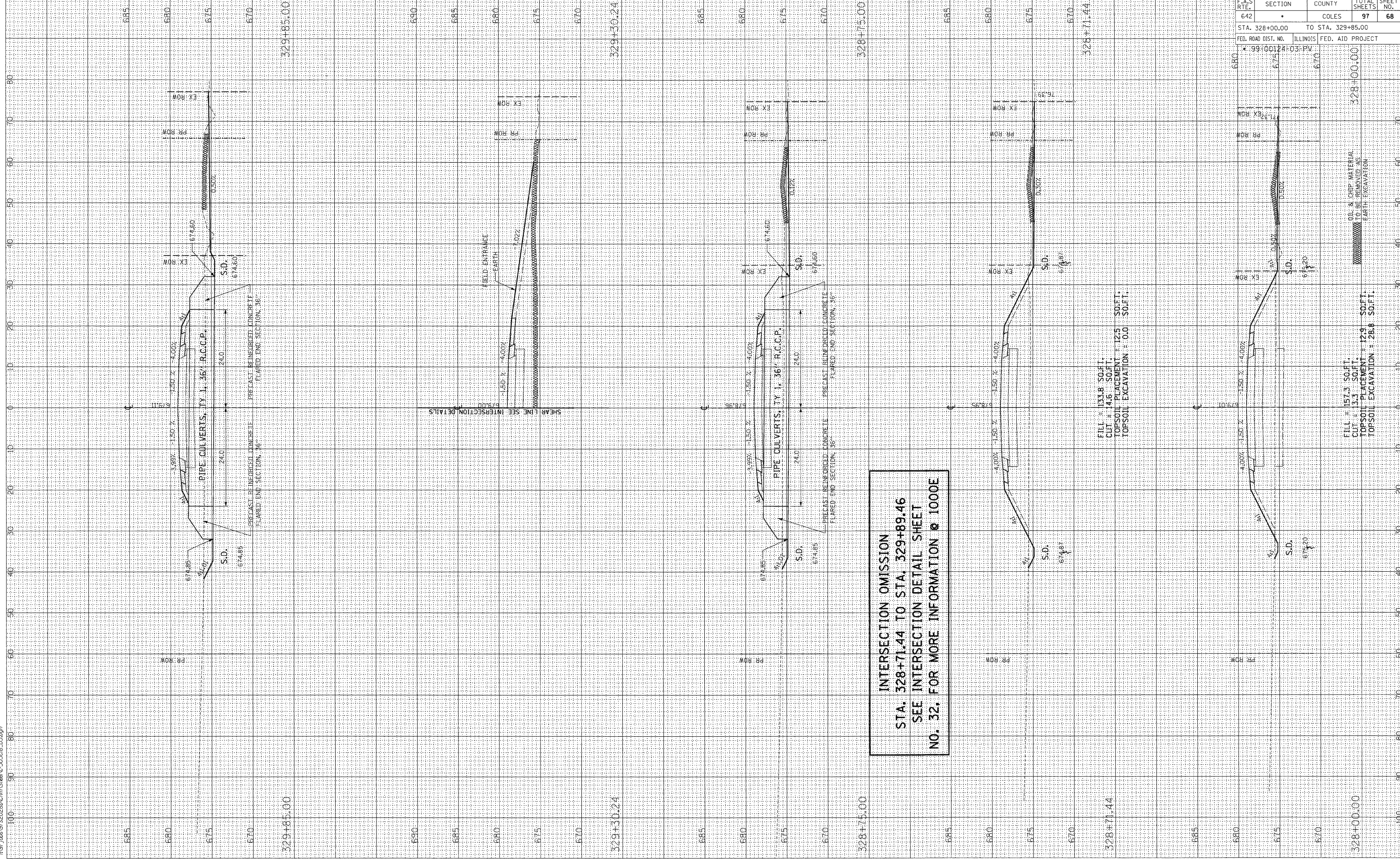


ORIGINAL SURVEY PLOTTED	BY	DATE
SURVEY NOTE BOOK NO.		
AREAS CHECKED		

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

03/31/2009

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**INTERSECTION OMISSION
 STA. 328+71.44 TO STA. 329+89.46
 SEE INTERSECTION DETAIL SHEET
 NO. 32, FOR MORE INFORMATION @ 1000E**

FILL = 133.8 SO.FT.
 CUT = 4.6 SO.FT.
 TOPSOIL PLACEMENT = 12.9 SO.FT.
 TOPSOIL EXCAVATION = 0.0 SO.FT.

FILL = 157.5 SO.FT.
 CUT = 3.1 SO.FT.
 TOPSOIL PLACEMENT = 12.9 SO.FT.
 TOPSOIL EXCAVATION = 28.8 SO.FT.

DIRT & CRP MATERIAL
 TO BE REMOVED AS
 PART OF EXCAVATION

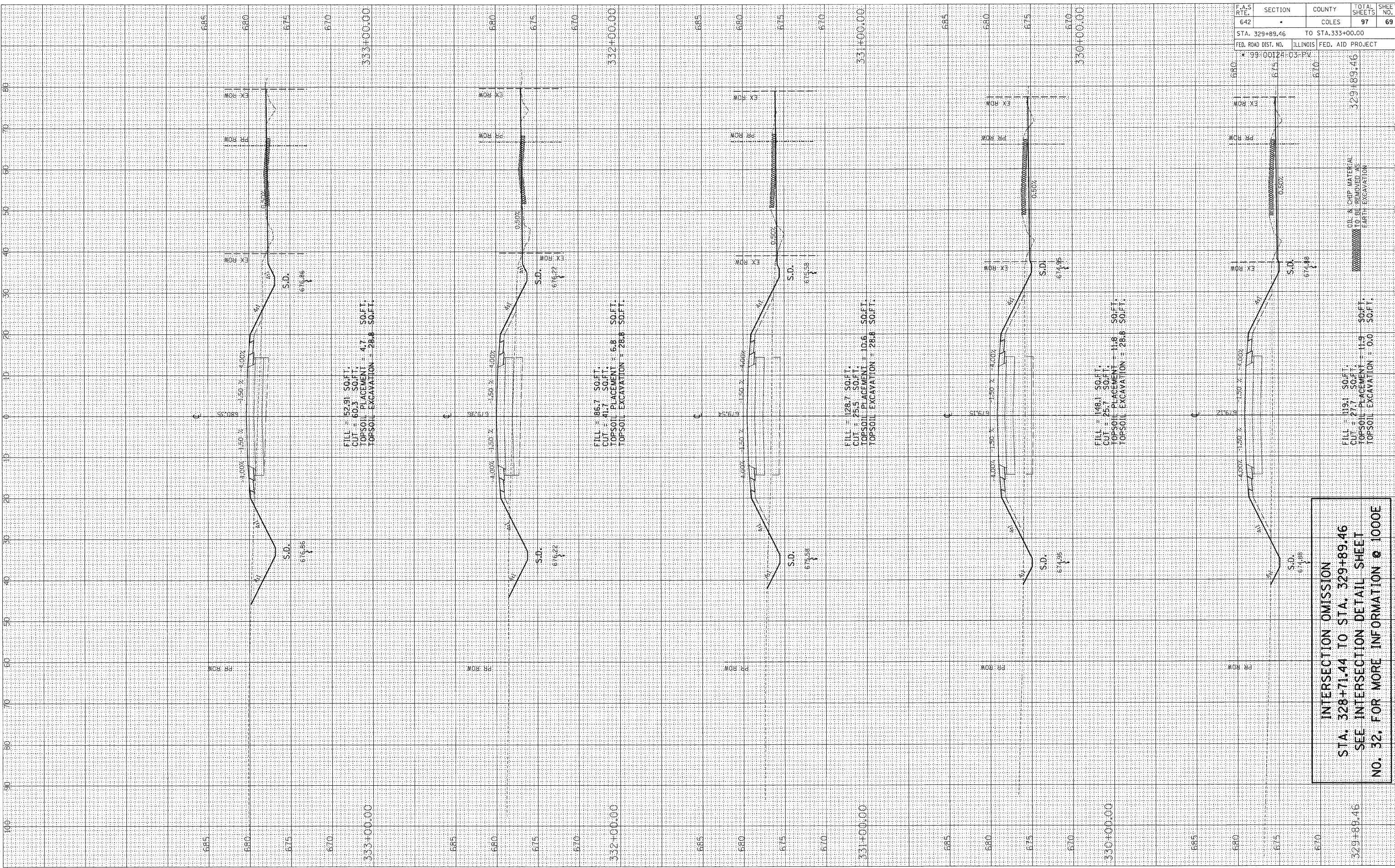
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	68
STA. 328+00.00		TO STA. 329+85.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* 99-00124-03-PV				

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



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

03/10/2009
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	69
STA. 329+89.46		TO STA. 333+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 99-00124-03-PV				

INTERSECTION OMISSION
STA. 328+71.44 TO STA. 329+89.46
SEE INTERSECTION DETAIL SHEET
NO. 32, FOR MORE INFORMATION @ 1000E

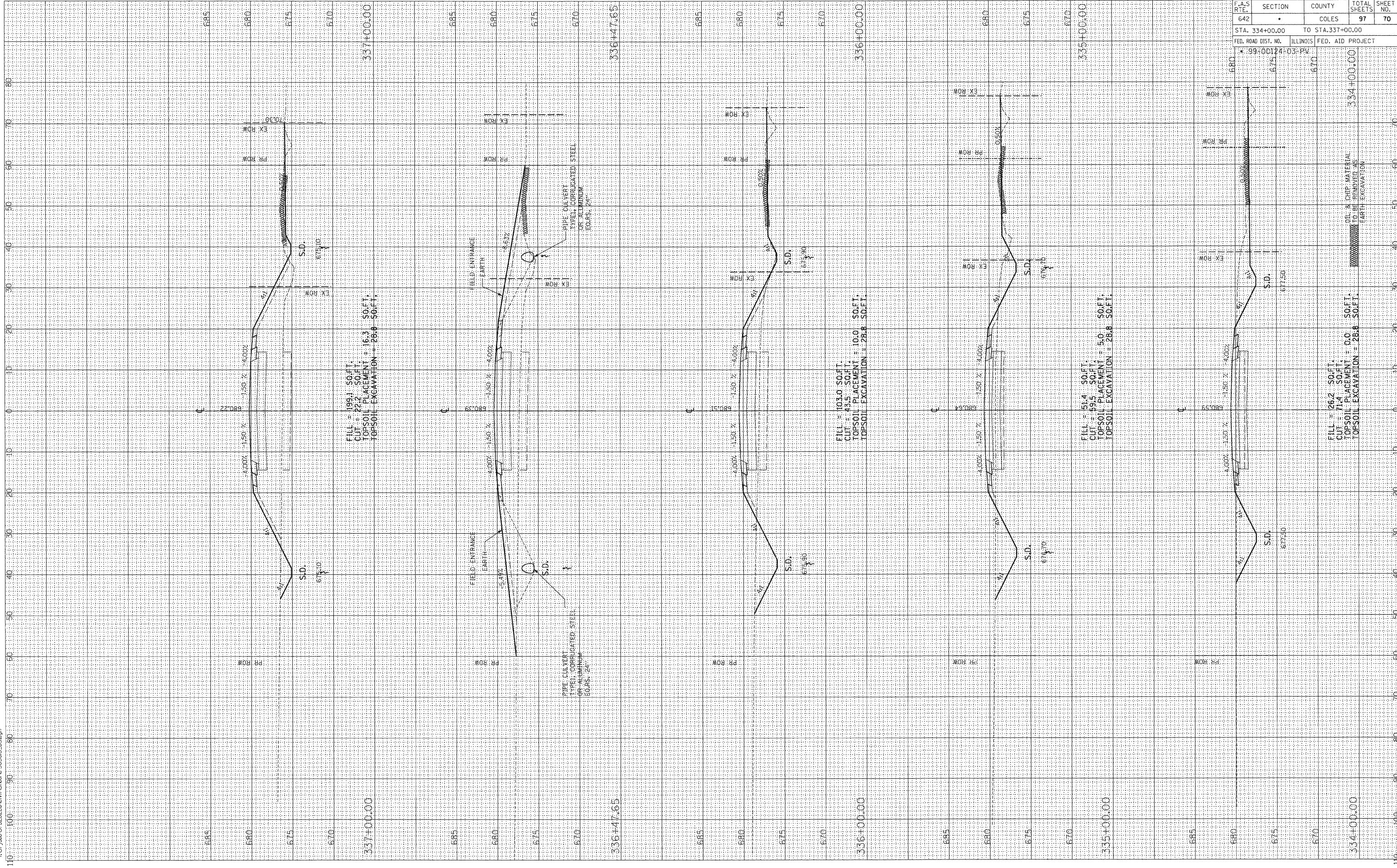
329+89.46
 329+89.46
 329+89.46



ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		
NO.		

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
AREAS CHECKED		
NO.		

03/21/2009
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FILL = 199.1 SO.FT.
 CUT = 22.2 SO.FT.
 TOPSOIL PLACEMENT = 16.3 SO.FT.
 TOPSOIL EXCAVATION = 28.8 SO.FT.

FILL = 103.0 SO.FT.
 CUT = 43.5 SO.FT.
 TOPSOIL PLACEMENT = 10.0 SO.FT.
 TOPSOIL EXCAVATION = 28.8 SO.FT.

FILL = 51.4 SO.FT.
 CUT = 59.5 SO.FT.
 TOPSOIL PLACEMENT = 5.0 SO.FT.
 TOPSOIL EXCAVATION = 28.8 SO.FT.

