

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	283	283	1

301 Total Sheets

FOR INDEX OF SHEETS AND LIST OF STANDARDS  
SEE SHEETS 2 AND 3

VILLAGE OF PALATINE  
VILLAGE OF INVERNESS

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

## DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

### FAP ROUTE 343 (IL ROUTE 68), DUNDEE RD OVER CN&W (UP RR) AND US 14

### BRIDGE REPLACEMENT & INTERCHANGE RECONSTRUCTION

### SECTION 70D-Y-B-R & 70HB-R-1

### PROJECT: *BRF-F-0343(015)*

### COOK COUNTY

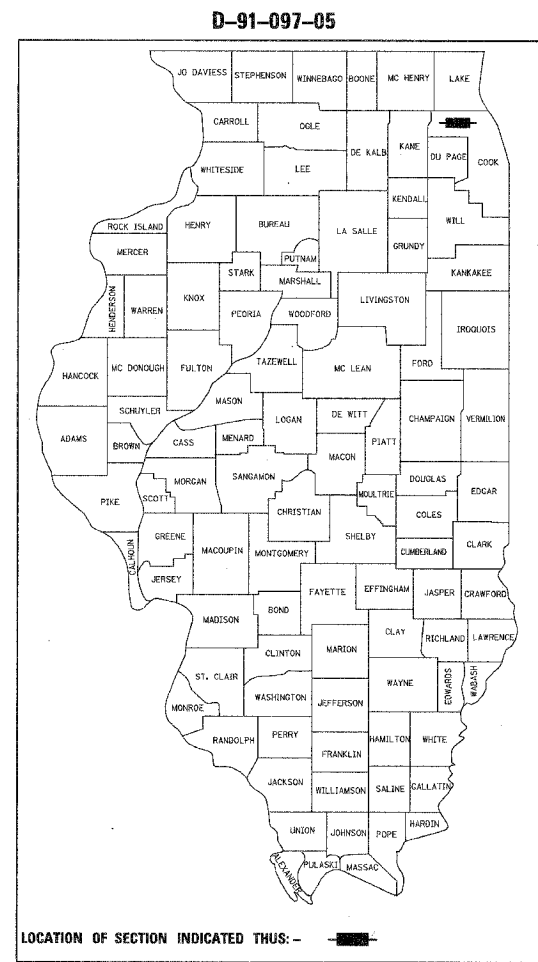
### C-91-097-05

#### DESIGN DESIGNATION

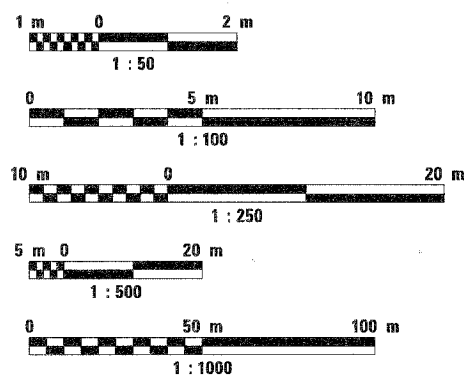
IL ROUTE 68  
POSTED SPEED: 60 KM/H

#### TRAFFIC DATA

ADT 21,800 (2003)  
ADT 24,000 (2030)  
2298 (17) PRINCIPAL  
ARTERIAL 8.31 (PCC-20)



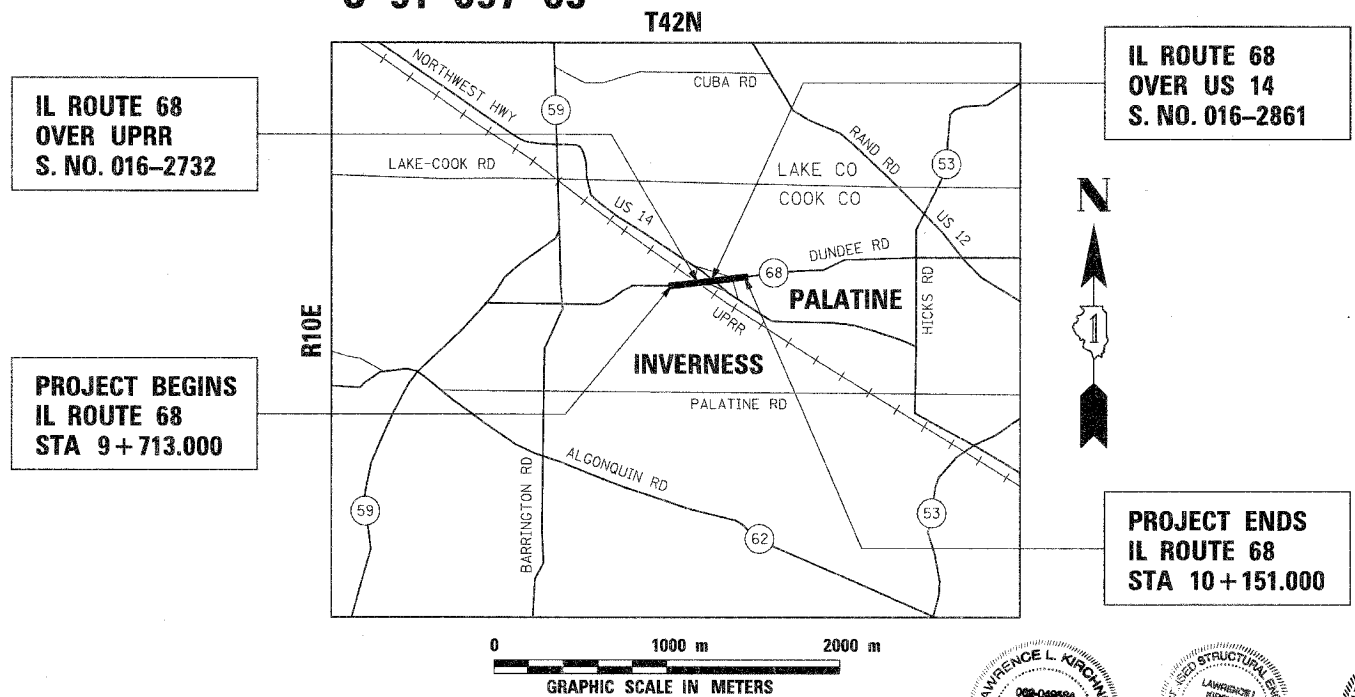
#### METRIC RATIOS



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

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

CONTRACT NO. 62897



GROSS LENGTH OF IMPROVEMENT ——— 438 m  
NET LENGTH OF IMPROVEMENT ——— 438 m

LAURENCE L. KIRCHNER  
REGISTERED PROFESSIONAL ENGINEER  
OF ILLINOIS  
8/23/06  
Expires: 11/30/2007  
STRUCTURAL PLANS

ILLINOIS REGISTERED PROFESSIONAL ENGINEER  
OF ILLINOIS  
8/23/06  
Expires: 11/30/2007  
LIGHTING & TRAFFIC SIGNALS

THOMAS A. BERMAN  
REGISTERED PROFESSIONAL ENGINEER  
OF ILLINOIS  
8/23/06  
Expires: 11/30/2007  
LIGHTING & TRAFFIC SIGNALS

SEAL

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *October 25 20 06*

*Diane O'Keefe / cat*  
DISTRICT ENGINEER

*December 8, 20 06*  
*Eric E. Garmy*  
ENGINEER OF DESIGN AND ENVIRONMENT

*December 8, 20 06*  
*Milton R. Sauer, P.E.*  
DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

DISTRICT ONE CONSULTATION PROJECT MANAGER RAJENDRA SHAH - (847) 705-4555

# INDEX OF SHEETS

# STATE STANDARDS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	2
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* TOD-Y-B-R & 70HB-R-1				6289T

1	COVER SHEET	000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
2-3	INDEX OF SHEETS, STATE STANDARDS, DISTRICT STANDARDS, GENERAL NOTES.	001001-01	AREAS OF REINFORCEMENT BARS
4-9	SUMMARY OF QUANTITIES	280001-03	TEMPORARY EROSION CONTROL SYSTEM
10-16	SCHEDULE OF QUANTITIES	420001-06	PAVEMENT JOINTS
17-21	TYPICAL SECTIONS	420111-01	PCC PAVEMENT ROUNDOUTS
22	ALIGNMENT TIES AND BENCHMARKS	420201-06	ENTRANCE RAMP TERMINAL
23-26	EXISTING PLAN AND REMOVALS	420301-03	EXIT RAMP TERMINAL
27-33	PROPOSED PLAN AND PROFILE	420401-05	BRIDGE APPROACH PAVEMENT
34	ACCESS DRIVE	482006-02	BITUMINOUS SHOULDER ADJACENT TO RIGID PAVEMENT
35	STAGE CONSTRUCTION GENERAL NOTES	483001-03	PCC SHOULDER
36	MAINTENANCE OF TRAFFIC DETOUR ROUTE	515001-02	NAME PLATE FOR BRIDGES
37-38	MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTION
39	MAINTENANCE OF TRAFFIC - SIGN DETAILS	542311	GRATING FOR CONCRETE FLARED END SECTION
40	MAINTENANCE OF TRAFFIC PRESTAGE BEAM REPLACEMENT - UPRR BRIDGE	542546	FLUSH INLET BOX FOR MEDIAN
41-64	MAINTENANCE OF TRAFFIC - PLANS	542606	REINFORCED CONCRETE PIPE TEE
65-76	TEMPORARY EROSION CONTROL PLANS	602001	CATCH BASIN, TYPE A
77-84	PROPOSED DRAINAGE PLANS	602011	CATCH BASIN, TYPE C
85-88	PLATS OF HIGHWAYS	602301-03	INLET, TYPE A
89	SUPERELEVATION TRANSITION DETAIL	602401-01	MANHOLE, TYPE A
90-91	INTERSECTION LAYOUT DETAILS	602701-01	CAST IRON STEPS
92-93	INTERSECTION ELEVATION DETAILS	604001-02	FRAME AND LIDS, TYPE I
94-95	TERMINAL ELEVATION DETAILS	604036-01	GRATE, TYPE B
96	BUTT JOINT DETAILS	604091-01	FRAME AND GRATE, TYPE 24
97-98	OUTLET TYPE I (MODIFIED) FOR TYPE B GUTTER	606001-03	CONCRETE CURB, TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
99	TYPE B GUTTER INLET (MODIFIED)	606006-01	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 (B-6.24)
100	JUNCTION CHAMBER (SPECIAL)	606201-01	TYPE B GUTTER (INLET, OUTLET & ENTRANCE)
101-106	BRIDGE APPROACH PAVEMENT DETAILS	606301-03	PC CONCRETE ISLANDS AND MEDIANS
107-112	PAVEMENT MARKING AND LANDSCAPING PLANS	606306-02	CORRUGATED PC CONCRETE MEDIANS
113-125	TRAFFIC SIGNAL PLANS	630001-07	STEEL PLATE BEAM GUARDRAIL
126-144	ROADWAY LIGHTING PLANS	630201-04	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARD RAIL
145-154	NOT USED	630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINAL
155-185C	STRUCTURAL PLANS BRIDGE #016-2732 IL ROUTE 68 OVER UPRR	631011-03	TRAFFIC BARRIER TERMINAL, TYPE 2
186-212	STRUCTURAL PLANS BRIDGE #016-2861 IL ROUTE 68 OVER US ROUTE 14	631031-06	TRAFFIC BARRIER TERMINAL TYPE 6
213-220	STRUCTURAL PLANS - RAMP D RETAINING WALL PLANS	635001	DELINEATOR
221-224X	DISTRICT DETAILS	635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
224Y	TRAFFIC BARRIER TERMINAL, TYPE 2 DETAIL	635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
225	CROSS SECTIONS KEY PLAN	664001-01	CHAIN LINK FENCE
226-283	CROSS SECTIONS	701001-01	OFF-ROAD OPERATIONS, 2L 2W. MORE THAN 4.5 M (15') AWAY

701006-02	OFF-ROAD OPERATIONS, 2L 2W. 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 M (15') AWAY
701201-02	LANE CLOSURE, 2L 2W, DAY ONLY, FOR SPEEDS > OR = 45 MPH
701301-02	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS,
701306-01	LANE CLOSURE, 2L 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > OR = 45 MPH
701311-02	LANE CLOSURE, 2L 2W, MOVING OPERATIONS DAY ONLY
701326-02	LANE CLOSURE, 2L 2W, PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH
701606-04	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-04	URBAN LANE CLOSURE, MULTILANE INTERSECTION
702001-06	TRAFFIC CONTROL DEVICES
704001-03	TEMPORARY CONCRETE BARRIER
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
720011	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
720016-01	MAST ARM MOUNTED STREET NAME SIGNS
729001	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
805001	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-01	CONCRETE HANDHOLES
814006-01	DOUBLE HANDHOLES
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
877001-02	STEEL MAST ARM ASSEMBLY AND POLE
877011-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
878001-05	CONCRETE FOUNDATION DETAILS
880001	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006	TRAFFIC SIGNAL MOUNTING DETAILS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUTS FOR DETECTOR LOOPS

224Y. TRAFFIC BARRIER TERMINAL, TYPE 2 DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68

INDEX OF SHEETS  
STATE STANDARDS

SCALE NTS  
DATE OCTOBER, 2006

DRAWN BY GRH  
CHECKED BY PK

Rev. 1-8-07

Rev.

# DISTRICT ONE DETAILS

- BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB
- BD-02 DRIVEWAY DETAILS - DISTANCE BETWEEN ROW AND FACE OF CURB
- BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER
- BD-22 PAVEMENT PATCHING FOR BITUMINOUS TAPER DETAILS
- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND BITUMINOUS TAPER DETAILS
- BD-34 DETAILS FOR STEEL PLATE BEAM GUARDRAIL ADJACENT TO CURB AND GUTTER AND STABILIZATION AT TBT TY. 1 SPL.
- BD-36 FIRE HYDRANTS TO BE MOVED
- BD-51 BENCHING CONSTRUCTION DETAIL
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
- TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC-18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
- TC-22 TEMPORARY INFORMATION SIGNING
- TS-05 DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS (SHEET 1)
- TS-07 DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING
- BE-215 LIGHTING CONTROLLER SINGLE DOOR
- BE-220 ELECTRIC SERVICE INSTALLATION, AERIAL REMOTE DISCONNECT
- BE-301 LIGHT POLE FOUNDATION 12.192M (40') TO 14.478M (47'6") M.H. 381 (15") BOLT CIRCLE
- BE-330 LIGHT POLE MOUNTED ON CONCRETE PARAPET WALL
- BE-400 ALUMINUM LIGHT POLE 14.478M (47'6") MOUNTING HEIGHT
- BE-701 LUMINAIRE SAFETY CABLE ASSEMBLY
- BE-702 MISC. ELECTRICAL DETAILS SHEET A
- BE-800 TEMPORARY LIGHT POLE DETAILS
- BE-801 TEMPORARY AERIAL CABLE INSTALLATION
- BE-900 SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS

# GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. IN ADDITION, THE CONTRACTOR SHALL CONTACT THE VILLAGE OF PALATINE, VILLAGE OF INVERNESS AND COOK COUNTY HIGHWAY DEPARTMENT FOR FIELD LOCATIONS OF WATER MAIN, SANITARY SEWER, ELECTRIC, AND ALL MUNICIPAL UTILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE VILLAGE OF PALATINE, VILLAGE OF INVERNESS AND FOREST PRESERVE DISTRICT OF COOK COUNTY.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
4. 3 METER (10 FOOT) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO THE EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
5. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED. (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) TYPE III BARRICADES SHALL HAVE FOUR (4) WEIGHTED SANDBAGS.
6. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
7. ALL STORM SEWER CONNECTIONS WITH PIPES 675 mm (27") DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 675 mm (27") DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST TEE AND WYE CONNECTIONS FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF STORM SEWER.
8. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
9. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HIRE AN ENVIRONMENTAL FIRM THAT IS PREQUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT. THE PREQUALIFIED CONSULTANT MUST CONTINUOUSLY MONITOR ALL SOIL EXCAVATION AT SEVERAL LOCATIONS DURING EXECUTION OF THIS CONTRACT.
10. ALL TEMPORARY SHEET PILING NECESSARY FOR THE PLACEMENT OF STORM SEWER, SANITARY SEWER, AND WATERMAIN SHALL BE INCLUDED IN THE COST OF THE ITEM BEING INSTALLED.
11. APPROXIMATELY 1,305 METERS OF FULL-DEPTH SAWING IS REQUIRED TO SATISFACTORILY REMOVE THE EXISTING PAVEMENT AND DRIVEWAYS. THE COST OF THE FULL-DEPTH SAWING SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
12. PAVEMENT ROUND-OUTS FOR DRAINAGE AND UTILITY STRUCTURES LOCATED WITHIN THE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON HIGHWAY STANDARD 420111. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) OF THE THICKNESS SPECIFIED.
13. THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE, 300MM UNDER THE SHOULDER SHALL BE INCLUDED IN THE COST FOR AGGREGATE SUBGRADE, 300MM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
14. ESTIMATED VOLUME OF CONCRETE TO BE REMOVED FROM EXISTING IL 68 OVER US 14 STRUCTURE = 551 CU M AND WEIGHT OF STRUCTURAL STEEL TO BE REMOVED = 196490 KG.
15. ESTIMATED VOLUME OF CONCRETE TO BE REMOVED FROM EXISTING IL 68 OVER UPRR STRUCTURE = 698 CU M AND 985 SQ M OF PPC DECK BEAMS.
16. TWO WEEKS BEFORE STARTING PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE CONTRACTOR SHALL CONTACT WALTER CZARNY, TRAFFIC F.E., AT (773) 685-8386.
17. BEFORE STARTING THE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT IDOT BUREAU OF MAINTENANCE, ROADSIDE DEVELOPMENT UNIT, MELISSA DEL ROSARIO AT (847) 705-4171 FOR THE PROTECTION OF THE EXISTING LANDSCAPING.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	3
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		

16.

BITUMINUS MIXTURE REQUIREMENTS CHART			
MIXTURE USE	AC Type	MAX RAP %	VOIDS
IL RTE 68 & RAMPS			
SABILIZED SUB-BASE, SUPERPAVE, 115mm	PG 58-22	50%	2% @ 30 GYR
SHOULDER			
BITUMINOUS SHOULDER SUPERPAVE 260MM	PG 58-22	50%	2% @ 30 GYR
BITUMINOUS SHOULDER SUPERPAVE 150MM	PG 58-22	50%	2% @ 30 GYR
TEMPORARY PAVEMENT			
BITUMINOUS BASE COURSE SUPERPAVE 200MM HMA BINDER IL-19MM	PG 58-22	25%	4% @ 50 GYR
BITUMINOUS CONCRETE SURFACE, SUPERPAVE, MIX "D", N50	PG 64-22	10%	4% @ 70 GYR
ACCESS ROAD			
BITUMINOUS CONCRETE SURFACE, SUPERPAVE, MIX "D", N70	PG 64-22	10%	4% @ 70 GYR
BITUMINOUS BASE COURSE SUPERPAVE 200MM HMA BINDER IL-19MM	PG 58-22	25%	4% @ 50 GYR
IL RTE 68 BUTT JOINTS & DRIVEWAY			
BITUMINOUS CONCRETE SURFACE, SUPERPAVE, MIX "D", N70	PG 64-22	10%	4% @ 70 GYR
DRIVEWAY			
BITUMINOUS BASE COURSE SUPERPAVE 150MM HMA BINDER IL-19MM	PG 58-22	25%	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE BITUMINOUS SURFACE MIXTURES IS 2.4Kg/SqM/mm.

**NO COMMITMENTS FOR THIS PROJECT**

NOTE: BOXED ITEMS INDICATE WORK NOT PAID FOR SEPARATELY, BUT INCLUDED AS PART OF ANOTHER PAY ITEM OR COST ASSOCIATED WITH THE CONTRACT.

