

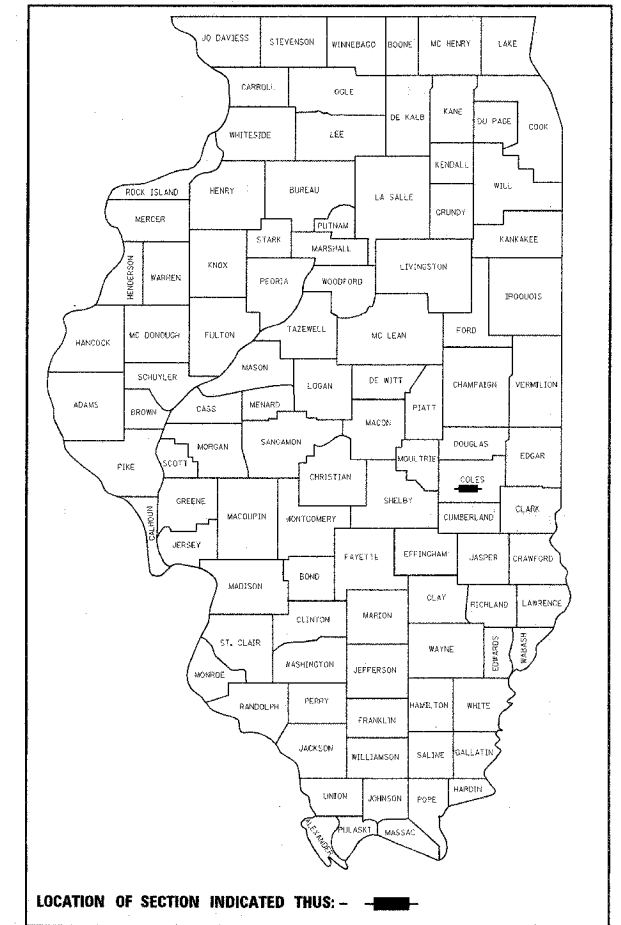
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	(234)	1
			D-95-025-97	229 + 5

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 642 (C.H. 18)
SECTION 15-23K (STATE)
SECTION 99-00124-02-PV (LOCAL ROADS)
HPD-1037(003)

**INTERCHANGE
PROJECT C.H. 18 IMPROVEMENTS
COLES COUNTY
C-95-030-98**



UTILITY NOTES

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. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES, REMAIN THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

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.

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

HUMBOLDT TOWNSHIP
LAFAYETTE TOWNSHIP

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF STANDARDS, SEE SHEET NO. 2
FOR GENERAL NOTES, SEE SHEET NO. 13

NOTE: SEAL ONLY APPLIES TO THE RIGHT OF WAY PLANS

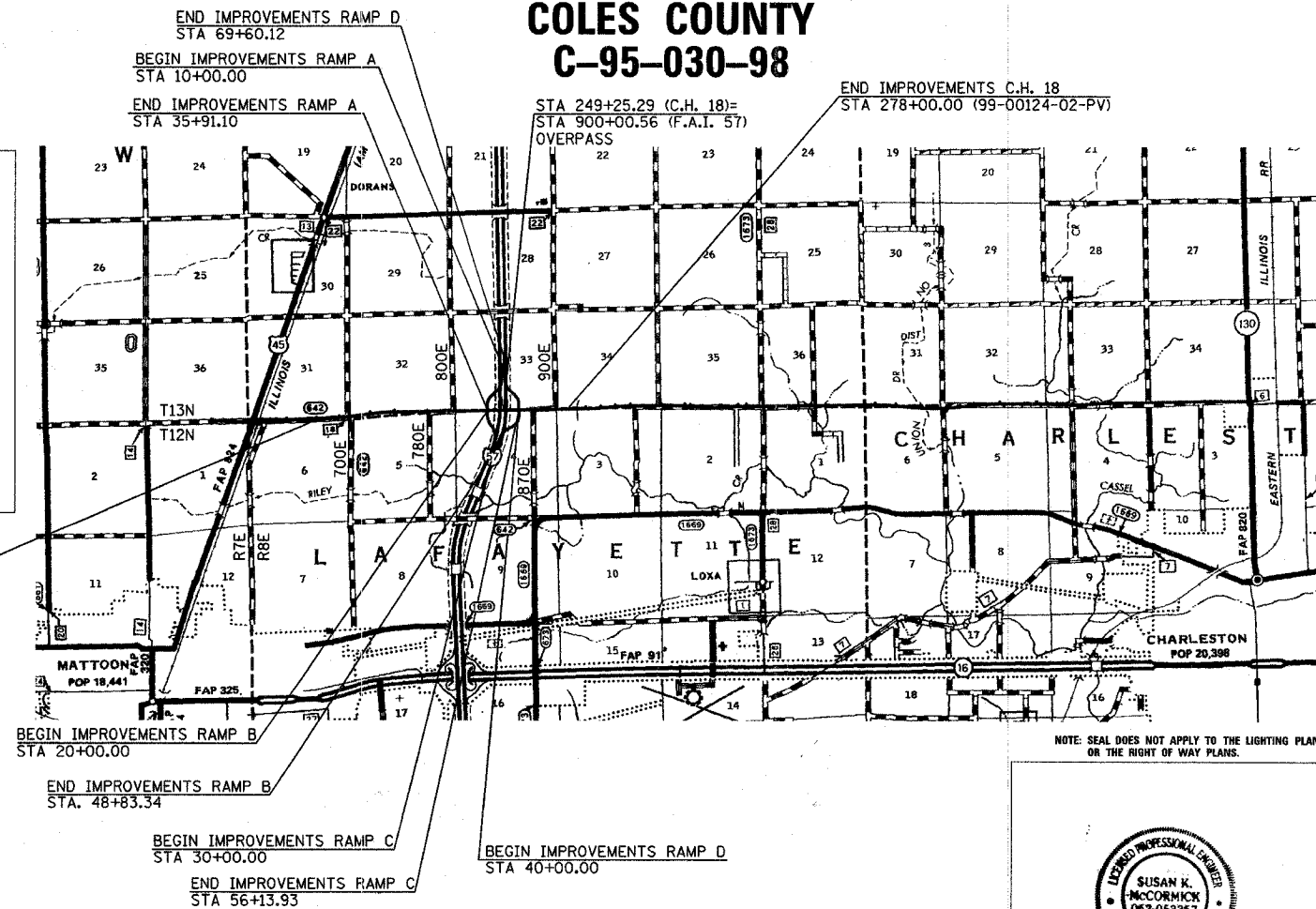
NOTE: SEAL ONLY APPLIES TO THE LIGHTING PLANS



SIGNATURE: *Daniel E. Hoelscher*
DATE SIGNED: July 14, 2005
LIC. EXP. DATE: Nov. 30, 2006



SIGNATURE: *Joseph P. Tillman*
DATE SIGNED: July 18, 2005
LIC. EXP. DATE: Nov. 30, 2005

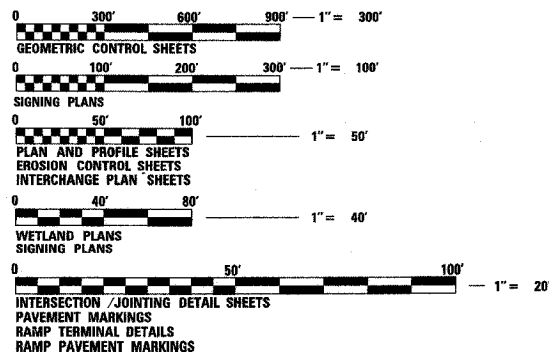


NOTE: SEAL DOES NOT APPLY TO THE LIGHTING PLANS, OR THE RIGHT OF WAY PLANS.



SIGNATURE: *Susan K. McCormick*
DATE SIGNED: July 14, 2005
LIC. EXP. DATE: Nov. 30, 2005

CONTRACT # 91353



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
ARTERIAL DESIGN SPEED = 60 mph
GROSS LENGTH OF PROJECT = 2.12 mi. (11,193.6 FT)
NET LENGTH OF PROJECT = 2.12 mi. (11,193.6 FT)

APPROVED July 25 2005
Fredrick J. Shaw
COUNTY ENGINEER

PASSED 9/13 2005
Donna K. Smith
DISTRICT FIVE ENGINEER OF LOCAL ROADS & STREETS
Releasing For Bid Based on Limited Review 8/27/05 2005
Joseph P. Tillman
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



DESIGNED BY: SUSAN MCCORMICK - 207-789-2450
LAYOUT: D.P. 12/26/03
DRAWN: D.P. 12/26/03
REVIEWED: SKM 01/29/04

INDEX OF SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	2

D-95-025-97

LIST OF ILLINOIS DOT HIGHWAY STANDARDS (IN PROPOSAL BOOKLET)

1	COVER SHEET				
2	INDEX OF SHEETS & HIGHWAY STANDARDS				
3	EXISTING TYPICAL SECTIONS				
4-12	PROPOSED TYPICAL SECTIONS				
13	GENERAL NOTES	000001	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	630001	STEEL PLATE BEAM GUARDRAIL
14-17	SUMMARY OF QUANTITIES	001001	AREAS OF REINFORCEMENT REBARS	630301	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
18-21	SCHEDULE OF QUANTITIES	001006	DECIMAL OF AN INCH AND OF A FOOT	631011	TRAFFIC BARRIER TERMINAL TYPE 2
22	SIGNING PLAN SCHEDULE	280001	TEMPORARY EROSION CONTROL SYSTEMS	631031	TRAFFIC BARRIER TERMINAL TYPE 6
23-26	DRAINAGE SCHEDULE AND DETAILS	420001	PAVEMENT JOINTS	635001	DELINEATORS
27-28	GEOMETRIC CONTROL	420101	24' JOINTED PCC PAVEMENT	635006	REFLECTOR AND TERMINAL MARKER PLACEMENT
29-36	CROSS TIES AND BENCHMARKS	420206	ENTRANCE RAMP TERMINAL	635011	REFLECTOR MARKER AND MOUNTING DETAILS
37-43	PLAN AND PROFILE SHEETS - PROPOSED C.H. 18	420306	EXIT RAMP TERMINAL	665001	WOVEN WIRE FENCE
44-45	PLAN AND PROFILE SHEETS - 700E	420401	BRIDGE APPROACH PAVEMENT	666001	RIGHT OF WAY MARKERS
46	PLAN AND PROFILE SHEETS - 780E	482001	BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT	667101	PERMANENT SURVEY MARKERS
47	PLAN AND PROFILE SHEETS - 800E	482006	BITUMINOUS SHOULDER ADJACENT TO RIGID PAVEMENT	701001	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
48	PLAN AND PROFILE SHEETS - 870E	483001	PCC SHOULDER	701006	OFF -RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
49	PLAN AND PROFILE SHEETS - 900E	542301	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	701101	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
50-53	INTERCHANGE PLAN - RAMPS A, B, C, D	542311	GRATING FOR CONCRETE FLARED END SECTION 24" THRU 54" PIPE	701106	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
54-57	RAMP PROFILES	542401	METAL END SECTIONS FOR PIPE CULVERTS	701400	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
58-65	RAMP TERMINAL DETAILS	542406	METAL END SECTIONS FOR PIPE ARCHES	701401	LANE CLOSURE MULTILANE FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
66-67	JOINTING DETAILS - RAMPS A/B WITH C.H. 18, RAMPS C/D WITH C.H. 18	601001	SUB-SURFACE DRAINS	701406	LANE CLOSURE MULTILANE DAY OPERATIONS ONLY FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
68-69	INTERSECTION DETAILS - RAMPS A/B WITH C.H. 18, RAMPS C/D WITH C.H. 18	601101	CONCRETE HEADWALL FOR PIPE DRAIN	702001	TRAFFIC CONTROL DEVICES
70-72	MEDIAN DETAILS / PAVEMENT MARKINGS	602301	INLET, TYPE A	720001	SIGN PANEL MOUNTING DETAILS
73-76	PAVEMENT MARKINGS - INTERCHANGE RAMPS	602306	INLET, TYPE B	720006	SIGN PANEL ERECTION DETAILS
77	INTERSECTION DETAILS - 780E, 800E, 870E, 900E	602401	MANHOLE TYPE A	720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
78	INTERSECTION / JOINTING DETAIL - 700E	602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP	720021	SIGN PANELS, EXTRUDED ALUMINUM TYPE
79-80	INTERCHANGE LIGHTING PLANS AND DETAILS	604001	FRAME AND LIDS TYPE 1	729001	APPLICATION OF TYPE A AND B METAL POSTS (FOR SIGNS AND MARKERS)
81-89	SIGNING PLANS AND DETAILS	604061	FRAME AND GRATE, TYPE 12	780001	TYPICAL PAVEMENT MARKINGS
90	DETOUR PLAN	606001	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER	781001	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
91-108	EROSION CONTROL PLAN	606006	OUTLETS FOR CONCRETE CURB & GUTTER B-15.60 (B-6.24)	B.L.R. 17	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
109-112	WETLAND COMPENSATION PLAN	606301	PC CONCRETE ISLANDS AND MEDIANS	B.L.R. 22	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL LOCAL TRAFFIC)
113	ENTRANCE DETAILS	606306	CORRUGATED PC CONCRETE MEDIANS		ROAD CLOSED TO THROUGH TRAFFIC)
114-115	BOX CULVERT DETAILS	606401	PAVED DITCH		
116	MISCELLANEOUS DETAILS	609006	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)		
116 A	IMPACT ATTENUATOR DETAIL	610001	SHOULDER INLET WITH CURB		
117	SURVEY MARKER DETAILS				
118	FIELD TILE DETAIL				
119-134	BRIDGE PLANS				
135-136	BOX CULVERT EXTENSION PLANS				
137-174	CROSS SECTIONS - PROPOSED C.H. 18				
175-180	CROSS SECTIONS - RAMP A				
181-186	CROSS SECTIONS - RAMP B				
187-195	CROSS SECTIONS - RAMP C				
196-212	CROSS SECTIONS - RAMP D				
213-216	CROSS SECTIONS - 700E				
217	CROSS SECTIONS - 780E				
218	CROSS SECTIONS - 800E				
219-221	CROSS SECTIONS - 870E				
222	CROSS SECTIONS - 900E				
223-229	R.O.W. PLANS				

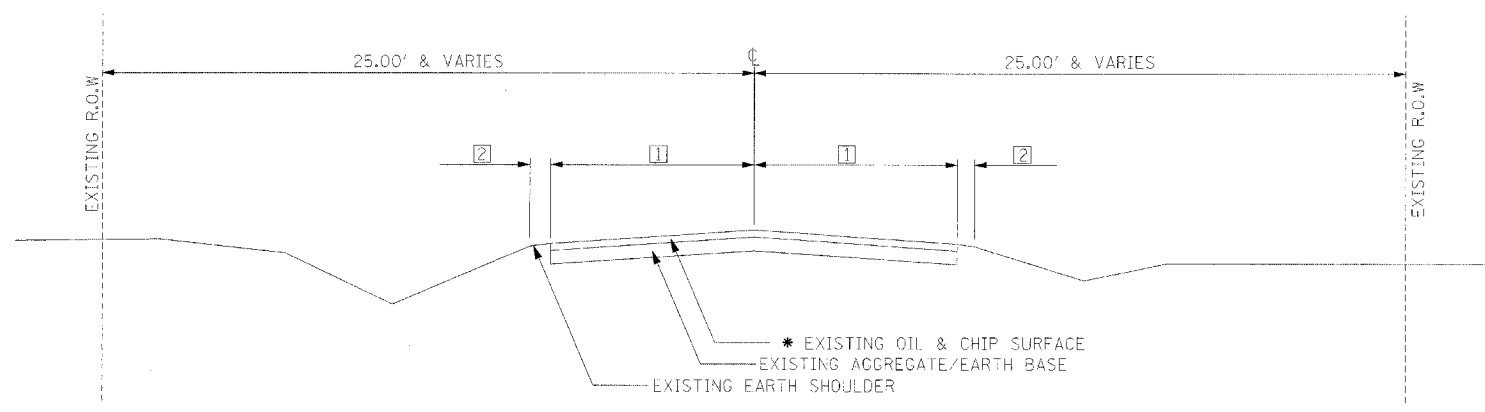
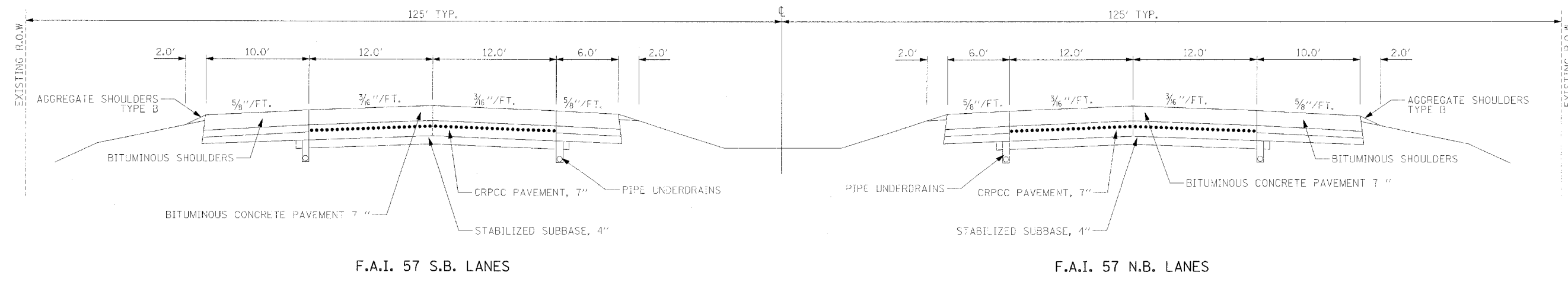
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		INDEX OF SHEETS & HIGHWAY STD.	
		FAI-57, FAS 642	
		SEC NO. 15-23K, 99-00124-02-PV	
		COLES COUNTY, ILLINOIS	
		SCALE: VERT.	DRAWN BY DJP
		HORIZ.	CHECKED BY SKM
		DATE 07/13/2005	

07/13/2005
 159/0065 SR-020289/CH/1/Sheet 2-002.dwg
 LAYOUT: JWP/SJM/12/25/03
 DRAWN: LJP 12/26/03
 REVIEWED: SKM 01/09/04



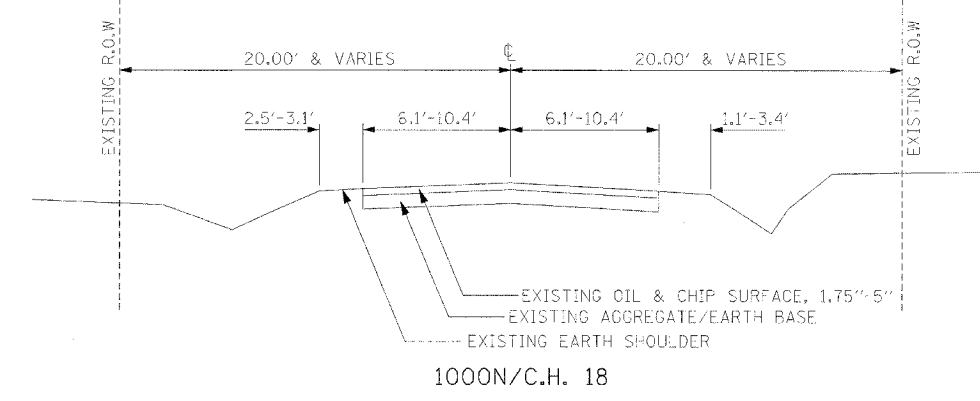
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TOWNSHIP ROADS :

700E	-	1	VARIES 11.2' - 11.5'
		2	VARIES 1.2' - 1.5'
		*	1.5"-4.5"
780E	-	1	11.3'
		2	VARIES 1.7' - 2.4'
		*	3"
800E	-	1	8.5'
		2	0.0'
		*	4.5"
870E	-	1	6.3'
		2	VARIES 3.4' - 4.7'
		*	2.5"
900E	-	1	10.2'
		2	VARIES 0.0' - 3.2'
		*	4.5"



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

REVISIONS	
NAME	DATE

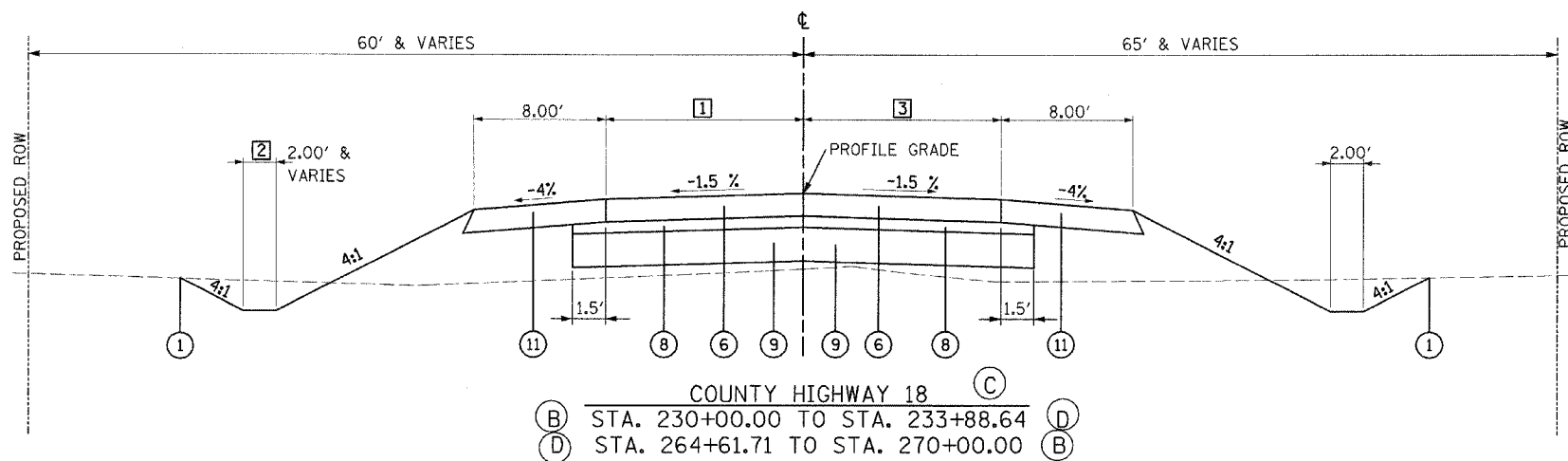
ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TYPICAL SECTIONS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DATE 07/13/2005
DRAWN BY DJP
CHECKED BY SKM

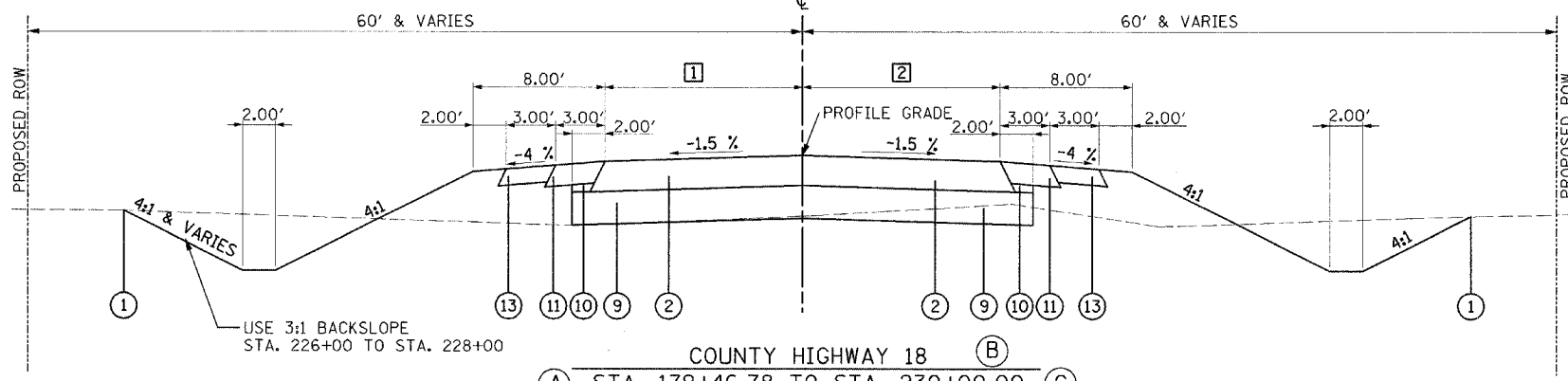


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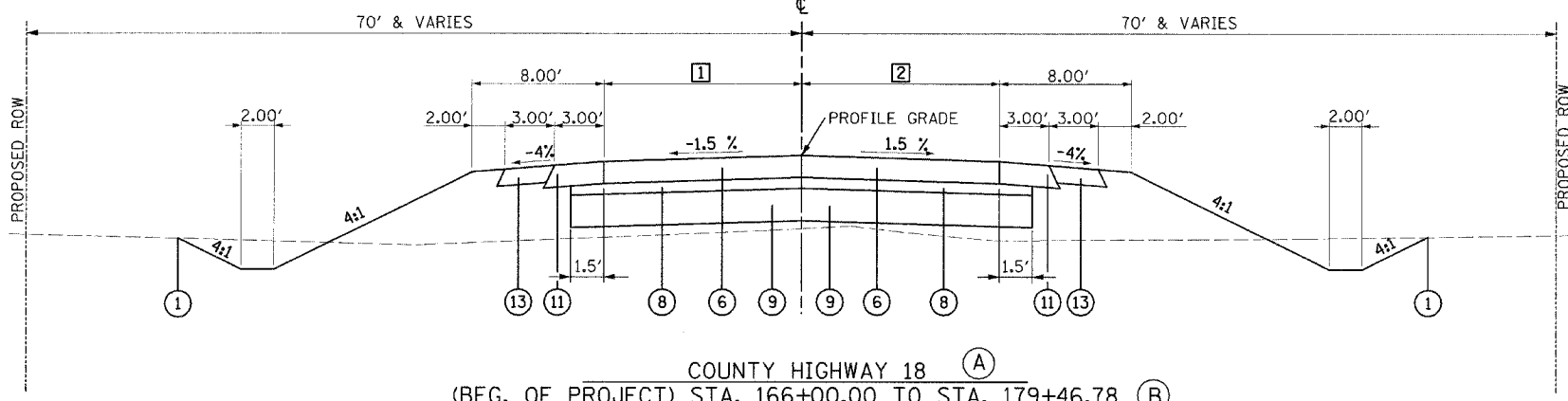
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- COUNTY HIGHWAY 18**
- (B) STA. 230+00.00 TO STA. 233+88.64 (D)
 (D) STA. 264+61.71 TO STA. 270+00.00 (B)
- 1 STA. 230+00.00 TO STA. 230+36.21 = 12.00'
 STA. 230+36.21 TO STA. 232+89.90 = TRANSITION FROM 12.00' TO 15.50'
 STA. 232+89.90 TO STA. 233+88.64 = TRANSITION FROM 15.50' TO 17.98'
- 2 STA. 230+00.00 TO STA. 233+88.64 = 2.00'
 STA. 264+61.71 TO STA. 265+00.00 = 4.00'
 STA. 265+00.00 TO STA. 270+00.00 = 2.00'
- 3 STA. 230+00.00 TO STA. 232+59.61 = 12.00'
 STA. 232+59.61 TO STA. 233+88.64 = TRANSITION FROM 12.00' TO 12.99'
- STA. 264+61.71 TO STA. 264+89.80 = TRANSITION FROM 17.98' TO 17.32'
 STA. 264+89.80 TO STA. 266+07.87 = SEE INTERSECTION DETAIL FOR 870E, SHEET NO. 77
 AND SEE MEDIAN DETAIL, SHEET NO. 70
 STA. 266+07.87 TO STA. 268+14.14 = TRANSITION FROM 14.31' TO 12.00'
 STA. 268+14.14 TO STA. 270+00.00 = 12.00'



- COUNTY HIGHWAY 18**
- (A) STA. 179+46.78 TO STA. 230+00.00 (C)
 (C) STA. 270+00.00 TO STA. 278+00.00 (END OF PROJECT)
- 1 STA. 179+46.78 TO STA. 223+89.22 = 12.00'
 STA. 223+89.22 TO STA. 225+07.23 = SEE INTERSECTION DETAIL FOR 800E, SHEET NO. 77
- 2 STA. 179+46.78 TO STA. 210+88.67 = 12.00'
 STA. 210+88.67 TO STA. 212+10.69 = SEE INTERSECTION DETAIL FOR 780E, SHEET NO. 77
 STA. 212+10.69 TO STA. 230+00.00 = 12.00'
- STA. 270+00.00 TO STA. 275+59.37 = 12.00'
 STA. 275+59.37 TO STA. 276+79.33 = SEE INTERSECTION DETAIL FOR 900E, SHEET NO. 77
 STA. 276+79.33 TO STA. 278+00.00 = 12.00'
- STA. 270+00.00 TO STA. 278+00.00 = 12.00'



- COUNTY HIGHWAY 18**
- (BEG. OF PROJECT) STA. 166+00.00 TO STA. 179+46.78 (B)
- 1 STA. 166+00.00 TO STA. 169+53.44 = 18.00'
 STA. 169+53.44 TO STA. 171+95.44 = SEE INTERSECTION DETAIL FOR 700E, SHEET NO. 78
 STA. 171+95.44 TO STA. 173+66.78 = 30.00'
 STA. 173+66.78 TO STA. 176+46.78 = TRANSITION FROM 30.00' TO 18.00'
 STA. 176+46.78 TO STA. 179+46.78 = TRANSITION FROM 18.00' TO 12.00'
- 2 STA. 166+00.00 TO STA. 167+82.05 = TRANSITION FROM 21.42' TO 30.00'
 STA. 167+82.05 TO STA. 169+53.44 = 30.00'
 STA. 169+53.44 TO STA. 171+95.44 = SEE INTERSECTION DETAIL FOR 700E, SHEET NO. 78
 STA. 171+95.44 TO STA. 176+46.78 = 18.00'
 STA. 176+46.78 TO STA. 179+46.78 = TRANSITION FROM 18.00' TO 12.00'

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

•BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11" CONSISTS OF :
 POLYMER BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 2"
 POLYMER BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70 2 1/4"
 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70 6 3/4"

••BITUMINOUS SHOULDERS SUPERPAVE 8", WHEN ADJACENT TO BITUMINOUS PAVEMENT, CONSISTS OF:

POLYMER BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N70 2"
 BITUMINOUS SHOULDERS SUPERPAVE 6"

WHEN ADJACENT TO CONCRETE PAVEMENT, USE BITUMINOUS SHOULDERS SUPERPAVE 8".

- 1 EXISTING GROUND
- 2 •BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- 3 BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- 4 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- 5 AGGREGATE BASE COURSE, TYPE A 10"
- 6 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 7 PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- 8 AGGREGATE BASE COURSE, TYPE A 4"
- 9 PROCESSING LIME MODIFIED SOILS 12"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN 9)
- 11 ••BITUMINOUS SHOULDERS SUPERPAVE 8"
- 12 AGGREGATE SHOULDERS, TYPE A
- 13 AGGREGATE SHOULDERS, TYPE B 6"
- 14 PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- 15 CONCRETE MEDIAN SURFACE, 4"
- 16 AGGREGATE BASE COURSE, TYPE B
- 17 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

NOTES : 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 2 PAVE THE 2" SURFACE COURSE LIFT OF THE BITUMINOUS SHOULDER SIMULTANEOUSLY WITH THE 2" SURFACE COURSE LIFT OF THE BITUMINOUS CONCRETE PAVEMENT TO ELIMINATE THE JOINT AT THE EDGE OF PAVEMENT.

REVISIONS	
NAME	DATE

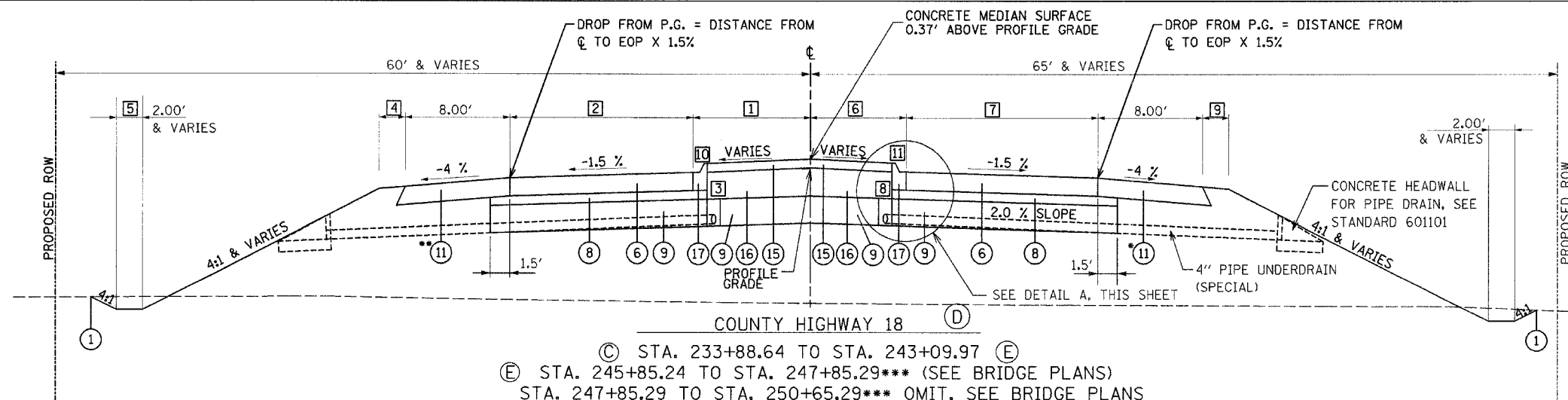
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 C.H.18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 08/24/2005
 DRAWN BY SKM
 CHECKED BY JWM



08/24/2005
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 LAYOUT SKM 12/26/03
 DRAWN DF/SM 12/26/03
 REVIEWED SKM 01/05/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



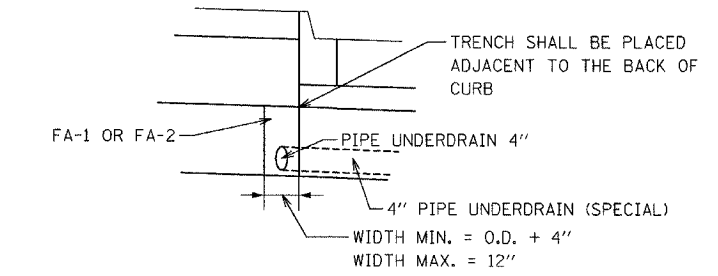
(C) STA. 233+88.64 TO STA. 243+09.97 (E)
 (E) STA. 245+85.24 TO STA. 247+85.29*** (SEE BRIDGE PLANS)
 STA. 247+85.29 TO STA. 250+65.29*** OMIT, SEE BRIDGE PLANS
 (SEE BRIDGE PLANS) STA. 250+65.29 TO STA. 252+65.24 (F)
 (F) STA. 255+40.37 TO STA. 264+61.71 (C)

- 1 STA. 233+88.64 TO STA. 236+02.79 = SEE MEDIAN DETAILS, SHEET NO. 71, DETAIL 1
 STA. 236+02.79 TO STA. 238+33.52 = TRANSITION FROM 7.65' TO 9.00'
 STA. 238+33.52 TO STA. 239+74.69 = 9.00'
 STA. 239+74.69 TO STA. 243+09.97 = SEE INTERSECTION DETAIL RAMPS A & B, SHEET NO. 68
- 2 STA. 233+88.64 TO STA. 236+02.79 = SEE MEDIAN DETAILS, SHEET NO. 71, DETAIL 1
 STA. 236+02.79 TO STA. 239+74.69 = 14.00'
 STA. 239+74.69 TO STA. 243+09.97 = SEE INTERSECTION DETAIL RAMPS A & B, SHEET NO. 68
- 3 STA. 235+19.64 TO STA. 240+96.07 = SEE DETAIL A, THIS SHEET
 STA. 246+22.50 TO STA. 248+15.51 = SEE DETAIL A, THIS SHEET
 STA. 248+15.51 TO STA. 250+36.41 = OMIT AT BRIDGE
 STA. 250+36.41 TO STA. 252+65.24 = SEE DETAIL A, THIS SHEET
 STA. 255+40.37 TO STA. 256+15.24 = SEE DETAIL A, THIS SHEET
 STA. 257+07.55 TO STA. 262+41.12 = SEE DETAIL A, THIS SHEET
- 4 STA. 233+88.64 TO STA. 243+09.97 = 0.00'
 STA. 245+85.24 TO STA. 246+78.44 = 0.00'
 STA. 246+78.44 TO STA. 247+02.44 = TRANSITION FROM 0.00' TO 4.00'
 STA. 247+02.44 TO STA. 247+37.44 = 4.00'
 STA. 247+37.44 TO STA. 247+62.44 = TRANSITION FROM 4.00' TO 3.26'
 STA. 247+62.44 TO STA. 248+18.09 = 3.26'
 STA. 248+18.09 TO STA. 250+38.09 = SEE BRIDGE PLANS, SHEETS 119 TO 134
 STA. 250+38.09 TO STA. 252+65.24 = 3.26'
 STA. 255+40.37 TO STA. 258+75.66 = SEE INTERSECTION DETAIL RAMPS C & D, SHEET NO. 69
 STA. 258+75.66 TO STA. 264+61.71 = 0.00'
- 5 STA. 258+30.00 TO STA. 264+61.71 = 4.00'
- 6 STA. 233+88.64 TO STA. 236+02.79 = SEE MEDIAN DETAILS, SHEET NO. 71, DETAIL 1
 STA. 236+02.79 TO STA. 239+74.69 = TRANSITION FROM 1.32' TO 9.00'
 STA. 239+74.69 TO STA. 243+09.97 = SEE INTERSECTION DETAIL RAMPS A & B, SHEET NO. 68
- 7 STA. 233+88.64 TO STA. 236+02.79 = SEE MEDIAN DETAILS, SHEET NO. 71, DETAIL 1
 STA. 236+02.79 TO STA. 239+74.69 = TRANSITION FROM 17.00' TO 14.00'
 STA. 239+74.69 TO STA. 243+09.97 = SEE INTERSECTION DETAIL RAMPS A & B, SHEET NO. 68
- 8 STA. 236+09.23 TO STA. 241+42.80 = SEE DETAIL A, THIS SHEET
 STA. 242+35.24 TO STA. 243+09.97 = SEE DETAIL A, THIS SHEET
 STA. 245+85.24 TO STA. 248+14.17 = SEE DETAIL A, THIS SHEET
 STA. 248+14.17 TO STA. 250+35.07 = OMIT AT BRIDGE
 STA. 250+35.07 TO STA. 252+28.27 = SEE DETAIL A, THIS SHEET
 STA. 257+54.28 TO STA. 263+30.71 = SEE DETAIL A, THIS SHEET
- 9 STA. 233+88.64 TO STA. 243+09.97 = 0.00'
 STA. 245+85.24 TO STA. 248+12.49 = 3.26'
 STA. 248+12.49 TO STA. 250+32.49 = SEE BRIDGE PLANS, SHEETS 119 TO 134
 STA. 250+32.49 TO STA. 252+65.24 = 3.26'
 STA. 255+40.37 TO STA. 258+75.66 = SEE INTERSECTION DETAIL RAMPS C & D, SHEET NO. 69
 STA. 258+75.66 TO STA. 264+61.71 = 0.00'
- 10 STA. 245+85.24 TO STA. 246+35.24 = TRANSITION GUTTER SLOPE FROM 6.00% TO -1.5%
- 11 STA. 252+15.24 TO STA. 252+65.24 = TRANSITION GUTTER SLOPE FROM -1.50% TO 6.00%

*USE BITUMINOUS SHOULDERS SUPERPAVE 10" FROM STA. 241+79.97 TO STA. 243+09.97. SEE INTERSECTION DETAIL RAMPS A & B, SHEET NO. 68.
 **USE BITUMINOUS SHOULDERS SUPERPAVE 10" FROM STA. 255+40.37 TO STA. 256+70.37. SEE INTERSECTION DETAIL RAMPS C & D, SHEET NO. 69.
 ***BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) - STA. 247+79.29 TO STA. 247+85.29 AND STA. 250+65.29 TO STA. 250+71.29 (SEE STANDARD 420401).

- 1 EXISTING GROUND
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- 3 BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- 4 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- 5 AGGREGATE BASE COURSE, TYPE A 10"
- 6 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 7 PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- 8 AGGREGATE BASE COURSE, TYPE A 4"
- 9 PROCESSING LIME MODIFIED SOILS 12"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN 9)
- 11 BITUMINOUS SHOULDERS SUPERPAVE 8"
- 12 AGGREGATE SHOULDERS, TYPE A
- 13 AGGREGATE SHOULDERS, TYPE B 6"
- 14 PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- 15 CONCRETE MEDIAN SURFACE, 4"
- 16 AGGREGATE BASE COURSE, TYPE B
- 17 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

NOTES : 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 2 SEE CROSS SECTIONS FOR SIDE SLOPE TRANSITION LOCATIONS.
 3 EARTH SHOULDER WIDENED FOR GUARDRAIL. SEE STANDARD 630301. SEE MISCELLANEOUS DETAIL SHEET, SHEET NO. 116, FOR BITUMINOUS SHOULDER CURB.



SEE STANDARD 601001 FOR MORE DETAILS
 SEE SHEET NO. 24 FOR LOCATIONS OF 4" PIPE UNDERDRAIN (SPECIAL)

REVISIONS	
NAME	DATE

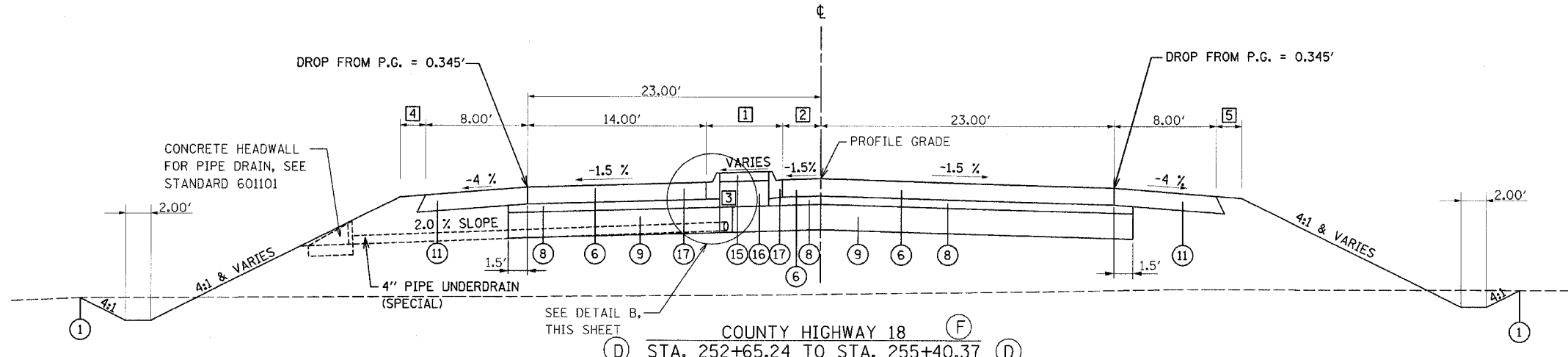
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 C.H. 18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: NOT TO SCALE
 DATE 07/13/2005
 DRAWN BY SKM
 CHECKED BY JWM



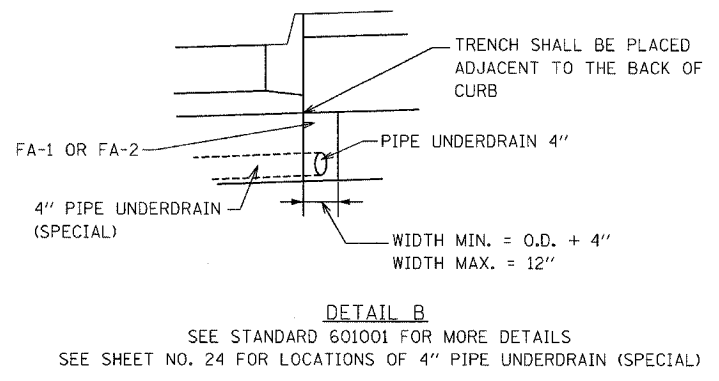
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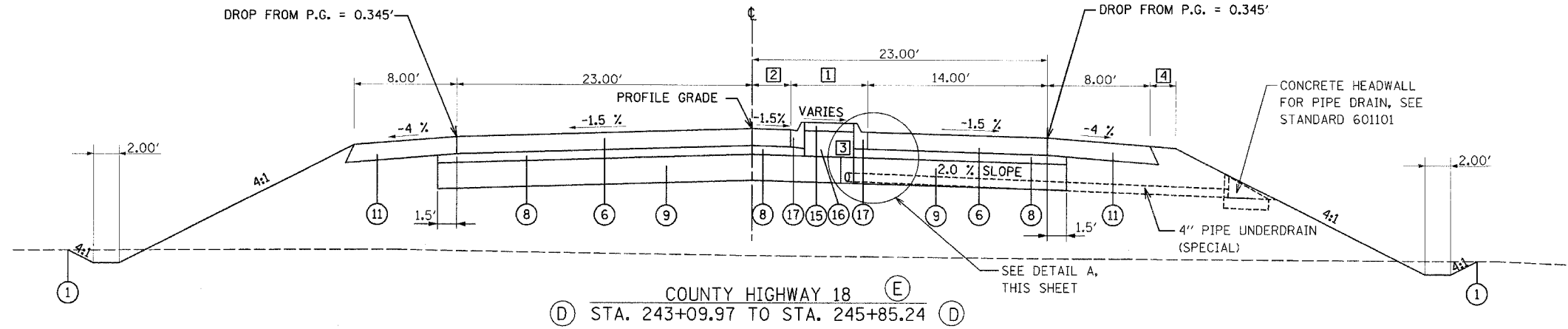
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



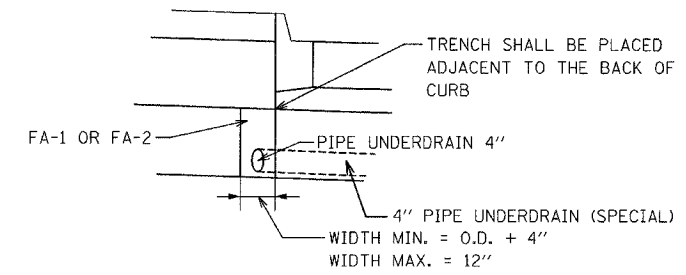
- ① EXISTING GROUND
- ② BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- ③ BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- ⑤ AGGREGATE BASE COURSE, TYPE A 10"
- ⑥ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ⑧ AGGREGATE BASE COURSE, TYPE A 4"
- ⑨ PROCESSING LIME MODIFIED SOILS 12"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN ⑨)
- ⑪ BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑫ AGGREGATE SHOULDERS, TYPE A
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ AGGREGATE BASE COURSE, TYPE B
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06



- SEE DETAIL B, THIS SHEET
- ④ COUNTY HIGHWAY 18 (F)
STA. 252+65.24 TO STA. 255+40.37 (D)
- ① STA. 252+65.24 TO STA. 253+35.24 = TRANSITION FROM 9.00' TO 6.00'
STA. 253+35.24 TO STA. 255+40.37 = 6.00'
 - ② STA. 252+65.24 TO STA. 253+35.24 = TRANSITION FROM 0.00' TO 3.00'
STA. 253+35.24 TO STA. 255+40.37 = 3.00'
 - ③ STA. 252+65.24 TO STA. 255+40.37 = SEE DETAIL B, THIS SHEET
 - ④ STA. 252+65.24 TO STA. 255+40.37 = 3.26'
 - ⑤ STA. 252+65.24 TO STA. 252+88.14 = 3.26'
STA. 252+88.14 TO STA. 253+13.14 = TRANSITION FROM 3.26' TO 4.00'
STA. 253+13.14 TO STA. 253+48.14 = 4.00'
STA. 253+48.14 TO STA. 253+72.14 = TRANSITION FROM 4.00' TO 0.00'
STA. 253+72.14 TO STA. 255+40.37 = 0.00'



- SEE DETAIL A, THIS SHEET
- ④ COUNTY HIGHWAY 18 (E)
STA. 243+09.97 TO STA. 245+85.24 (D)
- ① STA. 243+09.97 TO STA. 245+15.24 = 6.00'
STA. 245+15.24 TO STA. 245+85.24 = TRANSITION FROM 6.00' TO 9.00'
 - ② STA. 243+09.97 TO STA. 245+15.24 = 3.00'
STA. 245+15.24 TO STA. 245+85.24 = TRANSITION FROM 3.00' TO 0.00'
 - ③ STA. 243+09.97 TO STA. 245+85.24 = SEE DETAIL A THIS SHEET
 - ④ STA. 243+09.97 TO STA. 243+72.84 = 0'
STA. 243+72.84 TO STA. 243+96.84 = TRANSITION FROM 0.00' TO 4.00'
STA. 243+96.84 TO STA. 244+31.84 = 4.00'
STA. 244+31.84 TO STA. 244+56.84 = TRANSITION FROM 4.00' TO 3.26'
STA. 244+56.84 TO STA. 245+85.24 = 3.26'



SEE STANDARD 601001 FOR MORE DETAILS
SEE SHEET NO. 24 FOR LOCATIONS OF 4" PIPE UNDERDRAIN (SPECIAL)

- NOTES :
- 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 - 2 SEE CROSS SECTIONS FOR SIDE SLOPE TRANSITION LOCATIONS.
 - 3 EARTH SHOULDER WIDENED FOR GUARDRAIL. SEE STANDARD 630301. SEE MISCELLANEOUS DETAILS SHEET, SHEET NO. 116, FOR BITUMINOUS SHOULDER CURB.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS
C.H. 18
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

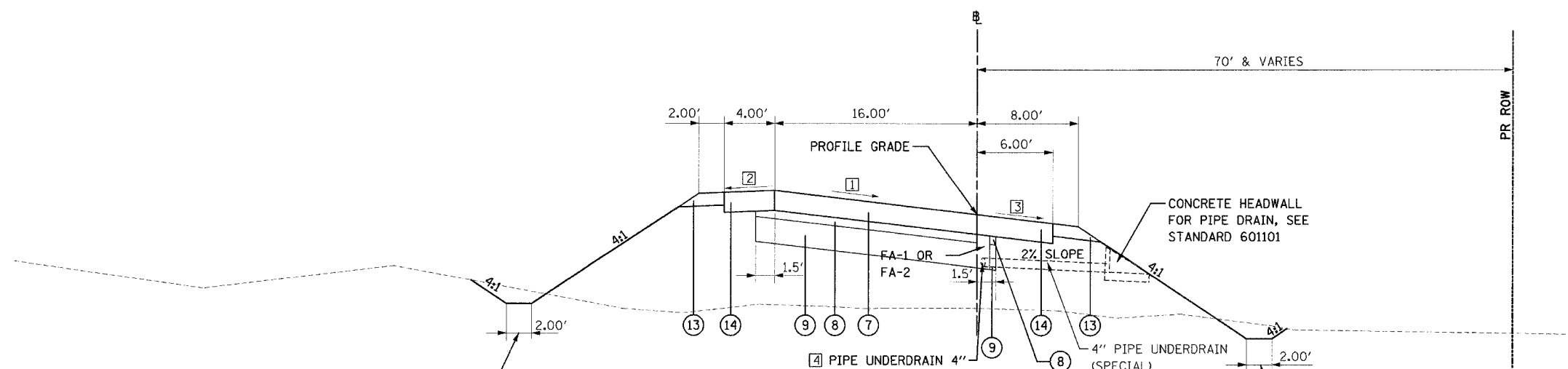
SCALE: NOT TO SCALE
DATE 07/13/2005

DRAWN BY SKM
CHECKED BY JWM



07/13/2005
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 SKM 12/26/03
 DP/SK 12/26/03
 SKM 01/05/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PAVEMENT DESIGN INFORMATION
 INTERCHANGE RAMP:
 DESIGN PERIOD = 20 YRS.
 DESIGN YEAR TRAFFIC = 1800 (YEAR 2025)
 P.V. = 1710, S.U. = 54, M.U. = 36
 SUBGRADE SUPPORT RATING = POOR

RAMP B : STA. 30+00.00 TO STA. 35+00.00,
 RAMP D : STA. 54+50.00 TO STA. 56+00.00
 SEE STATION CROSS SECTIONS FOR MORE INFORMATION.

INTERCHANGE RAMP (C)
 RAMP A: (BEG. OF RAMP) STA. 10+00.00 TO STA. 26+19.23 (H)
 RAMP B: (H) STA. 28+08.61 TO STA. 48+83.34 (END OF RAMP)
 RAMP C: (BEG. OF RAMP) STA. 30+00.00 TO STA. 44+96.94 (H)
 RAMP D: (H) STA. 49+78.84 TO STA. 50+50.00 (I)
 (I) STA. 54+50.00 TO STA. 69+60.12 (END OF RAMP)

RAMP B: STA. 31+00.00 TO STA. 37+33.34
 USE 4' DITCH. SEE CROSS SECTIONS FOR MORE INFORMATION

- (1) EXISTING GROUND
- (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- (3) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- (4) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- (5) AGGREGATE BASE COURSE, TYPE A 10"
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (7) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- (8) AGGREGATE BASE COURSE, TYPE A 4"
- (9) PROCESSING LIME MODIFIED SOILS 12"
- (10) SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN (9))
- (11) BITUMINOUS SHOULDERS SUPERPAVE 8"
- (12) AGGREGATE SHOULDERS, TYPE A
- (13) AGGREGATE SHOULDERS, TYPE B 6"
- (14) PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- (15) CONCRETE MEDIAN SURFACE, 4"
- (16) AGGREGATE BASE COURSE, TYPE B
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

- (1) RAMP A: STA. 10+00.00 TO STA. 18+70.09 = SEE RAMP A TERMINAL DETAIL, SHEETS 58 AND 59
 STA. 18+70.09 TO STA. 23+89.21 = 6%
 STA. 23+89.21 TO STA. 26+19.23 = TRANSITION FROM 6% TO 0%

 RAMP B: STA. 28+08.61 TO STA. 29+99.48 = TRANSITION FROM 0% TO 6%
 STA. 29+99.48 TO STA. 36+03.34 = 6%
 STA. 36+03.34 TO STA. 48+83.34 = SEE RAMP B TERMINAL DETAIL, SHEET 60 AND 61

 RAMP C: STA. 30+00.00 TO STA. 38+70.96 = SEE RAMP C TERMINAL DETAIL, SHEETS 62 AND 63
 STA. 38+70.96 TO STA. 42+67.22 = 6%
 STA. 42+67.22 TO STA. 44+96.94 = TRANSITION FROM 6% TO 0%

 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = TRANSITION FROM 0% TO 2%
 STA. 54+50.00 TO STA. 56+80.12 = 6%
 STA. 56+80.12 TO STA. 69+60.12 = SEE RAMP D TERMINAL DETAIL, SHEETS 64 AND 65
- (2) RAMP A: STA. 10+00.00 TO STA. 18+70.09 = SEE RAMP A TERMINAL DETAIL, SHEETS 58 AND 59
 STA. 18+70.09 TO STA. 23+89.21 = -2%
 STA. 23+89.21 TO STA. 26+19.23 = TRANSITION FROM -2% TO -4%

 RAMP B: STA. 28+08.61 TO STA. 29+99.48 = TRANSITION FROM -4% TO -2%
 STA. 29+99.48 TO STA. 36+03.34 = -2%
 STA. 36+03.34 TO STA. 48+83.34 = SEE RAMP B TERMINAL DETAIL, SHEETS 60 AND 61

 RAMP C: STA. 30+00.00 TO STA. 38+70.96 = SEE RAMP C TERMINAL DETAIL, SHEETS 62 AND 63
 STA. 38+70.96 TO STA. 42+67.22 = -2%
 STA. 42+67.22 TO STA. 44+96.94 = TRANSITION FROM -2% TO -4%

 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = TRANSITION FROM -4% TO -3.33%
 STA. 54+50.00 TO STA. 56+80.12 = -2%
 STA. 56+80.12 TO STA. 69+60.12 = SEE RAMP D TERMINAL DETAIL, SHEETS 64 AND 65

- (3) RAMP A: STA. 10+00.00 TO STA. 18+70.09 = SEE RAMP A TERMINAL DETAIL, SHEETS 58 AND 59
 STA. 18+70.09 TO STA. 23+89.21 = -6%
 STA. 23+89.21 TO STA. 26+19.23 = TRANSITION FROM -6% TO -4%

 RAMP B: STA. 28+08.61 TO STA. 29+35.86 = -4%
 STA. 29+35.86 TO STA. 29+99.48 = TRANSITION FROM -4% TO -6%
 STA. 29+99.48 TO STA. 36+03.34 = -6%
 STA. 36+03.34 TO STA. 48+83.34 = SEE RAMP B TERMINAL DETAIL, SHEETS 60 AND 61

 RAMP C: STA. 30+00.00 TO STA. 38+70.96 = SEE RAMP C TERMINAL DETAIL, SHEETS 62 AND 63
 STA. 38+70.96 TO STA. 42+67.22 = -6%
 STA. 42+67.22 TO STA. 44+96.94 = TRANSITION FROM -6% TO -4%

 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = -4%
 STA. 54+50.00 TO STA. 56+80.12 = -6%
 STA. 56+80.12 TO STA. 69+60.12 = SEE RAMP D TERMINAL DETAIL, SHEET 64 AND 65
- (4) RAMP A: STA. 10+00.00 TO STA. 26+19.23 = SEE STANDARD 601001

 RAMP B: STA. 28+08.61 TO STA. 48+83.34 = SEE STANDARD 601001

 RAMP C: STA. 30+00.00 TO STA. 44+96.94 = SEE STANDARD 601001

 RAMP D: STA. 49+78.84 TO STA. 50+50.00 = SEE STANDARD 601001
 STA. 54+50.00 TO STA. 69+60.12 = SEE STANDARD 601001

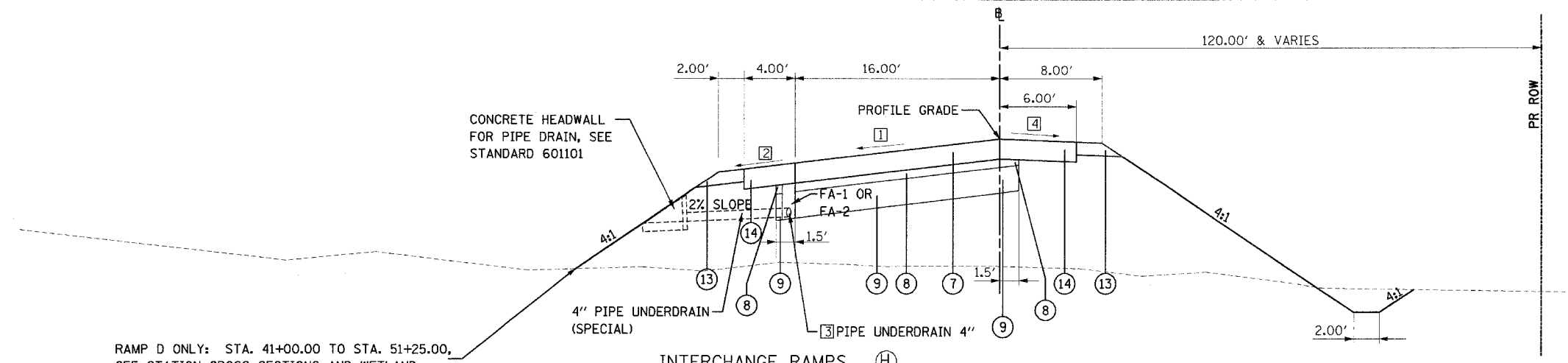
NOTES : 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 2 SEE HIGHWAY STANDARDS 420206, 420306 AND 601001 FOR MORE INFORMATION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 INTERCHANGE RAMP
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: NOT TO SCALE
 DATE 07/13/2005
 DRAWN BY SKM
 CHECKED BY JWM

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 SKM 12/26/03
 SKM 12/26/03
 JWM 07/05/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



RAMP D ONLY: STA. 41+00.00 TO STA. 51+25.00, SEE STATION CROSS SECTIONS AND WETLAND PLAN FOR MORE INFORMATION.

INTERCHANGE RAMPS (H)
 RAMP A: (G) STA. 26+19.23 TO STA. 35+91.10 (END OF RAMP)
 RAMP B: (BEG. OF RAMP) STA. 20+00.00 TO STA. 28+08.61 (G)
 RAMP C: (G) STA. 44+96.94 TO STA. 56+13.93 (END OF RAMP)
 RAMP D: (BEG. OF RAMP) STA. 40+00.00 TO STA. 49+78.84 (G)

- ① EXISTING GROUND
- ② BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- ③ BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- ⑤ AGGREGATE BASE COURSE, TYPE A 10"
- ⑥ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ⑧ AGGREGATE BASE COURSE, TYPE A 4"
- ⑨ PROCESSING LIME MODIFIED SOILS 12"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN ⑨)
- ⑪ BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑫ AGGREGATE SHOULDERS, TYPE A
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ AGGREGATE BASE COURSE, TYPE B
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

① RAMP A: STA. 26+19.23 TO STA. 28+49.25 = TRANSITION FROM 0% TO -6%
 STA. 28+49.25 TO STA. 32+72.55 = -6%
 STA. 32+72.55 TO STA. 34+52.55 = TRANSITION FROM -6% TO -1.5%
 STA. 34+52.55 TO STA. 34+68.10 = -1.5%
 STA. 34+68.10 TO STA. 35+91.10 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68

RAMP B: STA. 20+00.00 TO STA. 21+81.79 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68
 STA. 21+81.79 TO STA. 21+83.73 = -1.5%
 STA. 21+83.73 TO STA. 23+63.73 = TRANSITION FROM -1.5% TO -6%
 STA. 23+63.73 TO STA. 26+17.73 = -6%
 STA. 26+17.73 TO STA. 28+08.61 = TRANSITION FROM -6% TO 0%

RAMP C: STA. 44+96.94 TO STA. 47+19.65 = TRANSITION FROM 0% TO -6%
 STA. 47+19.65 TO STA. 52+95.97 = -6%
 STA. 52+95.97 TO STA. 54+75.97 = TRANSITION FROM -6% TO -1.5%
 STA. 54+75.97 TO STA. 54+91.05 = -1.5%
 STA. 54+91.05 TO STA. 56+13.93 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69

RAMP D: STA. 40+00.00 TO STA. 41+82.00 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69
 STA. 41+82.00 TO STA. 43+53.15 = TRANSITION FROM -1.72% TO -6%
 STA. 43+53.15 TO STA. 47+65.68 = -6%
 STA. 47+65.68 TO STA. 49+78.84 = TRANSITION FROM -6% TO 0%

② RAMP A: STA. 26+19.23 TO STA. 28+49.25 = TRANSITION FROM -4% TO -6%
 STA. 28+49.25 TO STA. 32+72.55 = -6%
 STA. 32+72.55 TO STA. 33+52.55 = TRANSITION FROM -6% TO -4%
 STA. 33+52.55 TO STA. 34+68.10 = -4%
 STA. 34+68.10 TO STA. 35+91.10 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68

RAMP B: STA. 20+00.00 TO STA. 21+81.79 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68
 STA. 21+81.79 TO STA. 22+83.73 = -4%
 STA. 22+83.73 TO STA. 23+63.73 = TRANSITION FROM -4% TO -6%
 STA. 23+63.73 TO STA. 26+17.73 = -6%
 STA. 26+17.73 TO STA. 26+81.36 = TRANSITION FROM -6% TO -4%
 STA. 26+81.36 TO STA. 28+08.61 = -4%

RAMP C: STA. 44+96.94 TO STA. 47+19.65 = TRANSITION FROM -4% TO -6%
 STA. 47+19.65 TO STA. 52+95.97 = -6%
 STA. 52+95.97 TO STA. 53+75.97 = TRANSITION FROM -6% TO -4%
 STA. 53+75.97 TO STA. 54+91.05 = -4%
 STA. 54+91.05 TO STA. 56+13.93 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69

RAMP D: STA. 40+00.00 TO STA. 41+82.00 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69
 STA. 41+82.00 TO STA. 42+73.15 = -4%
 STA. 42+73.15 TO STA. 43+53.15 = TRANSITION FROM -4% TO -6%
 STA. 43+53.15 TO STA. 47+65.68 = -6%
 STA. 47+65.68 TO STA. 48+36.73 = TRANSITION FROM -6% TO -4%
 STA. 48+36.73 TO STA. 49+78.84 = -4%

③ RAMP A: STA. 26+19.23 TO STA. 35+00.10 = SEE STANDARD 601001
 RAMP B: STA. 20+99.36 TO STA. 28+08.61 = SEE STANDARD 601001
 RAMP C: STA. 44+96.94 TO STA. 55+22.93 = SEE STANDARD 601001
 RAMP D: STA. 40+99.24 TO STA. 49+78.84 = SEE STANDARD 601001

④ RAMP A: STA. 26+19.23 TO STA. 28+49.25 = TRANSITION FROM -4% TO -2%
 STA. 28+49.25 TO STA. 32+72.55 = -2%
 STA. 32+72.55 TO STA. 33+52.55 = TRANSITION FROM -2% TO -4%
 STA. 33+52.55 TO STA. 34+68.10 = -4%
 STA. 34+68.10 TO STA. 35+91.10 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68

RAMP B: STA. 20+00.00 TO STA. 21+81.79 = SEE RAMP A&B INTERSECTION DETAIL, SHEET NO. 68
 STA. 21+81.79 TO STA. 22+83.73 = -4%
 STA. 22+83.73 TO STA. 23+63.73 = TRANSITION FROM -4% TO -2%
 STA. 23+63.73 TO STA. 26+17.73 = -2%
 STA. 26+17.73 TO STA. 28+08.61 = TRANSITION FROM -2% TO -4%

RAMP C: STA. 44+96.94 TO STA. 47+19.65 = TRANSITION FROM -4% TO -2%
 STA. 47+19.65 TO STA. 52+95.97 = -2%
 STA. 52+95.97 TO STA. 53+75.97 = TRANSITION FROM -2% TO -4%
 STA. 53+75.97 TO STA. 54+91.05 = -4%
 STA. 54+91.05 TO STA. 56+13.93 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69

RAMP D: STA. 40+00.00 TO STA. 41+82.00 = SEE RAMP C&D INTERSECTION DETAIL, SHEET NO. 69
 STA. 41+82.00 TO STA. 42+73.15 = -4%
 STA. 42+73.15 TO STA. 43+53.15 = TRANSITION FROM -4% TO -2%
 STA. 43+53.15 TO STA. 47+65.68 = -2%
 STA. 47+65.68 TO STA. 49+78.84 = TRANSITION FROM -2% TO -4%

NOTES : 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 2 SEE HIGHWAY STANDARDS 420206, 420306 AND 601001 FOR MORE INFORMATION.

REVISIONS	
NAME	DATE

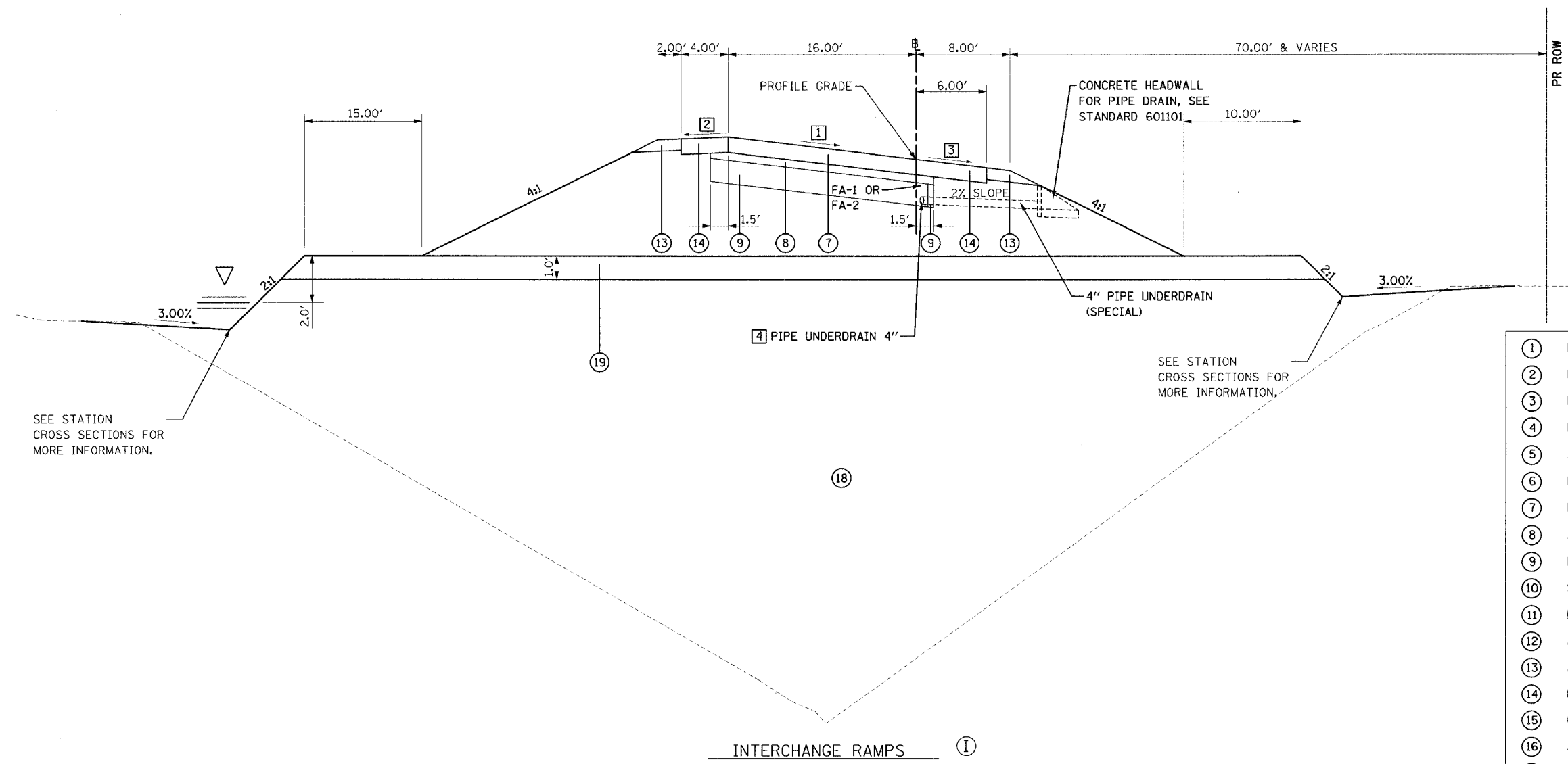
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 INTERCHANGE RAMPS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 07/13/2005
 DRAWN BY SKM
 CHECKED BY JWM



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 REVIEWED JWM 01/25/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT DESIGN INFORMATION
 INTERCHANGE RAMPS:
 DESIGN PERIOD = 20 YRS.
 DESIGN YEAR TRAFFIC = 1800 (YEAR 2025)
 P.V. = 1710, S.U. = 54, M.U. = 36
 SUBGRADE SUPPORT RATING = POOR

- ① EXISTING GROUND
- ② BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- ③ BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- ⑤ AGGREGATE BASE COURSE, TYPE A 10"
- ⑥ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ⑧ AGGREGATE BASE COURSE, TYPE A 4"
- ⑨ PROCESSING LIME MODIFIED SOILS 12"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN ⑨)
- ⑪ BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑫ AGGREGATE SHOULDERS, TYPE A
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ AGGREGATE BASE COURSE, TYPE B
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06
- ⑱ ROCK FILL CORE
- ⑲ ROCK FILL CAP

INTERCHANGE RAMPS ①
 RAMP D: ⑥ STA. 50+50.00 TO STA. 54+50.00 ⑥

- ① RAMP D - STA. 50+50.00 TO STA. 51+91.99 = TRANSITION FROM 2% TO 6%
 STA. 51+91.99 TO STA. 54+50.00 = 6%
- ② RAMP D - STA. 50+50.00 TO STA. 51+91.99 = TRANSITION FROM -3.33% TO -2%
 STA. 51+91.99 TO STA. 54+50.00 = -2%
- ③ RAMP D - STA. 50+50.00 TO STA. 51+20.94 = -4%
 STA. 51+20.94 TO STA. 51+91.99 = TRANSITION FROM -4% TO -6%
 STA. 51+91.99 TO STA. 54+50.00 = -6%
- ④ RAMP D - STA. 50+50.00 TO STA. 54+50.00 = SEE STANDARD 601001

- NOTES :
- 1 SEE CROSS SECTIONS FOR ROCKFILL ELEVATIONS, AND MORE DETAILED INFORMATION.
 - 2 SEE HIGHWAY STANDARDS 420206 AND 420306 FOR MORE INFORMATION.
 - 3 LOCATE TOP OF ROCKFILL CAP 2' ABOVE WATER LINE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 INTERCHANGE RAMPS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 07/13/2005
 DRAWN BY SKM
 CHECKED BY JWM



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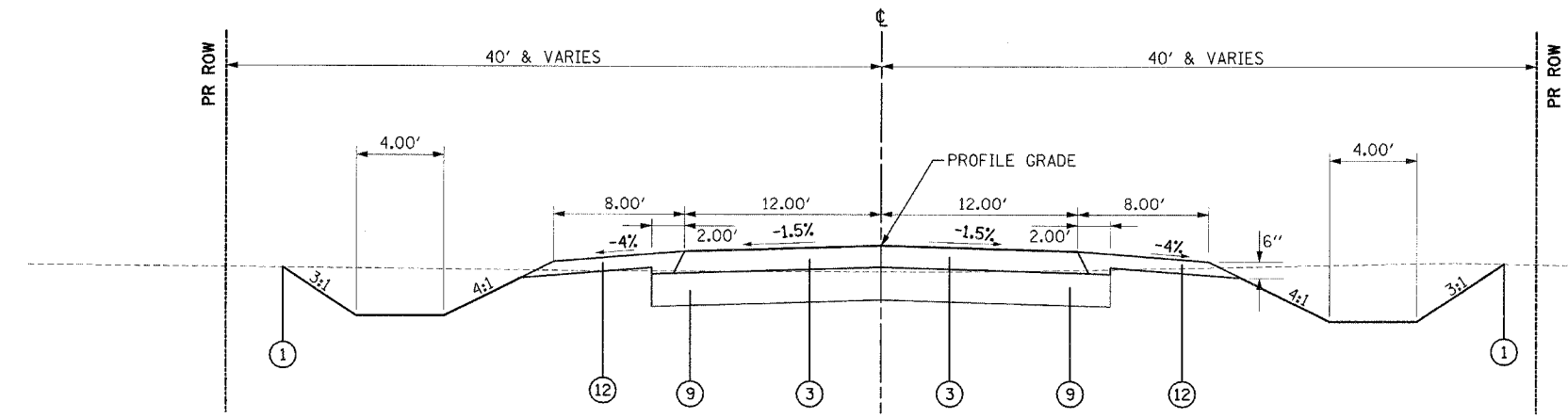
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT DESIGN INFORMATION

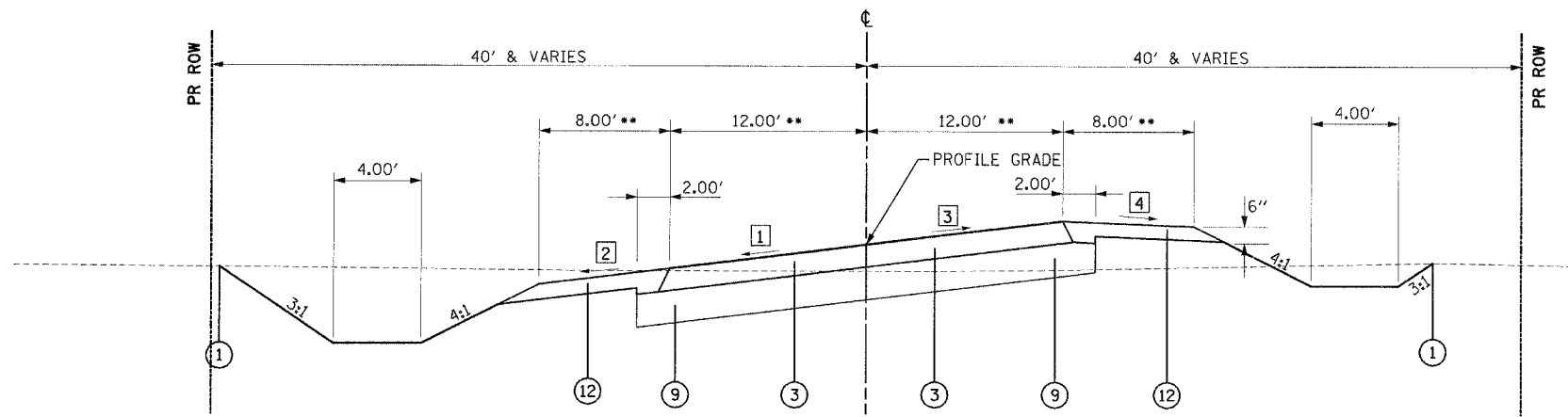
700E:
 DESIGN PERIOD = 20 YRS.
 STRUCTURAL DESIGN TRAFFIC = 1765 (YEAR 2015)
 P.V. = 1553, S.U. = 124, M.U. = 88
 CLASS III ROAD
 SUBGRADE SUPPORT RATING = POOR

780E, 800E, 870E, & 900E:
 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

•BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8" CONSISTS OF :
 POLYMER BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N70 2"
 POLYMER BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70 2 1/4"
 BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70 3 3/4"



TOWNSHIP ROAD : (K)
 700E - STA. 65+02.24 TO STA. 69+21.23
 STA. 69+21.23 TO STA. 71+82.95 = SEE INTERSECTION DETAIL, SHEET NO. 78



TOWNSHIP ROAD : (J) ** SEE NOTE 2, THIS SHEET.
 700E - STA. 60+00.00 TO STA. 65+02.24

- ① EXISTING GROUND
- ② BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- ③ •BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- ⑤ AGGREGATE BASE COURSE, TYPE A 10"
- ⑥ PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- ⑧ AGGREGATE BASE COURSE, TYPE A 4"
- ⑨ PROCESSING LIME MODIFIED SOILS 12"
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN ⑨)
- ⑪ BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑫ AGGREGATE SHOULDERS, TYPE A
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ AGGREGATE BASE COURSE, TYPE B
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

- NOTES :
- 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 - 2 TRANSITION PROPOSED TYPICAL SECTION WIDTHS TO EXISTING WIDTHS IN 100' AT THE BEGINNING AND ENDS OF THE CROSSROAD IMPROVEMENTS.
 - 3 USE PROPOSED C.H. 18 PAVEMENT AND SHOULDER MATERIALS TO THE FURTHEST RADIUS RETURN OF THE CROSSROADS.