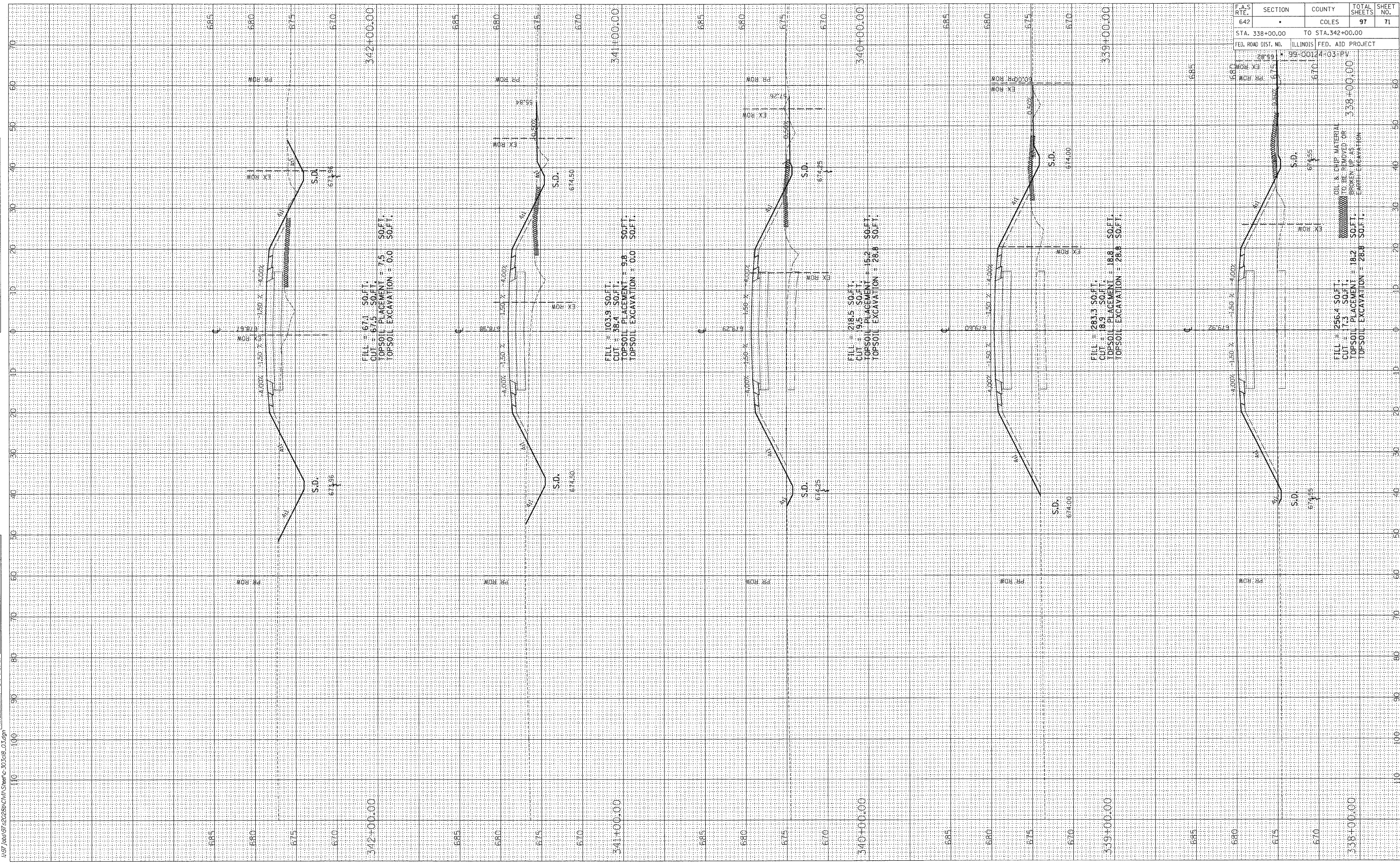
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 CUT = 71.4 SO.FT.
 TOPSOIL PLACEMENT = 0.0 SO.FT.
 TOPSOIL EXCAVATION = 28.8 SO.FT.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	70
STA. 334+00.00		TO STA.337+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99-00174-03-PV				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

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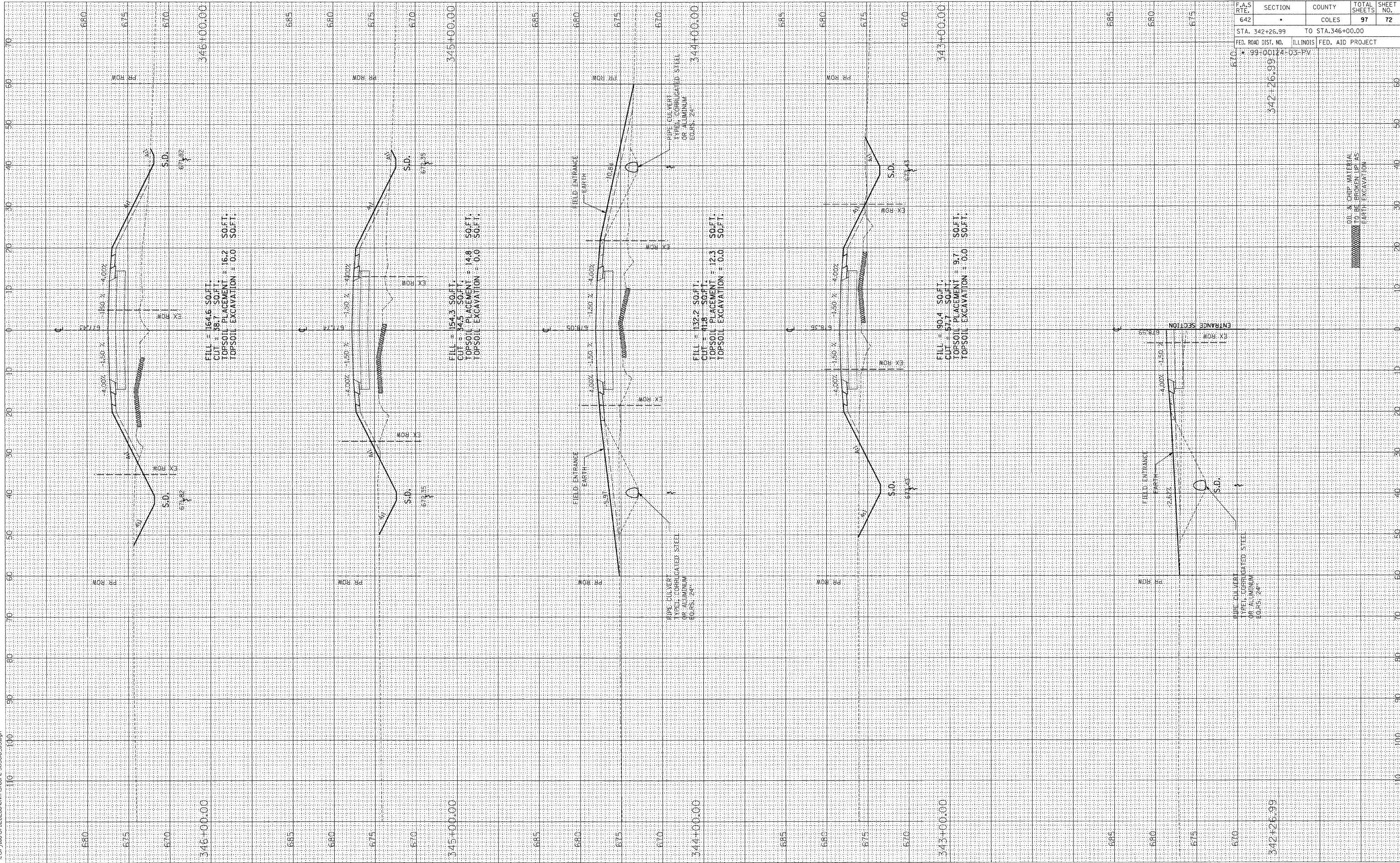
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	71
STA. 338+00.00 TO STA. 342+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
99-00124-03-PV				
338+00.00				
339+00.00				
340+00.00				
341+00.00				
342+00.00				

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



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

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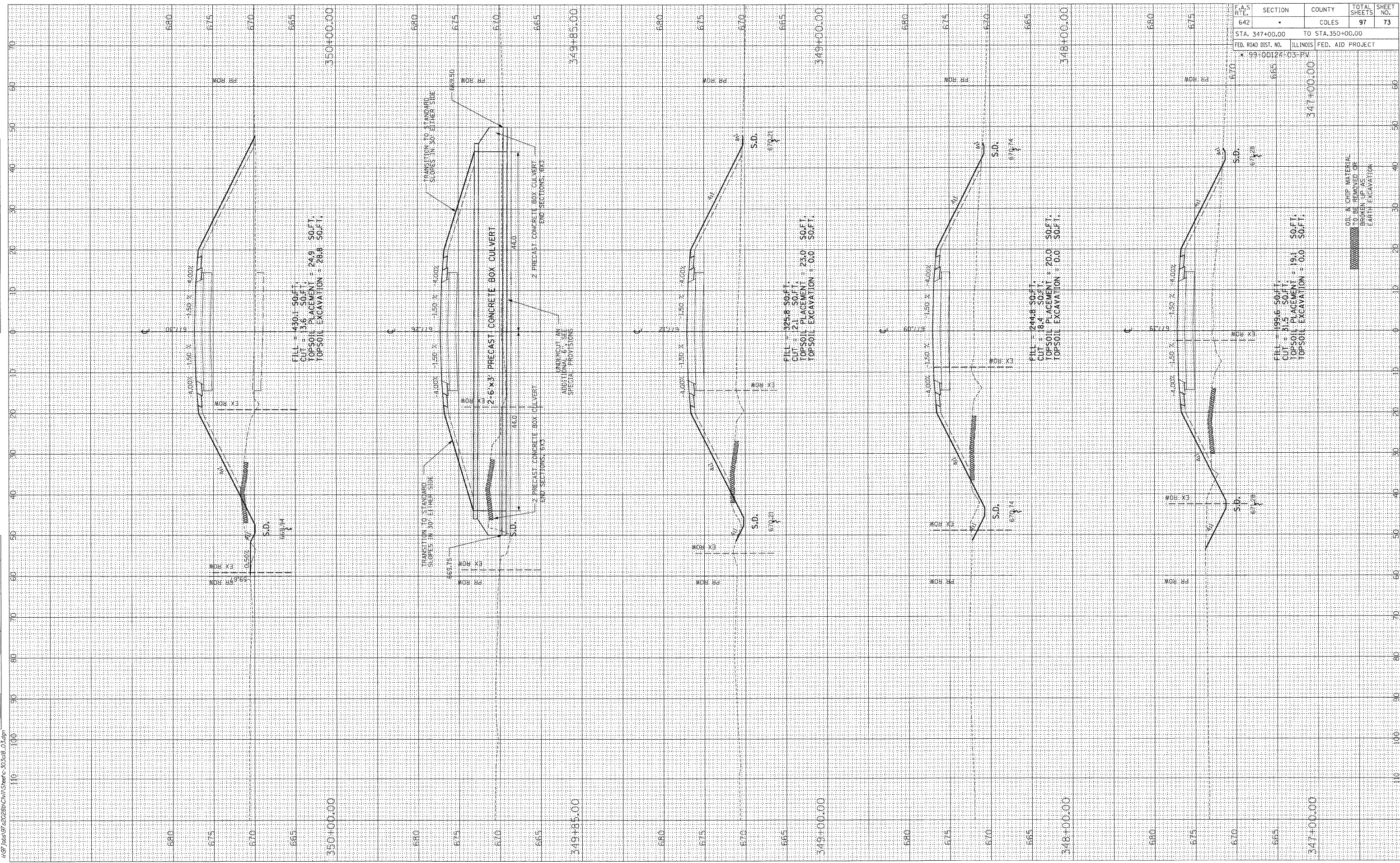


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	72
STA. 342+26.99		TO STA. 346+00.00		
FED. ROAD DIST. NO. * 99-00124-03-PV		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NO.		
PLANNED SURVEY		
NO.		
NOTED SURVEY		
NO.		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NO.		
PLANNED SURVEY		
NO.		
NOTED SURVEY		
NO.		
AREAS CHECKED		
NO.		

03/31/2009
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F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	73
STA. 347+00.00 TO STA. 350+00.00				
FED. ROAD DIST. NO. * 99-00124-03-PV		ILLINOIS FED. AID PROJECT		