Rev. 1-9-07

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  DISTRICT ONE DETAILS, GENERAL NOTES AND COMMITMENTS
NAME	DATE	
		SCALE NTS DATE OCTOBER, 2006
DRAWN BY GRH		CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	4
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* TCD-Y-B-R & 70HB-R-1				62897

SUMMARY OF QUANTITIES											
IL ROUTE 68 @ US 14 IDOT PROJECT # D-91-097-05											
ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY 80% FEO 20% STAKE	ROADWAY J000-2A	STRUCTURE IL 68 OVER US 14 X271-2A	STRUCTURE IL 68 OVER UPRR X171-5B	TRAFFIC SIGNALS Y031-1F	MSE AND RETAINING WALLS Y007	HIGHWAY LIGHTING Y030-1E	100% VILLAGE OF PALATINE Y031-3D	
M2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	165	165							
20101100	TREE TRUNK PROTECTION	EACH	10	10							
M2011000	TEMPORARY FENCE	METER	1,117	1,117							
M2020010	EARTH EXCAVATION	CU M	5,055	5,055							
M2020045	EARTH EXCAVATION (SPECIAL)	CU M	1,085	1,085							
M2021200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU M	2,751	2,240		511					
M2040800	FURNISHED EXCAVATION	CU M	4,590	4,590							
M2070420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU M	584	73		511					
M2080150	TRENCH BACKFILL	CU M	70	70							
M2113100	TOPSOIL FURNISH AND PLACE, 100MM	SQ M	13,833	13,833							
M2113300	TOPSOIL FURNISH AND PLACE, 300MM	SQ M	424	424							
M2500210	SEEDING, CLASS 2A	HA	0.5	0.5							
M2500310	SEEDING, CLASS 4	HA	0.5	0.5							
M2500400	NITROGEN FERTILIZER NUTRIENT	KG	130	130							
M2500500	PHOSPHORUS FERTILIZER NUTRIENT	KG	130	130							
M2500600	POTASSIUM FERTILIZER NUTRIENT	KG	130	130							
M2510105	MULCH, METHOD 1	HA	0.5	0.5							
M2510630	EROSION CONTROL BLANKET	SQ M	5,000	5,000							
M2520110	SODDING, SALT TOLERANT	SQ M	4,258	4,258							
M2520200	SUPPLEMENTAL WATERING	UNIT	553.5	553.5							
28000300	TEMPORARY DITCH CHECKS	EACH	76	76							
M2800250	TEMPORARY EROSION CONTROL SEEDING	KG	140	140							
M2800400	PERIMETER EROSION BARRIER	METER	913	913							
28000500	INLET AND PIPE PROTECTION	EACH	59	59							
M2810125	STONE RIPRAP, CLASS B3	SQ M	17.4	17.4							
M2820200	FILTER FABRIC	SQ M	4.2	4.2							
1 M3120802	STABILIZED SUBBASE-HOT-MIX ASPHALT, 115MM	SQ M	14,662	14,662							
M3510300	AGGREGATE BASE COURSE, TYPE A 300MM	SQ M	55	55							
2 M3550450	HOT-MIX ASPHALT BASE COURSE, 150MM	SQ M	44	44							
3 M3550500	HOT-MIX ASPHALT BASE COURSE, 200MM	SQ M	328	328							
M4060100	BITUMINOUS MATERIALS (PRIME COAT)	LITER	1,071	1,071							
M4060300	AGGREGATE (PRIME COAT)	M TON	1.8	1.8							
4 M4060982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ M	343	343							
M4061005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	M TON	3.1			3.1					
5 M4063340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	M TON	91.1	91.1							
M4202265	PORTLAND CEMENT CONCRETE PAVEMENT 260MM (JOINTED)	SQ M	11,986	11,986							
M4205050	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ M	513	513							
M4205200	PROTECTIVE COAT	SQ M	16,763	16,763							
M4402000	PAVEMENT REMOVAL	SQ M	10,622	10,622							
M4402010	DRIVEWAY PAVEMENT REMOVAL	SQ M	730	730							
M4402040	COMBINATION CURB AND GUTTER REMOVAL	METER	202	202							
M4402060	APPROACH SLAB REMOVAL	SQ M	925	925							
M4402420	MEDIAN REMOVAL	SQ M	652	652							
M4402530	PAVED SHOULDER REMOVAL	SQ M	5,637	5,637							
M4810150	AGGREGATE SHOULDERS, TYPE A 150MM	SQ M	71	71							
6 M4820550	HOT-MIX ASPHALT SHOULDERS, 150MM	SQ M	997	997							
7 M4820660	HOT-MIX ASPHALT SHOULDERS, 260MM	SQ M	975	975							

LISTED ITEMS ARE SHOWN ON THE PLANS AS FOLLOWS:

- 1 - STABILIZED SUB-BASE 115 mm
- 2 - BITUMINOUS BASE COURSE SUPERPAVE 150 mm
- 3 - BITUMINOUS BASE COURSE SUPERPAVE 200 mm
- 4 - BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- 5 - BITUMINOUS CONCRETE SURFACE COURSE, MIX "D", N70
- 6 - BITUMINOUS SHOULDERS SUPERPAVE 150 mm
- 7 - BITUMINOUS SHOULDERS SUPERPAVE 260 mm

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68
NAME	DATE	
		SUMMARY OF QUANTITIES - 1
SCALE NTS	DRAWN BY RDT	CHECKED BY PK
DATE OCTOBER, 2006		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	5
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FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

SUMMARY OF QUANTITIES											
IL ROUTE 68 @ US 14 IDOT PROJECT # D-91-097-05											
ITEM #	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY <i>80% FEB-06 20% 3/27/06</i>	URBAN		R&E		F		F	
				ROADWAY J000-2A	STRUCTURE IL 68 OVER US 14 X271-2A	STRUCTURE IL 68 OVER UPRR X171-5B	TRAFFIC SIGNALS Y031-1F	MSE AND RETAINING WALLS Y007	HIGHWAY LIGHTING Y030-1E	100% VILLAGE OF PALATINE Y031-3D	
M4830260	PORTLAND CEMENT CONCRETE SHOULDERS - 260MM	SQ M	3,694	3,694							
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2		1	1					
M5010570	PROTECTIVE SHEILD	SQ M	3,359		2,468	891					
M5020100	STRUCTURE EXCAVATION	CU M	6,030.1		701	5,279		50.1			
M5030350	CONCRETE STRUCTURES	CU M	391.9		111.2	183.6		97.1			
M5030360	CONCRETE SUPERSTRUCTURE	CU M	673.9		370.6	303.3					
M5030390	BRIDGE DECK GROOVING	SQ M	1,830		1083	747					
M5030450	PROTECTIVE COAT	SQ M	2,711		1,237	1,074		400			
50500305	ERECTING STRUCTURAL STEEL	L SUM	1		0.55	0.45					
50500505	STUD SHEAR CONNECTORS	EACH	5,311		2,409	2,550		352			
* M5070209	UNTREATED TIMBER LAGGING	SQ M	219.2					219.2			
* M5120270	FURNISHING SOLDIER PILES (W SECTION)	METER	383					383			
M5080205	REINFORCEMENT BARS, EPOXY COATED	KG	113,180		53,700	53,140		6340			
50800515	BAR SPLICERS	EACH	1,483		708	775					
M5110100	SLOPE WALL 100 MM	SQ M	638		638						
M5120107	FURNISHING METAL SHELL PILES 305MM	METER	2,672		1,276	1,396					
M5210022	ANCHOR BOLTS M 24	EACH	64		44	20					
M5210024	ANCHOR BOLTS M 36	EACH	20			20					
M5120335	DRIVING PILES	METER	2,672		1,276	1,396					
51203200	TEST PILE METAL SHELLS	EACH	4			2					
M5120900	TEMPORARY SHEET PILING	SQ M	11.9		11.9						
51500100	NAME PLATES	EACH	2		1	1					
M5200225	PREFORMED JOINT STRIP SEAL	METER	65.8			65.8					
52100210	ERECTING ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	21		11	10					
M542E112	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 300MM	EACH	2	2							
M542E116	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 375MM	EACH	4	4							
M542E120	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 450MM	EACH	4	4							
M542E144	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 900MM	EACH	1	1							
M542G055	GRATING FOR CONCRETE FLARED END SECTION 900MM	EACH	1	1							
M542I210	PIPE CULVERTS, TYPE 1 RCCP 375MM	METER	12.3	12.3							
M542I215	PIPE CULVERTS, TYPE 1 RCCP 450MM	METER	23.2	23.2							
M542I240	PIPE CULVERTS, TYPE 1 RCCP 900MM	METER	10.5	10.5							
M5500030	STORM SEWERS, CLASS A, TYPE 1 300MM	METER	15.6	15.6							
M5500040	STORM SEWERS, CLASS A, TYPE 1 375MM	METER	29.2	29.2							
M5500050	STORM SEWERS, CLASS A, TYPE 1 450MM	METER	7.8	7.8							
M5500430	STORM SEWERS, CLASS A, TYPE 2 300MM	METER	39.3	39.3							
M5500440	STORM SEWERS, CLASS A, TYPE 2 375MM	METER	35.5	35.5							
M5500450	STORM SEWERS, CLASS A, TYPE 2 450MM	METER	6.0	6.0							
M5500495	STORM SEWERS, CLASS A, TYPE 2 1050MM	METER	1.6	1.6							
M5500830	STORM SEWERS, CLASS A, TYPE 3 300MM	METER	9.7	9.7							
M5501240	STORM SEWERS, CLASS A, TYPE 4 375MM	METER	3.3	3.3							
⊙ M5504800	STORM SEWERS TO BE CLEANED	METER	312	312							
M5510025	STORM SEWER REMOVAL 300MM	METER	35.4	35.4							

⊙NON-PARTICIPATING  
\*SPECIALTY ITEMS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68	
NAME	DATE		
		SUMMARY OF QUANTITIES - 2	
		SCALE NTS	DRAWN BY RDT
		DATE OCTOBER, 2006	CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	6
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 700-Y-B-R & 70HB-R-1				62897

SUMMARY OF QUANTITIES										
IL ROUTE 68 @ US 14 IDOT PROJECT * D-91-097-05										
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	ROADWAY J000-2A	STRUCTURE IL 68 OVER US 14 X271-2A	BRK STRUCTURE IL 68 OVER IPRR X171-5B	F TRAFFIC SIGNALS Y031-1F	F MSE AND RETAINING WALLS Y007	F HIGHWAY LIGHTING Y030-1E	100% VILLAGE OF PALATINE Y031-3D
M5870300	CONCRETE SEALER	SQ M	57			57				
M5910100	GEOCOMPOSITE WALL DRAIN	SQ M	229		75			154		
M6011100	PIPE UNDERDRAINS FOR STRUCTURES 100MM	METER	109					109		
M6020185	CATCH BASINS, TYPE A, 1.2M DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2						
M6021405	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1						
M6021410	MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	4	4						
60208230	CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	EACH	1	1						
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	3	3						
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1						
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1						
60247900	JUNCTION CHAMBER, SPECIAL	EACH	1	1						
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1						
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3						
60402210	GRATES, TYPE 8	EACH	1	1						
60403500	GRATES, TYPE B	EACH	2	2						
60500050	REMOVING CATCH BASINS	EACH	1	1						
60500060	REMOVING INLETS	EACH	2	2						
M6060010	CLASS SI CONCRETE (OUTLET)	CU M	8.9	8.9						
M6060015	CLASS SI CONCRETE (INLET)	CU M	2.0	2.0						
M6060290	CONCRETE GUTTER, TYPE B	METER	174.2	174.2						
M6060500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30	METER	75.2	75.2						
M6060615	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.45 (MODIFIED)	METER	153.6	153.6						
M6060700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60	METER	424.0	424.0						
M6061005	PIPE UNDERDRAINS, FABRIC LINED TRENCH 100MM	METER	314.0	314.0						
M6062100	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-15.15	METER	19.7	19.7						
M6063600	CONCRETE MEDIAN SURFACE, 100MM	SQ M	55	55						
M6064120	CONCRETE MEDIAN, TYPE SB-15.30 (MODIFIED)	SQ M	5	5						
M6064170	CONCRETE MEDIAN, TYPE SB-15.45 (MODIFIED)	SQ M	110	110						
M6066000	CORRUGATED MEDIAN	SQ M	255	255						
* M6300100	STEEL PLATE BEAM GUARD RAIL, TYPE A	METER	858.8	858.8						
* M6300130	STEEL PLATE BEAM GUARD RAIL, TYPE D	METER	79.8	79.8						
* M6370155	CONCRETE BARRIER, SINGLE FACE, 815 MM HEIGHT	METER	22.8	22.8						
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3						
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	8						
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	5	5						
M6320030	GUARDRAIL REMOVAL	METER	681	681						
M6640100	CHAIN LINK FENCE, 1.2 METER	METER	71	71						
M6640320	CHAIN LINK FENCE, 1.8 METER ATTACHED TO STRUCTURE	METER	107					107		
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	7	7						
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	16	16						
67100100	MOBILIZATION	L SUM	1	1						
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1				1			
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1						
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1				1			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1				1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1				1			

\*SPECIALTY ITEMS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68
NAME	DATE	
		SUMMARY OF QUANTITIES - 3
SCALE NTS	DRAWN BY RDT	CHECKED BY PK
DATE OCTOBER, 2006		

REV.

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	7
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 700-Y-B-R & 70HB-R-1		62897		

SUMMARY OF QUANTITIES											
IL ROUTE 68 @ US 14 IDOT PROJECT * D-91-097-05											
ITEM #	ITEM DESCRIPTION	UNIT	80% QUANTITY	ROADWAY J000-2A	STRUCTURE IL 68 OVER US 14 X271-2A	STRUCTURE IL 68 OVER UPRR X171-5B	TRAFFIC SIGNALS Y031-1F	MSE AND RETAINING WALLS Y007	HIGHWAY LIGHTING Y030-1E	100% VILLAGE OF PALATINE Y031-3D	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	224	224							
M7030220	TEMPORARY PAVEMENT MARKING - LINE 100MM	METER	3,047	3,047							
M7030520	PAVEMENT MARKING TAPE, TYPE III 100MM	METER	12,103	12,103							
M7030580	PAVEMENT MARKING TAPE, TYPE III 600MM	METER	17	17							
M7031000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ. M.	1,216.0	1,216.0							
M7040300	RELOCATE TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	315.4	315.4							
M7040400	TEMPORARY CONCRETE BARRIER (STATE OWNED)	METER	562.4	562.4							
M7200200	SIGN PANEL - TYPE 2	SQ. M.	4.64				4.64				
M7800100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. M.	6.8	6.8							
M7800105	THERMOPLASTIC PAVEMENT MARKING - LINE 100MM	METER	481	481							
M7800115	THERMOPLASTIC PAVEMENT MARKING - LINE 150MM	METER	49	49							
M7800125	THERMOPLASTIC PAVEMENT MARKING - LINE 300MM	METER	16	16							
M7800600	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. M.	21	21							
M7800605	EPOXY PAVEMENT MARKING - LINE 100MM	METER	3,023	3,023							
M7800615	EPOXY PAVEMENT MARKING - LINE 150MM	METER	136	136							
M7800620	EPOXY PAVEMENT MARKING - LINE 200MM	METER	1,382	1,382							
M7800625	EPOXY PAVEMENT MARKING - LINE 300MM	METER	273	273							
M7800640	EPOXY PAVEMENT MARKING - LINE 600MM	METER	65	65							
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	163	163							
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	25	25							
78200305	PRISMATIC BARRIER REFLECTOR	EACH	19	19							
78200410	GUARDRAIL MARKERS, TYPE A	EACH	54	54							
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	5	5							
M7830100	PAVEMENT MARKING REMOVAL	SQ. M.	40	40							
M8030010	LOCATING UNDERGROUND CABLE	METER	1498						1498		
M8033744	GROUND ROD 16MM DIA. X 3.0M	EACH	25						25		
M80400100	ELECTRIC SERVICE INSTALLATION	EACH									
M8100060	CONDUIT IN TRENCH, 50MM DIA., GALVANIZED STEEL	METER	918.2				918.2				
M8100070	CONDUIT IN TRENCH, 65MM DIA., GALVANIZED STEEL	METER	124				124				
M8100080	CONDUIT IN TRENCH, 75MM DIA., GALVANIZED STEEL	METER	21					21			
M8100100	CONDUIT IN TRENCH, 100MM DIA., GALVANIZED STEEL	METER	42.7				42.7				
M8101050	CONDUIT PUSHED, 50MM DIA., GALVANIZED STEEL	METER	44.1				44.1				
M8101070	CONDUIT PUSHED, 75MM DIA., GALVANIZED STEEL	METER	538					538			
M8101090	CONDUIT PUSHED, 100MM DIA., GALVANIZED STEEL	METER	257				257				
M8120230	CONDUIT EMBEDDED IN STRUCTURE, 50 MM DIA. PVC	METER	127.9				86.3		41		
M8120240	CONDUIT EMBEDDED IN STRUCTURE, 65 MM DIA. PVC	METER	38						38		
M8130120	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 150MM X 150MM	METER	14						14		
M8130185	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 300MM X 250MM X 150MM	EACH	8						8		
M8130235	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 450MM X 450MM X 200MM	EACH	1						1		
M8130401	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 300MM X 300MM X 150MM	EACH	8				4		4		
81400100	HANDHOLE	EACH	16				16				
81400200	HEAVY-DUTY HANDHOLE	EACH	4				4				
81400300	DOUBLE HANDHOLE	EACH	2				2				
M8160400	AERIAL CABLE WITH MESSENGER WIRE 3-1/C NO. 2 ALUMINIUM, UNIT DUCT, WITH 3-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (EPR-TYPE RHW), 30MM DIA., POLYETHYLENE	METER	1048						1048		
M8160400	UNIT DUCT, WITH 3-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (EPR-TYPE RHW), 30MM DIA., POLYETHYLENE	METER	2436						2436		
M8170742	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 1/C NO. 10	METER	600						600		
M8170425	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 10	METER	556						556		
M8170130	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 1/C NO. 3/0	METER	19						19		
M8170410	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 4	METER	405						405		
M8170125	AERIAL CABLE WITH MESSENGER WIRE, 3-1/C NO. 2 ALUMINIUM	METER	1075						1075		
M8170125	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 6	METER	153						153		
M8190200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	2,382.5				1059.5		1323		

\* SPECIALTY ITEMS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68
NAME	DATE	
		SUMMARY OF QUANTITIES - 4

Rev. 1-8-07

Rev.