- ① STA. 60+00.00 TO STA. 60+60.00 = -1.5%
 STA. 60+60.00 TO STA. 61+50.00 = TRANSITION FROM -1.5% TO -6%
 STA. 61+50.00 TO STA. 63+52.24 = -6%
 STA. 63+52.24 TO STA. 64+42.24 = TRANSITION FROM -6% TO -1.5%
 STA. 64+42.24 TO STA. 65+02.24 = -1.5%
- ② STA. 60+00.00 TO STA. 61+10.00 = -4%
 STA. 61+10.00 TO STA. 61+50.00 = TRANSITION FROM -4% TO -6%
 STA. 61+50.00 TO STA. 63+52.24 = -6%
 STA. 63+52.24 TO STA. 63+92.24 = TRANSITION FROM -6% TO -4%
 STA. 63+92.24 TO STA. 65+02.24 = -4%
- ③ STA. 60+00.00 TO STA. 60+30.00 = TRANSITION FROM -1.5% TO 0%
 STA. 60+30.00 TO STA. 61+50.00 = TRANSITION FROM 0% TO 6%
 STA. 61+50.00 TO STA. 63+52.24 = 6%
 STA. 63+52.24 TO STA. 64+42.24 = TRANSITION FROM 6% TO 1.5%
 STA. 64+42.24 TO STA. 65+02.24 = TRANSITION FROM 1.5% TO -1.5%
- ④ STA. 60+00.00 TO STA. 61+10.00 = -4%
 STA. 61+10.00 TO STA. 61+50.00 = TRANSITION FROM -4% TO -2%
 STA. 61+50.00 TO STA. 63+52.24 = -2%
 STA. 63+52.24 TO STA. 63+92.24 = TRANSITION FROM -2% TO -4%
 STA. 63+92.24 TO STA. 65+02.24 = -4%

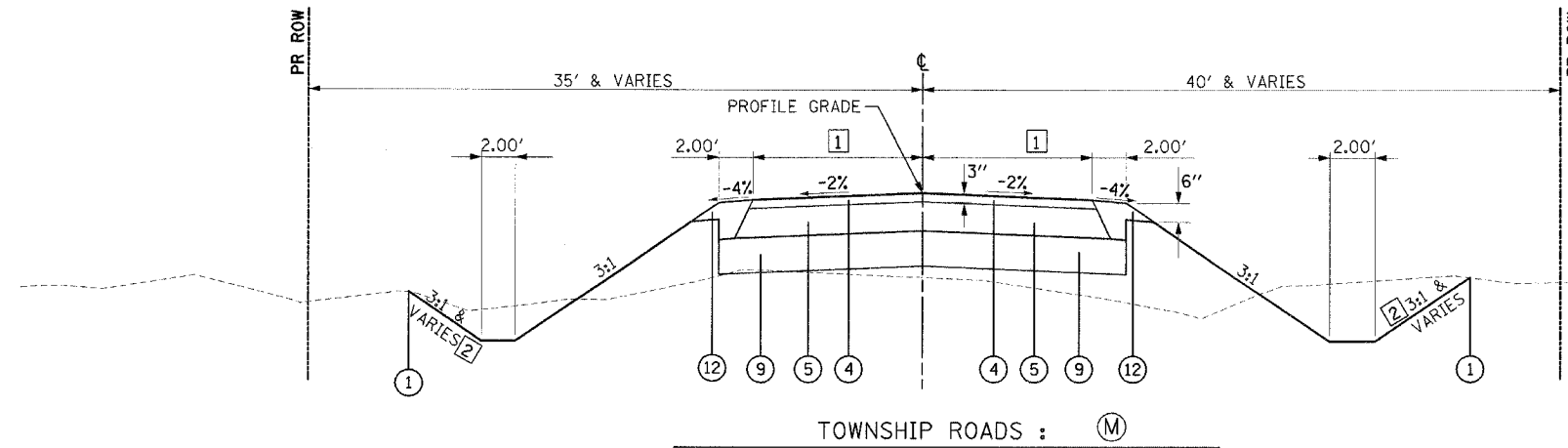
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 TOWNSHIP ROADS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: NOT TO SCALE
 DATE 08/24/2005
 DRAWN BY SKM
 CHECKED BY JWM



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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



- 1** 780E - STA. 6+00.00 TO STA. 7+00.00 = TRANSITION FROM EXISTING PAVEMENT TO 11.00' EA. SIDE OF CL
 STA. 7+00.00 TO STA. 9+36.91 = 11.00'
 STA. 9+36.91 TO STA. 10+12.00 = SEE INTERSECTION DETAIL FOR 780E, SHEET NO. 77
- 2** 780E ONLY:
 STA. 6+00.00 TO STA. 8+00.00 = 2:1 SLOPE
 STA. 8+00.00 TO STA. 9+00.00 = TRANSITION FROM 2:1 TO 3:1
 STA. 9+00.00 TO STA. 9+36.91 = 3:1 SLOPE
- 800E - STA. 10+00.00 TO STA. 10+62.90 = SEE INTERSECTION DETAIL FOR 800E, SHEET NO. 77
 STA. 10+62.90 TO STA. 11+35.00 = 9.00'
 STA. 11+35.00 TO STA. 12+35.00 = TRANSITION FROM 9.00' EA. SIDE OF CL TO EXISTING PAVEMENT
- 900E - STA. 10+00.00 TO STA. 10+62.20 = SEE INTERSECTION DETAIL FOR 900E, SHEET NO. 77
 STA. 10+62.20 TO STA. 12+00.00 = 10.00'
 STA. 12+00.00 TO STA. 12+53.54 = TRANSITION FROM 10.00' EA. SIDE OF CL TO EXISTING PAVEMENT

PAVEMENT DESIGN INFORMATION

700E:
 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

780E, 800E, 870E, & 900E:
 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

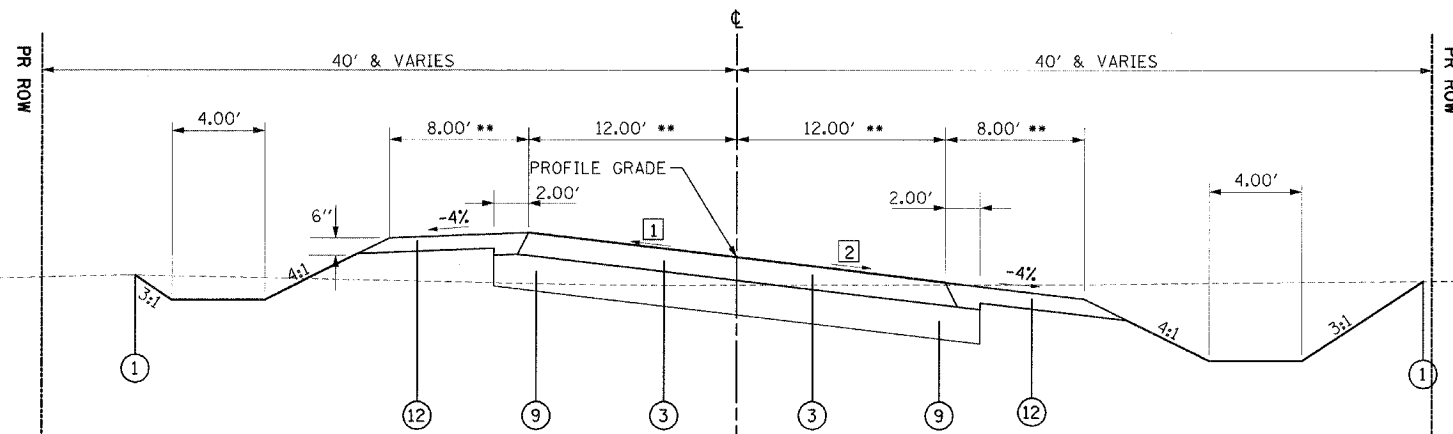
*BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8" CONSISTS OF :

POLYMER BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N70 2"

POLYMER BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70 2 1/4"

BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70 3 3/4"

- (1) EXISTING GROUND
- (2) BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- (3) *BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- (4) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- (5) AGGREGATE BASE COURSE, TYPE A 10"
- (6) PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- (7) PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- (8) AGGREGATE BASE COURSE, TYPE A 4"
- (9) PROCESSING LIME MODIFIED SOILS 12"
- (10) SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN (9))
- (11) BITUMINOUS SHOULDERS SUPERPAVE 8"
- (12) AGGREGATE SHOULDERS, TYPE A
- (13) AGGREGATE SHOULDERS, TYPE B 6"
- (14) PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- (15) CONCRETE MEDIAN SURFACE, 4"
- (16) AGGREGATE BASE COURSE, TYPE B
- (17) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06



1 STA. 71+82.95 TO STA. 72+30.28 = -1.5%
 STA. 72+30.28 TO STA. 72+52.28 = TRANSITION FROM -1.5% TO 0%
 STA. 72+52.28 TO STA. 72+95.28 = TRANSITION FROM 0% TO 3.0%
 STA. 72+95.28 TO STA. 75+56.64 = 3.0%
 STA. 75+56.64 TO STA. 75+99.97 = TRANSITION FROM 3.0% TO 0%
 STA. 75+99.97 TO STA. 76+21.64 = TRANSITION FROM 0% TO -1.5%
 STA. 76+21.64 TO STA. 76+78.64 = -1.5%

2 STA. 71+82.95 TO STA. 72+73.28 = -1.5%
 STA. 72+73.28 TO STA. 72+95.28 = TRANSITION FROM -1.5% TO STA. -3.0%
 STA. 72+95.28 TO STA. 75+56.64 = -3.0%
 STA. 75+56.64 TO STA. 75+78.64 = TRANSITION FROM -3.0% TO -1.5%
 STA. 75+78.64 TO STA. 76+78.64 = -1.5%

TOWNSHIP ROAD : (L)
 700E - STA. 71+82.95 TO STA. 76+78.64

** SEE NOTE 2, THIS SHEET.

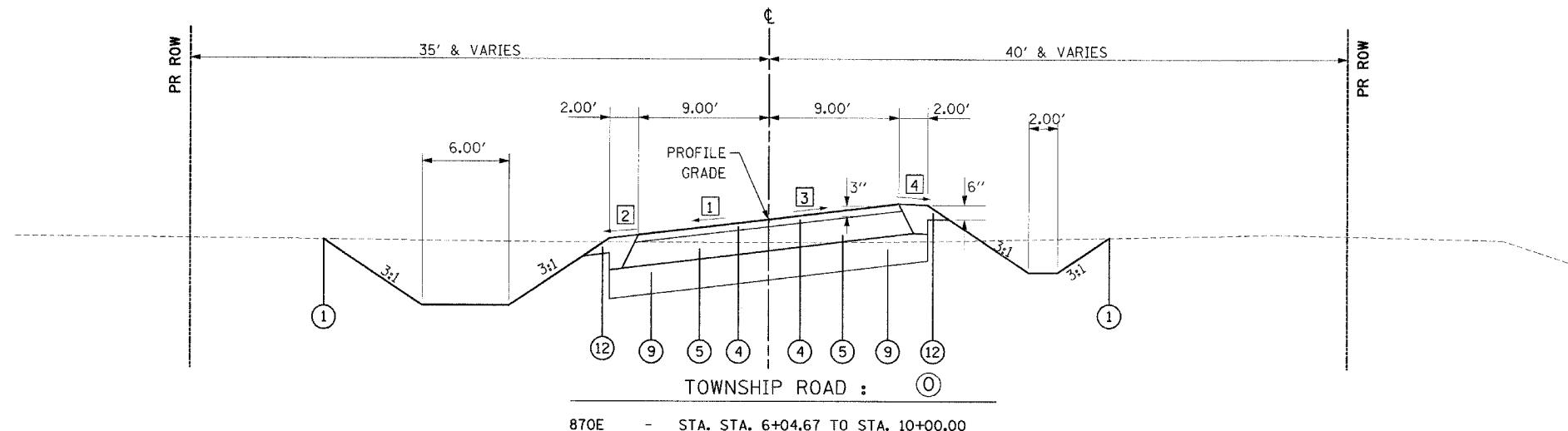
- NOTES :
- SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 - TRANSITION PROPOSED TYPICAL SECTION WIDTHS TO EXISTING WIDTHS IN 100' AT THE BEGINNING AND ENDS OF THE CROSSROAD IMPROVEMENTS, UNLESS SHOWN OTHERWISE.
 - USE PROPOSED C.H. 18 PAVEMENT AND SHOULDER MATERIALS TO THE FURTHEST RADIUS RETURN OF THE CROSSROADS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TYPICAL SECTIONS TOWNSHIP ROADS FAI-57, FAS 642 SEC NO. 15-23K, 99-00124-02-PV COLES COUNTY, ILLINOIS
NAME	DATE	
		SCALE: NOT TO SCALE DRAWN BY SKM CHECKED BY JWM DATE 08/08/2005



08/08/2005
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

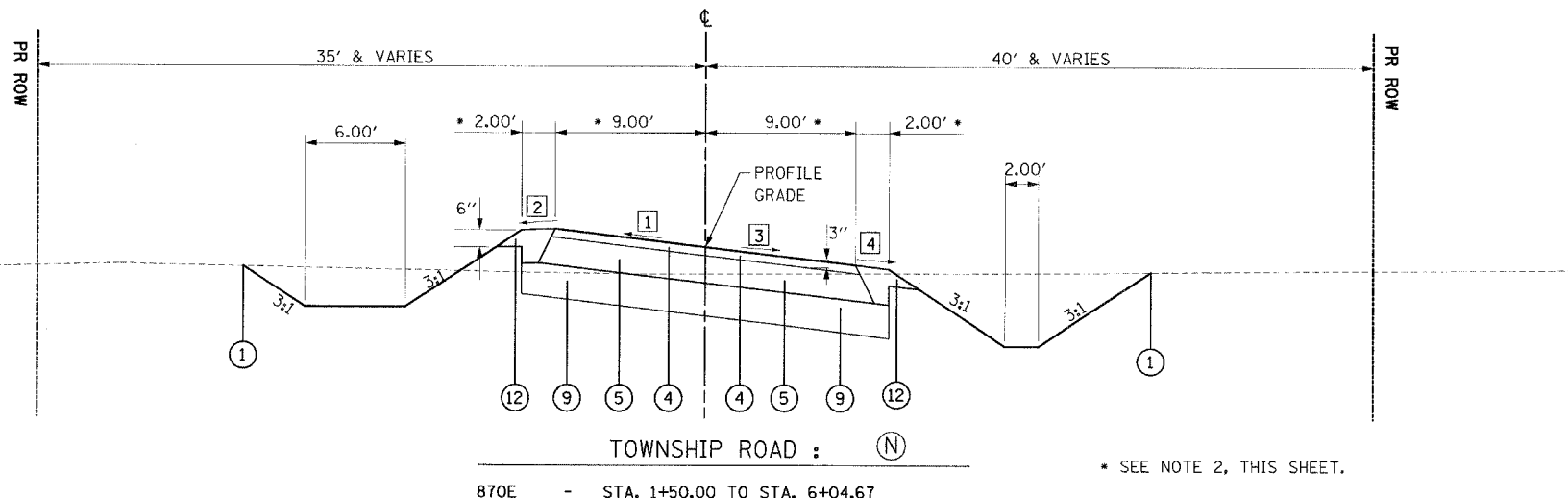


PAVEMENT DESIGN INFORMATION
700E:
 DESIGN PERIOD = 20 YRS.
 STRUCTURAL DESIGN TRAFFIC = 1765 (YEAR 2015)
 P.V. = 1553, S.U. = 124, M.U. = 88
 CLASS III ROAD
 SUBGRADE SUPPORT RATING = POOR

780E, 800E, 870E, & 900E:
 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

- 1 STA. 6+04.67 TO STA. 7+14.96 = TRANSITION FROM 0% TO -5%
 STA. 7+14.96 TO STA. 8+50.00 = -5%
 STA. 8+50.00 TO STA. 9+32.69 = TRANSITION FROM -5% TO -2.52%
 STA. 9+32.69 TO STA. 10+00.00 = SEE INTERSECTION DETAIL, SHEET NO. 77
- 2 STA. 6+04.67 TO STA. 6+80.20 = -4%
 STA. 6+80.20 TO STA. 7+14.96 = TRANSITION FROM -4% TO -5%
 STA. 7+14.96 TO STA. 8+50.00 = -5%
 STA. 8+50.00 TO STA. 8+83.33 = TRANSITION FROM -5% TO -4%
 STA. 8+83.33 TO STA. 9+32.69 = -4%
 STA. 9+32.69 TO STA. 10+00.00 = SEE INTERSECTION DETAIL, SHEET NO. 77
- 3 STA. 6+04.67 TO STA. 7+14.96 = TRANSITION FROM 0% TO 5%
 STA. 7+14.96 TO STA. 8+50.00 = 5%
 STA. 8+50.00 TO STA. 9+32.69 = TRANSITION FROM 5% TO -0.79%
 STA. 9+32.69 TO STA. 10+00.00 = SEE INTERSECTION DETAIL, SHEET NO. 77
- 4 STA. 6+04.67 TO STA. 6+80.20 = -4%
 STA. 6+80.20 TO STA. 7+14.96 = TRANSITION FROM -4% TO -3%
 STA. 7+14.96 TO STA. 8+50.00 = -3%
 STA. 8+50.00 TO STA. 8+83.33 = TRANSITION FROM -3% TO -4%
 STA. 8+83.33 TO STA. 9+32.69 = -4%
 STA. 9+32.69 TO STA. 10+00.00 = SEE INTERSECTION DETAIL, SHEET NO. 77

- 1 EXISTING GROUND
- 2 BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
- 3 BITUMINOUS CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"
- 4 BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)
- 5 AGGREGATE BASE COURSE, TYPE A 10"
- 6 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
- 7 PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- 8 AGGREGATE BASE COURSE, TYPE A 4"
- 9 PROCESSING LIME MODIFIED SOILS 12"
- 10 SUBBASE GRANULAR MATERIAL, TYPE C (COST INCLUDED IN 9)
- 11 BITUMINOUS SHOULDERS SUPERPAVE 8"
- 12 AGGREGATE SHOULDERS, TYPE A
- 13 AGGREGATE SHOULDERS, TYPE B 6"
- 14 PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- 15 CONCRETE MEDIAN SURFACE, 4"
- 16 AGGREGATE BASE COURSE, TYPE B
- 17 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06



- 1 STA. 1+50.00 TO STA. 2+32.70 = -2%
 STA. 2+32.70 TO STA. 2+86.70 = TRANSITION FROM -2% TO 2%
 STA. 2+86.70 TO STA. 3+40.70 = TRANSITION FROM 2% TO 6%
 STA. 3+40.70 TO STA. 4+91.37 = 6%
 STA. 4+91.37 TO STA. 6+04.67 = TRANSITION FROM 6% TO 0%
- 2 STA. 1+50.00 TO STA. 3+13.70 = -4%
 STA. 3+13.70 TO STA. 3+40.70 = TRANSITION FROM -4% TO -2%
 STA. 3+40.70 TO STA. 4+91.37 = -2%
 STA. 4+91.37 TO STA. 5+29.14 = TRANSITION FROM -2% TO -4%
 STA. 5+29.14 TO STA. 6+04.57 = -4%
- 3 STA. 1+50.00 TO STA. 2+86.70 = -2%
 STA. 2+86.70 TO STA. 3+40.70 = TRANSITION FROM -2% TO -6%
 STA. 3+40.70 TO STA. 4+91.37 = -6%
 STA. 4+91.37 TO STA. 6+04.67 = TRANSITION FROM -6% TO 0%
- 4 STA. 1+50.00 TO STA. 3+13.70 = -4%
 STA. 3+13.70 TO STA. 3+40.70 = TRANSITION FROM -4% TO -6%
 STA. 3+40.70 TO STA. 4+91.37 = -6%
 STA. 4+91.37 TO STA. 5+29.14 = TRANSITION FROM -6% TO -4%
 STA. 5+29.14 TO STA. 6+04.57 = -4%

- NOTES :
- 1 SEE CROSS SECTIONS FOR DITCH ELEVATIONS
 - 2 TRANSITION PROPOSED TYPICAL SECTION WIDTHS TO EXISTING WIDTHS IN 100' AT THE BEGINNING OF THE CROSSROAD IMPROVEMENT.
 - 3 USE PROPOSED C.H. 18 PAVEMENT AND SHOULDER MATERIALS TO THE FURTHEST RADIUS RETURN OF THE CROSSROADS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PROPOSED TYPICAL SECTIONS
 TOWNSHIP ROADS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 07/13/2005

DRAWN BY SKM
 CHECKED BY JWM

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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	99-00124-02-PV	COLES	229	13

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.-201
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS

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.

FOR THE PAY ITEM BITUMINOUS MATERIAL (PRIME COAT), EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP SHALL BE USED.

G.N.-482
ALL MATERIAL PLACED AS BITUMINOUS SHOULDERS SUPERPAVE SHALL BE COMPACTED TO 93-97 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO BOTH B.A.M. AND IL 9.5L GRADATION SHOULDER MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/OA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR BOTH THE B.A.M. AND IL 9.5L MIXES USING STANDARD CORRELATION PROCEDURES.

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.-631
IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

G.N.-Z0038
A BRONZE TABLET OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE STATE.
ESTIMATED QUANTITY:
1 EACH**PERMANENT BENCH MARK

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.

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.

WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

THE FOLLOWING IS A LIST OF NAMES OF IDENTIFIED UTILITY COMPANIES HAVING UTILITIES LOCATED ALONG THIS SECTION. COLES - MOULTRIE ELECTIC COOPERATIVE, CONSOLIDATED COMMUNICATIONS, AMEREN CIPS.

SEEDING, CLASS 2 SHALL BE USED ALONG PROPOSED C.H. 18. SEEDING, CLASS 2A SHALL BE USED IN THE INTERCHANGE AREA WITHIN THE ACCESS CONTROL LIMITS, EXCEPT WHERE SHOWN ON THE WETLAND PLANS. SEEDING, CLASS 3 SHALL BE USED AT THE 2:1 SLOPES AT THE STRUCTURE OVER F.A.I. 57.

THE DELINEATORS REMOVED FOR THE RAMP CONSTRUCTION SHALL BE REMOVED IN A MANNER THAT WILL NOT CAUSE ANY DAMAGE TO THE EXISTING POST OR REFLECTORS. THE REMOVED DELINEATORS SHALL BE REINSTALLED ALONG THE INTERCHANGE RAMPS. SEE STANDARD 635001 AND SECTION 635 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE. BURIED UTILITIES ARE NOT SHOWN IN 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 INCIDENTAL TO 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 SUBNUMBER IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

A TEST STRIP SHALL BE CONSTRUCTED FOR THE BINDER COURSE MATERIAL ONLY.

A 12" LAYER OF LIME IMPROVED SUBGRADE WITH A TREATMENT RATE OF 4.5% (45LBS 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

ELEVATION DATUM IS BASE ON NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD29)

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

AGGREGATE (PRIME COAT) 4 LBS./SQ.YD.
CA-6 (ROCK FILL CAP AND AGGREGATE SHOULDERS, TY A) 135 pcf
ROCK FILL CORE 115 pcf
AGGREGATE SURFACE COURSE & BASE COURSE
TYPE B 2.05 TON/CY
BIT. CONC. SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL) AND
INCIDENTAL BITUMINOUS SURFACING 112 LB/SY/IN.

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.

INTERNET ACCESSIBILITY TO THE BITUMINOUS PLANT QUALITY CONTROL LAB WILL BE PROVIDED SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL BITUMINOUS PAY ITEMS.

GN 406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	CH 18	CH 18 / TR 700E	CH 18 / 700E	700E	780E / 800E / 870E / 900E	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. SHLD. EXCEPT FOR SHT. 4 NOTE LOCATIONS.	BOTTOM SHOULDER LIFTS (2/4" MIN. LIFT)
AC/PG:	SBS PG 64-28	SBS PG 64-28	PG 64-22	SBS PG 64-28	PG 64-22	PG 58-22	PG 58-22
RAP %: (MAX)	0	0	25	0	30	30	30
DESIGN AIR VOIDS:	4.0% @ Ndes = 70	4.0% @ Ndes = 70	4.0% @ Ndes = 70	4.0% @ Ndes = 70	3.0% @ Ndes = 30	3.0% @ Ndes = 30	2.0% @ Ndes = 30
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 19.0	IL 9.5	IL 9.5L	IL 9.5L	B.A.M.
FRICTION AGGREGATE:	MIX D	N/A	N/A	MIX C	MIX C	MIX C	N.A.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES. FAI-57, FAS 642 SEC NO. 15-23K, 99-00124-02-PV COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DATE 08/08/2005

DRAWN BY DJP
CHECKED BY SKM

LAYOUT 12/26/03
 DRAWN 12/26/03
 REVIEWED 01/09/04
 08/08/2005
 15-23K-02-PV-00124-02-PV



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAFFIC SIGNS	HIGHWAY LIGHTING	IMPACT ATTENUATORS
				80% FEDERAL 10% STATE 10% LOCAL J000-2A	STA. 247+85.29 TO STA. 250+65.29 80% FEDERAL 10% STATE 10% LOCAL X281-2A	80% FEDERAL 10% STATE 10% LOCAL Y002-1C	80% FEDERAL 10% STATE 10% LOCAL Y030-1E	80% FEDERAL 10% STATE 10% LOCAL SFTY-3N
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	183	183				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMTER)	UNIT	329	329				
20100500	TREE REMOVAL, ACRES	ACRE	1.4	1				
• 20200100	EARTH EXCAVATION	CU YD	66772	66,772				
• 20400800	FURNISHED EXCAVATION	CU YD	440170	440,170				
• 20700400	POROUS GRANULAR EMBANKMENT (SPECIAL)	CU YD	415		415			
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	23163	23,163				
△ 25000200	SEEDING, CLASS 2	ACRE	22.0	22.0				
△ 25000210	SEEDING, CLASS 2A	ACRE	61.5	61.5				
△ 25000300	SEEDING, CLASS 3	ACRE	1.0	1.0				
△ 25000314	SEEDING, CLASS 4B	ACRE	2.1	2.1				
△ 25000320	SEEDING, CLASS 5	ACRE	10.7	10.7				
△ 25000350	SEEDING, CLASS 7	ACRE	100.9	100.9				
△ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8758	8,758				
△ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	8758	8,758				
△ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8758	8,758				
△ 25000700	AGRICULTURAL GROUND LIMESTONE	TON	194.6	194.6				
25000750	MOWING	ACRE	100.9	100.9				
△ 25100115	MULCH, METHOD 2	ACRE	84.5	84.5				
△ 25100125	MULCH, METHOD 3	ACRE	12.8	12.8				
△ 25100630	EROSION CONTROL BLANKET	SQ YD	8903	8,903				
28000300	TEMPORARY DITCH CHECKS	EACH	96	96				
28000400	PERIMETER EROSION BARRIER	FOOT	19091	19,091				
28000500	INLET AND PIPE PROTECTION	EACH	28	28				
28100103	STONE RIPRAP, CLASS A3	SQ YD	327	327				
28100107	STONE RIPRAP, CLASS A4	SQ YD	714	714				
28100109	STONE RIPRAP, CLASS A5	SQ YD	76	76				
28100149	STONE RIPRAP, CLASS C5	SQ YD	22	22				
28200200	FILTER FABRIC	SQ YD	1117	1,117				

- SEE SPECIAL PROVISIONS
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- △ SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 08/08/2005
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 CHECKED BY SKM



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 DRAWN DLP 05/27/05
 REVIEWED SKM 06/01/05

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	14 A
STA.		TO STA.		
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SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAFFIC SIGNS	HIGHWAY LIGHTING	IMPACT ATTENUATORS
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30200600	PROCESSING LIME MODIFIED SOILS 12"	SQ YD	77995	77,995				
30201400	WATER	UNIT	390.0	390.0				
30201500	LIME	TON	1754.9	1,754.9				
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SQ YD	46912	46,912				
35100400	AGGREGATE BASE COURSE, TYPE A 5"	SQ YD	113	113				
35100900	AGGREGATE BASE COURSE, TYPE A 10"	SQ YD	3146	3,146				
35101400	AGGREGATE BASE COURSE, TYPE B	TON	1750	1,750				
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	178	178				
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3971	3,971				
40600895	CONSTRUCTING TEST STRIP	EACH	1	1				
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	56.3	56.3				
40800030	AGGREGATE (PRIME COAT)	TON	1	1				
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	19	19				
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	20636	20,636				
42000411	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	SQ YD	20745	20,745				
42001300	PROTECTIVE COAT	SQ YD	55461	55,461				
• 42001400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	416		416			
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	60		60			
• 44005000	STABILIZED SHOULDER REMOVAL	SQ YD	4254	4,254				
48100100	AGGREGATE SHOULDERS, TYPE A	TON	1245	1,245				
• 48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	8606	8,606				
• 48202600	BITUMINOUS SHOULDERS SUPERPAVE 8"	SQ YD	10726	10,726				
• 48202800	BITUMINOUS SHOULDERS SUPERPAVE 10"	SQ YD	344	344				
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	78	78				
48300410	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	SQ YD	10104	10,104				
• 50105220	PIPE CULVERT REMOVAL	FOOT	270	270				
50200100	STRUCTURE EXCAVATION	CU YD	613		613			
50300225	CONCRETE STRUCTURES	CU YD	198.4		198.4			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	578.3		578.3			

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		SUMMARY OF QUANTITIES	
		FAI-57, FAS 642	
		SEC NO. 15-23K, 99-00124-02-PV	
		COLES COUNTY, ILLINOIS	
		SCALE: NOT TO SCALE	DRAWN BY KET
		DATE 08/09/2005	CHECKED BY SKM



08/09/2005
 KET 05/24/05
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 REVIEWED SKM 06/01/05

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY		BRIDGE		TRAFFIC SIGNS		HIGHWAY LIGHTING		IMPACT ATTENUATORS								
				80% FEDERAL	10% STATE	10% LOCAL	J000-2A	STA. 247+85.29 TO STA. 250+65.29	80% FEDERAL	10% STATE	10% LOCAL	X281-2A	80% FEDERAL	10% STATE	10% LOCAL	Y002-1C	80% FEDERAL	10% STATE	10% LOCAL	Y030-1E
50300260	BRIDGE DECK GROOVING	SQ YD	1002																	
50300300	PROTECTIVE COAT	SQ YD	1628																	
50400735	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE BULB T-BEAMS 63"	FOOT	2178.5																	
50800105	REINFORCEMENT BARS	POUND	5420	5,420																
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	151240																	
51100100	SLOPE WALL 4 INCH	SQ YD	690																	
51201600	FURNISHING STEEL PILES HP12X53	FOOT	3574																	
51202700	DRIVING STEEL PILES	FOOT	3574																	
51203600	TEST PILE STEEL HP12X53	EACH	3																	
51500100	NAME PLATES	EACH	1																	
54003000	CONCRETE BOX CULVERTS	CU YD	31.8	31.8																
54010603	PRECAST CONCRETE BOX CULVERT 6' x 3'	FOOT	357	357																
54020603	PRECAST CONCRETE BOX CULVERT 6' x 3' (M273)	FOOT	76	76																
54020804	PRECAST CONCRETE BOX CULVERT 8' x 4' (M273)	FOOT	270	270																
54200427	PIPE CULVERT, TYPE 1, RCCP 12"	FOOT	191	191																
54200430	PIPE CULVERT, TYPE 1, RCCP 15"	FOOT	234	234																
54200439	PIPE CULVERT, TYPE 1, RCCP 24"	FOOT	8	8																
54200451	PIPE CULVERT, TYPE 1, RCCP 36"	FOOT	925	925																
54207789	PIPE CULVERTS, TYPE 1, CORR. STEEL OR ALUMINUM, EQUIVALENT ROUND-SIZE 24"	FOOT	421	421																
54207801	PIPE CULVERTS, TYPE 1, CORR. STEEL OR ALUMINUM, EQUIVALENT ROUND-SIZE 36"	FOOT	183	183																
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2	2																
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6	6																
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1																
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	23	23																
*54215547	METAL END SECTIONS, 12"	EACH	18	18																
*54215769	METAL END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	22	22																
*54215781	METAL END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	8	8																
54247170	GRATING FOR CONCRETE FLARED END SECTIONS 36"	EACH	3	3																
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	392	392																

- SEE SPECIAL PROVISIONS
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
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 LAYOUT KET 05/24/05
 DRAWN DWP 05/26/05
 REVIEWED SAM 06/01/05

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	15 A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	BRIDGE	TRAFFIC SIGNS	HIGHWAY LIGHTING	IMPACT ATTENUATORS
				80% FEDERAL 10% STATE 10% LOCAL J000-2A	STA. 247+85.29 TO STA. 250+65.29 80% FEDERAL 10% STATE 10% LOCAL X281-2A	80% FEDERAL 10% STATE 10% LOCAL Y002-1C	80% FEDERAL 10% STATE 10% LOCAL Y030-1E	80% FEDERAL 10% STATE 10% LOCAL SFTY-3N
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	102	102				
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	58	58				
*60100915	PIPE DRAINS 6"	FOOT	150	150				
*60100925	PIPE DRAINS 8"	FOOT	150	150				
*60100935	PIPE DRAINS 10"	FOOT	150	150				
*60100945	PIPE DRAINS 12"	FOOT	1553	1,553				
*60100955	PIPE DRAINS 15"	FOOT	75	75				
*60101005	PIPE DRAINS 27"	FOOT	75	75				
*60107600	PIPE UNDERDRAINS 4"	FOOT	14419	14,419				
*60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	1089	1,089				
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2				
60219550	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 37 GRATE	EACH	2	2				
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	6	6				
60236900	INLETS, TYPE A, TYPE 12 FRAME AND GRATE	EACH	4	4				
60240315	INLETS, TYPE B, TYPE 12 FRAME AND GRATE	EACH	2	2				
60403400	GRATES, TYPE A	EACH	8	8				
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	16	16				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	404	404				
*60614600	PAVED DITCH (SPECIAL)	FOOT	350	350				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	23149	23,149				
60624600	CORRUGATED MEDIAN	SQ FT	1654	1,654				
60900315	TYPE D INLET BOX, STANDARD 609006	EACH	4	4				
60900515	CONCRETE THRUST BLOCKS	EACH	18	18				
61000115	TYPE E INLET BOX STANDARD 610001	EACH	6	6				
** 61100605	MISCELLANEOUS CONCRETE	CU YD	35	35				
** 61101005	STORM SEWER, PROTECTED, CLASS A, 4"	FOOT	2000	2,000				
** 61101007	STORM SEWER, PROTECTED, CLASS A, 6"	FOOT	2000	2,000				
** 61101009	STORM SEWER, PROTECTED, CLASS A, 8"	FOOT	2000	2,000				
** 61101011	STORM SEWER, PROTECTED, CLASS A, 10"	FOOT	1500	1,500				

- * SEE SPECIAL PROVISIONS
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 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
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07/13/2005
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 LAYOUT KET 05/24/05
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE STA. 247+85.29 TO STA. 250+65.29		TRAFFIC SIGNS 80% FEDERAL 10% STATE 10% LOCAL Y002-1C	HIGHWAY LIGHTING 80% FEDERAL 10% STATE 10% LOCAL Y030-1E	IMPACT ATTENUATORS 80% FEDERAL 10% STATE 10% LOCAL SFTY-3N
				ROADWAY 80% FEDERAL 10% STATE 10% LOCAL J000-2A	80% FEDERAL 10% STATE 10% LOCAL X281-2A			
•• 61101013	STORM SEWER, PROTECTED, CLASS A, 12"	FOOT	150	150				
•• 61101026	STORM SEWER, PROTECTED, CLASS A, 24"	FOOT	150	150				
•• 61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	5	5				
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1387.5	1,387.5				
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2				
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4			
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	5	5				
63200310	GUARDRAIL REMOVAL	FOOT	404	404				
63500105	DELINEATORS	EACH	101	101				
• 63500310	REMOVE AND REINSTALL DELINEATORS	EACH	10	10				
66101120	BITUMINOUS SHOULDER CURB	FOOT	1224	1,224				
66201120	CONCRETE SHOULDER CURB	FOOT	90	90				
66500105	WOVEN WIRE FENCE 4'	FOOT	10759	10,759				
• 66502300	WOVEN WIRE FENCE REMOVAL	FOOT	7693	7,693				
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	96	96				
• 67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24				
• 67000600	ENGINEER'S FIELD LABORATORY	CAL MO	16	16				
• 67100100	MOBILIZATION	L SUM	1	1				
• 70100305	TRAFFIC CONTROL AND PROTECTION, STANDARD 701400	L SUM	1	1				
• 70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1				
• 70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1				
• 70103800	TRAFFIC CONTROL (SPECIAL)	L SUM	1	1				
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	200	200				
△ 72000100	SIGN PANEL - TYPE 1	SQ FT	379.9			379.9		
△ 72000200	SIGN PANEL - TYPE 2	SQ FT	262.8			262.8		
△ 72000300	SIGN PANEL - TYPE 3	SQ FT	1007.0			1,007.0		
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	96			96		
△ 72700100	STRUCTURAL STEEL SIGN SUPPORT- BREAKAWAY	POUND	8394			8,394		
△ 72900100	METAL POST - TYPE A	FOOT	26			26		

- SEE SPECIAL PROVISIONS
- QUANTITY PARTIALLY OR WHOLLY ASSUMED FOR ESTABLISHMENT OF UNIT PRICE
- △ SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 08/09/2005
 DRAWN BY KET
 CHECKED BY SKM



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08/09/2005
 18970655782028B/CW/Sheet-c-605-02a.mxd
 LAYOUT
 DRAWN
 REVIEWED
 RET 08/24/05
 D.P. 08/26/05
 SKM 08/07/05

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	10 A
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE STA. 247+85.29 TO STA. 250+65.29		TRAFFIC SIGNS 80% FEDERAL 10% STATE 10% LOCAL Y002-1C	HIGHWAY LIGHTING 80% FEDERAL 10% STATE 10% LOCAL Y030-1E	IMPACT ATTENUATORS 80% FEDERAL 10% STATE 10% LOCAL SFTY-3N
				ROADWAY 80% FEDERAL 10% STATE 10% LOCAL J000-2A	80% FEDERAL 10% STATE 10% LOCAL X281-2A			
△ 72900200	METAL POST - TYPE B	FOOT	56			56		
△ 73000100	WOOD SIGN SUPPORT	FOOT	1415			1,415		
△ 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	17.8			17.8		
73700100	REMOVE GROUND-MOUNTED SIGN SUPPORT	EACH	2			2		
73700200	REMOVE CONCRETE FOUNDATION-GROUND MOUNT	EACH	2			2		
△ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	14864	14,864				
△ 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	320	320				
△ 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	40709	40,709				
△ 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	1594	1,594				
△ 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	951	951				
△ 78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	72	72				
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	123	123				
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	32	32				
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	5				
78300400	THERMOPLASTIC PAVEMENT MARKING REMOVAL	SQ FT	1039	1,039				
△ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1				1	
△ 81014600	CONDUIT TRENCHED 2" DIA. INTERMEDIATE METAL	FOOT	193				193	
△ 81014800	CONDUIT TRENCHED 3" DIA. INTERMEDIATE METAL	FOOT	80				80	
△ 81020500	CONDUIT PUSHED, 2" DIA., INTERMEDIATE METAL	FOOT	150				150	
△ 81500200	TRENCH AND BACKFILL FOR ELECTRIC WORK	FOOT	5600				5,600	
△ 81600315	UNIT DUCT, 2 *6 XLP, 1 *6 XLP GROUND 1" POLYETHYLENE	FOOT	5992				5,992	
△ 82103900	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 250 WATT	EACH	10				10	
△ 82500520	LIGHT CONTROLLER PEDESTAL MOUNT CB-RCS 60 AMP-480 VOLT	EACH	1				1	
△ * 83052600	LIGHT POLE, FIBERGLASS ANCHOR BASE, 45 FT. M.H., TENON MOUNT	EACH	6				6	
△ * 83052800	LIGHT POLE, FIBERGLASS ANCHOR BASE, 45 FT. M.H., TENON MOUNT, TWIN	EACH	2				2	
△ 83600355	LIGHT POLE FOUNDATION METAL, 15 BOLT CIRCLE, 8" X 6'	EACH	6				6	
△ 83600357	LIGHT POLE FOUNDATION METAL, 15 BOLT CIRCLE, 8" X 8'	EACH	2				2	
△ 83800650	BREAKAWAY DEVICE COUPLING, WITH STAINLESS STEEL SCREEN	EACH	32				32	
△ F30180Y2	SEEDLING - TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2 YEAR-OLD, BARE ROOT	UNIT	109	109				

- * SEE SPECIAL PROVISIONS
- ** QUANTITY PARTIALLY OR WHOLLY ASSUMED FOR ESTABLISHMENT OF UNIT PRICE
- △ SPECIALITY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 10/05/2005
 DRAWN BY KET
 CHECKED BY SKM

EARTHWORK SCHEDULE - CONTRACT 2

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STA. TO STA.	EARTH EXCAVATION CU YD	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25% CU YD	EMBANKMENT CU YD	FURNISHED EXCAVATION OR WASTE (-) CU YD	ROCK FILL TONS	SEEDING CLASS 2 ACRE	SEEDING CLASS 2A ACRE	SEEDING CLASS 3 ACRE	SEEDING CLASS 4B ACRE	SEEDING CLASS 5 ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHERUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	AGRICULTURAL GROUND LIMESTONE TON	MULCH METHOD 2 ACRE	MULCH METHOD 3 ACRE
COUNTY HIGHWAY 18																
166+00.00 TO 169+53.44	465	349	2442	2093		0.7					63	63	63	1.4	0.5	
171+95.44 TO 210+88.67	9888	7416	13929	6513		6.0					540	540	540	10.4	5.2	
212+10.69 TO 223+89.22	4828	3621	3158	-463		3.2					288	288	288	5.0	2.5	
225+07.23 TO 239+74.69	929	697	10363	9666		1.7	2.9				414	414	414	4.2	2.1	
243+00.00 TO 248+15.29	2109	1582	58425	56843							0	0	0	4.0	2.0	
250+35.29 TO 256+00.00	497	373	87399	87026	2528			1.0			90	90	90	8.2	4.1	
258+75.66 TO 265+00.00	509	382	46366	45984			6.7				603	603	603	7.2	3.6	
266+07.87 TO 275+60.00	1926	1445	7582	6138		3.4					306	306	306	6.2	3.1	
276+79.33 TO 278+00.00	70	53	373	321		0.5					45	45	45	0.6	0.3	
RAMP A																
10+00.00 TO 34+68.10	2253	1690	14816	13126			3.0				270	270	270	6.0	3.0	
RAMP B																
21+81.79 TO 48+83.34	2367	1775	24574	22799			3.8				342	342	342	7.6	3.8	
RAMP C																
30+00.00 TO 54+91.05	464	348	70235	69887			4.5				405	405	405	9.0	4.5	
RAMP D																
41+36.00 TO 69+60.12	3731	2798	51831	49033	27161		5.0				450	450	450	10.0	5.0	
TOWNSHIP ROAD 700																
60+00.00 TO 69+21.63	1160	870	1813	943		1.6					144	144	144	3.2	1.6	
71+82.95 TO 76+78.64	917	688	186	-502		1.2					108	108	108	2.4	1.2	
TOWNSHIP ROAD 780																
6+00.00 TO 9+36.91	745	559	21	-538		0.2					18	18	18	0.4	0.2	
TOWNSHIP ROAD 800																
10+62.90 TO 12+35.00	103	77	70	-7		0.3					27	27	27	0.6	0.3	
TOWNSHIP ROAD 870																
1+50.00 TO 9+32.70	1002	752	3884	3133		2.0					180	180	180	4.0	2.0	
TOWNSHIP ROAD 900																
11+00.00 TO 12+53.54	82	62	71	10		0.2					18	18	18	0.4	0.2	
INTERSECTIONS																
CH18 WITH TR 700	499	374	2930	2556		0.2					18	18	18	0.4	0.2	
CH18 WITH TR 780	368	276	56	-220		0.2					18	18	18	0.4	0.2	
CH18 WITH TR 800	108	81	1149	1068		0.2					18	18	18	0.4	0.2	
CH18 WITH TR 870	442	332	7690	7359		0.2					18	18	18	0.4	0.2	
CH18 WITH TR 900	63	47	1216	1169		0.2					18	18	18	0.4	0.2	
CH18 WITH RAMPS A & B	183	137	18341	18204							18	18	18	0.4	0.2	
CH18 WITH RAMPS C & D	233	175	60672	60497							18	18	18	0.4	0.2	
RAMP D INFIELD																
	20207	15155	36	-15119			4.5		1.2		514	514	514	11.4	4.5	1.2
RAMP A INFIELD																
	9847	7385	0	-7385			2.9		0.9	10.7	1305	1305	1305	29.0	2.9	11.6
RAMP B INFIELD																
							13.2				1188	1188	1188	26.4	13.2	
RAMP C INFIELD																
							15				1350	1350	1350	30.0	15.0	
ENTRANCES																
FIELD AND PRIVATE	165	124	621	497		0.0					0	0	0	0.0	0.0	
CULVERTS																
STILLING BASINS	186	140	0	-140		0.0					0	0	0	0.0	0.0	
OUTLET PROTECTION	426	320	0	-320		0.0					0	0	0	0.0	0.0	
CONTRACT TOTAL	66772	50079	490249	440170*	29689	22.0	61.5	1.0	2.1	10.7	8758	8758	8758	194.6	84.5	12.8

* FURNISHED EXCAVATION

STONE RIPRAP, CLASS A4

ROADWAY	STATION	AREA (SQ.YD.)
CH 18	190+46.00 (D.S.)	40
CH 18	190+46.00 (U.S.)	40
CH 18	223+61.00	17
CH 18	242+40.00	3
CH 18	244+11.00	3
CH 18	246+05.00	3
CH 18	247+15.00	3
CH 18	247+98.46	3
CH 18	248+04.12	3
CH 18	250+46.46	3
CH 18	250+52.12	3
CH 18	253+33.00	3
CH 18	275+60.00	17
700E	68+26.83	83
900E	10+38.00	50
RAMP B	30+00.00	100
RAMP C	31+36.72	32
RAMP C	39+28.00	83
RAMP C	41+00.00	83
RAMP C	50+00.00	17
RAMP D	41+36.00	122
RAMP D	57+50.00	3
CONTRACT TOTAL		714

FILTER FABRIC FOR USE WITH RIPRAP FOR USE WITH CLASS A4

ROADWAY	STATION	AREA (SQ.YD.)
CH 18	190+46.00 (D.S.)	40
CH 18	190+46.00 (U.S.)	40
CH 18	223+61.00	17
CH 18	242+40.00	3
CH 18	244+11.00	3
CH 18	246+05.00	3
CH 18	247+15.00	3
CH 18	247+98.46	3
CH 18	248+04.12	3
CH 18	250+46.46	3
CH 18	250+52.12	3
CH 18	253+33.00	3
CH 18	275+60.00	17
700E	68+26.83	83
900E	10+38.00	50
RAMP B	30+00.00	100
RAMP C	31+36.72	32
RAMP C	39+28.00	83
RAMP C	41+00.00	83
RAMP C	50+00.00	17
RAMP D	41+36.00	122
RAMP D	57+50.00	3
SUB TOTAL		714

FILTER FABRIC FOR USE WITH RIPRAP FOR USE WITH CLASS A3

ROADWAY	STATION	AREA (SQ.YD.)
CH 18	170+12.00	39
CH 18	171+37.00	61
700E	68+23.83	61
RAMP A	23+50.00	68
RAMP A INFIELD	23+50.00	49
RAMP A INFIELD	23+50.00	49
SUB TOTAL		327

FILTER FABRIC FOR USE WITH RIPRAP STONE RIPRAP, CLASS A5

ROADWAY	STATION	AREA (SQ.YD.)
CH 18	265+00.00	76
SUB TOTAL		76

STONE RIPRAP, CLASS A3

ROADWAY	STATION	AREA (SQ.YD.)
CH 18	170+12.00	39
CH 18	171+37.00	61
700E	68+23.83	61
RAMP A	23+50.00	68
RAMP A INFIELD	23+50.00	49
RAMP A INFIELD	23+50.00	49
CONTRACT TOTAL		327

STONE RIPRAP, CLASS A5

ROADWAY	STATION	AREA (SQ.YD.)
CH 18	265+00.00	76
CONTRACT TOTAL		76

STONE RIPRAP, CLASS C5

ROADWAY	STATION	AREA (SQ.YD.)
RAMP D INFIELD		22
CONTRACT TOTAL		22

TREE REMOVAL, ACRES

ROADWAY	STATION	STATION	LT/RT	ACRES
CH 18	250+00.00	253+50.00	LT	0.50
RAMP D	50+00.00	56+30.00	LT	0.35
RAMP D	51+00.00	58+00.00	RT	0.55
CONTRACT TOTAL				1.4

TREE REMOVAL (6 - 15 UNITS)

ROADWAY	STATION	OFFSET	DIAMETER (IN)
CH 18	248+10.00	RT	16
CH 18	250+20.00	LT	16
CH 18	250+40.00	RT	16
CH 18	250+40.00	LT	16
CH 18	250+40.00	RT	16
RAMP A	20+25.00	LT	96
RAMP C	36+50.00	RT	28
RAMP D	57+00.00	RT	24
RAMP D	57+25.00	RT	20
RAMP D	57+70.00	RT	17
RAMP D	57+85.00	RT	28
RAMP D	57+90.00	RT	20
RAMP D	58+65.00	RT	16
CONTRACT TOTAL			329

EXPLORATION TRENCH 52" DEPTH

ROADWAY	BEG STA	END STA	LENGTH (FOOT)	LENGTH (FOOT)
CH18	166+00.00	241+00.00	LT @ R.O.W.	7500
CH18	258+00.00	278+00.00	LT @ R.O.W.	2000
700E	60+00.00	76+78.64	LT @ R.O.W.	1679
780E	6+00.00	9+36.91	LT @ R.O.W.	337
800E	10+62.90	12+35.00	LT @ R.O.W.	173
870E	1+50.00	9+32.69	LT @ R.O.W.	783
900E	10+62.20	12+53.54	LT @ R.O.W.	191
RAMP A	10+00.00	34+68.10	RT @ R.O.W.	2468
RAMP B	21+59.32	48+83.34	RT @ R.O.W.	2724
RAMP C	30+00.00	54+91.05	RT @ R.O.W.	2491
RAMP D	41+42.94	69+60.12	RT @ R.O.W.	2817
CONTRACT TOTAL				23163

TREE REMOVAL (OVER 15 UNITS)

ROADWAY	STATION	OFFSET	DIAMETER (IN)
CH 18	172+35.00	RT	16
CH 18	248+10.00	LT	16
CH 18	250+20.00	RT	16
CH 18	250+40.00	LT	16
CH 18	250+40.00	RT	16
RAMP A	20+25.00	LT	96
RAMP C	36+50.00	RT	28
RAMP D	57+00.00	RT	24
RAMP D	57+25.00	RT	20
RAMP D	57+70.00	RT	17
RAMP D	57+85.00	RT	28
RAMP D	57+90.00	RT	20
RAMP D	58+65.00	RT	16
CONTRACT TOTAL			329

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES-1
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 07/13/2005
 DRAWN BY JAP
 CHECKED BY SKM



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	19
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

AGGREGATE BASE COURSE, TYPE A 4"

ROADWAY	BEG. STA.	END STA.	QUANTITY (SQ YD)
CH18	166+00.00	179+46.78	7935
CH18	230+00.00	247+82.29	7265
CH18	250+68.29	270+00.00	7942
RAMP A	10+00.00	35+66.60	5898
RAMP B	20+24.50	48+83.34	5880
RAMP C	30+00.00	55+89.43	5967
RAMP D	40+24.50	69+60.12	6025
CONTRACT TOTAL			46912

AGGREGATE BASE COURSE, TYPE A 5"

ROADWAY	STA.	OFFSET	QUAN. (SQ.YD.)
700E	68+26.83	RT	22
700E	73+22.40	RT	78
CH18	211+50.78	LT	13
CONTRACT TOTAL			113

AGGREGATE BASE COURSE, TYPE A 10"

ROADWAY	BEG STA	END STA	QUANTITY (SQ YD)
780E	6+00.00	9+36.91	808
800E	10+62.90	12+35.00	341
870E	1+50.00	9+32.69	1570
900E	10+62.20	12+53.54	427
CONTRACT TOTAL			3146

AGGREGATE BASE COURSE, TYPE B

ROADWAY	BEG STA	END STA	QUANTITY (TON)
CH18	235+19.64	241+44.66	584
CH18	242+35.24	247+85.29	275
CH18	250+64.29	256+15.24	275
CH18	257+05.69	263+30.71	584
CH18	257+26.20	257+50.37	16
CH18	240+99.98	241+24.15	16
CONTRACT TOTAL			1750

WATER

PROCESSING LIME MODIFIED SOILS 12"	77995.0	SQ YD
GALLONS OF WATER/SQ YD OF LIME MODIFIED SOILS 12"	5.0	GALLON
TOTAL GALLONS OF WATER	389975.0	GALLON
TOTAL UNITS OF WATER	390.0	UNIT

AGGREGATE (PRIME COAT)

ROADWAY	STATION	APPLICATION RATE (LBS/SQ YD)	QUANTITY (TON)
CH18	211+50.78	4.0	0.03
700E	68+26.83	4.0	0.04
700E	73+22.40	4.0	0.20
CONTRACT TOTAL			1

INCIDENTAL BITUMINOUS SURFACING

ROADWAY	BEG STA	END STA	QUANTITY (TONS)
CH18	211+50.78	LT	2
700E	68+26.83	RT	4
700E	73+22.40	RT	13
CONTRACT TOTAL			19

AGGREGATE SURFACE COURSE, TYPE B

ROADWAY	STA	QUANTITY (TON)
700E	68+26.83, LT	11
700E	68+26.83, RT	65
800E	11+25.00, LT	11
900E	11+25.00, LT	11
CH18	176+40.00, RT	7.5
CH18	185+00.00, LT	7.5
CH18	185+00.00, RT	7.5
CH18	205+00.00, LT	7.5
CH18	205+00.00, RT	7.5
CH18	211+50.78, LT	20
CH18	213+00.00, LT	7.5
CH18	224+49.16, RT	7.5
CH18	276+19.54, RT	7.5
CONTRACT TOTAL		178

BITUMINOUS MATERIALS (PRIME COAT) 40600100

ROADWAY	BEG STA	END STA	APPLICATION RATE (GAL/SQ YD)	QUANTITY (GALLON)
CH18	179+46.78	230+00.00	0.10	1732
CH18	270+00.00	278+00.00	0.10	290
700E	60+00.00	69+21.23	0.10	244
700E	71+82.95	76+78.64	0.10	131
780E	6+00.00	9+36.91	0.50	404
800E	10+62.90	12+35.00	0.50	171
870E	1+50.00	9+32.69	0.50	785
900E	10+62.20	12+53.54	0.50	214
CONTRACT TOTAL			3971	

LIME

PROCESSING LIME MODIFIED SOILS 12"	77995.0	SQ YD
POUNDS OF LIME/SQ YD OF LIME MODIFIED SOILS 12"	45.0	POUND
TOTAL TONS OF LIME	1754.9	TON

BITUMINOUS MATERIALS (PRIME COAT) 40800010

ROADWAY	STATION	APPLICATION RATE (GAL/SQ YD)	QUANTITY (GAL)
700E	68+26.83	0.5	11.1
700E	73+22.40	0.5	38.9
CH18	211+50.78	0.5	6.3
CONTRACT TOTAL			56.3

STABILIZED SHOULDER REMOVAL

ROADWAY	BEG STA	END STA	QUANTITY (SQ YD)
RAMP A	10+00.00	16+60.09	733
RAMP B	36+24.31	48+83.34	1399
RAMP C	30+00.00	36+60.96	734
RAMP D	57+10.91	69+60.12	1388
CONTRACT TOTAL			4254

AGGREGATE SHOULDERS, TYPE A

ROADWAY	BEG STA	END STA	SHOULDER LENGTH	WEIGHT (LBS/FT ³)	X-SECTION AREA OF SHOULDER	QUANTITY (TONS)
700E	60+00.00	76+78.64	2751	135.0	4.6	854
780E	6+00.00	9+36.91	674	135.0	2	91
800E	10+62.90	12+35.00	309	135.0	2	42
870E	1+50.00	9+32.69	1565	135.0	2	211
900E	10+62.20	12+53.54	348	135.0	2	47
CONTRACT TOTAL						1245

BITUMINOUS SHOULDERS SUPERPAVE 10"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)	
CH18/RAMP B	20+99.34	RAMP B	243+09.97	172
CH18/RAMP D	255+40.37	CH 18	40+99.34	172
CONTRACT TOTAL			344	

BITUMINOUS SHOULDERS SUPERPAVE 8"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)
CH18	166+00.00	179+46.78	978
CH18	179+46.78	230+00.00	3315
CH18	230+00.00	270+00.00	5906
CH18	270+00.00	278+00.00	527
CONTRACT TOTAL			10726

AGGREGATE SHOULDERS, TYPE B 6"

ROADWAY	BEG STA.	END STA.	OFFSET	QUANTITY (SQ YD)
CH 18	166+00.00	230+00.00	LT, RT	4239
CH 18	270+00.00	278+00.00	LT, RT	501
RAMP A	16+60.09	35+00.10	LT	409
RAMP A	10+00.00	34+71.87	RT	549
RAMP B	20+99.49	36+24.31	LT	340
RAMP B	21+31.22	48+83.34	RT	612
RAMP C	36+60.96	55+22.93	LT	414
RAMP C	30+00.00	54+94.71	RT	554
RAMP D	40+99.49	57+10.91	LT	360
RAMP D	41+31.22	69+60.12	RT	628
CONTRACT TOTAL				8606

PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ YD)
RAMP A	16+60.09	35+00.10	818
RAMP A	10+00.00	34+98.50	1659
RAMP B	20+99.34	36+24.71	678
RAMP B	21+04.87	48+83.34	1840
RAMP C	36+60.96	55+22.93	828
RAMP C	30+00.00	55+21.33	1674
RAMP D	40+99.34	57+10.91	716
RAMP D	41+04.87	69+60.12	1891
CONTRACT TOTAL			10104

PORTLAND CEMENT CONCRETE SHOULDERS 8"

ROADWAY	STA.	OFFSET	AREA (SQ YD)
CH 18	244+11.00	30.79	13
CH 18	246+05.00	30.79	13
CH 18	247+15.00	30.79	13
CH 18	253+33.00	30.79	13
CH 18	253+47.00	30.79	13
CH 18	256+35.00	30.79	13
CONTRACT TOTAL			78

PROTECTIVE COAT (42001300)

ROADWAY	QUANTITY (SQ YD)	
CH 18	8" PCC PAVEMENT	20,636
RAMPS	9 1/2" PCC PAVEMENT	20,745
CH 18	8" PCC SHOULDER	78
RAMPS	9 1/2" PCC SHOULDER	10,104
CH 18	B-6.24 C&G	116
CH 18	CONCRETE MEDIAN SURFACE	2572
CH 18	CONCRETE SHOULDER CURB	7
CH 18	M-4.24 C&G	30
CH 18	M-4.06 C&G	573
CH 18	CORRUGATED MEDIAN	184
CH 18	BRIDGE APPROACH PAVEMENT	416
CONTRACT TOTAL		55,461

PIPE CULVERT REMOVAL

ROADWAY	STATION	CULVERT DIA. (IN.)	LENGTH
CH18	170+00.00, LT	12	30
CH18	211+50.00, LT	12	45
CH18	265+00.00, LT	12	30
CH18	275+00.00, LT	15	30
CH18	275+50.00, LT	12	31
CH18	275+75.00, LT	15	43
700E	68+27.00, RT	12	28
700E	68+27.00, RT	12	33
CONTRACT TOTAL			270

CLASS SI CONCRETE (OUTLET)

ROADWAY	STATION	QUAN. (CU.YD.)
RAMP A	24+73.12	2
RAMP B	21+29.97	2
RAMP C	54+95.96	2
RAMP D	41+29.97	2
CH 18	230+98.31	2
CH 18	240+45.70	2
CH 18	258+04.65	2
CH 18	258+52.18	2
CONTRACT TOTAL		16

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

ROADWAY	BEG STA.	END STA.	LENGTH (FT)
RAMP A	34+98.10	35+60.10	113
RAMP B	20+31.00	21+05.09	89
RAMP C	55+20.93	55+82.93	113
RAMP D	40+31.00	41+05.09	89
CONTRACT TOTAL			404

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06

ROADWAY	BEG STA	END STA	LENGTH (FT)
RAMP A	35+41.01	35+56.69	25
RAMP C	55+63.84	55+79.53	25
CH18	235+19.65	241+45.71	1257
CH18	242+35.24	247+85.29	1100
CH18	250+65.29	256+15.24	1100
CH18	257+04.64	263+30.71	1256
CONTRACT TOTAL			4763

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24

ROADWAY	BEG STA	END STA	LENGTH (FT)
RAMP A	35+41.01	35+58.10	52
RAMP C	55+63.84	55+80.93	52
CONTRACT TOTAL			104

TRAFFIC BARRIER TERMINAL, TYPE 6

ROADWAY	BEG STA	END STA	QUANTITY
CH18	247+81.84	248+14.99	1
CH18	247+87.44	248+20.59	1
CH18	250+29.99	250+63.14	1
CH18	250+35.59	250+68.74	1
CONTRACT TOTAL			4

CORRUGATED MEDIAN

ROADWAY	BEG STA.	END STA.	AREA (SQ FT)
CH18	233+88.64	236+02.79	827
CH18	262+47.56	264+61.71	827
CONTRACT TOTAL			1654

TRAFFIC BARRIER TERMINAL, TYPE 2

ROADWAY	BEG STA	END STA	QUANTITY
RAMP B	39+83.00	39+95.50	1
RAMP C	31+46.83	31+59.33	1
CONTRACT TOTAL			2

STEEL PLATE BEAM GUARDRAIL, TYPE A

ROADWAY	BEG STA	END STA	QUANTITY
CH18	244+56.84	247+81.84	325
CH18	247+62.44	247+87.44	25
CH18	250+63.14	252+88.14	225
CH18	250+68.74	255+93.74	525
RAMPB	38+58.00	39+83.00	125
I-57	878+25.34	879+87.80	162.5
CONTRACT TOTAL			1387.5

CONCRETE MEDIAN SURFACE, 4 INCH

ROADWAY	BEG STA.	END STA.	QUANTITY (SQ FT)
CH18	235+17.64	241+44.66	7696
CH18	242+33.24	247+85.29	3627
CH18	250+65.29	256+17.24	3626
CH18	257+05.69	263+32.71	7696
ISLAND @ RAMP A			252
ISLAND @ RAMP C			252
CONTRACT TOTAL			23149

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES-2
FAI-57, FAS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)

ROADWAY	BEG STATION	END STATION	QUANTITY
CH18	244+06.84	244+56.84	1
CH18	247+12.44	247+62.44	1
CH18	252+88.14	253+38.14	1
CH18	255+93.74	256+43.74	1
RAMP B	38+08.00	38+58.00	1
CONTRACT TOTAL			5

GUARDRAIL REMOVAL

ROADWAY	BEG STA	END STA	LENGTH (FT)
I-57	878+25.34	880+02.57	177
RAMP B	37+79.00	40+06.00	227
CONTRACT TOTAL			404

DELINEATORS

ROADWAY	QUANTITY (EA)
RAMP A	26
RAMP B	23
RAMP C	28
RAMP D	24
CONTRACT TOTAL	

REMOVE AND REINSTALL DELINEATORS

ROADWAY	BEG STA	END STA	QUANTITY (EA)
RAMP A	916+00.00	920+00.00	2
RAMP B	872+00.00	880+00.00	3
RAMP C	880+00.00	884+00.00	2
RAMP D	916+00.00	924+00.00	3
TOTAL			10

FURNISHING AND ERECTING RIGHT OF WAY MARKERS

ROADWAY	STATION	OFFSET	EACH	ROADWAY	STATION	OFFSET	EACH
CH18	166+00.00	RT 70.0	1	RAMP B	31+00.00	RT 70.0	1
CH18	169+75.00	RT 70.0	1	RAMP B	38+00.00	RT 70.0	1
CH18	170+30.12	RT 119.35	1	RAMP B	39+00.00	RT 48.54	1
CH18	171+75.00	RT 60.0	1	RAMP C	33+48.07	RT 50.0	1
CH18	180+56.22	RT 60.0	1	RAMP C	44+00.00	RT 50.0	1
CH18	194+00.00	RT 60.0	1	RAMP C	46+00.00	RT 105.0	1
CH18	195+00.00	RT 55.0	1	RAMP D	49+00.00	RT 120.0	1
CH18	198+30.89	RT 55.0	1	RAMP D	51+00.00	RT 70.0	1
CH18	206+00.00	RT 65.0	1	RAMP D	62+00.00	RT 70.0	1
CH18	208+00.00	RT 65.0	1	RAMP D	63+00.00	RT 55.38	1
CH18	211+00.00	RT 65.0	1	870E	1+50.00	RT 22.0	1
CH18	211+22.00	RT 75.0	1	870E	2+50.00	RT 40.0	1
CH18	211+77.00	RT 75.0	1	870E	5+27.37	RT 40.0	1
CH18	212+00.00	RT 60.0	1	870E	6+75.00	RT 60.0	1
CH18	218+00.00	RT 60.0	1	870E	1+50.00	LT 22.0	1
CH18	224+00.00	RT 60.0	1	870E	2+50.00	LT 35.0	1
CH18	225+00.00	RT 65.0	1	870E	4+13.00	LT 35.0	1
CH18	233+85.00	RT 65.0	1	870E	5+35.00	LT 40.0	1
CH18	238+00.00	RT 65.0	1	870E	6+75.00	LT 60.0	1
CH18	240+00.00	RT 75.0	1	CONTRACT TOTAL			96
CH18	240+51.02	RT 150.0	1				
CH18	258+34.33	RT 213.93	1				
CH18	259+00.00	RT 135.0	1				
CH18	264+02.00	RT 103.63	1				
CH18	264+60.00	RT 100.0	1				
CH18	264+88.24	RT 134.59	1				
CH18	266+09.97	RT 100.56	1				
CH18	266+50.00	RT 75.0	1				
CH18	275+00.00	RT 75.0	1				
CH18	276+00.00	RT 70.0	1				
CH18	169+25.00	LT 60.0	1				
CH18	170+23.59	LT 120.61	1				
CH18	171+13.49	LT 124.93	1				
CH18	171+50.00	LT 70.0	1				
CH18	176+00.00	LT 70.0	1				
CH18	178+00.00	LT 60.0	1				
CH18	186+00.00	LT 60.0	1				
CH18	194+00.00	LT 60.0	1				
CH18	195+00.00	LT 55.0	1				
CH18	198+31.98	LT 55.0	1				
CH18	206+00.00	LT 55.0	1				
CH18	208+00.00	LT 65.0	1				
CH18	211+50.00	LT 65.0	1				
CH18	217+00.00	LT 65.0	1				
CH18	223+75.00	LT 65.0	1				
CH18	224+20.50	LT 100.0	1				
CH18	224+70.00	LT 105.0	1				
CH18	225+25.00	LT 60.23	1				
CH18	233+85.00	LT 59.94	1				
CH18	235+33.00	LT 59.89	1				
CH18	238+00.00	LT 59.80	1				
CH18	240+00.00	LT 80.0	1				
CH18	240+61.02	LT 116.10	1				
CH18	258+49.33	LT 175.0	1				
CH18	259+50.00	LT 140.0	1				
CH18	262+00.00	LT 120.0	1				
CH18	267+00.00	LT 70.0	1				
CH18	275+65.00	LT 70.0	1				
CH18	275+95.06	LT 147.76	1				
CH18	276+38.97	LT 175.0	1				
CH18	276+70.00	LT 70.0	1				
700E	60+00.00	RT 27.50	1				
700E	61+00.00	RT 40.0	1				
700E	67+00.00	RT 40.0	1				
700E	68+00.00	RT 45.0	1				
700E	75+00.00	RT 45.0	1				
700E	76+00.00	RT 25.0	1				
700E	60+00.00	LT 27.50	1				
700E	61+00.00	LT 40.0	1				
700E	67+00.00	LT 40.0	1				
700E	68+00.00	LT 50.0	1				
700E	75+00.00	LT 45.0	1				
700E	76+00.00	LT 30.0	1				
RAMP A	14+34.33	RT 45.0	1				
RAMP A	16+50.00	RT 45.0	1				
RAMP A	17+50.00	RT 60.0	1				
RAMP A	26+00.00	RT 60.0	1				

WOVEN WIRE FENCE REMOVAL

BEG STA	ROADWAY	END STA	ROADWAY	LENGTH (FT)
33+48.09	RAMP C	63+00.00	RAMP D	3890
39+00.00	RAMP B	14+34.31	RAMP A	3803
CONTRACT TOTAL				7693

EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS

ROADWAY	STATION	TYPE	DESCRIPTION	AREA (SQ FT)
CH18	168+17.40	SYMBOL	LEFT ARROW	16
CH18	168+17.40	SYMBOL	RIGHT ARROW	16
CH18	168+97.40	SYMBOL	LEFT ARROW	16
CH18	168+97.40	SYMBOL	RIGHT ARROW	16
CH18	169+76.91	SYMBOL	LEFT ARROW	16
CH18	169+76.91	SYMBOL	RIGHT ARROW	16
CH18	171+72.00	SYMBOL	LEFT ARROW	16
CH18	171+72.00	SYMBOL	RIGHT ARROW	16
CH18	172+51.42	SYMBOL	LEFT ARROW	16
CH18	172+51.42	SYMBOL	RIGHT ARROW	16
CH18	173+31.42	SYMBOL	LEFT ARROW	16
CH18	173+31.42	SYMBOL	RIGHT ARROW	16
CH18	242+55.24	SYMBOL	LEFT ARROW	16
CH18	243+35.24	SYMBOL	LEFT ARROW	16
CH18	244+15.24	SYMBOL	LEFT ARROW	16
CH18	244+45.24	SYMBOL	LEFT ARROW	16
CH18	253+55.24	SYMBOL	LEFT ARROW	16
CH18	254+35.24	SYMBOL	LEFT ARROW	16
CH18	255+15.24	SYMBOL	LEFT ARROW	16
CH18	255+95.24	SYMBOL	LEFT ARROW	16
CONTRACT TOTAL				320

WOVEN WIRE FENCE, 4'

BEG STA	ROADWAY	END STA	ROADWAY	LENGTH (FT)
33+48.09	RAMP C	264+60.00	CH 18	2803
233+85.00	CH 18	39+00.00	RAMP B	2432
264+60.00	CH 18	63+00.00	RAMP D	2792
14+34.31	RAMP A	233+85.00	CH 18	2732
CONTRACT TOTAL				10,759

EPOXY PAVEMENT MARKING - LINE 4"