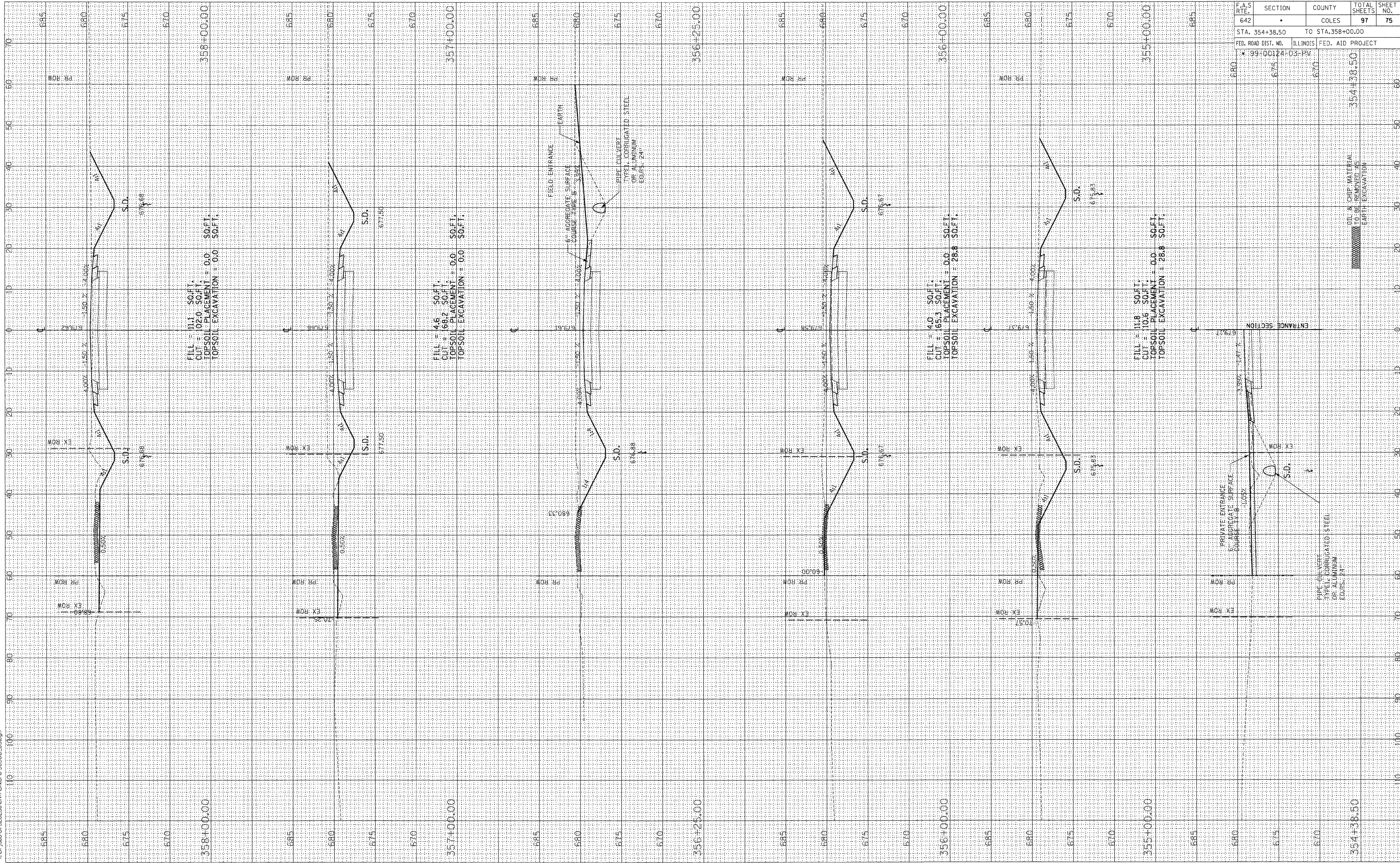
OT & CRIP MATERIAL TO BE REMOVED OR BROKEN UP AS EARTH EXCAVATION

FINAL SURVEY	BY	DATE
SURVEY		
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NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
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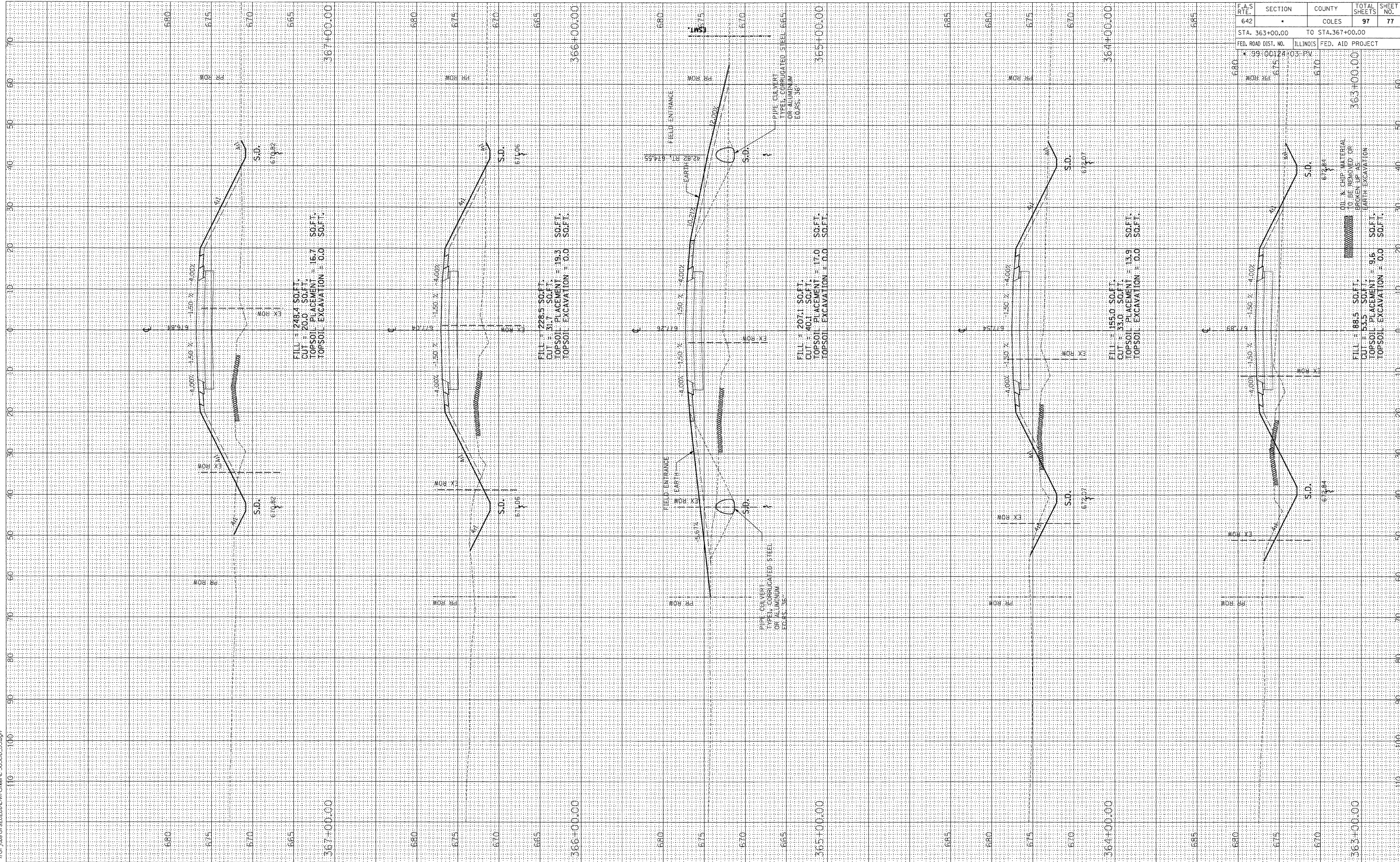
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	75
STA. 354+38.50		TO STA. 358+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
680	* 99-10124-03-PW			

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	77
STA. 363+00.00		TO STA. 367+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
MD-CO-HWY-1210-66	670			

FILL = 288.5 SQ.FT.	TO BE REMOVED OR	363+00.00
CUT = 20.0 SQ.FT.	BRACKET UP AS	363+00.00
TOPSOIL PLACEMENT = 16.7 SQ.FT.	DIRTY EXCAVATION	
TOPSOIL EXCAVATION = 0.0 SQ.FT.		

FILL = 228.5 SQ.FT.	DIRTY EXCAVATION	
CUT = 31.7 SQ.FT.		
TOPSOIL PLACEMENT = 19.3 SQ.FT.		
TOPSOIL EXCAVATION = 0.0 SQ.FT.		

FILL = 207.1 SQ.FT.	DIRTY EXCAVATION	
CUT = 40.1 SQ.FT.		
TOPSOIL PLACEMENT = 17.0 SQ.FT.		
TOPSOIL EXCAVATION = 0.0 SQ.FT.		

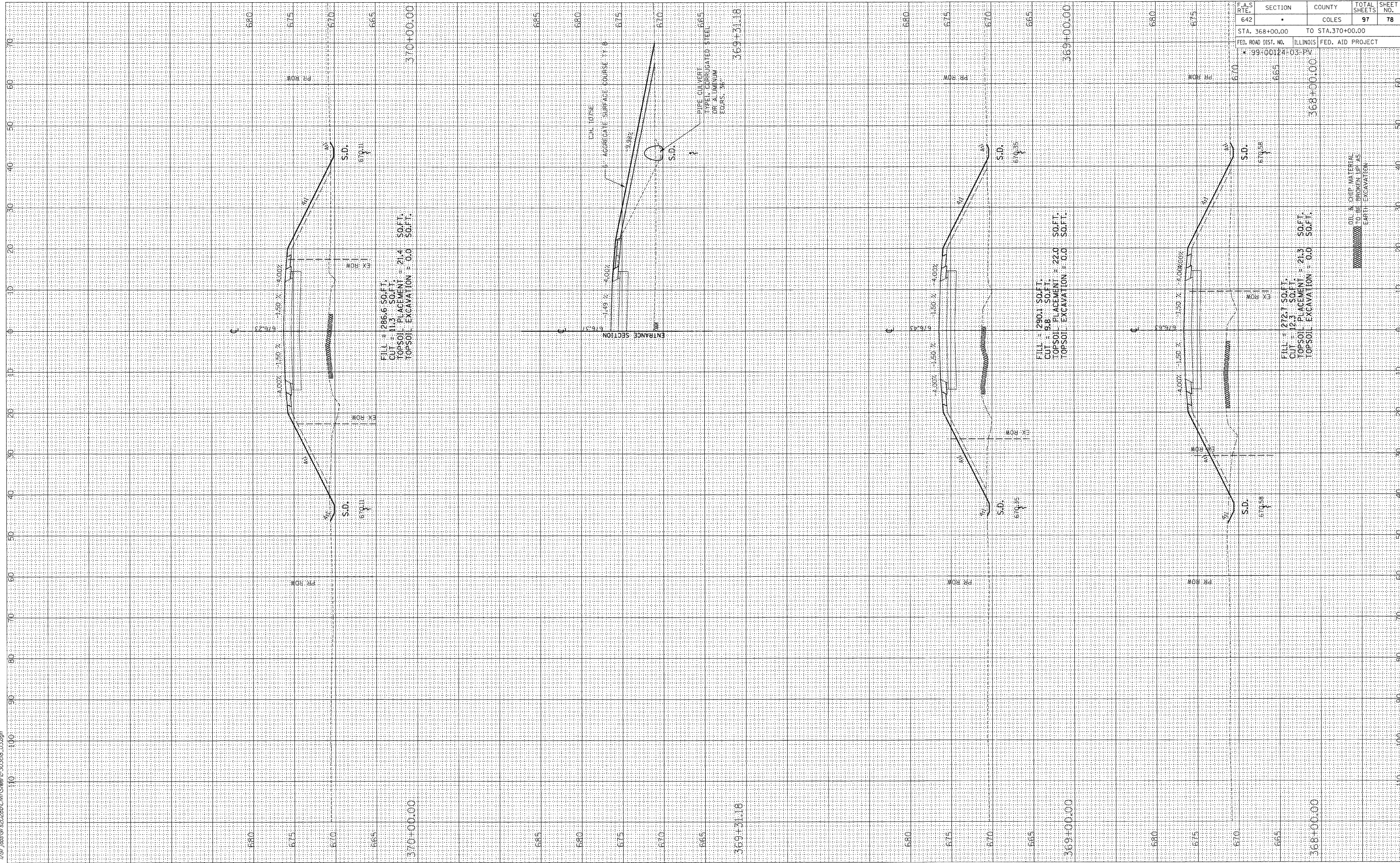
FILL = 188.5 SQ.FT.	DIRTY EXCAVATION	
CUT = 33.0 SQ.FT.		
TOPSOIL PLACEMENT = 13.9 SQ.FT.		
TOPSOIL EXCAVATION = 0.0 SQ.FT.		

FINAL SURVEY	BY	DATE
SURVEYED		
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ORIGINAL SURVEY	BY	DATE
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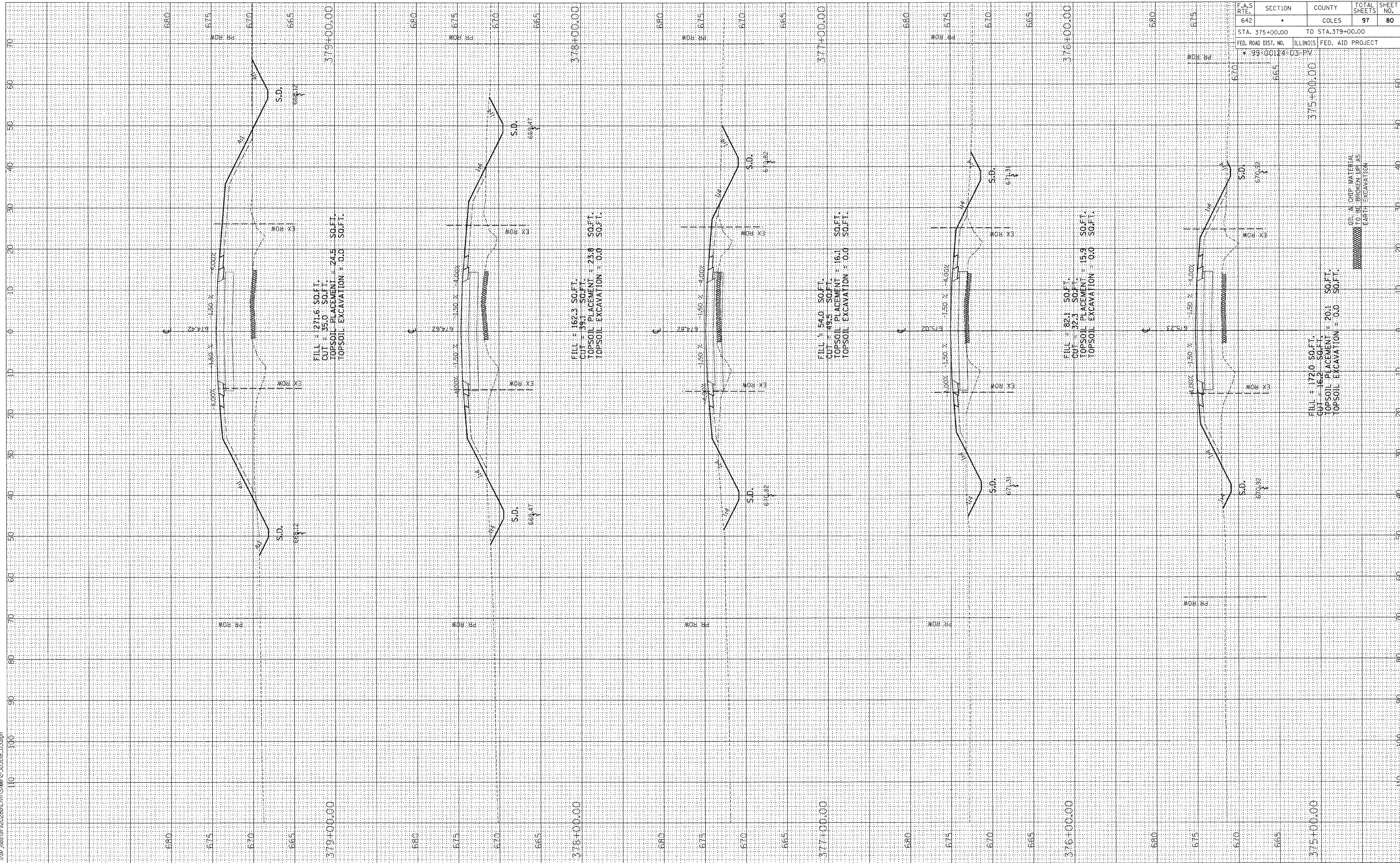


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	78
STA. 368+00.00		TO STA. 370+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99+00124+03-PV				
	665		368+00.00	
	670		369+00.00	
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FINAL SURVEY	BY	DATE
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NOTE BOOK		
AREAS CHECKED		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
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NOTE BOOK		
AREAS CHECKED		
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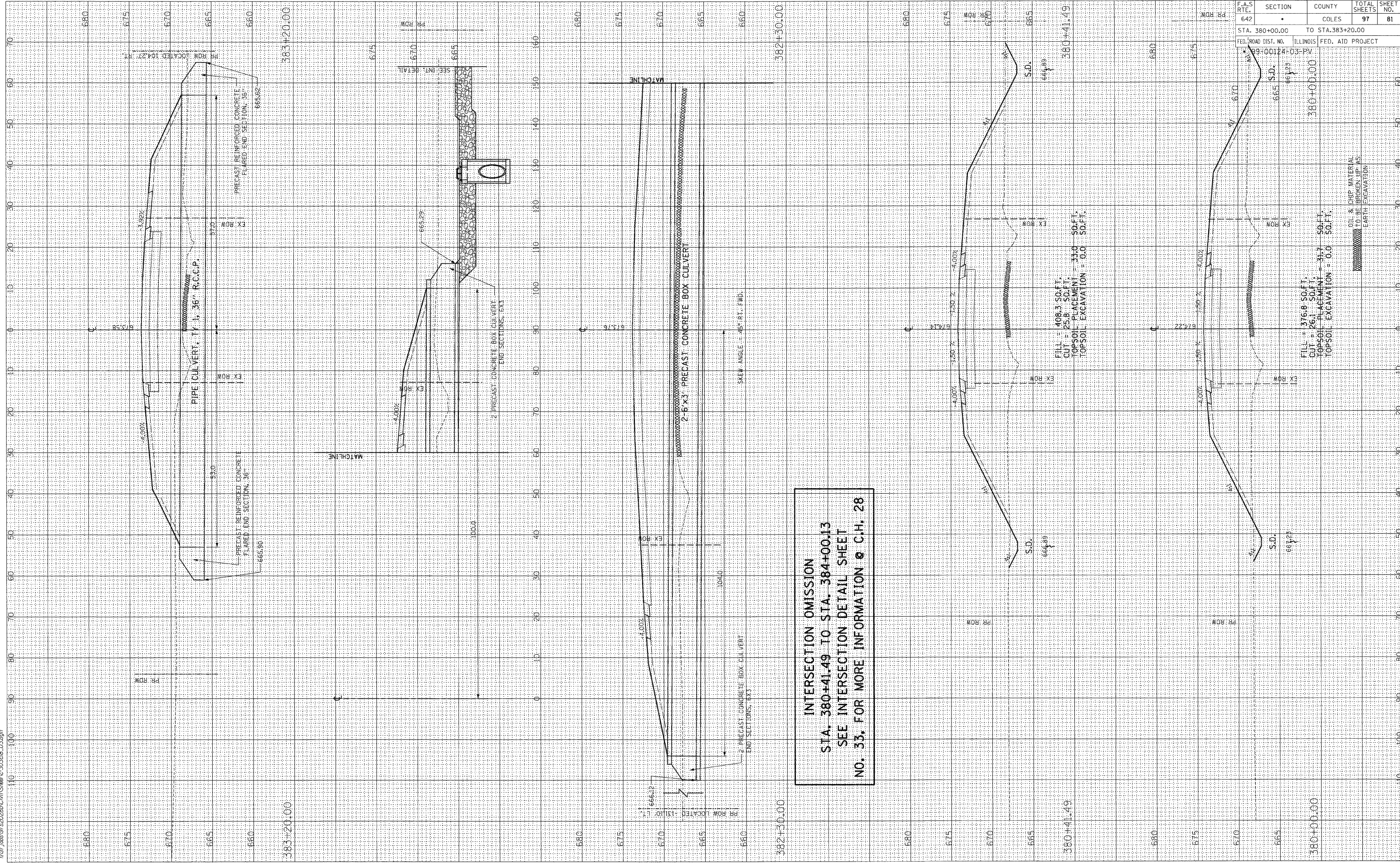
F.A.S. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	80
STA. 375+00.00		TO STA. 379+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99-00124-03-PV				