SCALE NTS  
DATE OCTOBER, 2006  
DRAWN BY RDT  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	8
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

SUMMARY OF QUANTITIES

IL ROUTE 68 & US 14  
 IDOT PROJECT # D-91-097-05

ITEM #	ITEM DESCRIPTION	UNIT	URBAN 80% FED. EQTY STATE QUANTITY	F ROADWAY J000-2A	F STRUCTURE IL 68 OVER US 14 X271-2A	B&F STRUCTURE IL 68 OVER UPRR X171-5A	F TRAFFIC SIGNALS Y031-1F	F MSE AND RETAINING WALLS Y007	F HIGHWAY LIGHTING Y030-1E	100% VILLAGE VILLAGE OF PALATINE Y031-3D
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2						2	
<del>82102400</del>	<del>CONDUIT, 25MM DIA., X 3.0M</del>	<del>EAHM</del>	<del>25</del>						<del>25</del>	
82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	6						6	
<del>82107100</del>	<del>UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR</del>	<del>EACH</del>	<del>6</del>						<del>6</del>	
82202500	LIGHTING CONTROLLER TYPE CB-RCS 200 H.M.P. - H00V00T	EACH	1						1	
M8301125	LIGHT POLE, ALUMINUM, 15.2M M.H., 3.5M MAST ARM	EACH	1						1	
M8307670	LIGHT POLE, WOOD, 9.14 METER, CLASS 4	EACH	2						2	
M8307180	LIGHT POLE, WOOD, 12.19 METER, CLASS 4	EACH	2						2	
M8307390	LIGHT POLE, WOOD, 18.30 METER, CLASS 4	EACH	4						4	
M8307420	LIGHT POLE, WOOD, 18.30 METER, CLASS 4, 4.5 METER MAST ARM	EACH	8						8	
M8360200	LIGHT POLE FOUNDATION, 750MM DIAMETER	METER	24						24	
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	4						4	
84200700	LIGHTING FOUNDATION REMOVAL	EACH	4						4	
84200800	POLE FOUNDATION REMOVAL	EACH	1						1	
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	26						26	
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1						1	
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1						1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1				1			
85700300	FULL-ACTUATED CONTROLLER AND TYPE V CABINET	EACH	1				1			
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2				2			
86000100	MASTER CONTROLLER	EACH	1				1			
86300400	CONTROLLER CABINET TYPE IV	EACH	2				2			
86400100	TRANSCIVER - FIBER OPTIC	EACH	4				4			
M8730800	ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 2 C	METER	68				68			
M8731220	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C	METER	1124.16				374.72			749.44
M8731240	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	1,631				1,631			
M8730531	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3/C TWISTED SHIELDED	METER	1125.24				375.08			750.16
M8731250	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	412.5				412.5			
M8731300	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	METER	1,056.77				1,056.77			
M8750400	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 4.25 METER	EACH	6				6			
M8770020	STEEL MAST ARM ASSEMBLY AND POLE, 6.09 METER	EACH	1				1			
M8770040	STEEL MAST ARM ASSEMBLY AND POLE, 8.53 METER	EACH	2				2			
M8770045	STEEL MAST ARM ASSEMBLY AND POLE, 9.14 METER	EACH	1				1			
M8770055	STEEL MAST ARM ASSEMBLY AND POLE, 10.36 METER	EACH	1				1			
M8770075	STEEL MAST ARM ASSEMBLY AND POLE, 12.80 METER	EACH	1				1			
M8770100	STEEL MAST ARM ASSEMBLY AND POLE, 16.46 METER	EACH	1				1			
M8770770	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.80 METER	EACH	1				1			
M8770565	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 10.97 METER AND 6.09 METER	EACH	1				1			
M8770750	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 10.36 METER	EACH	1				1			
M8770566	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 8.53 METER AND 16.46 METER	EACH	1				1			
M8780100	CONCRETE FOUNDATION, TYPE A	METER	7.2				7.2			
M8780200	CONCRETE FOUNDATION, TYPE D	METER	2.4				2.4			
M8780400	CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	METER	24.3				24.3			
M8860000	DETECTOR LOOP, PREFORMED	METER	391				391			
87900200	DRILL EXISTING HANDHOLE	EACH	2				2			
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	18				18			
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	10				10			
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2				2			
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2				2			
88200300	LIGHT DETECTOR	EACH	6				6			12
88200300	LIGHT DETECTOR AMPLIFIER	EACH	2				2			4
88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	20				20			
88500100	INDUCTIVE LOOP DETECTOR	EACH	14				14			
89502380	REMOVE EXISTING HANDHOLE	EACH	1						1	
MX030199	TEMPORARY PAVEMENT	SQ. M.	1,522	1,522						
MX030300	CONDUIT ATTACHED TO STRUCTURE, 25MM DIA. GALVANIZED STEEL, PVC COATED	METER	50						50	
MX032178	TEMPORARY INFORMATION SIGNING	SQ. M.	24	24						

\* SPECIALTY ITEMS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68	
NAME	DATE		
		SUMMARY OF QUANTITIES - 5	
		SCALE NTS	DRAWN BY RDT
		DATE OCTOBER, 2006	CHECKED BY PK

Rev. 1-9-07

Rev.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	9
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

SUMMARY OF QUANTITIES										
IL ROUTE 68 @ US 14 IDOT PROJECT # D-91-097-05										
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY	ROADWAY J000-2A	STRUCTURE IL 68 OVER US 14 X271-2A	STRUCTURE IL 68 OVER IPRR X171-5B	TRAFFIC SIGNALS Y031-1F	MSE AND RETAINING WALLS Y007	HIGHWAY LIGHTING Y030-1E	VILLAGE OF PALATINE 1001 VILLAGE
MX032761	ELECTRICAL HANDHOLE, 900MM DIAMETER WITH 600MM FRAME AND LID	EACH	1							
MX032819	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 IC	METER	1,027				1,027			
MX033276	TEMPORARY SOIL RETENTION SYSTEM	SQ M	218			218				
MX033305	EMERGENCY VEHICLE PRIORITY SYSTEM LINE BEACON CABLE, NO. 20 3/0	METER	374.72							374.72
MX033306	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/0	METER	375.08							375.08
MX033445	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU M	249.6					249.6		
MX843010	REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE	METER	110						110	
MX871055	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	METER	1,027				1,027			
MX873027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 IC	METER	447.4				447.4			
MX878030	CONCRETE FOUNDATION, TYPE E 900MM DIAMETER	METER	13.2				13.2			
MZ001050	AGGREGATE SUBGRADE 300MM	SQ M	17,912	17,912						
MZ022800	FENCE REMOVAL	METER	76	76						
MZ031105	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ M	1924			790		1,134		
MZ031106	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ M	571			255		316		
Z0001000	ASBESTOS BEARING PAD REMOVAL	EACH								
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1						
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	22	22						
Z0018801	DRAINAGE SYSTEM NO. 1	EACH	1		1					
Z0018802	DRAINAGE SYSTEM NO. 2	EACH	1		1					
Z0018900	DRILL AND GROUT DOWEL BARS	EACH	128	128						
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	12	12						
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	5	5						
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1						
Z0048801	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1	1						
Z0048802	REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1	1						
Z0048901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 1	L SUM	1	1						
Z0048902	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO. 2	L SUM	1	1						
Z0050000	REMOVAL AND REINSTALLATION OF EXISTING IMPACT ATTENUATORS	EACH	2	2						
Z0010600	TRAINERS	HOUR	1000	1000						
X0301023	CONFIRMATION BEACON	EACH	4							4
X0322424	TEMPORARY UNDERPASS LIGHTING INSTALLATION AND REMOVAL	L SUM	1						1	
X0323157	REMOVE LUMINAIRE FROM UNDERPASS	EACH	4						4	
X0323412	REMOVE EXISTING SERVICE INSTALLATION	EACH	1						1	
X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1						1	
X0323082	DRAINAGE SCUPPERS, DS-33	EACH	1			1				
X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	24						24	
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	7		3	4				
X0324852	SERVICE INSTALLATION, 100 AMP 120/240V	EACH	2				2			
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1	1						
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1	1						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	24	24						
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	16	16						
X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	2				2			
X8400110	REMOVE TEMPORARY LIGHTING UNITS	EACH	1						1	
X8401110	MAINTENANCE OF TEMPORARY LIGHTING SYSTEM	L SUM	1						1	
X8780110	MODIFY EXISTING TYPE "D" FOUNDATION	EACH	2				2			
XX001017	REMOVE RIGHT-OF-WAY MARKERS	EACH	6	6						
XX002856	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1				1			
XX003162	EMERGENCY VEHICLE PRIORITY SYSTEM DETECTOR UNIT	EACH	4							4
XX003503	FLARED END SECTION REMOVAL	EACH	1	1						
MX033723	ERECTING PRECAST PRESTRESSED CONCRETE DECK BEAM, 1686MM DEPTH	SQ M	12.58			12.58				

WEIGHT OF STEEL = 348580KG

- Y080
- NON-PARTICIPATING
- △ SFTY-BN
- \* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68

SUMMARY OF QUANTITIES - 6

SCALE NTS                      DRAWN BY RDT  
DATE OCTOBER, 2006              CHECKED BY PK

Rev. 1-8-07

Rev.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	•	COOK	283	10
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS				FED. AID PROJECT
• 70D-Y-B-R & 70HB-R-1				62897

**TREE TRUNK PROTECTION**

LOCATION	EACH
RAMP C	
0+193.8	13.0 RT 1
0+193.9	13.5 RT 1
0+198.2	15.4 RT 1
0+215.2	21.1 RT 1
0+216.2	24.8 RT 1
RAMP D	
0+053.7	19.6 LT 1
0+070.3	27.5 LT 1
0+073.2	22.0 LT 1
0+088.0	25.2 LT 1
0+100.5	26.3 LT 1

TREE TRUNK PROTECTION, TOTAL = 10  
EACH

**STABILIZED SUB-BASE, 115MM**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+713.000 TO 9+872.278	3,213
9+928.719 TO 9+972.926	1,060
10+031.217 TO 10+151.000	3,131
RAMP A	
0+125.000 TO 0+311.578	1,424
RAMP B	
0+015.301 TO 0+300.612	1,900
RAMP C	
0+060.910 TO 0+288.562	1,960
PROPOSED	
0+013.029 TO 0+308.501	1,974

STABILIZED SUB-BASE, 115MM, TOTAL = 14,662  
SQ. M.

**AGGREGATE SUBGRADE, 300MM**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+713.000 TO 9+872.278	3,261
9+928.719 TO 9+972.926	1,064
10+031.217 TO 10+151.000	3,151
RAMP A	
0+125.000 TO 0+311.578	2,053
RAMP B	
0+015.301 TO 0+300.612	2,812
RAMP C	
0+060.910 TO 0+288.562	2,756
RAMP D	
0+013.029 TO 0+308.501	2,815

AGGREGATE SUBGRADE, 300MM, TOTAL = 17,912  
SQ. M.

**AGGREGATE (PRIME COAT)  
BITUMINOUS MATERIALS (PRIME COAT)**

TYPE	AREA (SQ. M.)	AGGREGATE M TON	BITUMINOUS LITER
IL ROUTE 68			
9+698.000 TO 9+713.000	168	336	252
10+151.000 TO 10+165.000	219	438	328.5
ACCESS DRIVE & DRIVEWAY	327	981	490.5
TOTAL =		1,761	1,071
		M TON	LITER

**ACCESS DRIVE & DRIVEWAY**

TYPE	AGGREGATE RATE
ACCESS DRIVE & DRIVEWAY	AREA (SQ M) x 3 (KG/SQ M)
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70	AREA (SQ M) x 2 (KG/SQ M)
TYPE	BITUMINOUS RATE
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70	AREA (SQ M) x 1.5 (LITERS/SQ M)

**PORTLAND CEMENT CONCRETE PAVEMENT, 260MM (JOINTED)**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+713.000 TO 9+872.278	2,418
9+928.719 TO 9+972.926	873
10+031.217 TO 10+151.000	2,272
RAMP A	
0+125.000 TO 0+311.578	1,232
RAMP B	
0+015.301 TO 0+300.612	1,690
RAMP C	
0+060.910 TO 0+288.562	1,726
RAMP D	
0+013.029 TO 0+308.501	1,775

PORTLAND CEMENT CONCRETE PAVEMENT 260MM (JOINTED), TOTAL = 11,986  
SQ. M.

**PROTECTIVE COAT**

SURFACE TYPE	AREA (SQ. M.)
PCC PAVEMENT 260MM	11,986
PCC SHOULDERS	3,694
COMBINATION CONC. CURB AND GUTTER TYPE B-15.30	45
COMBINATION CONC. CURB AND GUTTER TYPE B-15.45 (MODIFIED)	131
COMBINATION CONC. CURB AND GUTTER TYPE B-15.60	382
COMBINATION CONC. CURB AND GUTTER TYPE M-15.15	9
CONCRETE GUTTER TYPE B	92
CONCRETE MEDIAN, TYPE SB-15.30 (MODIFIED)	5
CONCRETE MEDIAN, TYPE SB-15.45 (MODIFIED)	110
CONCRETE MEDIAN SURFACE 100MM	55
CORRUGATED MEDIAN	255

PROTECTIVE COAT, TOTAL = 16,763  
SQ. M.

**AGGREGATE SHOULDERS, TYPE A, 150MM**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+698.000 TO 9+713.000	40.4
9+698.000 TO 9+713.000	30.8

AGGREGATE SHOULDERS, TYPE A, 150MM, TOTAL = 71  
SQ. M.

**PORTLAND CEMENT CONCRETE SHOULDERS, 260MM**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+948.991 TO 9+966.923	49
9+608.102 TO 9+979.101	28
10+024.219 TO 10+041.258	45
10+035.424 TO 10+057.874	44
RAMP A	
0+125.000 TO 0+305.615	457
0+125.000 TO 0+314.366	268
RAMP B	
0+005.296 TO 0+300.612	707
0+029.660 TO 0+193.739	308
RAMP C	
0+060.910 TO 0+278.310	558
0+145.217 TO 0+290.929	268
RAMP D	
0+026.015 TO 0+308.501	658
0+022.425 TO 0+186.676	304

PORTLAND CEMENT CONCRETE SHOULDERS, 260MM, TOTAL = 3,694  
SQ. M.

**FURNISHING AND ERECTING ROW MARKERS**

LOCATION	UNIT EACH
IL ROUTE 68	
9+749.125	15.5 LT 1
9+834.792	19.0 LT 1
9+859.066	20.0 RT 1
RAMP A	
0+282.443	4.8 RT 1
0+291.529	7.7 RT 1
RAMP C	
0+241.558	9.0 RT 1
0+254.764	15.1 RT 1

FURNISHING AND ERECTING ROW MARKERS, TOTAL = 7  
EACH

**CONCRETE GUTTER, TYPE B**

LOCATION	LENGTH (METER)
RAMP D	
0+079.659 RT TO 0+159.738 RT	79.8
0+085.131 RT TO 0+179.500 RT	94.4

CONCRETE GUTTER, TYPE B, TOTAL = 174.2  
METER

**COMBINATION CONC. CURB AND GUTTER TYPE B-15.60**

LOCATION	LENGTH (METER)
IL ROUTE 68	
10+056.820 TO 10+134.235	77.4
US 14	
13+655.009 TO 13+684.059	19.6
13+911.114 TO 13+954.593	43.5
13+935.110 TO 13+985.970	51.0
RAMP A	
0+299.895 TO 0+307.773	17.0
RAMP B	
0+250.000 TO 0+300.612	50.6
RAMP C	
0+060.910 TO 0+176.329	115.4
0+087.440 TO 0+117.262	29.8
0+273.139 TO 0+282.617	22.0

COMBINATION CONCRETE CURB AND GUTTER TYPE B-15.60, TOTAL = 424.0  
METER

**COMBINATION CONC. CURB AND GUTTER TYPE B-15.30**

LOCATION	LENGTH (METER)
ACCESS DRIVE (RAMP C STA.)	
0+117.262 TO 0+192.852	75.2

COMBINATION CONCRETE CURB AND GUTTER TYPE B-15.30, TOTAL = 75.2  
METER

**COMBINATION CONC. CURB AND GUTTER TYPE B-15.45 (MODIFIED)**

LOCATION	LENGTH (METER)
IL ROUTE 68	
10+062.216 TO 10+135.000	153.6

COMBINATION CONCRETE CURB AND GUTTER TYPE B-15.45 (MODIFIED), TOTAL = 153.6  
METER

**COMBINATION CONC. CURB AND GUTTER TYPE M-15.15**

LOCATION	LENGTH (METER)
RAMP A	
0+299.895 TO 0+305.615	8.6
RAMP C	
0+273.220 TO 0+281.488	11.1

COMBINATION CONCRETE CURB AND GUTTER TYPE M-15.15, TOTAL = 19.7  
METER

**CONCRETE MEDIAN SURFACE 100MM  
AGGREGATE BASE COURSE, TYPE A, 300MM**

LOCATION	AREA (SQ. M.)
RAMP A	
0+299.895 TO 0+309.100	19
RAMP C	
0+273.184 TO 0+285.734	36

CONCRETE MEDIAN SURFACE 100MM, TOTAL = 55  
SQ. M.  
AGGREGATE BASE COURSE, TYPE A, 300MM, TOTAL = 55  
SQ. M.

**CONCRETE MEDIAN, TYPE SB-15.30 (MODIFIED)**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
10+030.800 TO 10+034.454	5

CONCRETE MEDIAN, TYPE SB-15.30 (MODIFIED), TOTAL = 5  
SQ. M.

**CONCRETE MEDIAN, TYPE SB-15.45 (MODIFIED)**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+928.719 TO 9+944.212	110

CONCRETE MEDIAN, TYPE SB-15.45 (MODIFIED), TOTAL = 110  
SQ. M.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68 SCHEDULE OF QUANTITIES ROADWAY - 1
NAME	DATE	
		SCALE NTS DATE OCTOBER, 2006 DRAWN BY RDT CHECKED BY PK

**CORRUGATED MEDIAN**

LOCATION	AREA (SQ. M.)
IL ROUTE 68 10+135.000 TO 10+203.000	255

CORRUGATED MEDIAN TOTAL = 255 SQ. M

**STEEL PLATE BEAM GUARDRAIL, TYPE A**

LOCATION	LENGTH (METER)	GUARDRAIL MARKERS, TYPE A (EACH)
IL ROUTE 68		
9+701.810 TO 9+732.010 LT	30.4	2
9+845.011 TO 9+859.411 LT	15.2	2
9+845.011 TO 9+882.711 RT	34.2	2
TO 9+964.286 LT	22.8	2
TO 9+963.475 LT	15.8	1
TO 9+980.806 RT	26.6	2
10+023.463 TO RAMP D LT	45.6	3
10+039.644 TO RAMP C RT	18.1	2
RAMP A		
0+201.550 TO 0+311.682 RT	113.4	4
RAMP C		
0+145.000 TO 0+298.100 LT	194.7	9
0+194.403 TO 0+268.152 RT	75.0	6
RAMP B		
0+37.535 TO 0+303.535 RT	266	13

STEEL PLATE BEAM GUARDRAIL, TYPE A, TOTAL = 858.8 METER  
 GUARDRAIL MARKERS, TYPE A, TOTAL = 48 EACH

**STEEL PLATE BEAM GUARDRAIL, TYPE D**

LOCATION	LENGTH (METER)	GUARDRAIL MARKERS, TYPE A (EACH)
RAMP A		
0+123.550 TO 0+201.550 RT	79.8	6

STEEL PLATE BEAM GUARDRAIL, TYPE D, TOTAL = 79.8 METER  
 GUARDRAIL MARKERS, TYPE A, TOTAL = 6 EACH

**TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)**

LOCATION	EACH	TERMINAL MARKER - DIRECT APPLIED (EACH)
IL ROUTE 68		
9+732.010 LT	1	1
9+829.811 LT	1	1
9+829.811 RT	1	1
RAMP A		
0+270.478 LT	1	1
RAMP C		
0+195.444 RT	1	1

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT), TOTAL = 5 EACH  
 TERMINAL MARKER - DIRECT APPLIED, TOTAL = 5 EACH

**TRAFFIC BARRIER TERMINAL TYPE 2**

LOCATION	EACH
RAMP B	
0+045.490 LT	1
RAMP C	
0+269.750 RT	1
RAMP D	
0+050.370 LT	1

3 EACH

**TRAFFIC BARRIER TERMINAL TYPE 6**

LOCATION	EACH
IL ROUTE 68	
9+868.966 LT	1
9+886.487 RT	1
9+913.770 LT	1
9+973.811 LT	1
9+990.331 RT	1
10+013.938 LT	1
10+030.119 RT	1
RAMP B	
0+028.010 RT	1

8 EACH

**CHAIN LINK FENCE, 1.2M**

LOCATION	LENGTH (METER)
IL ROUTE 68	
RT	71

CHAIN LINK FENCE, 1.2M, TOTAL = 71 METER

**CONCRETE BARRIER SINGLE FACE 815MM HEIGHT**

LOCATION	LENGTH (METER)
RAMP B	
0+008.312 TO 0+028.010 RT	22.8

CONCRETE BARRIER SINGLE FACE 815MM HEIGHT, TOTAL = 22.8 METER

**BITUMINOUS BASE COURSE SUPERPAVE, 150MM**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+747.596 LT	44

BITUMINOUS BASE COURSE SUPERPAVE, 150MM, TOTAL = 44 SQ. M.

**BITUMINOUS BASE COURSE SUPERPAVE, 200MM**

LOCATION	AREA (SQ. M.)
ACCESS DRIVE (RAMP C)	
0+146.323 TO 0+231.177 RT	328

BITUMINOUS BASE COURSE SUPERPAVE, 200MM, TOTAL = 328 SQ. M.

**BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70**

LOCATION	AREA (SQ. M.)	AVG DEPTH (MM)	QUANTITY (M TON)
IL ROUTE 68			
9+698.000 TO 9+713.000	168	50	20.2
10+151.000 TO 10+165.000	219	50	26.3
ACCESS DRIVE	327.5	50	39.3
DRIVEWAY AT 9+747.596 LT	44.3	50	5.3

BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N70, TOTAL = 91.1 M TONS

**BITUMINOUS SHOULDERS SUPERPAVE, 150MM**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+713.000 TO 9+749.431 LT	26.3
9+817.864 TO 9+886.801 RT	42.4
9+819.025 TO 9+868.975 LT	33.9
9+948.975 TO 9+973.774 LT	14.0
9+969.626 TO 9+989.474 RT	10.8
10+013.978 TO 10+041.258 LT	15.2
10+031.214 TO 10+057.874 RT	14.7
RAMP A	
0+123.463 TO 0+311.624 LT	343.0
0+259.900 TO 0+302.640 RT	37.1
RAMP B	
0+029.426 TO 0+046.000 LT	10.8
0+028.001 TO 0+300.615 RT	149.3
RAMP C	
0+145.092 TO 0+288.654 LT	227.3
0+176.329 TO 0+271.427 RT	55.8
RAMP D	
0+024.555 TO 0+051.982 LT	16.7

BITUMINOUS SHOULDERS SUPERPAVE 150MM, TOTAL = 997 SQ. M.