ROADWAY	BEG STA	END STA	OFFSET	LENGTH (FOOT)
CH18	166+00.00	179+46.78	LT,EOP	1472
CH18	166+00.00	179+46.78	RT,EOP	1472
CH18	230+00.00	270+00.00	LT,EOP	3676
CH18	230+00.00	270+00.00	RT,EOP	3718
CH18	166+00.00	179+46.78	TURNLANE @ 700E	3047
CH18	232+43.56	264+89.80	MEDIANS/TURNLANES/ISLANDS	7231
CH18	230+00.00	270+00.00	¢	795
RAMP A	9+85.13	35+68.10	LT,RT	4595
RAMP B	20+23.00	49+15.50	LT,RT	4954
RAMP C	29+80.77	55+90.93	LT,RT	4644
RAMP D	40+23.00	69+90.22	LT,RT	5105
CONTRACT TOTAL				40,709

EPOXY PAVEMENT MARKING - LINE 8"

ROADWAY	BEG STA	END STA	OFFSET	LENGTH (FOOT)
RAMP A	12+62.09	16+60.09	LT	796
RAMP C	32+62.03	36+60.96	LT	798
CONTRACT TOTAL				1594

RAISED REFLECTIVE PAVEMENT MARKERS

ROADWAY	STATION	OFFSET	EACH
RAMP A	9+85.93 TO 18+00.09	0.50' LT	41
RAMP A	12+62.09 TO 16+60.09	LT	20
RAMP C	29+80.77 TO 38+00.96	0.50' LT	42
RAMP C	32+62.03 TO 36+60.96	LT	20
CONTRACT TOTAL			123

EPOXY PAVEMENT MARKING - LINE 24"

ROADWAY	STATION	LENGTH (FOOT)
CH18	240+61+54, LT	18
CH18	241+50.92, LT	18
CH18	256+99.43, RT	18
CH18	257+88.80, RT	18
CONTRACT TOTAL		72

CONCRETE SHOULDER CURB

ROADWAY	BEG STA	END STA	OFFSET	LENGTH (FOOT)
CH18	244+04.97	244+19.97	RT	15
CH18	245+99.97	246+14.97	RT	15
CH18	247+04.97	247+19.97	LT	15
CH18	253+25.37	253+40.37	RT	15
CH18	253+40.37	253+55.37	LT	15
CH18	256+25.37	256+40.37	LT	15
CONTRACT TOTAL				90

REMOVE CONCRETE FOUNDATION - GROUND MOUNTED

ROADWAY	STATION	OFFSET	QUANTITY (EA.)
RAMP B	43+06.00	RT	2
CONTRACT TOTAL			2

BITUMINOUS SHOULDER CURB

ROADWAY	BEG STA	END STA	OFFSET	LENGTH (FOOT)
CH18	244+19.97	245+99.97	RT	180
CH18	246+14.97	247+82.49	RT	168
CH18	250+62.49	253+25.37	RT	263
CH18	247+19.97	247+88.09	LT	68
CH18	250+68.09	253+40.37	LT	272
CH18	253+55.37	256+25.37	LT	270
CH18	256+40.37	256+43.74	LT	3
CONTRACT TOTAL				1224

REMOVE SIGN PANEL - TYPE 3

ROADWAY	STATION	OFFSET	QUANTITY (SQ. FT.)
RAMP B	43+06.00	RT	96
CONTRACT TOTAL			96

REMOVE GROUND MOUNTED SIGN SUPPORT

ROADWAY	STATION	OFFSET	QUANTITY (EA.)
RAMP B	43+06.00	RT	2
CONTRACT TOTAL			2

THERMOPLASTIC PAVEMENT MARKING-LINE, 4"

ROADWAY	BEG STA	END STA	OFFSET	LENGTH (FOOT)
CH18	179+46.78	230+00.00		

F.A.S. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES	228	21
STA. TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

TERMINAL MARKER-DIRECT APPLIED

ROADWAY	STATION	QUANTITY (EA)
CH18	244+06.84	1
CH18	247+12.44	1
CH18	253+38.14	1
CH18	256+43.74	1
RAMP B	38+08.00	1
CONTRACT TOTAL		5

THERMOPLASTIC PAVMENT MARKING REMOVAL

ROADWAY	STATION	STATION	SQ.FT.
RAMP A	9+85.93	TO 16+60.09	225
RAMP B	40+33.34	TO 49+15.50	294
RAMP C	29+80.77	TO 36+60.96	227
RAMP D	61+10.12	TO 69+90.22	293
CONTRACT TOTAL			1039

SURVEY MARKER, TYPE 1 (SPECIAL)

ROADWAY	STATION	OFFSET	EACH
C.H. 18	170+82.70	75.65' RT	1
C.H. 18	171+81.22	85.43' RT	1
C.H. 18	224+68.09	60.25' LT	1
C.H. 18	250+84.26	59.36' LT	1
C.H. 18	276+33.67	54.45' LT	1
C.H. 18	277+21.57	54.28' LT	1
CONTRACT TOTAL			6

SAW CUTTING, (FULL DEPTH)

ROADWAY	BEG STA	END STA	LENGTH (FT)
RAMP A	10+00.00	16+60.09	670
RAMP B	36+24.31	48+83.34	1269
RAMP C	30+00.00	36+60.96	670
RAMP D	57+10.91	69+60.12	1259
CONTRACT TOTAL			3868

BARRICADES, TYPE III

ROADWAY	STA	QUANTITY (EACH)
CH18	278+00.00	4
CONTRACT TOTAL		4

PARTIAL REMOVAL OF EXISTING STRUCTURES

ROADWAY	STATION	QUANTITY (EA)
RAMP B	39+81.61, RT	1
RAMP C	31+36.72, RT	1
CONTRACT TOTAL		2

DRILL AND GROUT #6 TIE BARS

ROADWAY	BEG STA	END STA	QUANTITY (EACH)
RAMP A	10+00.00	16+60.09	330
RAMP B	36+24.31	48+83.34	630
RAMP C	30+00.00	36+60.96	330
RAMP D	57+10.91	69+60.12	625
CONTRACT TOTAL			1915

IMPACT ATTENUATORS (SEVERE USE, WIDE), TEST LEVEL 3

ROADWAY	LOCATION	QUANTITY (EACH)
I-57	EITHER SIDE OF BRIDGE PIER	2
CONTRACT TOTAL		2

GUARDRAIL AGGREGATE EROSION CONTROL

ROADWAY	BEG STA	END STA	OFFSET	TONS
C.H. 18	242+72.84	248+14.99	RT	55
C.H. 18	246+78.44	248+20.59	LT	18
C.H. 18	250+29.99	253+72.14	RT	42
C.H. 18	250+35.59	256+71.94	LT	79
CONTRACT TOTAL				3868 194

PAVING SCHEDULE

STA. TO STA.	PROCESSING LIME MODIFIED SOILS 12"	AGGREGATE BASE COURSE, TYPE A 4"	AGGREGATE BASE COURSE, TYPE A 10"	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)	BIT. CONCRETE SURFACE COURSE, SUPERPAVE, IL 9.5L (LOW ESAL)	BIT. CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 8"	BIT. CONCRETE PAVEMENT (FULL-DEPTH), SUPERPAVE, 11"
	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD
COUNTY HIGHWAY 18								
166+00.00 TO 179+46.78	7935	7935		7445				
179+46.78 TO 230+00.00	16201							13941
230+00.00 TO 248+15.29	8677	7265		6285				
250+35.29 TO 270+00.00	9577	7942		6906				
270+00.00 TO 278+00.00	3650							2364
RAMP A								
10+00.00 TO 35+68.10	5898	5898			5124			
RAMP B								
20+23.00 TO 48+83.34	5880	5880			5150			
RAMP C								
30+00.00 TO 55+90.93	5967	5967			5202			
RAMP D								
40+23.00 TO 69+60.12	6025	6025			5269			
TOWNSHIP ROAD 700								
60+00.00 TO 69+21.20	2850						2441	
71+82.95 TO 76+78.60	1530						1310	
TOWNSHIP ROAD 780								
6+00.00 TO 9+36.91	957		808			136		
TOWNSHIP ROAD 800								
10+62.90 TO 12+35.00	418		341			57		
TOWNSHIP ROAD 870								
1+50.00 TO 9+32.69	1918		1570			264		
TOWNSHIP ROAD 900								
10+62.20 TO 12+53.54	512		427			72		
CONTRACT TOTAL	77995	46912	3146	20636	20745	529	3751	16305

FURNISHED EXCAVATION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF QUANTITIES-4
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE: 08/11/2005

DRAWN BY: JAP
 CHECKED BY: SKM



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08/11/2005
 I:\ST\1085\ST_620289\CH18\Map\6-631-SCH-02.dgn
 LAYOUT: JAP 12/26/03
 DRAWN: JAP 12/26/03
 REVISIONS: SKM 01/29/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CULVERT DRAINAGE SCHEDULE

STATION	ROADWAY	PIPE CULVERTS					BOX CULVERTS			END SECTIONS						GRATING FOR END SECTIONS			INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	MANHOLES, TY A, 4' DIA, TY 1 FRAME, CLOSED LID	FLARED END SECTION REMOVAL		
		RCCP, TY 1 (FOOT)			TYPE 1, CS/A EQ RS (FOOT)		PRECAST CONC. (FOOT)			PRECAST REINF. CONC. FLARED END SECTIONS (EACH)			METAL END SECT., ERS (EA)		PRECAST CONC. BOX CULV. END SECTIONS (EA)		PRECAST REINF. CONC. FLARED END SECTIONS (EACH)					PRECAST CONC. BOX CULV. END SECTIONS (EA)	
		15"	24"	36"	24"	36"	6'x3'	6'x3' (M273)	8'x4' (M273)	15"	24"	36"	24"	36"	6'x3'	8'x4'	36"	6'x3'				8'x4'	
170+12.00	CH18			87									2										
171+37.00	CH18			91									2										
176+40.00	CH18, F.E.				32								2										
185+00.00	CH18, F.E.				32								2										
185+00.00	CH18, F.E.				32								2										
190+37.00	CH18							3 @ 90							6				6				
205+00.00	CH18, F.E.				48								2										
205+00.00	CH18, F.E.				48								2										
213+00.00	CH18, F.E.				40								2										
223+61.00	CH18		60									2											
224+49.16	CH18, F.E.				43								2										
248+44.00	CH18			111									2										
250+09.00	CH18			119									2										
265+00.00	CH18						151								2								
275+60.00	CH18		60										2										
276+19.52	CH18, F.E.				42								2										
68+26.83	700E, F.E.					48								2									
68+26.83	700E, P.E.					38								2									
73+22.40	700E, P.E.				30								2										
10+44.00	800E					54								2									
11+25.00	800E, F.E.				29								2										
10+38.00	900E				59								2										
11+25.00	900E, F.E.				29								2										
15+00.00	RAMP A	38								1										1			
16+00.00	RAMP A	40								1										1			
18+41.00	RAMP A			27								1					1						1
18+77.00	RAMP A																				1		
23+50.00	RAMP A			2 @ 48								4											
30+00.00	RAMP B						76							2				2					
36+75.00	RAMP B	33								1										1			
*39+81.61	RAMP B																						
*31+36.72	RAMP C																						
34+00.00	RAMP C	40								1										1			
34+37.00	RAMP C		8								1												1
35+75.00	RAMP C	47								1										1			
39+21.00	RAMP C			62								1					1						1
41+00.00	RAMP C			57								2											
50+00.00	RAMP C			143								2											
41+36.00	RAMP D						206							2				2					
56+81.50	RAMP D																				1		
57+27.58	RAMP D			12								1						1					1
57+50.00	RAMP D	36								1										1			
TOTAL		234	8	925	421	183	357	76	270	6	1	23	22	8	6	6	3	4	6	6	6	2	4

* SEE BOX CULVERT EXTENSION PLANS, SHEETS 135 & 136.



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07/13/2005
 ASST 1005587
 02028888/MS/SHAW-C601_02/tra/dgr
 LAYOUT: SNW 12/26/03
 DESIGN: MNM 12/26/03
 REVIEWED: MWM 01/05/04

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		CULVERT DRAINAGE SCHEDULE	
		FAI-57, FAS 642	
		SEC NO. 15-23K, 99-00124-02-PV	
		COLES COUNTY, ILLINOIS	
		SCALE: NOT TO SCALE	DRAWN BY: MNM
		DATE: 07/13/2005	CHECKED BY: SKM

DRAINAGE SCHEDULES FOR CH. 18

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INLETS/GRATES/MANHOLE

STRUCTURE NUMBER	STATION	OFFSET	END SECTIONS		INLET BOXES							REFERENCE ELEVATION	
			METAL END SECTIONS 12" (EA)	PRECAST REINF. CONC. FLARED END SECTIONS 12" (EA)	INLETS, TY A TYPE 12 FRAME & GRATE (EA)	INLETS, TY B TYPE 12 FRAME & GRATE (EA)	TYPE D INLET BOX (EA)	TYPE E INLET BOX (EA)	GRATES, TYPE A (EA)	CONC. THRUST BLOCKS (EA)	MANHOLES, TYPE A 4' DIAMETER TYPE 37 GRATE		
1	239+98.31	31.75' LT.								1			699.97
2	239+98.31	53.75' LT.	1								1		
3	240+45.70	31.75' RT.								1			700.87
4	240+45.70	74.00' RT.	1								1		
5	242+40.00	3.30' RT.					1						705.20
6	242+40.00	75.80' RT.		1									
7	243+40.00	3.30' RT.			1								706.89
8	244+11.00	31.00' RT.							1				707.31
9	244+11.00	102.72' RT.	1							1			
10	244+40.00	3.30' RT.			1								708.31
11	246+05.00	31.00' RT.							1				709.46
12	246+05.00	119.12' RT.	1							1			
13	247+15.00	31.00' LT.							1				710.23
14	247+15.00	123.00' LT.	1							1			
15	247+98.46	31.42' RT.						1					710.58
16	247+98.46	129.00' RT.	1							1			
17	248+04.12	31.42' LT.						1					710.60
18	248+04.12	129.00' LT.	1							1			
19	250+46.46	31.42' RT.						1					710.59
20	250+46.46	86.00' RT.	1							1			
21	250+52.12	31.42' LT.						1					710.57
22	250+52.12	88.33' LT.	1							1			
23	253+33.00	31.00' RT.							1				708.57
24	253+33.00	127.21' RT.	1							1			
25	253+45.00	31.00' LT.							1				708.44
26	253+45.00	130.00' LT.	1							1			
27	254+10.00	3.30' LT.			1								708.27
28	255+10.00	3.30' LT.			1								706.84
29	256+10.00	3.30' LT.				1							705.14
30	256+10.00	133.00' RT.		1									
31	256+35.00	31.00' LT.							1				704.06
32	256+13.62	137.76' LT.	1							1			
33	258+04.65	31.75' LT.							1				700.76
34	258+72.39	118.07' LT.	1							1			
35	258+52.18	31.75' RT.							1				699.84
36	258+74.47	117.78' RT.	1							1			
37	223+61.00	44.91' LT.									1		684.76
38	223+61.00	44.91' RT.									1		684.65
TOTALS			14	2	4	2	4	6	4	14	2		

FROM STRUCTURE	INVERT ELEVATION	TO STRUCTURE	INVERT ELEVATION	PIPE DRAINS 12" (FOOT)	PIPE CULVERT TY 1, RCCP 12" (FOOT)	STORM SEWERS CLASS A, TY 1, 12" (FOOT)	STORM SEWERS CLASS A, TY 1, 24" (FOOT)
1	698.30	2	693.45	22			
3	699.20	4	692.09	43			
5	701.70	6	692.27		66		
7	703.39	5	701.70			98	
10	704.81	7	703.39			98	
8	704.65	9	689.65	78			
11	706.80	12	687.58	94			
13	707.56	14	687.63	98			
15	708.58	16	686.94	101			
17	708.60	18	686.94	101			
19	708.59	20	684.75	60			
21	708.57	22	683.42	63			
23	705.91	24	680.80	100			
25	705.78	26	680.00	105			
27	704.77	28	703.34			98	
28	703.34	29	701.64			98	
29	701.64	30	678.00		125		
31	701.40	32	680.00	115			
33	699.09	34	676.80	110			
35	698.17	36	676.79	89			
37	**	38	**				88
38	**	OUTLET	**				14
TOTALS				1179	191	392	102

** INVERT ELEVATIONS TO BE DETERMINED IN THE FIELD.

PIPE UNDERDRAIN 4" (SPECIAL) ALONG CH. 18

SEE STANDARDS 601001 AND 601101 FOR MORE INFORMATION

STATION	OFFSET	PIPE UNDERDRAIN 4" (SPECIAL) (FOOT)	CONC. HEADWALL FOR PIPE DRAINS (EA)
STA. 235+19.64	LT.	27	1
STA. 236+09.23	RT.	30	1
STA. 238+00.00	LT.	27	1
STA. 238+00.00	RT.	28	1
STA. 242+35.24	RT.	29	1
STA. 246+00.00	RT.	30	1
STA. 246+22.50	LT.	35	1
STA. 252+28.27	RT.	36	1
STA. 253+00.00	LT.	28	1
STA. 256+15.24	LT.	32	1
STA. 260+00.00	LT.	28	1
STA. 260+00.00	RT.	27	1
STA. 262+41.12	LT.	24	1
STA. 263+30.71	RT.	27	1
TOTAL		408	14

PIPE UNDERDRAIN, 4" ALONG CH. 18

SEE STANDARD 601001 FOR MORE INFORMATION

STATION TO STATION	OFFSET	PIPE UNDERDRAIN, 4" (FOOT)
STA. 235+19.64 TO STA. 240+96.07	LT.	577
STA. 246+22.50 TO STA. 248+15.51	LT.	193
STA. 250+36.41 TO STA. 256+15.24	LT.	579
STA. 257+07.55 TO STA. 262+41.12	LT.	534
STA. 236+09.23 TO STA. 241+42.80	RT.	534
STA. 242+35.24 TO STA. 248+14.17	RT.	579
STA. 250+35.07 TO STA. 252+28.27	RT.	193
STA. 257+54.28 TO STA. 263+30.71	RT.	577
TOTAL		3766

* TRANSVERSE DRAINS

ROADWAY	STATION	QUANTITY (EA.)	CONCRETE HEADWALL FOR PIPE DRAINS
CH 18	242+50.00	2	
CH 18	247+00.00	2	
CH 18	252+00.00	2	
CH 18	256+00.00	2	
TOTAL			8

* SEE DETAIL, SHEET NO. 26 FOR MORE INFORMATION.

REVISIONS	
NAME	DATE

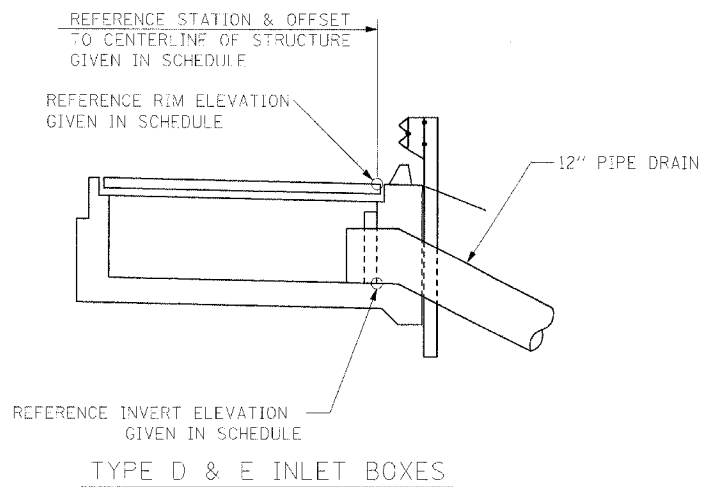
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRAINAGE SCHEDULES FOR C.H. 18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: NOT TO SCALE
 DATE: 07/13/2005
 DRAWN BY: MNM
 CHECKED BY: SKM



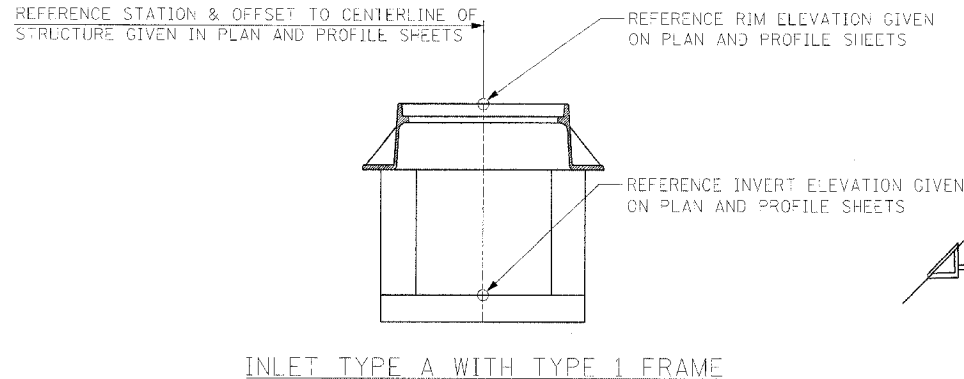
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07/13/2005
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 SKM 12/26/03
 VMM 12/26/03
 JMM 01/05/04

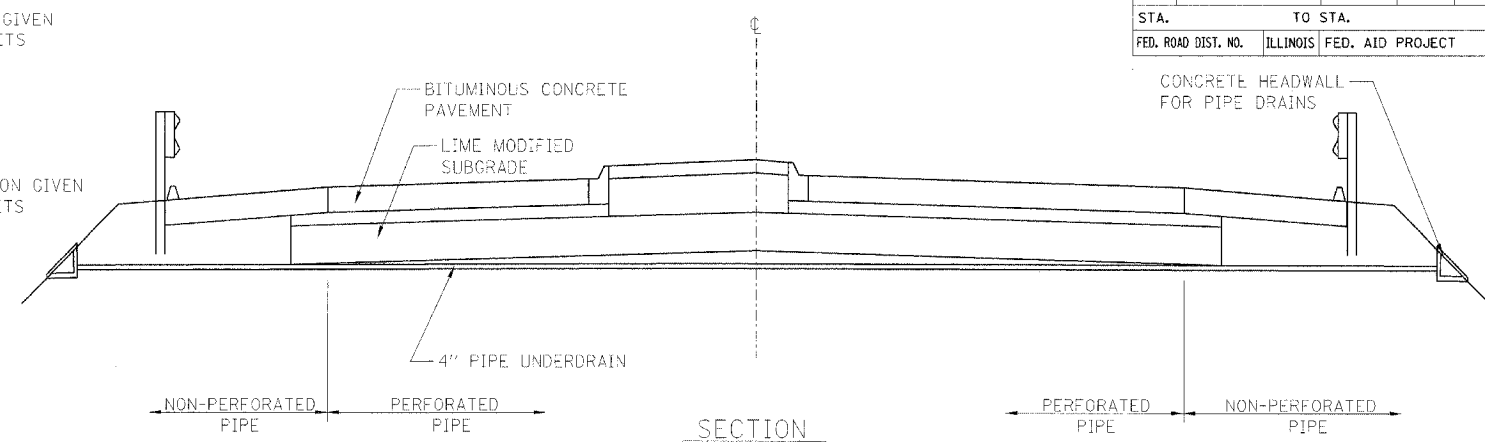
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



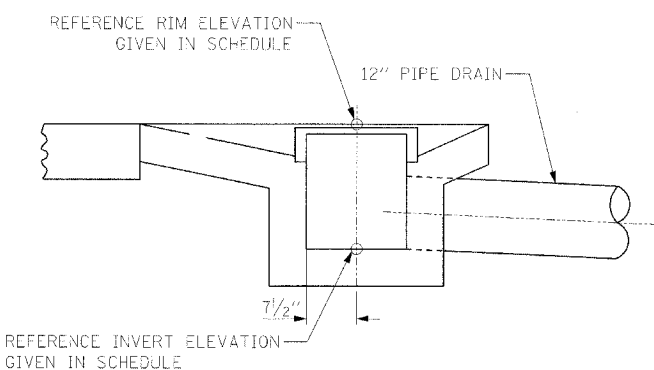
TYPE D & E INLET BOXES



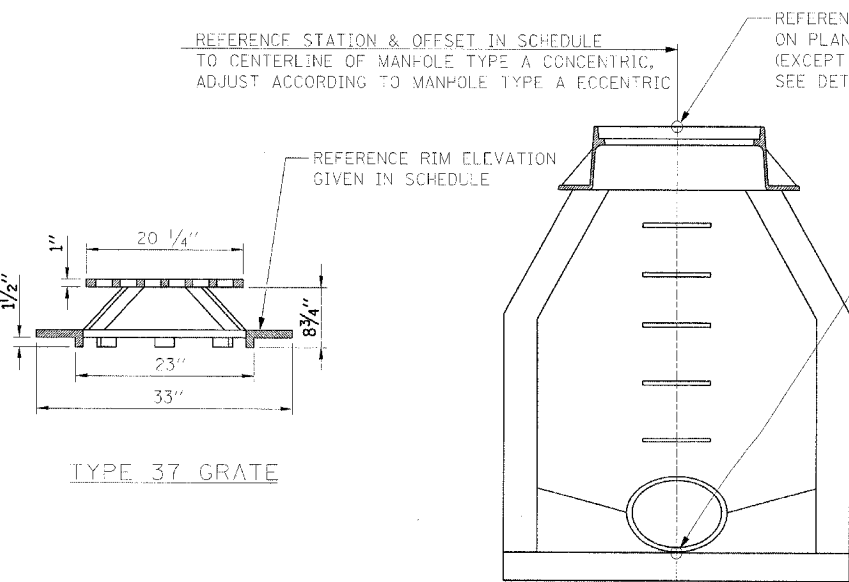
INLET TYPE A WITH TYPE 1 FRAME



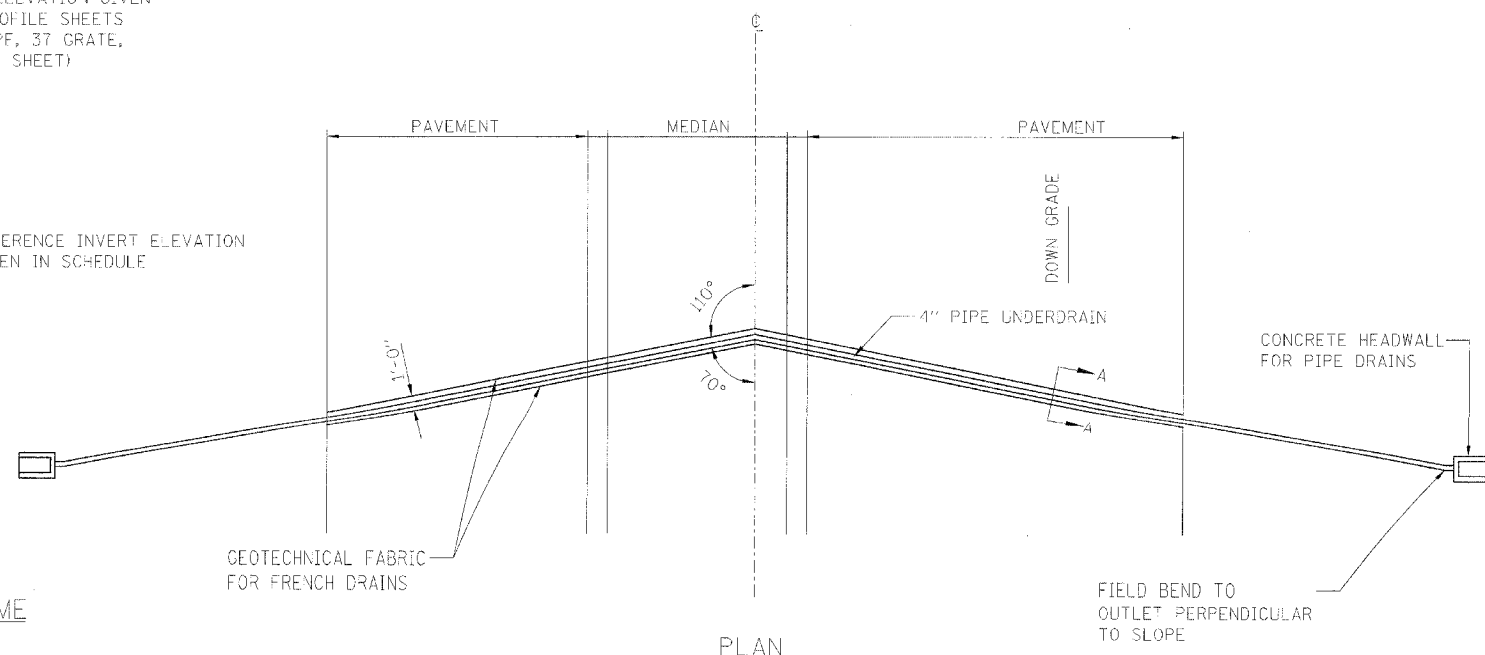
SECTION



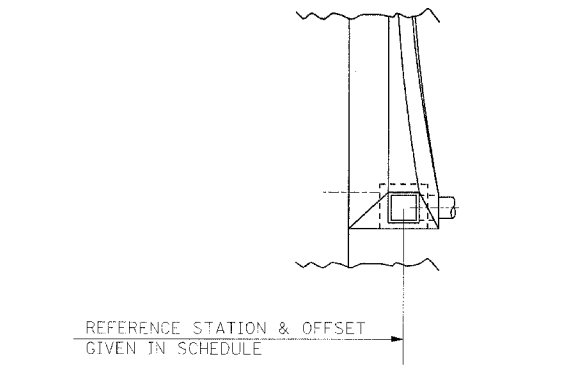
GRATE TYPE A WITH TYPE 1 OUTLET STANDARD 606006



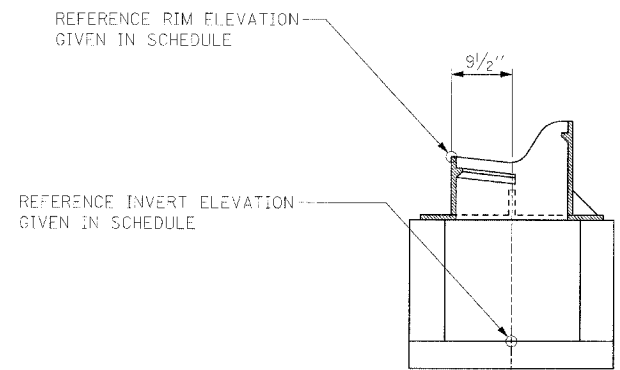
MANHOLE TYPE A, 4' DIA, TYPE 1 FRAME



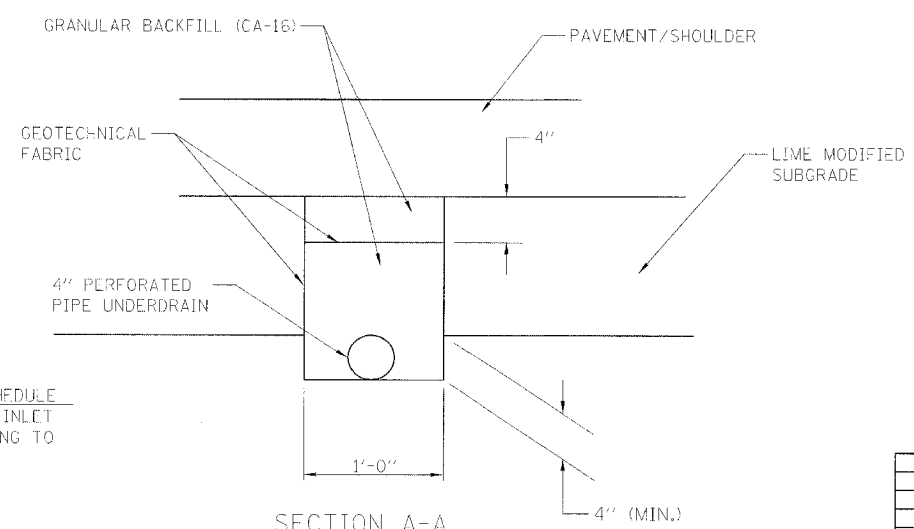
PLAN



GRATE TYPE A WITH TYPE 1 OUTLET PLAN VIEW



TYPE 12 FRAME AND GRATE



SECTION A-A TRANSVERSE DRAIN DETAIL

GENERAL NOTES

TRANSVERSE DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO FABRIC ENVELOPE IS REQUIRED ON NON-PERFORATED PIPE AND THE GRANULAR BACKFILL GRADATION SHALL BE CA-16 GRAVEL.

GEOTECHNICAL FABRIC SHALL BE NON-WOVEN NEEDLE PUNCHED MATERIAL.

CONCRETE HEADWALL FOR PIPE DRAINS WILL BE PAID FOR SEPARATELY. ALL OTHER MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE COST PER UNIT TRANSVERSE DRAINS.

SKUEW TRANSVERSE DRAIN 20° FORWARD IN DIRECTION OF FLOW.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

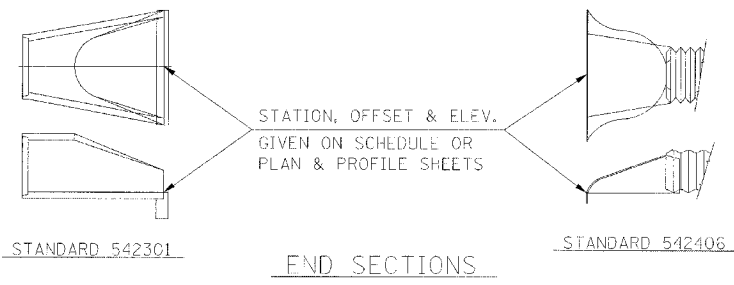
DRAINAGE DETAILS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 07/13/2005

DRAWN BY: MNM
 CHECKED BY: SKM

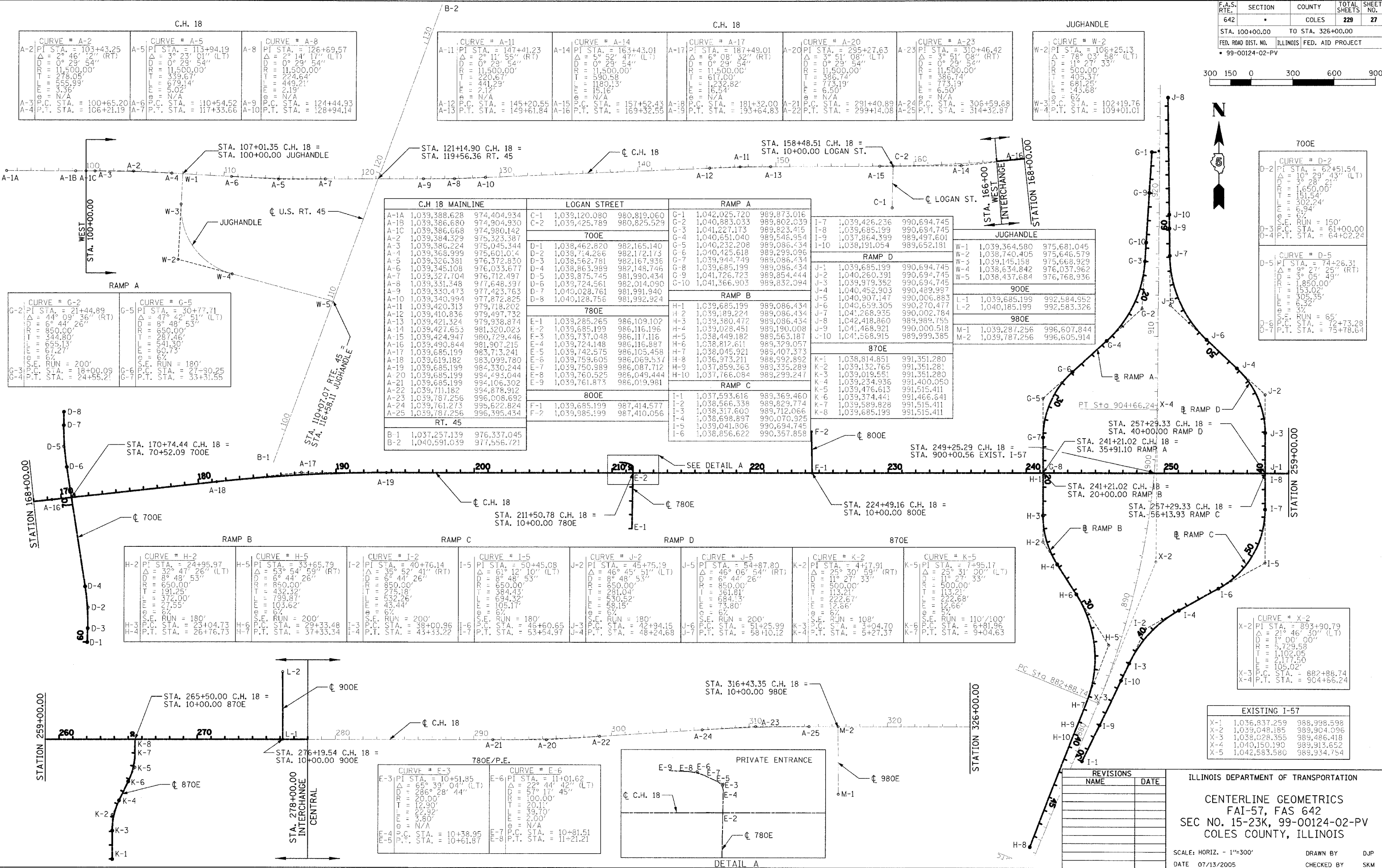
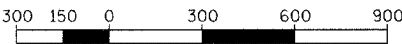


07/13/2005
 SKM 12/26/03
 MNM 12/26/03
 JWR 10/29/04
 INSR 10655 974202896001 Sheet C-603_02.rvt.dwg



END SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	*	COLES	229	27
STA. 100+00.00		TO STA. 326+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 99-00124-02-PV				



C.H. 18		
CURVE # A-2 PI STA. = 103+43.25 Δ = 2° 46' 22" (RT) D = 0° 29' 54" R = 11,500.00' T = 278.05' E = 555.93' L = 336.52' P.C. STA. = 100+65.20 P.T. STA. = 106+21.19	CURVE # A-5 PI STA. = 113+94.19 Δ = 3° 23' 01" (LT) D = 0° 29' 54" R = 11,500.00' T = 339.67' E = 679.14' L = 5.02' P.C. STA. = 110+54.52 P.T. STA. = 117+33.66	CURVE # A-8 PI STA. = 126+69.57 Δ = 2° 14' 17" (LT) D = 0° 29' 54" R = 11,500.00' T = 224.64' E = 449.21' L = N/A P.C. STA. = 124+44.93 P.T. STA. = 128+94.14

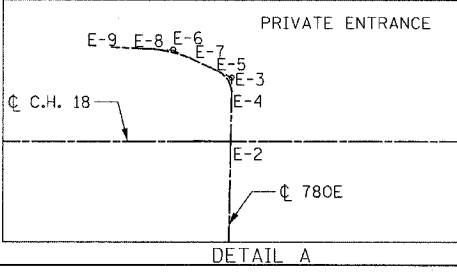
C.H. 18					
CURVE # A-11 PI STA. = 147+41.23 Δ = 2° 11' 55" (RT) D = 0° 29' 54" R = 11,500.00' T = 220.67' E = 441.29' L = 2.12' P.C. STA. = 145+20.55 P.T. STA. = 149+61.84	CURVE # A-14 PI STA. = 163+43.01 Δ = 5° 52' 47" (LT) D = 0° 29' 54" R = 11,500.00' T = 590.58' E = 1180.13' L = 15.16' P.C. STA. = 157+52.43 P.T. STA. = 169+32.55	CURVE # A-17 PI STA. = 187+49.01 Δ = 6° 08' 32" (RT) D = 0° 29' 54" R = 11,500.00' T = 617.00' E = 1,232.82' L = 16.54' P.C. STA. = 181+32.00 P.T. STA. = 193+64.83	CURVE # A-20 PI STA. = 295+27.63 Δ = 3° 51' 08" (LT) D = 0° 29' 54" R = 11,500.00' T = 386.74' E = 773.19' L = 6.50' P.C. STA. = 291+40.89 P.T. STA. = 299+14.08	CURVE # A-23 PI STA. = 310+46.42 Δ = 3° 51' 08" (RT) D = 0° 29' 54" R = 11,500.00' T = 386.74' E = 773.19' L = 6.50' P.C. STA. = 306+59.68 P.T. STA. = 314+32.87	CURVE # W-2 PI STA. = 106+25.13 Δ = 78° 03' 58" (LT) D = 11° 27' 33" R = 500.00' T = 502.54' E = 694.68' L = 6.7' P.C. STA. = 102+19.76 P.T. STA. = 109+01.01

JUGHANDLE	
CURVE # W-2 PI STA. = 106+25.13 Δ = 78° 03' 58" (LT) D = 11° 27' 33" R = 500.00' T = 502.54' E = 694.68' L = 6.7' P.C. STA. = 102+19.76 P.T. STA. = 109+01.01	CURVE # W-3 PI STA. = 106+25.13 Δ = 78° 03' 58" (LT) D = 11° 27' 33" R = 500.00' T = 502.54' E = 694.68' L = 6.7' P.C. STA. = 102+19.76 P.T. STA. = 109+01.01

C.H. 18 MAINLINE			LOGAN STREET		RAMP A		
A-1A 1,039,388.628	974,404.934	C-1 1,039,120.080	980,819.060	G-1 1,042,025.720	989,873.016	I-7 1,039,426.236	990,694.745
A-1B 1,039,386.680	974,904.930	C-2 1,039,425.789	980,825.529	G-2 1,040,883.033	989,802.039	I-8 1,039,685.199	990,694.745
A-1C 1,039,386.668	974,980.142	700E		G-3 1,041,227.173	989,823.455	I-9 1,037,864.399	989,497.601
A-2 1,039,384.329	975,323.387	D-1 1,038,462.820	982,165.140	G-4 1,040,651.040	989,548.954	I-10 1,038,191.054	989,652.181
A-3 1,039,386.224	975,045.344	D-2 1,038,714.266	982,172.173	G-5 1,040,232.208	989,086.434	JUGHANDLE	
A-4 1,039,368.999	975,601.014	D-3 1,038,562.781	982,372.936	G-6 1,040,425.618	989,299.096	W-1 1,039,364.580	975,681.045
A-5 1,039,326.381	976,372.830	D-4 1,038,863.989	982,148.746	G-7 1,039,944.749	989,086.434	W-2 1,038,740.405	975,646.579
A-6 1,039,345.108	976,033.677	D-5 1,039,875.745	981,990.434	G-8 1,039,685.199	989,086.434	W-3 1,039,145.158	975,668.929
A-7 1,039,327.704	976,712.497	D-6 1,039,724.561	982,014.090	G-9 1,041,726.723	989,854.444	W-4 1,038,634.842	976,037.962
A-8 1,039,331.348	977,648.397	D-7 1,040,028.761	981,991.940	G-10 1,041,366.903	989,832.094	W-5 1,038,437.684	976,768.936
A-9 1,039,330.473	977,423.763	800E		RAMP B		900E	
A-10 1,039,340.994	977,872.825	E-1 1,039,285.265	986,109.102	H-1 1,039,685.199	989,086.434	L-1 1,039,685.199	992,584.952
A-11 1,039,420.313	979,718.202	E-2 1,039,685.199	986,116.196	H-2 1,039,189.224	989,086.434	L-2 1,040,185.199	992,583.326
A-12 1,039,410.836	979,497.732	E-3 1,039,737.048	986,117.116	H-3 1,039,028.451	989,190.008	980E	
A-13 1,039,421.324	979,938.874	E-4 1,039,724.148	986,116.887	H-4 1,038,449.182	989,563.187	870E	
A-14 1,039,424.947	980,729.446	E-5 1,039,742.575	986,105.458	H-5 1,038,045.921	989,407.373	RAMP C	
A-15 1,039,490.844	981,907.215	E-6 1,039,759.605	986,069.537	H-6 1,036,973.211	988,992.892	RAMP D	
A-16 1,039,619.182	983,099.780	E-7 1,039,750.989	986,087.712	H-7 1,037,859.363	989,335.289	870E	
A-17 1,039,685.199	984,330.244	E-8 1,039,760.525	986,049.444	H-8 1,037,766.084	989,299.247	RAMP A	
A-18 1,039,619.182	984,878.912	E-9 1,039,761.873	986,019.981	H-9 1,037,593.616	989,369.460	RAMP B	
A-19 1,039,685.199	985,330.244	RT. 45		I-1 1,037,593.616	989,369.460	RAMP C	
A-20 1,039,685.199	985,493.044	F-1 1,039,685.199	987,414.577	I-2 1,038,566.338	989,829.774	RAMP D	
A-21 1,039,685.199	985,106.302	F-2 1,039,985.199	987,410.056	I-3 1,038,317.600	989,712.066	870E	
A-22 1,039,711.182	984,878.912	800E		I-4 1,038,698.987	990,070.925	RAMP A	
A-23 1,039,787.256	986,008.692	870E		I-5 1,039,041.806	990,694.745	RAMP B	
A-24 1,039,761.273	985,622.824	870E		I-6 1,038,856.622	990,357.858	RAMP C	
A-25 1,039,787.256	986,395.434	870E		RAMP D			
B-1 1,037,257.139	976,337.045	RT. 45		RAMP A			
B-2 1,040,591.039	977,556.721	RT. 45		RAMP B			

RAMP B		RAMP C		RAMP D		870E	
CURVE # H-2 PI STA. = 24+95.97 Δ = 32° 47' 26" (LT) D = 8° 48' 53" R = 650.00' T = 191.25' E = 372.00' L = 3.55' P.C. STA. = 23+04.73 P.T. STA. = 26+76.73	CURVE # H-5 PI STA. = 33+65.79 Δ = 53° 54' 59" (RT) D = 8° 48' 53" R = 650.00' T = 191.25' E = 372.00' L = 3.55' P.C. STA. = 29+33.48 P.T. STA. = 37+33.34	CURVE # I-2 PI STA. = 40+76.14 Δ = 35° 52' 41" (RT) D = 8° 48' 53" R = 650.00' T = 191.25' E = 372.00' L = 3.55' P.C. STA. = 38+00.96 P.T. STA. = 43+33.22	CURVE # I-5 PI STA. = 50+45.08 Δ = 61° 12' 10" (LT) D = 8° 48' 53" R = 650.00' T = 384.43' E = 694.32' L = 05.17' P.C. STA. = 46+60.65 P.T. STA. = 53+54.97	CURVE # J-2 PI STA. = 45+75.19 Δ = 46° 45' 51" (LT) D = 8° 48' 53" R = 650.00' T = 281.04' E = 530.52' L = 05.15' P.C. STA. = 42+94.15 P.T. STA. = 48+24.68	CURVE # J-5 PI STA. = 54+87.80 Δ = 46° 06' 54" (RT) D = 8° 48' 53" R = 650.00' T = 361.81' E = 694.32' L = 05.17' P.C. STA. = 51+25.99 P.T. STA. = 58+10.12	CURVE # K-2 PI STA. = 4+17.91 Δ = 25° 30' 59" (RT) D = 11° 27' 33" R = 500.00' T = 113.21' E = 222.67' L = 12.66' P.C. STA. = 3+04.70 P.T. STA. = 5+27.37	CURVE # K-5 PI STA. = 7+95.17 Δ = 25° 31' 00" (LT) D = 11° 27' 33" R = 500.00' T = 113.21' E = 222.68' L = 12.66' P.C. STA. = 6+81.96 P.T. STA. = 9+04.63

CURVE # E-3		CURVE # E-6	
PI STA. = 10+51.85 Δ = 65° 39' 04" (LT) D = 28° 28' 44" R = 20.00' T = 12.90' E = 22.92' L = 3.80' P.C. STA. = 10+38.95 P.T. STA. = 10+61.87	PI STA. = 11+01.62 Δ = 22° 44' 42" (LT) D = 57° 17' 45" R = 20.11' T = 39.70' E = 2.00' L = N/A P.C. STA. = 10+81.51 P.T. STA. = 11+21.21	PRIVATE ENTRANCE	



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
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

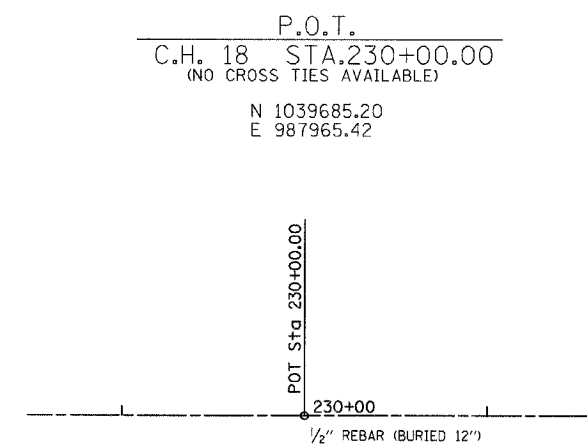
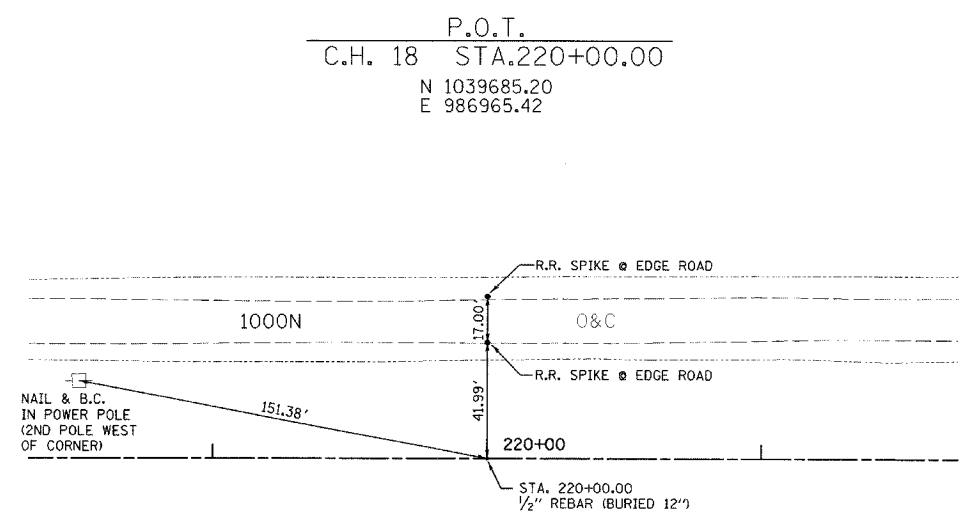
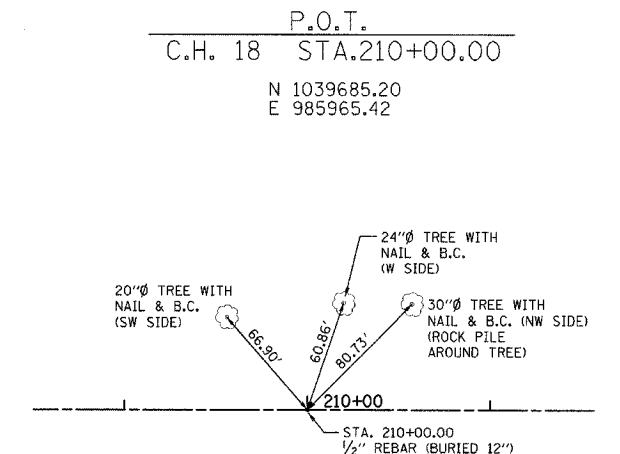
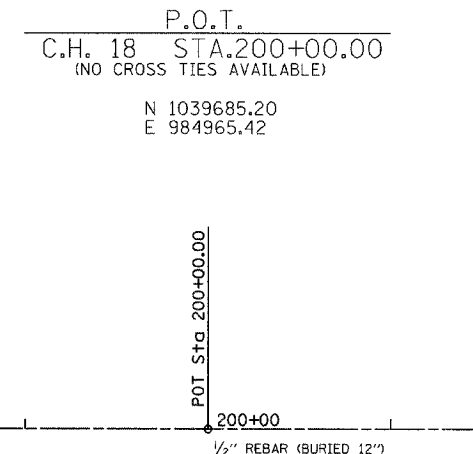
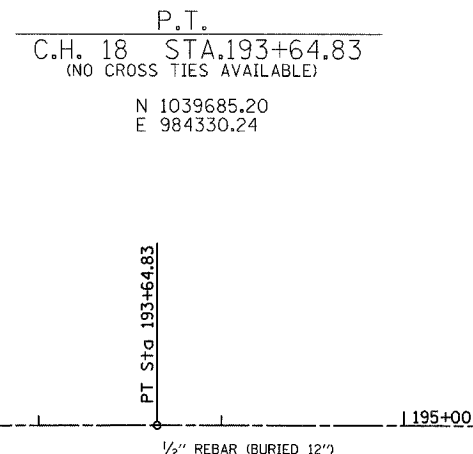
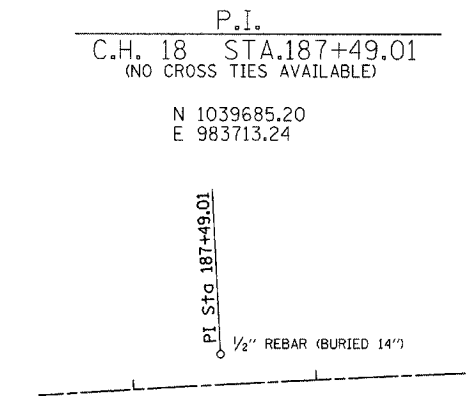
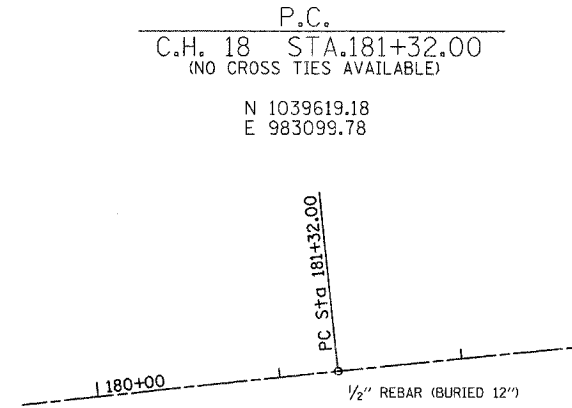
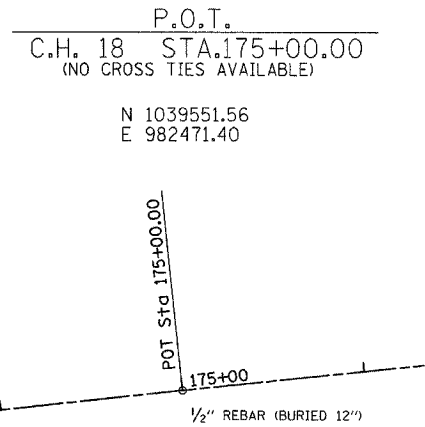
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 DATE 07/13/2005
 DRAWN BY DJP
 CHECKED BY SKM



07/13/2005
 INSTR. JOBS 97 & 20286/CN/Sheet 27 of 29

LAYOUT	DJP	12/26/03
DRAWN	DJP	12/26/03
REVIEWED	SKM	07/05/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

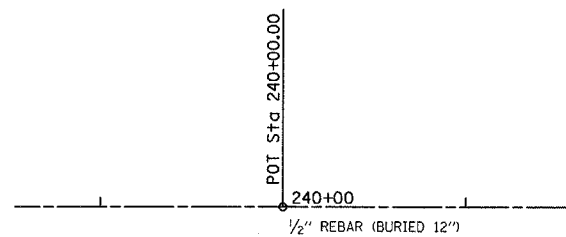
ILLINOIS DEPARTMENT OF TRANSPORTATION
SURVEY TIES
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS
SCALE: VERT. _____
HORIZ. _____
DATE 07/13/2005
DRAWN BY _____
CHECKED BY MED

TUG PROJ. 1391022-5
FILE ADDRESS

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	

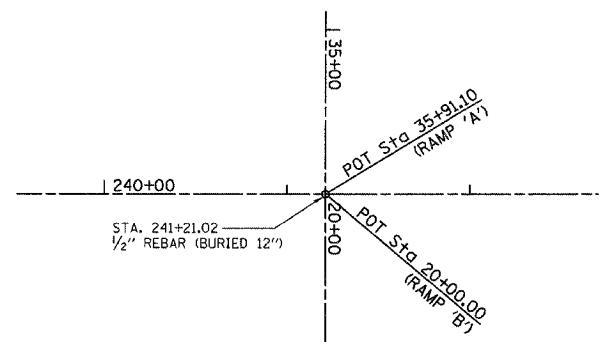
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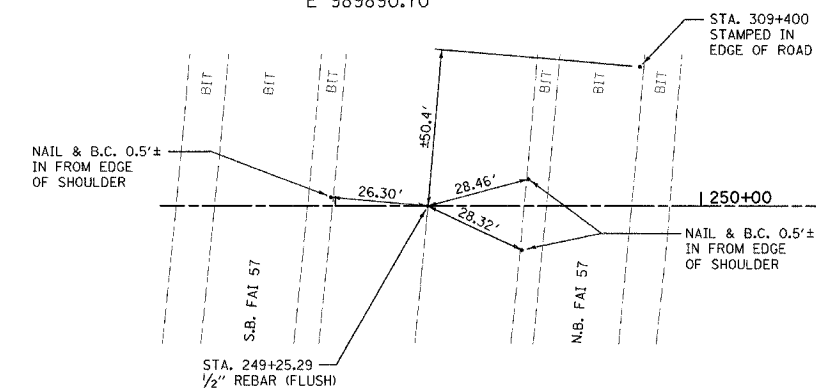
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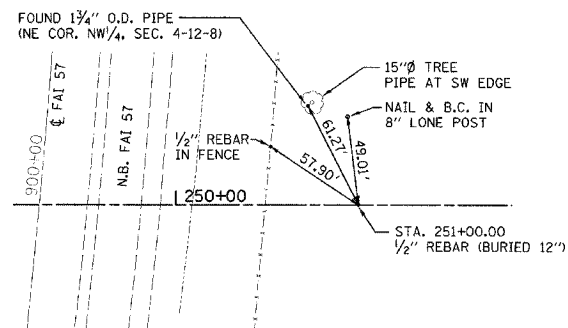
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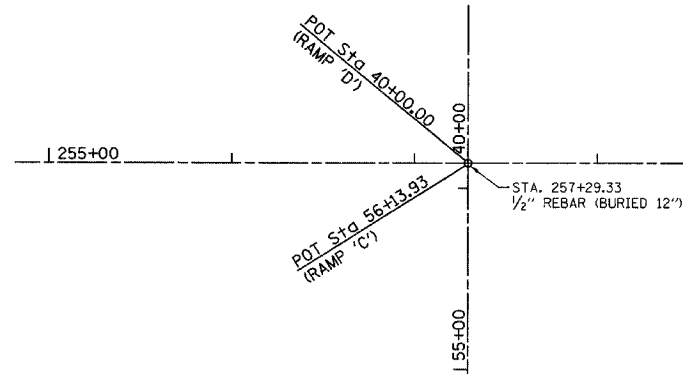
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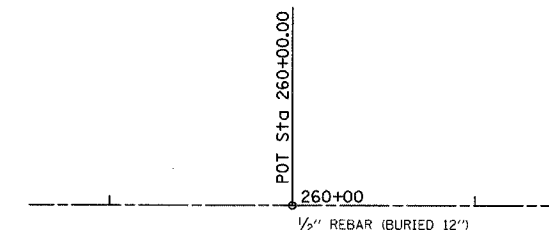
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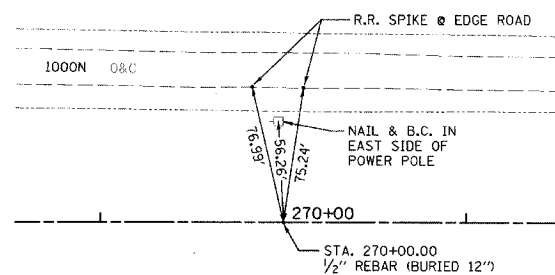
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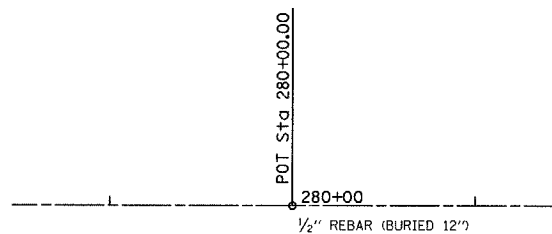
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E 991965.42



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

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E 992965.42



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

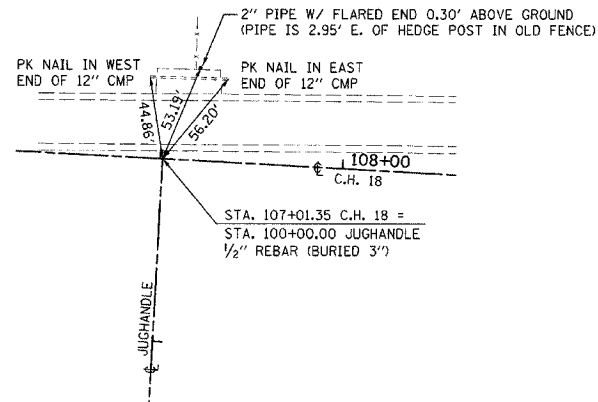
SURVEY TIES
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: VERT. N.T.S.
HORIZ. N.T.S.
DATE 07/13/2005

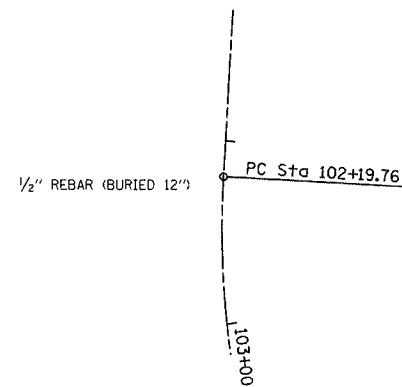
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CHECKED BY MED

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		

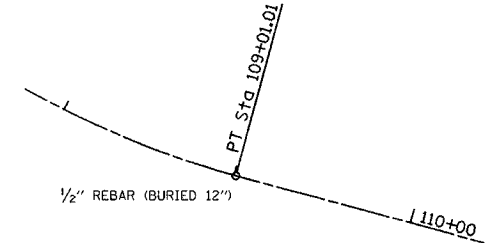
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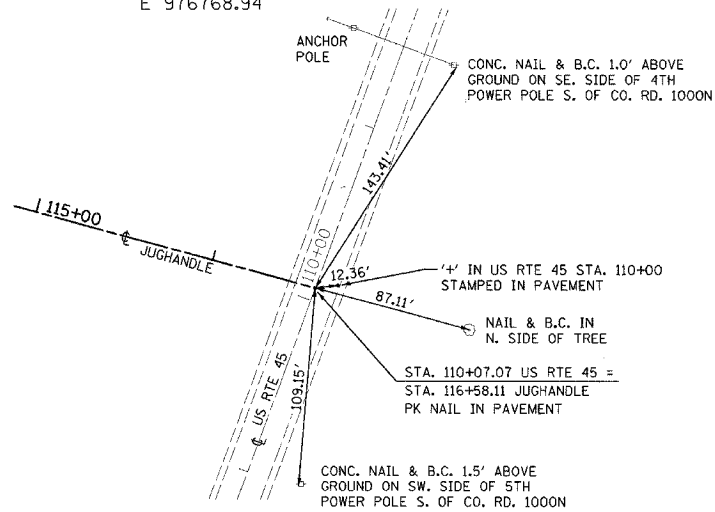
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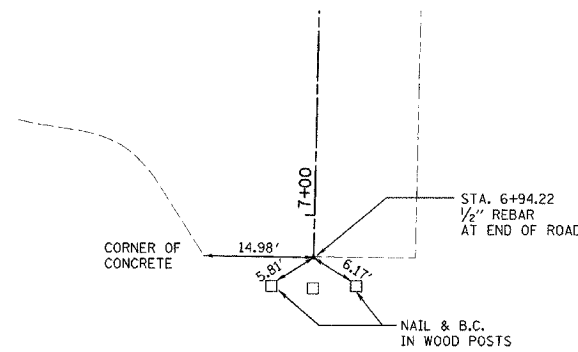
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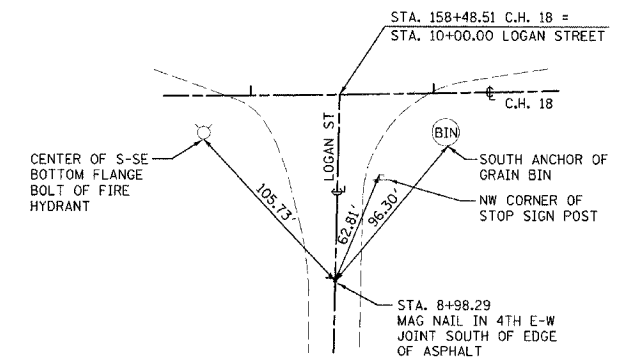
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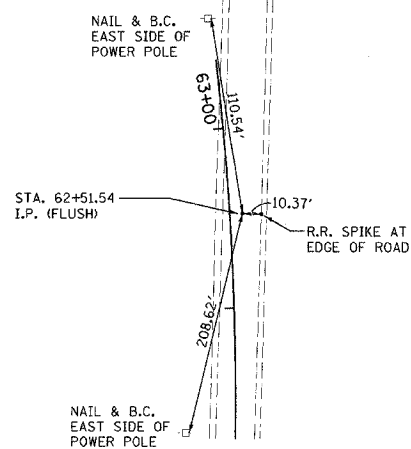
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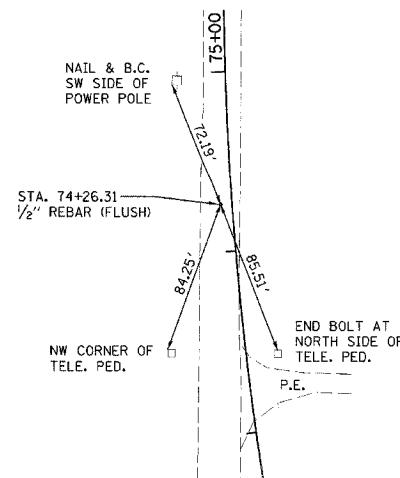
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P.I.
CO. RD. 700E STA.62+51.54
N 1038714.27
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P.I.
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E 981990.43



REVISIONS	
NAME	DATE

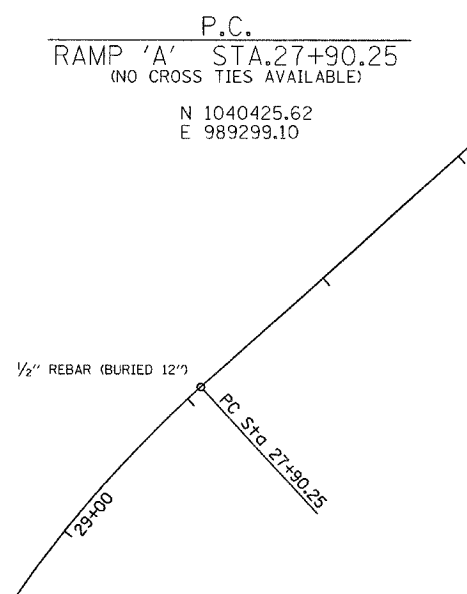
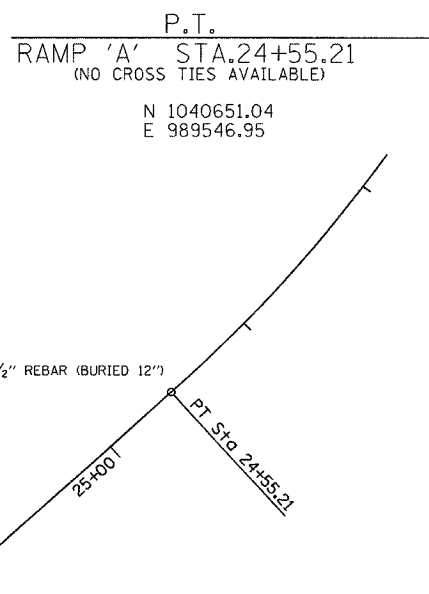
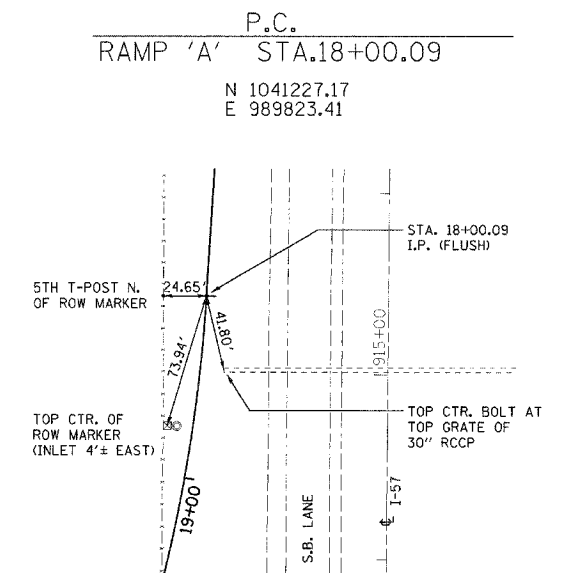
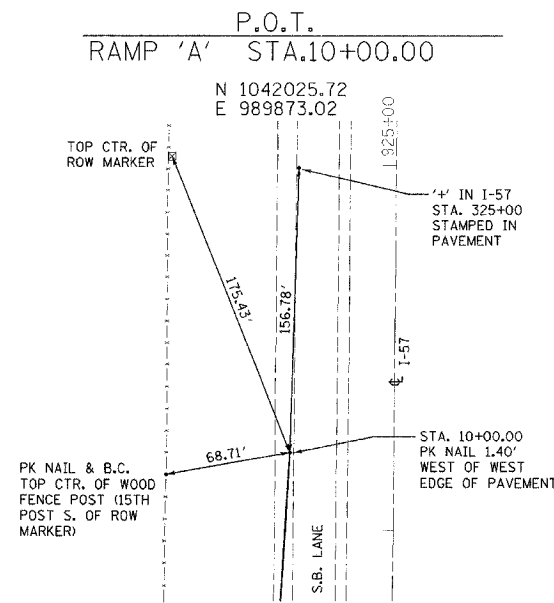
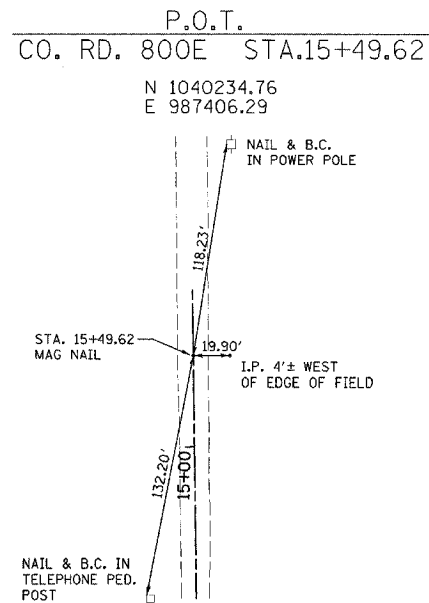
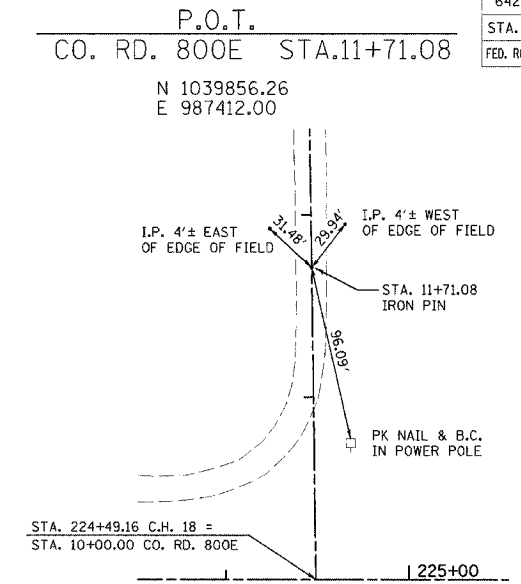
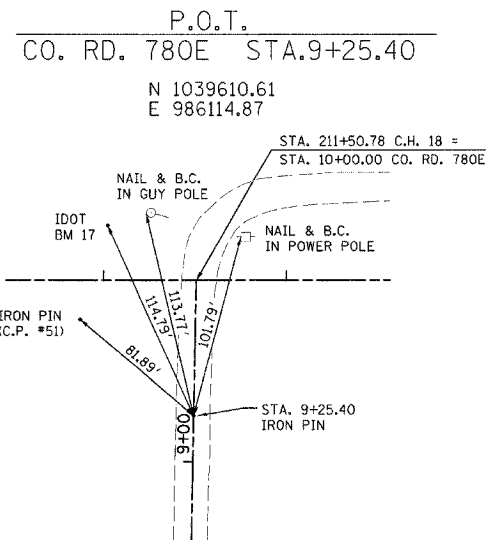
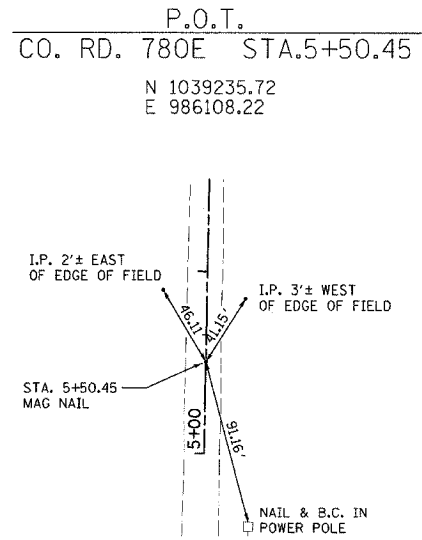
ILLINOIS DEPARTMENT OF TRANSPORTATION

SURVEY TIES
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: VERT. N.T.S. DRAWN BY
 HORIZ. CHECKED BY MED
DATE 07/13/2005

TUG PROJ. #1997022-5
BFILE ABBREV'S

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

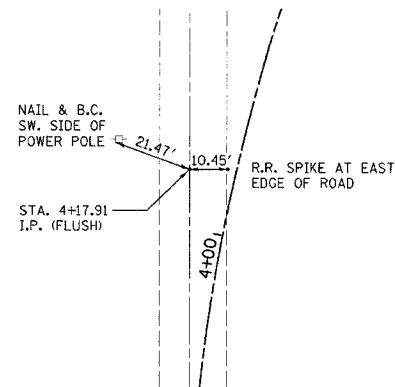
SURVEY TIES
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: VERT. N.T.S. DRAWN BY
HORIZ. N.T.S. CHECKED BY MED
DATE 07/13/2005

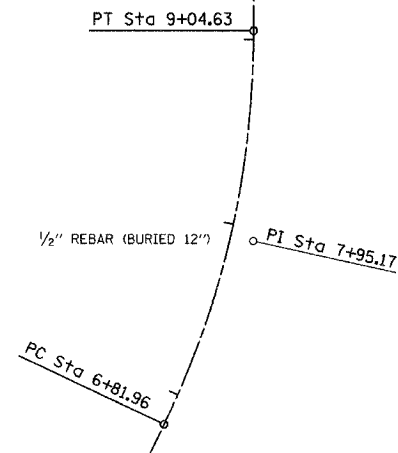
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