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

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	81

STA. 380+00.00 TO STA. 383+20.00

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

09-00124-03-PV

380+00.00

380+41.49

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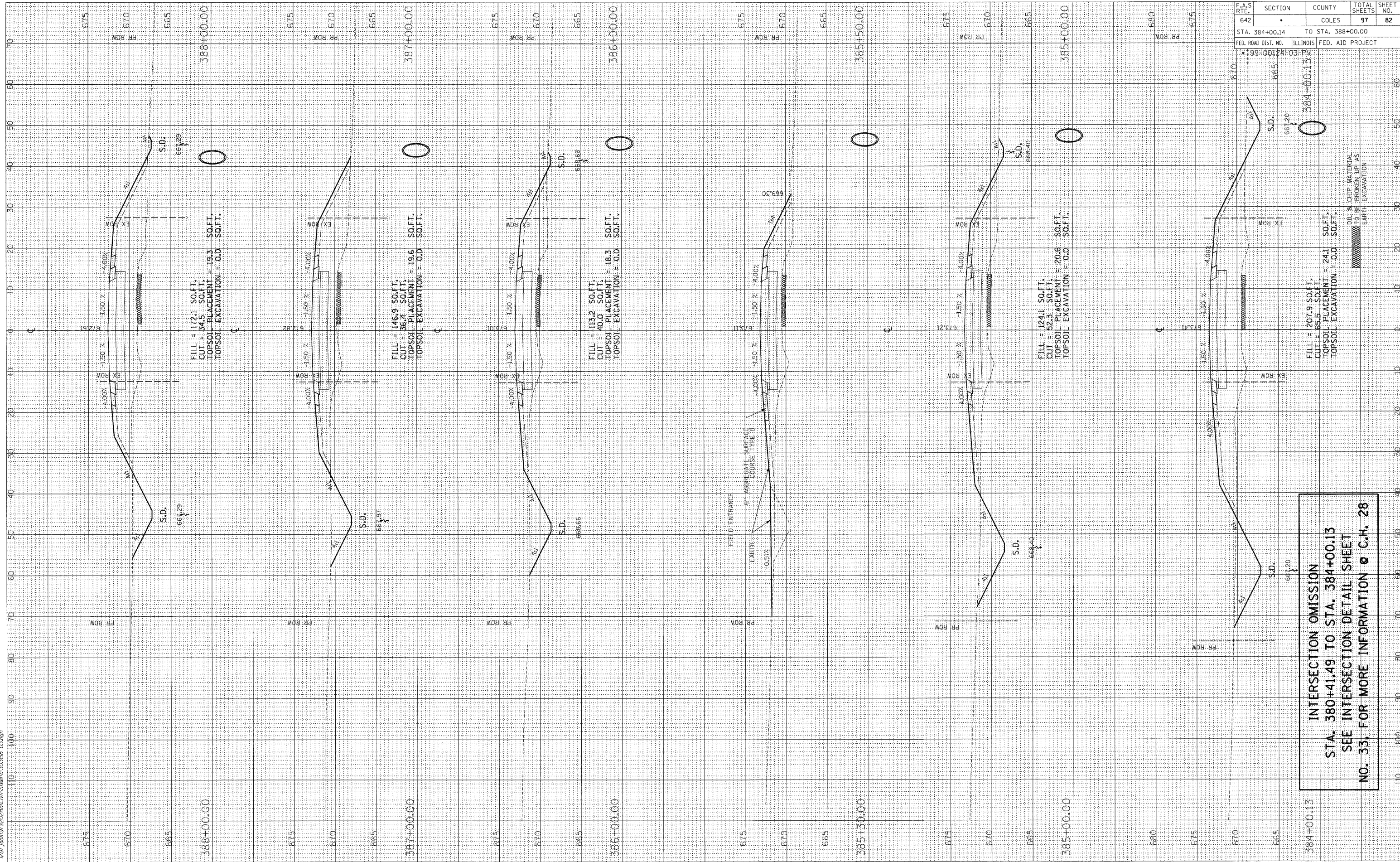
380+41.49

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	82
STA. 384+00.14		TO STA. 388+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
*99-00124	03-PV			

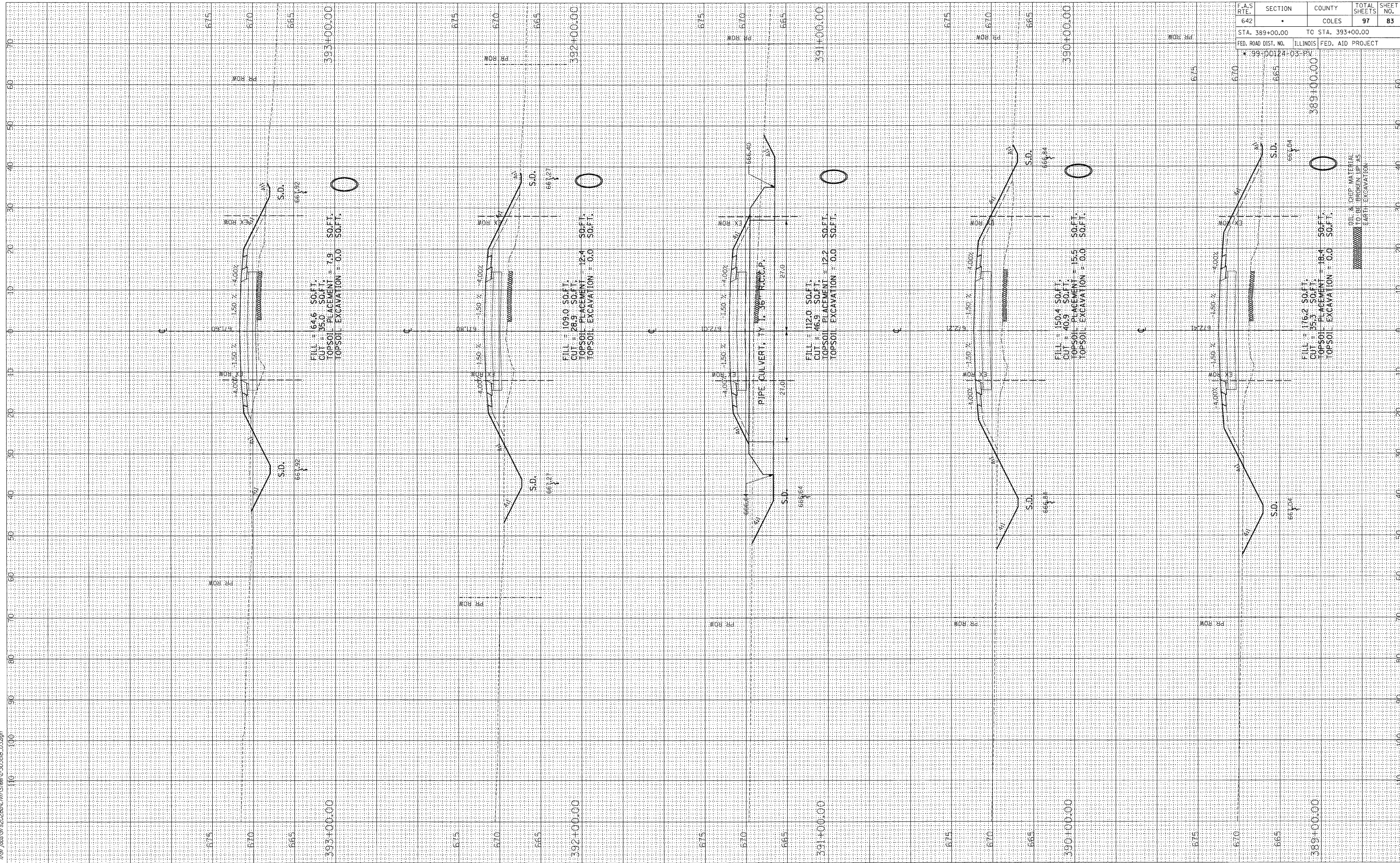
INTERSECTION OMISSION
STA. 380+41.49 TO STA. 384+00.13
SEE INTERSECTION DETAIL SHEET
NO. 33, FOR MORE INFORMATION @ C.H. 28

FINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	83

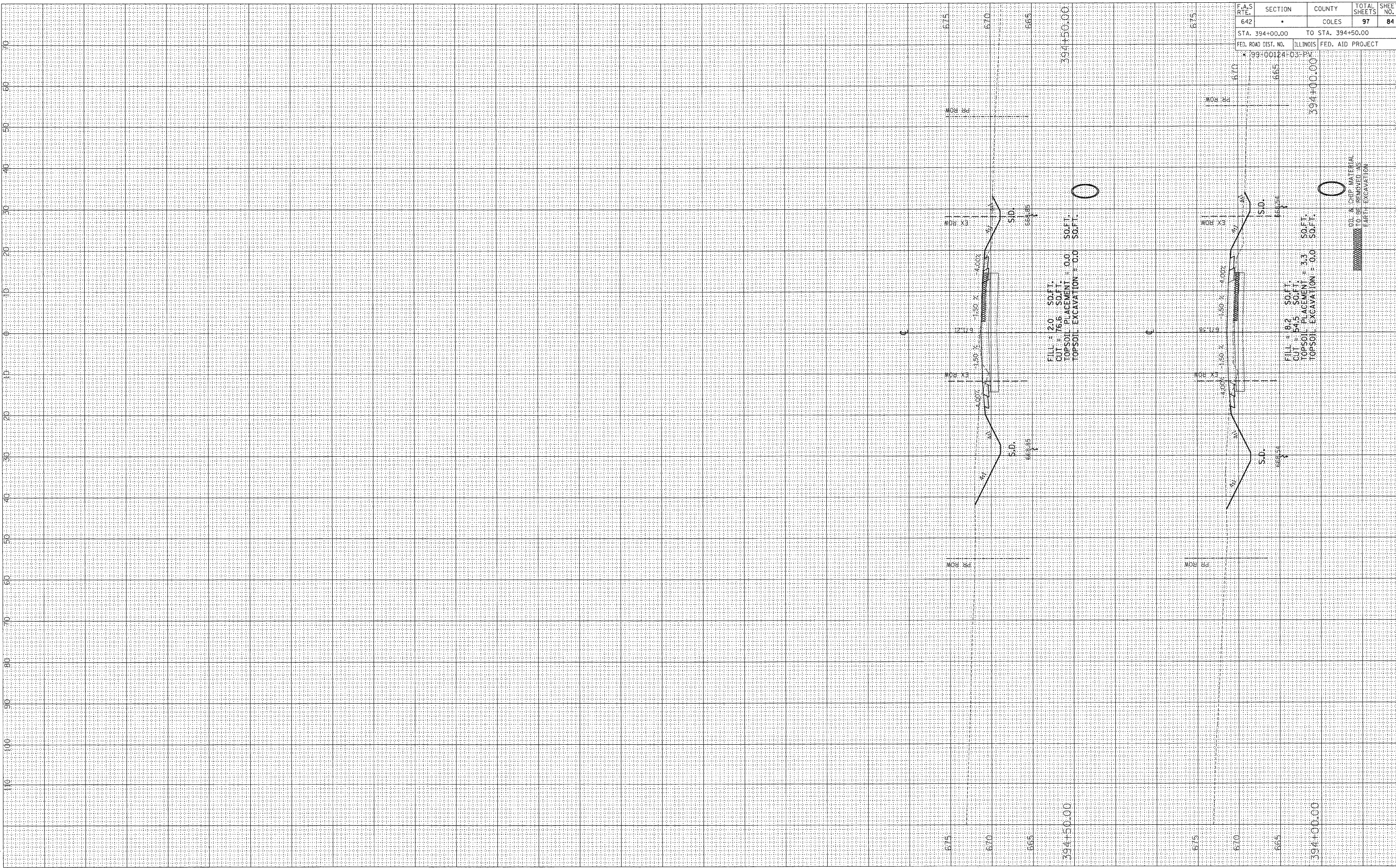
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
STA. 389+00.00 TO STA. 393+00.00		* 99-00124-03-PV