**BITUMINOUS SHOULDERS SUPERPAVE, 260MM**

LOCATION	AREA (SQ. M.)
IL ROUTE 68	
9+713.000 TO 9+866.213 LT	384.9
9+713.000 TO 9+881.866 RT	412.3
10+096.937 TO 10+151.000 RT	129.7
10+119.235 TO 10+151.000 LT	47.7

BITUMINOUS SHOULDERS SUPERPAVE 260MM, TOTAL = 975 SQ. M.

**SEEDING AND SODDING QUANTITIES**

LOCATION	SODDING, SALT TO GRANT AREA (SQ. M.)	SEEDING, CLASS 2A (WITH MULCH, METHOD 1) AREA (HECTARE)	SEEDING, CLASS 4 (WITH EROSION CONTROL BLANKET) AREA (HECTARE)
IL ROUTE 68			
9+713.000 TO 9+900.000 LT	849	0.00	0.00
9+713.000 TO 9+900.000 RT	707	0.00	0.00
9+900.000 TO 10+151.000 LT	70	0.02	0.00
9+900.000 TO 10+151.000 RT	83	0.00	0.00
10+063.000 TO 10+134.000 MEDIAN	424	0.00	0.00
RAMP A			
0+125.000 TO 0+275.000 LT	0	0.00	0.08
0+125.000 TO 0+275.000 RT	0	0.04	0.00
0+275.000 TO 0+311.000 LT	0	0.00	0.04
0+275.000 TO 0+305.000 RT	0	0.03	0.00
RAMP B			
0+001.500 TO 0+100.000 RT	0	0.00	0.08
0+030.000 TO 0+100.000 LT	0	0.04	0.00
0+100.000 TO 0+300.000 RT	0	0.00	0.28
0+100.000 TO 0+133.900 LT	0	0.06	0.00
RAMP C			
0+061.100 TO 0+250.000 RT	176	0.07	0.00
0+175.000 TO 0+250.000 LT	0	0.05	0.00
0+250.000 TO 0+275.000 RT	80	0.02	0.00
0+250.000 TO 0+295.000 LT	0	0.04	0.00
RAMP D			
0+050.000 TO 0+187.000 LT	577	0.06	0.00
0+050.000 TO 0+308.500 RT	1292	0.00	0.00
SUBTOTAL	4258	0.5	1.0

SODDING, TOTAL = 4,258 SQ. M.

SEEDING, TOTAL = 1.0 HECTARE

SUPPLEMENTAL WATERING, TOTAL = 553.5 UNITS

M2500400 NITROGEN FERTILIZER NUTRIENT	130	KILOGRAM
M2500500 PHOSPHORUS FERTILIZER NUTRIENT	130	KILOGRAM
M2500600 POTASSIUM FERTILIZER NUTRIENT	130	KILOGRAM
M211300 TOPSOIL FURNISH AND PLACE, 100MM	13,833	SQ. M.
M2113300 TOPSOIL FURNISH AND PLACE, 300MM	424	SQ. M.

FERTILIZER IS APPLIED AT RATE OF 100KG/HECTARE OF SEEDING AND 70KG/HECTARE OF SODDING  
 SUPPLEMENTAL WATERING IS APPLIED AT RATE 25 LITERS PLUS 7\*15 LITERS PER SQM OF SODDING

**DRILL AND GROUT DOWEL BARS**

LOCATION	UNIT (EACH)
IL ROUTE 68	
10+135.000 TO 10+203.000 LT	64
10+135.000 TO 10+203.000 RT	64

DRILL AND GROUT DOWEL BARS, TOTAL = 128 EACH

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  SCHEDULE OF QUANTITIES ROADWAY - 2
NAME	DATE	
		SCALE NTS DATE OCTOBER, 2006

EPOXY PAVEMENT MARKING												RAISED REFLECTIVE PAVEMENT MARKERS			RAISED REFLECTIVE PAVEMENT MARKERS (BRIDGE)				
100MM								150MM		200MM		300MM		600MM	LETTERS AND SYMBOLS	CRYSTAL ONE WAY	AMBER ONE WAY	AMBER TWO WAY	ONE WAY
YELLOW SOLID LINE	YELLOW SKIP-DASH LINE	YELLOW DOUBLE SOLID LINE	WHITE SKIP-DASH LINE	WHITE SOLID LINE	WHITE SOLID LINE	WHITE SOLID LINE	WHITE SOLID LINE	YELLOW DIAGONAL 25M C-C	WHITE DIAGONAL 3M C-C	WHITE DIAGONAL 6M C-C	STOP BAR	SO. M.	(EACH)	(EACH)					
48		652	24	374				36					6	26	10	4			
137		84	106			163				10	48	14.6	47			21			
40				40	17	58		32			9	6.8	6						
150		150				2	176						20						
52				71															
119			29	162			435			54									
			14				67												
37				43	8	68		38			8								
110				110		254				66									
69				35															
137			13	157		262				37									
3,023												196	1,382	273	65	21	163	25	

LOCATION	THERMOPLASTIC PAVEMENT MARKING										LETTERS AND SYMBOLS	
	100MM					150MM		300MM				
	YELLOW SOLID LINE	YELLOW SKIP-DASH LINE	YELLOW DOUBLE SOLID LINE	WHITE SKIP-DASH LINE	WHITE SOLID LINE	WHITE SOLID LINE	YELLOW DIAGONAL 6M C-C	WHITE DIAGONAL 25M C-C	WHITE DIAGONAL 3M C-C	SO. M.		
	METER	METER	METER	METER	METER	METER	METER	METER	METER	METER		
IL ROUTE 68												
9+649.943 TO 9+713.000			194		129	23	16				3.4	
10+151.000 TO 10+289.928	104			54		26					3.4	
TOTAL			481		49		16				6.8	

TEMPORARY PAVEMENT MARKING TAPE, TYPE III; WORK ZONE PAVEMENT MARKING REMOVAL

	IL ROUTE 68				RAMP A				RAMP B				RAMP C				RAMP D				US 14			
	100mm		AREA		100mm		AREA		100mm		AREA		100mm		AREA		100mm		AREA		100mm		AREA	
	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
Prestage 1	57	90	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 1A	152.7	262.6	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	378.7	294	67.3	0.0
Stage 1B	152.7	262.6	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 2A	1108.1	1126.2	223.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 2B	1125.5	1079.0	220.5	337.7	238.0	57.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.1	50.5	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 3A	1113.5	1069.0	218.3	38.4	25.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 3B	1079.4	1013.4	209.3	33.8	0	3.4	0	0	0	88.3	29.1	11.7	213.4	212.3	42.6	93.5	93.5	18.7	0.0	0.0	0.0	0.0	0.0	0.0
SUBTOTAL	9701.7	970.2	672.9	67.3	0	0	0	0	0	117.4	11.7	531.3	53.1	1079.7	108.0									

TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 100mm, TOTAL = 12103 METER

TEMPORARY PAVEMENT MARKING TAPE, TYPE III; WORK ZONE PAVEMENT MARKING REMOVAL

	IL ROUTE 68				RAMP A				RAMP B				RAMP C				RAMP D				US 14			
	600mm		AREA		600mm		AREA		600mm		AREA		600mm		AREA		600mm		AREA		600mm		AREA	
	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
Stage 1A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 1B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 2A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 2B	0.0	0.0	0.0	9.5	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 3A	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stage 3B	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUBTOTAL	0.0	0.0	0.0	17	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEMPORARY PAVEMENT MARKING TAPE, TYPE III, 600mm, TOTAL = 17 METER

WORK ZONE PAVEMENT MARKING REMOVAL, TOTAL = 1216.0 SQ. M.

TEMPORARY PAVEMENT MARKING, PAINT

	IL ROUTE 68		RAMP A		RAMP B		RAMP C		RAMP D		US 14	
	100mm		100mm		100mm		100mm		100mm		100mm	
	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
Stage 1A	820.5	777.4	0	0	0	0	0	0	0	0	0	0
Stage 1B	61	0	0	0	0	0	0	0	0	0	0	0
Stage 2A	169.9	146.4	321.5	300.2	0	0	0	0	183.2	164.2	0	0
Stage 2B	0	0	0	0	0	0	0	0	0	0	0	0
Stage 3A	0	0	0	0	0	0	0	0	44.5	42.2	0	0
Stage 3B	0	0	0	0	0	0	0	0	0	0	0	0
SUBTOTAL	1385.2	621.7	0	0	0	0	0	0	440.1			

TEMPORARY PAVEMENT MARKING, LINE, 100mm, TOTAL = 3047 METER

TEMPORARY PAVEMENT

LOCATION	AREA PRE-STAGE 1	AREA STAGE 1A	AREA STAGE 1B	AREA STAGE 2A	AREA STAGE 2B	AREA STAGE 3A	AREA STAGE 3B
	SO. M.	SO. M.	SO. M.	SO. M.	SO. M.	SO. M.	SO. M.
IL ROUTE 68	750.7	0	231.7	152.6	20.9	15.0	0
RAMP A	0	0	196.9	0	0	0	0
RAMP B	0	0	0	0	0	0	0
RAMP C	0	0	62.4	0	0	0	0
RAMP D	0	0	0	0	91.3	0	0
SUBTOTAL	750.7	0	491	152.6	112.2	15	0

TEMPORARY PAVEMENT, TOTAL = 1522 SQ. M.

TEMPORARY CONCRETE BARRIER

LOCATION	LENGTH (METER)	PRISMATIC BARRIER REFLECTOR (EACH)
PRESTAGE IL ROUTE 68		
9+861.393 TO 9+936.980	76.0	2
9+864.800 TO 9+936.980	72.2	2
STAGE 1A IL ROUTE 68		
9+850.000 TO 9+929.473	79.8	2
9+974.675 TO 10+046.640	72.2	2
STAGE 1B IL ROUTE 68		
9+929.473 TO 9+974.675	45.6	2
STAGE 2A RAMP A		
0+220.000 TO 0+315.165	102.6	4
STAGE 2B RAMP D		
0+042.296 TO 0+042.296	41.8	2
STAGE 3B RAMP A		
0+040.720 TO 0+087.810	45.6	2

TEMPORARY CONCRETE BARRIER, TOTAL = 562.4 METER  
PRISMATIC BARRIER REFLECTOR, TOTAL = 19 EACH

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3

LOCATION	EACH
PRESTAGE 1 IL ROUTE 68	
9+861.393	1
9+864.800	1
9+936.980	1
STAGE 1A IL ROUTE 68	
9+850.000	1
9+929.473	1
9+974.675	1
10+046.640	1
STAGE 2A RAMP A	
0+220.000	1
0+315.165	1
STAGE 2B RAMP D	
0+042.296	1
STAGE 3B RAMP A	
0+040.720	1
0+087.810	1

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3, TOTAL = 12 EACH

IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3

RELOCATE TEMPORARY CONCRETE BARRIER

LOCATION	LENGTH (METER)
STAGE 2A IL ROUTE 68	
9+850.000 TO 10+036.096	186.2
STAGE 2B IL ROUTE 68	
9+961.710 TO 10+062.733	26.6
RAMP A	
0+220.000 TO 0+320.667	102.6

RELOCATE TEMPORARY CONCRETE BARRIER, TOTAL = 315.4 METER

IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3, TOTAL = 5 EACH

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  SCHEDULE OF QUANTITIES MAINTENANCE OF TRAFFIC AND PAVEMENT MARKINGS - 1
NAME	DATE	

SCALE NTS DRAWN BY RDT  
DATE OCTOBER, 2006 CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	.	COOK	283	13
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 70D-Y-B-R & 70HB-R-1		62897		

**TREE REMOVAL (OVER 15 UNITS DIA.)**  
UNIT=25MM

LOCATION	SIZE (MM)	UNIT
<b>RAMP C</b>		
STA. 0+196.904	RT.	1250
STA. 0+197.291	RT.	750
STA. 0+197.723	RT.	750
STA. 0+201.325	RT.	375
STA. 0+204.096	RT.	500
STA. 0+215.764	RT.	500

TREE REMOVAL (OVER 15 UNITS DIA.) TOTAL = 165  
UNITS

**BITUMINOUS SURFACE REMOVAL - BUTT JOINT**

LOCATION	AREA (SQ. M.)
<b>IL ROUTE 68</b>	
9+698.000 TO 9+708.900	124
10+151.000 TO 10+165.000	219

BITUMINOUS SURFACE REMOVAL - BUTT JOINT, TOTAL = 343  
SQ. M.

**PAVEMENT REMOVAL**

LOCATION	AREA (SQ. M.)
<b>IL ROUTE 68</b>	
9+713.000 TO 9+850.000	1,544
9+850.000 TO 9+882.353	509
9+935.116 TO 9+956.821	496
10+045.240 TO 10+100.000	957
10+100.000 TO 10+151.000	385
<b>RAMP A</b>	
0+260.000 TO 0+309.015	336
0+123.000 TO 0+260.000	569
<b>RAMP B</b>	
0+009.247 TO 0+150.000	625
0+150.000 TO 0+300.612	869
<b>RAMP C</b>	
0+060.910 TO 0+225.000	817
0+225.000 TO 0+289.486	411
<b>RAMP D</b>	
0+011.509 TO 0+150.000	813
0+150.000 TO 0+308.501	769

PAVEMENT REMOVAL, SUBTOTAL = 9,100  
SQ. M.  
TEMPORARY PAVEMENT REMOVAL = 1,522  
SQ. M.  
PAVEMENT REMOVAL, TOTAL = 10,622  
SQ. M.

**DRIVEWAY PAVEMENT REMOVAL**

LOCATION	AREA (SQ. M.)
<b>IL ROUTE 68</b>	
9+756.612	107
9+783.711 TO 9+798.50	4
<b>RAMP C</b>	
0+145.000 TO 0+240.5	619

DRIVEWAY PAVEMENT REMOVAL, TOTAL = 730  
SQ. M.

**APPROACH SLAB REMOVAL**

LOCATION	AREA (SQ. M.)
<b>IL ROUTE 68</b>	
9+882.840	114
9+922.859	169
9+957.066	316
10+030.285	326

APPROACH SLAB REMOVAL, TOTAL = 925  
SQ. M.

**COMBINATION CURB AND GUTTER REMOVAL**

LOCATION	LENGTH (METER)
<b>RAMP B</b>	
0+249.253 RT TO 0+300.612 RT	53
<b>RAMP C</b>	
0+060.910 RT TO 0+210.700 RT	149

COMBINATION CURB AND GUTTER REMOVAL, TOTAL = 202  
METER

**MEDIAN REMOVAL**

LOCATION	AREA (SQ. M.)
<b>IL ROUTE 68</b>	
9+976.950 TO 10+043.897	81
10+064.604 TO 10+100.000	166
10+100.000 TO 10+203.000	405

MEDIAN REMOVAL, TOTAL = 652  
SQ. M.

**PAVED SHOULDER REMOVAL**

LOCATION	AREA (SQ. M.)
<b>IL ROUTE 68</b>	
9+713.000 LT. TO 9+850.000 LT.	81.5
9+713.000 RT. TO 9+850.000 RT.	64.2
9+850.000 RT. TO 9+876.859 LT.	59.5
9+850.000 RT. TO 9+897.943 RT.	44.8
10+023.196 LT. TO 10+047.966 LT.	56.9
10+043.884 RT. TO 10+055.586 RT.	23.9
10+078.675 LT. TO 10+100.000 LT.	66.1
10+079.796 RT. TO 10+100.000 RT.	53.6
10+100.000 LT. TO 10+151.000 LT.	156.3
10+100.000 RT. TO 10+151.000 RT.	129.5
<b>RAMP A</b>	
0+16.81 LT. TO 0+260.000 LT.	463.1
0+21.55 RT. TO 0+260.000 RT.	418.8
0+260.000 RT. TO 0+304.176 RT.	149.6
0+260.000 LT. TO 0+315.912 LT.	153.5
<b>RAMP B</b>	
0+024.372 LT. TO 0+150.000 LT.	296.2
0+000.000 RT. TO 0+150.000 RT.	420.2
0+150.000 LT. TO 0+211.564 LT.	104.1
0+150.000 RT. TO 0+300.612 RT.	369.4
<b>RAMP C</b>	
0+060.910 RT. TO 0+225.000 RT.	441.6
0+060.910 LT. TO 0+225.000 LT.	484.6
0+225.000 RT. TO 0+284.662 RT.	191.6
0+225.000 LT. TO 0+292.990 LT.	164.3
<b>RAMP D</b>	
0+018.154 LT. TO 0+150.000 LT.	366.4
0+003.259 RT. TO 0+150.000 RT.	440.9
0+150.000 LT. TO 0+192.085 LT.	110.4
0+150.000 RT. TO 0+308.501 RT.	329.7

PAVED SHOULDER REMOVAL, TOTAL = 5,637  
SQ. M.

**STORM SEWER REMOVAL 300MM**

LOCATION	LENGTH (METER)
<b>IL RTE 68</b>	
9+972.736 6.6 RT TO 9+975.051 22.6 RT	16.2
<b>RAMP C</b>	
0+156.606 1.6 LT TO 0+173.091 11.5 LT	19.2

STORM SEWER REMOVAL 300MM, TOTAL = 35.4  
METER

**DRAINAGE STRUCTURE REMOVALS**

LOCATION	REMOVING CATCH BASINS (EACH)	REMOVING INLETS (EACH)	FLARED END SECTION REMOVAL (EACH)
<b>IL RTE 68</b>			
9+972.736 6.6 RT		1	
10+043.817 10.8 RT		1	
<b>RAMP B</b>			
0+217.806 14.0 RT			1
<b>RAMP C</b>			
0+173.091 11.5 LT	1		

REMOVING CATCH BASINS, TOTAL = 1 EACH

REMOVING INLETS, TOTAL = 2 EACH

FLARED END SECTION REMOVAL, TOTAL = 1 EACH

**GUARDRAIL REMOVAL**

LOCATION	LENGTH (METER)
<b>IL ROUTE 68</b>	
9+695.83 LT. TO 9+745.86 LT.	50
9+851.74 LT. TO 9+874.372 LT.	23
9+846.87 RT. TO 9+877.57 RT.	31
9+916.37 LT. TO 9+933.933 LT.	24
9+912.80 RT. TO 9+964.582 RT.	23
10+025.2 LT. TO 10+053.62 LT.	35
<b>RAMP A</b>	
0+123.21 LT. TO 0+238.20 LT.	116
<b>RAMP B</b>	
0+027.32 LT. TO 0+040.76 LT.	17
0+171.64 LT. TO 0+301.257 LT.	130
<b>RAMP C</b>	
0+184.67 LT. TO 0+268.26 LT.	97
<b>RAMP D</b>	
0+019.89 LT. TO 0+160.367 LT.	136

GUARDRAIL REMOVAL, TOTAL = 681  
METER

**PAVEMENT MARKING REMOVAL**

DESCRIPTION	IL RTE 68	
	9+649.943 TO 9+698.000	10+165.000 TO 10+289.928
100mm DOUBLE SOLID	14.6	
100mm WHITE SKIP DASH		3.6
100mm WHITE OR YELLOW		7.6
150mm WHITE SOLID	3.5	4.8
LETTERS AND SYMBOLS	5.9	
SUBTOTAL =	24.0	16.0

PAVEMENT MARKING REMOVAL, TOTAL = 40.0  
SQ. M.