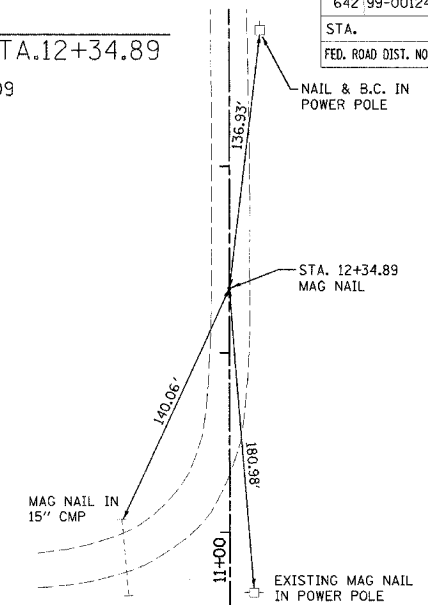
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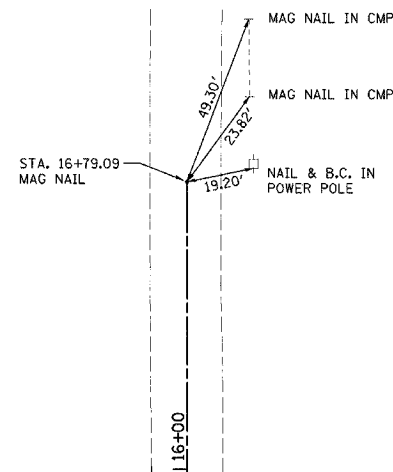
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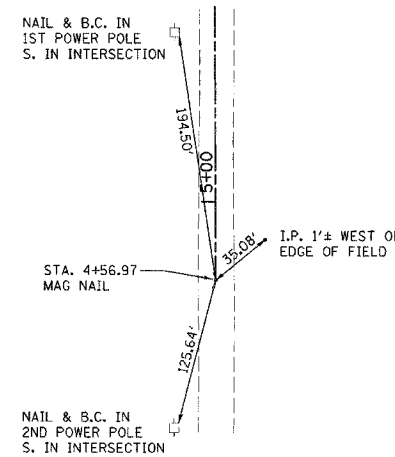
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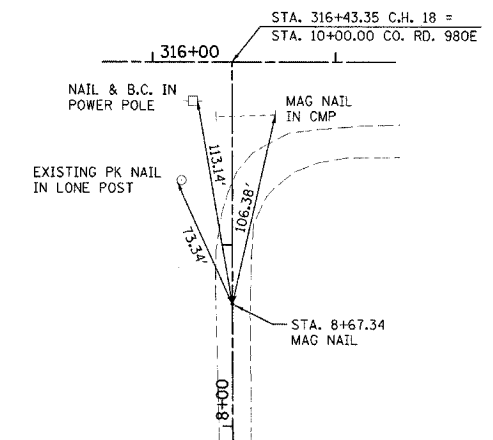
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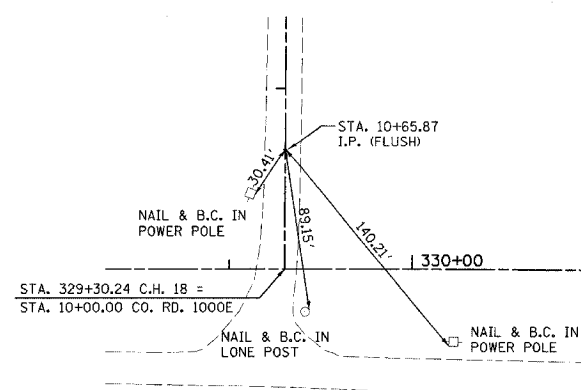
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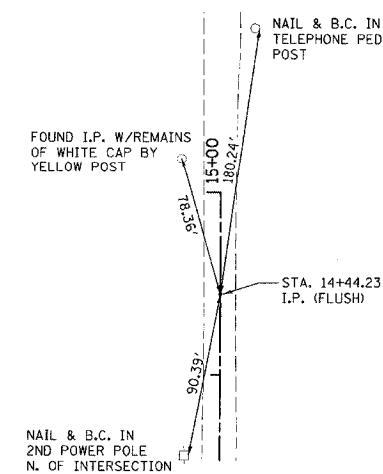
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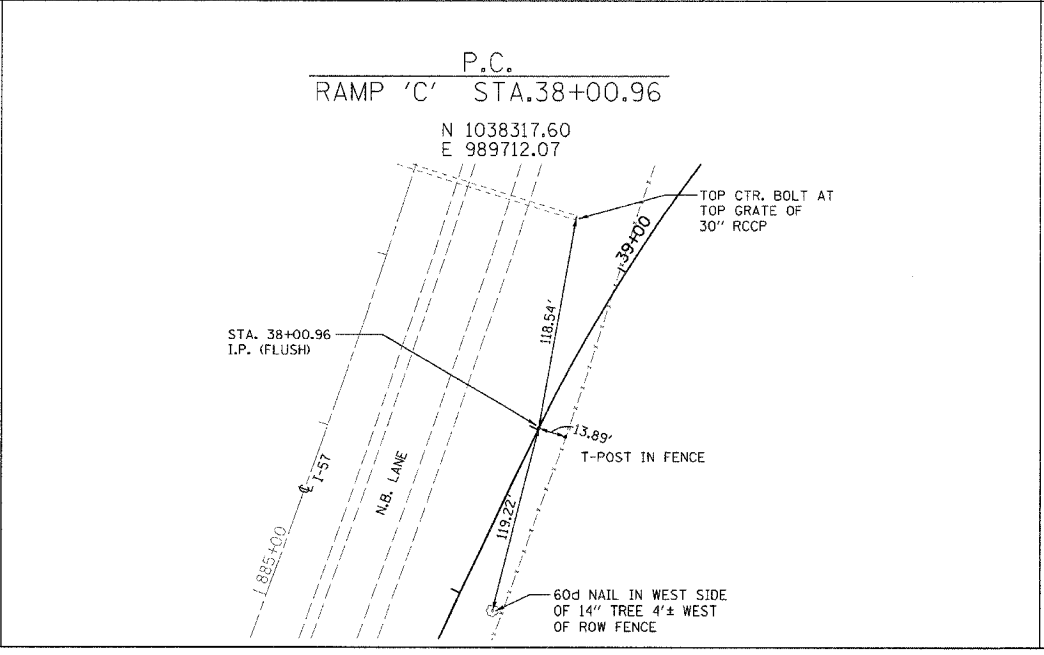
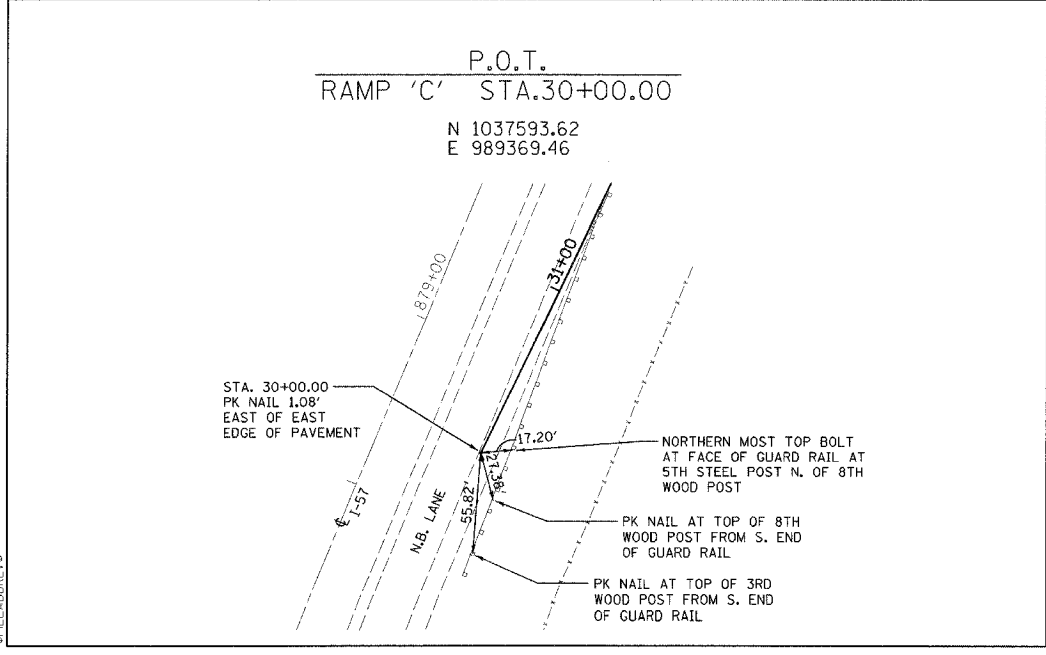
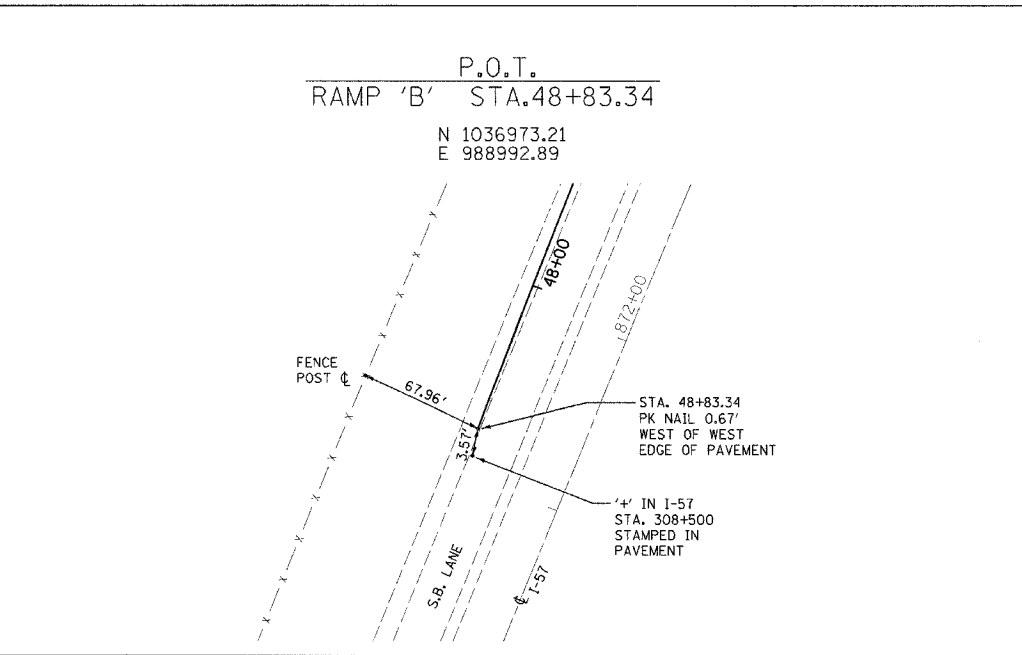
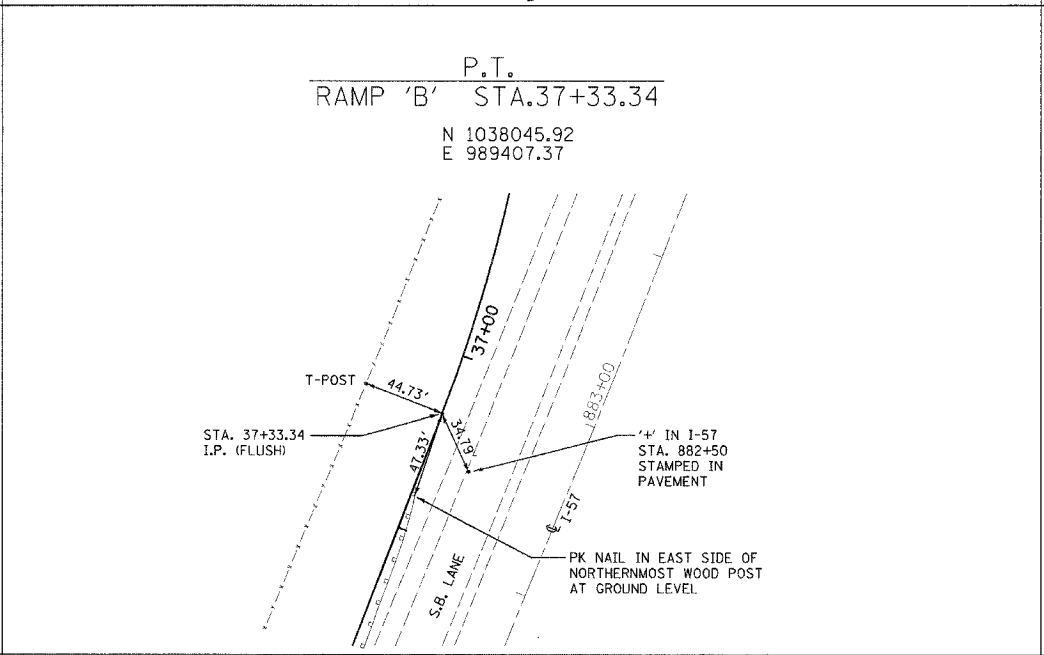
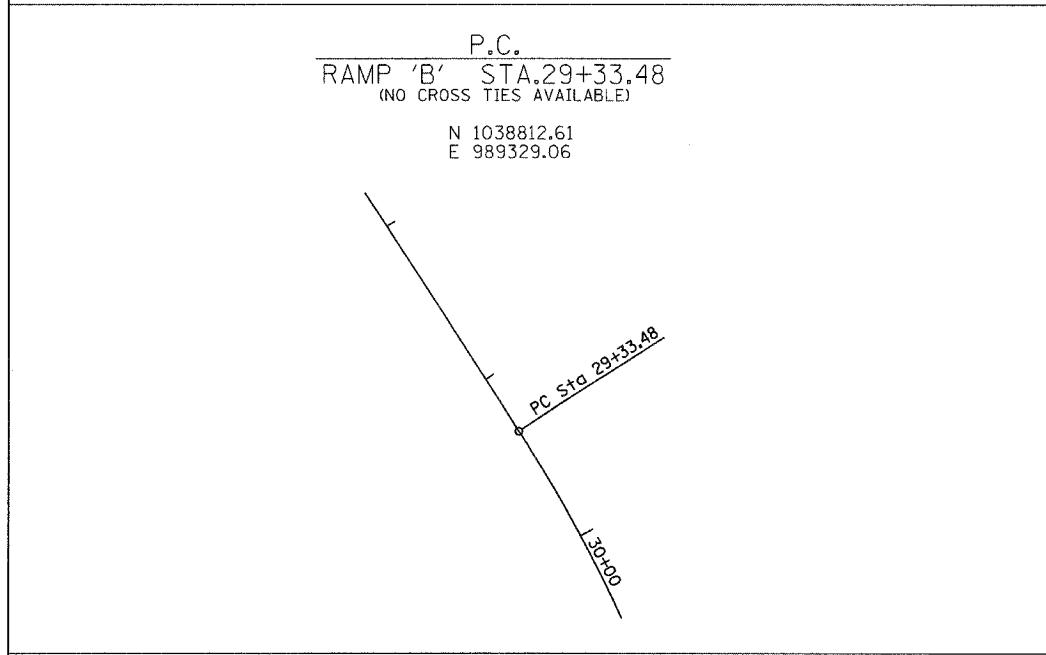
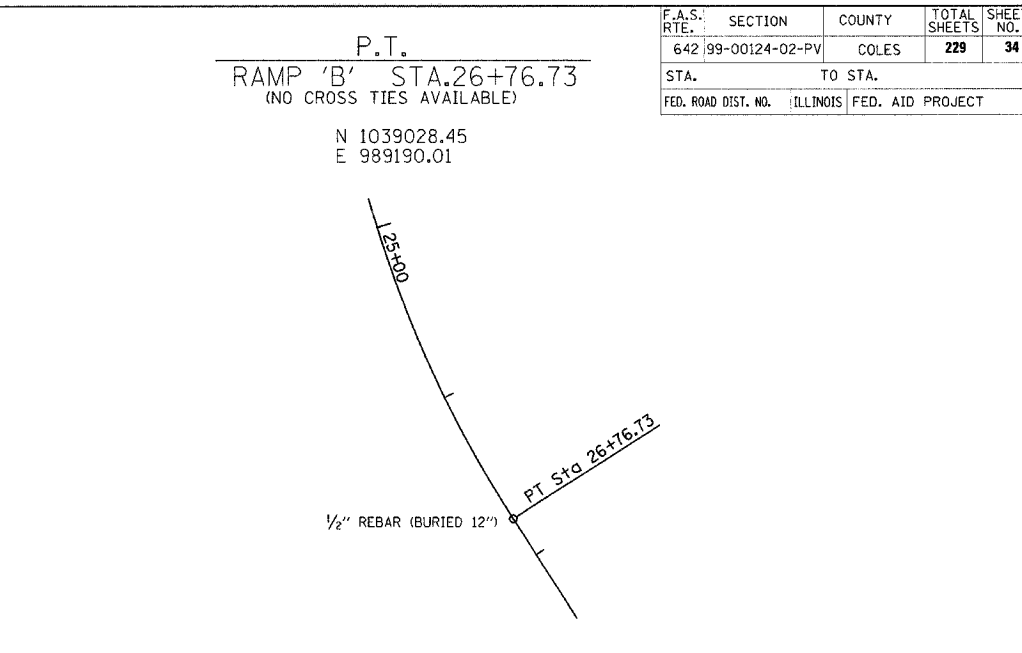
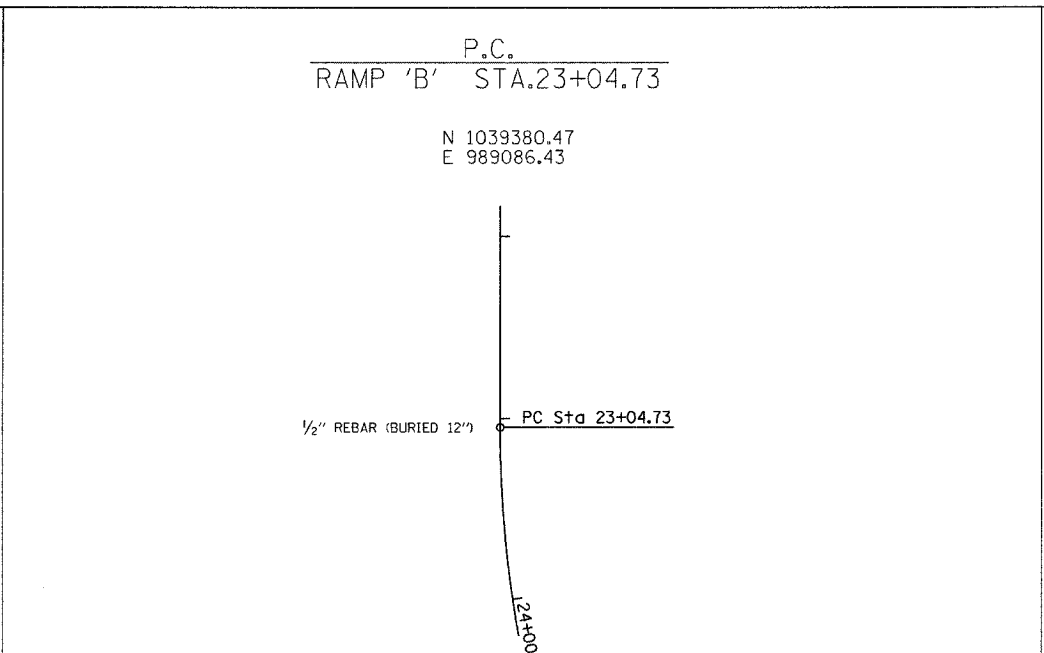
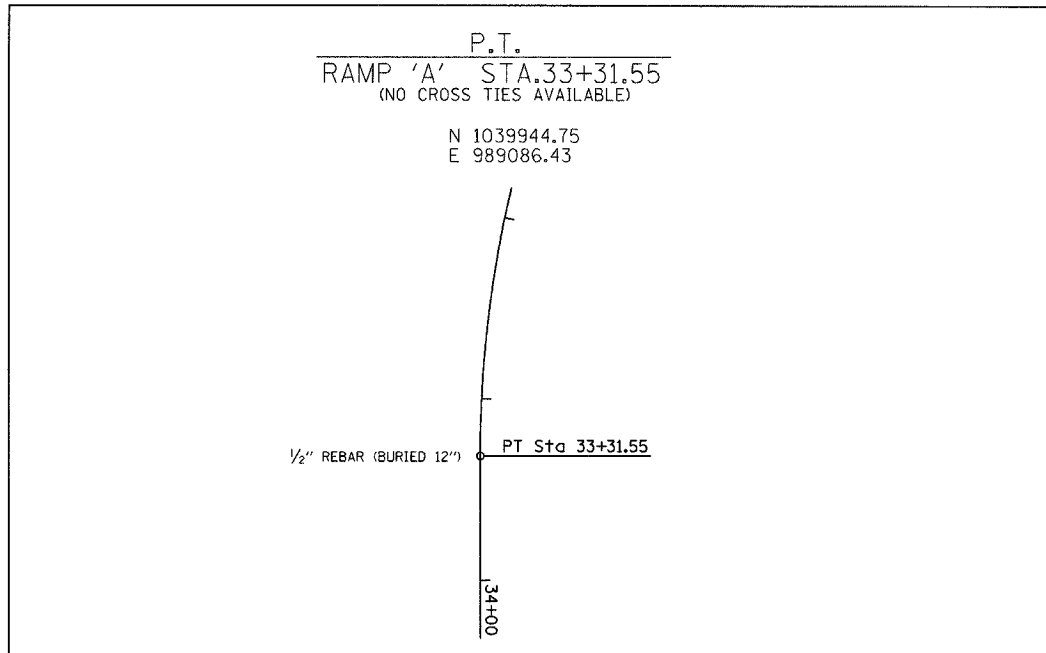


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SURVEY TIES
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS
SCALE: VERT. N.T.S. DRAWN BY
HORIZ. N.T.S. CHECKED BY MED
DATE 07/13/2005

TUC PROJ. #3131022-5
6/11/05/3/2005

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SURVEY TIES
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

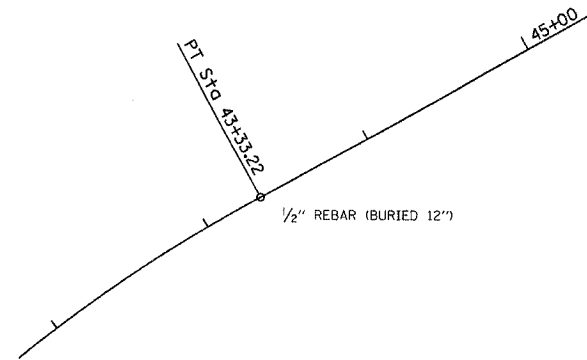
SCALE: VERT. N.T.S.
HORIZ. DATE 07/13/2005

DRAWN BY
CHECKED BY MED

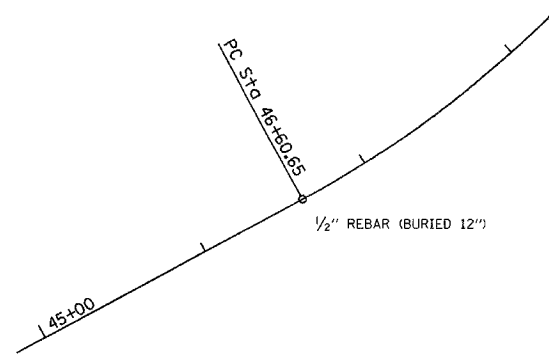
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BFILE#BBREYS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

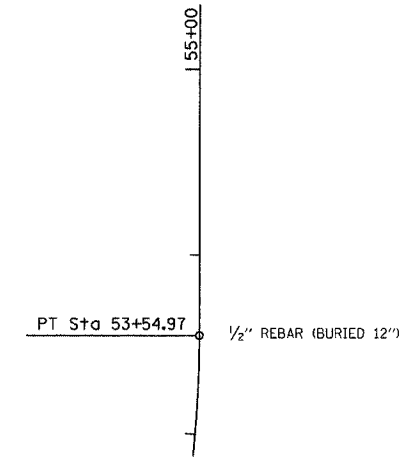
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RAMP 'C' STA.43+33.22
(NO CROSS TIES AVAILABLE)
N 1038698.90
E 990070.92



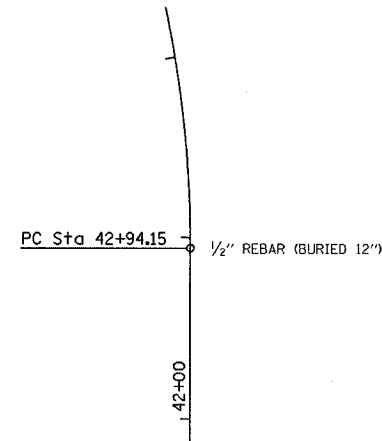
P.C.
RAMP 'C' STA.46+60.65
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N 1038856.62
E 990357.86



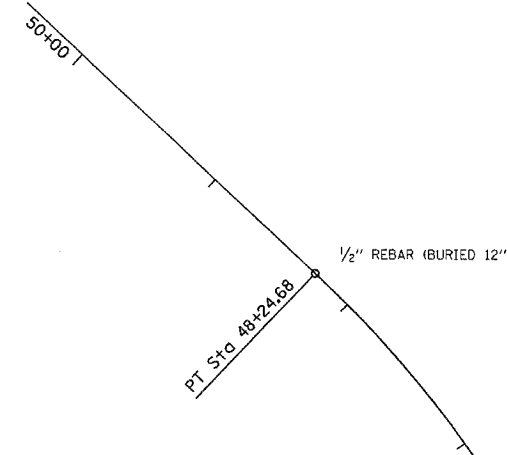
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RAMP 'C' STA.53+54.97
(NO CROSS TIES AVAILABLE)
N 1039426.24
E 990694.75



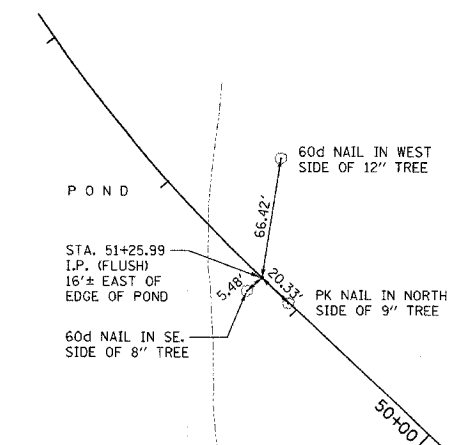
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(NO CROSS TIES AVAILABLE)
N 1039979.35
E 990694.75



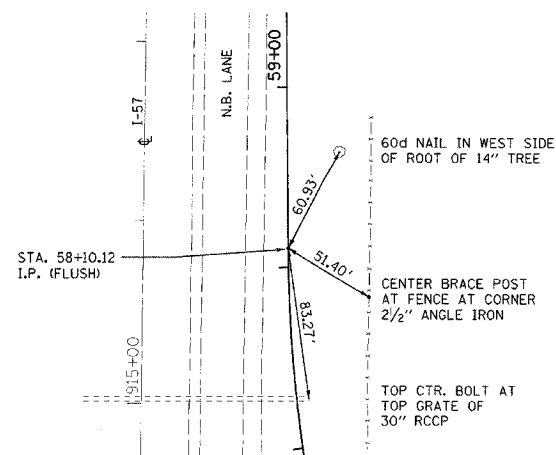
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RAMP 'D' STA.48+24.68
(NO CROSS TIES AVAILABLE)
N 1040452.90
E 990490.00



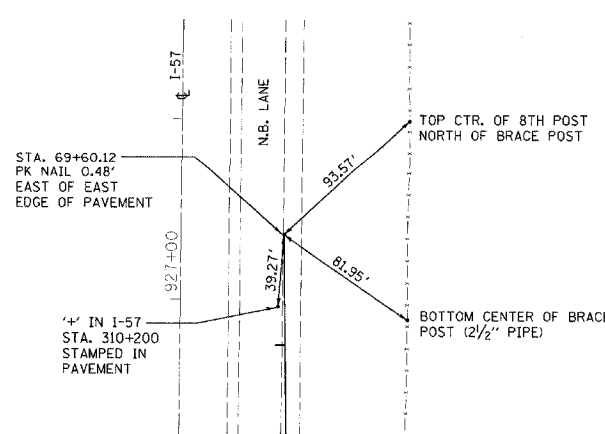
P.C.
RAMP 'D' STA.51+25.99
N 1040659.31
E 990270.48



P.T.
RAMP 'D' STA.58+10.12
N 1041268.93
E 990002.78



P.O.T.
RAMP 'D' STA.69+60.12
N 1042418.86
E 989989.76



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SURVEY TIES
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS
SCALE: VERT. N.T.S. DRAWN BY
HORIZ. N.T.S. CHECKED BY MED
DATE 07/13/2005

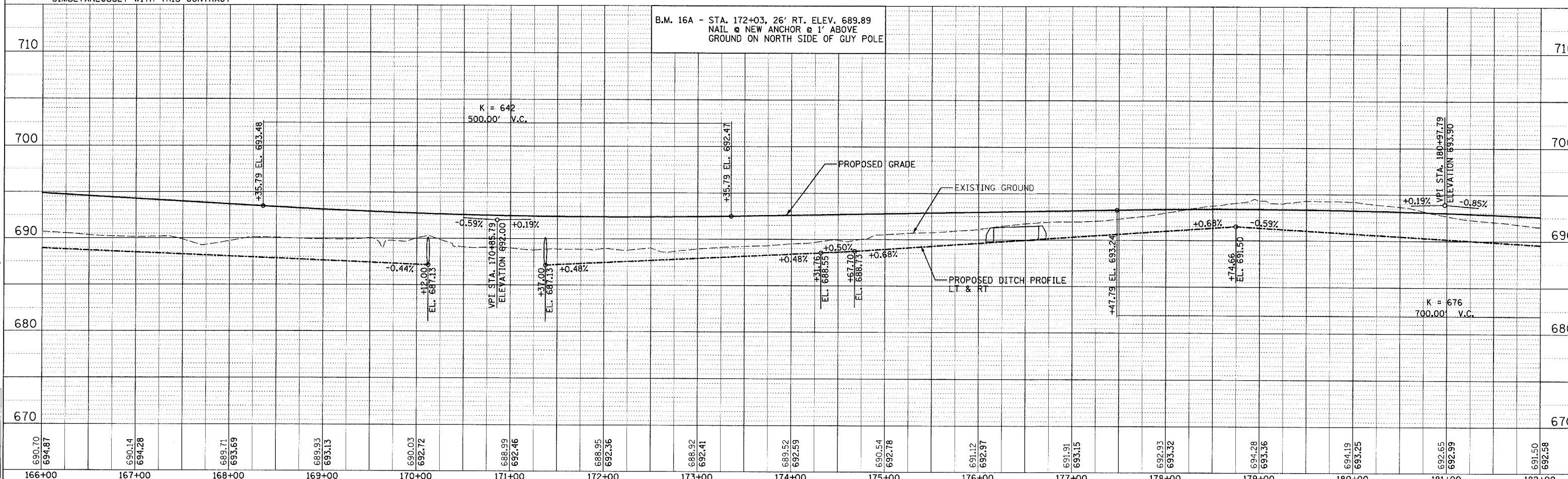
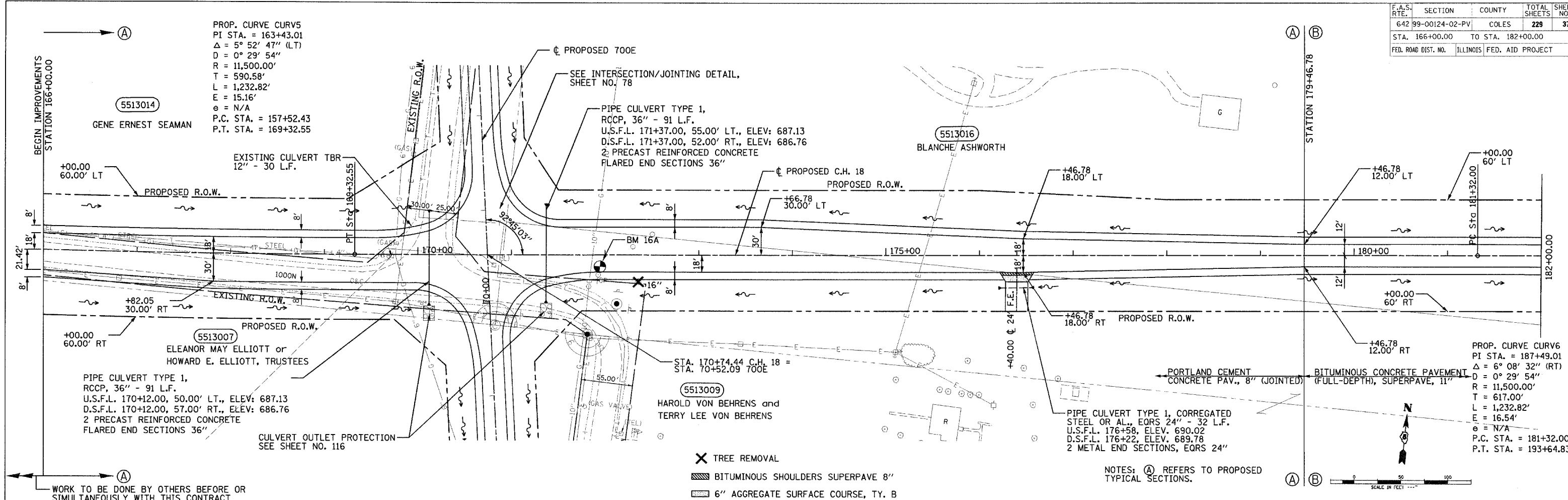
TUG PROJ. 11/917022-5
FILE ABBREV

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	37
STA. 166+00.00 TO STA. 182+00.00				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK NO. _____
 CHECKED: _____
 DATE: _____
 FILE NAME: _____



DATE: _____ BY: _____
 SURVEYED: _____
 PLOTTED: _____
 NOTE BOOK NO. _____
 CHECKED: _____
 DATE: _____
 FILE NAME: _____



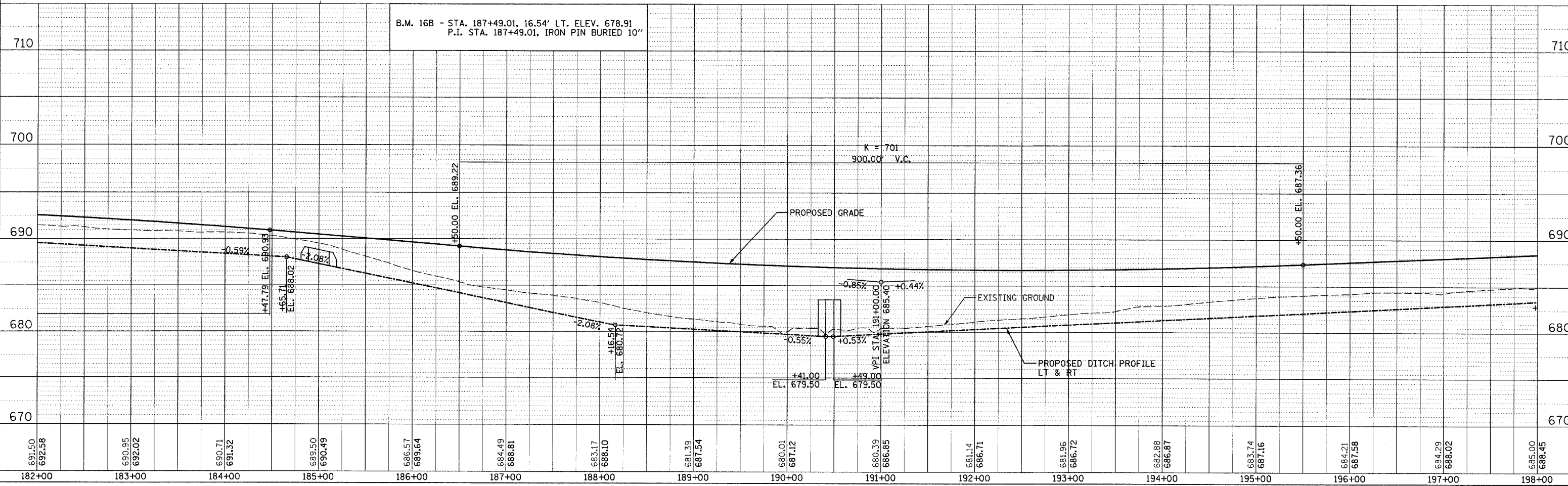
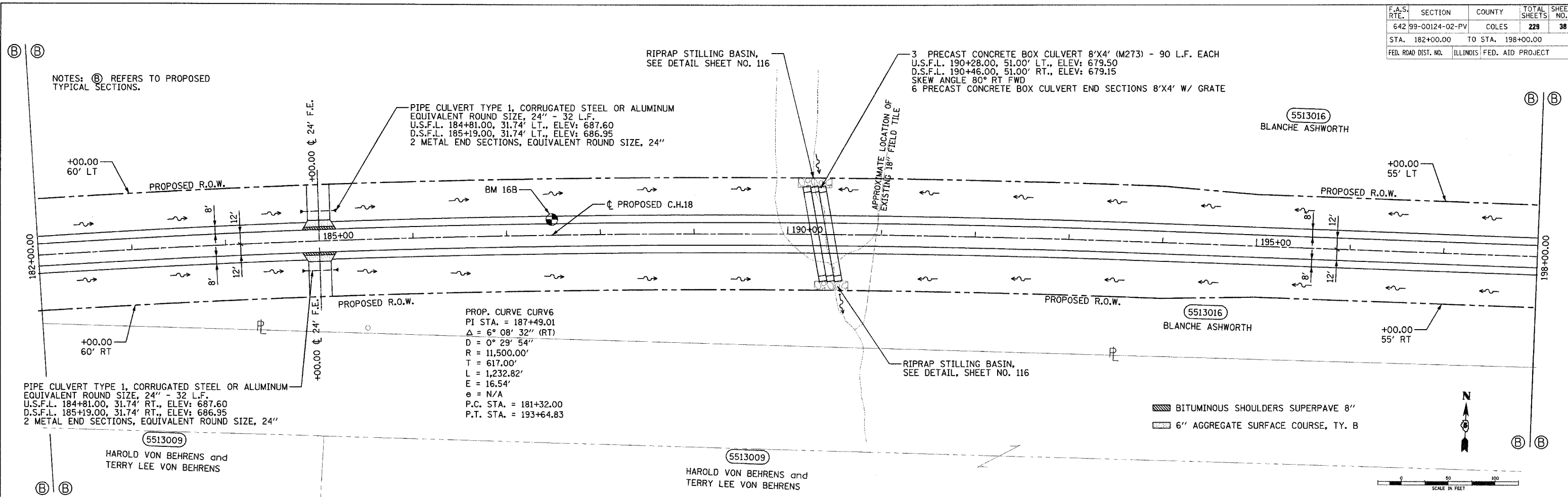
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	38
STA. 182+00.00 TO STA. 198+00.00		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

DATE	BY	REVISION

DATE	BY	REVISION

DATE	BY	REVISION

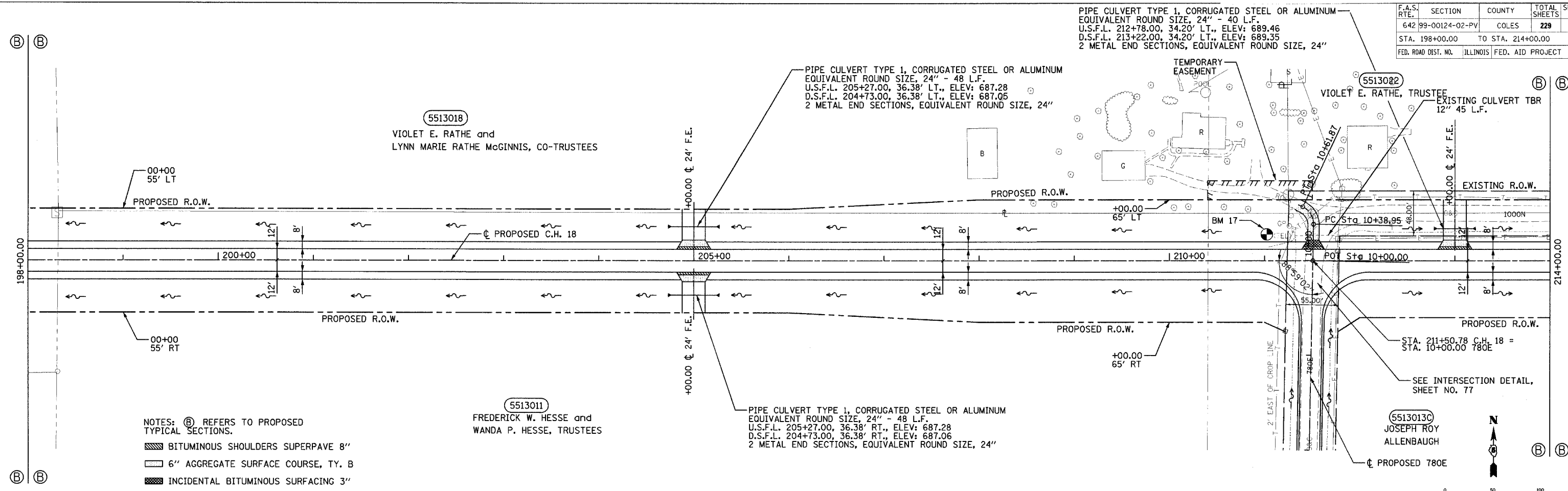


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	39
STA. 198+00.00 TO STA. 214+00.00				
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT	

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE, 24" - 40 L.F.
U.S.F.L. 212+78.00, 34.20' LT., ELEV: 689.46
D.S.F.L. 213+22.00, 34.20' LT., ELEV: 689.35
2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"

PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE, 24" - 48 L.F.
U.S.F.L. 205+27.00, 36.38' LT., ELEV: 687.28
D.S.F.L. 204+73.00, 36.38' LT., ELEV: 687.05
2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"

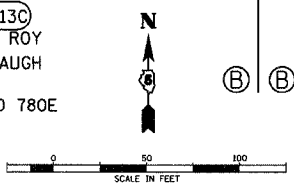
PIPE CULVERT TYPE 1, CORRUGATED STEEL OR ALUMINUM
EQUIVALENT ROUND SIZE, 24" - 48 L.F.
U.S.F.L. 205+27.00, 36.38' RT., ELEV: 687.28
D.S.F.L. 204+73.00, 36.38' RT., ELEV: 687.06
2 METAL END SECTIONS, EQUIVALENT ROUND SIZE, 24"



NOTES: (B) REFERS TO PROPOSED TYPICAL SECTIONS.

- BITUMINOUS SHOULDERS SUPERPAVE 8"
- 6" AGGREGATE SURFACE COURSE, TY. B
- INCIDENTAL BITUMINOUS SURFACING 3"

(5513013) JOSEPH ROY ALLENBAUGH
PROPOSED 780E

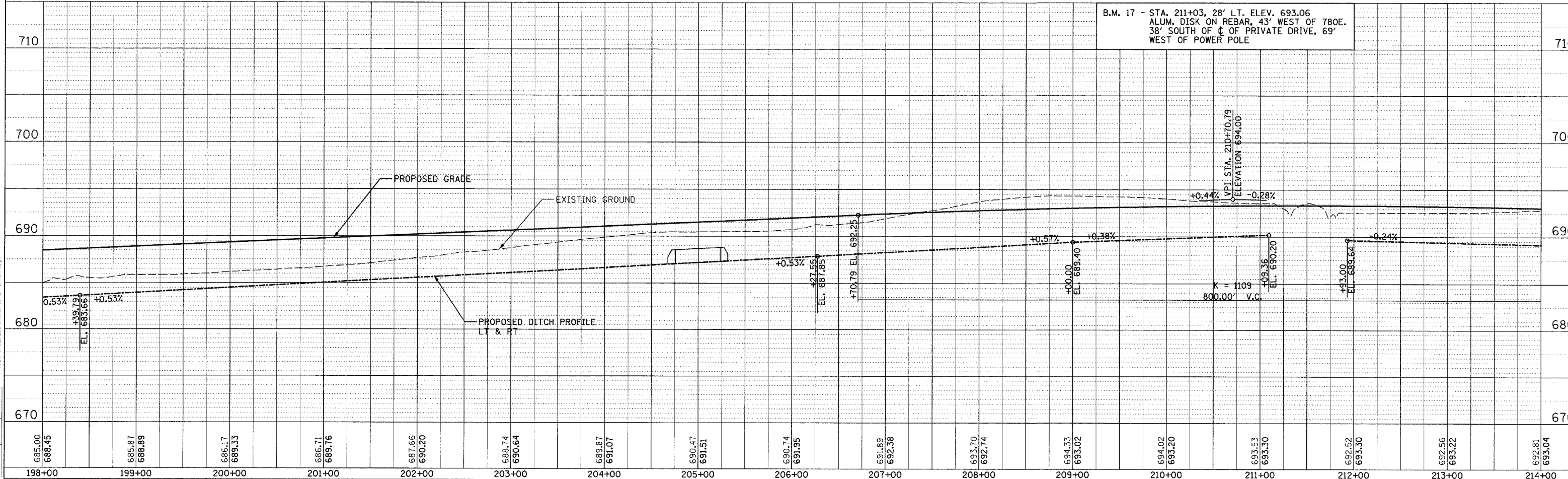


DATE	BY

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.

DATE	BY

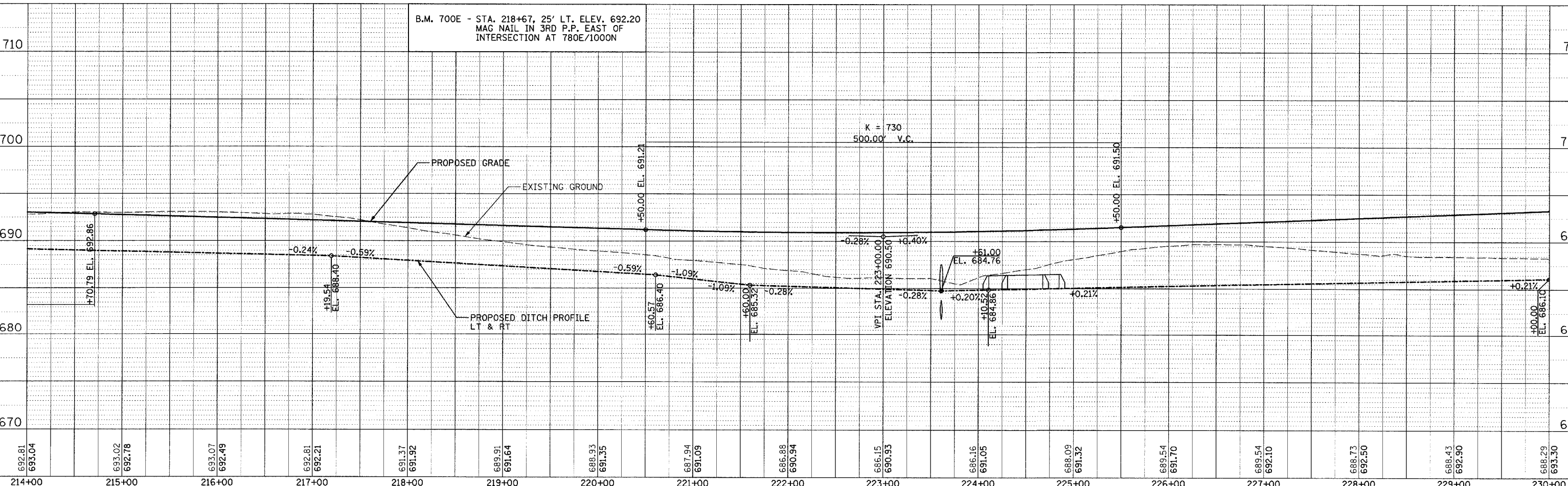
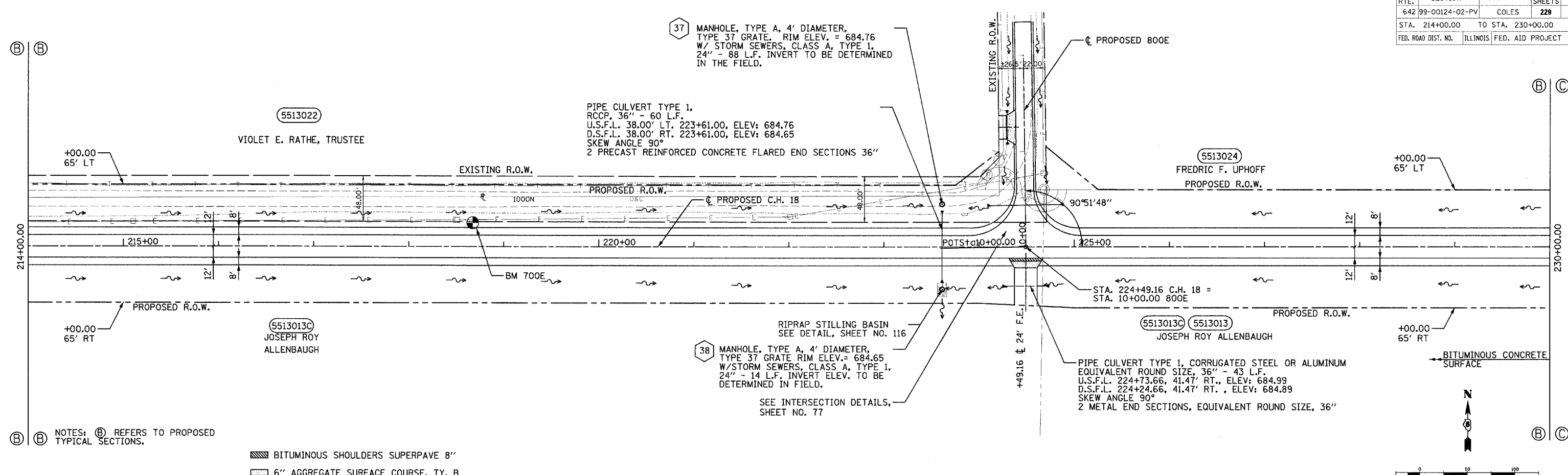
PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.



B.M. 17 - STA. 211+03, 28' LT. ELEV. 693.06
ALUM. DISK ON REBAR, 43' WEST OF 780E.
38' SOUTH OF C OF PRIVATE DRIVE, 69'
WEST OF POWER POLE



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	40
STA. 214+00.00		TO STA. 230+00.00		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	



DATE	BY
DATE	BY
DATE	BY

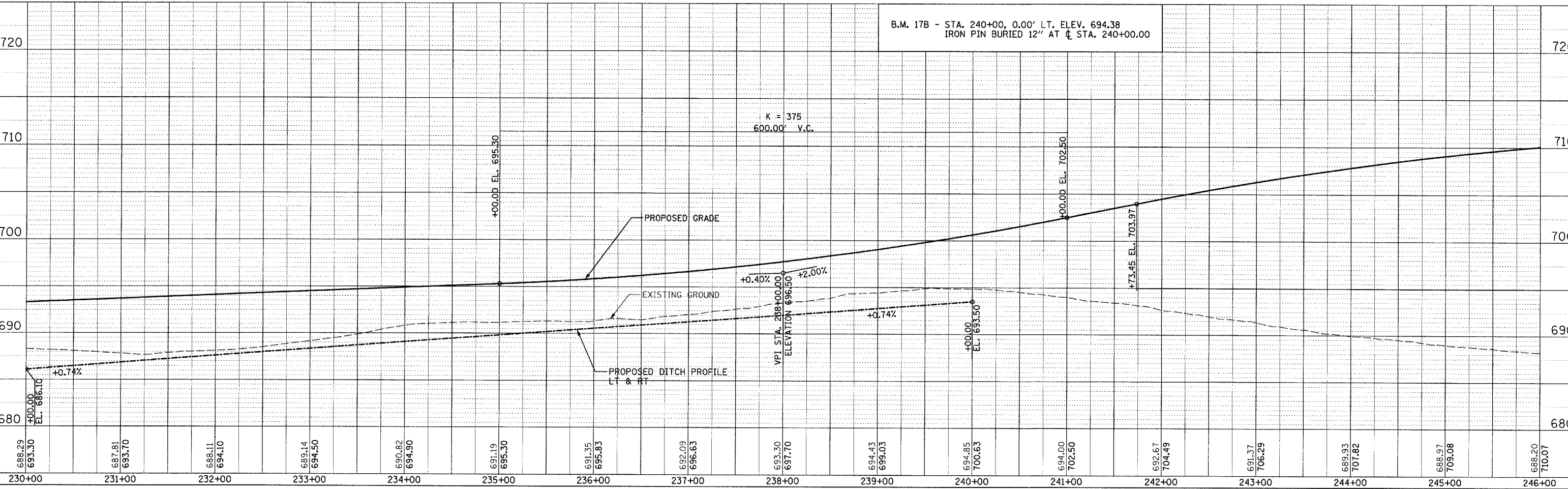
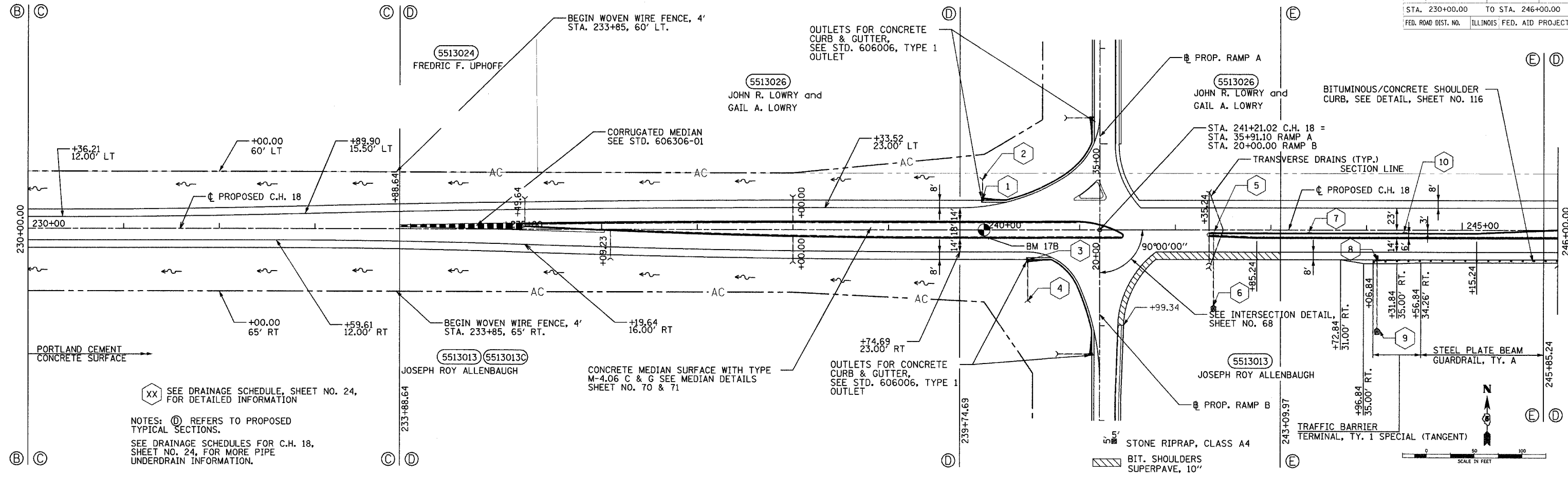
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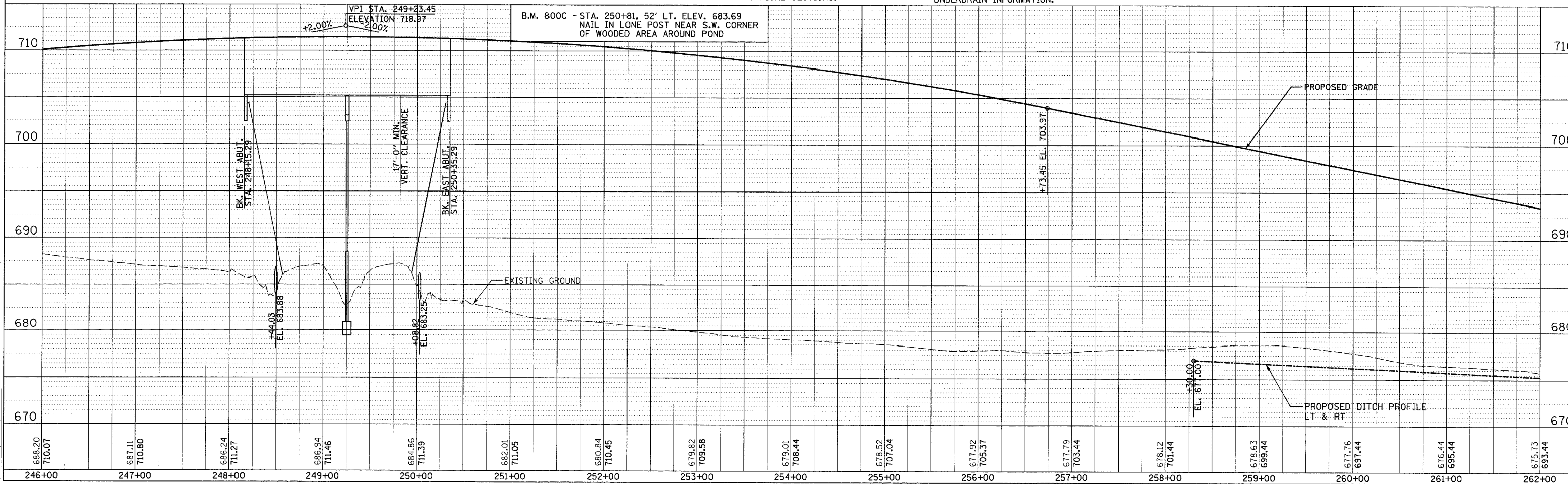
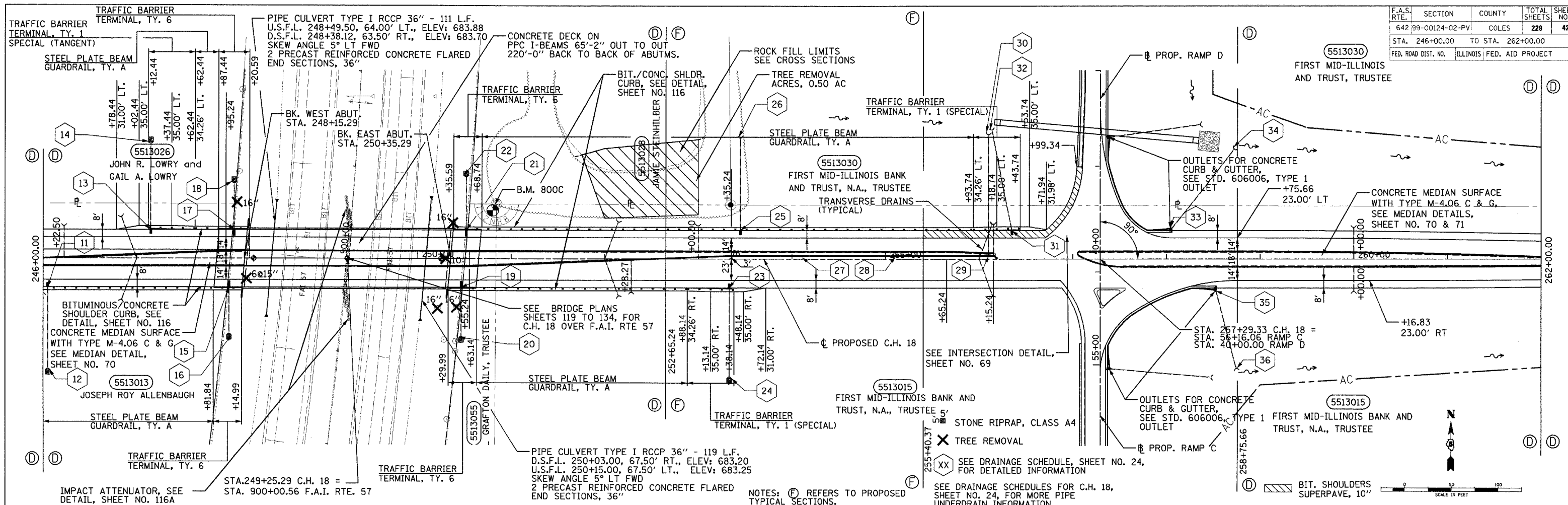
LAYOUT	DJP/SAM	02/26/03
DRAWN	DJP	04/28/03
REVIEWED	SKM	05/07/03

01/13/2005
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	41
STA. 230+00.00		TO STA. 246+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES		229	42
STA. 246+00.00		TO STA. 262+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



HANSON
Professional Services Inc. 2005

DATE: _____ BY: _____
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PLAN NO. _____
 DATE: _____

DATE: _____ BY: _____
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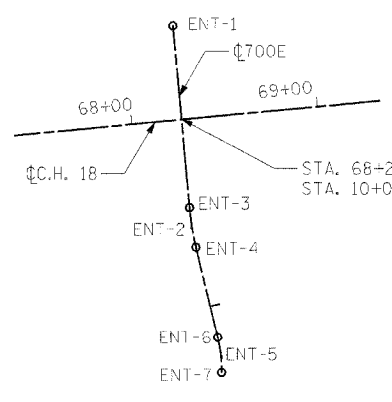
DATE: _____ BY: _____
 CHECKED: _____
 DATE: _____ BY: _____

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	44
STA. 60+00.00 TO STA. 69+50.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PRIVATE ENTRANCE
 CURVE # ENT-2
 ENT-2 PI STA. = 10+56.77
 $\Delta = 8^\circ 08' 59''$ (LT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 10.69'$
 $L = 21.34'$
 $E = 0.38'$
 $e = N/A$
 ENT-3 P.C. STA. = 10+46.09
 ENT-4 P.T. STA. = 10+67.42

PRIVATE ENTRANCE			
ENT-1	1,039,275.744	982,033.709	
ENT-2	1,039,292.250	982,139.198	
ENT-3	1,039,290.598	982,128.640	
ENT-4	1,039,295.382	982,149.435	
ENT-5	1,039,312.877	982,206.486	
ENT-6	1,039,310.036	982,197.219	
ENT-7	1,039,313.269	982,216.170	

PRIVATE ENTRANCE
 CURVE # ENT-5
 ENT-5 PI STA. = 11+27.12
 $\Delta = 14^\circ 43' 38''$ (RT)
 $D = 76^\circ 23' 40''$
 $R = 75.00'$
 $T = 9.69'$
 $L = 19.28'$
 $E = 0.62'$
 $e = N/A$
 ENT-6 P.C. STA. = 11+17.42
 ENT-7 P.T. STA. = 11+36.70

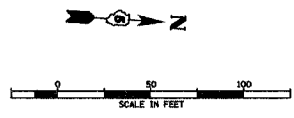
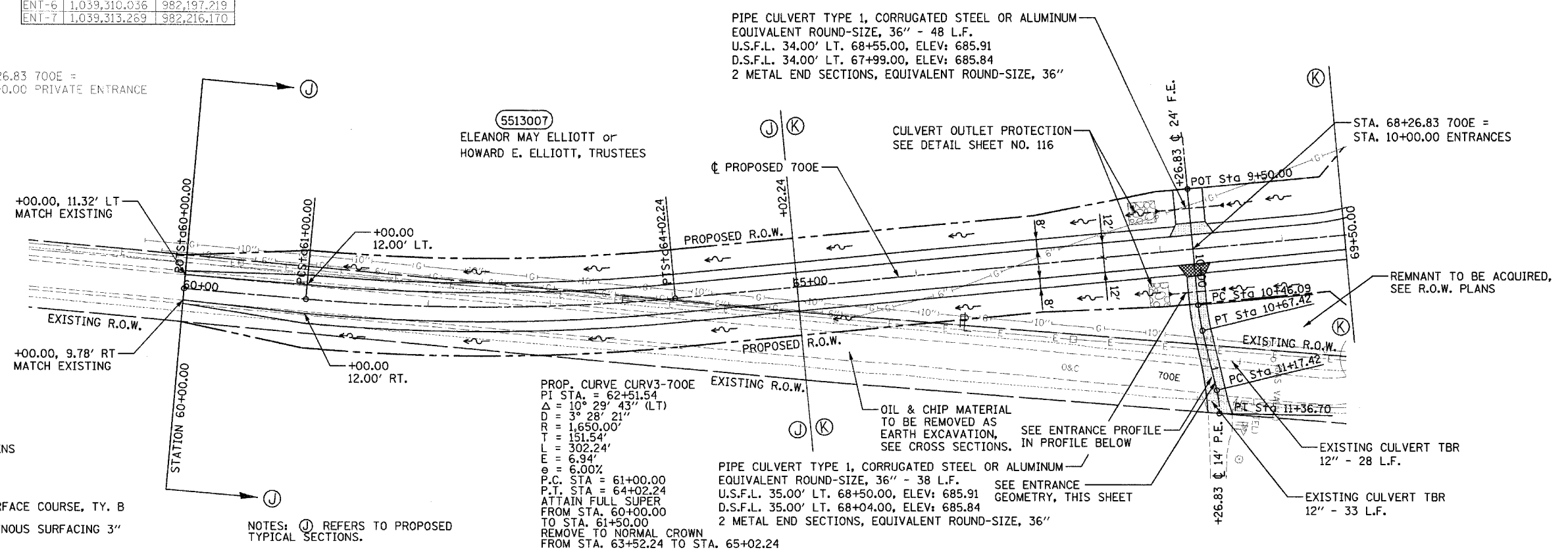


DATE	BY	REVISION



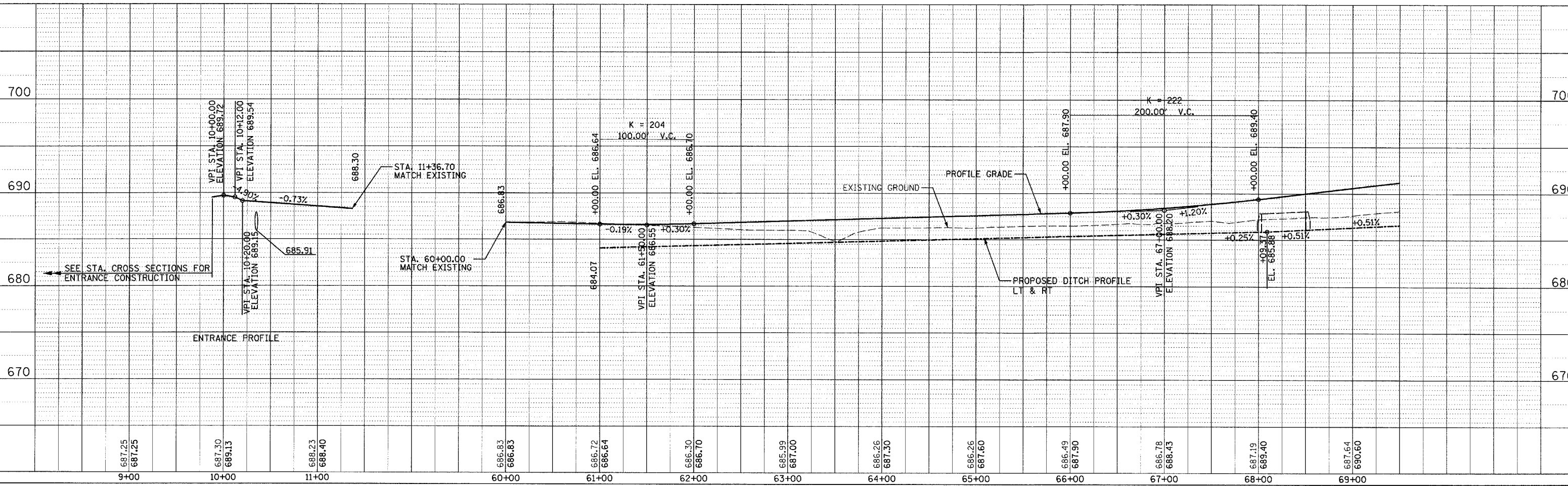
DATE	BY	REVISION

DATE	BY	REVISION



6" AGGREGATE SURFACE COURSE, TY. B
 INCIDENTAL BITUMINOUS SURFACING 3"

NOTES: (J) REFERS TO PROPOSED TYPICAL SECTIONS.

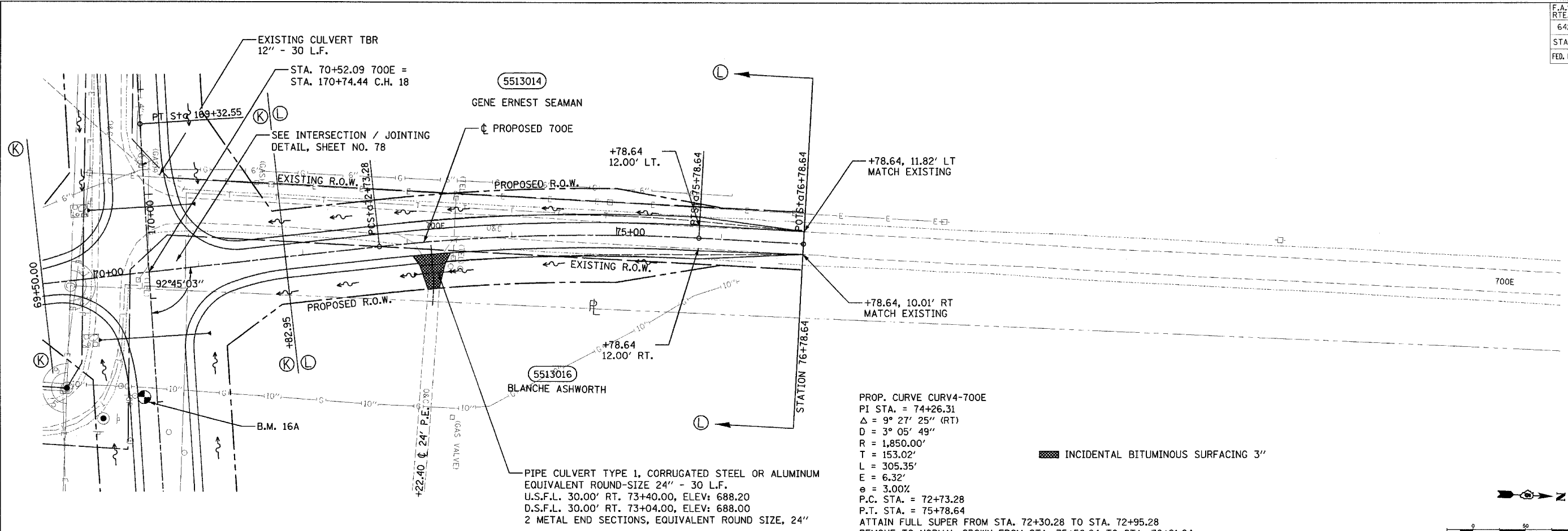


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	45
STA. 69+50.00		TO STA. 76+78.64		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____
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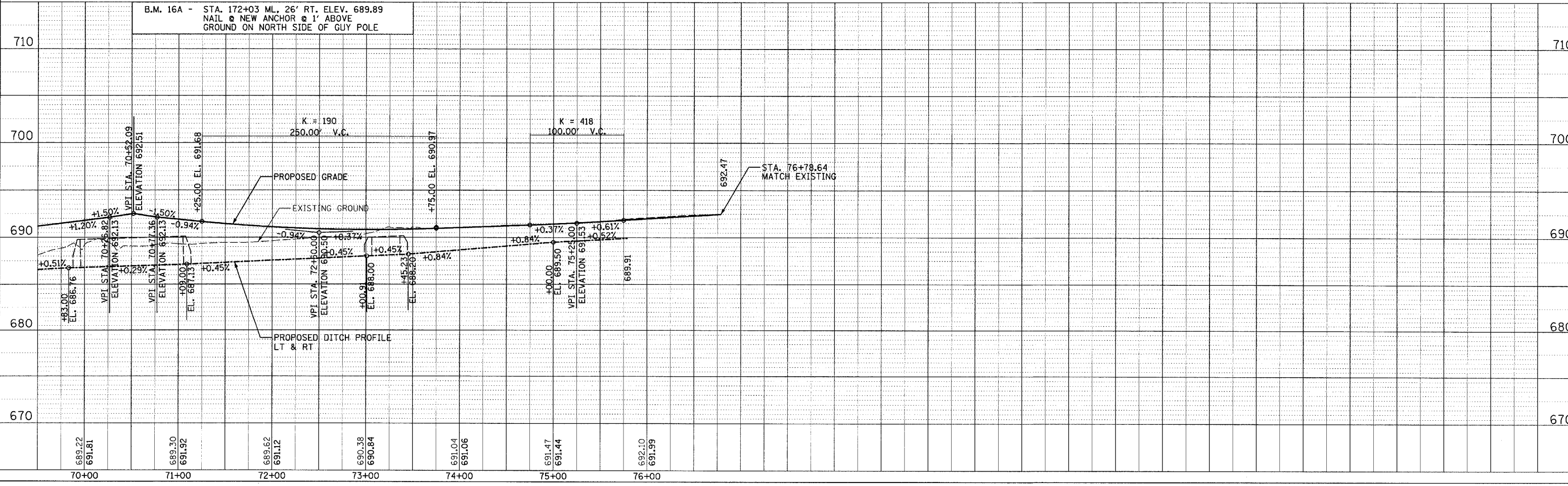
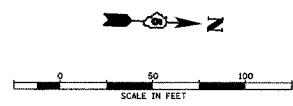
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 CHECKED: _____
 DATE: _____
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PROP. CURVE CURV4-700E
 PI STA. = 74+26.31
 Δ = 9° 27' 25" (RT)
 D = 3° 05' 49"
 R = 1,850.00'
 T = 153.02'
 L = 305.35'
 E = 6.32'
 e = 3.00%
 P.C. STA. = 72+73.28
 P.T. STA. = 75+78.64
 ATTAIN FULL SUPER FROM STA. 72+30.28 TO STA. 72+95.28
 REMOVE TO NORMAL CROWN FROM STA. 75+56.64 TO STA. 76+21.64

NOTES: (L) REFERS TO PROPOSED TYPICAL SECTIONS.