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
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FINAL SURVEY	BY	DATE
SURVEYED		
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NOTE BOOK		
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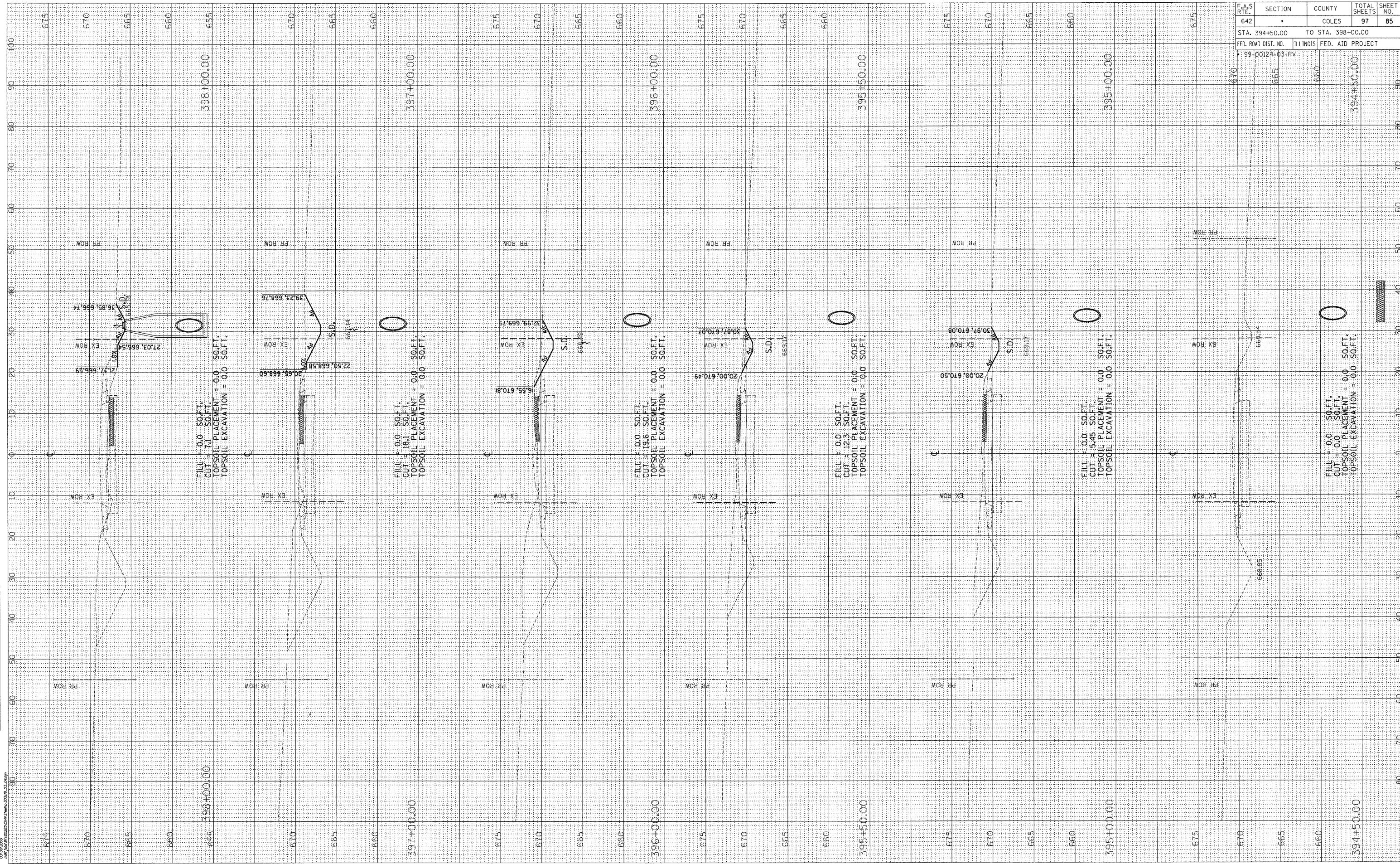
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	84
STA. 394+00.00		TO STA. 394+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
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NOTE BOOK		
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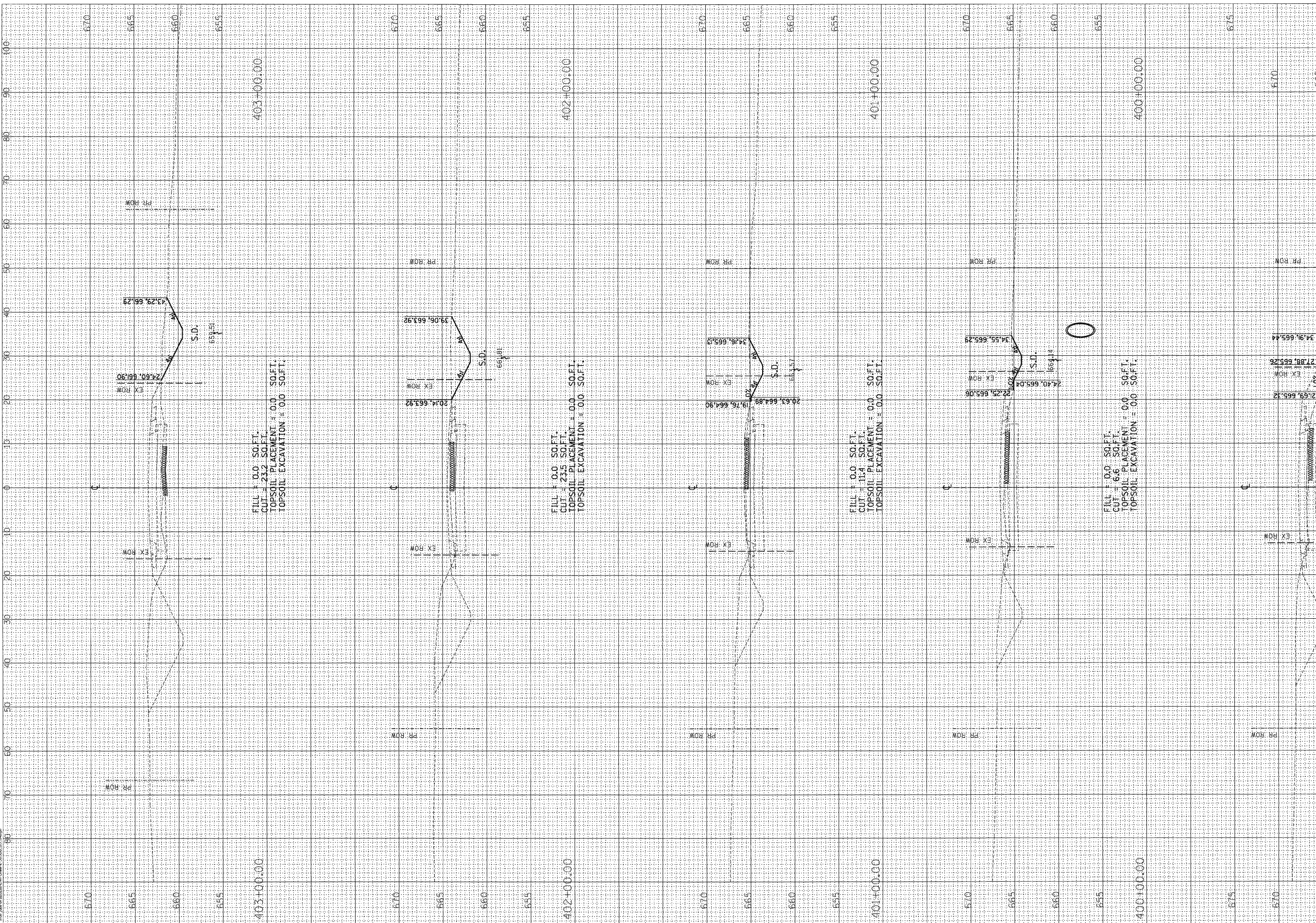
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	85
STA. 394+50.00		TO STA. 398+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P. 99-00124-03-FV				

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

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



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	86
STA. 399+00.00		TO STA. 403+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
99-00124-03-PV				

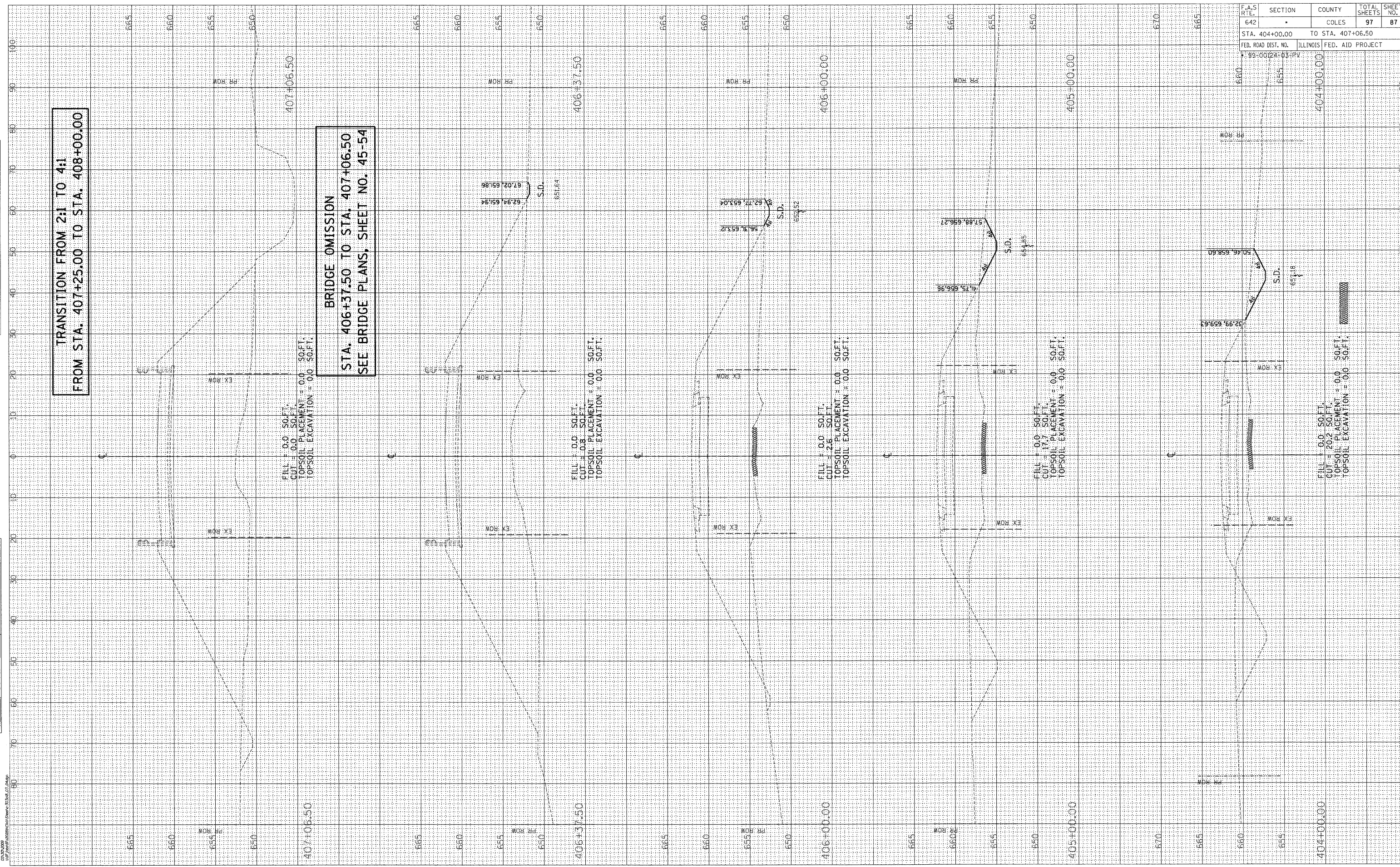


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 10/17/07 10:00 AM

F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	97	87
STA. 404+00.00		TO STA. 407+06.50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
F-99-00224-03-PV				

FINAL SURVEY	BY	DATE
SURVEYED		
NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
PLOTTED		
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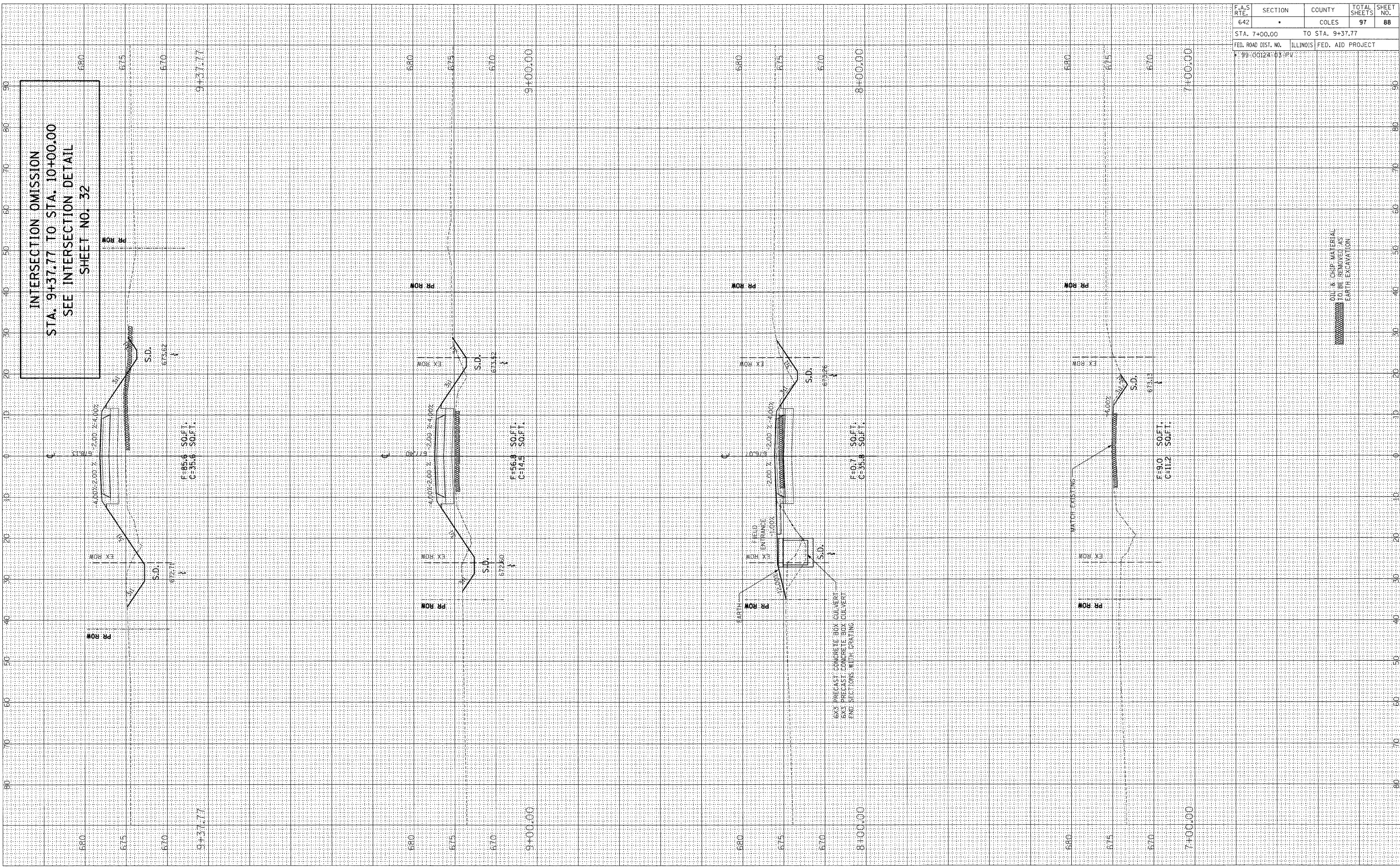


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	88
STA. 7+00.00		TO STA. 9+37.77		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
99-00124-03-PV				

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
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ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
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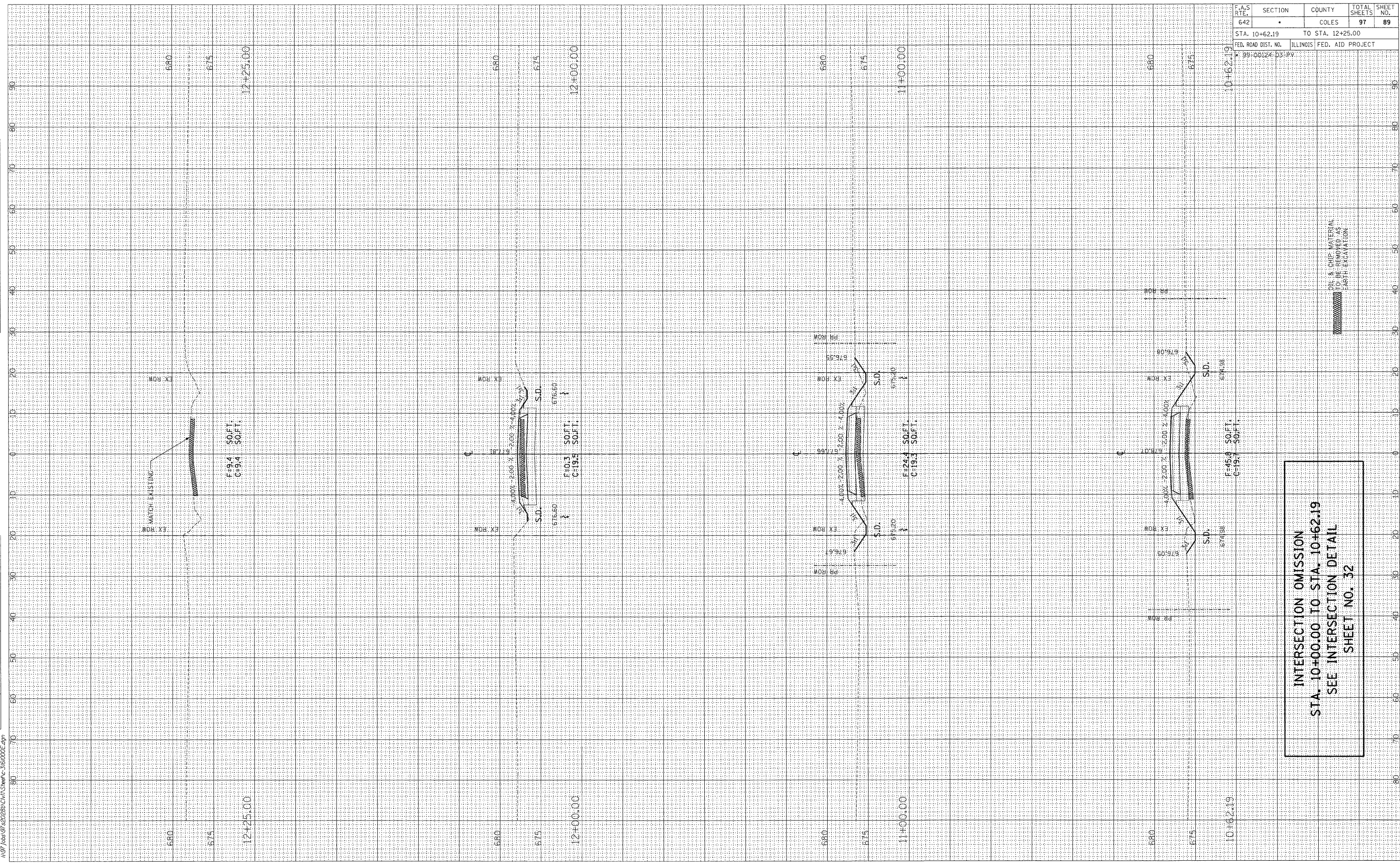
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	89
STA. 10+62.19		TO STA. 12+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
99-00224-D3-PV				