**FENCE REMOVAL**

LOCATION	LENGTH (METER)
<b>IL RTE 68</b>	
9+786.053 TO 9+858.012 RT.	76

FENCE REMOVAL, TOTAL = 76  
METER

**REMOVAL AND REINSTALLATION OF EXISTING IMPACT ATTENUATORS**

LOCATION	EACH
<b>RAMP A</b>	
0+125.000	1
<b>RAMP C</b>	
0+184.673	1

REMOVAL AND REINSTALLATION OF EXISTING IMPACT ATTENUATORS, TOTAL = 2  
EACH

**REMOVE RIGHT-OF-WAY MARKERS**

LOCATION	UNIT EACH
<b>IL ROUTE 68</b>	
9+749.220 15.2 LT	1
9+836.774 15.3 LT	1
9+855.868 15.1 RT	1
<b>RAMP A</b>	
0+293.037 1.0 RT	1
<b>RAMP C</b>	
0+192.325 3.2 RT	1
0+236.494 1.1 RT	1

REMOVE RIGHT-OF-WAY MARKERS, TOTAL = 6  
EACH

**BUILDING REMOVAL**

LOCATION	UNIT L SUM
<b>RAMP C STA. 0+207.900, 13.3 RT</b>	
BUILDING REMOVAL NO. 1	1
REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO.1	1
REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO.1	1
<b>RAMP C STA. 0+224.300, 16.9 RT</b>	
BUILDING REMOVAL NO. 2	1
REMOVAL AND DISPOSAL OF FRIABLE ASBESTOS, BUILDING NO.2	1
REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO.2	1

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  SCHEDULE OF QUANTITIES REMOVALS - 1  SCALE NTS DATE OCTOBER, 2006	DRAWN BY RDT CHECKED BY PK
NAME	DATE		

IL ROUTE 68 EARTHWORK STAGE 1A

Station	Area Cut	Area Fill	Area Unstable	Earth Excavation	Embankment	Unstable Material
	SQ M	SQ M	SQ M	CU M	CU M	CU M
9+720	2.1	0.1	0.5		1.5	5.5
9+730	2.0	0.2	0.6	20.5		
9+740	2.3	0.1	0.6	21.5	1.5	6.0
9+750	2.6	0.1	0.7	24.5	1.0	6.5
9+760	2.8	0.2	0.8	27.0	1.5	7.5
9+770	3.1	0.2	0.9	30.5	2.0	8.5
9+780	3.4	0.2	0.9	33.5	2.0	9.0
9+790	4.5	0.3	1.6	39.5	2.5	12.5
9+800	5.5	0.3	1.7	50.0	3.0	16.5
9+810	5.8	0.4	1.6	56.5	3.0	16.5
9+820	4.5	0.4	1.5	51.5	3.0	15.5
9+830	2.5	0.4	0.8	35.0	4.0	11.5
9+840	1.8	1.2	1.0	21.5	8.0	9.0
9+850	0.7	2.5	1.2	12.5	18.5	11.0
9+860	0.3	3.7	1.5	5.0	31.0	13.5
9+870	0.2	7.0	1.3	2.5	53.5	17.0
9+930	0.0	14.1	0.0			
9+940	0.0	0.0	0.0	0.0	70.5	0.0
9+950	0.0	0.0	0.0	0.0	0.0	0.0
9+960	0.0	0.0	0.0	0.0	0.0	0.0
9+970	0.0	0.0	0.0	0.0	0.0	0.0
10+030	0.0	0.0				0.0
10+040	5.0	43.9	2.3	25.0	219.5	11.5
10+050	0.0	13.4	2.0	25.0	286.5	21.5
			Total	482	713	33

IL ROUTE 68 EARTHWORK STAGE 1B

Station	Area Cut	Area Fill	Area Unstable	Earth Excavation	Embankment	Unstable Material
	SQ M	SQ M	SQ M	CU M	CU M	CU M
9+940	0.0	32.7	0.8		319.0	20.0
9+950	0.0	31.1	3.2	0.0	256.0	18.0
9+960	0.1	29.1	0.4	0.5	166.5	13.5
9+970	0.0	13.2	2.3	0.5		
10+030	0.0	0.0	0.0			0.0
10+040	0.0	0.0	0.0	0.0	0.0	0.0
10+050	5.5	0.3	0.8	17.5	4.5	4.0
10+060	5.1	2.3	2.3	43.0	16.0	15.5
10+070	7.4	0.0	2.1	62.5	11.5	22.0
10+080	5.0	1.3	1.8	62.0	6.5	19.5
10+090	6.4	0.0	1.4	57.0	0.5	16.0
10+100	3.3	0.1	0.7	48.5	0.5	8.5
10+110	3.2	0.2	0.4	32.5	1.5	3.0
10+120	3.2	0.3	0.4	32.0	2.5	3.5
10+130	3.2	0.2	0.3	32.0	2.5	3.5
10+140	3.2	0.0	0.1	32.0	1.0	2.0
10+150	3.2	0.0	0.1	32.0	0.0	1.0
			Total	452	795	150

IL ROUTE 68 EARTHWORK STAGE 2A

Station	Area Cut	Area Fill	Area Unstable	Earth Excavation	Embankment	Unstable Material
	SQ M	SQ M	SQ M	CU M	CU M	CU M
9+940	0.0	25.9	0.0			
9+950	0.0	11.7	0.1	0.0	188.0	0.5
9+960	0.2	11.8	0.3	1.0	117.5	5.0
9+970	0.0	4.2	0.0	1.0	80.0	4.5
			Total	2	386	10

IL ROUTE 68 EARTHWORK STAGE 2B

Station	Area Cut	Area Fill	Area Unstable	Earth Excavation	Embankment	Unstable Material
	SQ M	SQ M	SQ M	CU M	CU M	CU M
9+720	1.3	0.5	0.7	19.5	5.0	7.5
9+730	2.0	0.5	0.8	21.0	6.0	9.0
9+740	2.2	0.7	1.0	30.5	7.0	10.5
9+750	3.3	0.1	0.6	32.5	8.0	14.0
9+760	2.6	1.3	1.5	27.0	8.0	14.0
9+770	2.8	0.3	1.3	31.0	2.5	13.0
9+780	3.4	0.2	1.3	31.0	2.5	13.0
9+790	6.6	0.1	1.7	50.0	1.5	15.0
9+800	7.6	0.1	1.7	71.0	1.0	17.0
9+810	3.5	0.0	1.7	85.5	0.5	17.0
9+820	10.5	0.1	1.7	100.0	0.5	17.0
9+830	5.8	0.4	1.6	81.5	2.5	16.5
9+840	1.8	1.1	1.3	38.0	7.5	14.5
9+850	0.0	5.9	1.1	9.0	35.0	12.0
9+860	0.0	7.4	1.3	0.0	66.5	12.0
9+870	1.6	3.5	1.1	9.0	84.5	12.0
9+930	0.0	22.9	2.2			
9+940	0.0	0.0	0.0	0.0	114.5	11.0
9+950	0.0	0.0	0.0	0.0	0.0	0.0
9+960	0.0	0.0	0.0	0.0	0.0	0.0
9+970	0.0	25.2	2.2	0.0	126.0	11.0
10+030	1.0	0.6	0.4			
10+040	2.1	0.6	1.0	15.5	8.0	7.0
10+050	1.8	1.1	1.8	19.5	8.5	14.0
10+060	1.2	0.5	0.0	15.0	8.0	9.0
			Total	655	495	247

IL ROUTE 68 EARTHWORK STAGE 3A

Station	Area Cut	Area Fill	Area Unstable	Earth Excavation	Embankment	Unstable Material
	SQ M	SQ M	SQ M	CU M	CU M	CU M
10+060	0.0	6.4	0.1			
10+070	0.5	8.3	1.5	3.0	73.5	8.0
10+080	1.4	1.2	0.7	10.0	47.5	11.0
10+090	2.3	0.1	0.4	18.5	6.5	5.5
10+100	3.0	0.1	0.4	26.5	1.0	4.0
10+110	3.5	0.2	0.5	1.3	1.5	4.5
10+120	4.9	0.3	1.1	2.1	2.5	8.0
10+130	5.3	0.3	1.1	51.0	3.0	11.0
10+140	3.3	0.3	1.0	46.0	6.0	10.5
10+150	3.9	0.0	0.4	39.0	4.5	7.0
			Total	197	146	70

IL ROUTE 68 EARTHWORK STAGE 3B

Station	Area Cut	Area Fill	Area Unstable	Earth Excavation	Embankment	Unstable Material
	SQ M	SQ M	SQ M	CU M	CU M	CU M
9+720	0.7	0.0	0.0			
9+730	0.5	0.0	0.0	6.5	0.0	0.0
9+740	0.7	0.0	0.0	6.5	0.0	0.0
9+750	0.9	0.0	0.0	8.0	0.0	0.0
9+760	1.1	0.0	0.0	10.0	0.0	0.0
9+770	1.2	0.0	0.0	11.5	0.0	0.0
9+780	1.3	0.0	0.0	12.5	0.0	0.0
9+790	1.3	0.0	0.0	13.0	0.0	0.0
9+800	1.3	0.0	0.0	13.0	0.0	0.0
9+810	1.1	0.0	0.0	12.0	0.0	0.0
9+820	0.8	0.0	0.0	9.5	0.0	0.0
9+830	0.6	0.0	0.0	7.0	0.0	0.0
9+840	0.3	0.0	0.0	4.5	0.0	0.0
9+850	0.0	0.1	0.0	1.5	0.5	0.0
9+860	0.0	0.6	0.0	0.0	3.5	0.0
9+870	0.0	1.0	0.0	0.0	8.0	0.0
9+930	0.0	3.5	0.0			
9+940	0.0	5.5	0.0	0.0	45.0	0.0
9+950	0.0	0.0	0.0	0.0	27.5	0.0
9+960	0.0	0.0	0.0	0.0	0.0	0.0
9+970	0.0	0.0	0.0	0.0	0.0	0.0
10+030	0.0	0.0	0.0			
10+040	0.0	0.0	0.0	0.0	0.0	0.0
10+050	0.0	0.0	0.0	0.0	0.0	0.0
10+060	0.0	0.0	0.0	0.0	0.0	0.0
10+070	2.5	0.0	0.0	11.5	0.0	0.0
10+080	2.6	0.0	0.0	24.5	0.0	0.0
10+090	2.5	0.0	0.0	25.5	0.0	0.0
10+100	2.4	0.0	0.0	24.5	0.0	0.0
10+110	2.1	0.0	0.0	22.5	0.0	0.0
10+120	2.0	0.0	0.0	20.5	0.0	0.0
10+130	1.9	0.0	0.0	19.5	0.0	0.0
10+140	1.6	0.0	0.0	17.5	0.0	0.0
10+150	1.5	0.0	0.0	15.5	0.0	0.0
10+160	0.0	0.7	0.0	7.5	3.5	0.0
10+170	0.0	0.6	0.0	6.5	0.0	0.0
10+180	0.0	0.8	0.0	0.0	7.0	0.0
10+190	0.0	0.6	0.0	0.0	7.0	0.0
10+200	0.0	0.4	0.0	0.0	5.0	0.0
			Total	297	85	0

RAMP A EARTHWORK STAGE 2A

Station	Area Cut	Area Fill	Area Unstable	Area Earth Excavation Special	Earth Excavation	Embankment	Unstable Material	Earth Excavation Special
	SQ M	SQ M	SQ M	SQ M	CU M	CU M	CU M	CU M
0+130	1.1	0.1	0.0	0.0				
0+140	1.2	0.2	0.0	0.0	13.0	1.5	0.0	0.0
0+150	0.9	0.5	0.0	0.0	10.5	3.5	0.0	0.0
0+160	0.8	1.0	0.0	0.5	8.5	7.5	0.0	2.5
0+170	0.8	0.9	0.3	0.6	8.0	9.5	1.5	5.9
0+180	1.3	3.9	0.2	1.1	10.5	14.0	4.0	8.5
0+190	1.4	2.4	0.7	1.1	13.5	21.5	6.0	11.0
0+200	1.3	4.0	0.7	2.4	13.5	32.0	7.0	17.5
0+210	0.8	6.8	1.0	4.7	10.5	54.0	8.5	35.5
0+220	0.3	8.1	1.4	5.1	5.5	74.5	12.0	49.0
0+230	0.1	9.8	1.7	5.0	2.0	89.5	15.5	50.5
0+240	0.0	14.8	2.1	6.4	0.5	123.0	19.0	56.5
0+250	0.0	17.6	2.5	6.4	0.0	162.0	23.0	63.5
0+260	0.1	19.2	2.8	6.9	0.5	184.0	26.5	66.5
0+270	0.0	14.7	1.8	6.0	0.5	169.5	23.0	64.5
0+280	0.0	10.7	1.1	0.0	0.0	127.0	14.5	39.0
0+290	0.0	11.2	1.1	0.0	0.0	109.5	11.0	40.1
			Total	97	1183	172	461	

RAMP A EARTHWORK STAGE 2B

Station	Area Cut	Area Fill	Area Unstable	Area Earth Excavation Special	Earth Excavation	Embankment	Unstable Material	Earth Excavation Special
	SQ M	SQ M	SQ M	SQ M	CU M	CU M	CU M	CU M
0+130	1.3	0.1	0.0	0.0				
0+140	1.3	0.1	0.0	0.0	13.0	1.0	0.0	0.0
0+150	1.3	0.1	0.2	0.0	13.0	1.0	1.0	0.0
0+160	1.6	0.2	0.3	0.0	14.5	1.5	2.5	0.0
0+170	1.4	0.3	0.3	0.0	15.0	2.5	3.0	0.0
0+180	1.5	0.1	0.3	0.0	14.5	2.0	3.0	0.0
0+190	1.9	0.0	0.6	0.0	17.0	0.5	4.5	0.0
0+200	1.8	0.0	0.4	0.0	18.5	0.0	5.0	0.0
0+210	1.4	0.1	0.0	0.0	16.0	0.5	2.0	0.0
0+220	0.8	0.2	0.0	0.0	11.0	1.5	0.0	0.0
0+230	0.3	0.4	0.0	0.0	3.5	3.0	0.0	0.0
0+240	0.1	1.1	0.1	0.0	2.0	7.5	0.5	0.0
0+250	0.2	1.9	0.6	0.0	1.5	15.0	3.5	0.0
0+260	0.0	3.2	0.6	0.0	1.0	25.5	6.0	0.0
0+270	0.3	5.0	1.0	0.0	1.5	41.0	8.0	0.0
0+280	0.0	8.4	0.9	0.0	1.5	67.0	9.5	0.0
0+290	0.0	9.3	1.1	0.0	0.0	88.5	10.0	0.0
			Total		146	258	59	0.0

RAMP B STAGE 1B EARTHWORK

Station	Area Cut	Area Fill	Area Unstable	Area Earth Excavation Special	Earth Excav
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	15
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* TOD-Y-B-R & 70HB-R-1		62897		

RAMP D EARTHWORK STAGE 2A

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SO M	SO M	SO M	CU M	CU M	CU M
0+070	2.7	0.2	1.5			
0+080	3.3	1.5	1.3	30.0	8.5	14.0
0+090	7.9	1.5	1.6	56.0	15.0	14.5
0+100	11.1	1.3	1.7	95.0	14.0	16.5
0+110	16.1	1.8	1.8	136.0	15.5	17.5
0+120	21.2	2.0	1.8	186.5	19.0	18.0
0+130	18.6	2.2	1.8	199.0	21.0	18.0
0+140	13.9	4.0	2.3	162.5	31.0	20.5
0+150	9.2	3.8	2.6	115.5	39.0	24.5
0+160	4.8	2.3	1.8	70.0	30.5	25.0
0+170	3.6	2.0	2.0	42.0	21.5	19.0
0+180	2.5	0.3	2.2	30.5	11.5	21.0
0+190	5.5	0.0	2.3	40.0	1.5	22.5
0+200	5.1	0.0	1.9	53.0	0.0	21.0
0+210	5.6	0.0	1.8	53.5	0.0	18.5
0+220	6.9	0.1	2.5	62.5	1.5	21.5
0+230	3.6	0.1	1.0	52.5	2.0	17.5
0+240	2.4	0.2	0.5	30.0	1.5	7.5
0+250	2.5	0.3	0.5	24.5	2.5	5.0
0+260	2.5	0.1	0.1	25.0	2.5	4.0
0+270	2.5	0.1	0.7	25.0	1.0	5.0
0+280	2.5	0.3	0.6	25.0	2.0	6.5
0+290	2.4	0.2	0.5	24.5	2.5	5.5
0+300	1.9	0.3	0.5	21.5	2.5	5.0
Total				156.0	246	345

RAMP D EARTHWORK STAGE 2B

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SO M	SO M	SO M	CU M	CU M	CU M
0+030	1.3	1.6	2.1			
0+040	1.3	2.2	1.8	13.0	19.0	19.5
Total				13	19	20

RAMP D EARTHWORK STAGE 3A

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SO M	SO M	SO M	CU M	CU M	CU M
0+030	0.0	2.4	0.0			
0+040	0.0	2.5	0.0	0.0	24.5	0.0
0+050	0.7	0.7	0.3	3.5	16.0	1.5
0+060	8.7	0.3	1.6	47.0	5.0	9.5
Total				51	46	11

RAMP D EARTHWORK STAGE 3B

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SO M	SO M	SO M	CU M	CU M	CU M
0+050	2.2	0.0	0.5	29.5	0.0	5.0
0+060	3.7	0.0	0.5	51.5	0.0	4.0
0+070	6.6	0.0	0.3	72.0	0.0	2.0
0+080	7.8	0.0	0.1	72.0	0.0	2.0
0+090	0.0	1.0	0.0	39.0	5.0	0.5
0+100	0.0	0.0	0.0	0.0	5.0	0.0
0+110	0.0	0.0	0.0	0.0	0.0	0.0
0+120	0.0	0.0	0.0	0.0	0.0	0.0
0+130	0.0	0.0	0.0	0.0	0.0	0.0
0+140	0.0	0.0	0.0	0.0	0.0	0.0
0+150	0.0	0.0	0.0	0.0	0.0	0.0
0+160	5.3	0.3	0.5	26.5	1.5	2.5
0+170	2.4	0.3	0.4	38.5	3.0	4.5
0+180	0.9	0.7	0.0	16.5	5.0	2.0
0+190	1.6	0.0	0.0	12.5	3.5	0.0
0+200	1.3	0.0	0.0	14.5	0.0	0.0
0+210	0.7	0.0	0.0	10.0	0.0	0.0
0+220	0.5	0.0	0.0	6.0	0.0	0.0
0+230	0.0	0.0	0.0	2.5	0.0	0.0
0+240	0.0	0.0	0.0	0.0	0.0	0.0
0+250	0.0	0.0	0.0	0.0	0.0	0.0
0+260	0.0	0.0	0.0	0.0	0.0	0.0
0+270	0.0	0.0	0.0	0.0	0.0	0.0
Total				319	23	21

EARTHWORK SUMMARY

ROADWAY	EARTH EXCAVATION	EARTH EXCAVATION, SPECIAL	EXCAVATION TO BE USED IN EMBANKMENT FOR SHRINKAGE	EMBANKMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTHWORK BALANCE (+) OR SHORTAGE (-)
STAGE 1A						
IL ROUTE 68	482	0	409	713	33	-304
RAMP A	0	0	0	0	172	0
RAMP B	0	0	0	0	0	0
RAMP C	45	0	38	121	55	-83
RAMP D	0	0	0	0	0	0
TOTAL	527	0	448	834	260	-386
STAGE 1B						
IL ROUTE 68	452	0	384	795	150	-410
RAMP A	0	0	0	0	0	0
RAMP B	305	1,085	1,182	5,070	683	-3,889
RAMP C	434	0	368	613	191	-245
RAMP D	0	0	0	0	0	0
TOTAL	1,191	1,085	1,012	6,478	1,024	-4,543
STAGE 2A						
IL ROUTE 68	2	0	2	386	10	-384
RAMP A	97	461	474	1,183	172	-708
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	1,560	0	1,326	246	346	1,081
TOTAL	1,659	0	1,410	1,814	527	-12
STAGE 2B						
IL ROUTE 68	655	0	556	495	247	61
RAMP A	146	0	124	258	59	-134
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	13	0	11	19	20	-8
TOTAL	813	0	691	772	325	-81
STAGE 3A						
IL ROUTE 68	197	0	168	146	70	22
RAMP A	0	0	0	0	0	0
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	51	0	43	46	11	-3
TOTAL	248	0	211	192	81	19
STAGE 3B						
IL ROUTE 68	297	0	252	85	0	168
RAMP A	0	0	0	0	0	0
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	319	0	271	23	21	248
TOTAL	616	0	524	108	21	416

SHRINKAGE FACTOR FOR EARTH EXCAVATION: 15%

EARTH EXCAVATION	5,055	CU M
FURNISHED EXCAVATION	4,590	CU M
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	2,240	CU M
EARTH EXCAVATION, SPECIAL	1,085	CU M

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68	
NAME	DATE		
		SCHEDULE OF QUANTITIES EARTHWORK - 2	
SCALE NTS	DRAWN BY RDT	DATE OCTOBER, 2006	CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	16
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
* 70D-Y-B-R & 70HB-R-1				62897

**INLET AND PIPE PROTECTION**

LOCATION	STAGE 1	STAGE 2	STAGE 3*
IL 68			
9+694.125	16.0 LT	1	
9+760.000	13.7 LT	1	
9+972.852	6.6 RT	1	
10+100.000	3.5 LT		1
10+226.611	16.9 LT	1	
US 14			
13+487.639	E/P LT	1	
13+499.991	E/P LT	1	
13+550.137	10.3 RT	1	
13+555.248	E/P RT	1	
13+573.065	E/P RT	1	
13+653.229	E/P RT	1	
13+694.141	E/P RT	1	
13+741.801	E/P RT	1	
13+742.147	9.9 RT	1	
13+771.832	E/P RT	1	
13+776.879	E/P RT	1	
13+783.516	E/P RT	1	
13+785.795	E/P LT	1	
13+789.000	12.0 RT		1
13+791.022	E/P RT	1	
13+795.717	E/P RT	1	
13+796.808	E/P LT	1	
13+799.434	11.7 RT	1	
13+801.635	10.8 RT	1	
13+802.166	E/P RT	1	
13+804.500	12.0 LT		1
13+815.739	E/P RT	1	
13+816.100	11.8 LT	1	
13+857.528	E/P LT	1	
13+871.084	E/P LT	1	
13+877.365	E/P RT	1	
13+957.266	9.2 LT	1	
13+979.926	9.6 RT	1	
13+984.672	8.3 LT	1	
14+561.333	E/P LT	1	
RAMP B			
0+214.957	6.9 RT	1	
0+204.475	16.9 RT	1	
0+218.000	16.1 RT	1	
0+230.120	17 RT	1	
0+100.000	1.4 RT	1	
RAMP C			
0+006.586	5.4 RT	1	
0+076.553	4.3 RT	1	
0+080.244	2.8 RT	1	
0+101.400	6.5 LT	1	
0+114.000	5.6 RT	1	
0+146.889	5.5 RT	1	
0+149.070	1.4 LT	1	
0+151.139	2.8 RT	1	
0+156.606	1.6 LT	1	
0+196.195	2.3 RT	1	
0+200.000	6.6 RT	1	
0+228.013	1.0 LT	1	
RAMP D			
0+060.000	3.7 RT		1
0+073.120	5.4 RT		1
0+118.518	25.5 LT	1	
0+160.000	12.0 LT		1
0+179.147	4.0 RT		1
0+219.970	4.1 RT		1
0+220.000	6.1 RT		1
SUBTOTAL=	51	6	2

\* SEE TEMPORARY EROSION CONTROL PLANS FOR INLET AND PIPE PROTECTION TO REMAIN AFTER PLACEMENT IN PREVIOUS STAGES.