B.M. 16A - STA. 172+03 ML, 26' RT. ELEV. 689.89
 NAIL @ NEW ANCHOR @ 1' ABOVE GROUND ON NORTH SIDE OF GUY POLE

LAYOUT: DJP/SJM 03/28/03
 DRAWN: DJP 04/28/03
 REVIEWED: SKM 05/07/03

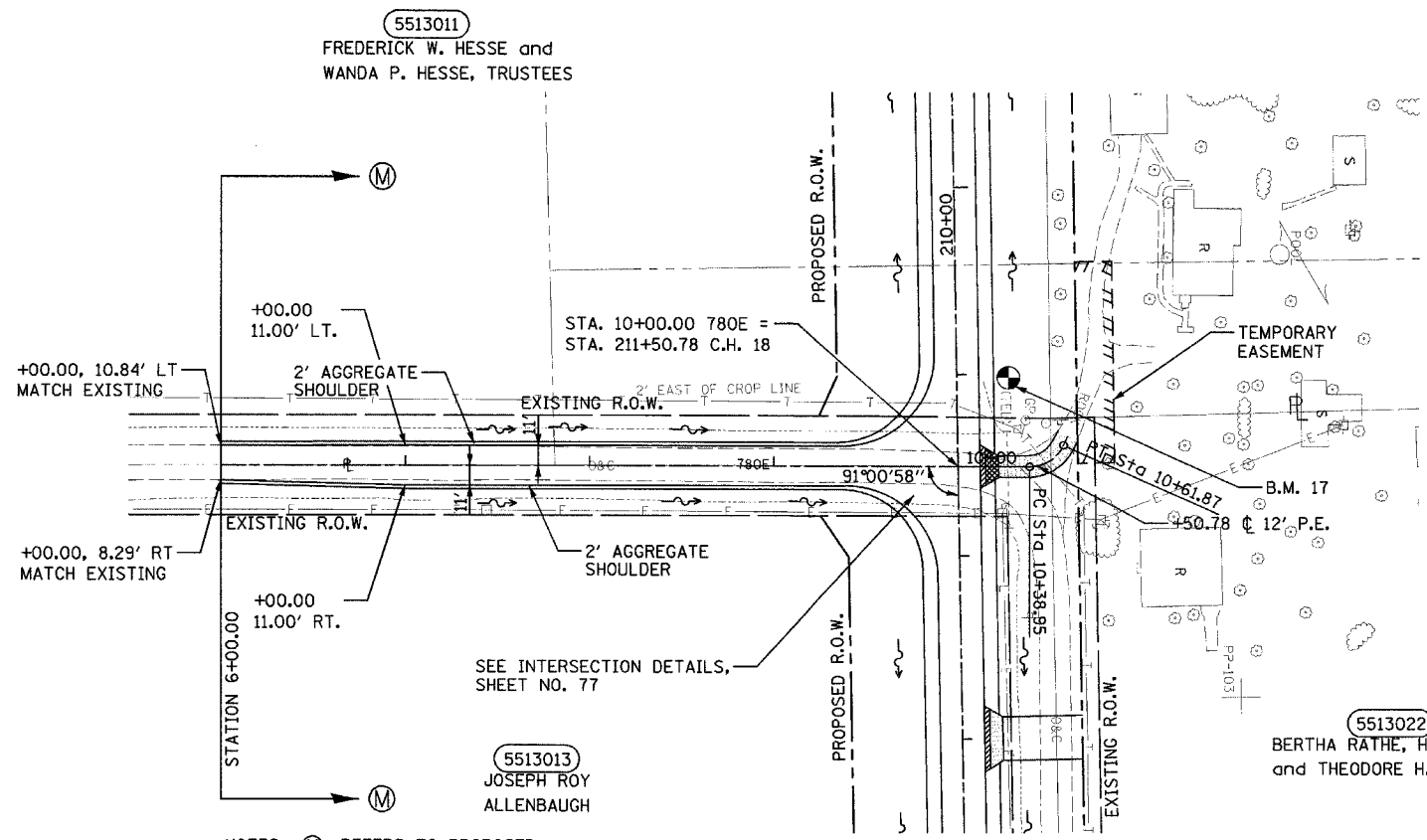
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	228	46
STA. 6+00.00	TO STA. 10+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY
DATE	BY

DATE	BY
DATE	BY

DATE	BY
DATE	BY

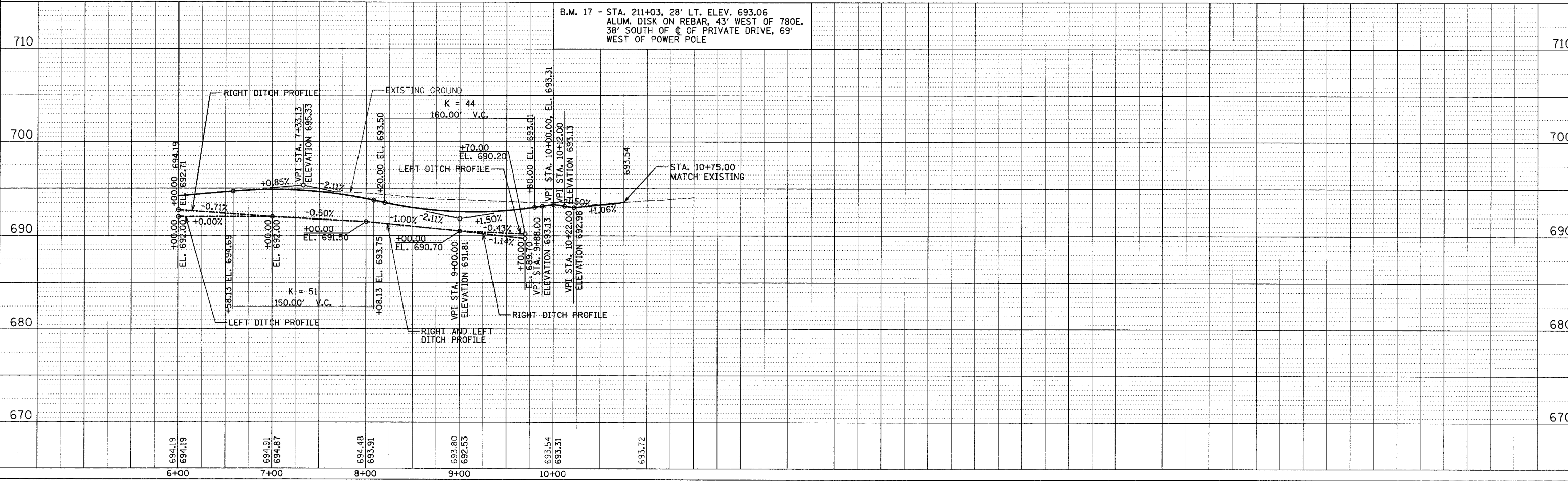
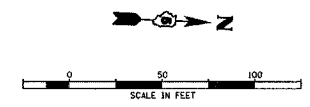
DATE	BY
DATE	BY



- BITUMINOUS SHOULDERS SUPERPAVE 8"
- INCIDENTAL BITUMINOUS SURFACING 3"
- 6" AGGREGATE SURFACE COURSE, TY. B

NOTES: (M) REFERS TO PROPOSED TYPICAL SECTIONS.

SEE INTERSECTION DETAILS, SHEET NO. 77



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LAYOUT	SKM	03/28/03
DRAWN	DJP	04/28/03
REVIEWED	SKM	05/07/03

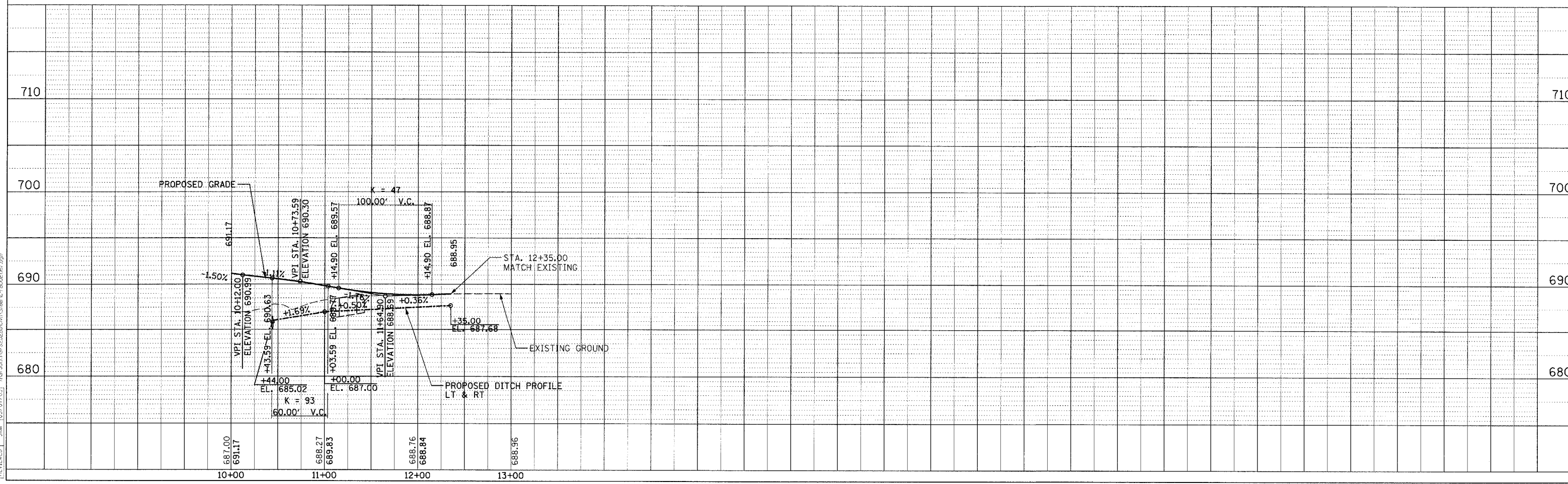
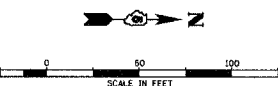
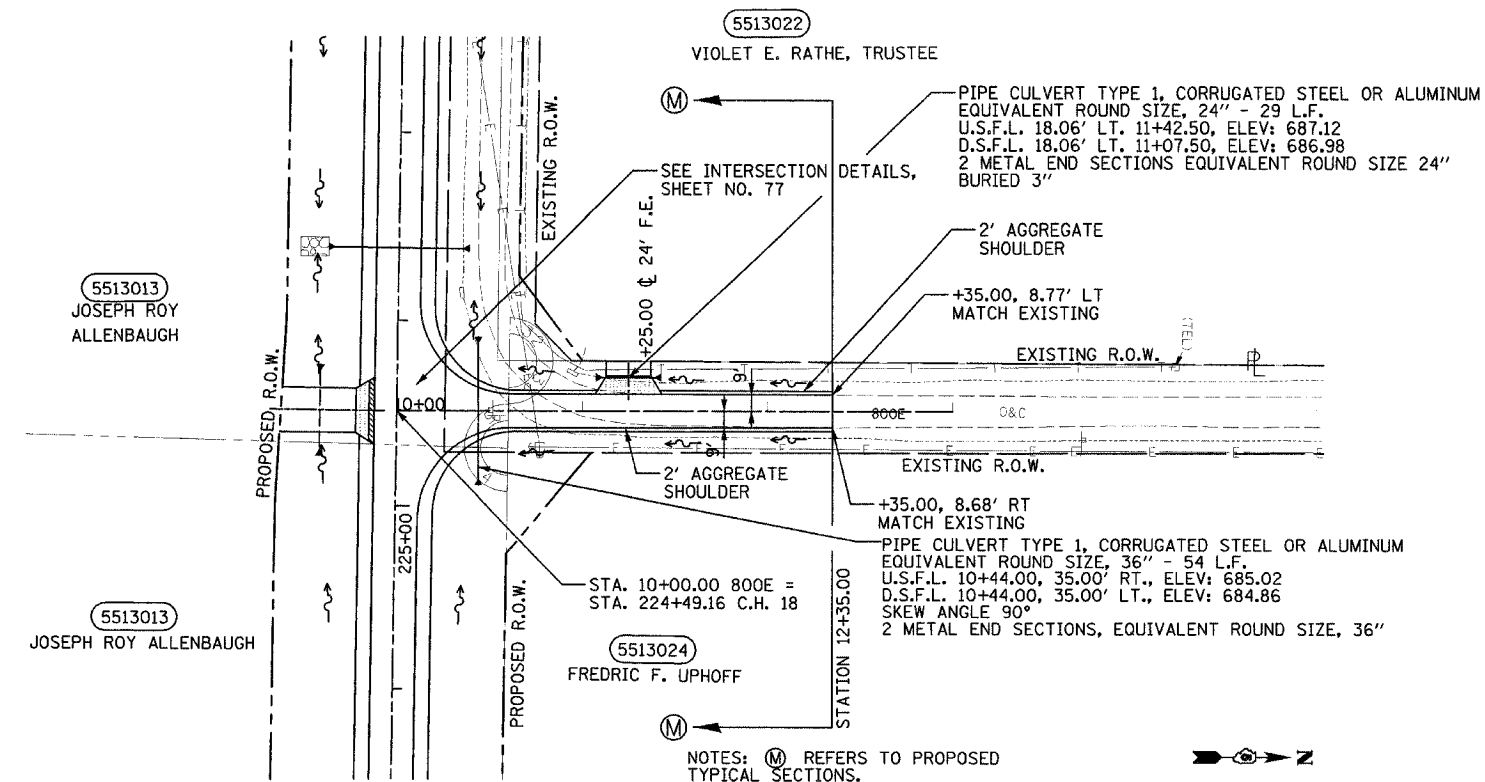
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	47
STA. 10+00.00 TO STA. 12+35.00		ILLINOIS FED. AID PROJECT		

DATE	BY	REVISION

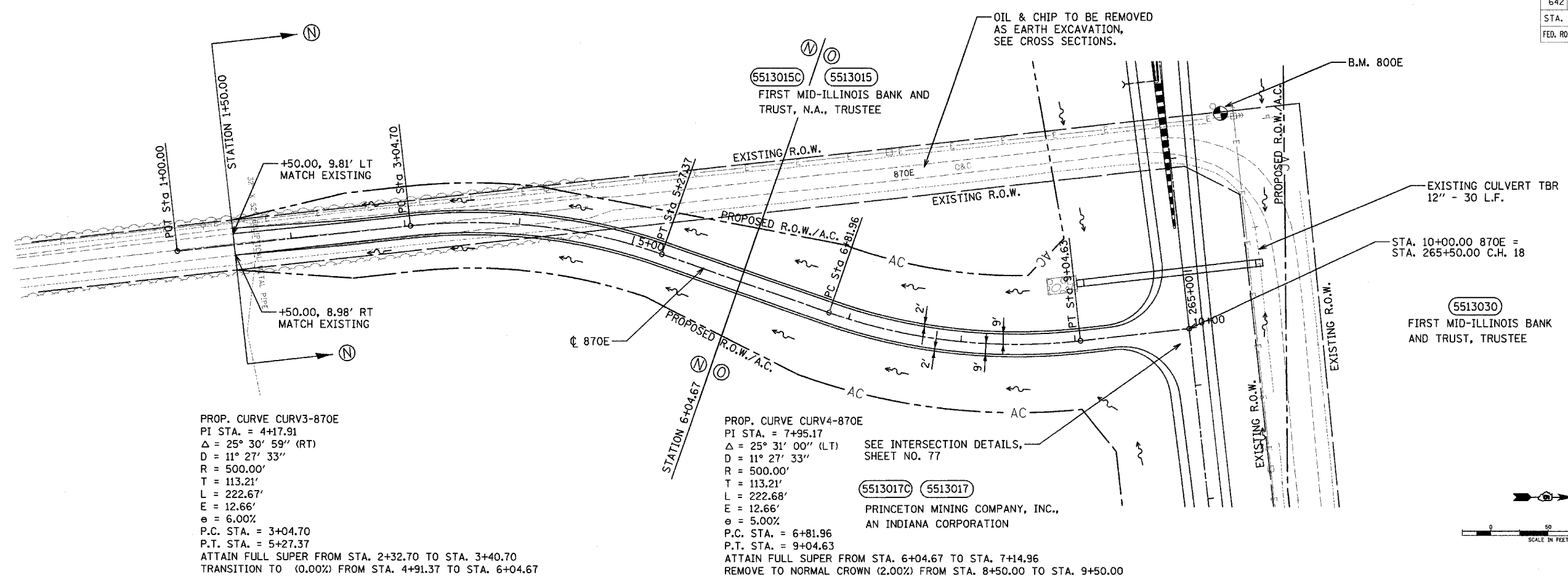
PLAN
 NO. _____
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 DRAWN _____
 DATE _____
 REVISION _____
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DATE	BY	REVISION

PROFILE
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 CHECKED _____
 DATE _____
 DRAWN _____
 DATE _____
 REVISION _____
 DATE _____



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES		229	48
STA. 2+50.00		TO STA. 10+00.00		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

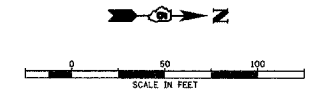


PROP. CURVE CURV3-870E
 PI STA. = 4+17.91
 $\Delta = 25^\circ 30' 59''$ (RT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 113.21'$
 $L = 222.67'$
 $E = 12.66'$
 $e = 6.00\%$
 P.C. STA. = 3+04.70
 P.T. STA. = 5+27.37
 ATTAIN FULL SUPER FROM STA. 2+32.70 TO STA. 3+40.70
 TRANSITION TO (0.00%) FROM STA. 4+91.37 TO STA. 6+04.67

PROP. CURVE CURV4-870E
 PI STA. = 7+95.17
 $\Delta = 25^\circ 31' 00''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 113.21'$
 $L = 222.68'$
 $E = 12.66'$
 $e = 5.00\%$
 P.C. STA. = 6+81.96
 P.T. STA. = 9+04.63
 ATTAIN FULL SUPER FROM STA. 6+04.67 TO STA. 7+14.96
 REMOVE TO NORMAL CROWN (2.00%) FROM STA. 8+50.00 TO STA. 9+50.00

SEE INTERSECTION DETAILS, SHEET NO. 77

55130170 5513017
 PRINCETON MINING COMPANY, INC.,
 AN INDIANA CORPORATION

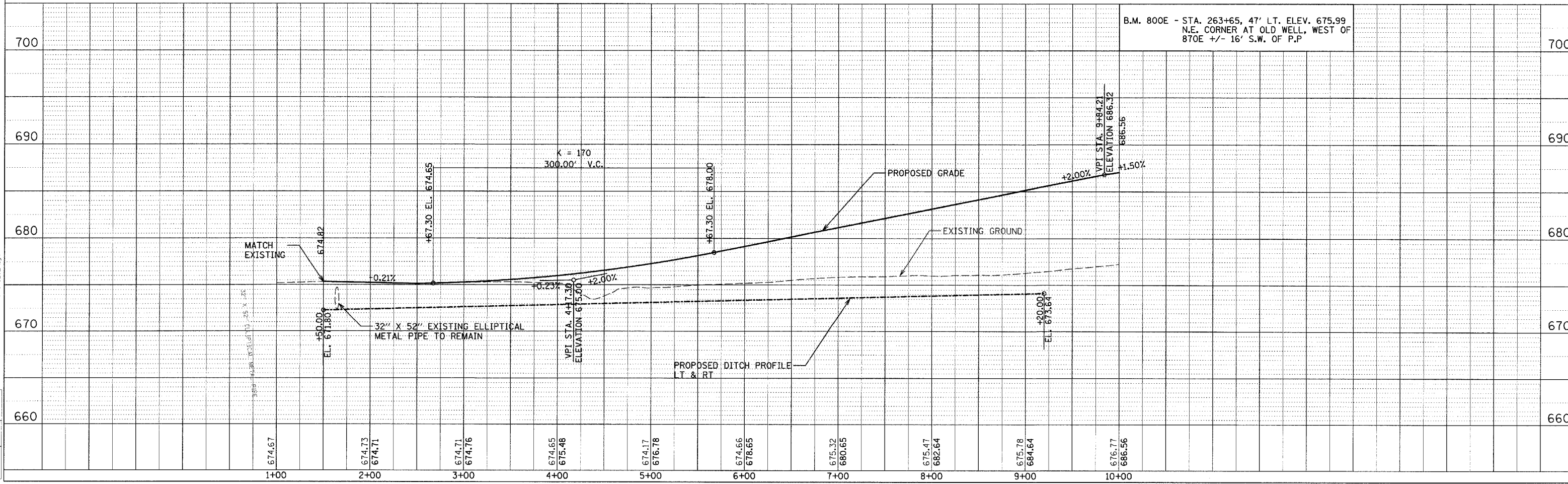


PLAN	SURVEYED	DATE
NO. 1	BY	
NO. 2	BY	
NO. 3	BY	
NO. 4	BY	
NO. 5	BY	



PROFILE	DATE
NO. 1	BY
NO. 2	BY
NO. 3	BY
NO. 4	BY
NO. 5	BY

DATE	07/13/2005
BY	SKM
CHKD	DJP
DATE	04/28/03
BY	SKM
CHKD	SKM
DATE	05/27/03
BY	SKM
CHKD	SKM



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	49
STA. 10+00.00		TO STA. 12+53.54		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

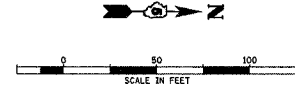
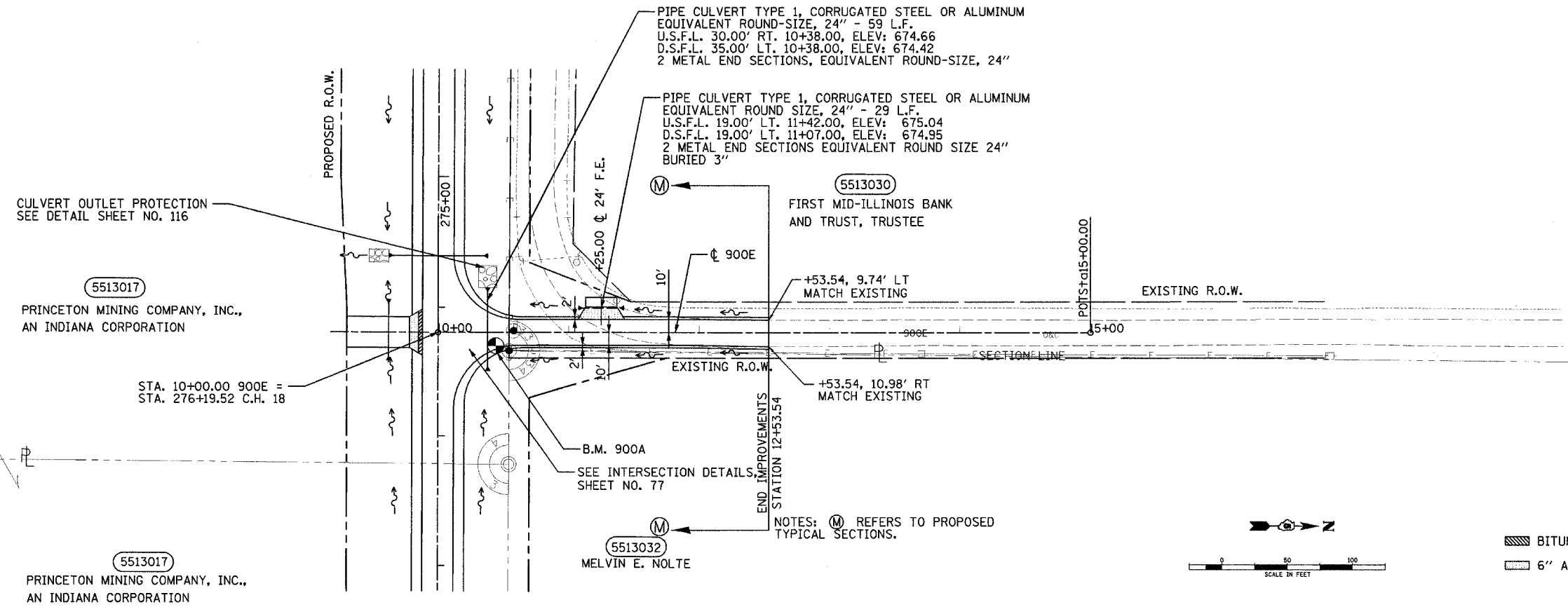
DATE	BY	REVISION

PLAN	DATE	BY

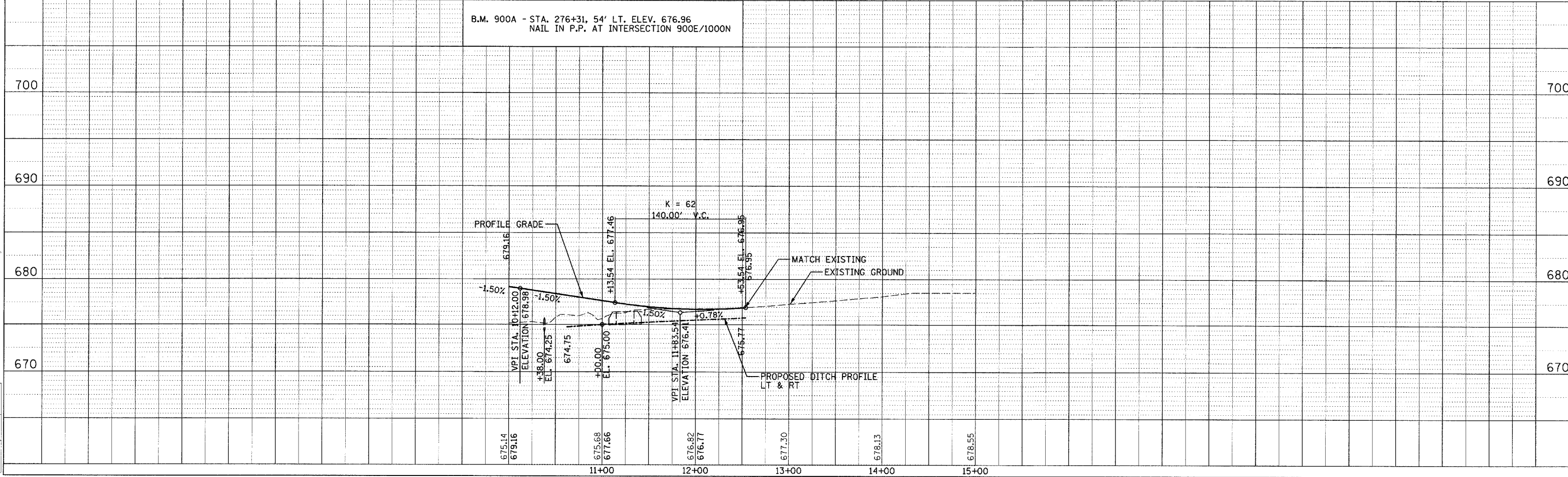


DATE	BY	REVISION

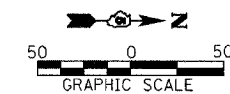
LAYOUT	DATE	BY
DJP/SJM	03/28/03	
DJP	04/28/03	
REVIEWED	SM	05/07/03



- BITUMINOUS SHOULDERS SUPERPAVE 8"
- 6" AGGREGATE SURFACE COURSE, TY. B

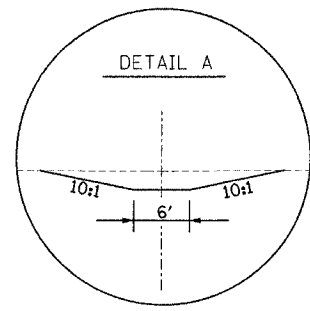


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



X TREE REMOVAL

NOTE: SEE DRAINAGE SCHEDULE SHEET NO. 25 FOR UNDERDRAIN LOCATIONS.



PLACE WOVEN WIRE FENCE, 4' ALONG PROPOSED R.O.W., BEGIN AT STA. 14+34.31, 45' RT. (RAMP A) AND END AT STA. 233+85.00, 60' LT. (C.H. 18), 2732'

2 PIPE CULVERT TYPE I, RCCP 36" - 48 L.F. EACH
 U.S.F.L. 23+50.00, 24.00' RT., ELEV: 684.25
 D.S.F.L. 23+50.00, 40.00' LT., ELEV: 684.00
 SKEW ANGLE 90°
 4 REINFORCED CONCRETE FLARED END SECTIONS 36"

5513026
 JOHN R. LOWRY and GAIL A. LOWRY

EXISTING FIELD TILE

SW/4 SEC. 33

MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID 18+77.00, 45.00' RT., RIM ELEV. 685.24 INVERT ELEV. FIELD VERIFY

EXISTING INLET

EXISTING FIELD TILE (APPROXIMATE LOCATION)

PROP. CURVE SOFFCURVE-4
 PI STA. = 30+77.71
 $\Delta = 47^\circ 42' 51''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 287.46'$
 $L = 541.30'$
 $E = 60.73'$
 $S.E. = 6\%$
 P.C. STA = 27+90.25
 P.T. STA = 33+31.55
 ATTAIN FULL SUPER FROM STA. 26+19.23 TO STA. 28+49.25
 REMOVE TO NORMAL CROWN FROM STA. 32+72.55 TO STA. 34+52.55

EXISTING I-57 CURVE
 PI STA. = 893+90.79
 $\Delta = 21^\circ 46' 30''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 1,102.05'$
 $L = 2,177.50'$
 $E = 105.02'$
 $S.E. = 2.00\%$
 P.C. STA = 882+88.74
 P.T. STA = 904+66.24

SEE WETLAND GRADING PLAN SHEET NO. 109

5513026
 JOHN R. LOWRY and GAIL A. LOWRY

REMOVE WOVEN WIRE FENCE FROM STA. 39+00.00 RAMP B TO STA. 14+34.31 RAMP A, 3,803'

EXISTING RISER
 N - 1,040,386.429
 E - 989,838.341
 ELEV = 682.48

N - 1,040,460.513
 E - 989,793.661
 ELEV = 683.00

6' WIDE DITCH WITH 10:1 SIDESLOPES SEE DETAIL A
 N - 1,040,562.054
 E - 989,732.420
 ELEV = 683.00

N - 1,040,699.321
 E - 989,649.634
 ELEV = 684.00

PROP. CURVE SOFFCURVE-3
 PI STA. = 21+44.89
 $\Delta = 44^\circ 09' 36''$ (RT)
 $D = 6^\circ 44' 26''$
 $R = 850.00'$
 $T = 344.80'$
 $L = 655.13'$
 $E = 67.27'$
 $S.E. = 6\%$
 P.C. STA = 18+00.09
 P.T. STA = 24+55.21
 ATTAIN FULL SUPER FROM STA. 16+60.09 TO STA. 18+70.09
 REMOVE TO 0% SUPER FROM STA. 23+89.21 TO STA. 26+19.23

B.M. 800C - STA. 250+81, 52' LT. ELEV. 683.69
 NAIL IN LONE POST NEAR S.W. CORNER OF WOODED AREA AROUND POND

B.M. I-2 - STA. 907+10, 84' RT. ELEV. 686.20
 CHISELED SQUARE ON NORTH END OF EAST HEADWALL OF STRUCTURE 8311, 30' EAST OF CL OF NORTH BOUND I-57.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCHANGE PLAN
 RAMP A
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

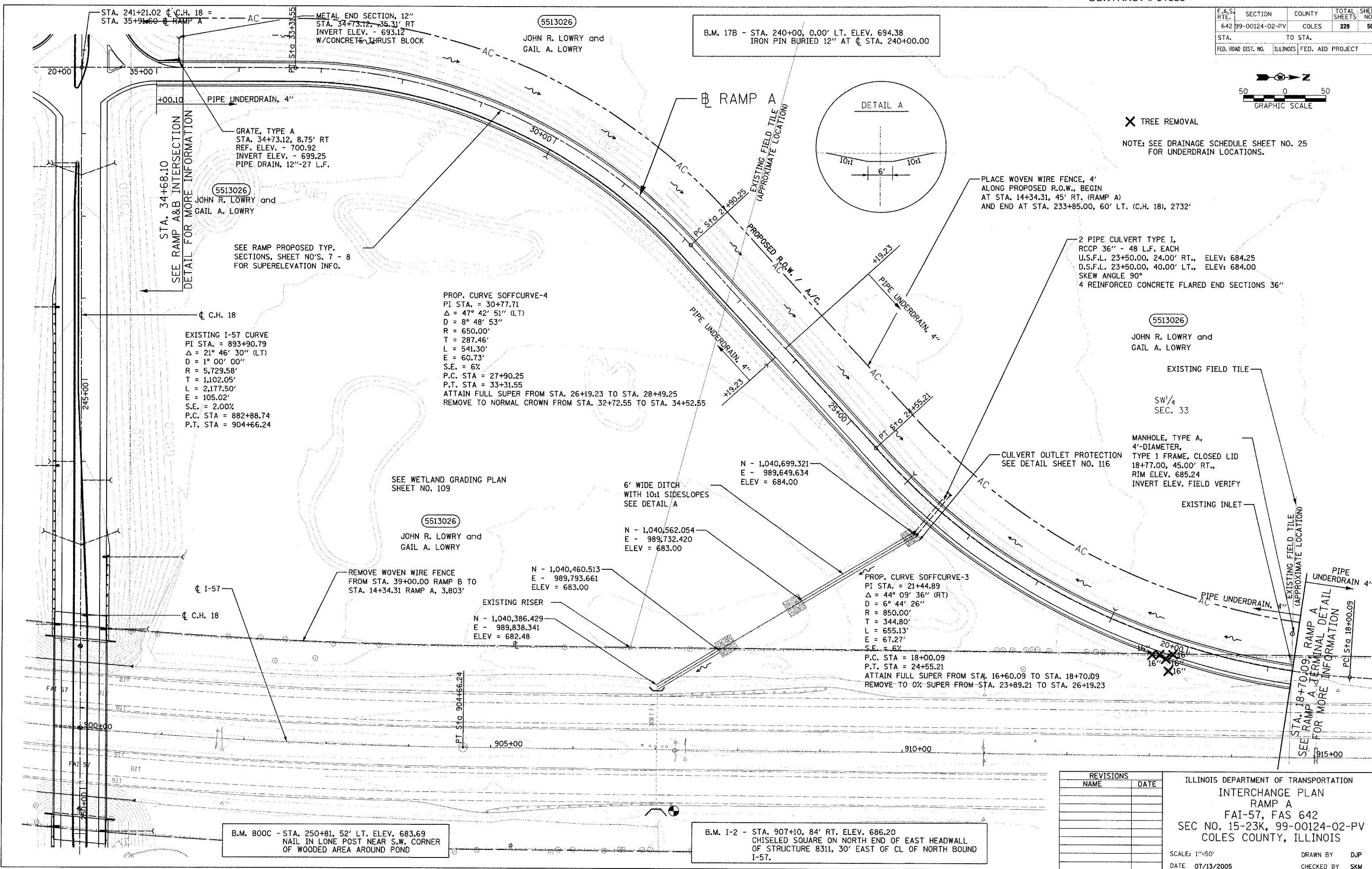
SCALE: 1"=50'
 DATE 07/13/2005

DRAWN BY DJP
 CHECKED BY SKM



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LA:0111 D:\P\304\0729\03 07/13/2005
 DRAWN: DJP 10/29/03
 REVISIONS: JRB 10/29/03



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	51
STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

✕ TREE REMOVAL
 NOTE: SEE DRAINAGE SCHEDULE SHEET NO. 25 FOR UNDERDRAIN LOCATIONS.
 SEE CROSS SECTIONS FOR BERM LOCATED AT STA. 30+00.00 RAMP B TO STA. 33+00.00 RAMP B

B.M. 17B - STA. 240+00, 0.00' LT. ELEV. 694.38
 IRON PIN BURIED 12" AT CL STA. 240+00.00

METAL END SECTION, 12"
 STA. 21+29.97, 43.97' RT
 INVERT ELEV. - 691.52
 W/CONCRETE THRUST BLOCK

PLACE WOVEN WIRE FENCE, 4'
 ALONG PROPOSED R.O.W., BEGIN AT STA. 233+85.00, 65' RT. (C.H. 18) AND END AT STA. 39+00.00, 48.54' RT. (RAMP B), 2432'

GRATE, TYPE A
 STA. 21+29.97, 8.75' RT
 REF. ELEV. - 700.73
 INV. ELEV. - 699.06
 PIPE DRAIN, 12" - 36 L.F.

PROP. CURVE SONCURVE-4
 PI STA. = 33+65.79
 $\Delta = 53^\circ 54' 59''$ (RT)
 $D = 6^\circ 44' 26''$
 $R = 850.00'$
 $T = 432.32'$
 $L = 799.87'$
 $E = 103.62'$
 $S.E. = 6\%$
 P.C. STA = 29+33.48
 P.T. STA = 37+33.34
 ATTAIN FULL SUPER FROM STA. 28+08.61 TO STA. 29+99.48
 REMOVE TO NORMAL CROWN FROM STA. 36+02.94 TO STA. 48+82.94

PROP. CURVE SONCURVE-3
 PI STA. = 24+95.97
 $\Delta = 32^\circ 47' 26''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 191.25'$
 $L = 372.00'$
 $E = 27.55'$
 $S.E. = 6\%$
 P.C. STA = 23+04.73
 P.T. STA = 26+76.73
 ATTAIN FULL SUPER FROM STA. 21+83.73 TO STA. 23+63.73
 REMOVE TO 0% SUPER FROM STA. 26+17.73 TO STA. 28+08.61

EXISTING I-57 CURVE
 PI STA. = 893+90.79
 $\Delta = 21^\circ 46' 30''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 1,102.05'$
 $L = 2,177.50'$
 $E = 105.02'$
 $S.E. = 2\%$
 P.C. STA = 882+88.74
 P.T. STA = 904+66.24

PRECAST BOX CULVERT 6' X 3' (M273) - 76 L.F.
 U.S.F.L. 30+00.00, 54.00' LT. ELEV: 677.50
 D.S.F.L. 30+00.00, 34.00' RT. ELEV: 677.30
 2 PRECAST CONCRETE BOX CULVERT END SECTIONS WITH GRATING

REMOVE WOVEN WIRE FENCE FROM STA. 39+00.00 RAMP B TO STA. 14+34.31 RAMP A, 3803'

PP-341

5513013
 JOSEPH ROY ALLENBAUGH

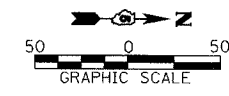
RIPRAP STILLING BASIN
 SEE DETAIL SHEET NO. 116

SEE RAMP PROPOSED TYPICAL SECTIONS, SHEET NO. 7 & 8 FOR SUPERELEVATION INFO.

5513013
 JOSEPH ROY ALLENBAUGH

STA. 21+81.79
 SEE RAMP A&B INTERSECTION DETAIL FOR MORE INFORMATION

STA. 36+03.34
 SEE RAMP B TERMINAL DETAIL FOR MORE INFORMATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCHANGE PLAN
 RAMP B
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=50'
 DATE: 07/13/2005

DRAWN BY: DJP
 CHECKED BY: SKM

B.M. I-1 - STA. 887+50, 0' LT. ELEV. 680.29
 CHISELED SQUARE ON CONCRETE INLET AT CL STA. 887+50 ON I-57



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LAYOUT: DJP/SKM 03/28/03 07/13/2005
 DRAWN: DJP 04/28/03
 REVIEWED: JRM 05/07/03
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES	ILLINOIS	229	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PROP. CURVE NOFFCURVE-3
 PI STA. = 40+76.14
 $\Delta = 35^\circ 52' 41''$ (RT)
 $D = 6^\circ 44' 26''$
 $R = 850.00'$
 $T = 275.18'$
 $L = 532.26'$
 $E = 43.44'$
 $S.E. = 6\%$
 P.C. STA = 38+00.96
 P.T. STA = 43+33.22
 ATTAIN FULL SUPER FROM STA. 36+60.96 TO STA. 38+70.96
 REMOVE TO 0% SUPER FROM STA. 42+67.22 TO STA. 44+96.94

5513055
 PAUL GRAFTON DAILY, TRUSTEE

B.M. I-1 - STA. 887+50, 0' LT. ELEV. 680.29
 CHISELED SQUARE ON CONCRETE INLET AT
 CL STA. 887+50 ON I-57

EXISTING I-57 CURVE
 PI STA. = 893+90.79
 $\Delta = 21^\circ 46' 30''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 1,102.05'$
 $L = 2,177.50'$ 1/4 SECTION LINE
 $E = 105.02'$
 $S.E. = 2\%$
 P.C. STA = 882+88.74
 P.T. STA = 904+66.24

EXISTING END SECTION TO BE REMOVED PIPE
 CULVERT TYPE 1, RCCP 36" - 62 L.F.
 U.S.F.L. MATCH EXISTING
 D.S.F.L. 39+28.00, 29.00' RT., ELEV. 676.30
 PRECAST CONCRETE FLARED END SECTION 36" W/GRATING

PIPE CULVERT TYPE 1, RCCP, 36" - 57 L.F.
 U.S.F.L. 41+00.00, 46.00' LT. ELEV: 676.75
 D.S.F.L. 41+00.00, 27.00' RT. ELEV: 676.50
 2 PRECAST REINFORCED CONCRETE FLARED
 END SECTIONS 36"

PIPE CULVERT TYPE 1, RCCP, 36" - 147 L.F.
 U.S.F.L. 50+00.00, 86.00' LT., ELEV: 675.80
 D.S.F.L. 50+00.00, 73.00' RT., ELEV: 675.20
 2 PRECAST REINFORCED CONCRETE FLARED
 END SECTIONS 36"

PLACE WOVEN WIRE FENCE, 4'
 ALONG PROPOSED R.O.W., BEGIN
 AT STA. 33+48.07, 50' RT. (RAMP C)
 AND END AT STA. 264+60.00,
 100' RT. (C.H. 18), 2803'

REMOVE WOVEN WIRE FENCE
 FROM STA. 33+48.09 RAMP C TO
 STA. 63+00.00 RAMP D, 3890'

PROP. CURVE NOFFCURVE-4
 PI STA. = 50+45.08
 $\Delta = 61^\circ 12' 10''$ (LT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 384.43'$
 $L = 694.32'$
 $E = 105.17'$
 $S.E. = 6\%$
 P.C. STA = 46+60.65
 P.T. STA = 53+54.97
 ATTAIN FULL SUPER FROM STA. 44+96.94
 TO STA. 47+19.65
 REMOVE TO NORMAL CROWN FROM STA. 52+95.97
 TO STA. 54+75.97

5513015
 FIRST MID-ILLINOIS BANK AND
 TRUST, N.A., TRUSTEE

SEE RAMP PROPOSED
 TYPICAL SECTIONS,
 SHEET NO. FOR
 SUPERELEVATION
 INFO.

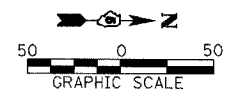
RIPRAP STILLING BASIN
 SEE DETAIL SHEET NO. 116

5513015
 FIRST MID-ILLINOIS BANK AND
 TRUST, N.A., TRUSTEE

GRATE, TYPE A
 STA. 54+95.96, 8.75' RT
 REF. ELEV - 700.84
 INV. ELEV. - 699.17
 PIPE DRAIN, 12" - 112 L.F.

METAL END SECTION, 12"
 STA. 54+86.74, 118.42' RT
 INV. ELEV - 676.88
 W/CONCRETE THRUST BLOCK

B.M. 800C - STA. 250+81, 52' LT. ELEV. 683.69
 NAIL IN LONE POST NEAR S.W. CORNER
 OF WOODED AREA AROUND POND



NOTE: SEE DRAINAGE SCHEDULE SHEET NO. 25
 FOR UNDERDRAIN LOCATIONS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERCHANGE PLAN
 RAMP C
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=50'
 DATE 07/13/2005
 DRAWN BY DJP
 CHECKED BY SKM



LAYOUT: DJP/SJM 07/13/2005
 DRAWN: DJP 07/13/2005
 CHECKED: SKM 07/13/2005
 PROJECT: 99-00124-02-PV

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	53
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

B.M. 800C - STA. 250+81, 52' LT. ELEV. 683.69
NAIL IN LONE POST NEAR S.W. CORNER
OF WOODED AREA AROUND POND

B.M. I-2 - STA. 907+10, 84' RT. ELEV. 686.20
CHISELED SQUARE ON NORTH END OF EAST HEADWALL
OF STRUCTURE 8311, 30' EAST OF CL OF NORTH BOUND
I-57.

EXIST. I-57 CURVE
PI STA. = 893+90.79
 $\Delta = 21^\circ 46' 30''$ (LT)
D = 1° 00' 00"
R = 5,729.58'
T = 1,102.05'
L = 2,177.50'
E = 105.02'
S.E. = 2%
P.C. STA = 882+88.74
P.T. STA = 904+66.24

TREE REMOVAL, ACRES
0.50 AC.
SEE CROSS SECTIONS FOR
PROPOSED ROCK FILL

REMOVE WOVEN WIRE FENCE
FROM STA. 33+48.09 RAMP C TO
STA. 63+00.00 RAMP D, 3890'

SEE CROSS SECTIONS FOR
PROPOSED ROCK FILL

TREE REMOVAL, ACRES
0.55 AC.

SEE RAMP D
TERMINAL DETAIL
FOR MORE INFORMATION

5513028
JAMIE STEINHILBER

SURVEYED WATER ELEVATION = 680.00

5513028
JAMIE STEINHILBER

C.C.H. 18

PRECAST BOX CULVERT 6'X3' 197 L.F.
U.S.F.L. 113.00' LT. 41+46.00, ELEV: 679.00
D.S.F.L. 105.00' RT. 41+27.00, ELEV: 677.05
SKEW ANGLE 85° LT FWD
2 PRECAST BOX CULVERT END SECTIONS 6'X3'
WITH GRATING

SEE SHEET NO. 111
FOR WETLAND
GRADING PLAN

MANHOLE, TYPE A, 4'-DIAMETER,
TYPE 1 FRAME, CLOSED LID
56+81.50, 57.00' RT., RIM ELEV. 684.51
INVERT ELEV. FIELD VERIFY

WOVEN WIRE FENCE, 4'
TRANSITIONS FROM PROPOSED R.O.W., BEGIN
AT STA. 51+00.00, 70' RT TO STA. 52+00.00 32' RT.
TO STA. 54+50.00, 32' RT TO PROPOSED R.O.W. @
STA. 56+00.00, 70' RT

5513030
FIRST MID-ILLINOIS BANK
& TRUST, N.A., TRUSTEE

5513030
FIRST MID-ILLINOIS BANK
& TRUST, N.A., TRUSTEE

GRATE, TYPE A
STA. 41+29.97, 8.75' RT
REF. ELEV. - 700.66
INV. ELEV. - 698.99
PIPE DRAIN, 12" - 99 L.F.

PROP. CURVE NONCURVE-4
PI STA. = 54+87.80
 $\Delta = 46^\circ 06' 54''$ (RT)
D = 6° 44' 26"
R = 850.00'
T = 361.81'
L = 684.13'
E = 73.80'
S.E. = 6%
P.C. STA = 51+25.99
P.T. STA = 58+10.12
ATTAIN FULL SUPER FROM STA. 49+78.84
TO STA. 51+91.99
REMOVE TO NORMAL CROWN FROM STA. 56+80.12
TO STA. 69+60.12

PIPE UNDERDRAIN, 4"

RAMP D

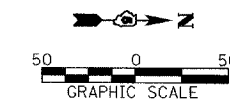
CULVERT OUTLET
PROTECTION, SEE
DETAIL SHEET NO. 116

METAL END SECTION, 12"
STA. 41+43.17, 106.85' RT
INV. ELEV. - 677.00
W/CONCRETE THRUST BLOCK

PROP. CURVE NONCURVE-3
PI STA. = 45+75.19
 $\Delta = 46^\circ 45' 51''$ (LT)
D = 8° 48' 53"
R = 650.00'
T = 281.04'
L = 530.52'
E = 58.15'
S.E. = 6%
P.C. STA = 42+94.15
P.T. STA = 48+24.68
ATTAIN FULL SUPER FROM STA. 41+73.15 TO STA. 43+53.15
REMOVE TO 0% SUPER FROM STA. 47+65.68 TO STA. 49+78.87

NOTE: SEE DRAINAGE SCHEDULE SHEET NO. 25
FOR UNDERDRAIN LOCATIONS.

SEE RAMP PROPOSED TYP.
SECTIONS, SHEET NO'S. 7 - 9,
FOR SUPERELEVATION INFO.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE PLAN
RAMP D
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=50'
DATE 07/13/2005
DRAWN BY DJP
CHECKED BY SKM

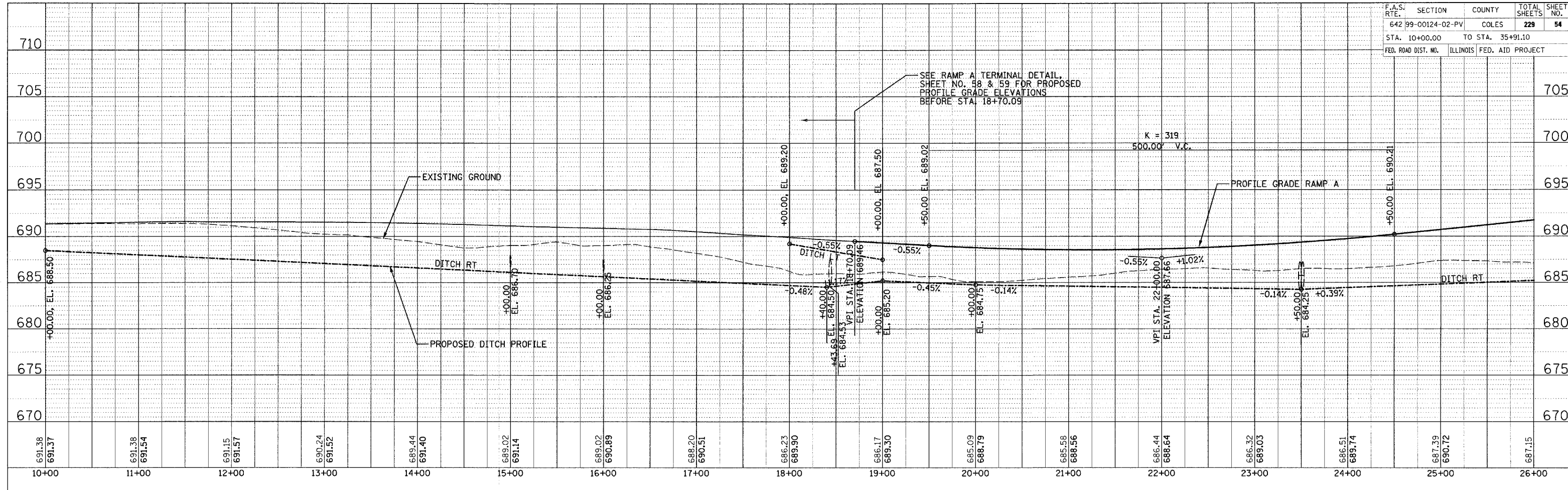


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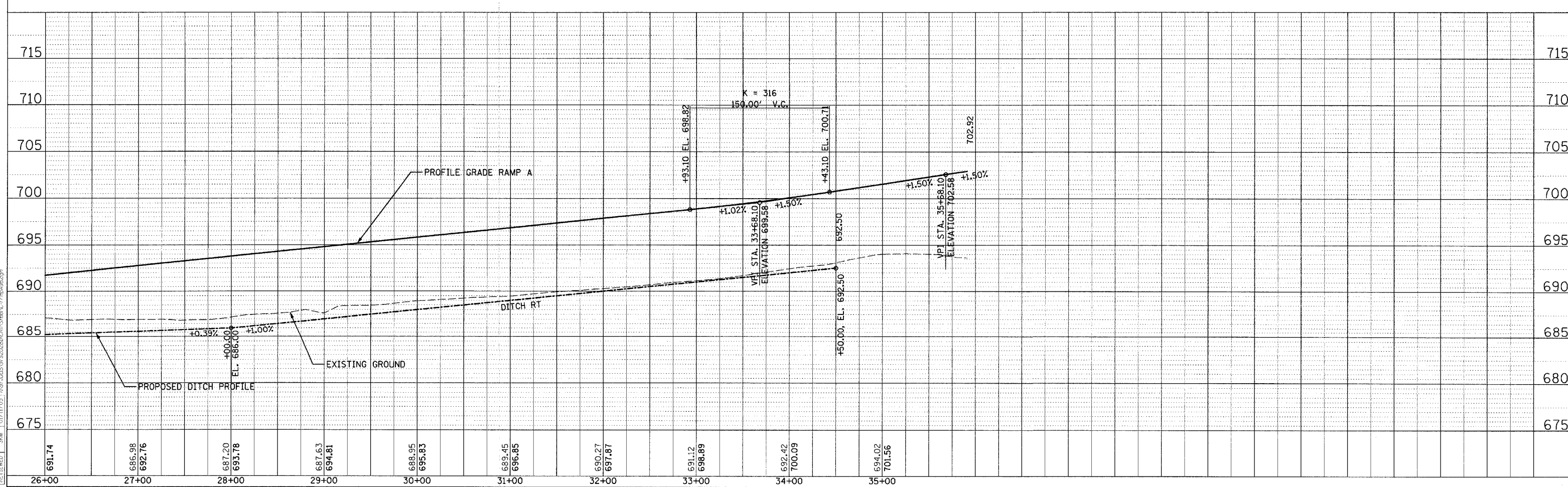
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CHECKED BY: SKM
PROJECT: I-57/005/99-00124-02-PV/Sheet c-5301.rvt.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES		229	54
STA. 10+00.00		TO STA. 35+91.10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	REVIEWED	DATE
NO.	BY	
	NO. BOOK	
	ALIGNMENT CHECKED	
	PROFILES CHECKED	
	STRUCTURE NOTATION CHECKED	
	DATE	

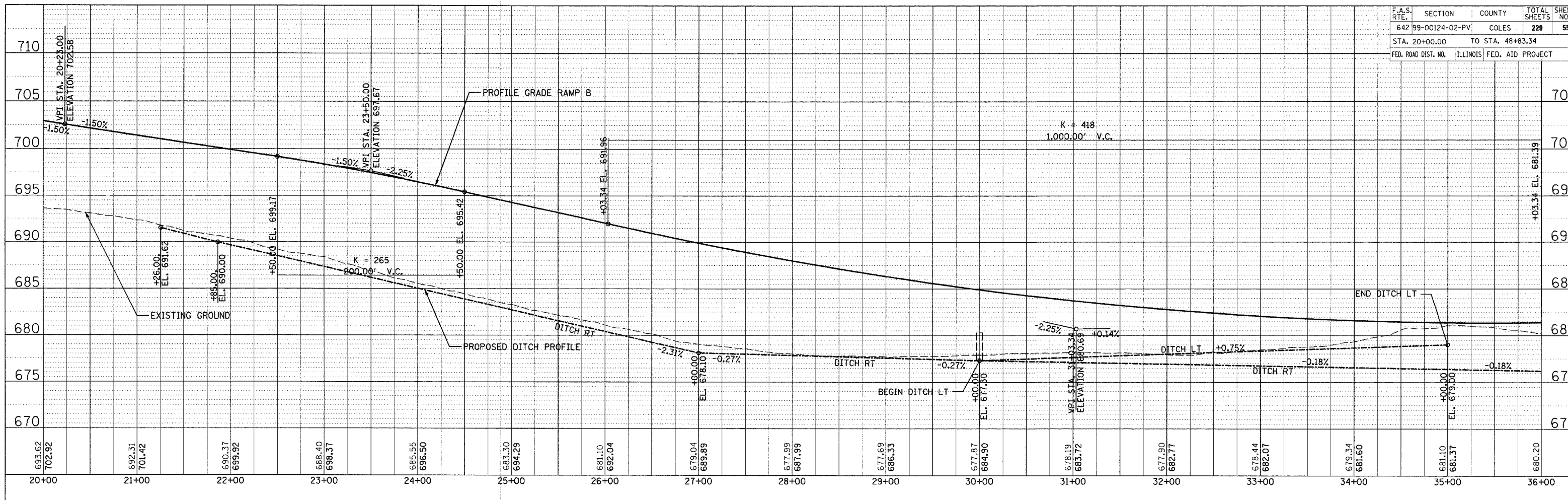


PROFILE	REVIEWED	DATE
NO.	BY	
	NO. BOOK	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	DATE	

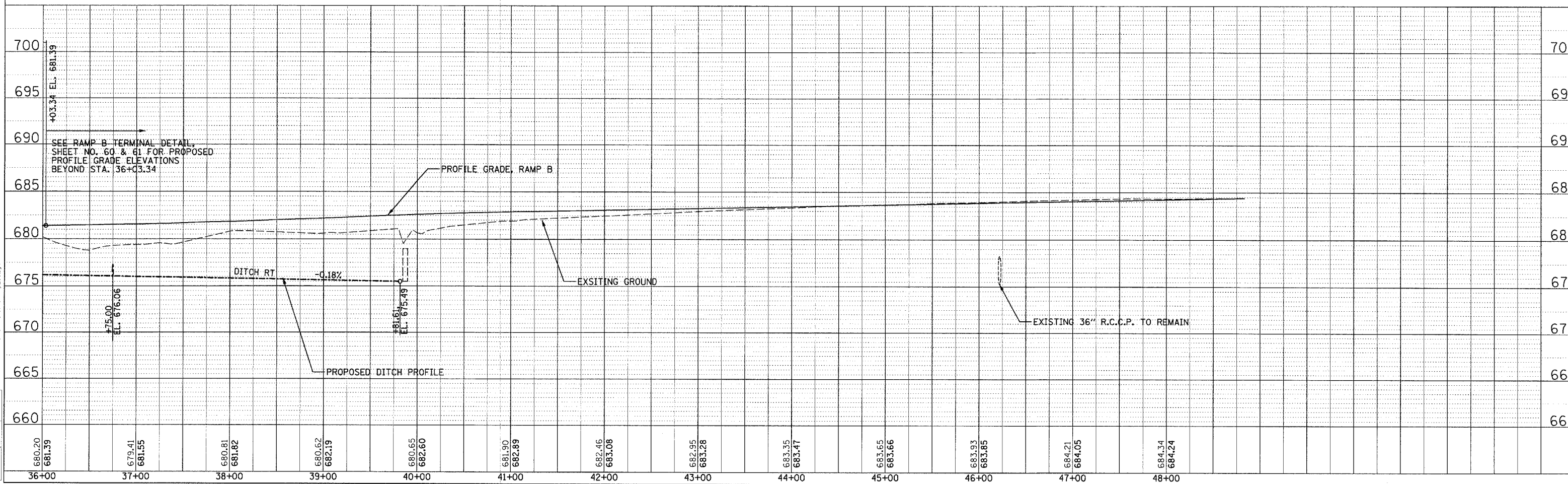


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	55
STA. 20+00.00		TO STA. 48+83.34		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SURVEYED BY: _____ DATE: _____
 PLOTTED BY: _____
 CHECKED BY: _____
 NO. _____
 FILE NAME: _____
HANSON
 PROFESSIONAL SERVICES INC. 2005



SURVEYED BY: _____ DATE: _____
 PLOTTED BY: _____
 CHECKED BY: _____
 NO. _____
 FILE NAME: _____
HANSON
 PROFESSIONAL SERVICES INC. 2005



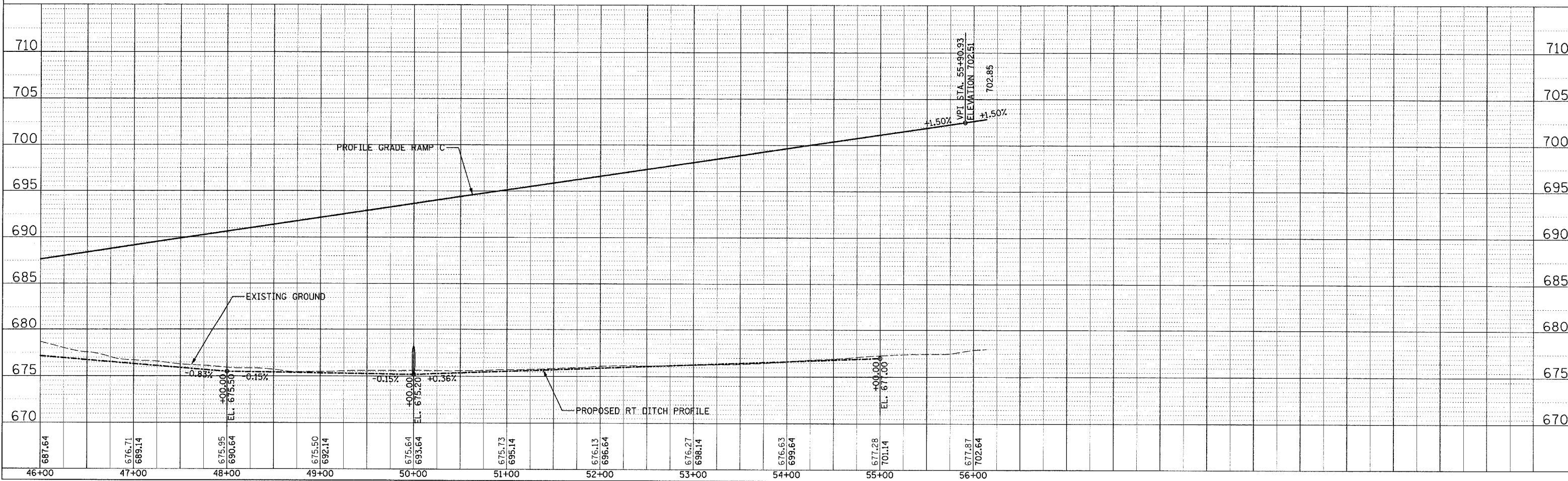
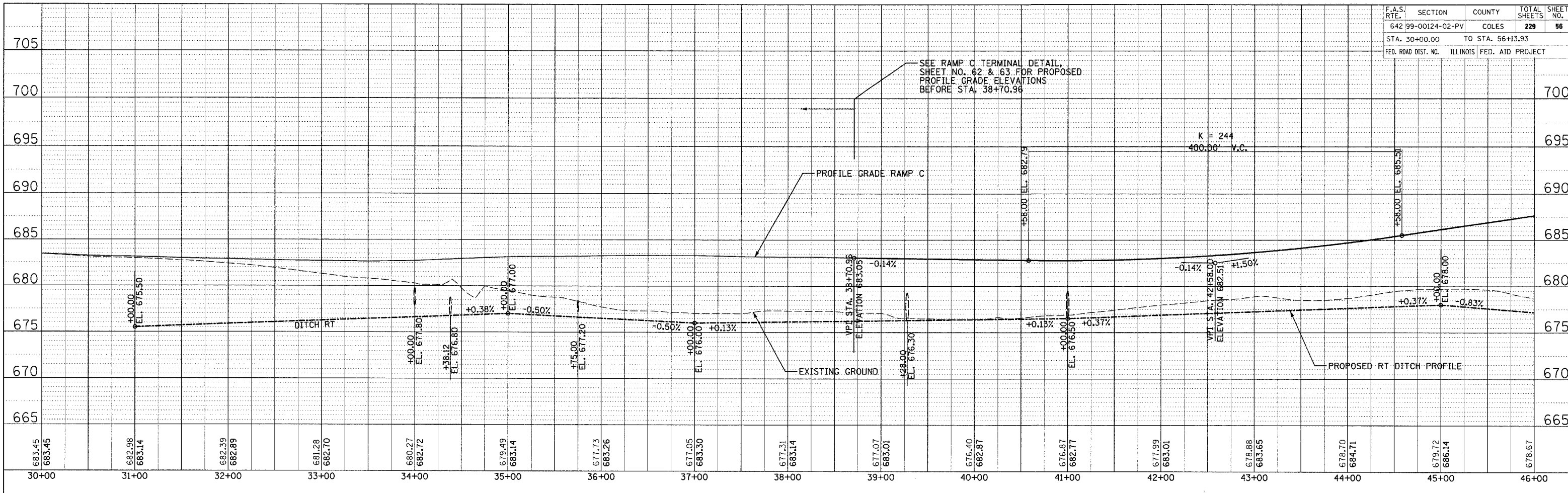
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES		229	56
STA. 30+00.00		TO STA. 56+13.93		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DATE	BY
PL AN	NO. _____
NO. _____	FILE NAME
NO. _____	FILE NAME



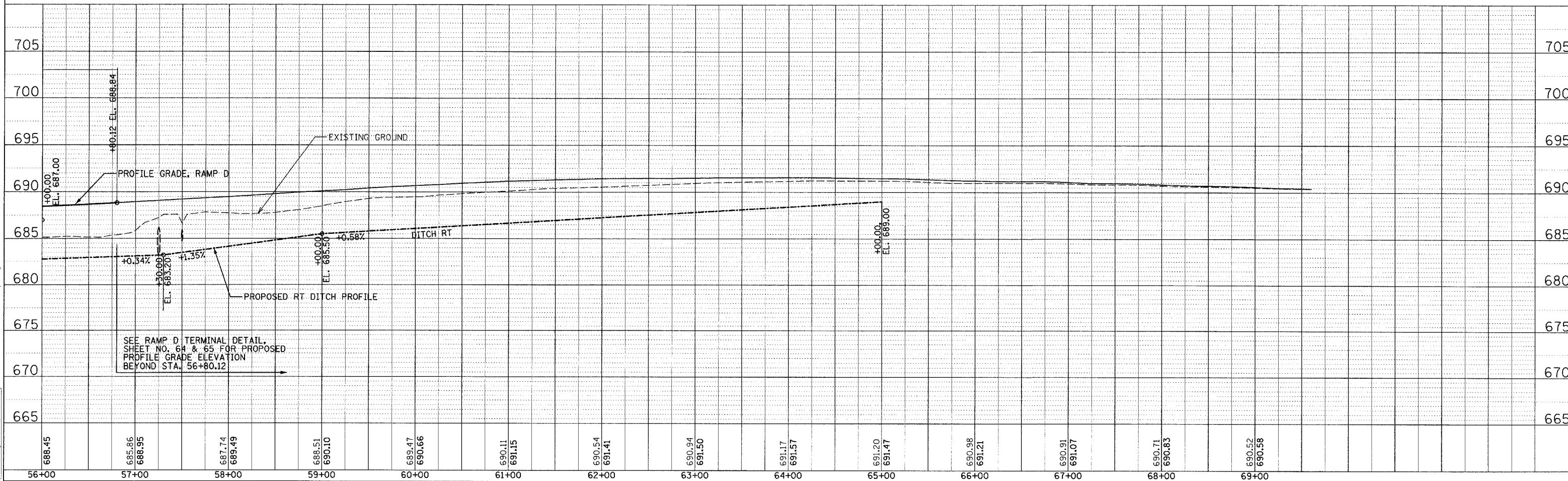
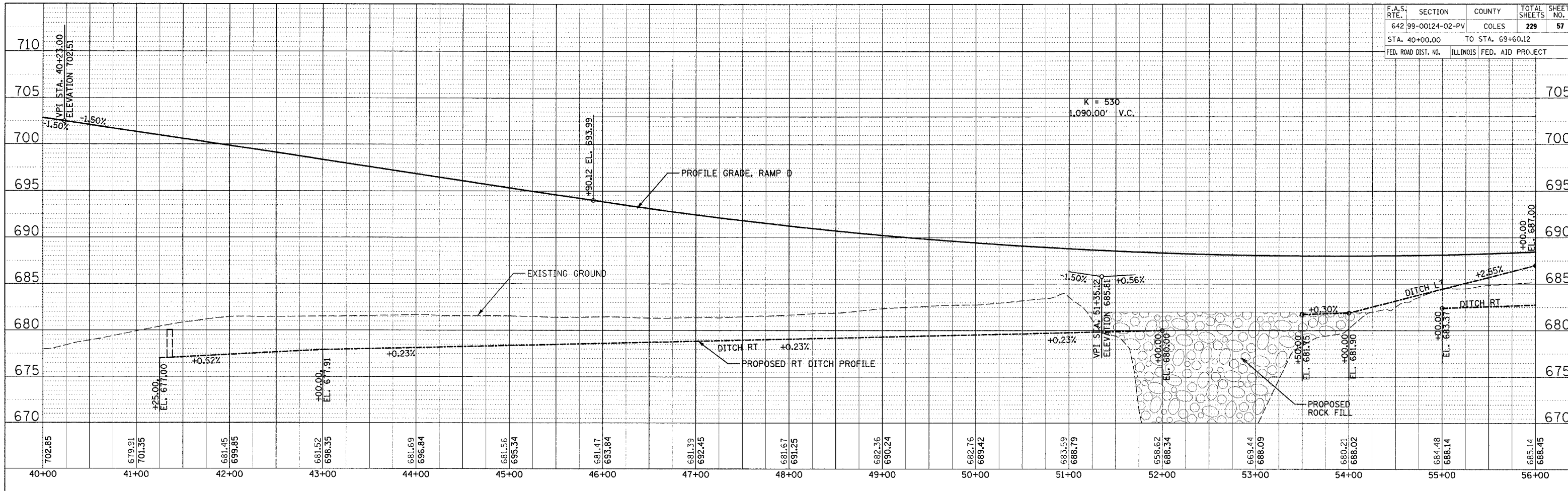
DATE	BY
PROFILE	NO. _____
NO. _____	FILE NAME
NO. _____	FILE NAME

LAYOUT	NO. _____
NO. _____	FILE NAME
NO. _____	FILE NAME



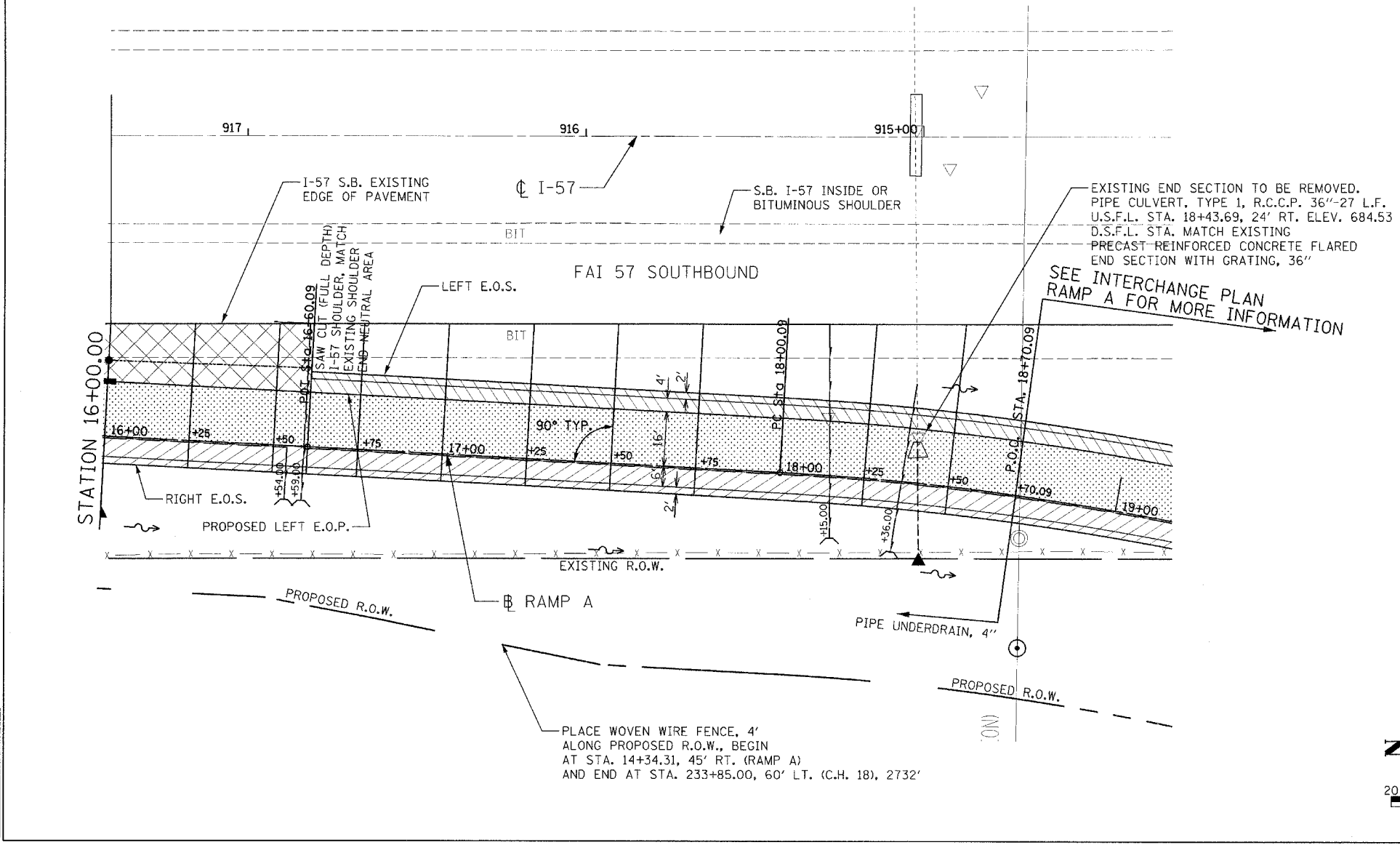
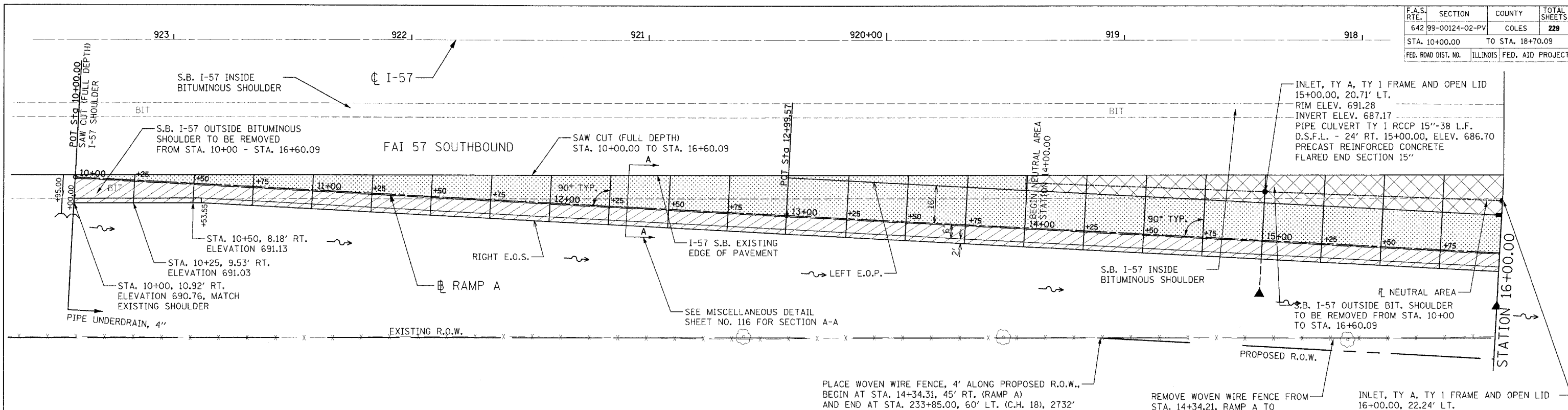
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES		229	57
STA. 40+00.00		TO STA. 69+60.12		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

LAYOUT: D:\P\SKM\03\28\03 DRAWN: DJP 04/28/03 07/12/2005
 DRAWING: 05/07/03 05/07/03 05/07/03 05/07/03
 REVIEWED: SKM
 PROFILE: D:\P\SKM\03\28\03
 PROFILE: D:\P\SKM\03\28\03
 NOTE BOOK: GRADES CHECKED
 NOTE BOOK: STRUCTURE INSTANTLY CHKD
 PLAN: REFERRED
 PLAN: PLOTTED
 NOTE BOOK: ALIGNED
 NOTE BOOK: CHECKED
 NO.: FILE NAME



SEE RAMP D TERMINAL DETAIL, SHEET NO. 64 & 65 FOR PROPOSED PROFILE GRADE ELEVATION BEYOND STA. 56+80.12

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	58
STA. 10+00.00		TO STA. 18+70.09		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES: SEE RAMP PROFILE, SHEET NO. 54, FOR PROFILE BEYOND STA. 18+70.09. SEE PROPOSED RAMP TYPICAL SECTIONS, SHEET NOS. 7 AND 8 FOR SUPERELEVATION TRANSITIONS BEYOND STA. 18+70.09. SEE STANDARD 420306 FOR JOINTING AND OTHER INFORMATION. EXTEND THE AGGREGATE BASE COURSE AND LIME MODIFIED SOILS 1.50' OUTSIDE THE RAMP BASELINE.