FINAL SURVEY	BY	DATE
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NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
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INTERSECTION OMISSION
 STA. 10+00.00 TO STA. 10+62.19
 SEE INTERSECTION DETAIL
 SHEET NO. 32

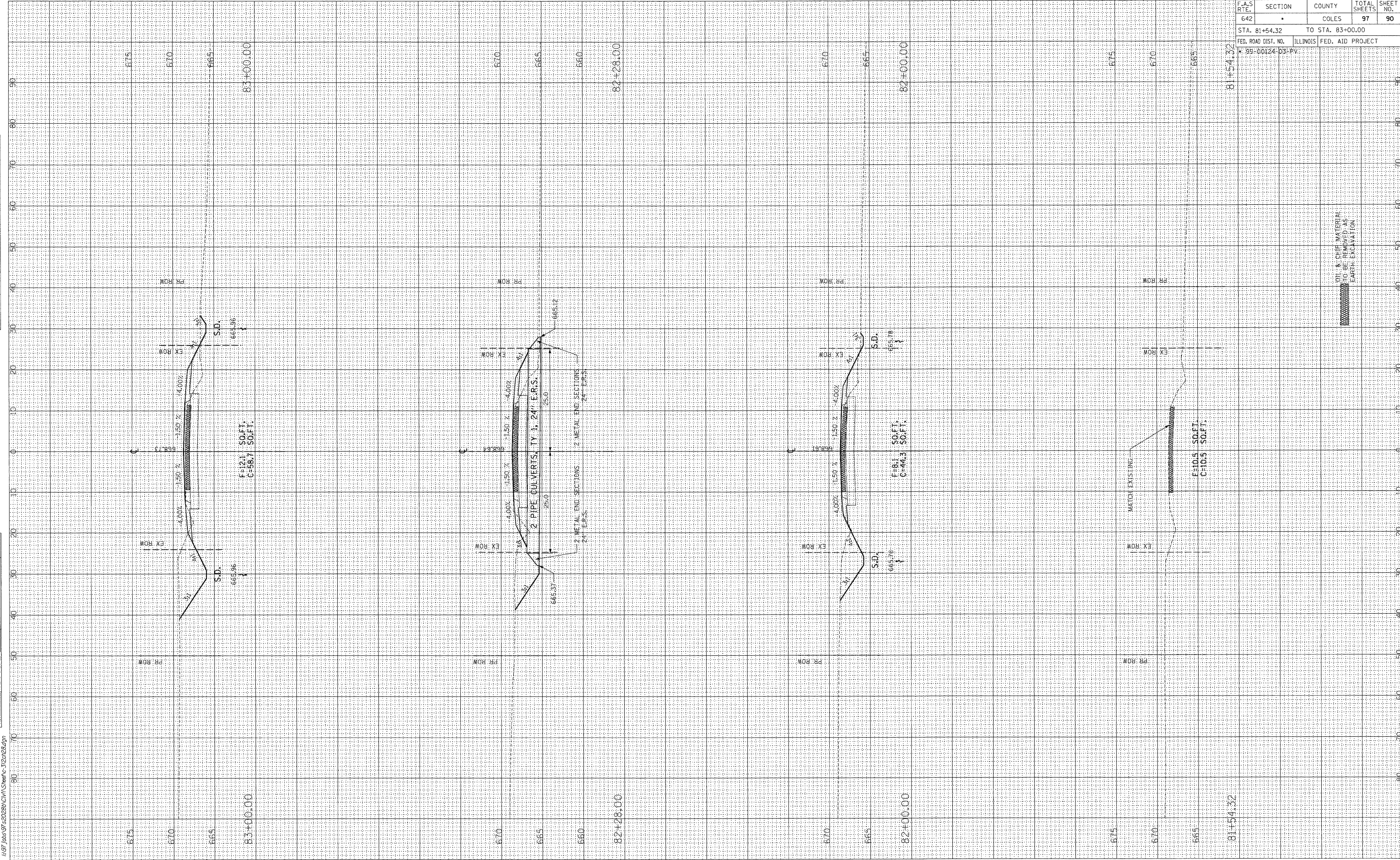
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	90
STA. 81+54.32		TO STA. 83+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* 99-00124-D3-PV				

FINAL SURVEY	BY	DATE
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ORIGINAL SURVEY	BY	DATE
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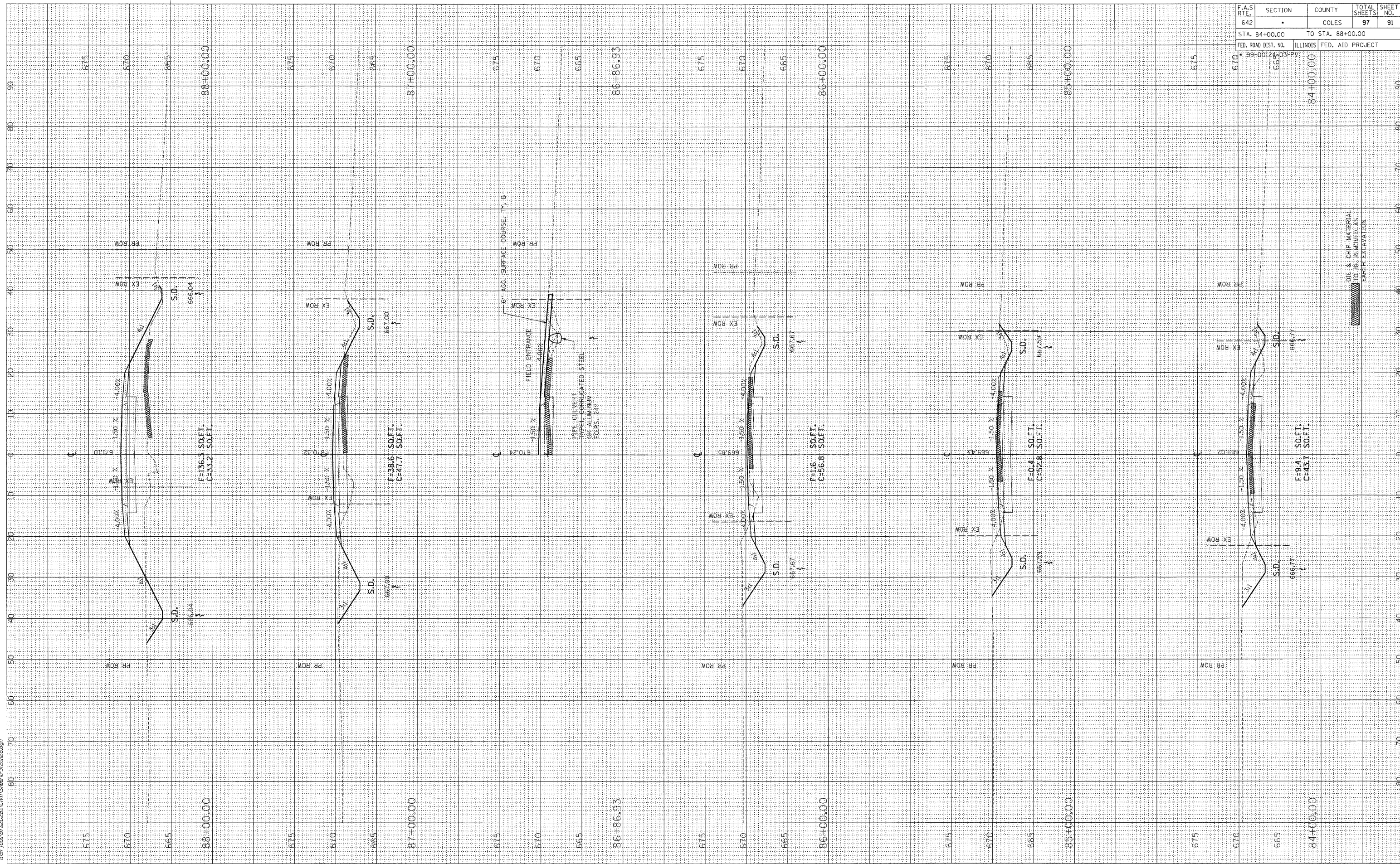
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NOTE BOOK	PLOTTED		
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ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	91

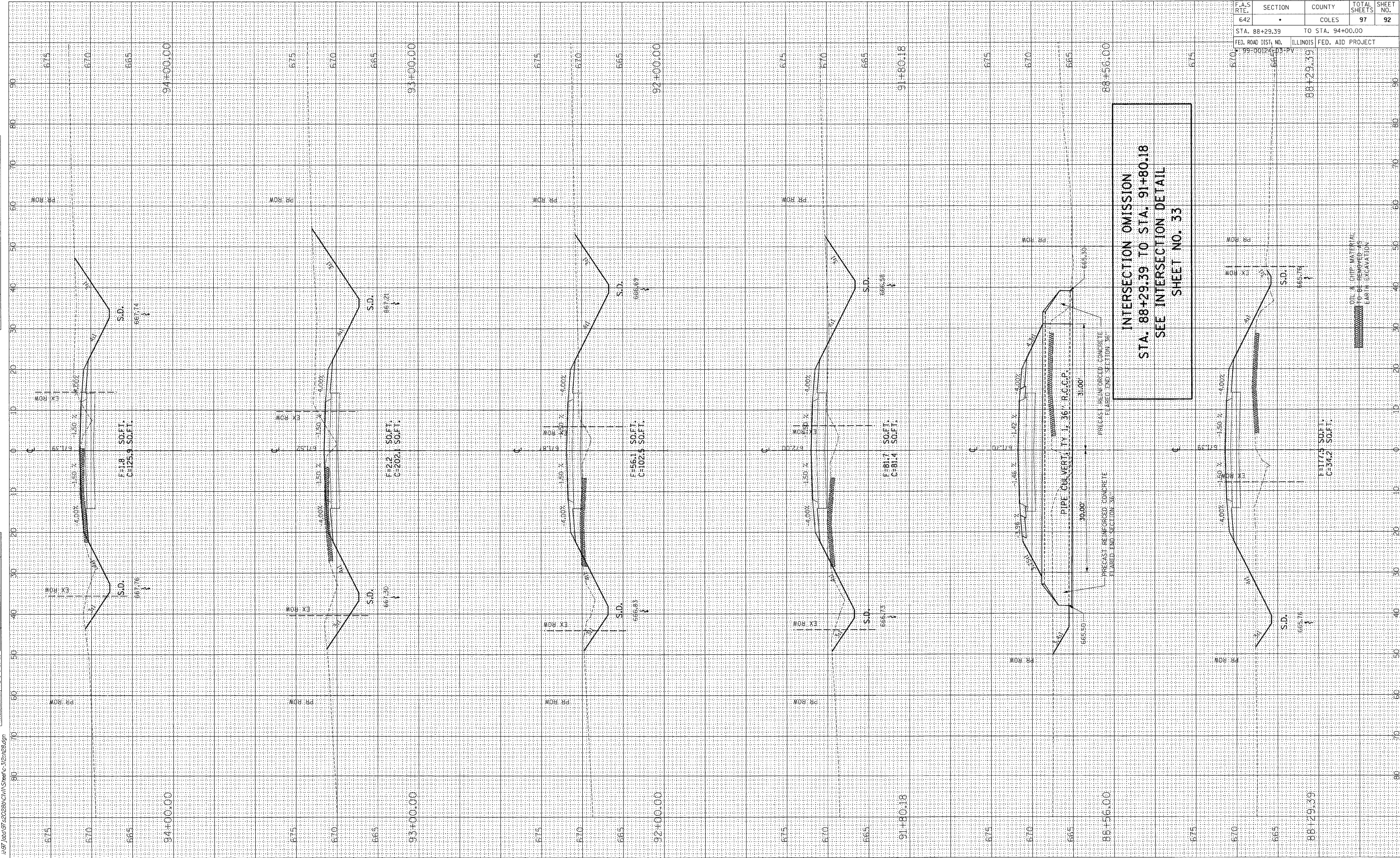
STA. 84+00.00 TO STA. 88+00.00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
SURVEYED		
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NOTE BOOK		
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ORIGINAL SURVEY	BY	DATE
SURVEYED		
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	92

STA. 88+29.39	TO STA. 94+00.00
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
99-00124	99-00124	

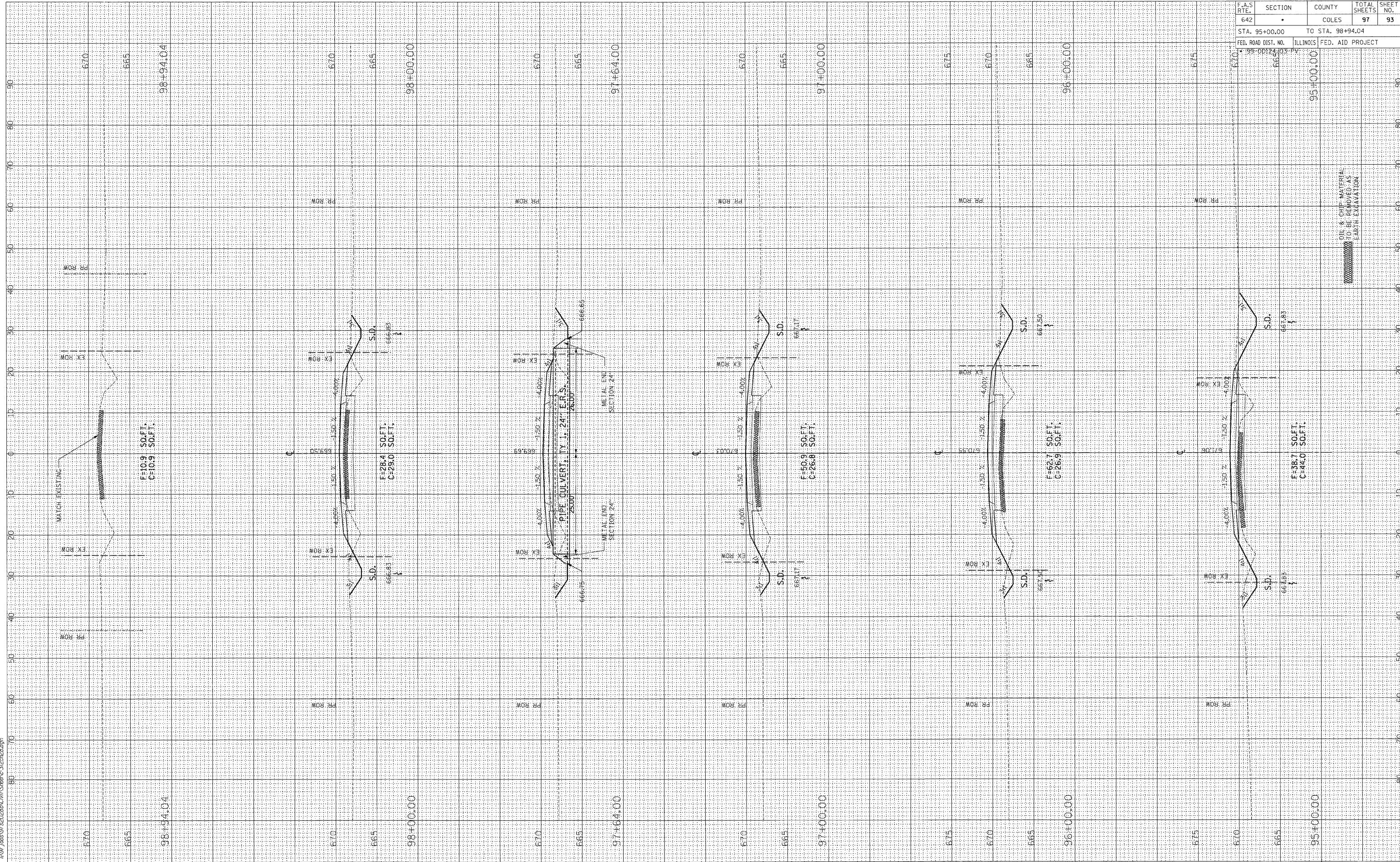
FINAL SURVEY	BY	DATE
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ORIGINAL SURVEY	BY	DATE
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03/30/2009