INLET AND PIPE PROTECTION  
TOTAL= 59 EACH

**TEMPORARY DITCH CHECKS**

LOCATION	EACH
STAGE 1	
IL ROUTE 68	
9+739.797 TO 9+819.062	RT 9
9+856.822 TO 9+876.351	RT 2
RAMP B	
0+169.732 TO 0+210.402	RT 3
0+223.963 TO 0+250.973	RT 1
RAMP C	
0+206.808 TO 0+252.416	RT 4
STAGE 2	
IL ROUTE 68	
9+767.465 TO 9+830.764	RT 6
RAMP A	
0+114.228 TO 0+268.274	RT 13
RAMP D	
0+054.795 TO 0+110.375	LT 7
0+204.109 TO 0+209.426	RT 1
0+262.364 TO 0+291.308	RT 7
STAGE 3	
IL ROUTE 68	
10+121.382 TO 10+216.574	LT 11
RAMP D	
0+033.577 TO 0+174.449	RT 12

TEMPORARY DITCH CHECKS, TOTAL= 76 EACH

**PERIMETER EROSION BARRIER**

LOCATION	METER
STAGE 1	
IL 68	
9+670.000 TO 9+735.276	RT 67
9+680.000 TO 9+755.210	LT 80
9+829.383 TO 9+859.281	RT 30
9+831.113 TO 9+878.821	LT 54
9+873.988 TO 9+895.755	RT 37
10+096.703 TO 10+149.944	RT 55
10+158.905 TO 10+180.528	RT 24
10+200.345 TO 10+221.291	RT 21
RAMP A	
0+254.282 TO 0+299.610	RT 63
RAMP B	
0+000.000 TO 0+168.041	RT 174
0+261.686 TO 0+350.249	RT 92
RAMP C	
0+179.501 TO 0+233.358	RT 105
0+240.899 TO 0+273.936	RT 39
US 14	
13+570.929 TO 13+501.728	RT 72

PERIMETER EROSION BARRIER, TOTAL= 913 METER

**DRAINAGE QUANTITIES\***

ITEM	QUANTITY	UNIT
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 300MM	2	EACH
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 375MM	4	EACH
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 450MM	4	EACH
PRECAST REINFORCED CONCRETE FLARED END SECTIONS 900MM	1	EACH
GRATING FOR CONCRETE FLARED END SECTION 900MM	1	EACH
PIPE CULVERTS, TYPE 1 RCCP 375MM	12.3	METER
PIPE CULVERTS, TYPE 1 RCCP 450MM	23.2	METER
PIPE CULVERTS, TYPE 1 RCCP 900MM	10.5	METER
STORM SEWERS, CLASS A, TYPE 1, 300MM	15.6	METER
STORM SEWERS, CLASS A, TYPE 1, 375MM	29.2	METER
STORM SEWERS, CLASS A, TYPE 1, 450MM	7.8	METER
STORM SEWERS, CLASS A, TYPE 2, 300MM	39.1	METER
STORM SEWERS, CLASS A, TYPE 2, 375MM	35.5	METER
STORM SEWERS, CLASS A, TYPE 2, 450MM	6.0	METER
STORM SEWERS, CLASS A, TYPE 2, 1050MM	1.6	METER
STORM SEWERS, CLASS A, TYPE 3, 300MM	9.7	METER
STORM SEWERS, CLASS A, TYPE 4, 375MM	3.3	METER
CATCH BASINS, TYPE A, 1.2M DIAMETER, TYPE 24 FRAME AND GRATE	2	EACH
MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, OPEN LID	1	EACH
MANHOLES, TYPE A, 1.2M DIAMETER, TYPE 1 FRAME, CLOSED LID	1	EACH
CATCH BASINS, TYPE C, TYPE 8 GRATE	4	EACH
CATCH BASINS, TYPE C, TYPE 23 FRAME AND GRATE	1	EACH
CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	3	EACH
INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	1	EACH
INLETS, TYPE A, TYPE 24 FRAME AND GRATE	1	EACH
JUNCTION CHAMBER, SPECIAL	1	EACH
CATCH BASINS TO BE ADJUSTED	1	EACH
MANHOLES TO BE ADJUSTED	3	EACH
GRATES, TYPE B	1	EACH
GRATES, TYPE B	2	EACH
DRAINAGE STRUCTURES TO BE CLEANED	22	EACH
STORM SEWERS TO BE CLEANED	312	METER

\*SEE DRAINAGE SHEET 8 FOR INVERTS, RIMS, AND LOCATION

**CLASS SI CONCRETE (OUTLET)**

LOCATION	CU. M.
IL ROUTE 68	
10+134.235	LT 2.6
RAMP D	
0+079.859	RT 1.4
0+159.738	RT 2.7
0+179.500	RT 2.2

CLASS SI CONCRETE (OUTLET), TOTAL= 8.9 CU. M.

**CLASS SI CONCRETE (INLET)**

LOCATION	CU. M.
RAMP D	
0+085.131	RT 2.0

CLASS SI CONCRETE (INLET), TOTAL= 2.0 CU. M.

**STONE RIPRAP, CLASS B3**

LOCATION	SO. M.
RAMP B	
0+300.000	RT 4.2
RAMP D	
0+072.591	RT 6.2
0+179.500	RT 7.0

STONE RIPRAP, CLASS B3, TOTAL= 17.4 SO. M.

**FILTER FABRIC**

LOCATION	SO. M.
RAMP B	
0+300.000	RT 4.2

FILTER FABRIC, TOTAL= 4.2 SO. M.

**TEMPORARY FENCE**

LOCATION	METER
STAGE 1	
IL ROUTE 68	
9+744.000 TO 9+829.383	RT 85
9+762.000 TO 9+835.000	LT 73
10+082.288 TO 10+160.000	LT 78
RAMP A	
0+095.000 TO 0+190.000	RT 92
RAMP D	
0+009.859 TO 0+230.000	RT 289

TEMPORARY FENCE, SUBTOTAL= 617 METER

ADDITIONAL TEMPORARY FENCE, NOT SHOWN ON THE PLANS= 500 METER

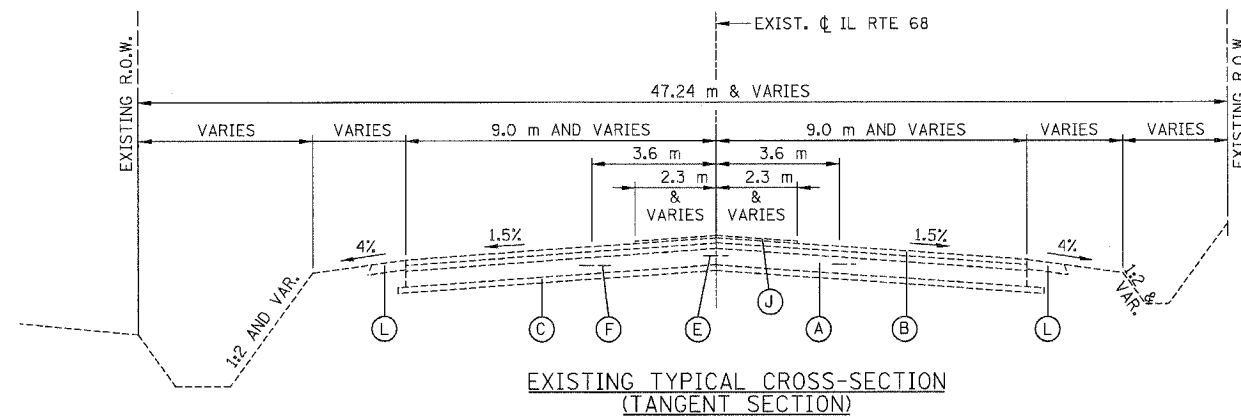
TEMPORARY FENCE, TOTAL= 1,117 METER

REVISIONS	
NAME	DATE

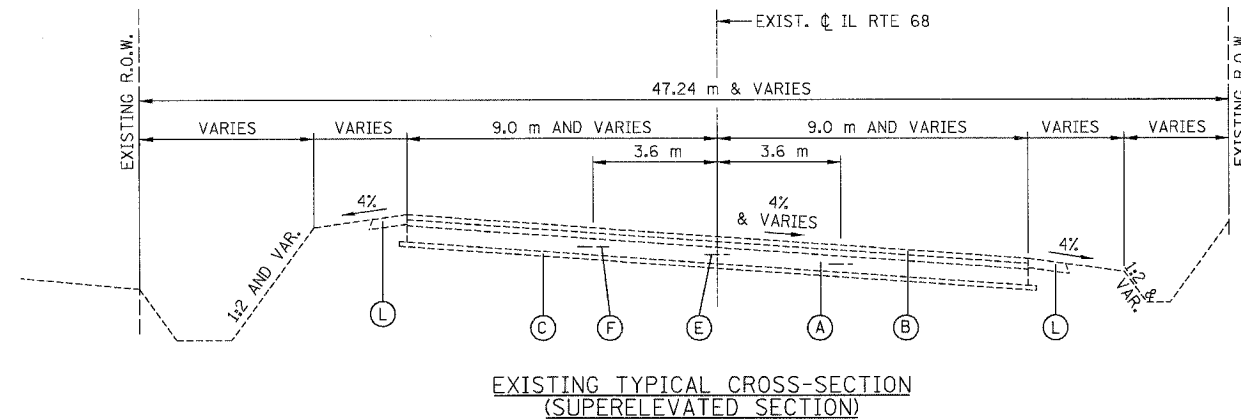
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
  
SCHEDULE OF QUANTITIES  
DRAINAGE AND TEMPORARY  
EROSION CONTROL - 1  
  
SCALE NTS DRAWN BY RDT  
DATE OCTOBER, 2006 CHECKED BY PK



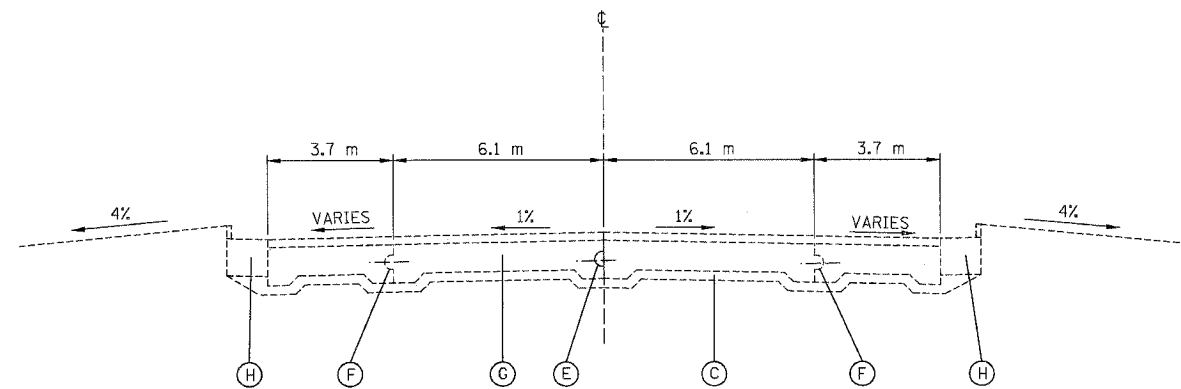
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	•	COOK	283	17
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 70D-Y-B-R & TOHB-R-1		62897		



EXISTING TYPICAL CROSS-SECTION  
(TANGENT SECTION)



EXISTING TYPICAL CROSS-SECTION  
(SUPERELEVATED SECTION)



SECTION THROUGH APPROACH SLAB

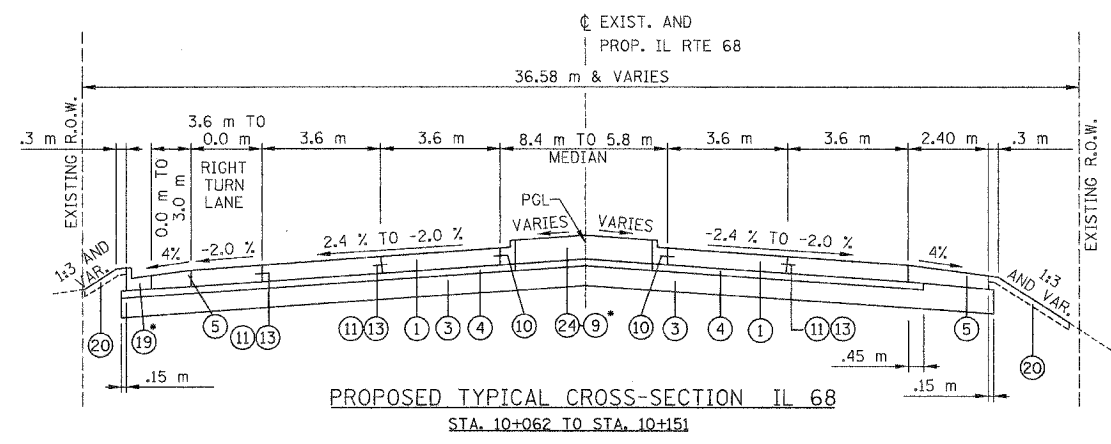
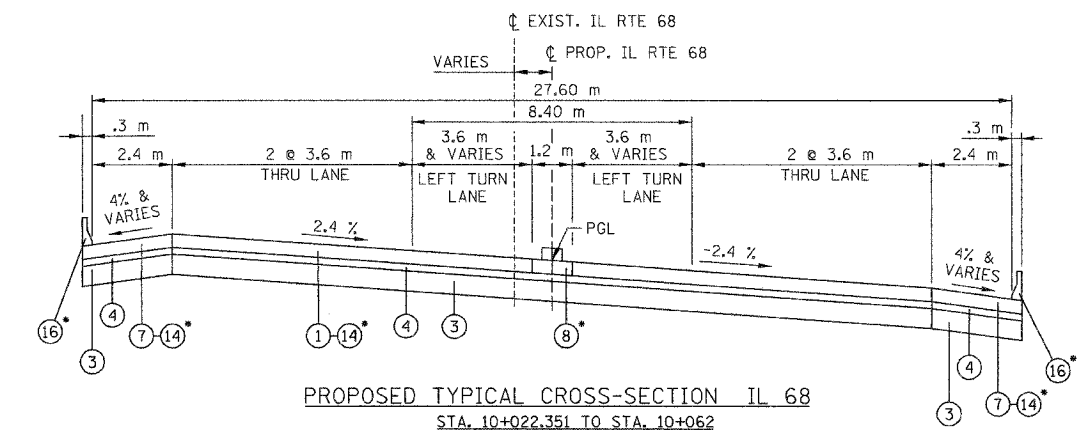
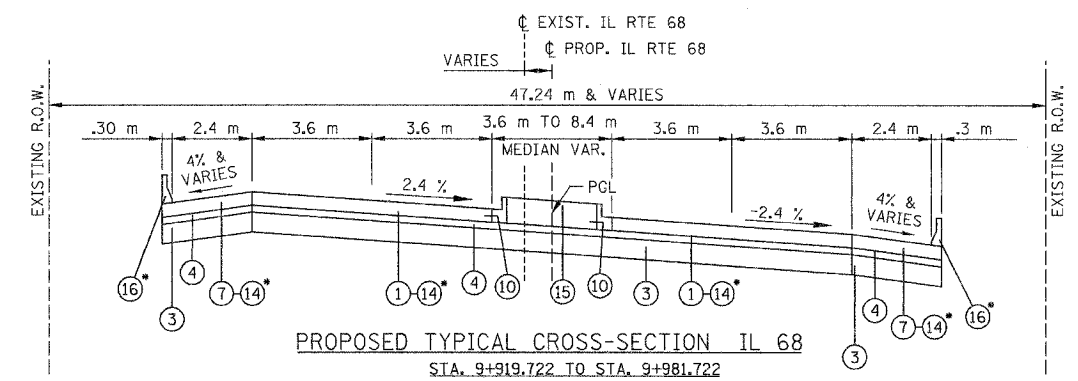
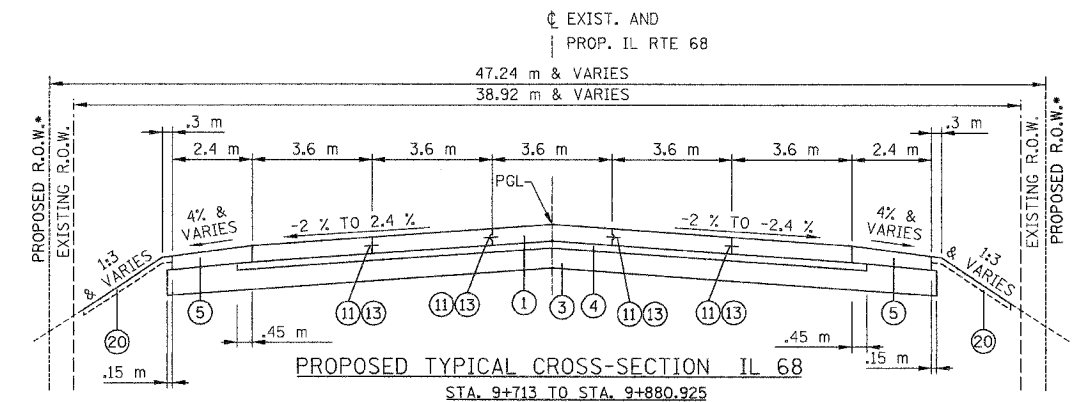
EXISTING LEGEND:

- (A) P.C. CONCRETE BASE COURSE 228.6mm (9")
- (B) BITUMINOUS CONCRETE BINDER 38.1mm (1 1/2") AND BITUMINOUS CONCRETE SURFACE COURSE 38.1mm (1 1/2")
- (C) STABILIZED SUB-BASE 101.6mm (4")
- (D) NOT USED
- (E) LONGITUDINAL SAWED JOINT
- (F) LONGITUDINAL CONSTRUCTION JOINT
- (G) P.C. CONCRETE APPROACH SLAB 420.4mm (16 1/2")-266.6mm (10 1/2")-420.4mm (16 1/2")
- (H) COMB. CONCRETE CURB & GUTTER B-6.24
- (J) CONCRETE MEDIAN
- (K) BITUMINOUS CONCRETE SURFACE COURSE CLASS I (38mm)
- (L) BITUMINOUS CONCRETE SHOULDER
- (M) PORTLAND CEMENT CONCRETE SHOULDERS (245 mm)
- (N) PORTLAND CEMENT CONCRETE PAVEMENT (245 mm) (JOINTED)
- (O) AGGREGATE SUBGRADE 300 mm