REMOVE EXISTING PIPE UNDERDRAINS, PIPE UNDERDRAIN, SPECIAL, AND END SECTIONS ALONG I-57 FROM STA. 10+00.00, RAMP A TO STA. 16+60.09, RAMP A. REPLACE WITH DRAINAGE ITEMS SHOWN ABOVE AND IN DRAINAGE SCHEDULES. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.

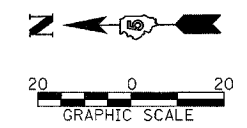
- LEGEND**
- RAMP PAVEMENT
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"
 - RAMP RIGHT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2" (6' WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)
 - RAMP NEUTRAL AREA
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"
 - RAMP LEFT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS, 9 1/2" (4' WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP A TERMINAL DETAIL
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=20'
 DATE 07/13/2005

DRAWN BY JLW
 CHECKED BY SKM



LAYOUT: DJP/5/4/03/28/03
 DRAWN: JLV 04/28/03
 PREPARED: SKM 11/22/04
 07/13/2005
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STATION	RAMP A				I-57 S.B. EXISTING E.O.P.		NEUTRAL AREA		
	RAMP A ELEVATION	OFFSET TO PROPOSED LEFT E.O.P.	LEFT E.O.P. ELEVATION	RIGHT E.O. AGG. SHLDR ELEVATION	LEFT E.O.S. ELEVATION	OFFSET FROM RAMP A	SURVEYED ELEV.	OFFSET FROM RAMP A	ELEVATION
10+00.00	691.37			690.76		1.00	691.38		
10+25.00	691.41			691.03		2.34	691.45		
10+50.00	691.46			691.13		3.67	691.52		
10+75.00	691.50			691.18		5.01	691.58		
11+00.00	691.54			691.22		6.34	691.64		
11+25.00	691.59			691.27		7.68	691.71		
11+50.00	691.61			691.29		9.01	691.75		
11+75.00	691.58			691.26		10.35	691.74		
12+00.00	691.57			691.25		11.68	691.75		
12+25.00	691.57			691.25		13.02	691.77		
12+50.00	691.56			691.24		14.35	691.78		
12+75.00	691.53			691.21		15.69	691.77		
12+99.57	691.52	16.00	691.76	691.20		17.00	691.76		
13+25.00	691.51	16.00	691.75	691.19		18.36	691.75		
13+50.00	691.49	16.00	691.73	691.17		19.70	691.73		
13+75.00	691.45	16.00	691.69	691.13		21.03	691.69		
14+00.00	691.40	16.00	691.64	691.08		22.37	691.64	19.17	691.59
14+25.00	691.35	16.00	691.59	691.03		23.70	691.59	19.56	691.52
14+50.00	691.29	16.00	691.53	690.97		25.04	691.53	19.94	691.45
14+75.00	691.21	16.00	691.45	690.89		26.37	691.45	20.32	691.37
15+00.00	691.14	16.00	691.38	690.82		27.71	691.38	20.71	691.28
15+25.00	691.06	16.00	691.30	690.74		29.04	691.30	21.09	691.19
15+50.00	691.00	16.00	691.24	690.68		30.38	691.24	21.47	691.11
15+75.00	690.94	16.00	691.18	690.62		31.71	691.18	21.86	691.04
16+00.00	690.89	16.00	691.13	690.57		33.05	691.13	22.24	690.97
16+25.00	690.82	16.00	691.06	690.50		34.38	691.06	22.62	690.89
16+50.00	690.76	16.00	691.00	690.44		35.72	691.00	23.01	690.81
16+60.09	690.74	16.00	690.98	690.42		36.26	690.98	23.16	690.78
16+75.00	690.66	16.00	690.95	690.34	690.79	37.06	690.95		
17+00.00	690.51	16.00	690.89	690.19	690.73	38.39	690.89		
17+25.00	690.35	16.00	690.81	690.03	690.66	39.73	690.81		
17+50.00	690.18	16.00	690.73	689.86	690.58	41.06	690.73		
17+75.00	690.05	16.00	690.68	689.73	690.54	42.40	690.68		
18+00.00	689.90	16.00	690.62	689.54	690.48	43.73	690.62		
18+25.00	689.72	16.00	690.53	689.32	690.40	45.52	690.53		
18+50.00	689.57	16.00	690.46	689.12	690.34	48.10	690.46		
18+70.09	689.46	16.00	690.42	688.98	690.30	50.75	690.42		



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LAYOUT: [P:\51M\03\28\03] 07/13/2005
 DRAWN: JLW 04/28/03
 REVIEWED: SKM 11/22/04
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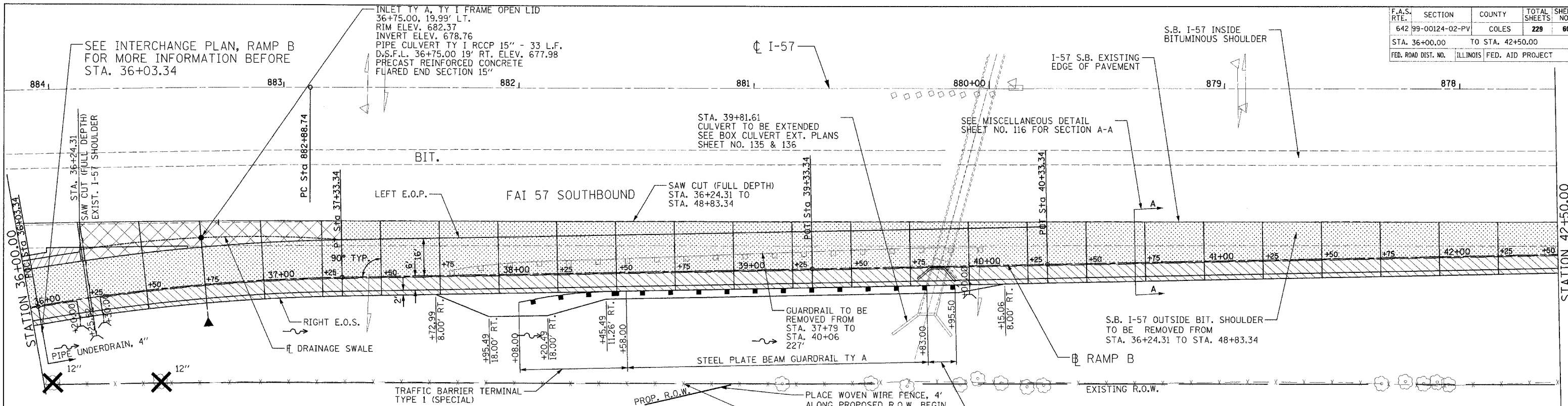
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RAMP A TERMINAL DETAIL
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 07/13/2005

DRAWN BY JLW
 CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	60
STA. 36+00.00		TO STA. 42+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLACE WOVEN WIRE FENCE, 4' ALONG PROPOSED R.O.W. BEGIN @ STA. 39+00.00, 48.54' RT., RAMP B AND END @ STA. 233+85.00, 65.00' RT., C.H. 18 - 2432'

REMOVE WOVEN WIRE FENCE FROM STA. 39+00.00, RAMP B TO STA. 14+34.31, RAMP A, 3803'

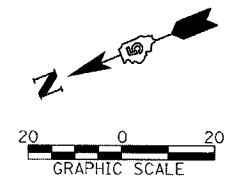
NOTES: SEE RAMP PROFILE SHEET NO. 55, FOR PROFILE BEFORE STA. 36+03.34. SEE PROPOSED RAMP TYPICAL SECTIONS, SHEET NOS. 7 & 8 AND FOR SUPERELEVATION TRANSITIONS BEFORE STA. 36+03.34. SEE STANDARD 420206 FOR JOINTING AND OTHER INFORMATION. EXTEND THE AGGREGATE BASE COURSE AND LIME MODIFIED SOILS 1.50' OUTSIDE THE RAMP BASELINE.

REMOVE EXISTING PIPE UNDERDRAIN, PIPE UNDERDRAIN, SPECIAL, AND END SECTIONS ALONG I-57 FROM STA. 36+24.31, RAMP B TO STA. 48+83.34, RAMP B AND REPLACE W/ DRAINAGE ITEMS SHOWN ABOVE AND ON THE DRAINAGE SCHEDULES. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.

LEGEND

- RAMP PAVEMENT
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 9/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"
- PROPOSED RIGHT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS 9/2" (6" WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)
- DRAINAGE SWALE
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 9/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"
- PROPOSED LEFT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS, 9/2" (4' WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)

TREE REMOVAL



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RAMP B TERMINAL DETAIL
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

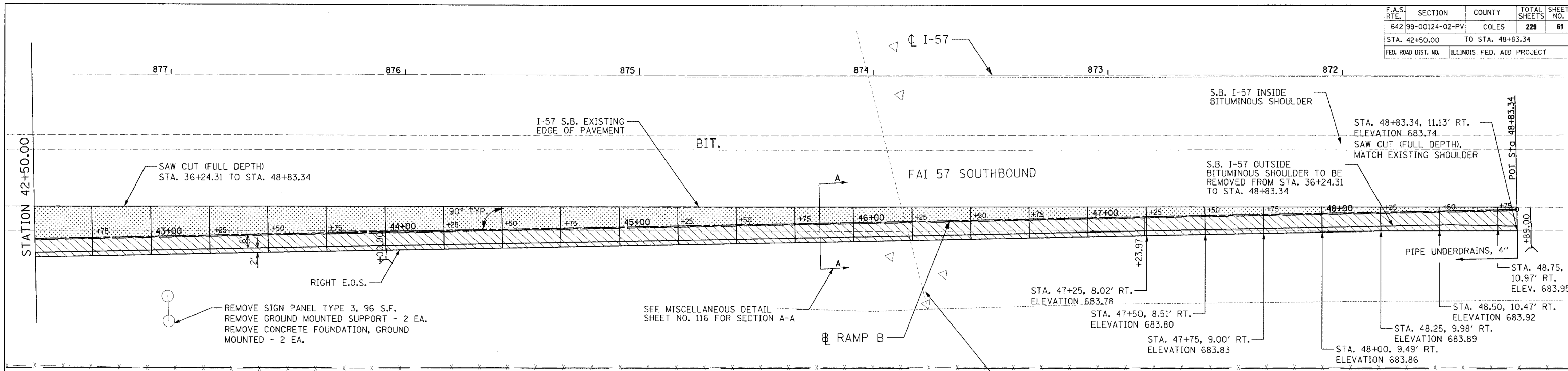
SCALE: 1"=20'
 DATE 07/13/2005
 DRAWN BY JLW
 CHECKED BY SKM



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LAYOUT: 07/13/2005
 DRAWN: JLW
 CHECKED: SKM
 FILE: I:\9710BS\97_s2028b\Civil\Sheet\c-502r.mpdgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	61
STA. 42+50.00 TO STA. 48+83.34		ILLINOIS FED. AID PROJECT		


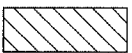


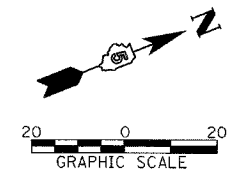
RAMP B					I-57 S.B. EXISTING E.O.P.	
STATION	RAMP B ELEVATION	OFFSET TO PROPOSED LEFT E.O.P.	LEFT E.O.P. ELEVATION	RIGHT E.O.S. ELEVATION	OFFSET FROM RAMP B	SURVEYED ELEVATION
42+75.00	683.23			682.91	13.17	683.63
43+00.00	683.28			682.96	12.67	683.64
43+25.00	683.32			683.00	12.17	683.68
43+50.00	683.37			683.05	11.67	683.73
43+75.00	683.42			683.10	11.17	683.78
44+00.00	683.47			683.15	10.67	683.82
44+25.00	683.52			683.20	10.17	683.89
44+50.00	683.57			683.25	9.66	683.98
44+75.00	683.61			683.29	9.16	684.02
45+00.00	683.66			683.34	8.66	684.02
45+25.00	683.71			683.39	8.16	684.07
45+50.00	683.76			683.44	7.66	684.14
45+75.00	683.81			683.49	7.16	684.19
46+00.00	683.85			683.53	6.66	684.21
46+25.00	683.90			683.58	6.16	684.25
46+50.00	683.95			683.63	5.66	684.32
46+75.00	684.00			683.68	5.16	684.37
47+00.00	684.05			683.73	4.66	684.39
47+25.00	684.10			683.78	4.16	684.43
47+50.00	684.14			683.80	3.66	684.49
47+75.00	684.19			683.83	3.16	684.49
48+00.00	684.24			683.86	2.66	684.45
48+25.00	684.29			683.89	2.16	684.44
48+50.00	684.34			683.92	1.66	684.45
48+75.00	684.39			683.95	1.16	684.43
48+83.34	684.40			683.74	1.00	684.42

NOTES: SEE STANDARD 420206 FOR JOINTING AND OTHER INFORMATION. EXTEND THE AGGREGATE BASE COURSE AND LIME MODIFIED SOILS 1.50' OUTSIDE THE RAMP BASELINE.

REMOVE EXISTING PIPE UNDERDRAIN, PIPE UNDERDRAIN, SPECIAL, AND END SECTIONS ALONG I-57 FROM STA. 36+24.31, RAMP B TO STA. 48+83.34, RAMP B AND REPLACE W/DRAINAGE ITEMS SHOWN ABOVE AND ON THE DRAINAGE SCHEDULES. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.

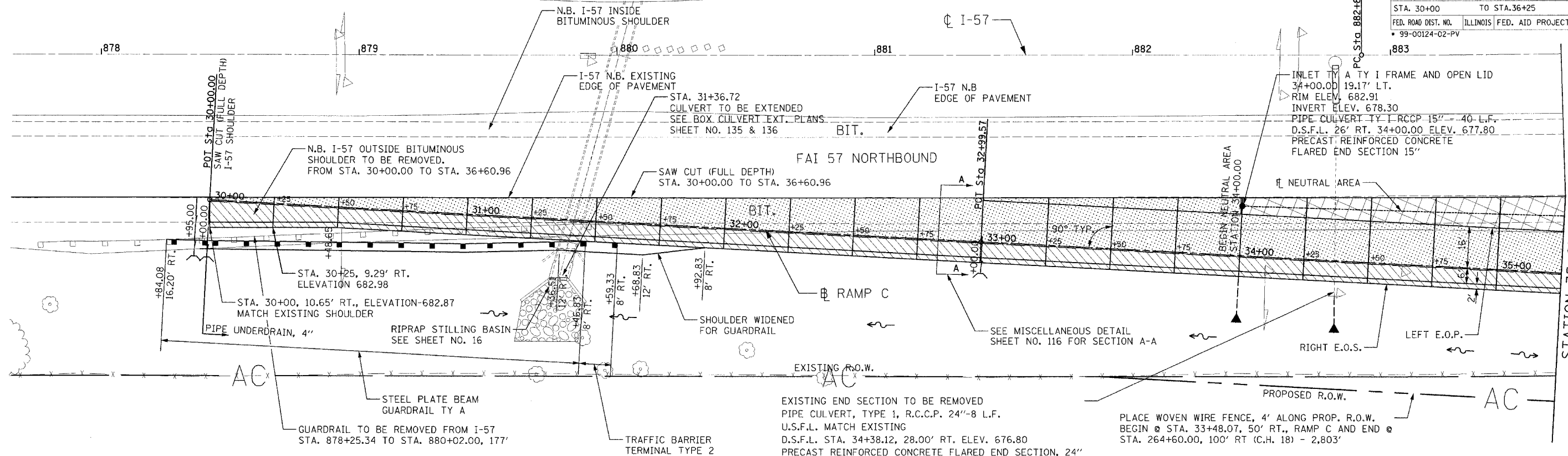
LEGEND

-  RAMP PAVEMENT
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"
-  PROPOSED RIGHT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2" (6' WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		RAMP B TERMINAL DETAIL FAI-57, FAS 642 SEC NO. 15-23K, 99-00124-02-PV COLES COUNTY, ILLINOIS
SCALE: 1"=20'		DRAWN BY JLW
DATE 07/13/2005		CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	229	62
STA. 30+00		TO STA. 36+25		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
99-00124-02-PV				



EXISTING END SECTION TO BE REMOVED
 PIPE CULVERT, TYPE 1, R.C.C.P. 24"-8 L.F.
 U.S.F.L. MATCH EXISTING
 D.S.F.L. STA. 34+38.12, 28.00' RT. ELEV. 676.80
 PRECAST REINFORCED CONCRETE FLARED END SECTION, 24"

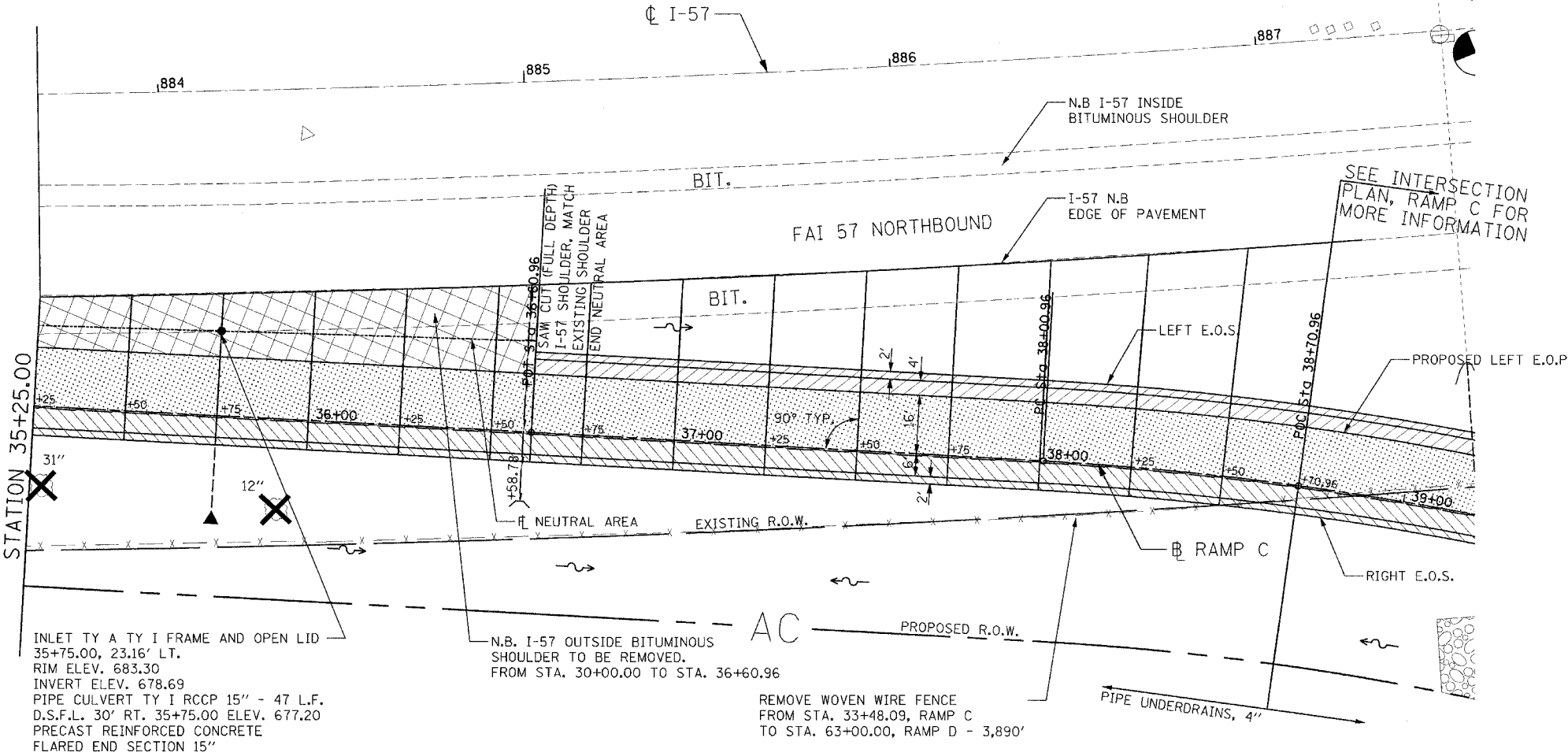
PLACE WOVEN WIRE FENCE, 4' ALONG PROP. R.O.W.
 BEGIN @ STA. 33+48.07, 50' RT., RAMP C AND END @
 STA. 264+60.00, 100' RT (C.H. 18) - 2,803'

NOTES: SEE RAMP PROFILE SHEET NO. 56, FOR PROFILE BEYOND STA. 38+70.96. SEE PROPOSED RAMP TYPICAL SECTIONS, SHEET NOS. 7 AND 8 FOR SUPERELEVATION TRANSITIONS BEYOND STA. 38+70.96. SEE STANDARD 420306 FOR JOINTING AND OTHER INFORMATION. EXTEND THE AGGREGATE BASE COURSE AND LIME MODIFIED SOILS 1.50' PAST THE RAMP BASELINE.

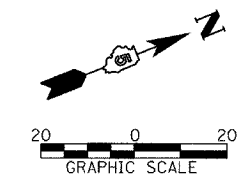
REMOVE EXISTING PIPE UNDERDRAIN, AND PIPE UNDERDRAIN, SPECIAL, AND END SECTIONS ALONG I-57 FROM STA. 30+00.00, RAMP C TO STA. 36+60.96, RAMP C AND REPLACE W/ DRAINAGE ITEMS SHOWN ABOVE AND IN DRAINAGE SCHEDULES. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.

LEGEND

- RAMP PAVEMENT
 CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 91/2" (JOINTED)
 AGGREGATE BASE COURSE, TYPE A 4"
 PROCESSING LIME MODIFIED SOILS 12"
- PROPOSED RIGHT SHOULDER
 CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS 91/2" (6" WIDE)
 AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)
- NEUTRAL AREA
 CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 91/2" (JOINTED)
 AGGREGATE BASE COURSE, TYPE A 4"
 PROCESSING LIME MODIFIED SOILS 12"
- PROPOSED LEFT SHOULDER
 CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS, 91/2" (4' WIDE)
 AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)
- TREE REMOVAL



REMOVE WOVEN WIRE FENCE
 FROM STA. 33+48.09, RAMP C
 TO STA. 63+00.00, RAMP D - 3,890'



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP C TERMINAL DETAIL
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=20'
 DATE 07/13/2005

DRAWN BY JLW
 CHECKED BY SKM



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DATE: 07/13/2005
 DRAWN BY: JLW
 CHECKED BY: SKM
 PROJECT: 99-00124-02-PV
 SHEET: 62 OF 229

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES		229	63
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATION	RAMP C				I-57 S.B. EXISTING E.O.P.		NEUTRAL AREA		
	RAMP C ELEVATION	OFFSET TO PROPOSED LT. E.O.P.	LEFT E.O.P. ELEVATION	RIGHT E.O. AGG. SHLDR. ELEVATION	LEFT E.O.S. ELEVATION	OFFSET FROM RAMP C	SURVEYED ELEV.	OFFSET FROM RAMP C	ELEVATION
30+00.00	683.45			682.87		1.02	683.46		
30+25.00	683.35			682.98		2.36	683.39		
30+50.00	683.24			682.92		3.69	683.30		
30+75.00	683.17			682.85		5.03	683.25		
31+00.00	683.14			682.82		6.36	683.24		
31+25.00	683.07			682.75		7.69	683.19		
31+50.00	682.98			682.66		9.03	683.12		
31+75.00	682.93			682.61		10.36	683.09		
32+00.00	682.89			682.57		11.69	683.07		
32+25.00	682.83			682.51		13.02	683.03		
32+50.00	682.76			682.44		14.36	682.98		
32+75.00	682.71			682.39		15.69	682.95		
32+99.57	682.70	16.00	682.94	682.38		17.00	682.94		
33+25.00	682.66	16.00	682.90	682.34		18.36	682.90		
33+50.00	682.62	16.00	682.86	682.30		19.69	682.86		
33+75.00	682.66	16.00	682.90	682.34		21.02	682.90		
34+00.00	682.72	16.00	682.96	682.40		22.36	682.96	19.17	682.91
34+25.00	682.82	16.00	683.06	682.50		23.69	683.06	19.74	683.00
34+50.00	682.94	16.00	683.18	682.62		25.03	683.18	20.31	683.11
34+75.00	683.04	16.00	683.28	682.72		26.43	683.28	20.88	683.20
35+00.00	683.14	16.00	683.38	682.82		27.94	683.38	21.45	683.28
35+25.00	683.19	16.00	683.43	682.87		29.57	683.43	22.02	683.32
35+50.00	683.20	16.00	683.44	682.88		31.30	683.44	22.59	683.31
35+75.00	683.21	16.00	683.45	682.89		33.14	683.45	23.16	683.30
36+00.00	683.26	16.00	683.50	682.94		35.09	683.50	23.72	683.33
36+25.00	683.31	16.00	683.55	682.99		37.15	683.55	24.29	683.36
36+50.00	683.32	16.00	683.56	683.00		39.31	683.56	24.86	683.34
36+60.96	683.32	16.00	683.56	683.00		40.30	683.56	25.11	683.33
36+75.00	683.31	16.00	683.60	682.99	683.45	41.59	683.60		
37+00.00	683.30	16.00	683.67	682.98	683.52	43.98	683.67		
37+25.00	683.26	16.00	683.72	682.94	683.58	46.47	683.72		
37+50.00	683.19	16.00	683.74	682.87	683.60	49.08	683.74		
37+75.00	683.15	16.00	683.78	682.83	683.65	51.79	683.78		
38+00.00	683.14	16.00	683.86	682.78	683.73	54.62	683.86		
38+25.00	683.13	16.00	683.93	682.73	683.80	58.11	683.93		
38+50.00	683.08	16.00	683.97	682.63	683.85	62.56	683.97		
38+70.96	683.05	16.00	684.01	682.57	683.89	67.04	684.01		



LAYOUT: EJP/SKM/03/28/03
 DRAWN: JLW 04/28/03
 REVISIONS: SKM 11/22/02
 07/13/2005
 R:07 J065 97 s20280c1w1s1eefc-503Armpadgn

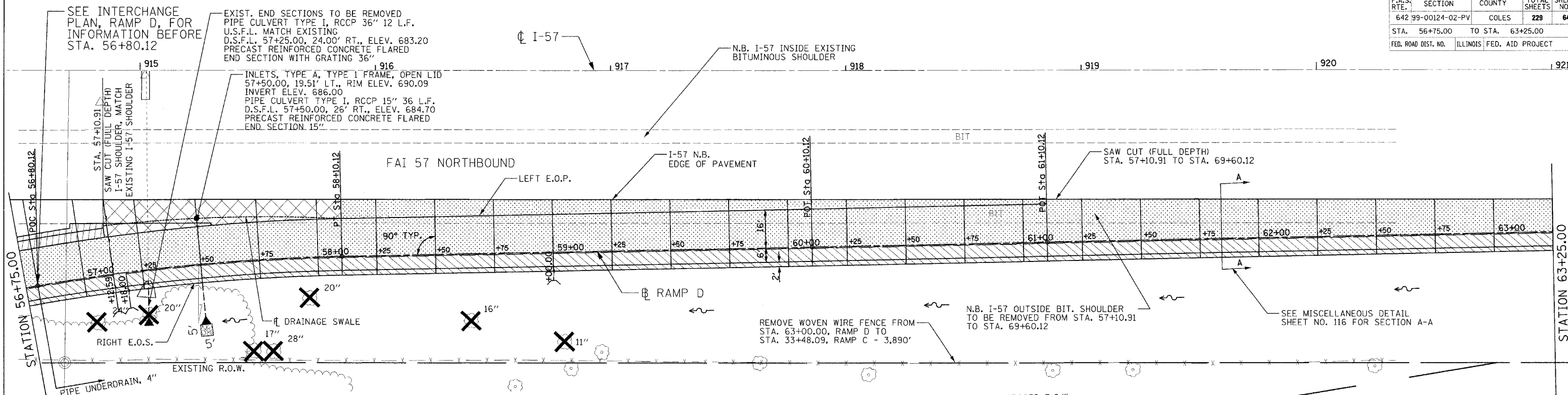
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RAMP C TERMINAL DETAIL
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
 DATE 07/13/2005

DRAWN BY JLW
 CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES	ILLINOIS	229	64
STA. 56+75.00		TO STA. 63+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STATION	RAMP D		I-57 N.B. EXISTING E.O.P.		DRAINAGE SWALE		ELEVATION
	RAMP D ELEVATION	OFFSET TO PROPOSED LEFT E.O.P.	LEFT E.O.P. ELEVATION	RIGHT E.O.S. ELEVATION	OFFSET FROM RAMP D	SURVEYED ELEVATION	
56+80.12	688.84	16.00	689.80	688.36	37.06	690.26	
57+00.00	688.95	16.00	689.91	688.47	33.69	690.30	
57+25.00	689.09	16.00	690.04	688.62	30.17	690.36	689.95
57+50.00	689.22	16.00	690.16	688.75	27.44	690.44	690.09
57+75.00	689.36	16.00	690.30	688.89	25.47	690.53	690.25
58+00.00	689.49	16.00	690.42	689.02	24.27	690.62	690.41
58+10.12	689.55	16.00	690.48	689.09	24.00	690.65	690.48
58+25.00	689.64	16.00	690.54	689.19	23.70	690.70	
58+50.00	689.80	16.00	690.65	689.37	23.20	690.80	
58+75.00	689.96	16.00	690.76	689.56	22.70	690.90	
59+00.00	690.10	16.00	690.85	689.72	22.20	690.98	
59+25.00	690.23	16.00	690.93	689.87	21.70	691.05	
59+50.00	690.40	16.00	691.04	690.07	21.20	691.15	
59+75.00	690.55	16.00	691.14	690.23	20.70	691.24	
60+00.00	690.66	16.00	691.20	690.34	20.20	691.29	
60+10.12	690.71	16.00	691.23	690.39	20.00	691.31	
60+25.00	690.78	16.00	691.28	690.46	19.70	691.35	
60+50.00	690.91	16.00	691.37	690.59	19.20	691.43	
60+75.00	691.04	16.00	691.46	690.72	18.70	691.51	
61+00.00	691.15	16.00	691.52	690.83	18.20	691.56	
61+10.12	691.18	16.00	691.54	690.86	18.00	691.58	
61+25.00	691.22			690.90	17.70	619.61	
61+50.00	691.29			690.97	17.20	691.67	
61+75.00	691.36			691.04	16.70	691.72	
62+00.00	691.41			691.09	16.20	691.76	
62+25.00	691.44			691.12	15.70	691.78	
62+50.00	691.46			691.14	15.20	691.78	
62+75.00	691.46			691.14	14.70	691.77	
63+00.00	691.50			691.18	14.20	691.79	
63+25.00	691.53			691.21	13.70	691.81	

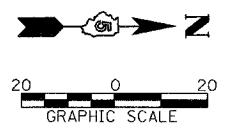
PLACE WOVEN WIRE FENCE, 4' ALONG PROP. R.O.W., BEGIN @ STA. 264+60.00, 94' LT (C.H. 18) AND END @ STA. 63+00.00, 55.38' RT (RAMP D) - 2,792'

LEGEND

- RAMP PAVEMENT
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"
- PROPOSED RIGHT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2" (6' WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)
- DRAINAGE SWALE
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"
- PROPOSED LEFT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS, 9 1/2" (4' WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)
- TREE REMOVAL
- STONE RIPRAP, CLASS A4

NOTES: SEE RAMP PROFILE SHEET NO. 57, FOR PROFILE BEFORE STA. 56+80.12. SEE PROPOSED RAMP TYPICAL SECTIONS, SHEET NOS. 7 - 9 FOR SUPERELEVATION TRANSITIONS BEFORE STA. 56+80.12 SEE STANDARD 420206 FOR JOINTING AND OTHER INFORMATION. EXTEND AGGREGATE BASE COURSE AND LIME MODIFIED SOILS 1.50' PAST THE RAMP BASELINE.

REMOVE EXISTING PIPE UNDERDRAIN, PIPE UNDERDRAIN, SPECIAL AND END SECTIONS ALONG I-57 FROM STA. 57+10.91, RAMP D TO STA. 69+60.12, RAMP D AND REPLACE W/DRAINAGE ITEMS SHOWN ABOVE AND IN DRAINAGE SCHEDULES. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RAMP D TERMINAL DETAIL
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

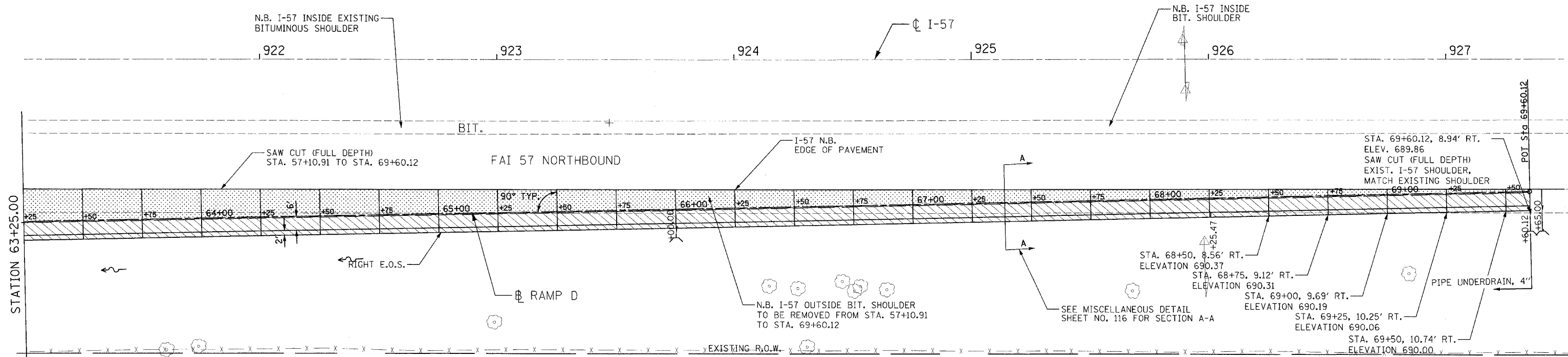
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DATE 07/13/2005

DRAWN BY JLW
CHECKED BY SKM



LAYOUT: DJP/SMM/07/28/05
 DRAWN: JLW/07/28/05
 REVIEWED: SKM/11/22/04
 07/13/2005
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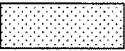
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES		229	65
STA. 63+25.00		TO STA. 69+60.12		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

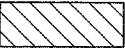


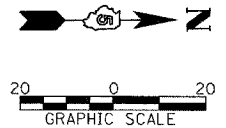
RAMP D				I-57 N.B. EXISTING E.O.P.		
STATION	RAMP D ELEVATION	OFFSET TO PROPOSED LEFT E.O.P.	LEFT E.O.P. ELEVATION	RIGHT E.O.S. ELEVATION	OFFSET FROM RAMP D	SURVEYED ELEVATION
63+50.00	691.54			691.22	13.20	691.81
63+75.00	691.55			691.23	12.70	691.81
64+00.00	691.57			691.25	12.20	691.81
64+25.00	691.57			691.25	11.70	691.80
64+50.00	691.53			691.21	11.20	691.75
64+75.00	691.49			691.17	10.70	691.70
65+00.00	691.47			691.15	10.20	691.66
65+25.00	691.44			691.12	9.70	691.62
65+50.00	691.36			691.04	9.20	691.53
65+75.00	691.27			690.95	8.70	691.43
66+00.00	691.21			690.89	8.20	691.36
66+25.00	691.16			690.84	7.70	691.30
66+50.00	619.16			690.84	7.20	691.29
66+75.00	691.16			690.84	6.70	691.28
67+00.00	691.07			690.75	6.20	691.18
67+25.00	690.97			690.65	5.70	691.07
67+50.00	690.95			690.63	5.20	691.04
67+75.00	690.93			690.61	4.70	691.01
68+00.00	690.83			690.51	4.20	690.90
68+25.00	690.74			690.42	3.70	690.80
68+50.00	690.71			690.37	3.20	690.76
68+75.00	690.67			690.31	2.70	690.71
69+00.00	690.58			690.19	2.20	690.61
69+25.00	690.47			690.06	1.70	690.50
69+50.00	690.43			690.00	1.20	690.45
69+60.12	690.41			689.86	1.00	690.43

NOTES: SEE STANDARD 420206 FOR JOINTING AND OTHER INFORMATION. EXTEND THE AGGREGATE BASE COURSE AND LIME MODIFIED SOILS 1.50' OUTSIDE THE RAMP BASELINE

REMOVE EXISTING PIPE UNDERDRAIN, PIPE UNDERDRAIN, SPECIAL AND END SECTIONS ALONG I-57 FROM STA. 57+10.91, RAMP D TO STA. 69+60.12, RAMP D AND REPLACE W/DRAINAGE ITEMS SHOWN ABOVE AND IN DRAINAGE SCHEDULES. THE COST OF REMOVALS SHALL BE INCLUDED IN EARTH EXCAVATION.

 RAMP PAVEMENT
CONSISTS OF : PORTLAND CEMENT CONCRETE PAVEMENT 91/2" (JOINTED)
AGGREGATE BASE COURSE, TYPE A 4"
PROCESSING LIME MODIFIED SOILS 12"

 PROPOSED RIGHT SHOULDER
CONSISTS OF : PORTLAND CEMENT CONCRETE SHOULDERS 91/2" (6' WIDE)
AGGREGATE SHOULDERS, TYPE B 6" (2' WIDE)

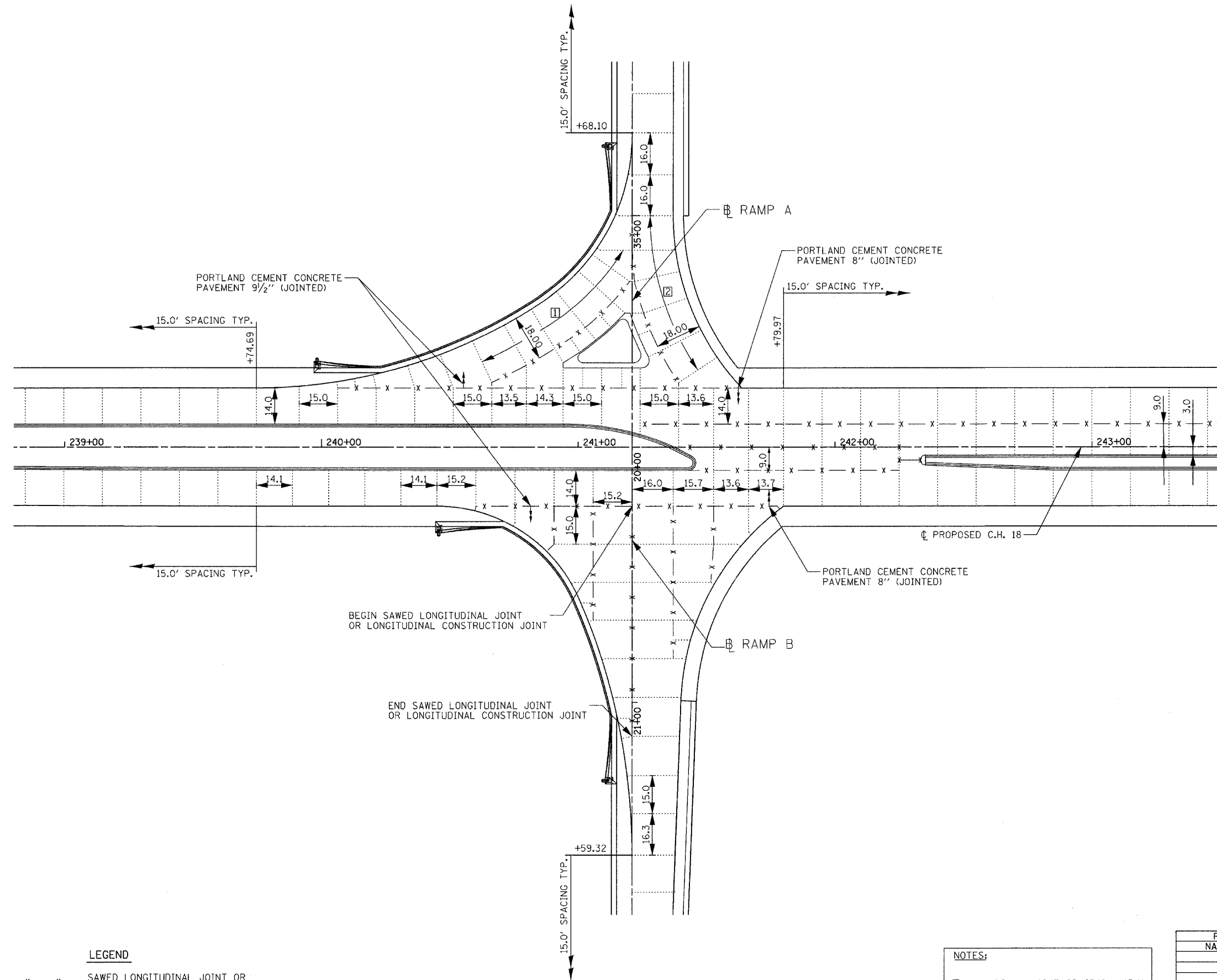


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP D TERMINAL DETAIL
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=20'
DATE 07/13/2005
DRAWN BY JLW
CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	66
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



JOINTING DETAIL

LEGEND

- x - x - SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT

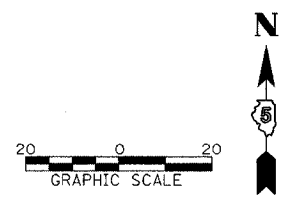
..... TRANSVERSE SAWED CONTRACTION JOINT

NOTES:

① MAXIMUM JOINT SPACING = 15.1'
MINIMUM JOINT SPACING = 8.5'

② MAXIMUM JOINT SPACING = 16.3'
MINIMUM JOINT SPACING = 8.8'

REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION

JOINTING DETAIL

RAMP A & B WITH C.H. 18

FAI-57, FAS 642

SEC NO. 15-23K, 99-00124-02-PV

COLES COUNTY, ILLINOIS

SCALE: 1"=20'

DATE 07/13/2005

DRAWN BY JLW

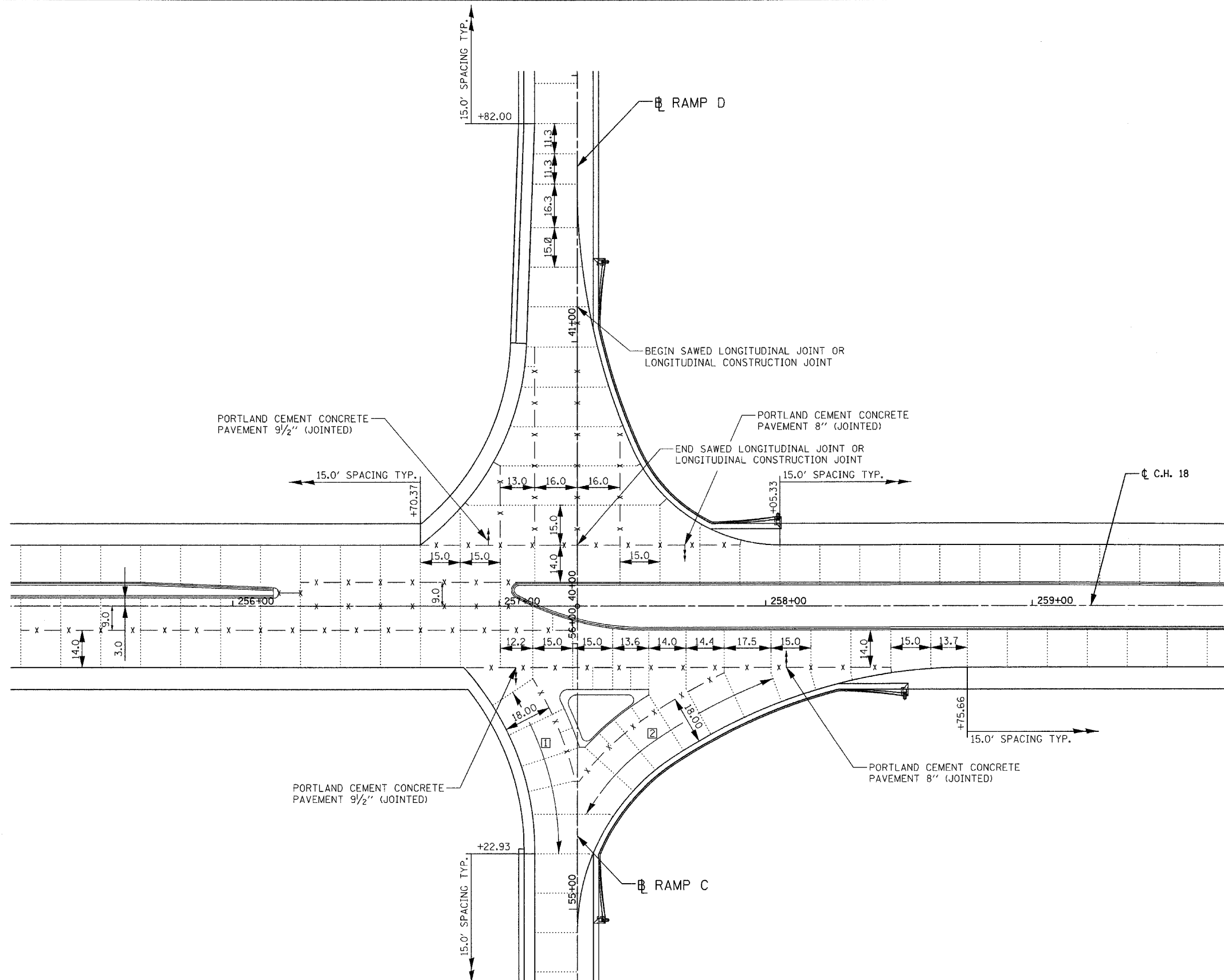
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LAYOUT JLW/SKM 03/28/03
 DRAWN JLW 04/28/03
 REVIEWED SKM 07/11/05
 07/13/2005
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



LEGEND

- x - x - SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT

..... TRANSVERSE SAWED CONTRACTION JOINT

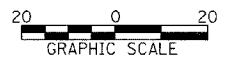
JOINTING DETAIL

NOTES:

□ MAXIMUM JOINT SPACING = 15.6'
MINIMUM JOINT SPACING = 8.6'

▣ MAXIMUM JOINT SPACING = 16.0'
MINIMUM JOINT SPACING = 11.5'

REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
JOINTING DETAIL
 RAMPS C & D WITH C.H. 18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=20'
 DATE 07/13/2005

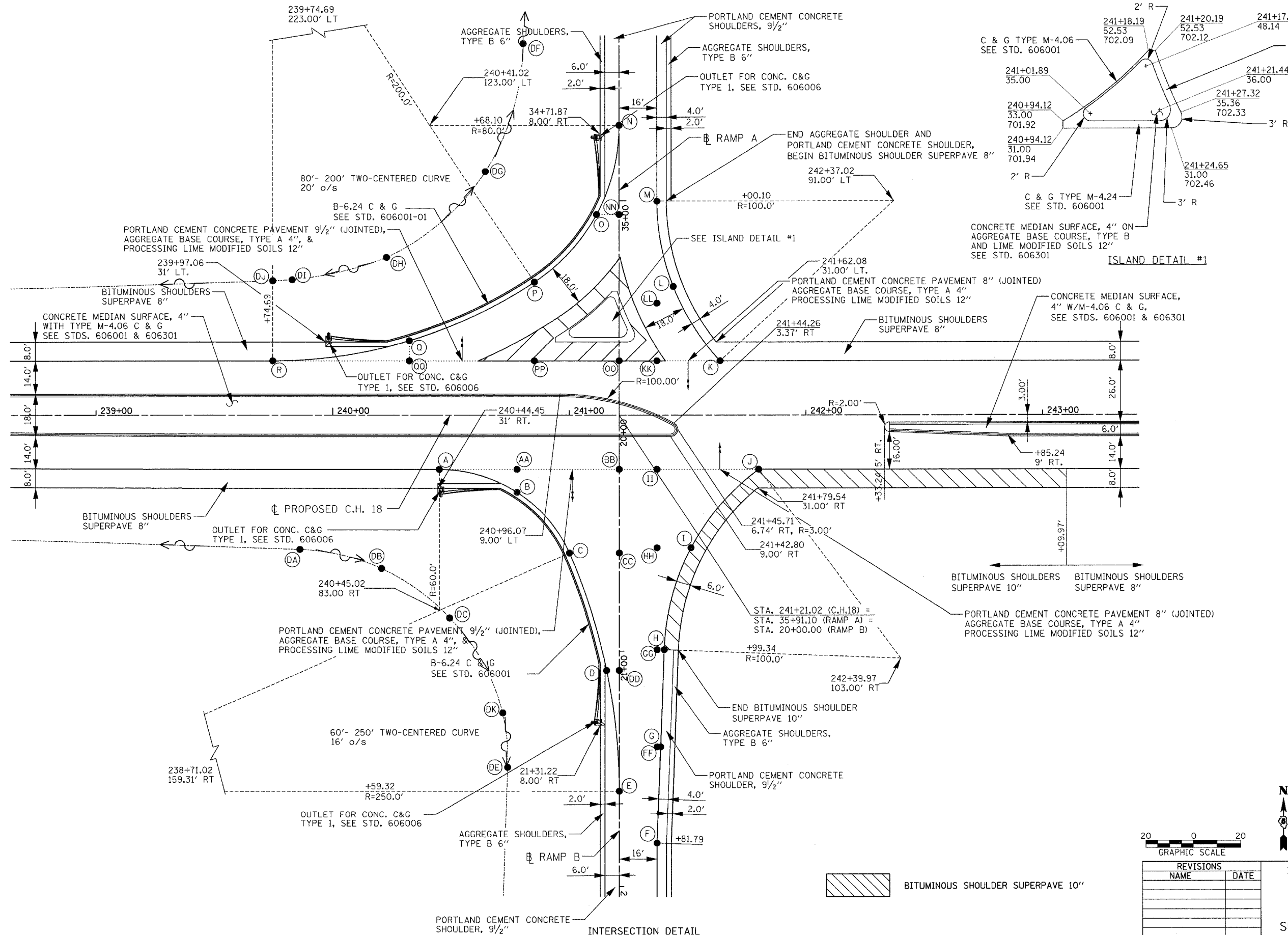
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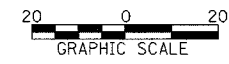
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 DRAWN JLW 04/28/03
 REVIEWED SKM 07/11/05
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	68
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



RAMPS A & B			
* STATION	OFFSET	ELEVATION	
A	240+45.02	23.00	701.10
B	240+77.84	32.70	701.45
C	240+99.97	58.90	701.80
D	241+15.70	108.02	701.25
E	241+21.02	159.31	700.53
F	241+37.02	181.79	699.95
G	241+38.53	140.57	700.54
H	241+40.03	99.34	701.13
I	241+51.36	56.65	701.69
J	241+79.97	23.00	703.75
K	241+63.70	23.00	703.43
L	241+47.02	54.48	701.97
M	241+37.02	90.85	701.32
N	241+21.02	123.00	701.08
O	241+11.51	85.17	701.27
P	240+85.25	56.33	701.45
Q	240+32.42	31.51	700.69
R	239+74.69	23.00	699.86
AA	240+77.84	23.00	701.72
BB	241+21.02	23.00	702.58
CC	241+21.02	58.90	702.04
DD	241+21.02	108.02	701.30
FF	241+37.02	140.57	700.57
GG	241+37.02	99.34	701.19
HH	241+37.02	56.65	701.83
II	241+37.02	23.00	702.90
KK	241+37.02	23.00	702.34
LL	241+37.02	47.41	701.97
NN	241+21.02	85.17	701.56
OO	241+21.02	23.00	702.58
PP	240+85.24	23.00	701.86
QQ	240+32.42	23.00	700.86
DA	239+86.06	57.30	693.50
DB	240+20.55	65.42	692.74
DC	240+49.31	86.10	692.00
DK	240+71.78	125.97	691.62
DE	240+73.85	149.13	690.80
DF	240+80.54	156.93	692.47
DG	240+64.57	103.61	693.33
DH	240+22.78	66.84	693.54
DI	239+82.91	57.32	693.41
DJ	239+74.73	56.90	693.31

*ALL STATIONS AND OFFSETS IN TABLE ARE REFERENCED TO COUNTY HIGHWAY 18



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAIL
RAMPS A & B WITH C.H. 18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

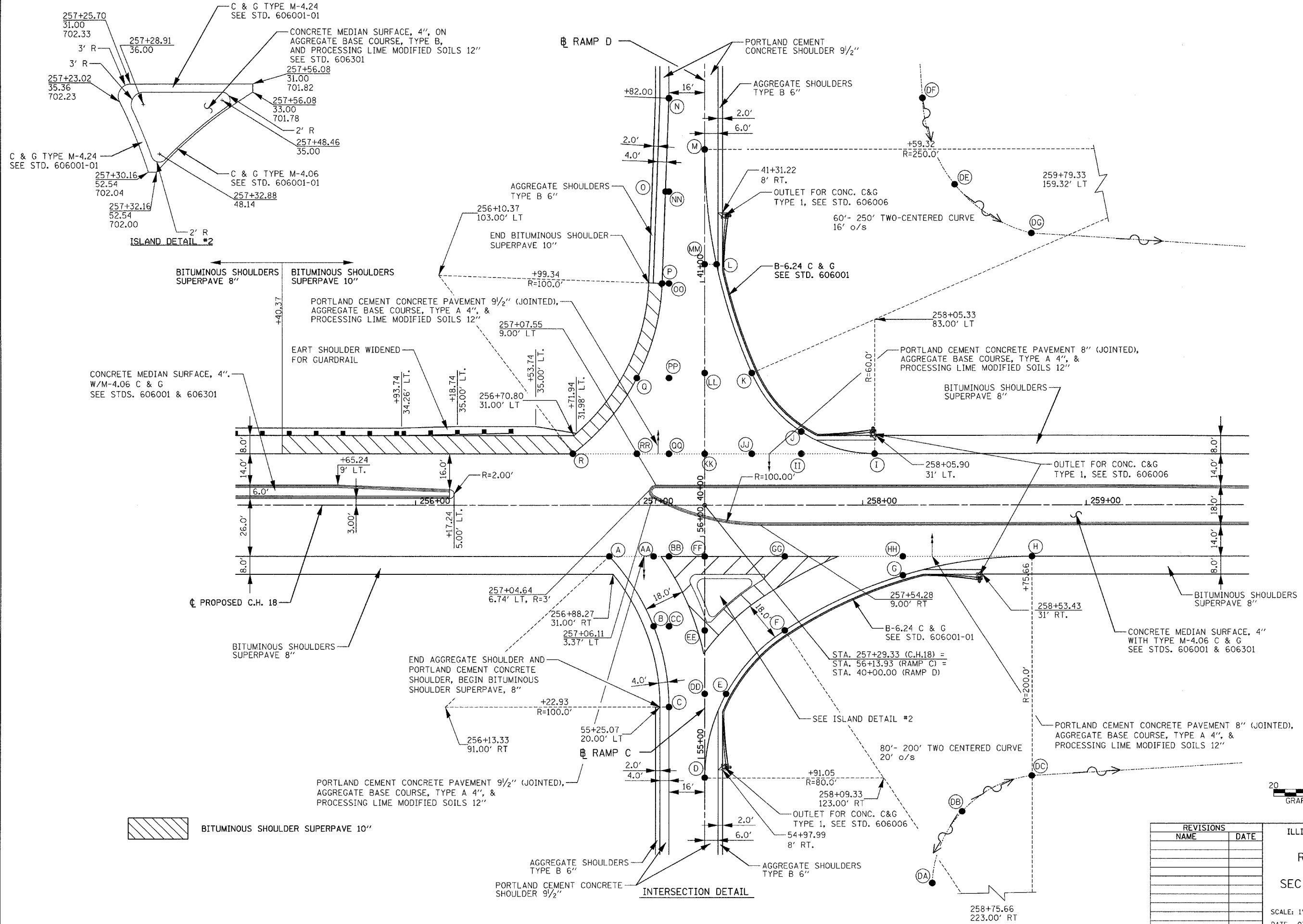
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LAYOUT: JLV/SKM 03/29/03
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 REVIEWED: SKM 07/13/05
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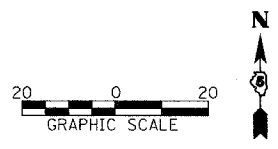
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	69
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



RAMPS C & D			
* STATION	OFFSET	ELEVATION	
A	256+86.65	23.00	703.36
B	257+06.42	54.48	701.73
C	257+13.33	91.00	701.25
D	257+29.33	122.89	701.01
E	257+39.87	85.12	701.54
F	257+65.11	56.33	701.15
G	258+17.93	31.51	700.56
H	258+75.66	23.00	699.58
I	258+05.33	23.00	700.99
J	257+72.51	32.77	701.45
K	257+50.38	58.90	701.75
L	257+34.65	108.02	701.08
M	257+29.33	159.32	700.46
N	257+13.33	182.00	699.84
O	257+11.82	140.67	700.44
P	257+10.31	99.34	701.04
Q	256+98.98	56.65	701.61
R	256+70.37	23.00	703.69
AA	257+06.42	23.00	702.97
BB	257+13.33	23.00	702.83
CC	257+13.33	54.48	701.79
DD	257+29.33	85.12	701.58
EE	257+29.33	56.33	702.01
FF	257+29.33	23.00	702.51
GG	257+65.11	23.00	701.79
HH	258+17.93	23.00	700.73
II	257+72.51	23.00	701.64
JJ	257+50.38	23.00	702.09
KK	257+29.33	23.00	702.51
LL	257+29.33	58.90	701.97
MM	257+29.33	108.02	701.23
NN	257+13.33	140.67	700.47
OO	257+13.33	99.34	701.10
PP	257+13.33	56.65	701.75
QQ	257+13.33	23.00	702.83
RR	256+98.98	23.00	703.11
DA	258+31.03	170.68	676.80
DB	258+44.34	138.13	677.00
DC	258+75.53	121.90	676.79
DG	258+75.42	121.92	676.80
DE	258+41.06	143.83	677.00
DF	258+26.69	181.96	677.71

*ALL STATIONS AND OFFSETS IN TABLE ARE REFERENCED TO COUNTY HIGHWAY 18



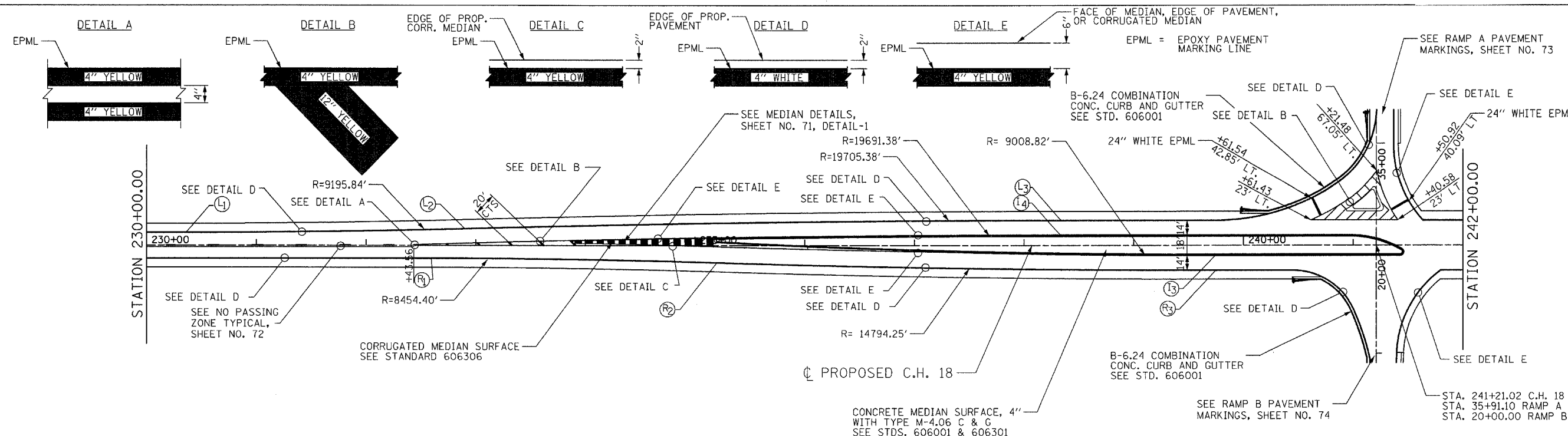
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAIL
 RAMPS C & D WITH C.H. 18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: 1"=20'
 DATE: 07/13/2005
 DRAWN BY: JLW
 CHECKED BY: SKM



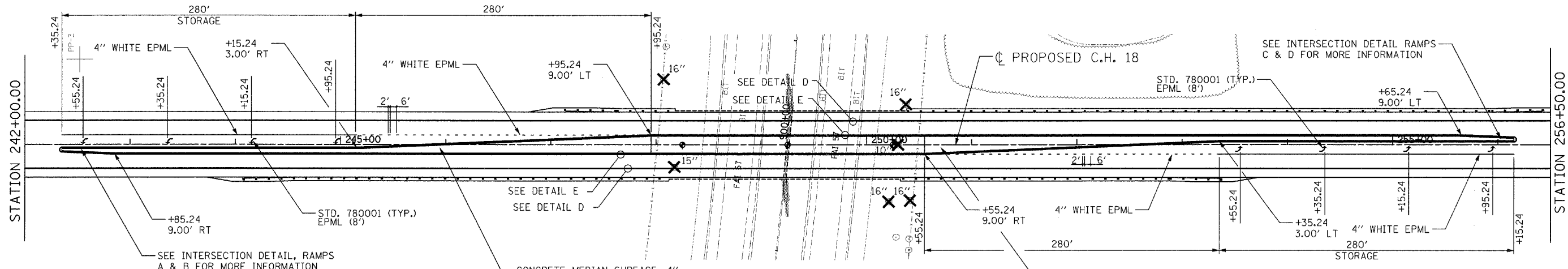
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 07/13/2005

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	70
STA. 230+00.00		TO STA. 268+50.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



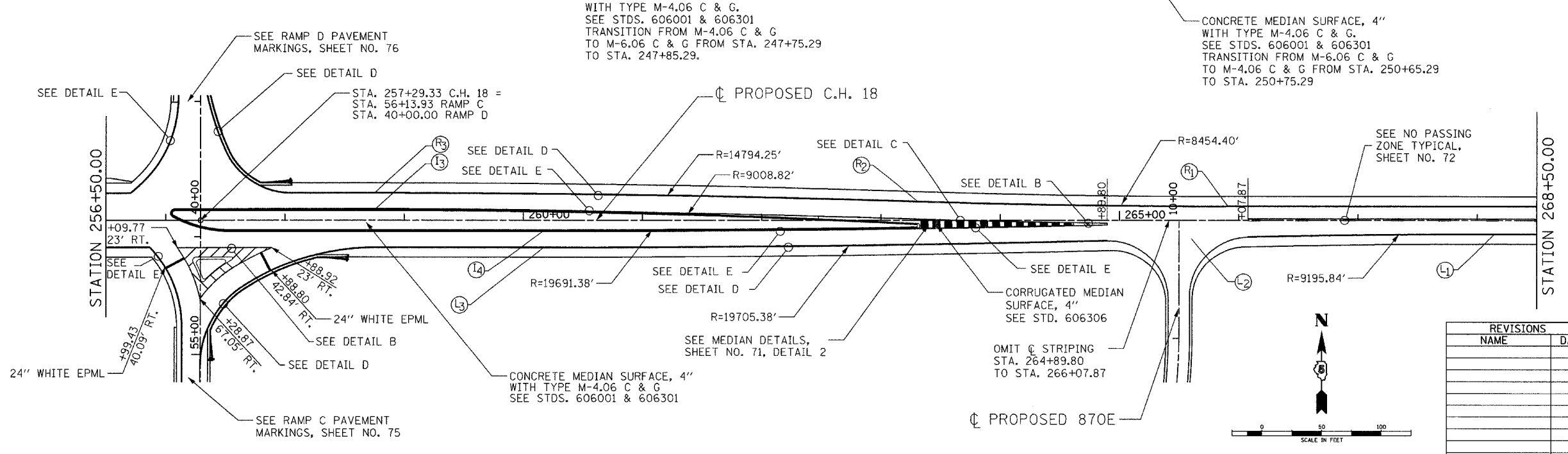
STATIONS AND OFFSETS FOR CHANNELIZATION

L1	230+36.21	12.00'	LT.
L2	232+89.90	15.50'	LT.
L3	238+33.52	23.00'	LT.
R1	232+59.61	12.00'	RT.
R2	235+19.64	16.00'	RT.
R3	239+74.69	23.00'	RT.
I3	239+74.69	9.00'	RT.
I4	238+33.52	9.00'	LT.



STATIONS AND OFFSETS FOR CHANNELIZATION

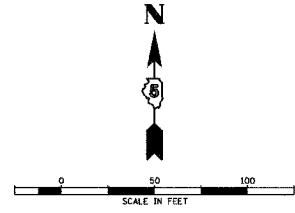
L1	268+14.15	12.00'	RT.
L2	265+60.46	15.50'	RT.
L3	260+16.84	23.00'	RT.
R1	265+90.75	12.00'	LT.
R2	263+30.72	16.00'	LT.
R3	258+75.67	23.00'	LT.
I3	258+75.67	9.00'	LT.
I4	260+16.84	9.00'	RT.



NOTE: ALL STATIONING OFF OF PROPOSED C.H. 18.
 X TREE REMOVAL

REVISIONS	
NAME	DATE

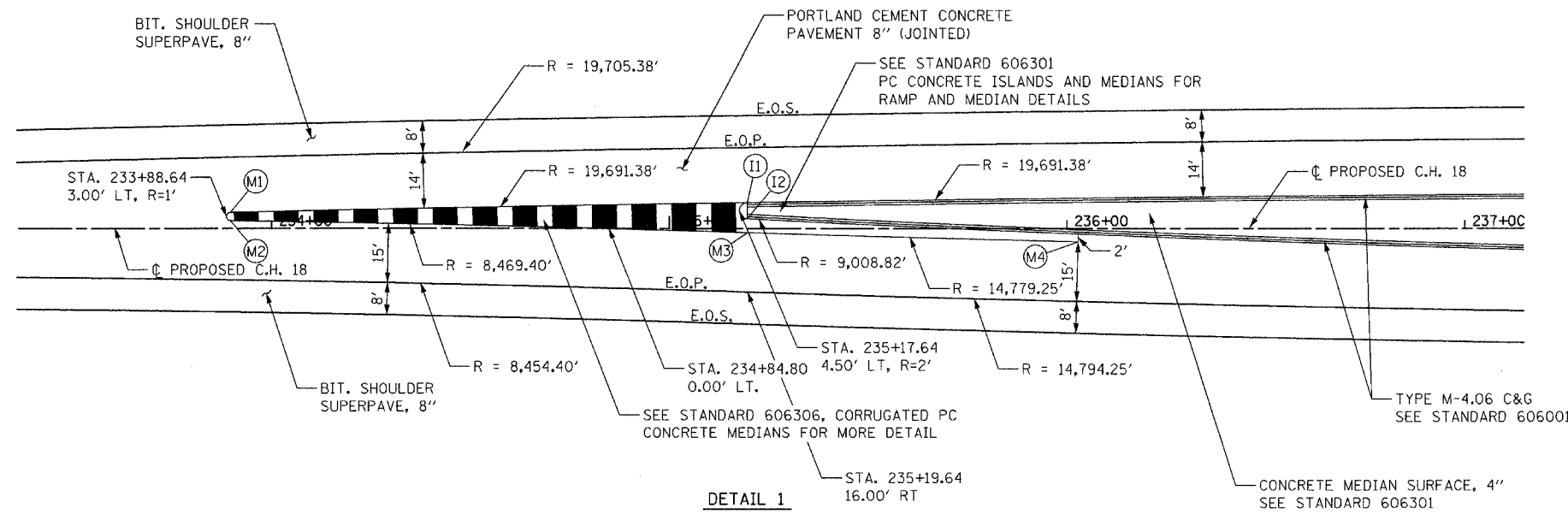
ILLINOIS DEPARTMENT OF TRANSPORTATION
 MEDIAN DETAILS & PAVEMENT MARKINGS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: 1"=50'
 DATE: 07/13/2005
 DRAWN BY: DJP
 CHECKED BY: SKM



07/13/2005 SKM 04/28/03
 DRAWN DJP 06/12/03
 REVISED SKM 01/11/05

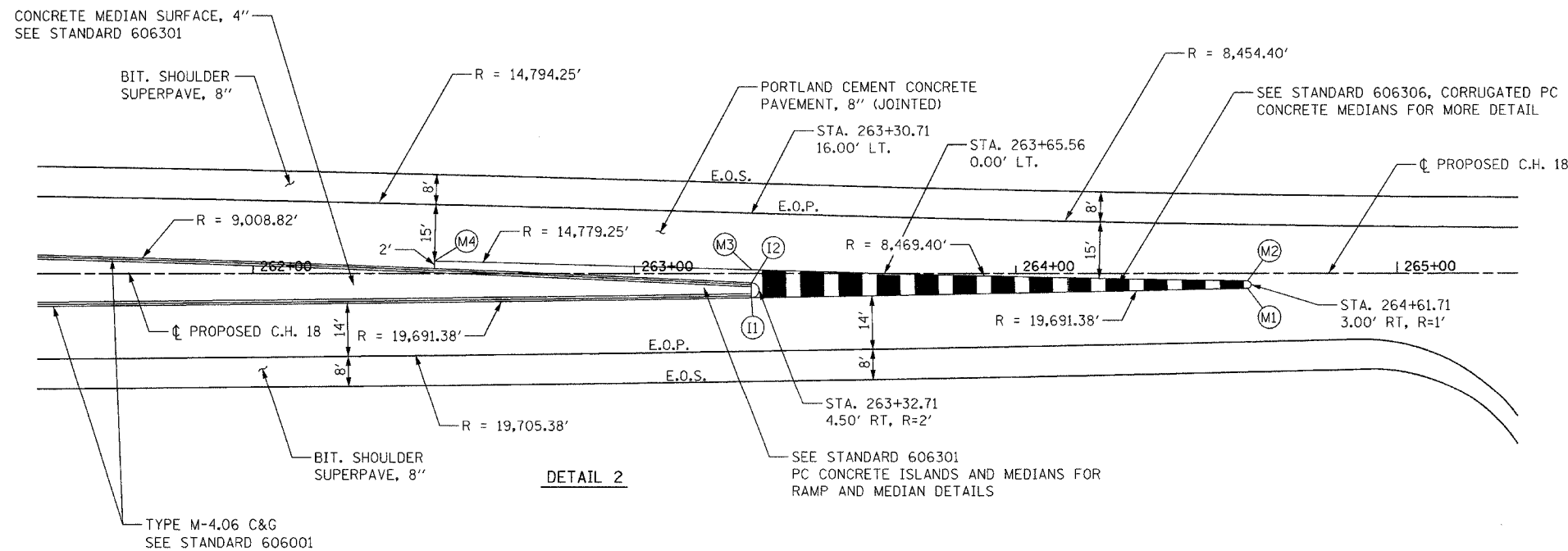
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



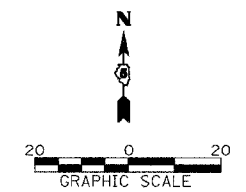
STATIONS AND OFFSETS FOR CHANNELIZATION

M ₁	233+89.64	4.00'	LT.
M ₂	233+89.64	2.00'	LT.
M ₃	235+19.64	1.00'	RT.
M ₄	236+02.79	3.32'	RT.
I ₁	235+19.64	6.50'	LT.
I ₂	235+19.64	2.50'	LT.



STATIONS AND OFFSETS FOR CHANNELIZATION

M ₁	264+60.71	4.00'	RT.
M ₂	264+60.71	2.00'	RT.
M ₃	263+30.71	1.00'	LT.
M ₄	262+47.56	3.32'	RT.
I ₁	263+30.71	6.50'	RT.
I ₂	263+30.71	2.50'	RT.