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	97	93

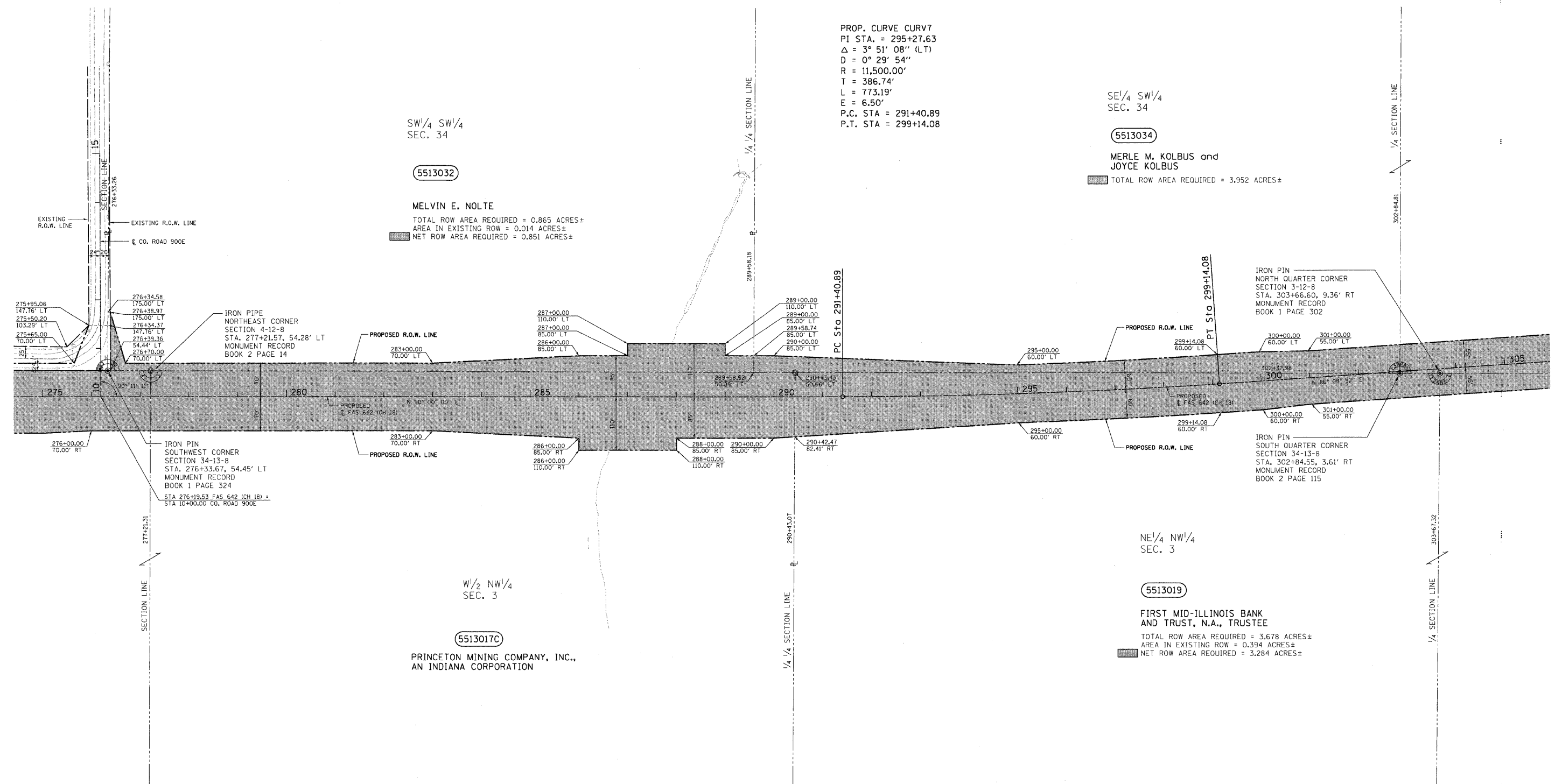
STA. 95+00.00 TO STA. 98+94.04

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

T.13N.-R.8E., 3rd P.M., HUMBOLDT TWP.



03A2009



PROP. CURVE CURV7
 PI STA. = 295+27.63
 $\Delta = 3^\circ 51' 08''$ (LT)
 $D = 0^\circ 29' 54''$
 $R = 11,500.00'$
 $T = 386.74'$
 $L = 773.19'$
 $E = 6.50'$
 P.C. STA = 291+40.89
 P.T. STA = 299+14.08

SW 1/4 SW 1/4
 SEC. 34

5513032

MELVIN E. NOLTE
 TOTAL ROW AREA REQUIRED = 0.865 ACRES±
 AREA IN EXISTING ROW = 0.014 ACRES±
 NET ROW AREA REQUIRED = 0.851 ACRES±

SE 1/4 SW 1/4
 SEC. 34

5513034

MERLE M. KOLBUS and
 JOYCE KOLBUS
 TOTAL ROW AREA REQUIRED = 3.952 ACRES±

IRON PIN
 SOUTHWEST CORNER
 SECTION 34-13-8
 STA. 276+33.67, 54.45' LT
 MONUMENT RECORD
 BOOK 1 PAGE 324
 STA 276+19.53 FAS 642 (CH 18) =
 STA 10+00.00 CO. ROAD 900E

IRON PIN
 NORTH QUARTER CORNER
 SECTION 3-12-8
 STA. 303+66.60, 9.36' RT
 MONUMENT RECORD
 BOOK 1 PAGE 302

IRON PIN
 SOUTH QUARTER CORNER
 SECTION 34-13-8
 STA. 302+84.55, 3.61' RT
 MONUMENT RECORD
 BOOK 2 PAGE 115

W 1/2 NW 1/4
 SEC. 3

5513017C

PRINCETON MINING COMPANY, INC.,
 AN INDIANA CORPORATION

NE 1/4 NW 1/4
 SEC. 3

5513019

FIRST MID-ILLINOIS BANK
 AND TRUST, N.A., TRUSTEE
 TOTAL ROW AREA REQUIRED = 3.678 ACRES±
 AREA IN EXISTING ROW = 0.394 ACRES±
 NET ROW AREA REQUIRED = 3.284 ACRES±

LEGEND
 ● - IRON PIN
 ○ - IRON PIPE

STATION	OFFSET	LABEL
276+18.10	-57.89	PIN
276+33.67	-54.45	PIN
277+21.57	-54.28	PIPE
290+43.43	-50.41	PIPE
302+84.55	3.61	PIN
303+66.60	9.36	PIN

NOTES:
 1. TEMPORARY EASEMENTS ARE REQUIRED FOR
 ENTRANCE CONSTRUCTION AND EARTHWORK.
 2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS
 STATE PLANE COORDINATE SYSTEM EAST ZONE
 DATUM OF 1983.

T.12N.-R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION		COUNTY OF COLES RIGHT OF WAY PLAN
DATE	DESCRIPTION	
		ROUTE F.A.S. 642 (CH 18)
		SECTION 99-00124-03-PV
		COUNTY COLES
		JOB# R-95-051-03
		SEC 3-12-8 & 34-13-8
		STA 275+00 TO STA 305+00
		DRAWN S.A.E. CHECKED D.E.H.
		SCALE: 1" = 100' SHEET NO. 94 OF 97

T.13N.-R.8E., 3rd P.M., HUMBOLDT TWP.



PROP. CURVE CURV8
 PI STA. = 310+46.42
 Δ = 3° 51' 08" (RT)
 D = 0° 29' 54"
 R = 11,500.00'
 T = 386.74'
 L = 773.19'
 E = 6.50'
 P.C. STA = 306+59.68
 P.T. STA = 314+32.87

PROP. CURVE CURV9
 PI STA. = 336+06.98
 Δ = 6° 05' 33" (RT)
 D = 0° 29' 54"
 R = 11,500.00'
 T = 612.01'
 L = 1,222.87'
 E = 16.27'
 P.C. STA = 329+94.97
 P.T. STA = 342+17.84

SW¹/₄ SE¹/₄
 SEC. 34

SE¹/₄ SE¹/₄
 SEC. 34

SW¹/₄ SW¹/₄
 SEC. 35

5513034

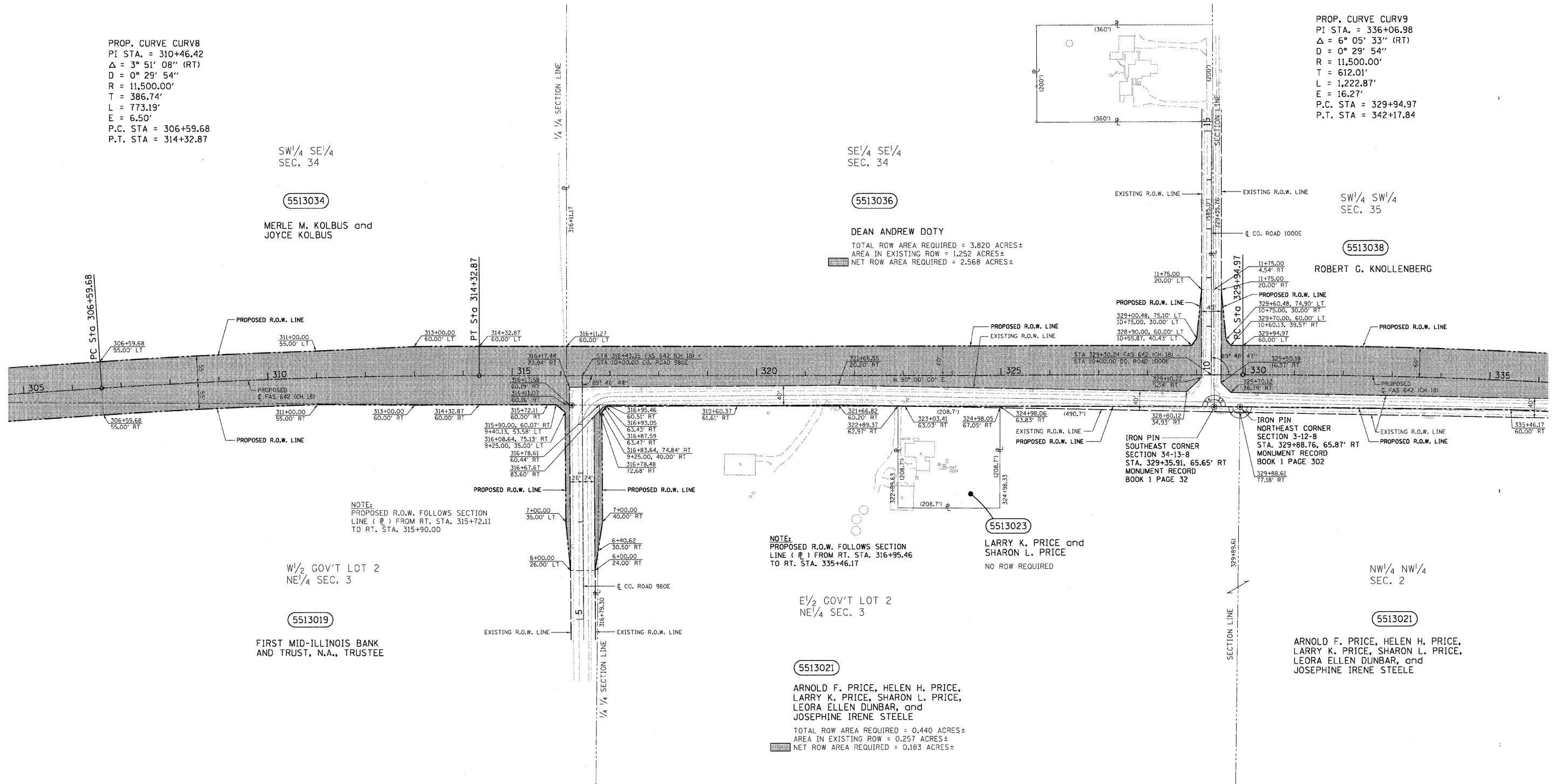
5513036

5513038

MERLE M. KOLBUS and
 JOYCE KOLBUS

DEAN ANDREW DOTY
 TOTAL ROW AREA REQUIRED = 3.820 ACRES±
 AREA IN EXISTING ROW = 1.252 ACRES±
 NET ROW AREA REQUIRED = 2.568 ACRES±

ROBERT G. KNOLLENBERG



NOTE:
 PROPOSED R.O.W. FOLLOWS SECTION
 LINE (R) FROM RT. STA. 315+72.11
 TO RT. STA. 315+90.00

NOTE:
 PROPOSED R.O.W. FOLLOWS SECTION
 LINE (R) FROM RT. STA. 316+95.46
 TO RT. STA. 335+46.17

W¹/₂ GOV'T LOT 2
 NE¹/₄ SEC. 3

E¹/₂ GOV'T LOT 2
 NE¹/₄ SEC. 3

5513019

5513023

LARRY K. PRICE and
 SHARON L. PRICE
 NO ROW REQUIRED

NW¹/₄ NW¹/₄
 SEC. 2

5513021

ARNOLD F. PRICE, HELEN H. PRICE,
 LARRY K. PRICE, SHARON L. PRICE,
 LEORA ELLEN DUNBAR, and
 JOSEPHINE IRENE STEELE

FIRST MID-ILLINOIS BANK
 AND TRUST, N.A., TRUSTEE

5513021

ARNOLD F. PRICE, HELEN H. PRICE,
 LARRY K. PRICE, SHARON L. PRICE,
 LEORA ELLEN DUNBAR, and
 JOSEPHINE IRENE STEELE
 TOTAL ROW AREA REQUIRED = 0.440 ACRES±
 AREA IN EXISTING ROW = 0.257 ACRES±
 NET ROW AREA REQUIRED = 0.183 ACRES±

LEGEND
 ● - IRON PIN
 (R) - RECORDED DISTANCE

NOTES:
 1. TEMPORARY EASEMENTS ARE REQUIRED FOR
 ENTRANCE CONSTRUCTION AND EARTHWORK.
 2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS
 STATE PLANE COORDINATE SYSTEM EAST ZONE
 DATUM OF 1983.

STATION	OFFSET	LABEL
316+22.07	60.75	PIN
329+35.91	65.65	PIN
329+88.76	65.87	PIN

T.12N.-R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION		COUNTY OF COLES RIGHT OF WAY PLAN
DATE	DESCRIPTION	
		ROUTE F.A.S. 642 (CH 18)
		SECTION 99-00124-03-PV
		COUNTY COLES
		JOB# R-95-051-03
		SEC 2-12-8, 3-12-8, 34-13-8 & 35-13-8
		STA 305+00 TO STA 335+00
		DRAWN S.A.E. CHECKED D.E.H.
		SCALE: 1" = 100' SHEET NO. 95 OF 97

T.13N.-R.8E., 3rd P.M., HUMBOLDT TWP.