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  EXISTING TYPICAL SECTIONS ILLINOIS ROUTE 68
NAME	DATE	
		SCALE NTS DATE OCTOBER, 2006  DRAWN BY GRH CHECKED BY RDT



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	19
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		



**NOTE:**

THE FOLLOWING KEY ITEMS IN THE LEGEND ARE INTERPRETED AS FOLLOWS:

- ④ STABILIZED SUBBASE-HOT-MIX ASPHALT, 115 mm
- ⑤ HOT-MIX ASPHALT SHOULDERS, 260 mm
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- ⑧ HOT-MIX ASPHALT BASE COURSE, 200 mm

**LEGEND:**

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 260 mm (JOINTED)
- ② NOT USED
- ③ AGGREGATE SUBGRADE 300 mm
- ④ STABILIZED SUB-BASE 115 mm
- ⑤ BITUMINOUS CONCRETE SHOULDERS SUPERPAVE 260 mm
- ⑥ NOT USED
- ⑦ PCC SHOULDER, 260 mm
- ⑧ CONCRETE MEDIAN, TYPE SB-15.30 (MODIFIED), (SEE BRIDGE PLANS AND STD. 606301)
- ⑨ CORRUGATED PC CONCRETE MEDIAN (STD 606306)
- ⑩ #6 TIE BARS, 600mm LONG @ 600mm O.C. INCIDENTAL TO P.C.C. PAVEMENT (JOINTED)
- ⑪ LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BAR NO. 8x500mm LONG DEFORMED TIE BARS (EPOXY COATED) @ 600mm O.C. (STANDARD 420001) INCLUDED IN THE COST OF PAVEMENT.
- ⑫ LONGITUDINAL SAWED JOINT NO. 6x750mm LONG DEFORMED TIE BAR (EPOXY COATED) @ 750mm O.C. (STD. 420001 INCLUDED IN THE COST OF PAVEMENT)
- ⑬ AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT ⑫ MAY BE USED
- ⑭ P.C.C. CONCRETE DECK 195 mm (SEE BRIDGE PLANS)
- ⑮ CONCRETE MEDIAN, TYPE SB-15.45 (MODIFIED), (SEE BRIDGE PLANS AND STD.606301)
- ⑯ CONCRETE PARAPET "F" SHAPE (SEE BRIDGE PLANS)
- ⑰ BITUMINOUS CONCRETE SURFACE, SUPERPAVE, MIX "D", N70.
- ⑱ BITUMINOUS BASE COURSE, SUPERPAVE 200 mm
- ⑲ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
- ⑳ TOPSOIL FURNISH AND PLACE 100 mm. SODDING, SALT TOLERANT OR SEEDING (SEE LANDSCAPING PLANS)
- ㉑ RETAINING WALL (SEE STRUCTURAL PLANS)
- ㉒ TYPE B GUTTER
- ㉓ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30
- ㉔ LANDSCAPED MEDIAN (SEE PLANS FOR DETAILS)

\* SEE PLANS FOR LOCATION

**STRUCTURAL PAVEMENT DESIGN INFORMATION**

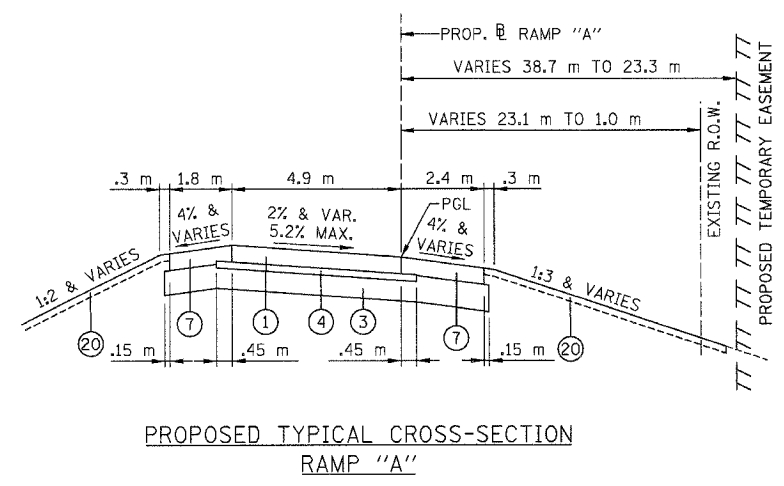
STRUCTURAL DESIGN TRAFFIC:	YEAR	2017
PV= 20,871	SU= 1,158	MU= 949
ROAD/STREET CLASSIFICATION:	Class 1	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P= 50%	S= 50% M= 50%
TRAFFIC FACTOR:	Actual TF= 8.31	AC Type= N/A
	Minimum TF= 6.7	
PG GRADE: Binder= N/A	Surface= N/A	
SUBGRADE SUPPORT RATING:	SSR= POOR	

BOXED ITEMS ARE INCIDENTAL TO OTHER PAY ITEMS.

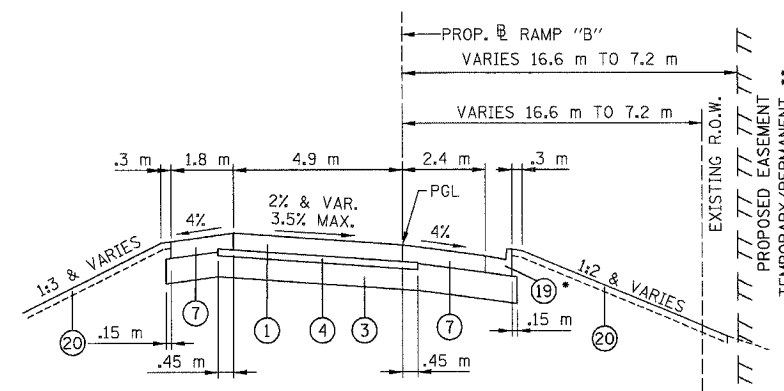
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
  
PROPOSED TYPICAL SECTIONS  
ILLINOIS ROUTE 68  
  
SCALE NTS  
DATE OCTOBER, 2006  
  
DRAWN BY GRH  
CHECKED BY PK

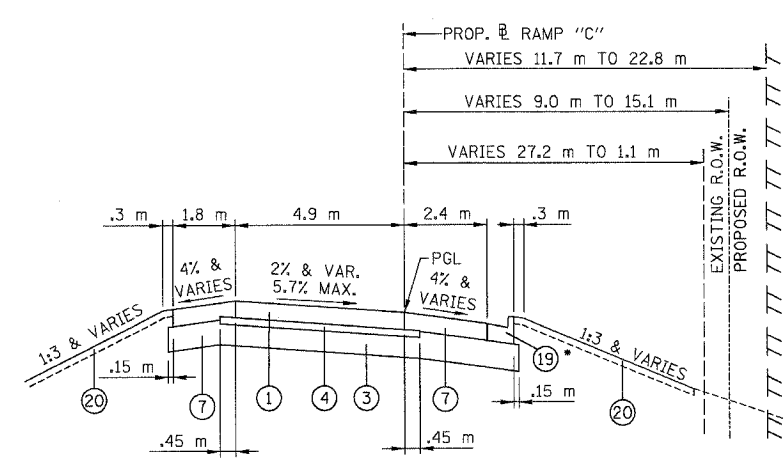
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	20
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		



PROPOSED TYPICAL CROSS-SECTION RAMP "A"



PROPOSED TYPICAL CROSS-SECTION RAMP "B"



PROPOSED TYPICAL CROSS-SECTION RAMP "C"

\* STA 0+250.000 TO STA 0+300.612  
\*\* SEE PLANS FOR LOCATION

\* STA 0+061.043 TO STA 0+176.329  
\*\* SEE PLANS FOR LOCATION

- NOTE:
- THE FOLLOWING KEY ITEMS IN THE LEGEND ARE INTERPRETED AS FOLLOWS:
- ④ STABILIZED SUBBASE-HOT-MIX ASPHALT, 115 mm
  - ⑤ HOT-MIX ASPHALT SHOULDERS, 260 mm
  - ⑦ HOT-MIX ASPHALT SURFACE COUSE, MIX "D", N70
  - ⑧ HOT-MIX ASPHALT BASE COURSE, 200 mm

- LEGEND:
- ① PORTLAND CEMENT CONCRETE PAVEMENT, 260 mm (JOINTED)
  - ② NOT USED
  - ③ AGGREGATE SUBGRADE 300 mm
  - ④ STABILIZED SUB-BASE 115 mm
  - ⑤ BITUMINOUS CONCRETE SHOULDERS SUPERPAVE 260 mm
  - ⑥ NOT USED
  - ⑦ PCC SHOULDER, 260 mm
  - ⑧ CONCRETE MEDIAN, TYPE SB-15.30 (MODIFIED), (SEE BRIDGE PLANS AND STD. 606301)
  - ⑨ CORRUGATED PC CONCRETE MEDIAN (STD 606306)
  - ⑩ #6 TIE BARS, 600mm LONG @ 600mm O.C. INCIDENTAL TO P.C.C. PAVEMENT (JOINTED)
  - ⑪ LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR NO. 8x500mm LONG DEFORMED TIE BARS (EPOXY COATED) @ 600mm O.C. (STANDARD 420001) INCLUDED IN THE COST OF PAVEMENT.
  - ⑫ LONGITUDINAL SAWED JOINT NO. 6x750mm LONG DEFORMED TIE BAR (EPOXY COATED) @ 750mm O.C. (STD. 420001 INCLUDED IN THE COST OF PAVEMENT)
  - ⑬ AT THE CONTRACTORS OPTION A LONGITUDINAL SAWED JOINT ⑫ MAY BE USED
  - ⑭ P.C.C. CONCRETE DECK 195 mm (SEE BRIDGE PLANS)
  - ⑮ CONCRETE MEDIAN, TYPE SB-15.45 (MODIFIED), (SEE BRIDGE PLANS AND STD.606301)
  - ⑯ CONCRETE PARAPET "F" SHAPE (SEE BRIDGE PLANS)
  - ⑰ BITUMINOUS CONCRETE SURFACE, SUPERPAVE, MIX "D", N70.
  - ⑱ BITUMINOUS BASE COURSE, SUPERPAVE 200 mm
  - ⑲ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.60
  - ⑳ TOPSOIL FURHISH AND PLACE, 100 mm. SODDING, SALT TOLERANT OR SEEDING (SEE LANDSCAPING PLANS)
  - ㉑ RETAINING WALL (SEE STRUCTURAL PLANS)
  - ㉒ TYPE B GUTTER
  - ㉓ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-15.30
  - ㉔ LANDSCAPED MEDIAN (SEE PLANS FOR DETAILS)

BOXED ITEMS ARE INCIDENTAL TO OTHER PAY ITEMS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  PROPOSED TYPICAL SECTIONS RAMPS
NAME	DATE	
		SCALE NTS DATE OCTOBER, 2006
DRAWN BY GRH CHECKED BY PK		

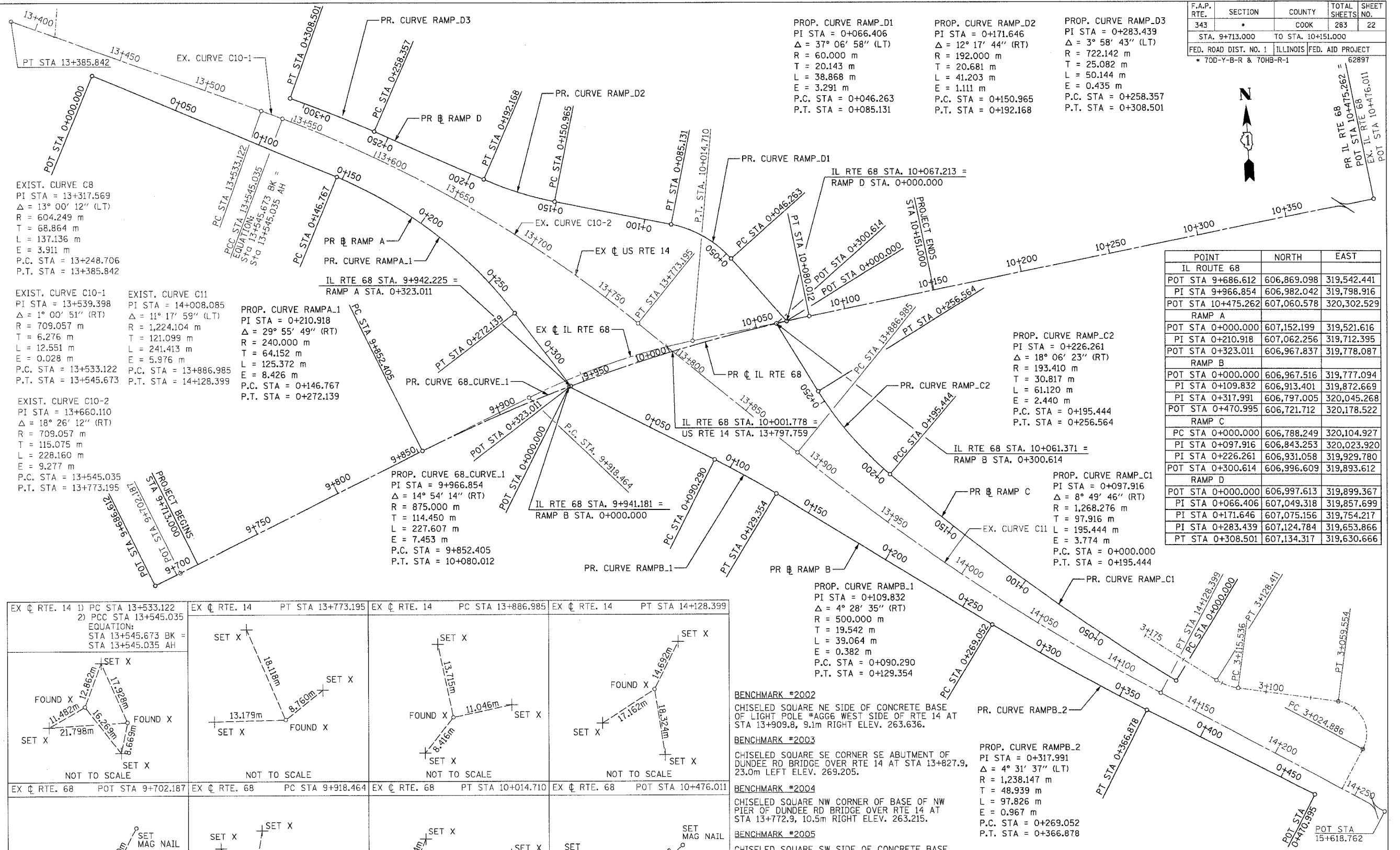


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	22
STA. 9+713.000 TO STA. 10+151.000				
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT 62897	
* 70D-Y-B-R & 70HB-R-1				

PROP. CURVE RAMP\_D1  
 PI STA = 0+066.406  
 $\Delta = 37^\circ 06' 58''$  (LT)  
 R = 60.000 m  
 T = 20.143 m  
 L = 38.868 m  
 E = 3.291 m  
 P.C. STA = 0+046.263  
 P.T. STA = 0+085.131

PROP. CURVE RAMP\_D2  
 PI STA = 0+171.646  
 $\Delta = 12^\circ 17' 44''$  (RT)  
 R = 192.000 m  
 T = 20.681 m  
 L = 41.203 m  
 E = 1.111 m  
 P.C. STA = 0+150.965  
 P.T. STA = 0+192.168

PROP. CURVE RAMP\_D3  
 PI STA = 0+283.439  
 $\Delta = 3^\circ 58' 43''$  (LT)  
 R = 722.142 m  
 T = 25.082 m  
 L = 50.144 m  
 E = 0.435 m  
 P.C. STA = 0+258.357  
 P.T. STA = 0+308.501



EXIST. CURVE C8  
 PI STA = 13+317.569  
 $\Delta = 13^\circ 00' 12''$  (LT)  
 R = 604.249 m  
 T = 68.864 m  
 L = 137.136 m  
 E = 3.911 m  
 P.C. STA = 13+248.706  
 P.T. STA = 13+385.842

EXIST. CURVE C10-1  
 PI STA = 13+539.398  
 $\Delta = 1^\circ 00' 51''$  (RT)  
 R = 709.057 m  
 T = 6.276 m  
 L = 12.551 m  
 E = 0.028 m  
 P.C. STA = 13+533.122  
 P.T. STA = 13+545.673

EXIST. CURVE C10-2  
 PI STA = 13+660.110  
 $\Delta = 18^\circ 26' 12''$  (RT)  
 R = 709.057 m  
 T = 115.075 m  
 L = 228.160 m  
 E = 9.277 m  
 P.C. STA = 13+545.035  
 P.T. STA = 13+773.195

EXIST. CURVE C11  
 PI STA = 14+008.085  
 $\Delta = 11^\circ 17' 59''$  (LT)  
 R = 1,224.104 m  
 T = 121.099 m  
 L = 241.413 m  
 E = 5.976 m  
 P.C. STA = 13+886.985  
 P.T. STA = 14+128.399

PROP. CURVE RAMP\_A.1  
 PI STA = 0+210.918  
 $\Delta = 29^\circ 55' 49''$  (RT)  
 R = 240.000 m  
 T = 64.152 m  
 L = 125.372 m  
 E = 8.426 m  
 P.C. STA = 0+146.767  
 P.T. STA = 0+272.139

PROP. CURVE 68\_CURVE.1  
 PI STA = 9+966.854  
 $\Delta = 14^\circ 54' 14''$  (RT)  
 R = 875.000 m  
 T = 114.450 m  
 L = 227.607 m  
 E = 7.453 m  
 P.C. STA = 9+852.405  
 P.T. STA = 10+080.012

PROP. CURVE RAMP\_C2  
 PI STA = 0+226.261  
 $\Delta = 18^\circ 06' 23''$  (RT)  
 R = 193.410 m  
 T = 30.817 m  
 L = 61.120 m  
 E = 2.440 m  
 P.C. STA = 0+195.444  
 P.T. STA = 0+256.564

PROP. CURVE RAMP\_C1  
 PI STA = 0+097.916  
 $\Delta = 8^\circ 49' 46''$  (RT)  
 R = 1,268.276 m  
 T = 97.916 m  
 L = 195.444 m  
 E = 3.774 m  
 P.C. STA = 0+000.000  
 P.T. STA = 0+195.444

PROP. CURVE RAMP\_B.1  
 PI STA = 0+109.832  
 $\Delta = 4^\circ 28' 35''$  (RT)  
 R = 500.000 m  
 T = 19.542 m  
 L = 39.064 m  
 E = 0.382 m  
 P.C. STA = 0+090.290  
 P.T. STA = 0+129.354

PROP. CURVE RAMP\_B.2  
 PI STA = 0+317.991  
 $\Delta = 4^\circ 31' 37''$  (LT)  
 R = 1,238.147 m  
 T = 48.939 m  
 L = 97.826 m  
 E = 0.967 m  
 P.C. STA = 0+269.052  
 P.T. STA = 0+366.878

<p>EX C RTE. 14 1) PC STA 13+533.122          2) PCC STA 13+545.035          EQUATION:          STA 13+545.673 BK =          STA 13+545.035 AH</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 14 PT STA 13+773.195</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 14 PC STA 13+886.985</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 14 PT STA 14+128.399</p> <p>NOT TO SCALE</p>
<p>EX C RTE. 68 POT STA 9+702.187</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 68 PC STA 9+918.464</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 68 PT STA 10+014.710</p> <p>NOT TO SCALE</p>	<p>EX C RTE. 68 POT STA 10+476.011</p> <p>NOT TO SCALE</p>

**BENCHMARK #2002**  
 CHISELED SQUARE NE SIDE OF CONCRETE BASE OF LIGHT POLE #AG66 WEST SIDE OF RTE 14 AT STA 13+909.8, 9.1m RIGHT ELEV. 263.636.

**BENCHMARK #2003**  
 CHISELED SQUARE SE CORNER SE ABUTMENT OF DUNDEE RD BRIDGE OVER RTE 14 AT STA 13+827.9, 23.0m LEFT ELEV. 269.205.

**BENCHMARK #2004**  
 CHISELED SQUARE NW CORNER OF BASE OF NW PIER OF DUNDEE RD BRIDGE OVER RTE 14 AT STA 13+772.9, 10.5m RIGHT ELEV. 263.215.

**BENCHMARK #2005**  
 CHISELED SQUARE SW SIDE OF CONCRETE BASE FOR LIGHT POLE EAST SIDE OF RTE 14 AT STA 13+605.9, 17.6m LEFT ELEV. 264.205.