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MEDIAN DETAILS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=20'
 DATE: 07/13/2005

DRAWN BY: DJP
 CHECKED BY: SKM

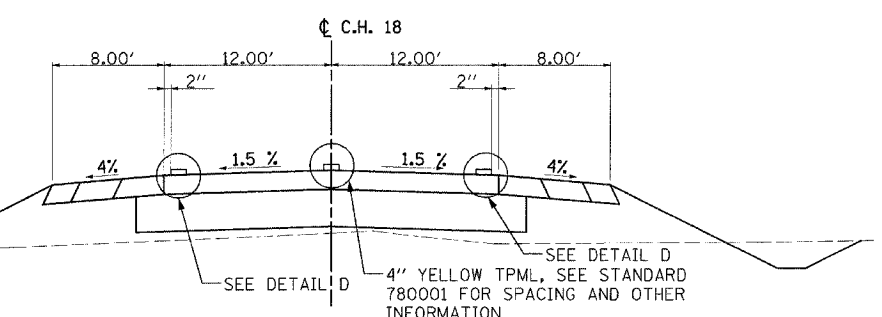
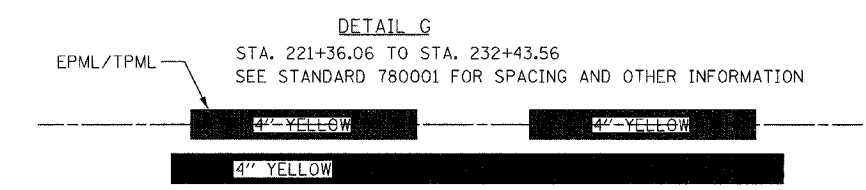
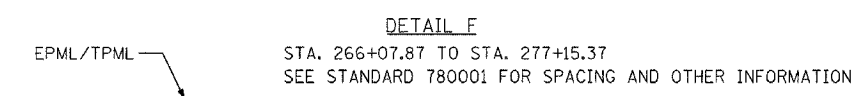
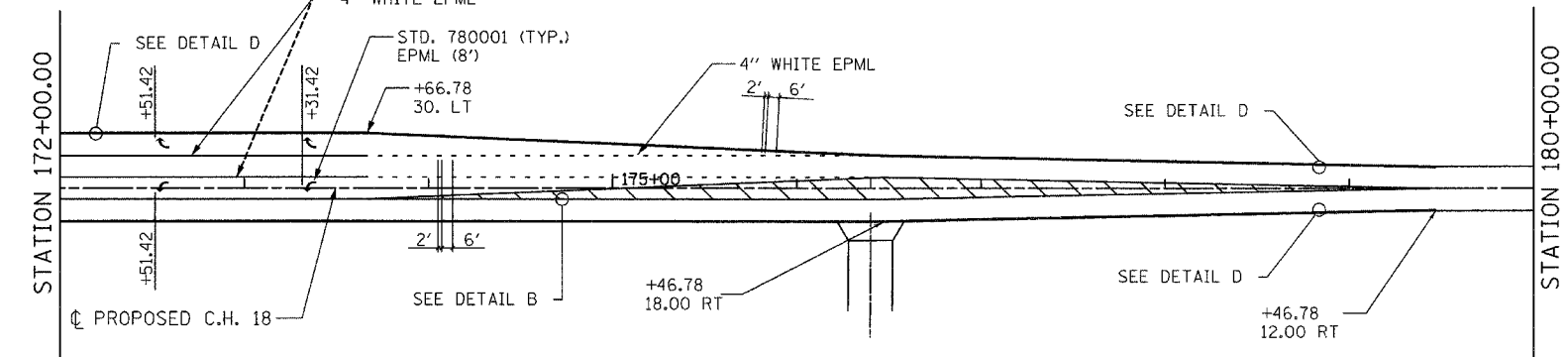
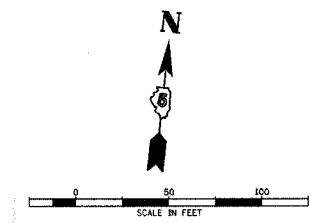
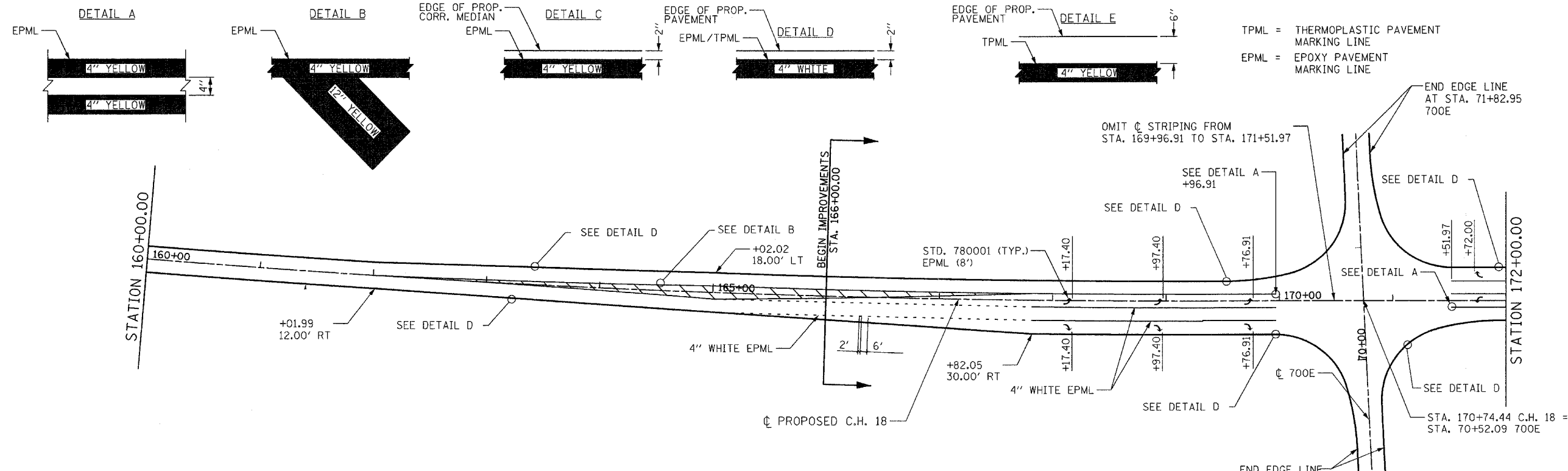
LAYOUT	KM	04/28/03
DRAWN	DJP	08/12/03
REVIEWED	SKM	7/03



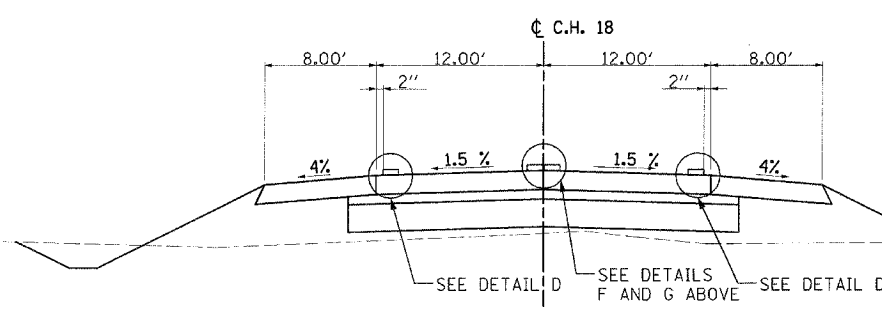
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07/13/2005
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



COUNTY HIGHWAY 18
STA. 179+46.78 TO STA. 221+36.06
STA. 277+15.37 TO STA. 278+00.00



COUNTY HIGHWAY 18 NO PASSING ZONES
STA. 221+36.06 TO STA. 232+43.56
STA. 266+07.87 TO STA. 277+15.37

INTERSECTION OMISSIONS (EOP MARKINGS ONLY)
STA. 210+88.67 TO STA. 212+10.69 (780E)

INTERSECTION OMISSIONS (EOP MARKINGS ONLY)
STA. 223+89.22 TO STA. 225+07.23 (800E)
STA. 275+59.33 TO STA. 276+79.33 (900E)

NOTES: CONTINUE THE PAVEMENT EDGE STRIPE TO THE FURTHEST RADIUS RETURNS OF THE CROSSROADS.
CONTINUE THE CENTERLINE STRIPING THROUGH THE 780E, 800E, AND 900E INTERSECTIONS.
USE EPML ON PCC PAVEMENT.
USE TPML ON BITUMINOUS PAVEMENT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

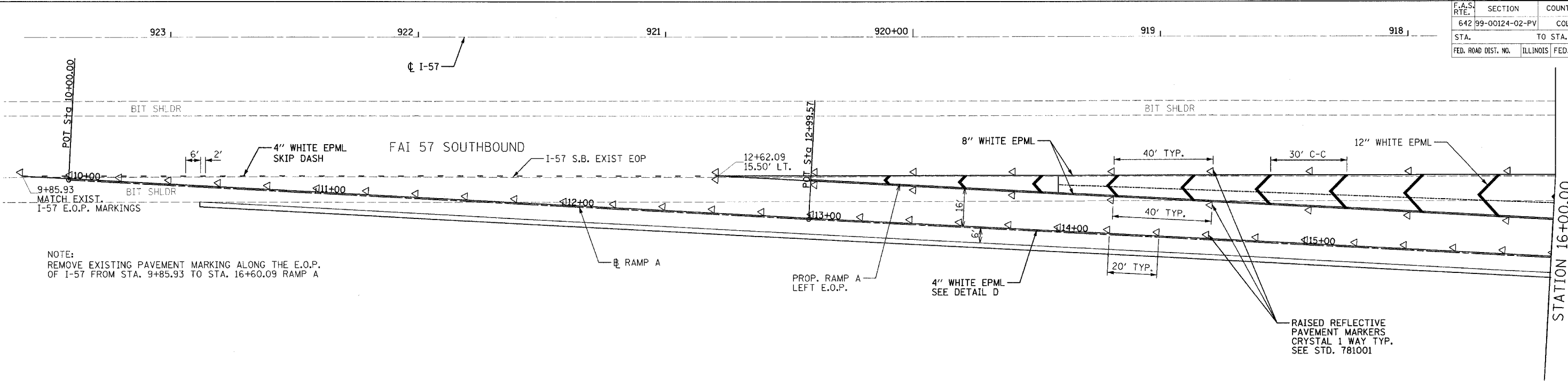
PAVEMENT MARKINGS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=50'
DATE 07/13/2005
DRAWN BY JLW
CHECKED BY SKM

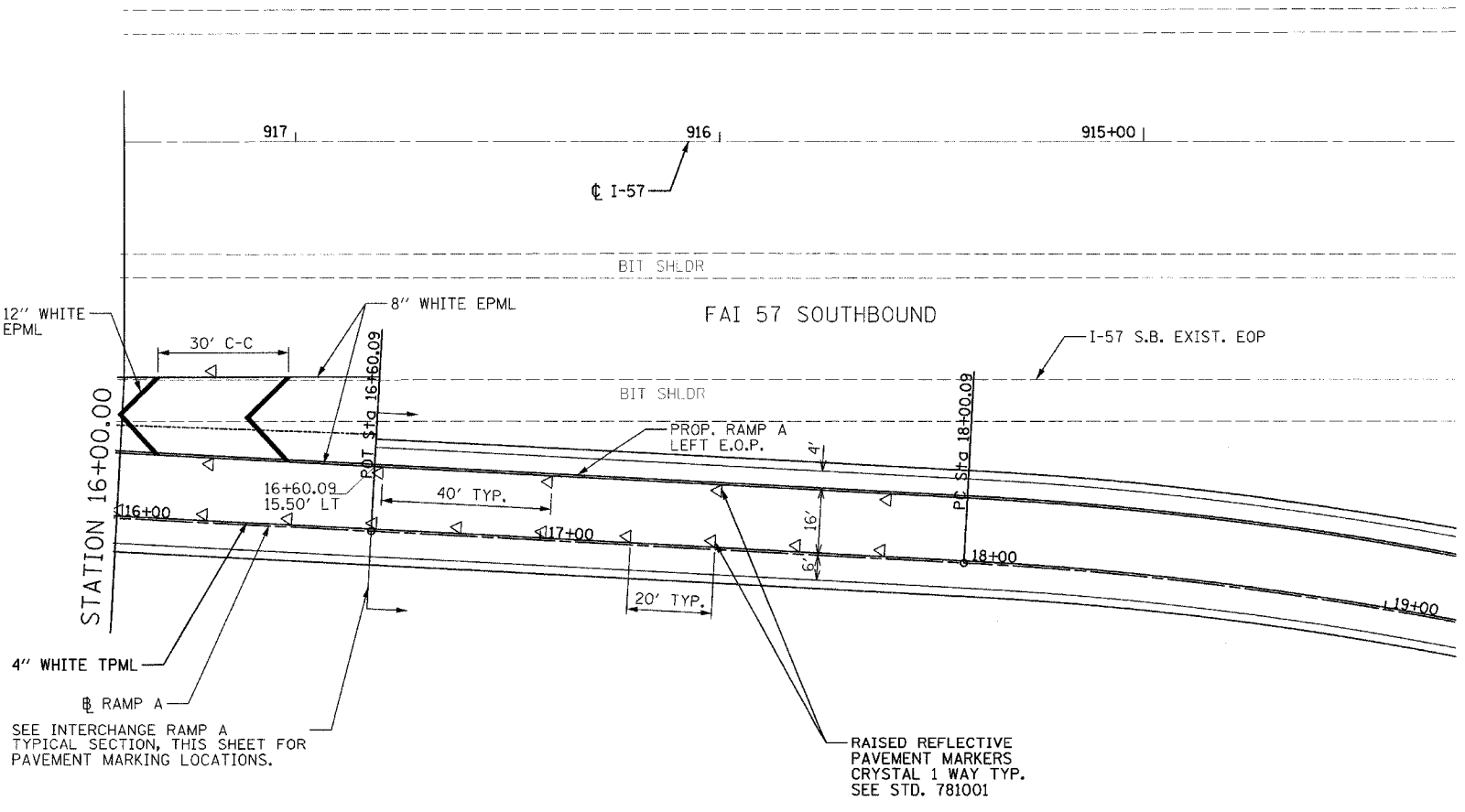


07/13/2005
 SAM 10/25/03
 DWP 04/28/03
 IN ST. 0055 ST. 820280VMS/MS/MS-502PVT.dgn
 REVIEWED SAM 10/11/05

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	73
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

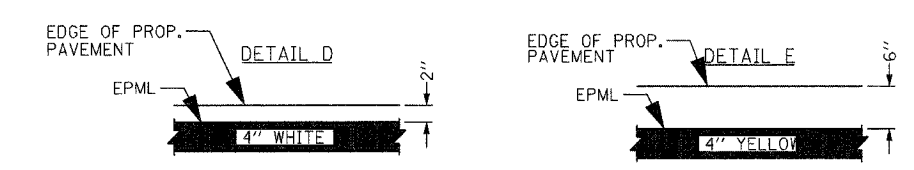


NOTE:
REMOVE EXISTING PAVEMENT MARKING ALONG THE E.O.P. OF I-57 FROM STA. 9+85.93 TO STA. 16+60.09 RAMP A

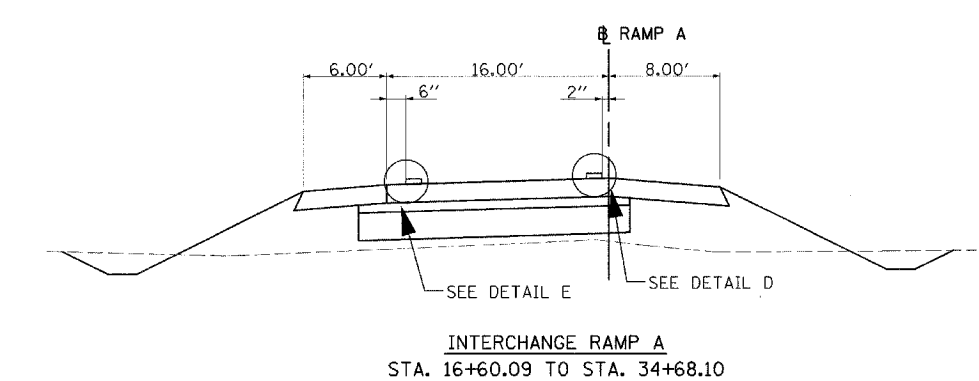


SEE INTERCHANGE RAMP A TYPICAL SECTION, THIS SHEET FOR PAVEMENT MARKING LOCATIONS.

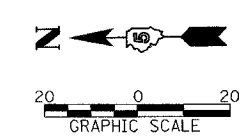
RAISED REFLECTIVE PAVEMENT MARKERS CRYSTAL 1 WAY TYP. SEE STD. 781001



EPML = EPOXY PAVEMENT MARKING LINE



INTERCHANGE RAMP A
STA. 16+60.09 TO STA. 34+68.10



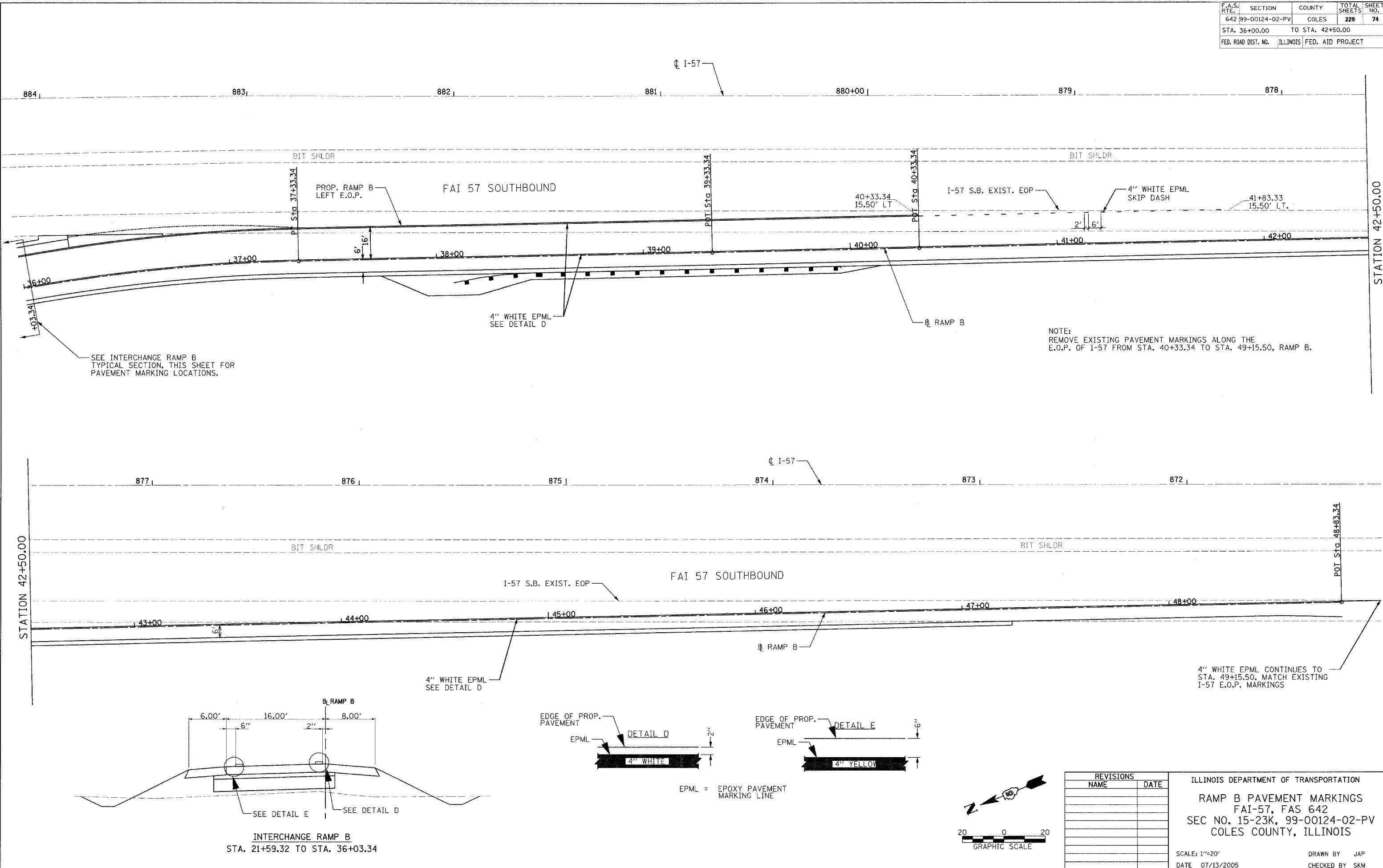
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LAYOUT SKM 03/29/05
 DRAWN JAP 04/29/05
 REVIEWED SKM 07/15/04
 07/13/2005
 97 JOBS 97 202880 C:\N\S\ref\c-503\PT\Adgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RAMP A PAVEMENT MARKINGS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: 1"=20'
 DATE 07/13/2005
 DRAWN BY JAP
 CHECKED BY SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	74
STA. 36+00.00		TO STA. 42+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

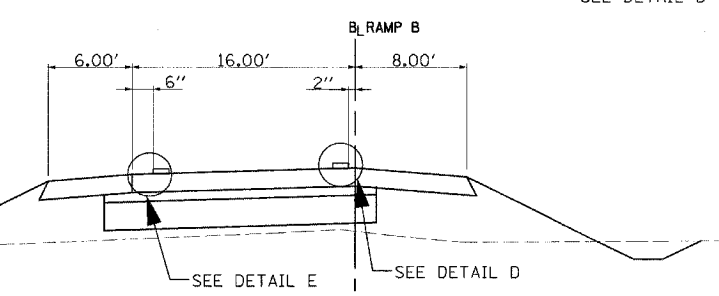


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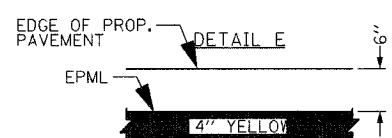
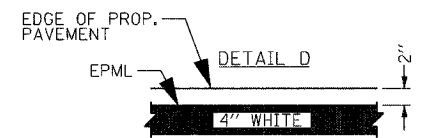
LAYOUT SKM 03/28/03
 DRAWN JAP 04/28/03
 DESIGNED SKM 01/15/04
 07/13/2005
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SEE INTERCHANGE RAMP B TYPICAL SECTION, THIS SHEET FOR PAVEMENT MARKING LOCATIONS.

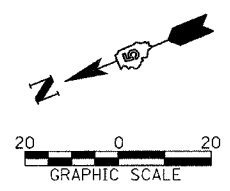
NOTE: REMOVE EXISTING PAVEMENT MARKINGS ALONG THE E.O.P. OF I-57 FROM STA. 40+33.34 TO STA. 49+15.50, RAMP B.



INTERCHANGE RAMP B
 STA. 21+59.32 TO STA. 36+03.34



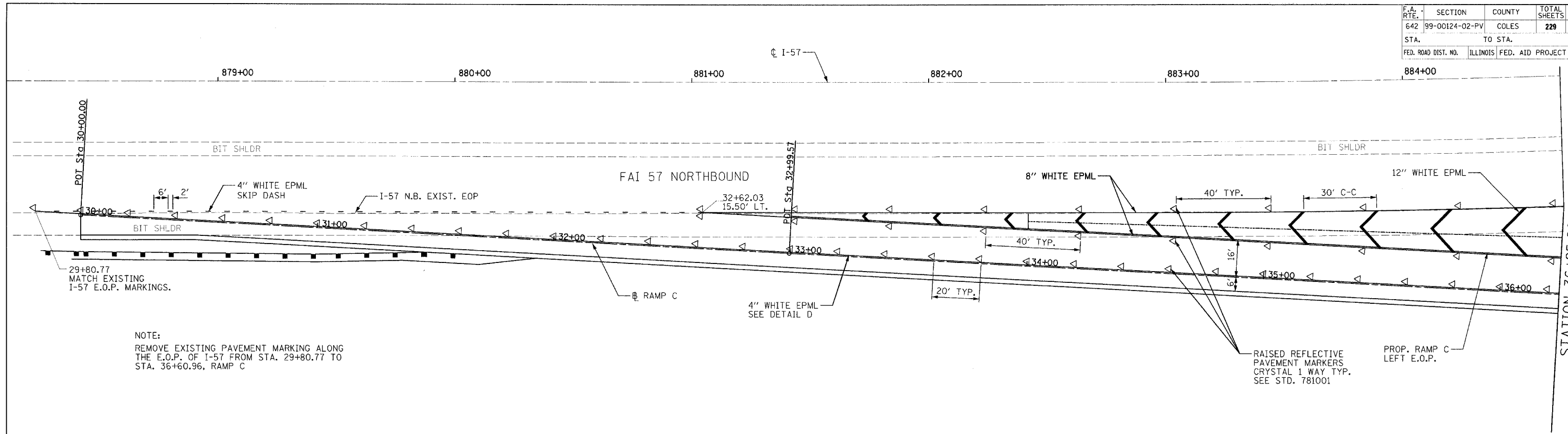
EPML = EPOXY PAVEMENT MARKING LINE



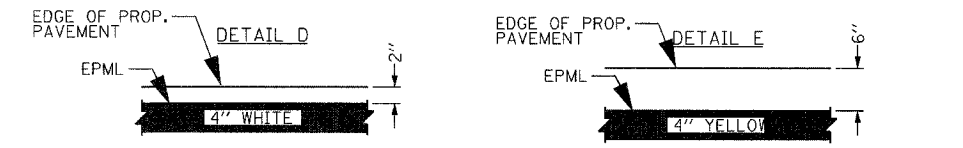
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RAMP B PAVEMENT MARKINGS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: 1"=20'
 DATE 07/13/2005
 DRAWN BY JAP
 CHECKED BY SKM

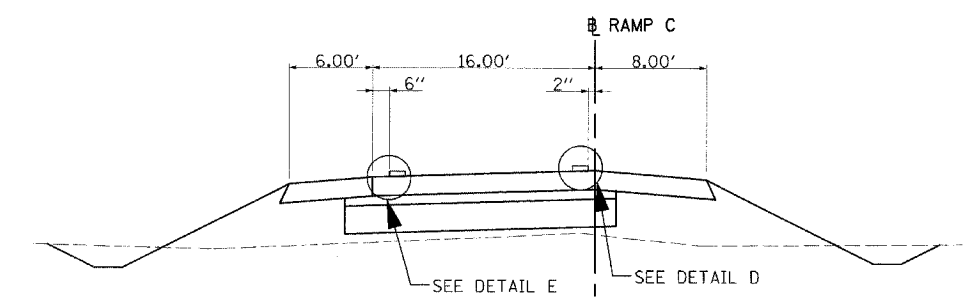
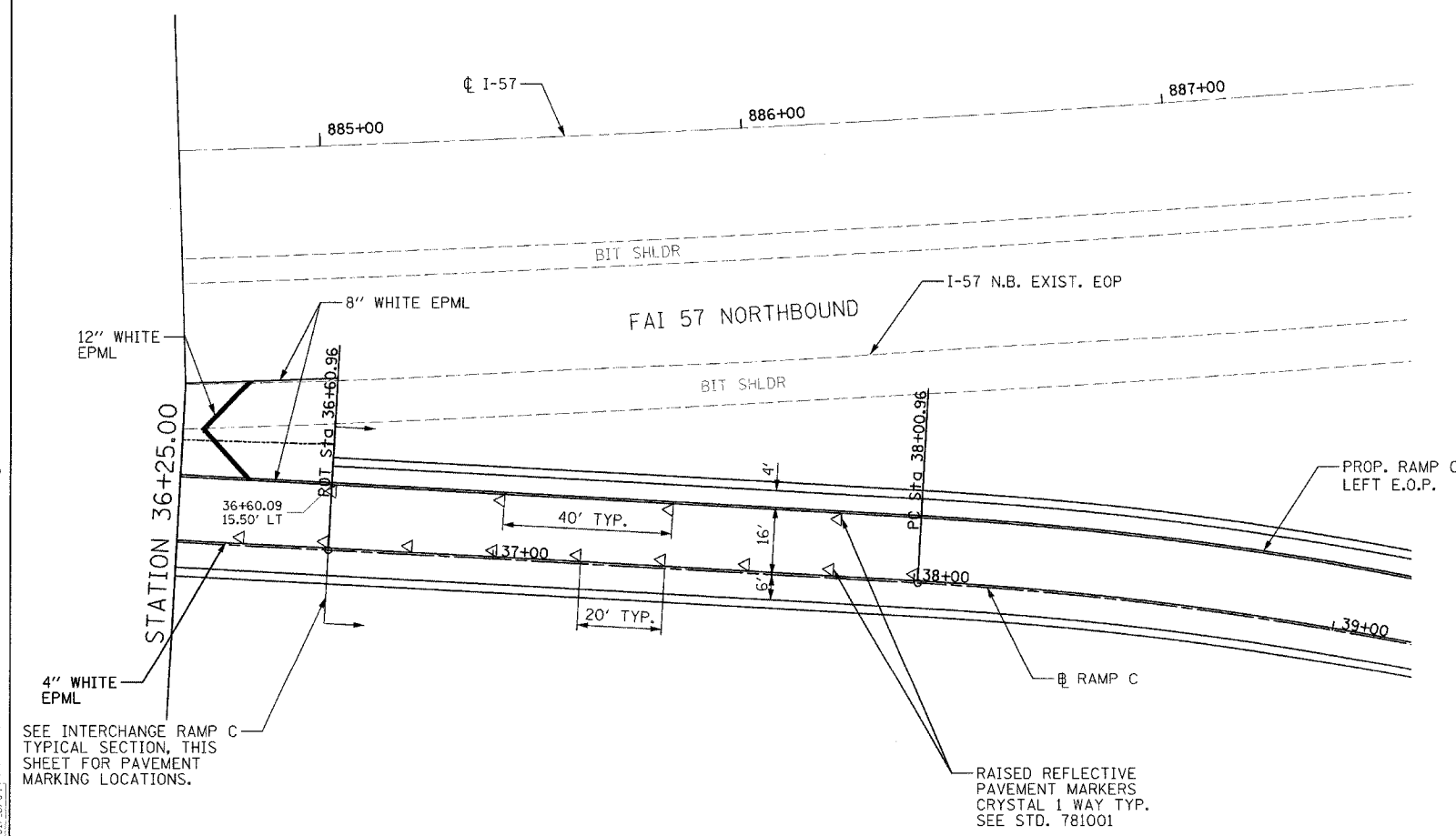
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	75
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



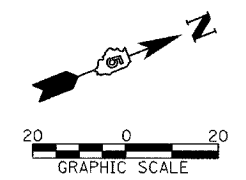
NOTE:
REMOVE EXISTING PAVEMENT MARKING ALONG THE E.O.P. OF I-57 FROM STA. 29+80.77 TO STA. 36+60.96, RAMP C



EPML = EPOXY PAVEMENT MARKING LINE



INTERCHANGE RAMP C
STA. 36+60.96 TO STA. 54+91.05



REVISIONS	
NAME	DATE

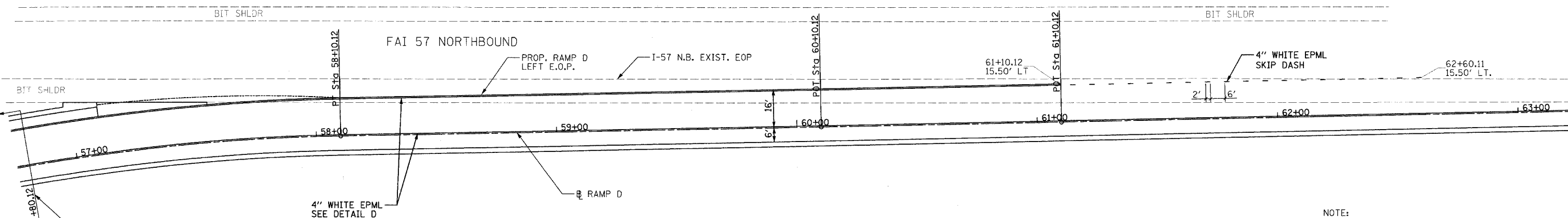
ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP C PAVEMENT MARKINGS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=20'
DATE 07/13/2005
DRAWN BY JAP
CHECKED BY SKM



LAYOUT SKM 03/28/03
 DRAWN JAP 04/28/03
 REVIEWED SKM 07/13/04
 07/13/2005
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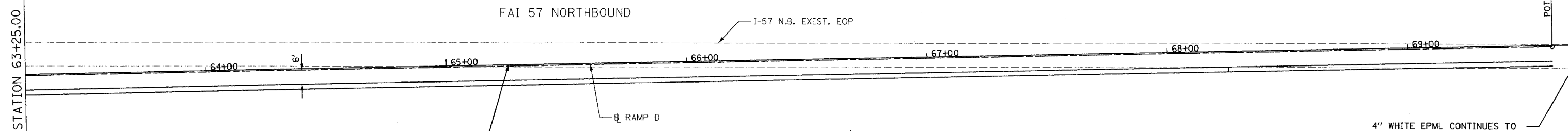
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	76
STA. 56+75.00		TO STA. 63+25.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



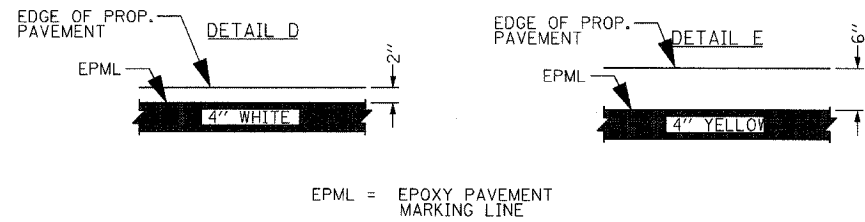
SEE INTERCHANGE RAMP D TYPICAL SECTION FOR PAVEMENT MARKING LOCATIONS. THIS SHEET.

NOTE:
REMOVE EXISTING PAVEMENT MARKING ALONG THE E.O.P. OF I-57 FROM STA. 61+10.12 TO STA. 69+90.22, RAMP D

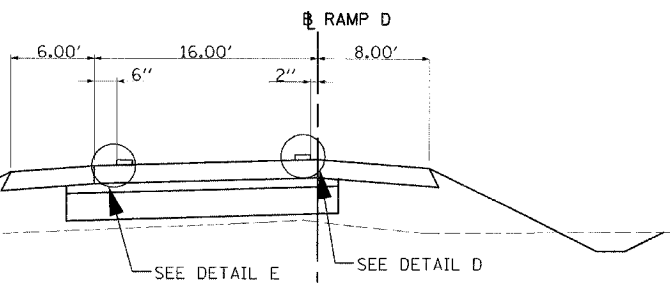
STATION 63+25.00



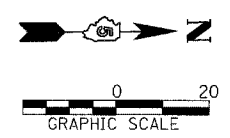
4" WHITE EPML CONTINUES TO STA. 69+90.22, MATCH EXISTING I-57 E.O.P. PAVEMENT MARKING



EPML = EPOXY PAVEMENT MARKING LINE



INTERCHANGE RAMP D
STA. 41+59.32 TO STA. 56+80.12



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP D PAVEMENT MARKINGS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: 1"=20'
DATE: 07/13/2005
DRAWN BY: JLW
CHECKED BY: SKM



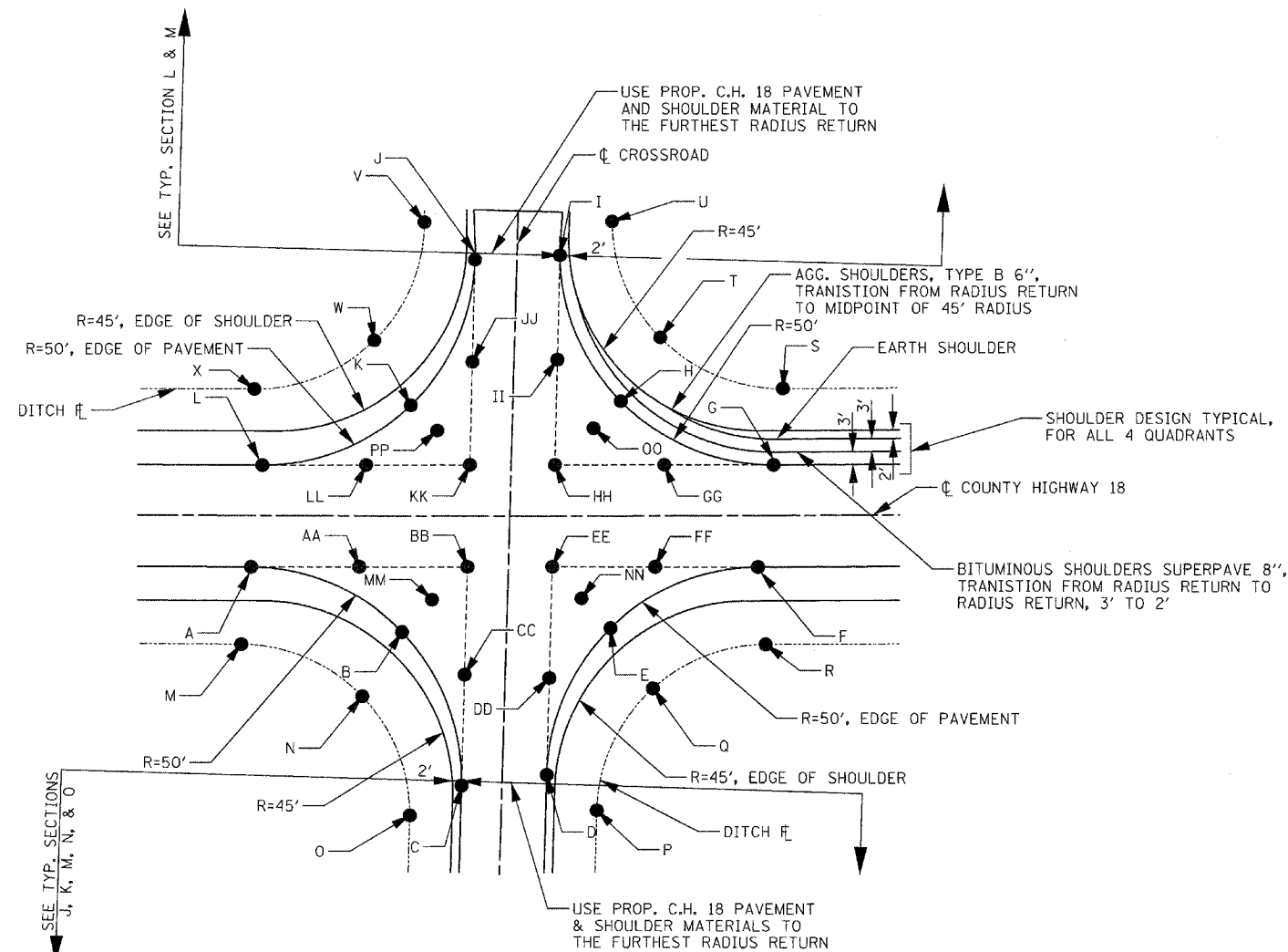
SKM 03/28/03
 JLW 04/28/03
 SKM 02/16/04
 07/13/2005
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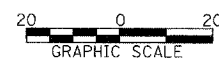
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	77
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*	780E			800E			870E			900E		
	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION
A	210+88.67	12.00	693.11	223+89.22	12.00	690.85	264+89.80	17.32	687.40	275+59.33	12.00	679.15
B	211+24.34	26.96	692.60				265+25.92	31.53	685.80			
C	211+38.66	62.89	692.35				265+41.00	67.31	685.06			
D	211+60.66	63.28	692.37				265+59.00	64.30	685.26			
E	211+75.65	26.33	692.66				265+73.25	29.34	685.59			
F	212+10.69	12.00	693.12	225+07.23	12.00	691.16	266+07.87	14.31	685.38	276+79.33	12.00	678.82
G	212+10.69	12.00	693.12	225+07.23	12.00	691.16	266+07.87	12.00	685.41	276+79.33	12.00	678.82
H				224+72.15	26.38	690.46				276+44.04	26.59	678.40
I				224+57.24	61.25	690.07				276+29.34	61.84	678.03
J				224+39.22	62.75	690.04				276+09.33	62.16	678.03
K				224+24.84	26.91	690.35				275+94.75	26.70	678.46
L	210+88.67	12.00	693.11	223+89.22	12.00	690.85	264+89.80	12.60	687.47	275+59.33	12.00	679.15
M	210+88.67	30.30	690.46				264+70.12	79.52	674.00			
N	211+15.86	38.24	690.51				264+93.24	94.33	673.92			
O	211+30.57	62.74	690.55				265+03.00	120.00	673.64			
P	211+71.38	63.47	689.70				265+94.34	100.58	673.59			
Q	211+85.71	41.79	689.66				266+10.04	70.99	674.45			
R	212+10.69	33.79	689.60				266+40.08	56.25	675.00			
S				225+07.23	38.01	686.58				276+81.14	35.50	674.87
T				224+89.10	45.93	685.86				276+50.39	50.44	674.66
U				224+71.42	63.24	686.37				276+40.89	77.00	674.85
V				224+24.95	62.54	686.37				275+97.90	80.45	674.87
W				224+19.24	51.54	685.52				275+74.00	44.19	674.50
X				224+08.19	45.35	684.86				275+60.00	40.29	674.25
AA	211+14.12	12.00	693.12	224+14.60	12.00	690.90	265+15.40	16.67	686.93	275+84.42	12.00	679.08
BB	211+39.57	12.00	693.13	224+39.98	12.00	690.96	265+41.00	16.02	686.48	276+09.50	12.00	679.01
CC	211+39.11	37.44	692.56				265+41.00	41.66	685.63			
DD	211+61.13	36.55	692.58				265+59.00	39.93	685.66			
EE	211+61.57	12.00	693.13	224+57.98	12.00	691.01	265+59.00	15.56	686.17	276+29.50	12.00	678.96
FF	211+86.13	12.00	693.13	224+82.61	12.00	691.08	265+83.43	14.94	685.77	276+54.42	12.00	678.89
GG	211+86.13	12.00	693.13	224+82.61	12.00	691.08	265+83.43	12.00	685.81	276+54.42	12.00	678.89
HH	211+61.57	12.00	693.13	224+57.98	12.00	691.01	265+59.00	12.06	686.22	276+29.50	12.00	678.96
II				224+57.61	36.62	690.44				276+29.42	36.92	678.41
JJ				224+39.60	37.38	690.42				276+09.42	37.08	678.40
KK	211+39.57	12.00	693.13	224+39.98	12.00	690.96	265+41.00	12.15	686.54	276+09.50	12.00	679.01
LL	211+14.12	12.00	693.12	224+14.60	12.00	690.90	265+15.40	12.34	687.00	275+84.42	12.00	679.08
MM	211+31.95	19.48	692.86				265+33.46	23.77	686.16			
NN	211+68.61	19.17	692.90				265+66.12	22.45	685.89			
OO				224+65.06	19.19	690.74				276+36.77	19.29	678.68
PP				224+32.41	19.46	690.65				276+02.12	19.35	678.74

* ALL STATIONS AND OFFSETS ARE REFERENCED TO COUNTY HIGHWAY 18



TYPICAL INTERSECTION DETAIL OF TOWNSHIP ROADS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 TOWNSHIP ROADS
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=20'
 DATE: 07/13/2005

DRAWN BY: DJP
 CHECKED BY: SKM

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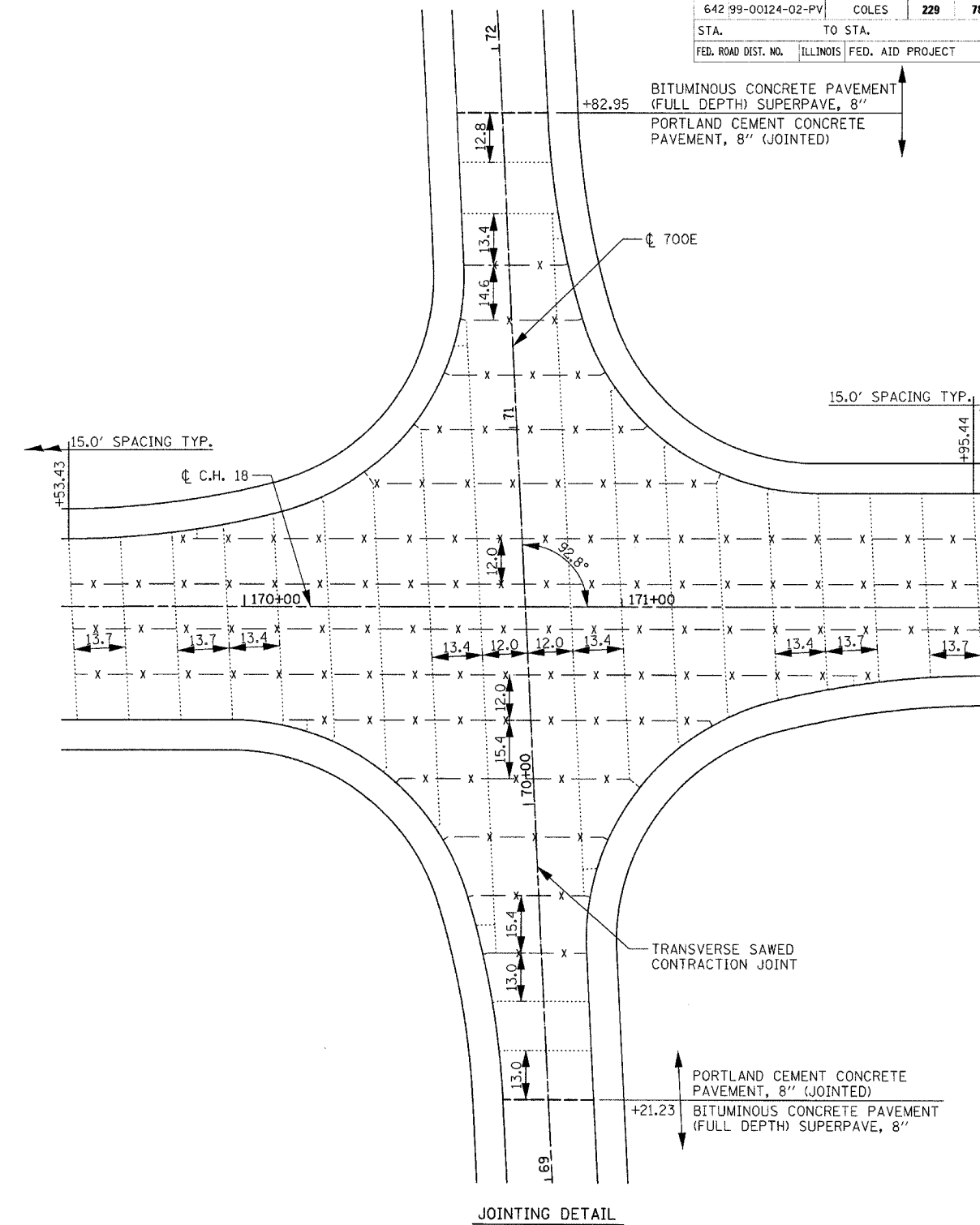
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 DRAWN: DJP/SM/07/29/05
 REVISIONS: SM/07/17/05
 07/13/2005
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642 99-00124-02-PV	COLES	ILLINOIS	229	78
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

700E / C.H. 18 INTERSECTION

STATION	OFFSET	ELEVATION	
A	169+96.91	30.00	692.28
B	170+35.52	42.71	691.65
C	170+59.03	75.87	691.06
D	170+65.62	103.27	690.72
E	170+68.73	131.28	690.37
F	170+90.83	91.12	690.95
G	171+03.47	49.39	691.20
H	171+39.63	25.03	691.99
I	171+67.32	19.76	692.07
J	171+95.44	18.00	692.09
K	171+51.97	30.00	691.94
L	171+13.36	42.71	691.61
M	170+89.85	75.87	691.06
N	170+83.26	103.27	690.79
O	170+80.14	131.28	690.51
P	170+58.05	91.12	690.97
Q	170+45.41	49.39	691.28
R	170+09.24	25.03	692.28
S	169+81.56	19.77	692.48
T	169+53.44	18.00	692.62
AA	170+35.52	30.00	692.16
BB	170+63.87	30.00	692.09
CC	170+64.41	41.32	691.72
DD	170+66.05	75.54	691.20
EE	170+67.38	103.19	690.79
FF	170+88.86	50.09	691.57
GG	170+87.77	27.52	691.91
HH	170+87.32	18.00	692.21
II	171+39.63	18.00	692.13
JJ	171+67.32	18.00	692.10
KK	171+13.36	30.00	691.99
MM	170+85.01	30.00	692.04
NN	170+84.47	41.32	691.72
OO	170+82.82	75.54	691.20
QQ	170+60.02	50.09	691.57
RR	170+61.56	18.00	692.27
SS	170+45.41	18.00	692.31
TT	170+09.24	18.00	692.42
UU	169+81.56	18.00	692.51
VV	170+53.71	39.86	691.79
WW	170+98.82	29.76	691.80
XX	170+95.17	39.86	691.76
YY	170+50.06	29.76	691.90
DA	170+11.97	59.85	687.13
DB	170+21.91	67.46	686.76
DC	170+28.93	77.82	686.66
DD	170+38.16	104.48	686.56
DE	170+43.08	132.25	686.45
DF	171+18.33	128.90	686.45
DG	171+17.72	98.40	686.56
DH	171+20.71	72.94	686.66
DI	171+27.46	61.98	686.76
DJ	171+36.85	53.16	687.13
DK	171+37.05	58.73	687.13
DL	171+16.11	79.46	687.22
DM	171+05.96	107.12	687.35
DN	170+33.19	89.83	687.29
DO	170+27.29	69.32	687.22
DP	170+12.13	54.29	687.13

*ALL STATIONS AND OFFSETS IN TABLE ARE REFERENCED TO COUNTY HIGHWAY 18



LEGEND

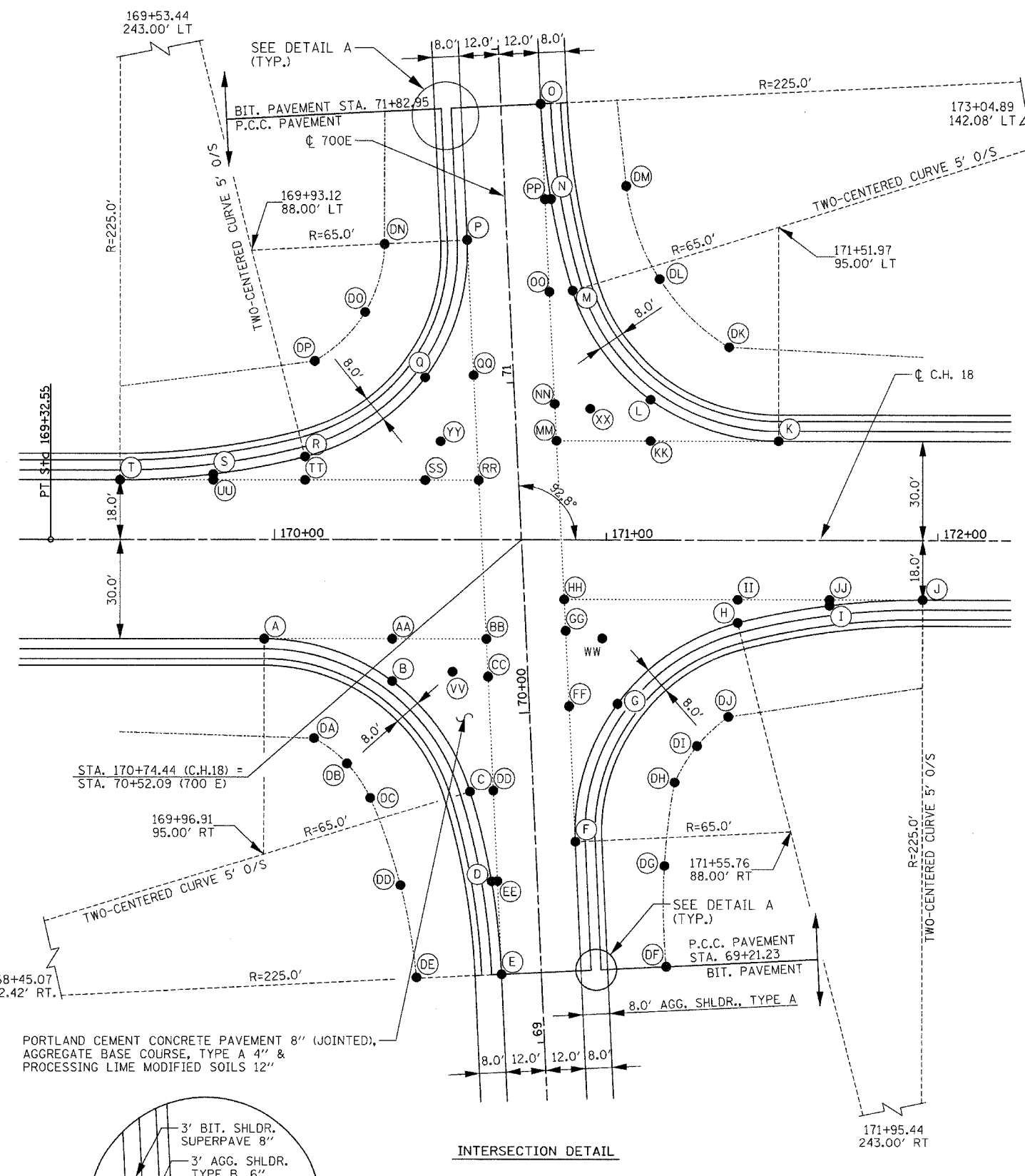
- x - x - SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT
- TRANSVERSE SAWED CONTRACTION JOINT
- EXPANSION JOINT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION/JOINTING DETAIL
 700E & C.H. 18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: VERT. _____
 HORIZ. _____
 DATE 07/13/2005

DRAWN BY JLW
 CHECKED BY SKM



DETAIL A

INTERSECTION DETAIL

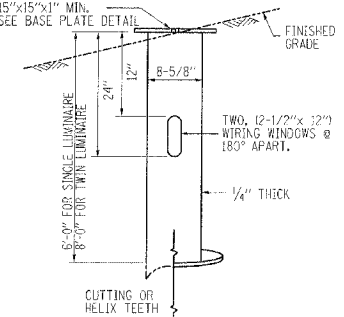
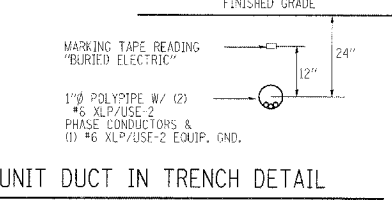
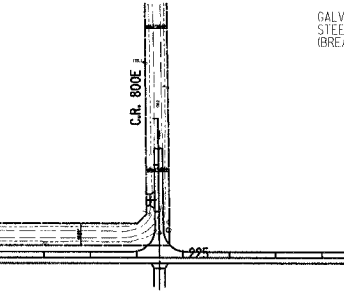
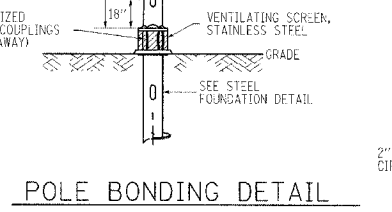
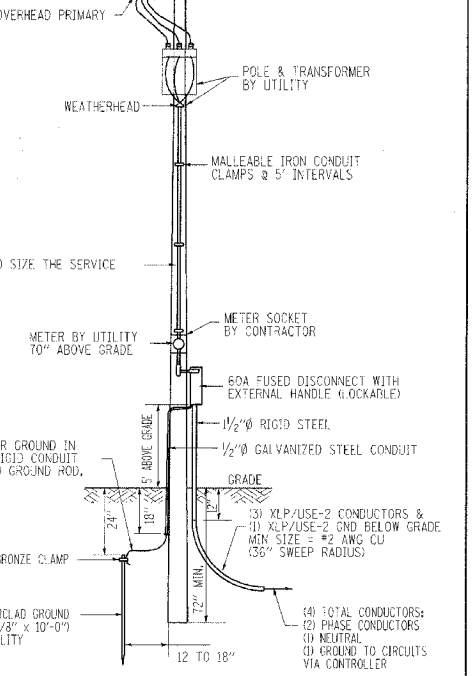
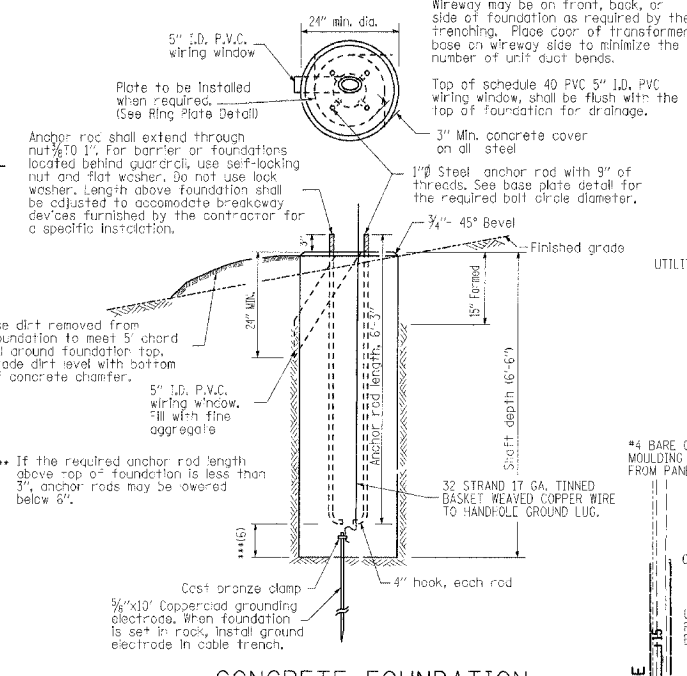
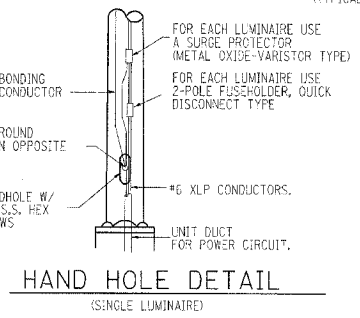
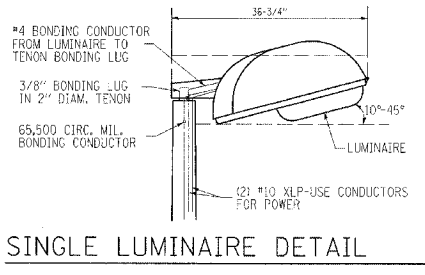
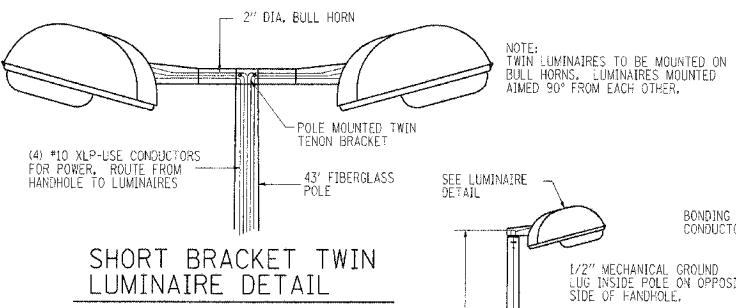
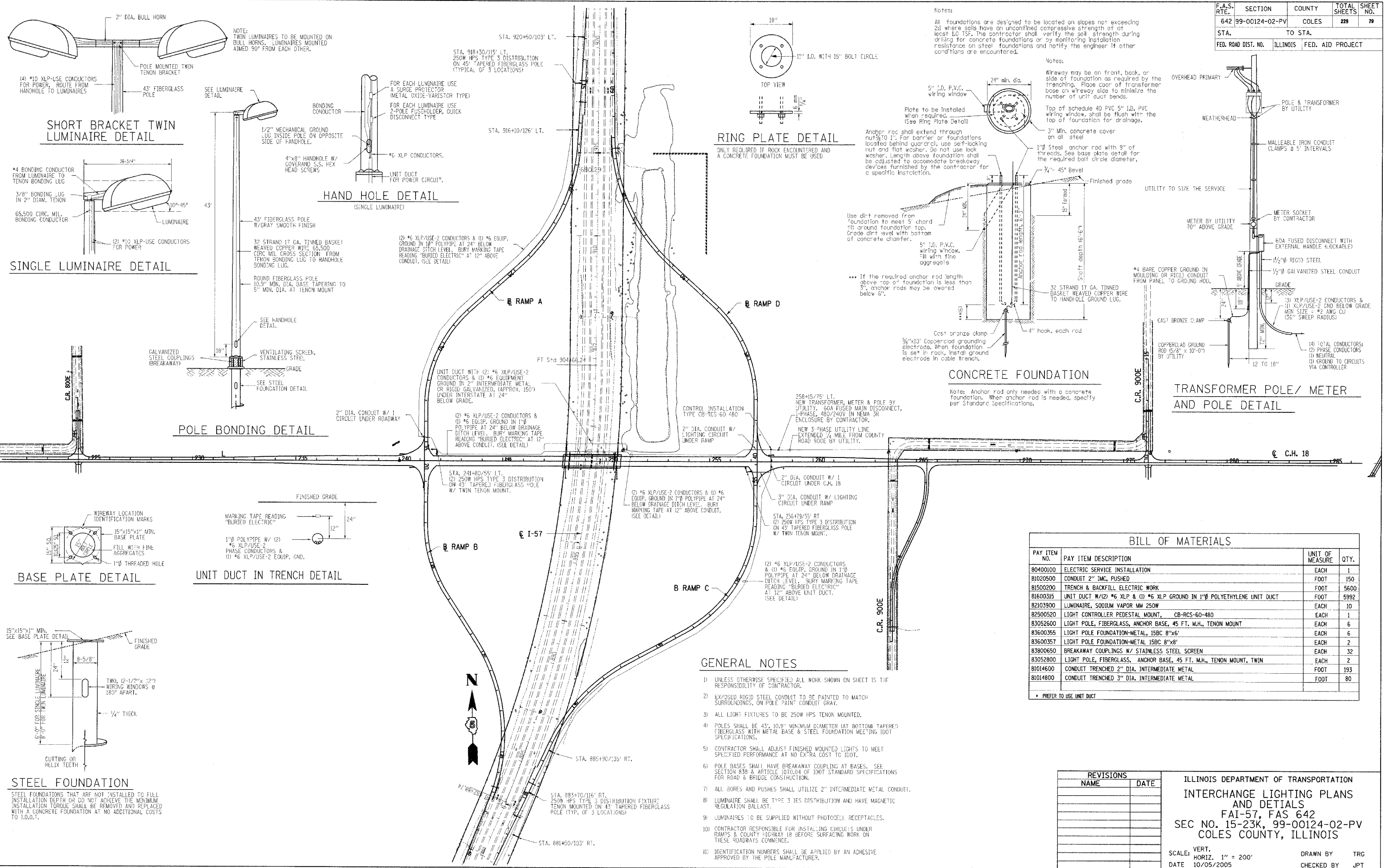
NOTE: USE MAINLINE PAVEMENT AND SHOULDER MATERIALS BACK TO THE FURTHEST RADIUS RETURN.



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LAYOUT: LEW/SKM 07/28/05
 DRAWN: JLW 07/28/05
 PREPARED: SKM 07/28/05
 PROJECT: 99-00124-02-PV
 SHEET: 78 OF 229

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	79
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- GENERAL NOTES**
- UNLESS OTHERWISE SPECIFIED ALL WORK SHOWN ON SHEET IS THE RESPONSIBILITY OF CONTRACTOR.
 - EXPOSED RIGID STEEL CONDUIT TO BE PAINTED TO MATCH SURROUNDINGS, ON POLE PAINT CONDUIT GRAY.
 - ALL LIGHT FIXTURES TO BE 250W HPS TENON MOUNTED.
 - POLES SHALL BE 43', 10.9" MINIMUM DIAMETER (AT BOTTOM TAPERED) FIBERGLASS WITH METAL BASE & STEEL FOUNDATION MEETING IDOT SPECIFICATIONS.
 - CONTRACTOR SHALL ADJUST FINISHED MOUNTED LIGHTS TO MEET SPECIFIED PERFORMANCE AT NO EXTRA COST TO IDOT.
 - POLE BASES SHALL HAVE BREAKAWAY COUPLING AT BASES. SEE SECTION 838 & ARTICLE 1070.04 OF IDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
 - ALL BORES AND PUSHES SHALL UTILIZE 2" INTERMEDIATE METAL CONDUIT.
 - LUMINAIRE SHALL BE TYPE 3 IES DISTRIBUTION AND HAVE MAGNETIC REGULATION BALLAST.
 - LUMINAIRE TO BE SUPPLIED WITHOUT PHOTOCELL RECEPTACLES.
 - CONTRACTOR RESPONSIBLE FOR INSTALLING CIRCUITS UNDER RAMP & COUNTY HIGHWAY 18 BEFORE SURFACING WORK ON THESE ROADWAYS COMMENCE.
 - IDENTIFICATION NUMBERS SHALL BE APPLIED BY AN ADHESIVE APPROVED BY THE POLE MANUFACTURER.

BILL OF MATERIALS

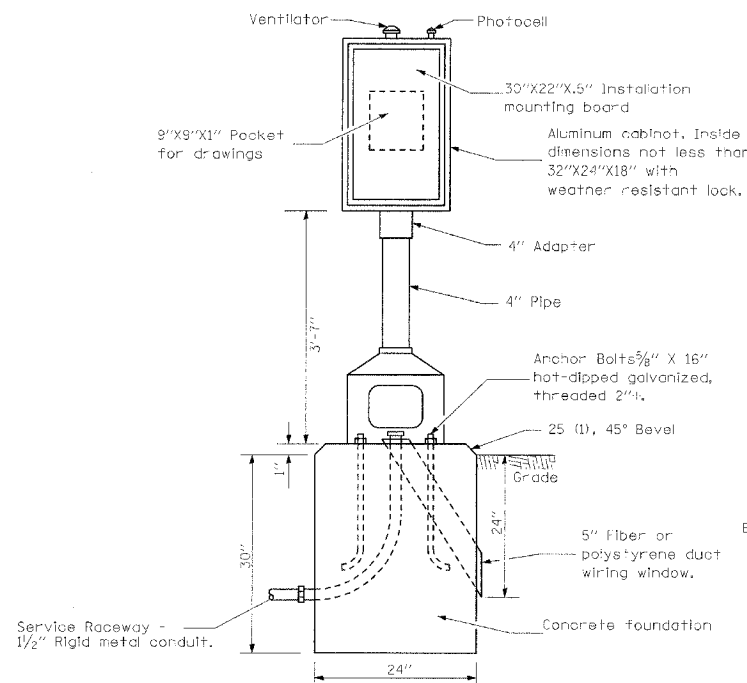
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QTY.
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
81020500	CONDUIT 2" IMC, PUSHED	FOOT	150
81500200	TRENCH & BACKFILL ELECTRIC WORK	FOOT	5600
81600315	UNIT DUCT W/ (2) #6 XLP & (1) #6 XLP GROUND IN 1" POLYETHYLENE UNIT DUCT	FOOT	5992
82103900	LUMINAIRE, SODIUM VAPOR MM 250W	EACH	10
82500520	LIGHT CONTROLLER PEDESTAL MOUNT, CB-RCS-60-480	EACH	1
83052600	LIGHT POLE, FIBERGLASS, ANCHOR BASE, 45 FT. M.H., TENON MOUNT	EACH	6
83600355	LIGHT POLE FOUNDATION-METAL, 15BC 8"x6"	EACH	6
83600357	LIGHT POLE FOUNDATION-METAL 15BC 8"x8"	EACH	2
83800650	BREAKAWAY COUPLINGS W/ STAINLESS STEEL SCREEN	EACH	32
83052800	LIGHT POLE, FIBERGLASS, ANCHOR BASE, 45 FT. M.H., TENON MOUNT, TWIN	EACH	2
81014600	CONDUIT TRENCHED 2" DIA. INTERMEDIATE METAL	FOOT	193
81014800	CONDUIT TRENCHED 3" DIA. INTERMEDIATE METAL	FOOT	80

* PREFER TO USE UNIT DUCT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INTERCHANGE LIGHTING PLANS AND DETAILS FAI-57, FAS 642 SEC NO. 15-23K, 99-00124-02-PV COLES COUNTY, ILLINOIS
NAME	DATE	
		SCALE: VERT. 1" = 200' HORIZ. 1" = 200' DATE 10/05/2005 DRAWN BY TRG CHECKED BY JPT

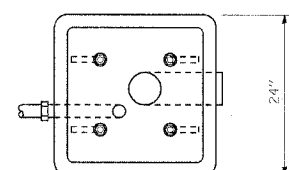
FILE NO. 13191022-5
9/15/05
10/05/2005

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	80
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CONTROL INSTALLATION

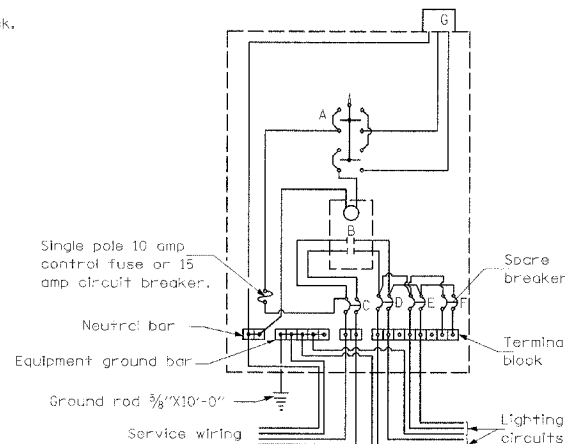
Front View



FOUNDATION

Top View

- A Selector switch
- B 2 Pole 60 amp contactor
- C 2 Pole 60 amp service disconnect
- D,E,F 2 Pole 15 amp breakers
- G Photocell w/integral surge arrester



WIRING DIAGRAM

GENERAL NOTES

Locate service pole and control installation adjacent to R.O.W. line with a minimum distance of 30' from the edge of pavement. Exact location shall be established by the Engineer.
The underground service entrance wiring shall not exceed 150'. Total aerial and underground service between the control installation and primary transformer shall not exceed 250'.

For 480 V. systems, a 480/120 V. control transformer will be required.

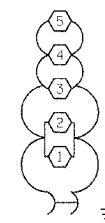
Where soil conditions permit, and where approved by the Engineer, a 6" dia. x 5'-0" long metal screw in foundation may be used in lieu of a concrete foundation.

All dimensions are in millimeters unless otherwise shown.

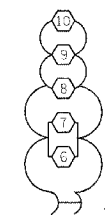
CONTROL INSTALLATION TYPE CB-RCS-60

- 240 V. SERVICE
- 480 V. SINGLE PHASE SERVICE

(same for both circuits)

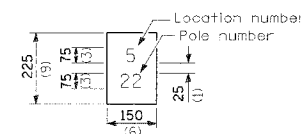


2 POLE 15 AMP BREAKER CONTROLLER CIRCUIT #1 SOUTH CIRCUIT/EAST INTERCHANGE FIXTURES 1 & 2 MOUNTED ON SAME POLE



2 POLE 15 AMP BREAKER CONTROLLER CIRCUIT #2 NORTH CIRCUIT/WEST INTERCHANGE FIXTURES 6 & 7 MOUNTED ON SAME POLE

CIRCUIT DIAGRAM



The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", block, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

The light pole identification shall be applied to sign base material as specified in section 1085.05 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 2319.

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE

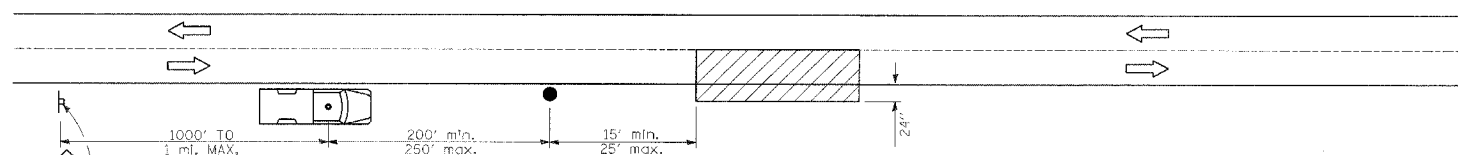
GIVEN CONDITIONS		
ROADWAY DATA:	Pavement Width	24 FT
	Number of Lanes	2
	Median Width	N/A FT
	IES Surface Classification	R3
	Q-Zero Value	.07
LIGHT POLE DATA:	Mounting Height	43 FT
	Mast Arm Length	0 FT
	Pole Set-Back From Edge Of Pavement	32 FT
LUMINAIRE DATA:	Lamp Type	250W HPS
	Lamp Lumens	28,000
	IES Vertical Distribution	L
	IES Control Of Distribution	NON-CUTOFF
	IES Lateral Distribution	3
	Total Light Loss Factor	0.684
LAYOUT DATA:	Spacing	220 FT
	Configuration	1 SIDE ONLY
	Luminaire Overhang Over Edge Of Pavement Lane	N/A

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination	0.9 FC
	Uniformity Ratio: (Eave/EMin)	3.0
LUMINANCE:	Average Luminance: (Lave)	0.6 Cd/m2
	Uniformity Ratio: (Lave/LMin)	3.5
	(LMax/LMin)	6
	Maximum Veiling Luminance Ratio: (Lv/Lave)	0.3



SYMBOLS

- Work area
- Sign on portable or permanent support
- Truck with flashing amber light and dual emergency flashers
- Flagger with traffic control sign

TYPICAL APPLICATIONS
Utility operations

DETAIL FOR NIGHTTIME LIGHTING INSPECTION

REVISIONS	
NAME	DATE

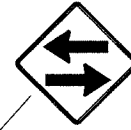
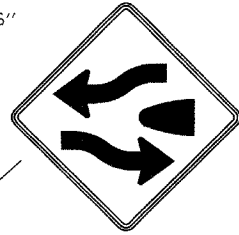
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCHANGE LIGHTING PLANS
AND DETAILS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: VERT. HORIZ.
DATE 10/05/2005
DRAWN BY TRG
CHECKED BY JPT

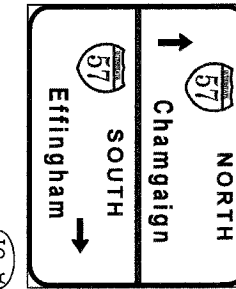
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	83
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STA. 230+00
M 2-1 (INTERSTATE) 21"x15"
M 1-1 36"x36"
4"x6"x19'
WOOD SIGN SUPPORT

STA. 230+00
W 6-1 36"x36"
4"x6"x20'
WOOD SIGN SUPPORT



STA. 234+50
W 6-3 36"x36"
4"x6"x18'
WOOD SIGN SUPPORT

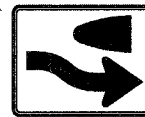


STA. 238+50
SPECIAL SIGN A-01
SEE DETAIL, SHEET NO. 85
W10X22 AT 23'
W10X22 AT 25'

230+00

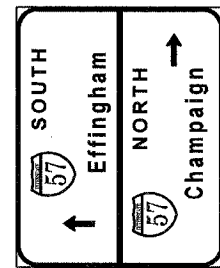
240+00

☉ C.H. 18



STA. 235+50
R 4-7 24"x30"
14' METAL POST-TYPE B

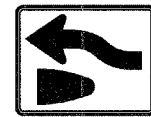
STA. 260+00



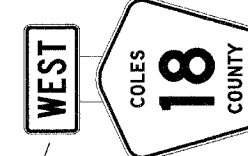
SPECIAL SIGN A-02
SEE DETAIL, SHEET NO. 85
W8X18 AT 23'
W8X18 AT 24'



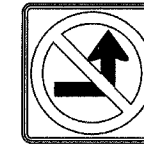
STA. 262+50
R2-1 24"x30"
4"x6"x18'
WOOD SIGN SUPPORT



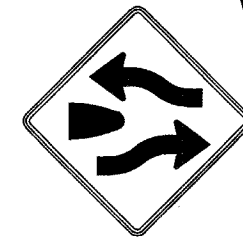
STA. 263+00
R 4-7 24"x30"
14' METAL POST-TYPE B



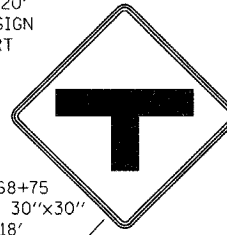
STA. 264+00
R3-4 24"x12"
M1-6, 18, 24"x12"
4"x6"x18'
WOOD SIGN SUPPORT



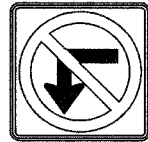
STA. 240+25
R 3-2 36"x36"
4"x6"x17'
WOOD SIGN SUPPORT



STA. 268+00
W 6-1 36"x36"
4"x6"x20'
WOOD SIGN SUPPORT



STA. 268+75
W 2-2L 30"x30"
4"x6"x18'
WOOD SIGN SUPPORT



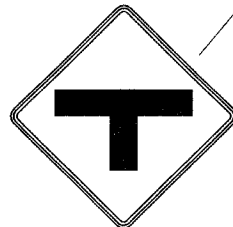
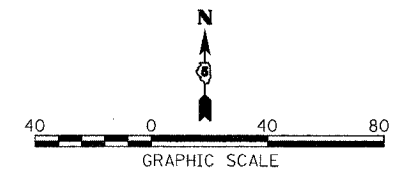
STA. 258+50
R 3-2 36"x36"
4"x6"x16'
WOOD SIGN SUPPORT



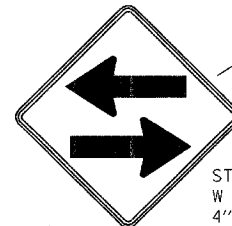
STA. 268+00
M 2-1 (INTERSTATE) 21"x15"
M 1-1 36"x36"
4"x6"x18'
WOOD SIGN SUPPORT



STA. 265+71
R1-1, 30"x30"
4"x6"x14'
WOOD SIGN SUPPORT



STA. 262+25
W 2-2R 30"x30"
4"x6"x16'
WOOD SIGN SUPPORT



STA. 264+00
W 6-3 36"x36"
4"x6"x18'
WOOD SIGN SUPPORT

☉ 870 E



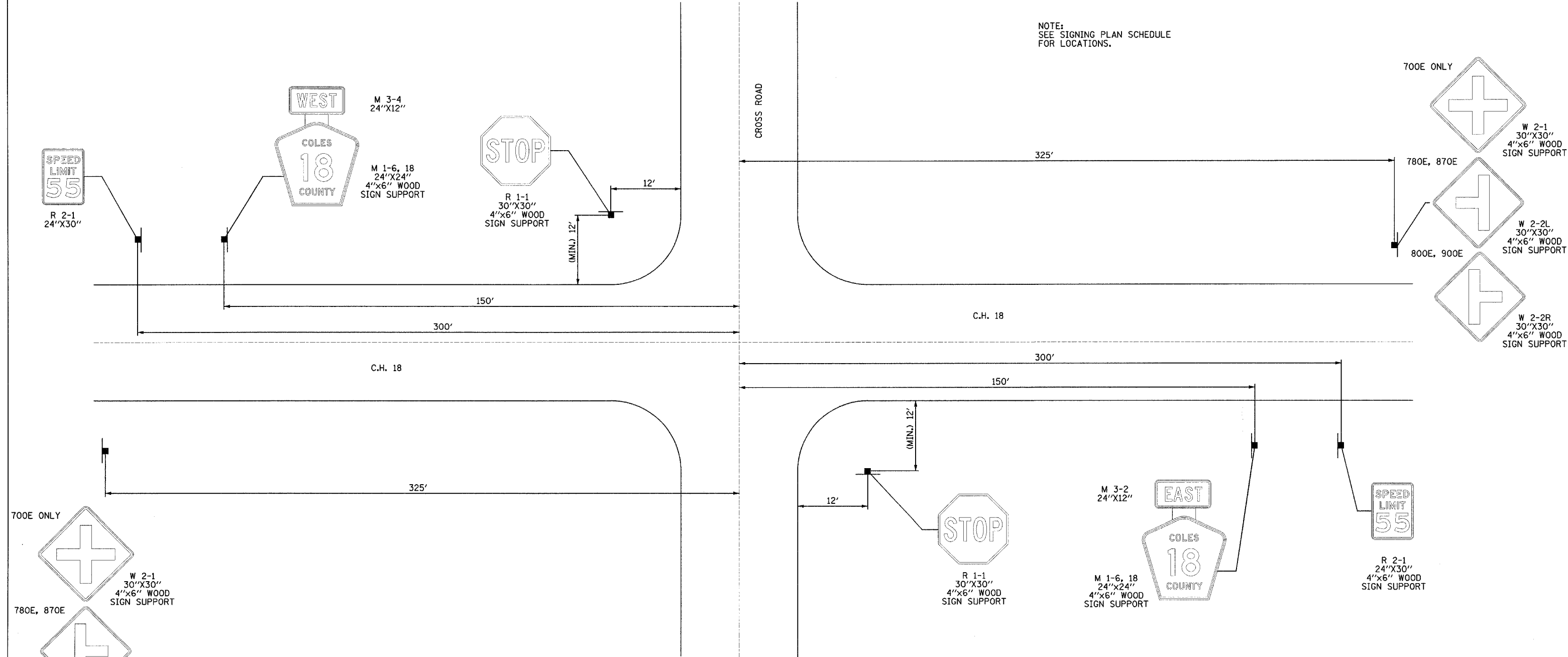
LAYOUT	DJP	07/19/04
DRAWN	DJP	07/19/04
REVIEWED	SKM	01/11/05

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING PLANS
FAI-57, FAS 642
SEC NO. 15-23K, 99-00124-02-PV
COLES COUNTY, ILLINOIS
SCALE: 1"=40'
DATE: 07/13/2005
DRAWN BY: DJP
CHECKED BY: SKM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	229	84
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• 99-00124-02-PV				

NOTE:
SEE SIGNING PLAN SCHEDULE
FOR LOCATIONS.