PROP. CURVE CURV10
 PI STA. = 352+69.47
 $\Delta = 7^\circ 49' 37''$ (LT)
 $D = 0^\circ 29' 54''$
 $R = 11,500.00'$
 $T = 786.70'$
 $L = 1,570.96'$
 $E = 26.88'$
 P.C. STA = 344+82.76
 P.T. STA = 360+53.72

SW¹/₄ SW¹/₄
SEC. 35

SE¹/₄ SW¹/₄
SEC. 35

SW¹/₄ SE¹/₄
SEC. 35

5513038

ROBERT G. KNOLLENBERG
 TOTAL ROW AREA REQUIRED = 3.452 ACRES±
 AREA IN EXISTING ROW = 0.809 ACRES±
 NET ROW AREA REQUIRED = 2.643 ACRES±

5513040

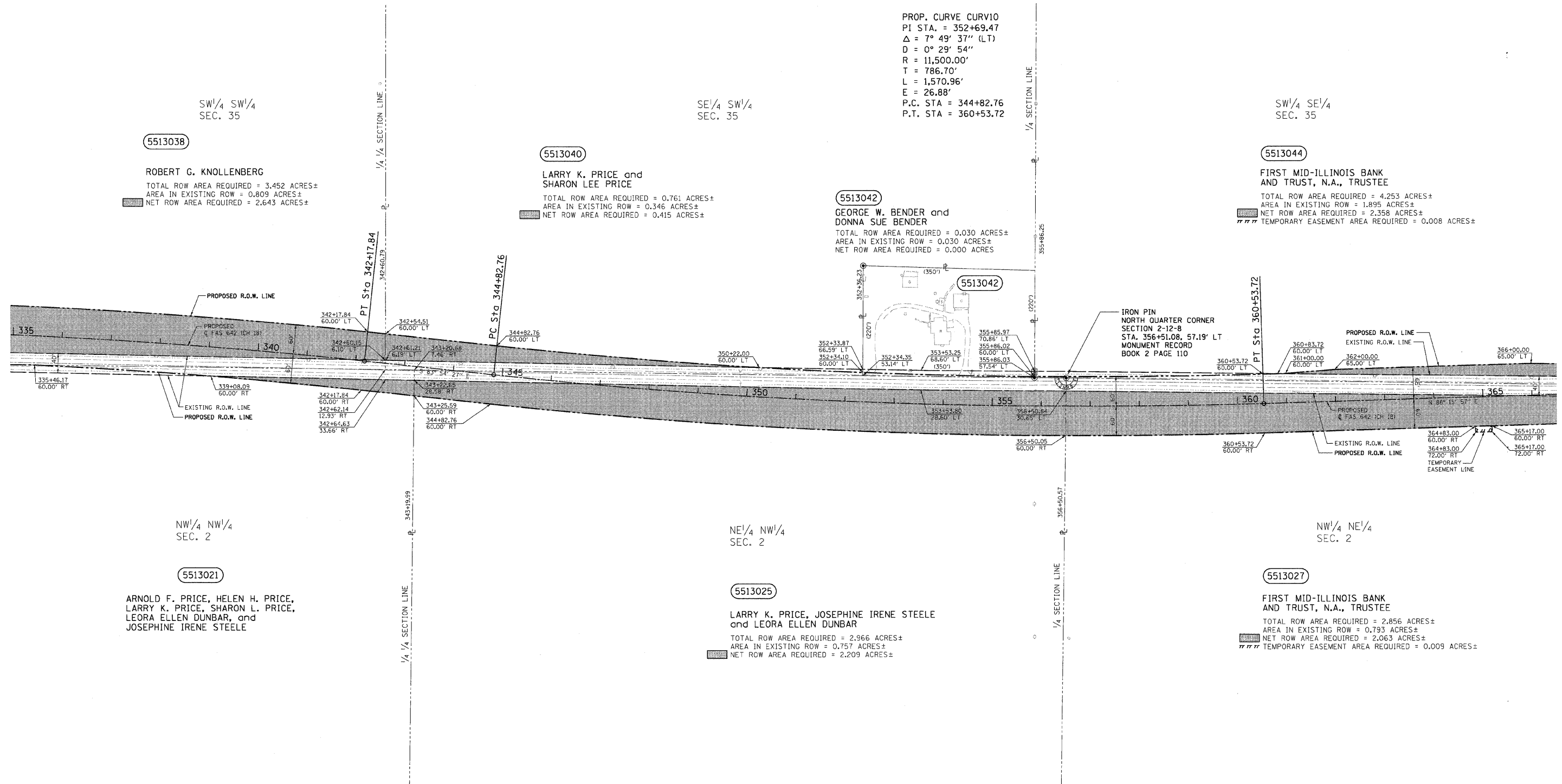
LARRY K. PRICE and
 SHARON LEE PRICE
 TOTAL ROW AREA REQUIRED = 0.761 ACRES±
 AREA IN EXISTING ROW = 0.346 ACRES±
 NET ROW AREA REQUIRED = 0.415 ACRES±

5513042

GEORGE W. BENDER and
 DONNA SUE BENDER
 TOTAL ROW AREA REQUIRED = 0.030 ACRES±
 AREA IN EXISTING ROW = 0.030 ACRES±
 NET ROW AREA REQUIRED = 0.000 ACRES±

5513044

FIRST MID-ILLINOIS BANK
 AND TRUST, N.A., TRUSTEE
 TOTAL ROW AREA REQUIRED = 4.253 ACRES±
 AREA IN EXISTING ROW = 1.895 ACRES±
 NET ROW AREA REQUIRED = 2.358 ACRES±
 TEMPORARY EASEMENT AREA REQUIRED = 0.008 ACRES±



NW¹/₄ NW¹/₄
SEC. 2

NE¹/₄ NW¹/₄
SEC. 2

NW¹/₄ NE¹/₄
SEC. 2

5513021

ARNOLD F. PRICE, HELEN H. PRICE,
 LARRY K. PRICE, SHARON L. PRICE,
 LEORA ELLEN DUNBAR, and
 JOSEPHINE IRENE STEELE

5513025

LARRY K. PRICE, JOSEPHINE IRENE STEELE
 and LEORA ELLEN DUNBAR
 TOTAL ROW AREA REQUIRED = 2.966 ACRES±
 AREA IN EXISTING ROW = 0.757 ACRES±
 NET ROW AREA REQUIRED = 2.209 ACRES±

5513027

FIRST MID-ILLINOIS BANK
 AND TRUST, N.A., TRUSTEE
 TOTAL ROW AREA REQUIRED = 2.856 ACRES±
 AREA IN EXISTING ROW = 0.793 ACRES±
 NET ROW AREA REQUIRED = 2.063 ACRES±
 TEMPORARY EASEMENT AREA REQUIRED = 0.009 ACRES±

LEGEND
 ● - IRON PIN
 ⊠ - AXLE
 (R) - RECORDED DISTANCE

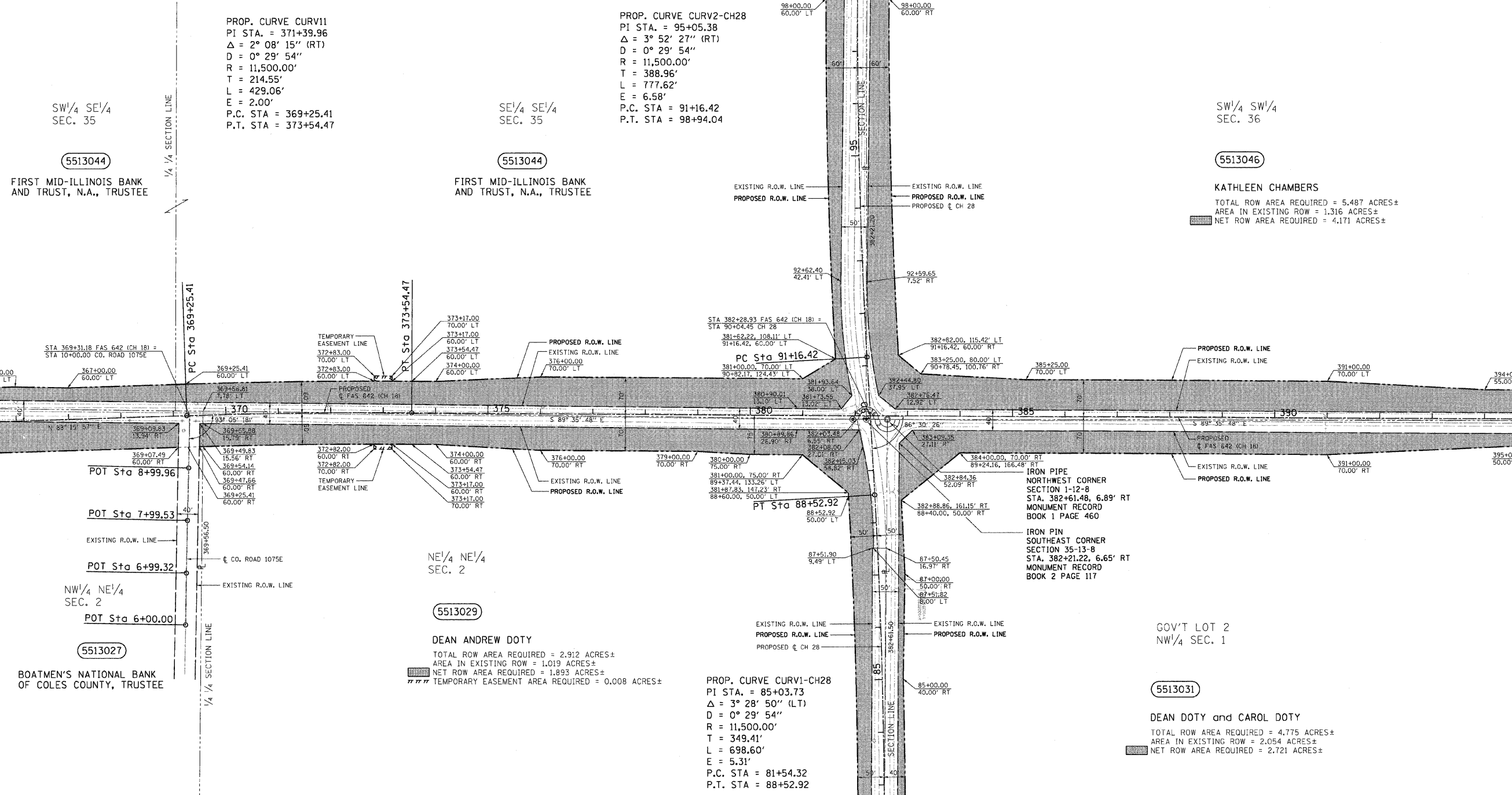
NOTES:
 1. TEMPORARY EASEMENTS ARE REQUIRED FOR
 ENTRANCE CONSTRUCTION AND EARTHWORK.
 2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS
 STATE PLANE COORDINATE SYSTEM EAST ZONE
 DATUM OF 1983.

STATION	OFFSET	LABEL
355+86.03	-57.54	PIN
355+86.12	-69.69	AXLE
356+51.08	-57.19	PIN

T.12N.-R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION		COUNTY OF COLES RIGHT OF WAY PLAN
DATE	DESCRIPTION	
4-27-04	OWNER 5513027	ROUTE F.A.S. 642 (CH 18) SECTION 99-00124-03-PV COUNTY COLES JOB# R-95-051-03 SEC 2-12-8 & 35-13-8 STA 335+00 TO STA 366+00 DRAWN S.A.E. CHECKED D.E.H. SCALE: 1" = 100' SHEET NO. 96 OF 97

T.13N.-R.8E., 3rd P.M., HUMBOLDT TWP.



PROP. CURVE CURV1
 PI STA. = 371+39.96
 $\Delta = 2^\circ 08' 15''$ (RT)
 D = 0° 29' 54"
 R = 11,500.00'
 T = 214.55'
 L = 429.06'
 E = 2.00'
 P.C. STA = 369+25.41
 P.T. STA = 373+54.47

PROP. CURVE CURV2-CH28
 PI STA. = 95+05.38
 $\Delta = 3^\circ 52' 27''$ (RT)
 D = 0° 29' 54"
 R = 11,500.00'
 T = 388.96'
 L = 777.62'
 E = 6.58'
 P.C. STA = 91+16.42
 P.T. STA = 98+94.04

SW $\frac{1}{4}$ SW $\frac{1}{4}$
 SEC. 36

SW $\frac{1}{4}$ SE $\frac{1}{4}$
 SEC. 35

SE $\frac{1}{4}$ SE $\frac{1}{4}$
 SEC. 35

5513044
 FIRST MID-ILLINOIS BANK
 AND TRUST, N.A., TRUSTEE

5513044
 FIRST MID-ILLINOIS BANK
 AND TRUST, N.A., TRUSTEE

5513046
 KATHLEEN CHAMBERS
 TOTAL ROW AREA REQUIRED = 5.487 ACRES±
 AREA IN EXISTING ROW = 1.316 ACRES±
 NET ROW AREA REQUIRED = 4.171 ACRES±

NW $\frac{1}{4}$ NE $\frac{1}{4}$
 SEC. 2

NE $\frac{1}{4}$ NE $\frac{1}{4}$
 SEC. 2

5513027
 BOATMEN'S NATIONAL BANK
 OF COLES COUNTY, TRUSTEE

5513029
 DEAN ANDREW DOTY
 TOTAL ROW AREA REQUIRED = 2.912 ACRES±
 AREA IN EXISTING ROW = 1.019 ACRES±
 NET ROW AREA REQUIRED = 1.893 ACRES±
 TEMPORARY EASEMENT AREA REQUIRED = 0.008 ACRES±

GOV'T LOT 2
 NW $\frac{1}{4}$ SEC. 1

5513031
 DEAN DOTY and CAROL DOTY
 TOTAL ROW AREA REQUIRED = 4.775 ACRES±
 AREA IN EXISTING ROW = 2.054 ACRES±
 NET ROW AREA REQUIRED = 2.721 ACRES±

PROP. CURVE CURV1-CH28
 PI STA. = 85+03.73
 $\Delta = 3^\circ 28' 50''$ (LT)
 D = 0° 29' 54"
 R = 11,500.00'
 T = 349.41'
 L = 698.60'
 E = 5.31'
 P.C. STA = 81+54.32
 P.T. STA = 88+52.92

STATION	OFFSET	LABEL
381+95.54	6.96	PIN
382+21.22	6.65	PIN
382+61.48	6.89	PIPE

- LEGEND
- - IRON PIN
 - - IRON PIPE

NOTES:
 1. TEMPORARY EASEMENTS ARE REQUIRED FOR ENTRANCE CONSTRUCTION AND EARTHWORK.
 2. ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE DATUM OF 1983.

T.12N.-R.8E., 3rd P.M., LAFAYETTE TWP.

REVISION		COUNTY OF COLES RIGHT OF WAY PLAN
DATE	DESCRIPTION	
1-26-05	ROW/AREA P-031	ROUTE F.A.S. 642 (CH 18) SECTION 99-00124-03-PV COUNTY COLES JOB# R-95-051-03 SEC 1-12-8, 2-12-8, 35-13-8 & 36-13-8 STA 366+00 TO STA 396+00 DRAWN S.A.E. CHECKED D.E.H. SCALE: 1" = 100' SHEET NO. 97 OF 97