TYPICAL SIGN PLACEMENT @ INTERSECTION
SEE STANDARD 720006 FOR MORE INFORMATION



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING PLANS
FAI-57, FAS 642
SEC NO. 15-23K, 66-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DATE 07/13/2005

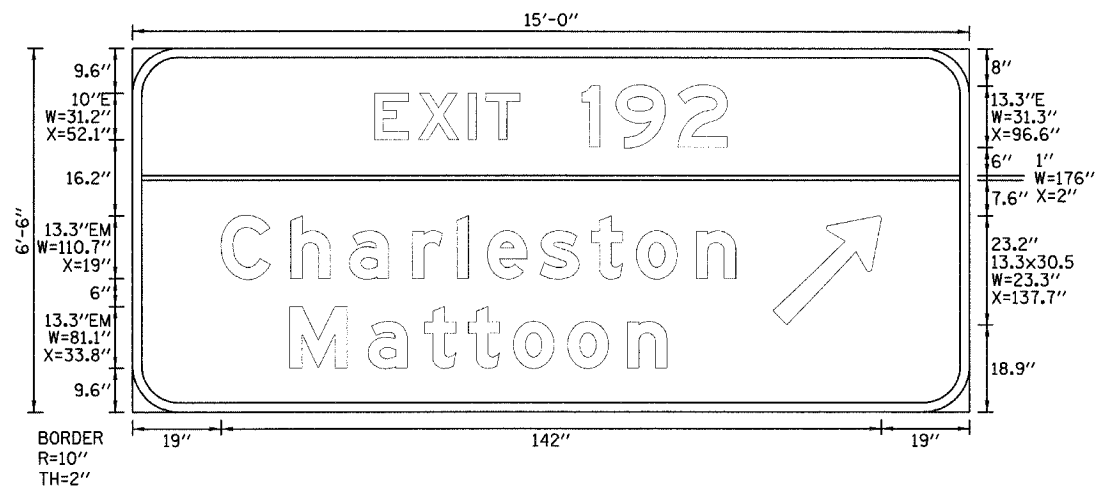
DRAWN BY JAP
CHECKED BY SKM

LAYOUT	JAP	01/12/04
DRAWN	JAP	01/14/04
REVIEWED	SKM	01/11/05



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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	229	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* 99-00124-02-PV				



LETTER POSITIONS (X)

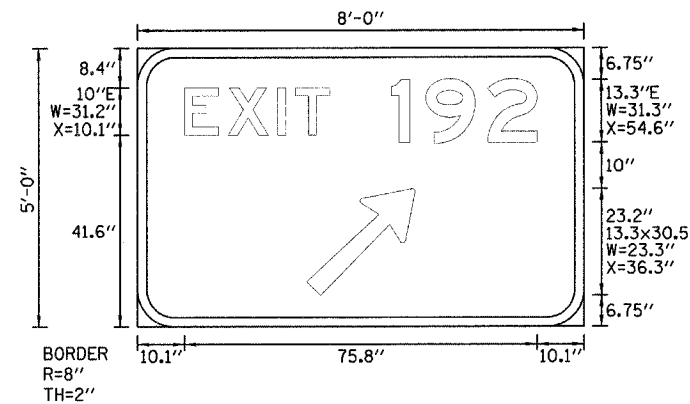
E	X	I	T	1	9	2			
52.1	61.5	72.2	76	96.6	103.9	117.3			
C	h	a	r	l	e	s	t	o	n
19	34	46.6	60.2	69.7	76.3	87.6	98.7	108.3	121.2
M	a	t	t	o	o	n			
33.8	50.6	62.8	72.2	81.9	93.5	106.4			

LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

A-05

SIGN NUMBER	A-05
WIDTH x HGHT.	15'-0" x 6'-6"
BORDER WIDTH	2"
CORNER RADIUS	10"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN/GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE / PURE WHITE

SYMBOL	X	Y	WID	HT
ARLONG	137.7	18.9	13.3	30.5



LETTER POSITIONS

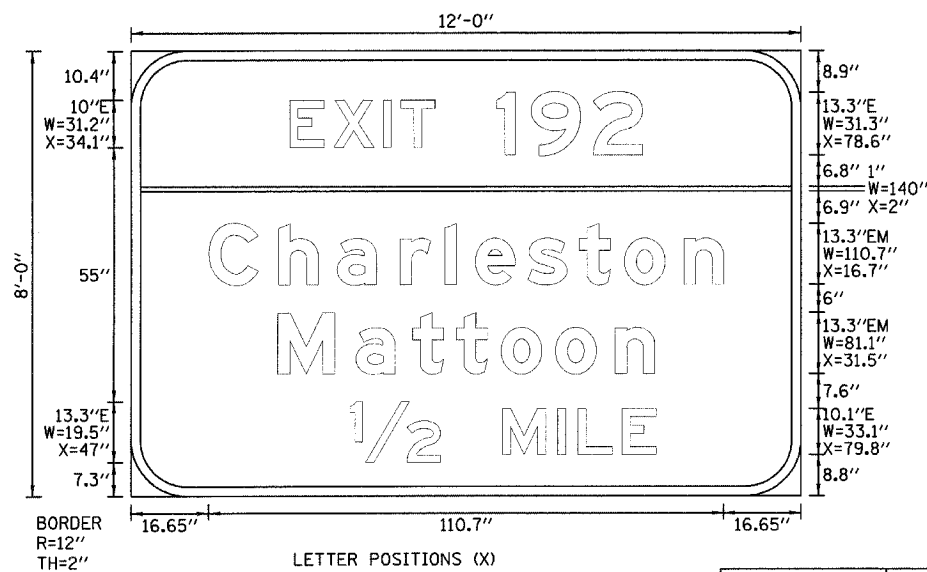
E	X	I	T	1	9	2
10.1	19.5	30.2	34	54.6	61.9	75.3

LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

A-06

SIGN NUMBER	A-06
WIDTH x HGHT.	8'-0" x 5'-0"
BORDER WIDTH	2"
CORNER RADIUS	8"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE / PURE WHITE

SYMBOL	X	Y	WID	HT
ARLONG	36.3	6.7	13.3	30.5



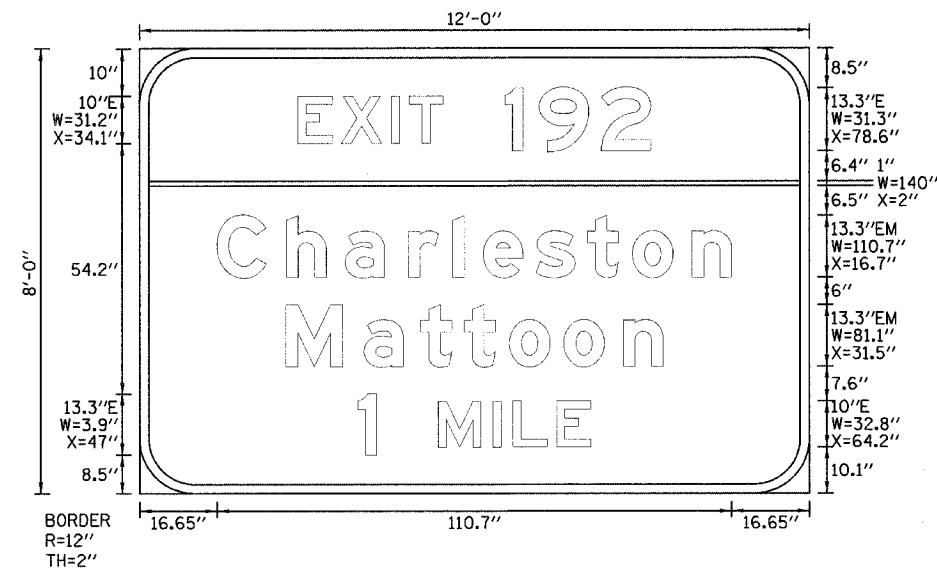
LETTER POSITIONS (X)

E	X	I	T	1	9	2			
34.1	43.5	54.2	58	78.6	85.9	99.3			
C	h	a	r	l	e	s	t	o	n
16.7	31.6	44.2	57.8	67.4	73.9	85.3	96.3	106	118.8
M	a	t	t	o	o	n			
31.4	48.3	60.4	69.8	79.5	91.2	104			
1/2	M	I	L	E					
47	79.8	91.7	96	105.5					

LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

A-07

SIGN NUMBER	A-07
WIDTH x HGHT.	12'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN/GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE / PURE WHITE



LETTER POSITIONS (X)

E	X	I	T	1	9	2			
34.1	43.5	54.2	58	78.6	86	99.3			
C	h	a	r	l	e	s	t	o	n
16.7	31.6	44.2	57.8	67.4	73.9	85.3	96.3	106	118.8
M	a	t	t	o	o	n			
31.4	48.3	60.4	69.8	79.5	91.2	104			
1	M	I	L	E					
47	64.2	76	80.3	89.7					

LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

A-08

SIGN NUMBER	A-08
WIDTH x HGHT.	12'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN/GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE / PURE WHITE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING PLAN DETAILS
FAI-57, FAS 642
SEC NO. 15-23K, 66-00124-02-PV
COLES COUNTY, ILLINOIS

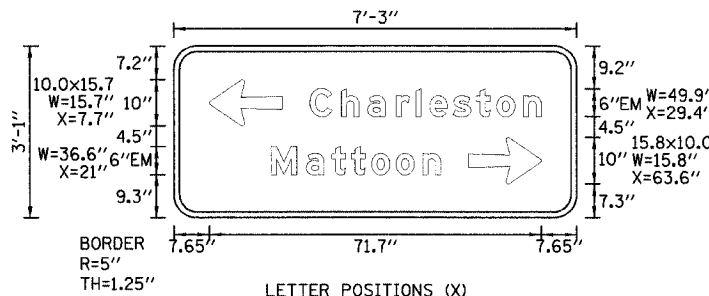
SCALE: NOT TO SCALE
DATE 07/13/2005

DRAWN BY JAP
CHECKED BY SKM



07/13/2005
 JAP 07/13/04
 DRAWN JAP 07/14/04
 REVISED SKM 07/15/04
 1914055 07 620200 CHN Sherman-S2.kgp.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642		COLES	229	87
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• 99-00124-02-PV				



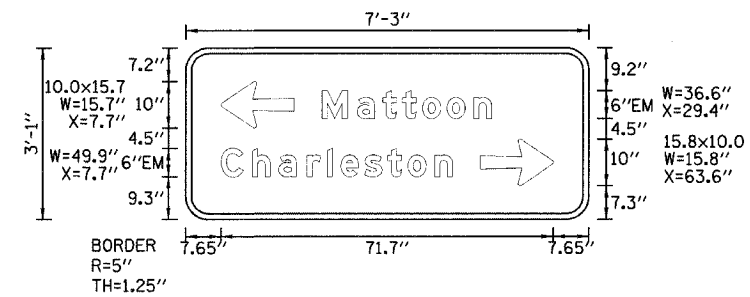
LETTER POSITIONS (X)									
C	h	a	r	l	e	s	t	o	n
29.4	36.2	41.8	48	52.3	55.2	60.3	65.3	69.7	75.5
M	a	t	t	o	o	n			
21	28.6	34.1	38.3	42.7	48	53.7			

LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

SIGN NUMBER	A-09
WIDTH x HGHT.	7'-3" x 3'-1"
BORDER WIDTH	1.25"
CORNER RADIUS	5"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE / PURE WHITE

SYMBOL	X	Y	WID	HT
ARMED	7.7	19.8	10	15.8
ARMED	63.6	7.3	15.8	10

A-09



LETTER POSITIONS (X)									
M	a	t	t	o	o	n			
29.4	37	42.5	46.7	51.1	56.3	62.2			
C	h	a	r	l	e	s	t	o	n
7.7	14.4	20.1	26.2	30.5	33.5	38.6	43.6	47.9	53.8

LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

SIGN NUMBER	A-10
WIDTH x HGHT.	7'-3" x 3'-1"
BORDER WIDTH	1.25"
CORNER RADIUS	5"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: GREEN
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE / PURE WHITE

SYMBOL	X	Y	WID	HT
ARMED	7.7	19.8	10	15.8
ARMED	63.6	7.3	15.8	10

A-10

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING PLAN DETAILS
FAI-57, FAS 642
SEC NO. 15-23K, 66-00124-02-PV
COLES COUNTY, ILLINOIS

SCALE: NOT TO SCALE
DATE 07/13/2005

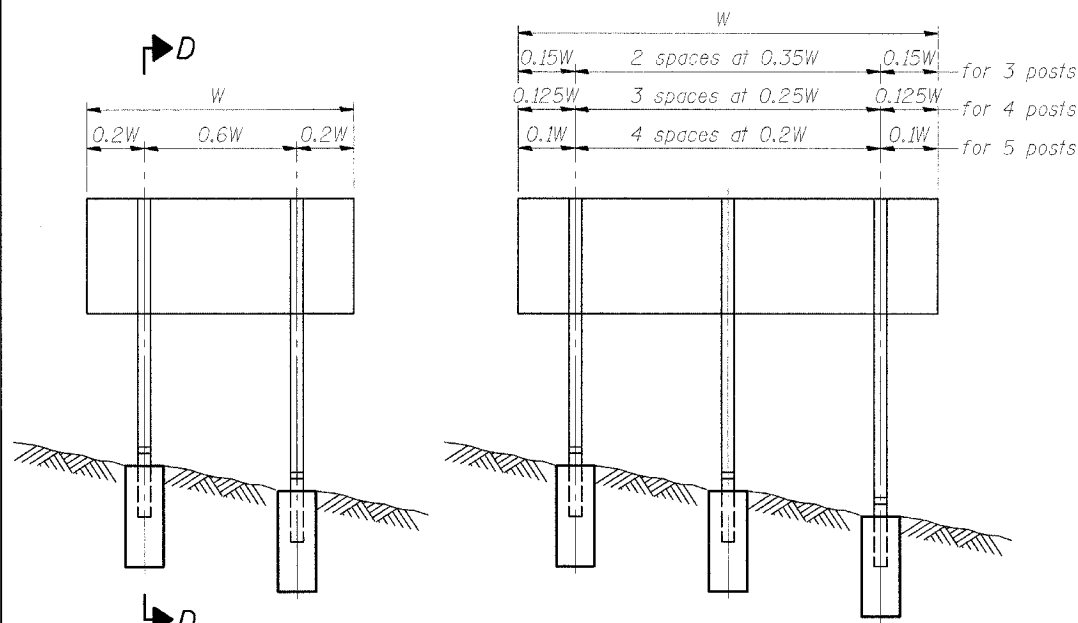
DRAWN BY JAP
CHECKED BY SKM



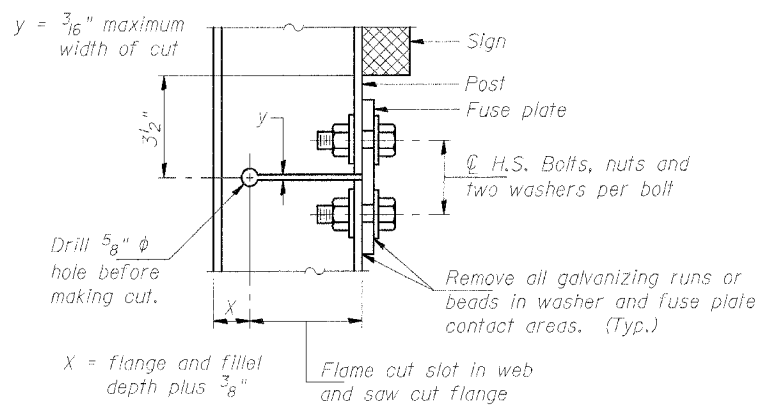
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 DRAWN: JAP 07/13/05
 REVIEWED: SKM 07/15/05
 07/13/2005
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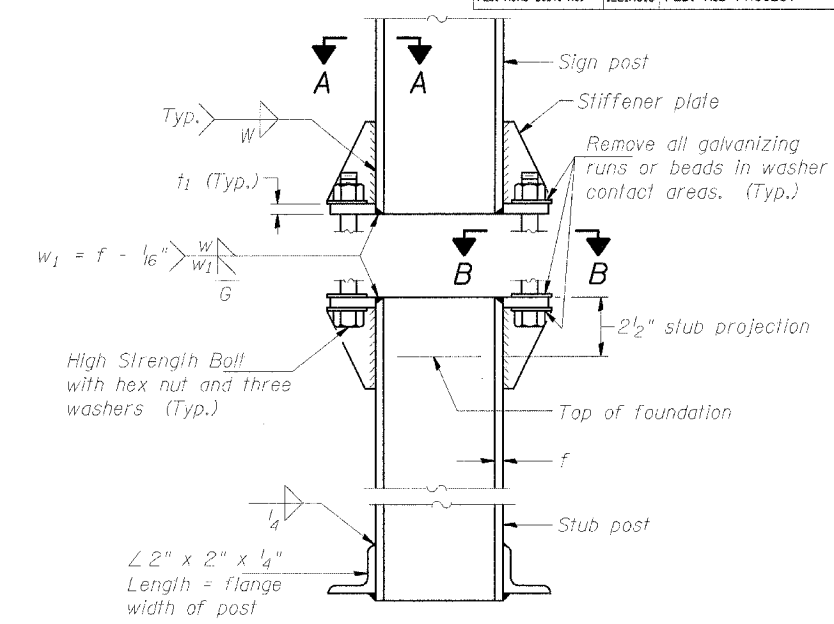
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STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



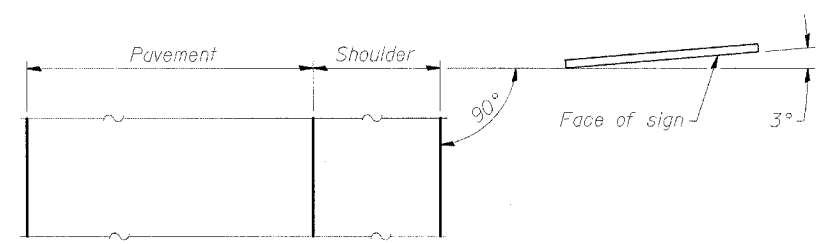
ELEVATION



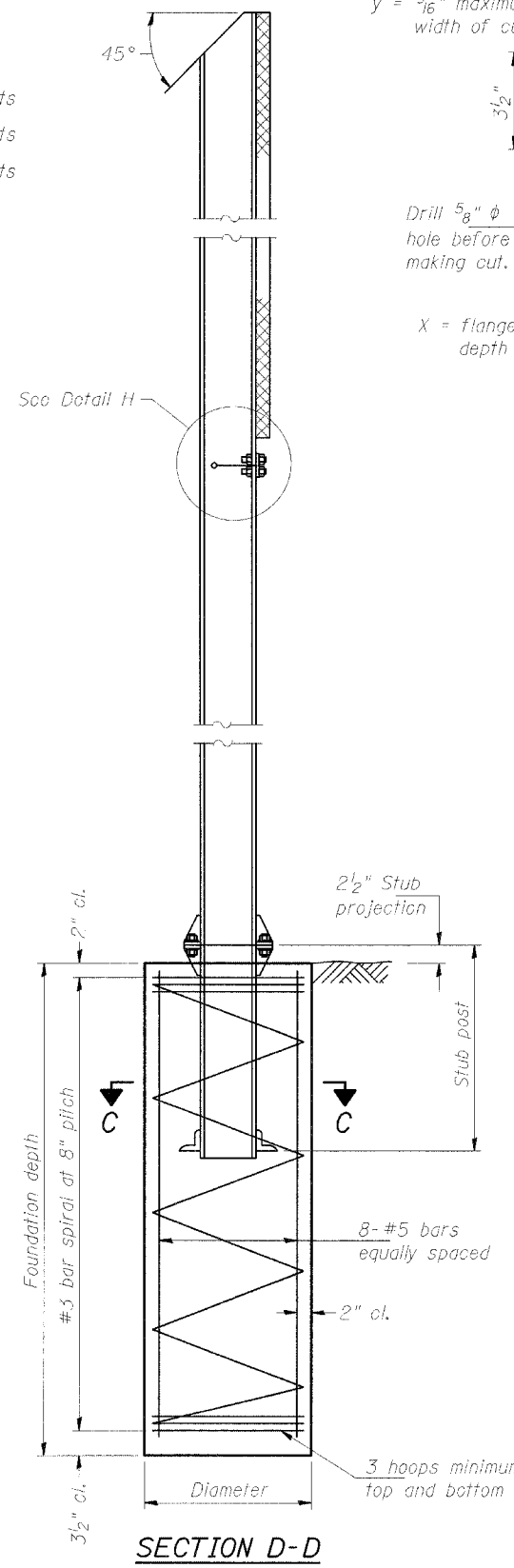
DETAIL H



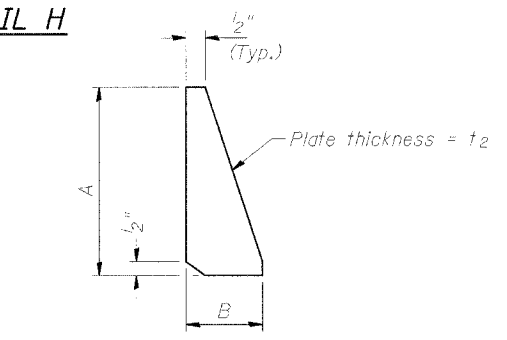
ELEVATION SIGN POST & STUB POST



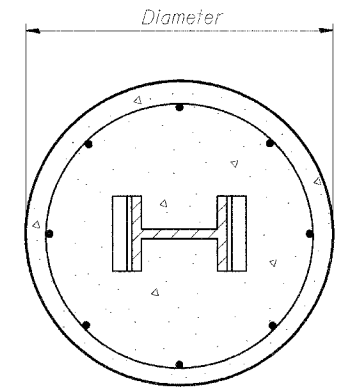
LOCATION SKETCH



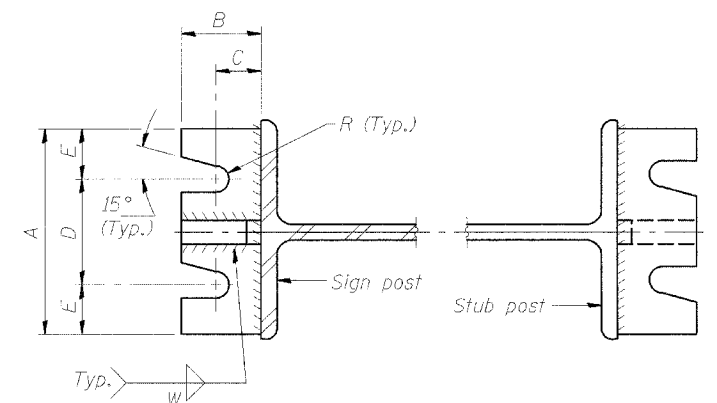
SECTION D-D



STIFFENER PLATE DETAIL

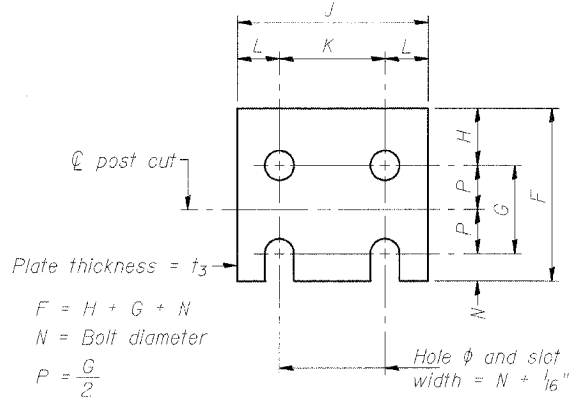


SECTION C-C



SECTION A-A

SECTION B-B



FUSE PLATE DETAIL

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

GENERAL NOTES

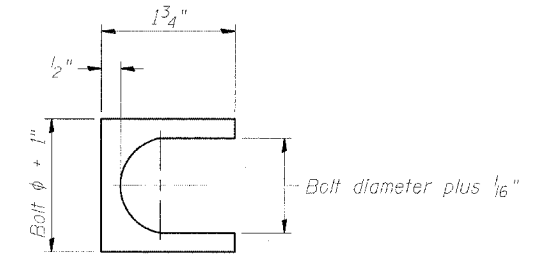
Posts shall be plumbed by using shims with post to stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 505.01(f)(3), and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
 Structural steel - 20,000 p.s.i.
 Reinforcing steel - 20,000 p.s.i.
 Concrete - 1,400 p.s.i.
 Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6" (Minimum) of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.



SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

NUMBER	REVISION	DATE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION BREAK-AWAY WIDE FLANGE STEEL POST DETAIL FAI-57, FAS 642 SEC NO. 15-23K, 99-00124-02-PV COLES COUNTY, ILLINOIS
NAME	DATE	
		SCALE: NOT TO SCALE DATE 07/13/2005 DRAWN BY DJP CHECKED BY SKM

BAW-A-1 (Sheet 1 of 2)



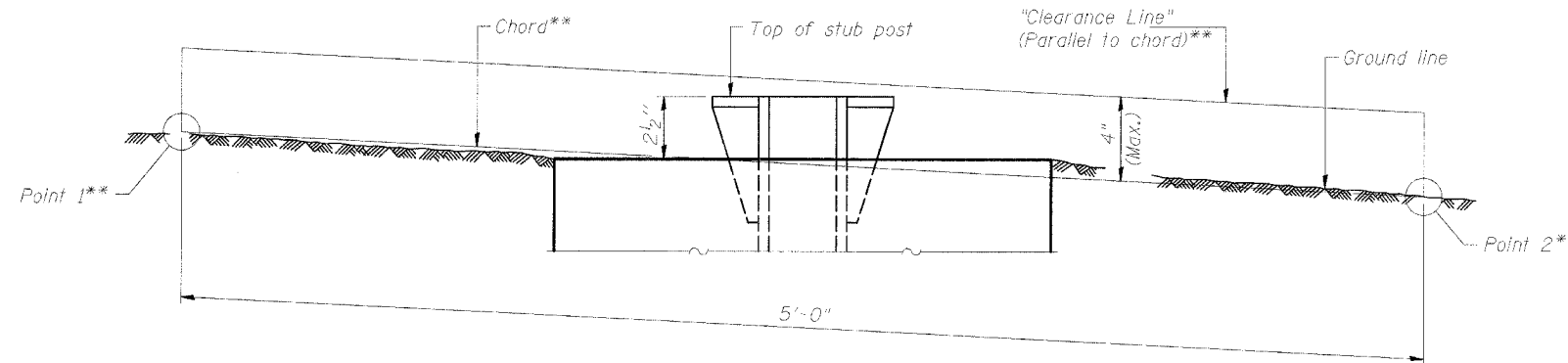
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 LAYOUT DJP 01/19/04
 DRAWN DJP 01/19/04
 REVIEWED JMM 01/22/04

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	89
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation			Reinforcement				Stub Post Length	Bolt Size	A	B	C	D	E	t ₁	t ₂	R	W	J	K	L	t ₃
	Diameter	*Minimum Depth	Concrete (cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length	lbs. (2)															
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3 1/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/2"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/2"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 3/2"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-3"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-9"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 1 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 1 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE												
	Sign Depth												
	1'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	5/8" x 1 3/4"	5/8" x 1 3/4"	5/8" x 1 3/4"	---	---	---	---	---	---	---
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	7/8" x 2"	7/8" x 2"	---	---	---
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	7/8" x 2 1/4"	1" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1 1/8" x 3"
W12x26	---	---	---	---	---	5/8" x 2 1/4"	---	---	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	7/8" x 2 1/2"	1" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"
W14x38	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	1" x 2 1/2"	1" x 2 1/2"	1" x 2 3/4"
W16x45	---	---	---	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"



ELEVATION
GROUND LINE & STUB POST

**For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- ① Quantity includes all concrete necessary for one foundation.
- ② Includes reinforcement bars and spiral hooping for one foundation.

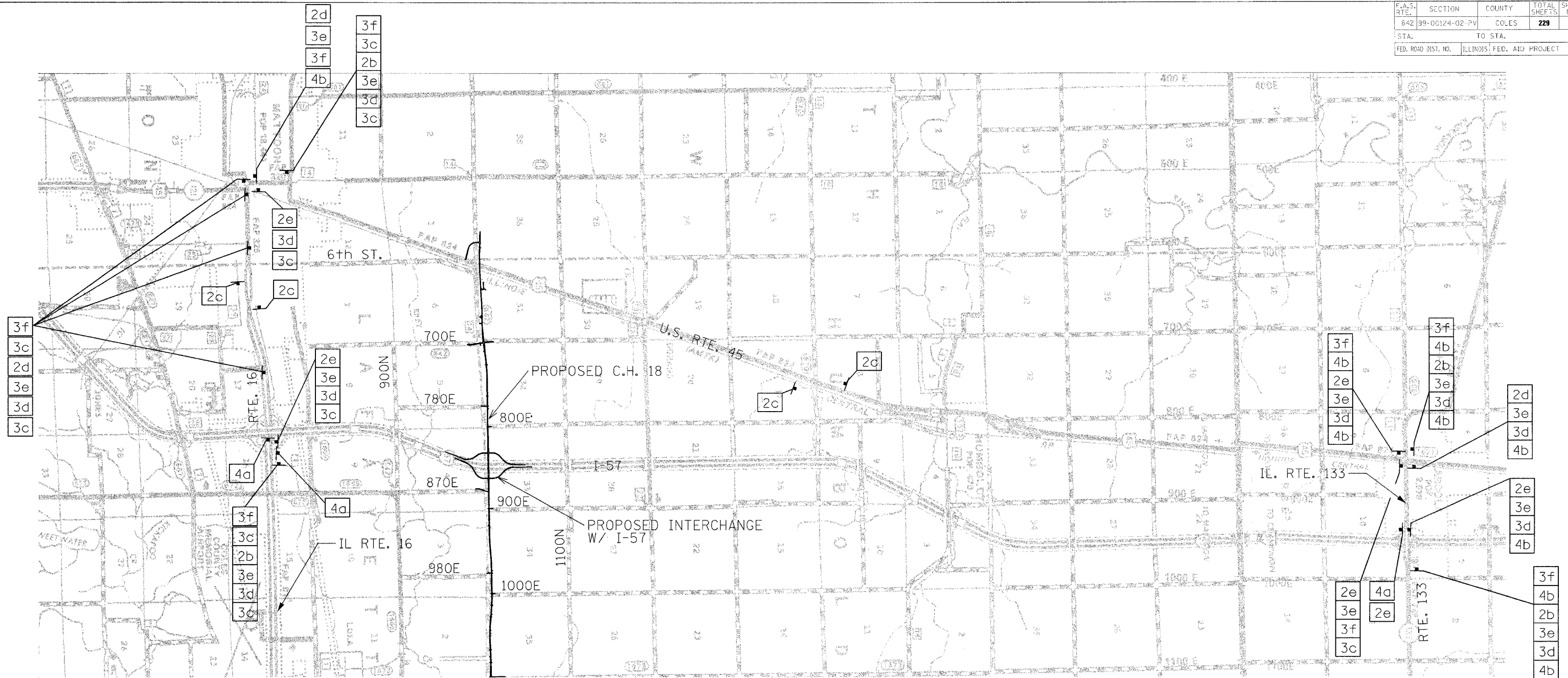
NUMBER	REVISION	DATE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION BREAK-AWAY WIDE FLANGE STEEL POST DETAIL FAI-57, FAS 642 SEC NO. 15-23K, 99-00124-02-PV COLES COUNTY, ILLINOIS
NAME	DATE	

SCALE: NOT TO SCALE
DATE 07/13/2005
DRAWN BY DJP
CHECKED BY SKM

BAW-A-2 (Sheet 2 of 2)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	90
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



NOTE: SEE SPECIAL PROVISIONS FOR INTERSTATE CLOSURE USING EXIT RAMP.

- 3f 36"x36"
- 2e 48"x18"
- 2d 48"x18"
- 2c 30"x15"
- 2b 36"x36"
- 2a 36"x36"
- 3e 30"x15"
- 3d 36"x36"
- 3c 30"x15"
- 4b 30"x15"
- 3b 30"x30"
- 3a 36"x18"
- 4a 4'(MIN.) x 5'(MIN.)



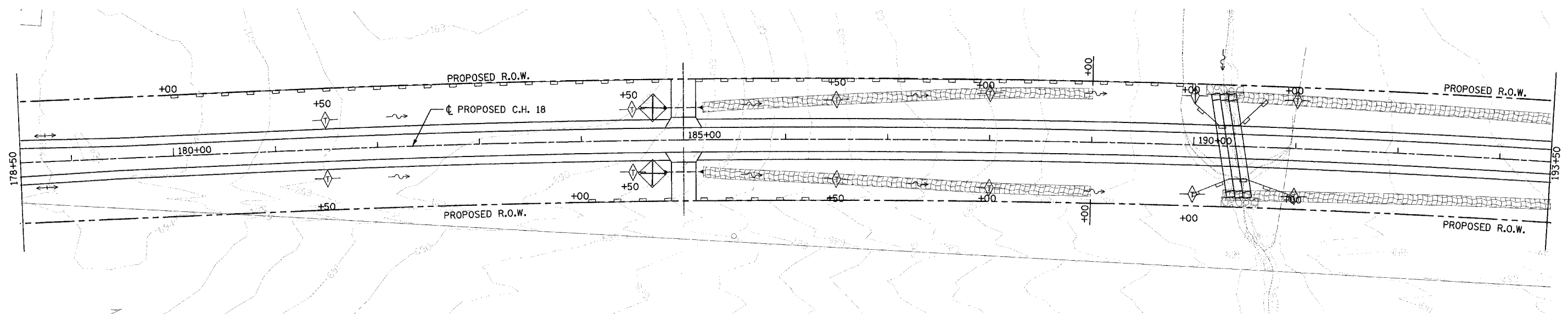
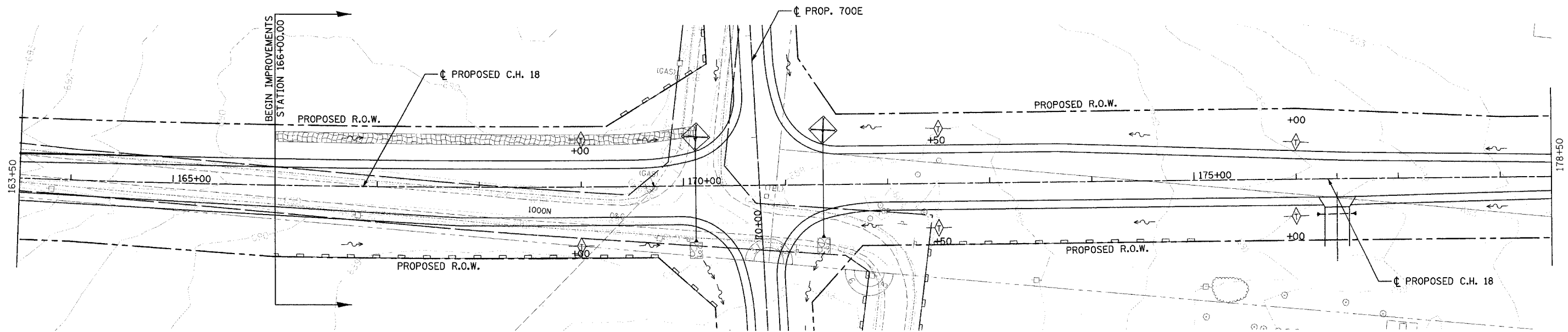
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DETOUR PLAN FOR CLOSURE OF FAI 57
		FAI-57, FAS 642
		SEC NO. 15-23K, 99-00124-02-PV
		COLES COUNTY, ILLINOIS
		SCALE: NOT TO SCALE
		DATE: 07/13/2005
		DRAWN BY: DJP
		CHECKED BY: SKM

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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	91
STA. 166+00.00		TO STA. 193+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'	2016
	0	2205'	0
	18	0'	0
	4	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 116 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. - 1"=50'
 DATE 07/13/2005

DRAWN BY JAP
 CHECKED BY SKM

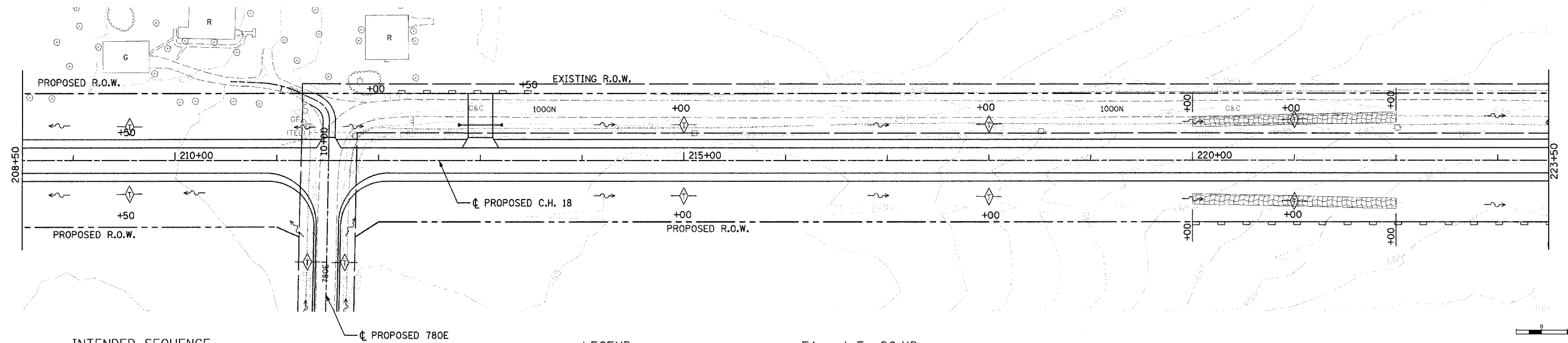
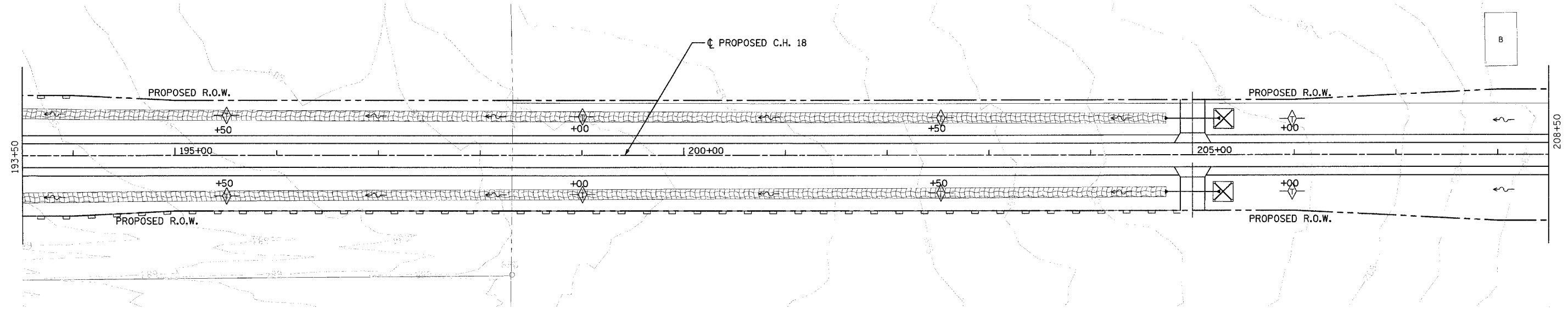


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07/13/2005
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LAYOUT	SKM	03/19/03
DRAWN	JAP	03/31/03
REVISIONS	SKM	04/01/03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	92
STA. 193+50.00		TO STA. 223+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'	2942
	0	1700'	0
	16	0'	0
	2	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 116 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. - 1"=50'
 DATE 07/13/2005

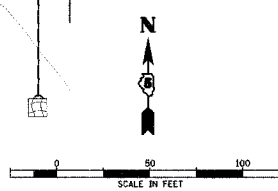
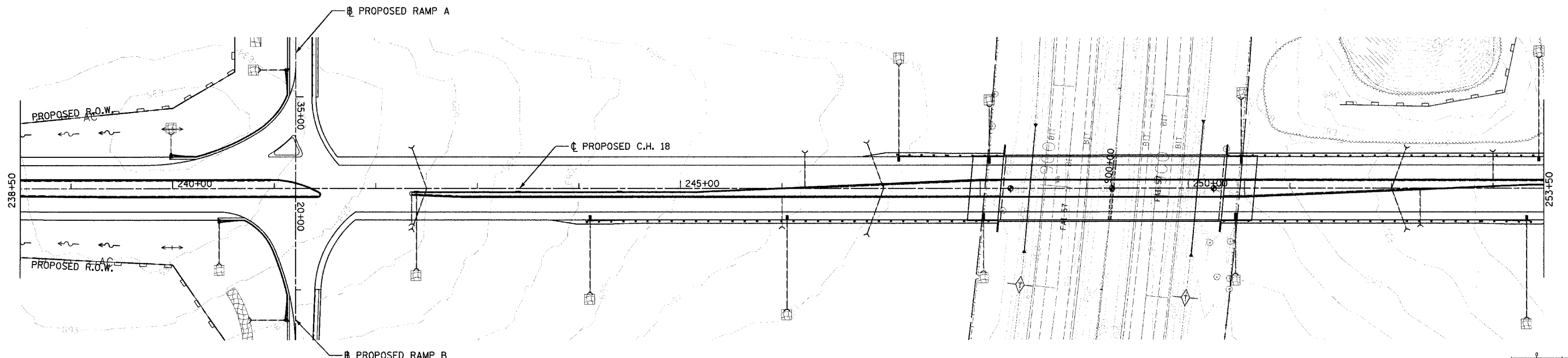
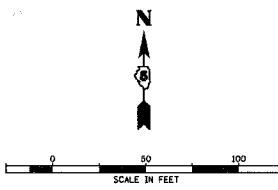
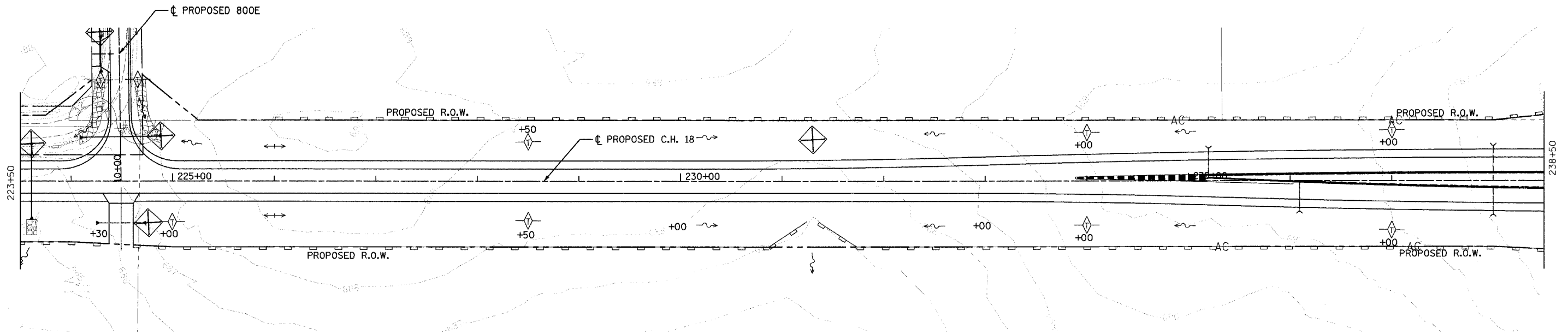
DRAWN BY JAP
 CHECKED BY SKM



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LAYOUT B.B. 03/19/03
 DRAWN D.P./JAP 03/17/03
 REVISIONS S.M. 03/07/03
 07/13/2005
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	93
STA. 223+50.00	TO STA. 253+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

	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'	145'
0	3450'	0
9	0'	0
4	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 116 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

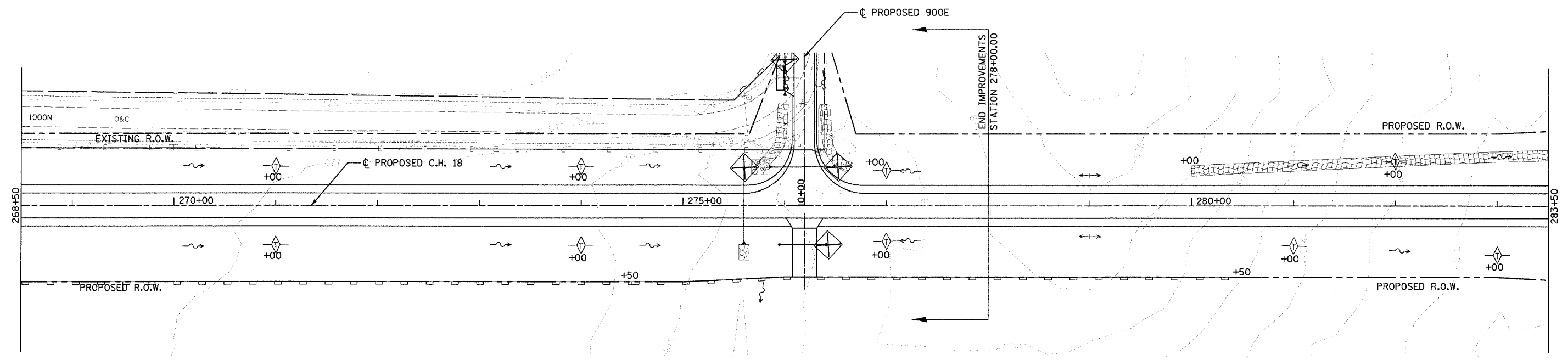
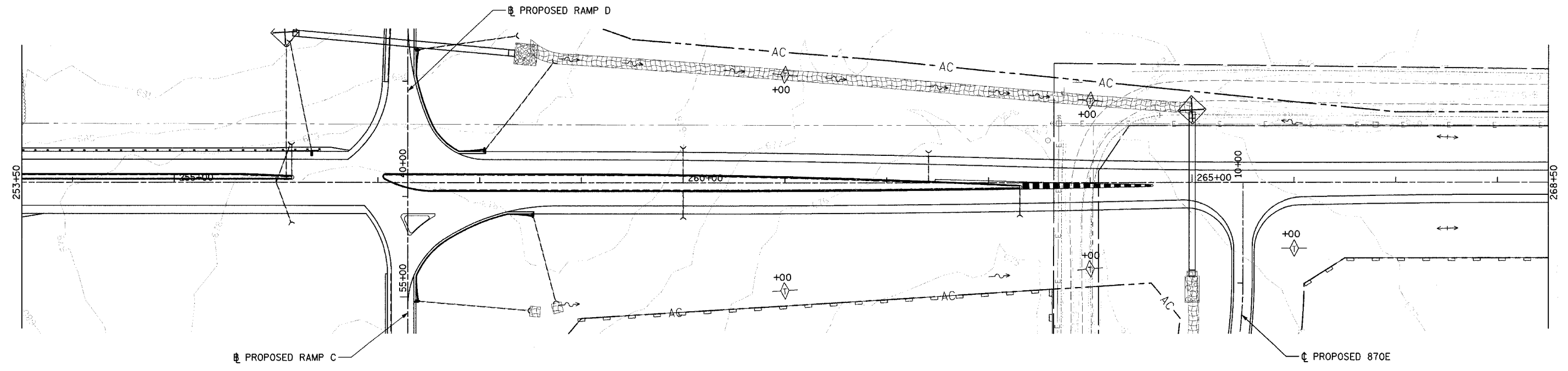
ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLAN
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-03-PV
 COLES COUNTY, ILLINOIS
 SCALE: HORIZ. - 1"=50'
 DATE 07/13/2005
 DRAWN BY JAP
 CHECKED BY SKM

07/13/2005
 BUB 02/19/03
 JAP/JAP 02/23/03
 SKM 04/02/03
 07/13/2005
 JAP/JAP 02/23/03
 SKM 04/02/03
 07/13/2005
 JAP/JAP 02/23/03
 SKM 04/02/03



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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	94
STA. 253+50.00		TO STA. 278+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'	1243
	0	2150'	0
	11	0'	0
	4	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 116 FOR EROSION CONTROL BLANKET DETAIL.

REVISIONS	
NAME	DATE

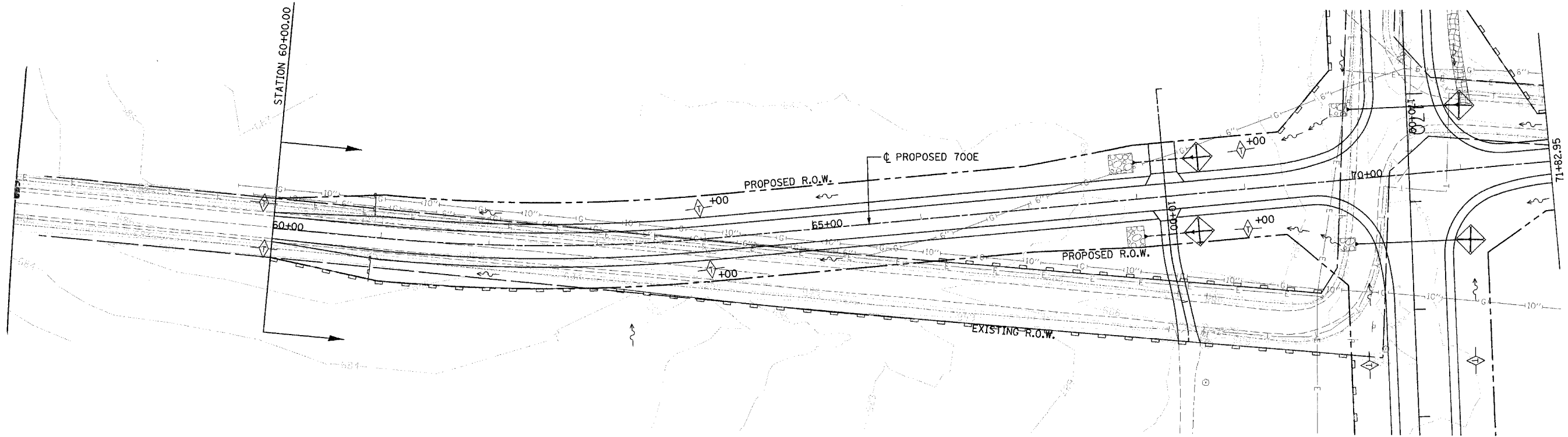
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: HORIZ. - 1"=50'
 DATE 07/13/2005
 DRAWN BY JAP
 CHECKED BY SKM



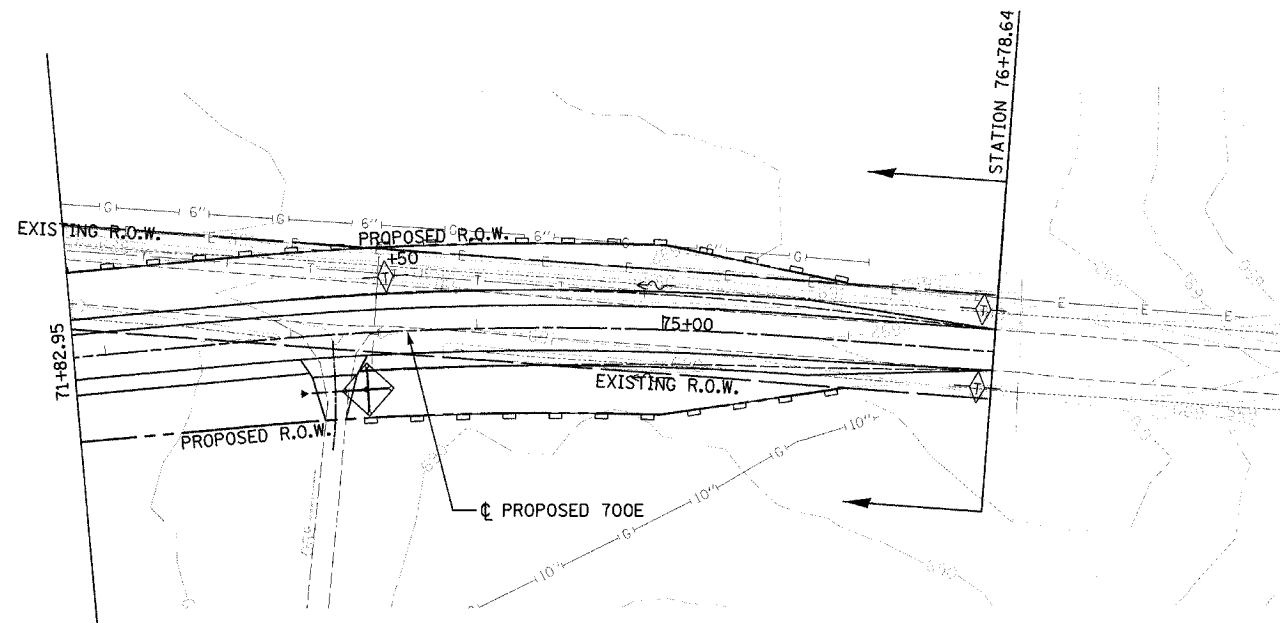
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07/13/2005
 I:\97-1065\97-202\DWG\CONTRACT\EROT4_2.dwg
 LAYOUT BJB 03/19/03
 DRAWN DPT/AF 03/13/03
 REVIEWED SKM 04/01/03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	95
STA. 60+00.00		TO STA. 76+78.64		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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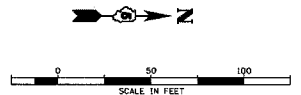
INTENDED SEQUENCE

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

- 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'	0
0	2100'	0
9	0'	0
3	0'	0



REVISIONS	
NAME	DATE

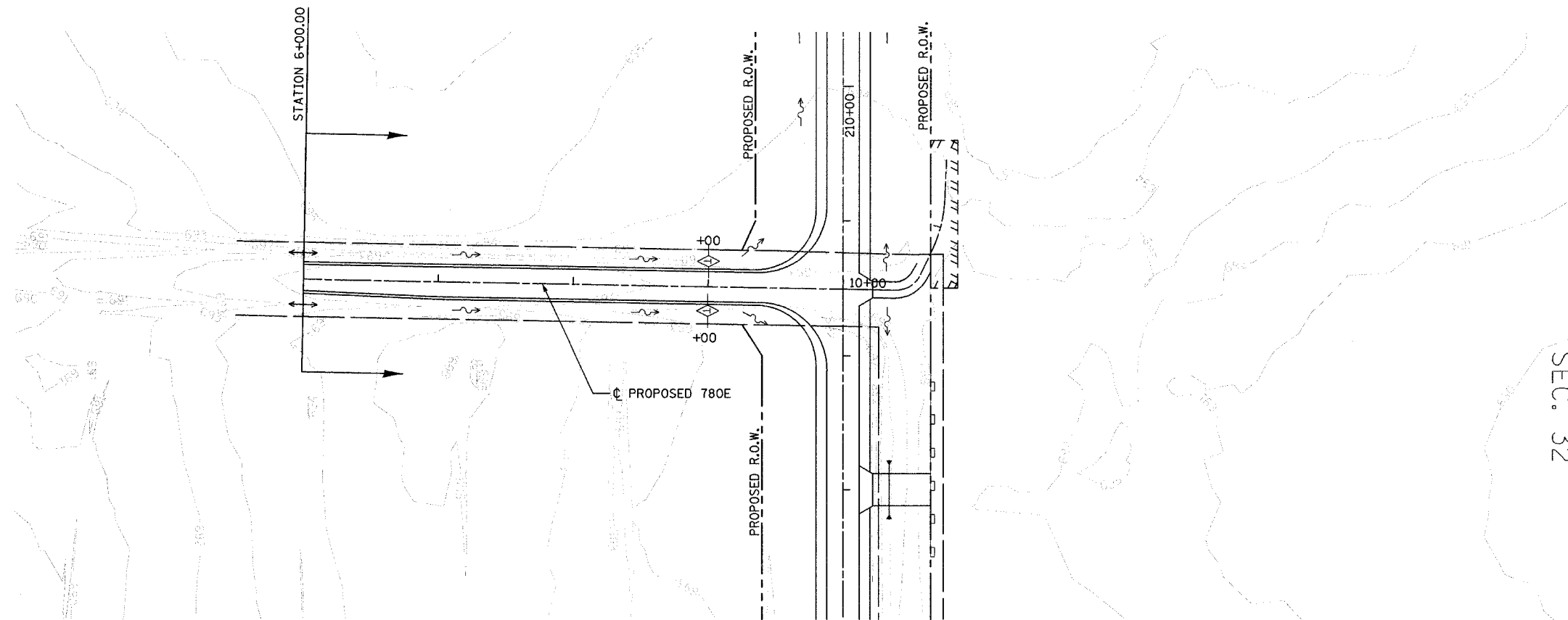
ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLAN
 700E
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. 1"=50'
 DATE 07/13/2005

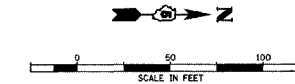
DRAWN BY JAP
 CHECKED BY SKM

07/13/2005
 BJB 03/19/03
 DJP/JAP 03/31/03
 SKM 04/01/03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	96
STA.	6+00.00	TO STA.	10+00.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEC. 32



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	0'	0
	2	0'	0
	0	0'	0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLAN
 780E
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: 1"=50'
 DATE 07/13/2005
 DRAWN BY JAP
 CHECKED BY SKM

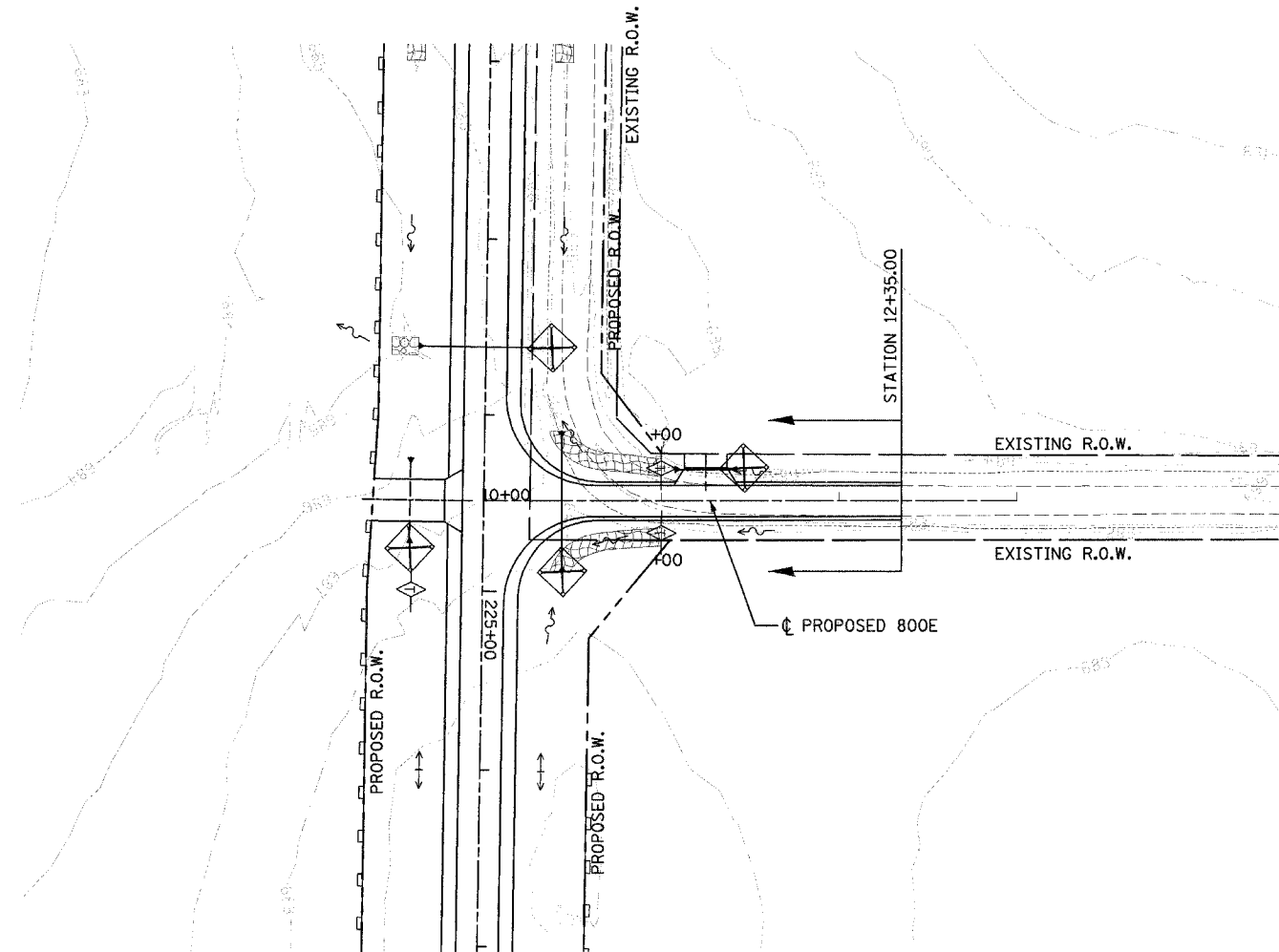
780E STA. 6+00.00 TO STA. 10+00.00



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07/13/2005
 INSTR: 0085597: 62028280NCH\ASH\7780E\ER0102.dgn
 LAYOUT: RLB 03/19/03
 DRAWN: DP/JP 03/31/03
 REVIEWED: SKM 04/01/03

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	97
STA. 10+00.00		TO STA. 12+35.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



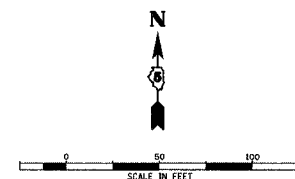
INTENDED SEQUENCE

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'	148
	0	0'	0
	2	0'	0
	1	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 116 FOR EROSION CONTROL BLANKET DETAIL.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 800E
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. 1"=50'
 DATE 07/13/2005

DRAWN BY
 CHECKED BY SKM

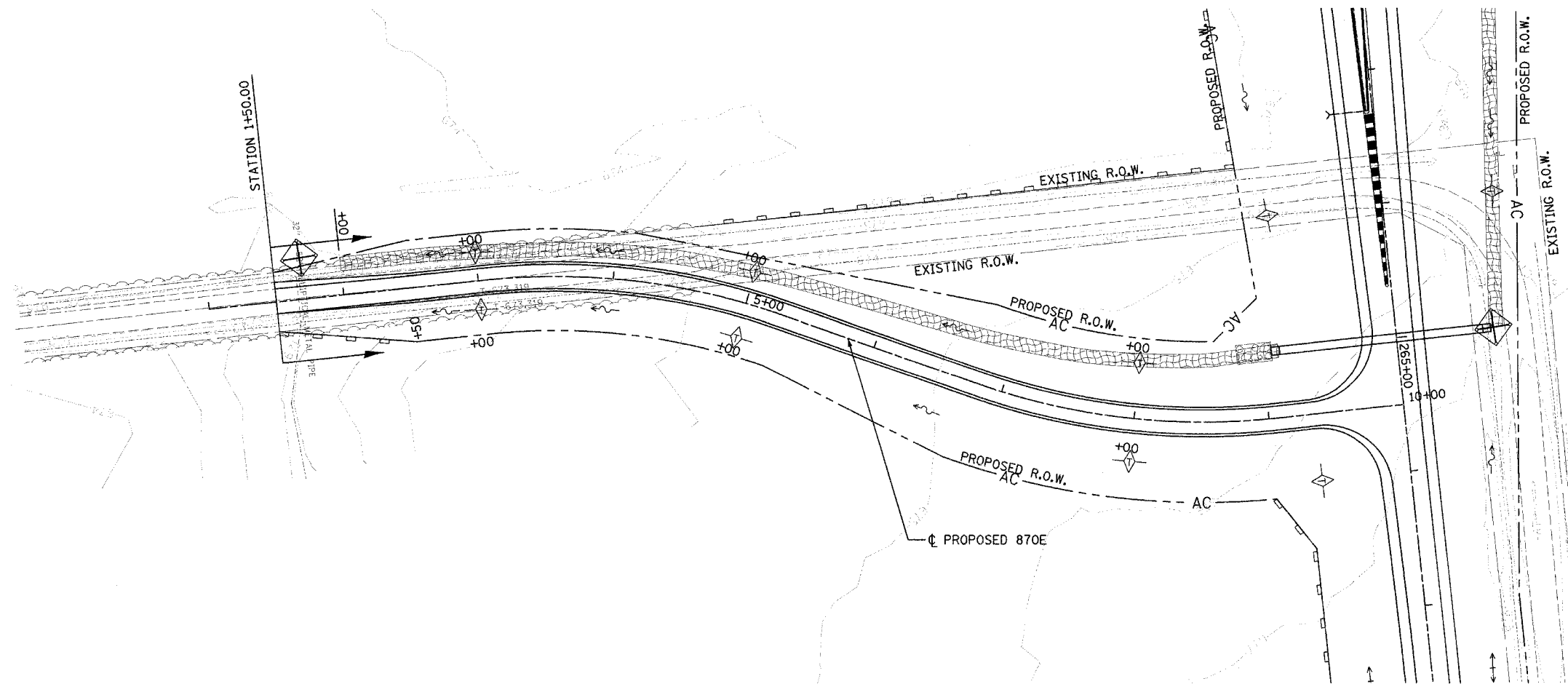
800E STA. 10+00.00 TO STA. 12+35.00



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07/13/2005
 EUB 03/19/03
 BJB/JAP 02/21/03
 SKM 04/01/03
 I:\97 JOBS\97 620280\CH\SW\800E-800E.P000.dgn

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	98
STA. 1+50.00		TO STA. 10+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



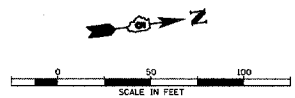
INTENDED SEQUENCE

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'	782
	0	600'	0
	6	0'	0
	1	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 116 FOR EROSION CONTROL BLANKET DETAIL.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
 870E
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: HORIZ. 1"=50'
 DATE 07/13/2005

DRAWN BY
 CHECKED BY SKM

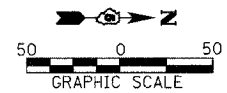
870E STA. 1+50.00 TO STA. 10+00.00



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LAYOUT: BJS 03/19/03
 DRAWN: BJP/JAF 03/31/03
 REVIEWED: SKM 04/01/03
 07/13/2005
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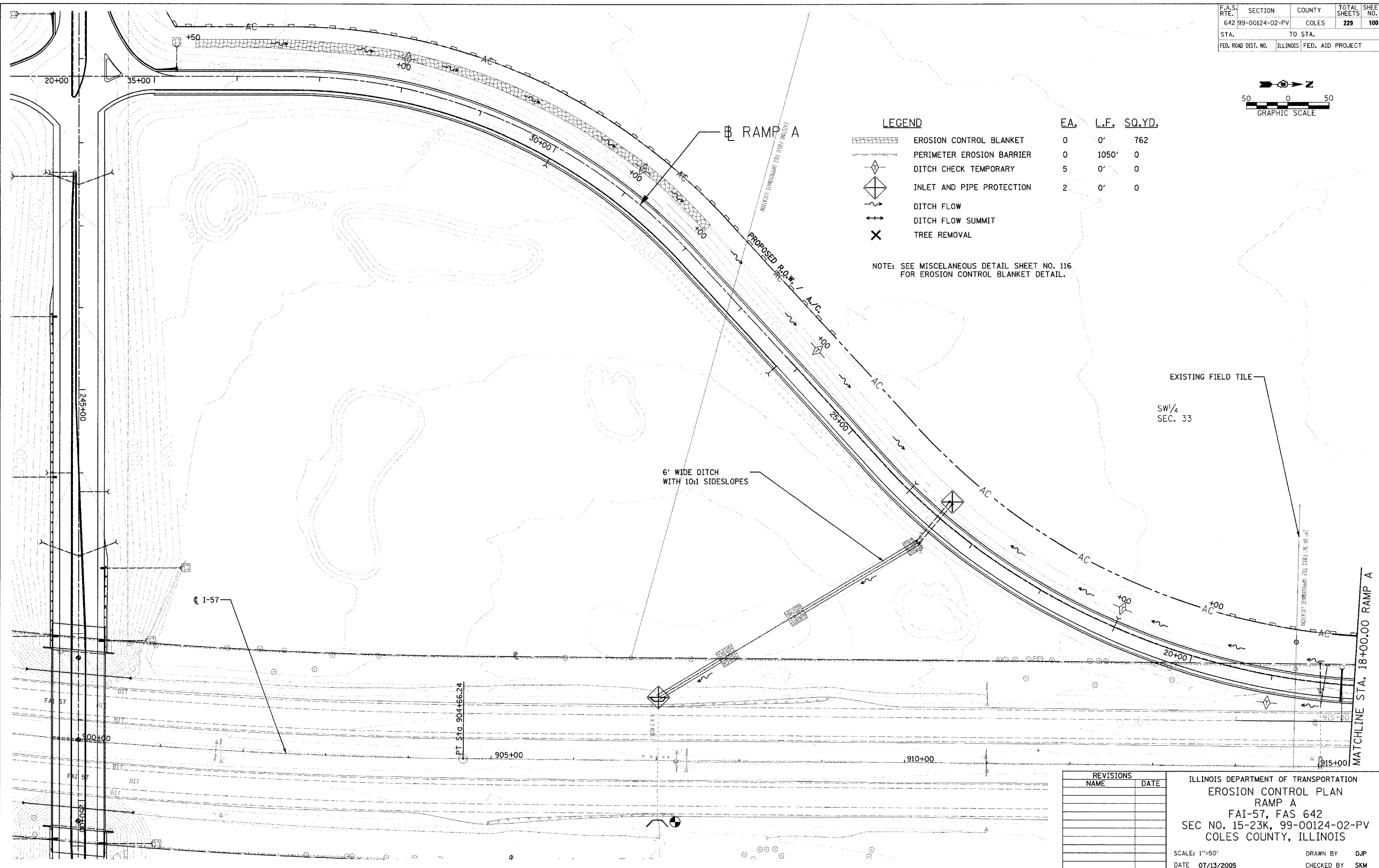
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	100
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

	EA.	L.F.	SQ.YD.
	0	0'	762
	0	1050'	0
	5	0'	0
	2	0'	0

NOTE: SEE MISCELLANEOUS DETAIL SHEET NO. 116 FOR EROSION CONTROL BLANKET DETAIL.



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LAYOUT: P:\P\54\03\28\03 07/13/2005
 DRAWN: D.P. 04/28/03
 REVISION: L.M. 05/07/03
 I:\97\JOBS\97-62028\DWG\TAMP-A-ERO.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 EROSION CONTROL PLAN
 RAMP A
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS

SCALE: 1"=50'
 DATE 07/13/2005

DRAWN BY: DJP
 CHECKED BY: SKM

MATCHLINE STA. 18+00.00 RAMP A