**BENCHMARK #2017**  
 CHISELED SQUARE NW ABUTMENT DUNDEE BRIDGE OVER UNION PACIFIC RAILROAD +/- 100m WEST OF RTE 14 ELEV. 269.746.

**BENCHMARK #2018**  
 SET MAG NAIL IN WEST GUARDRAIL POST SOUTH SIDE OF DUNDEE EAST OF DUNDEE & ELA RD INTERSECTION ELEV. 265.839.

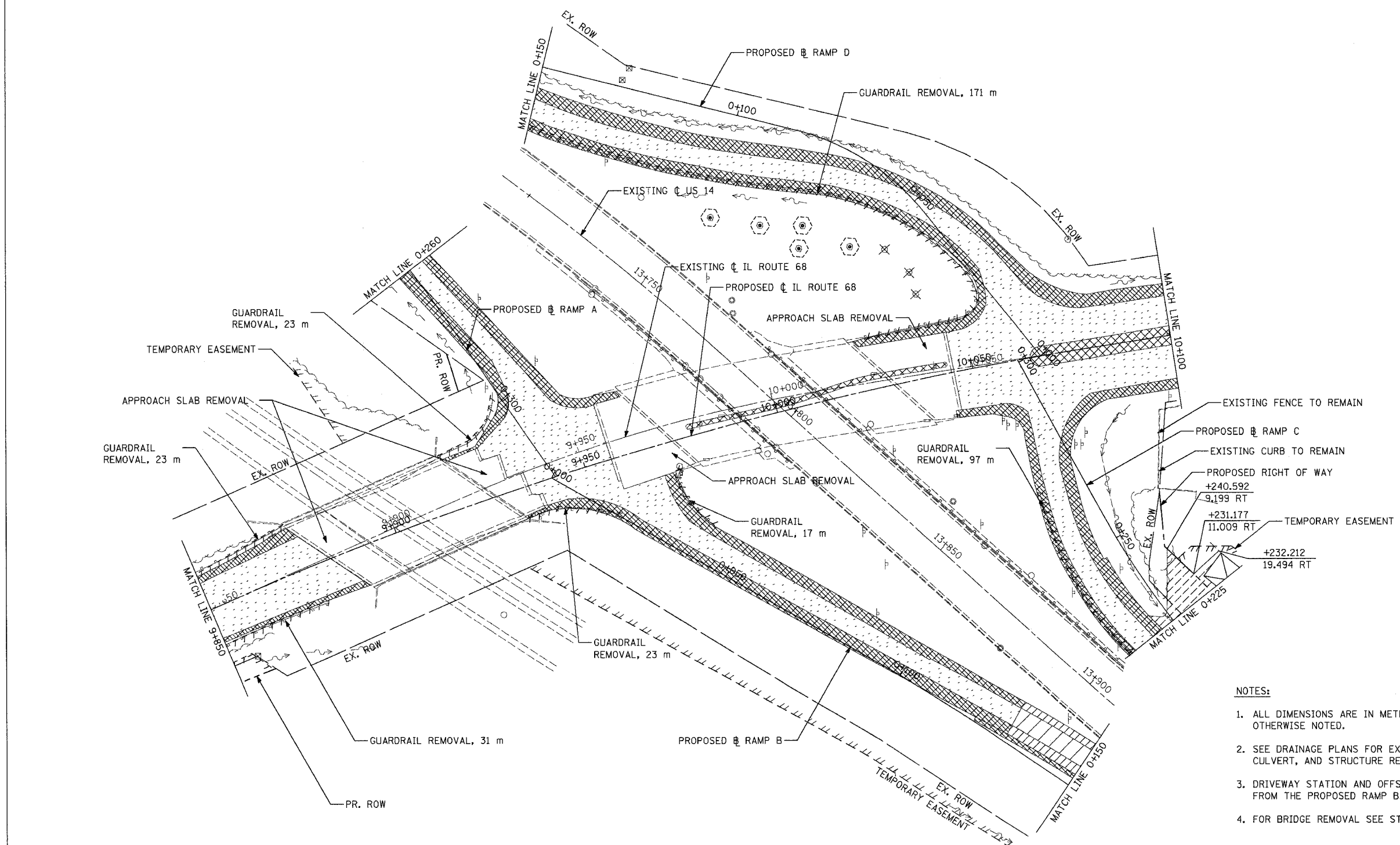
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 ALIGNMENT, TIES AND BENCHMARKS

SCALE 1:1000  
 DATE OCTOBER, 2006

DRAWN BY WMB  
 CHECKED BY PK

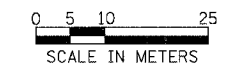
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	23
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE DRAINAGE PLANS FOR EXISTING PIPE, CULVERT, AND STRUCTURE REMOVALS.
  3. DRIVEWAY STATION AND OFFSETS ARE MEASURED FROM THE PROPOSED RAMP BASELINE.
  4. FOR BRIDGE REMOVAL SEE STRUCTURAL PLANS.

**REMOVAL LEGEND**

	CONCRETE PAVEMENT REMOVAL		BITUMINOUS PAVEMENT REMOVAL	TTTTTTTT	ITEM TO BE REMOVED
	CONCRETE SHOULDER REMOVAL		BITUMINOUS SHOULDER REMOVAL	X	ITEM TO BE REMOVED
	CONCRETE MEDIAN REMOVAL		BITUMINOUS DRIVEWAY REMOVAL		TREE TRUNK PROTECTION



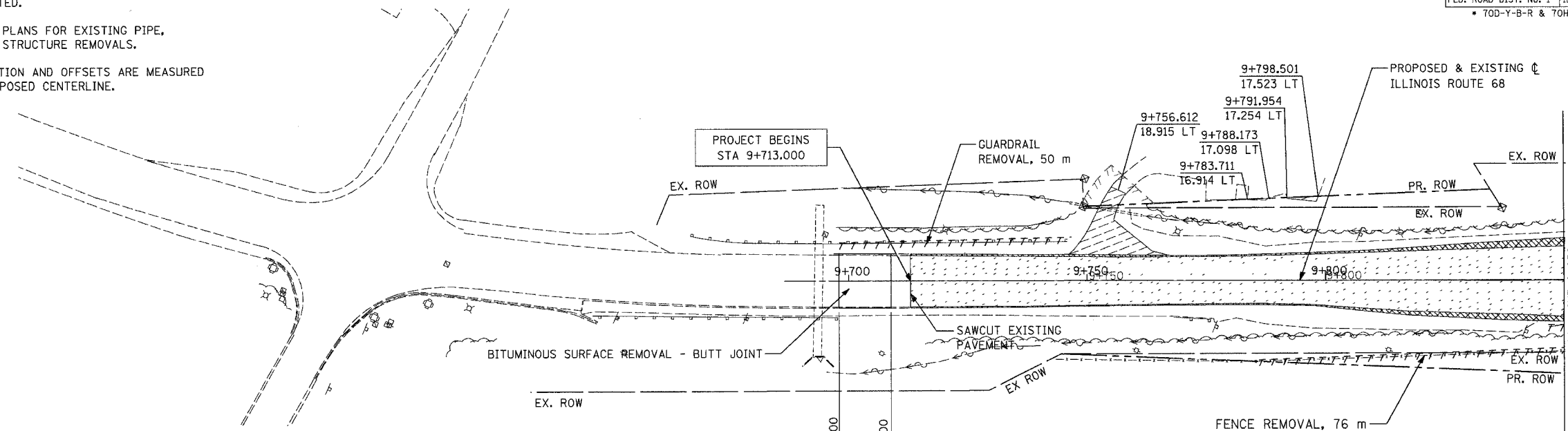
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68 EXISTING PLAN & REMOVALS - 1 ILLINOIS ROUTE 68 STA. 9+850 TO STA. 10+100
NAME	DATE	

SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	24
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		

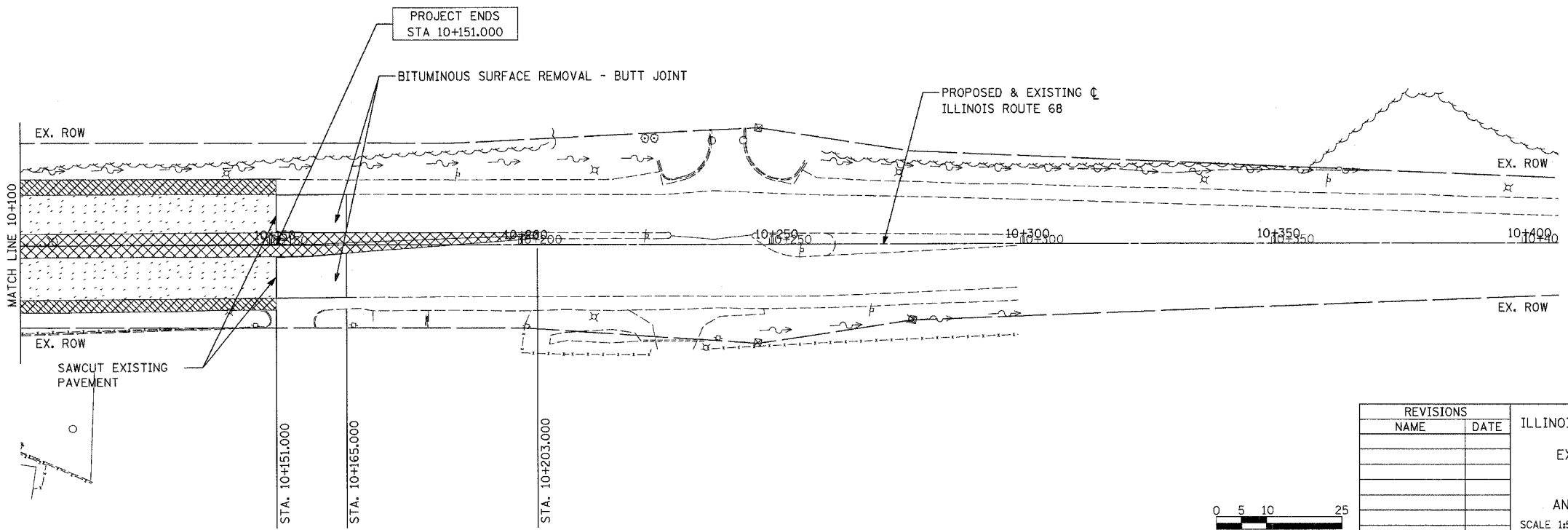
**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE DRAINAGE PLANS FOR EXISTING PIPE, CULVERT, AND STRUCTURE REMOVALS.
3. DRIVEWAY STATION AND OFFSETS ARE MEASURED FROM THE PROPOSED CENTERLINE.

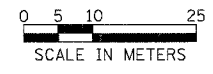


**REMOVAL LEGEND**

	CONCRETE PAVEMENT REMOVAL		BITUMINOUS PAVEMENT REMOVAL		ITEM TO BE REMOVED
	CONCRETE SHOULDER REMOVAL		BITUMINOUS SHOULDER REMOVAL		ITEM TO BE REMOVED
	CONCRETE MEDIAN REMOVAL		BITUMINOUS DRIVEWAY REMOVAL		TREE TRUNK PROTECTION



REVISIONS	
NAME	DATE



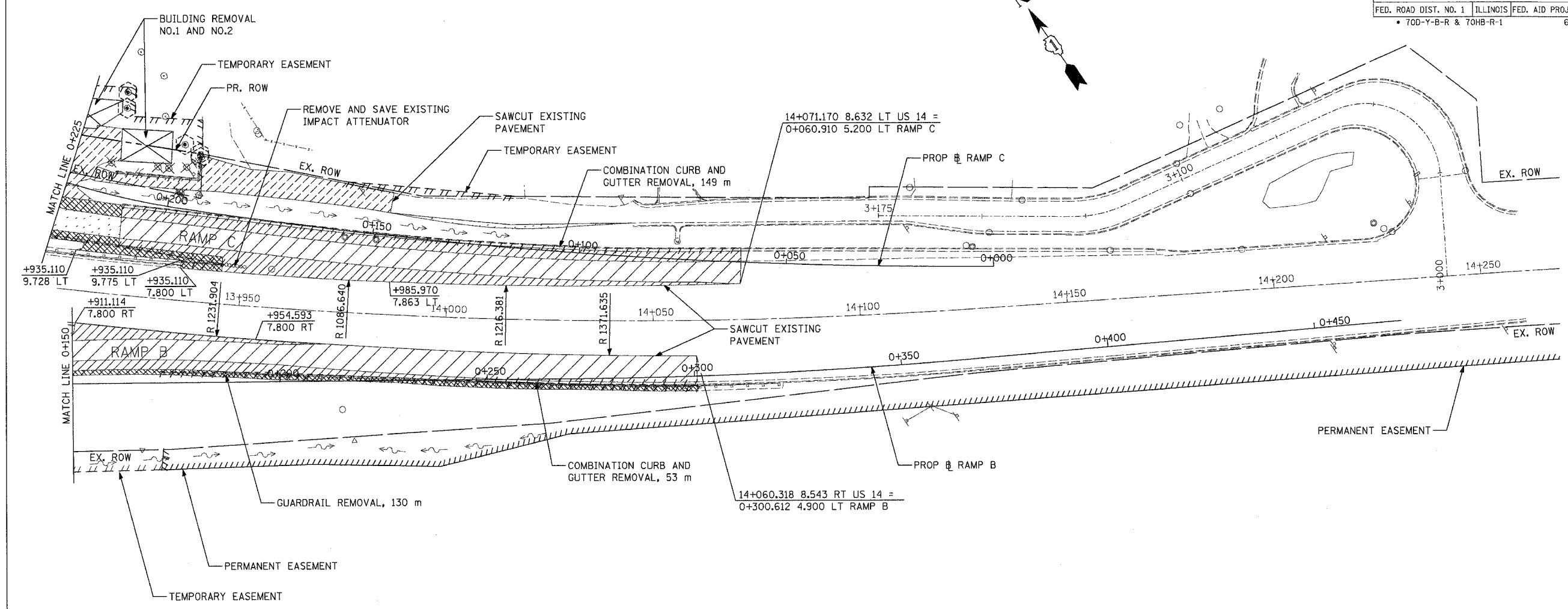
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 EXISTING PLAN & REMOVALS - 2  
 ILLINOIS ROUTE 68  
 STA. 9+698 TO STA. 9+850  
 AND STA. 10+100 TO STA. 10+203

SCALE 1:500  
 DATE OCTOBER, 2006  
 DRAWN BY GRH  
 CHECKED BY PK





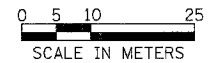
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	26
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
• 70D-Y-B-R & 70HB-R-1				62897



**REMOVAL LEGEND**

	CONCRETE PAVEMENT REMOVAL		BITUMINOUS PAVEMENT REMOVAL		ITEM TO BE REMOVED
	CONCRETE SHOULDER REMOVAL		BITUMINOUS SHOULDER REMOVAL		ITEM TO BE REMOVED
	CONCRETE MEDIAN REMOVAL		BITUMINOUS DRIVEWAY REMOVAL		TREE TRUNK PROTECTION

- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  - SEE DRAINAGE PLANS FOR EXISTING PIPE, CULVERT, AND STRUCTURE REMOVALS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
EXISTING PLAN & REMOVALS - 4  
ILLINOIS ROUTE 68  
STA. 13+900 TO STA. 14+270 US 14  
SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	-	COOK	283	27
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
70D-Y-B-R & 70HB-R-1		62897		

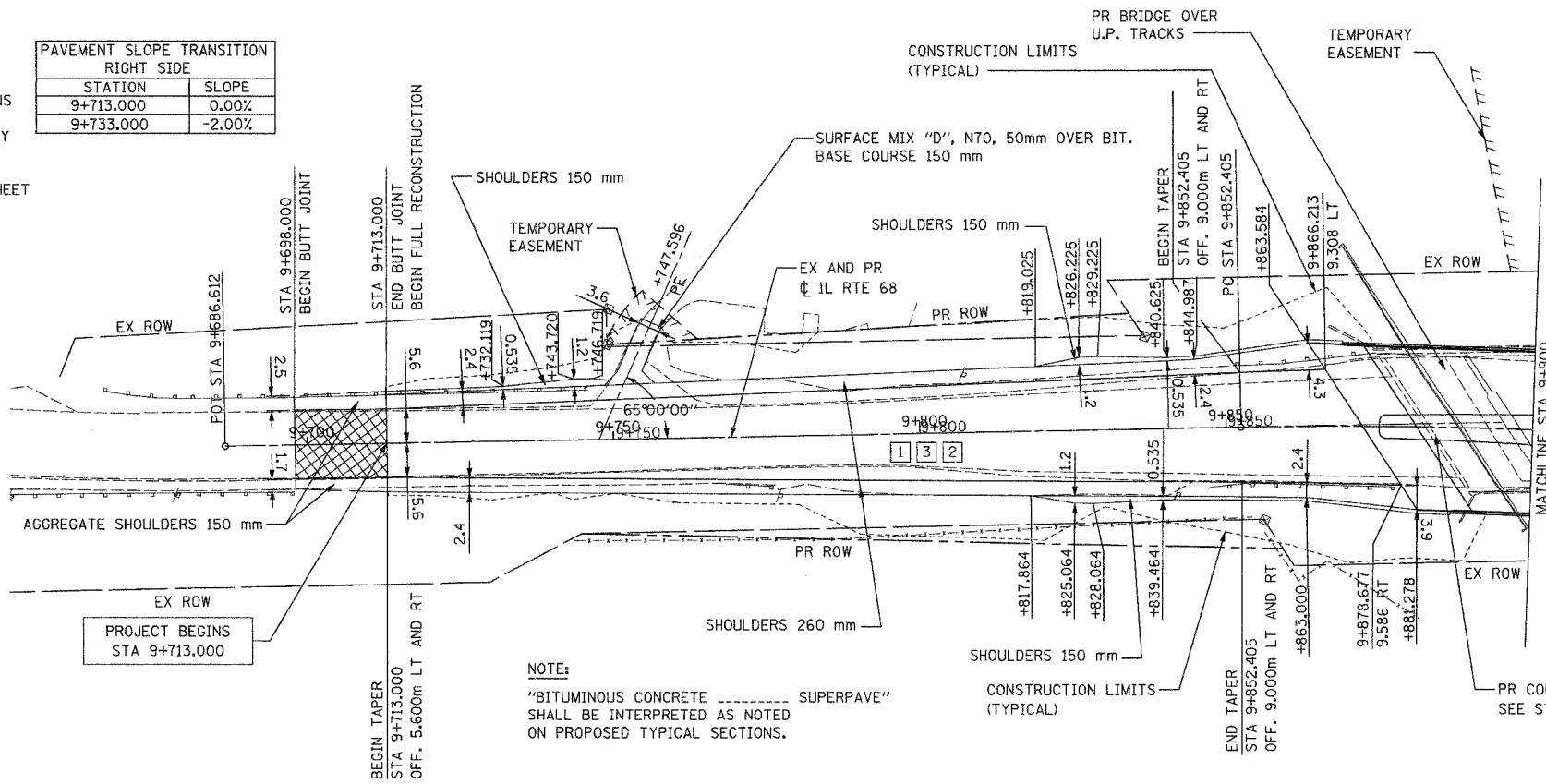
**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED
2. FOR BRIDGE INFORMATION SEE STRUCTURAL PLANS
3. FOR TRANSITION OF THE RIGHT SIDE OF ROADWAY FROM SUPERELEVATED EXISTING CONDITION TO NORMAL CROWN PROPOSED CONDITION, AT THE BEGINNING OF THE PROJECT, SEE TABLE THIS SHEET
4. FOR PROPOSED GUARDRAIL LOCATIONS SEE PAVEMENT MARKING AND LANDSCAPING PLANS
5. FOR PROPOSED FENCE SEE PAVEMENT MARKING AND LANDSCAPING PLANS
6. FOR MORE SUPERELEVATION INFORMATION SEE SUPERELEVATION TRANSITION DETAIL
7. FOR MORE BUTT JOINT INFORMATION SEE BUTT JOINT DETAILS.

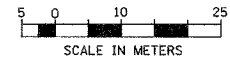
PAVEMENT SLOPE TRANSITION RIGHT SIDE	
STATION	SLOPE
9+713.000	0.00%
9+733.000	-2.00%

**LEGEND:**

- 1 PCC PAVEMENT, 260 mm (JOINTED)
- 2 AGGREGATE SUBGRADE 300 mm
- 3 STABILIZED SUB-BASE 115 mm

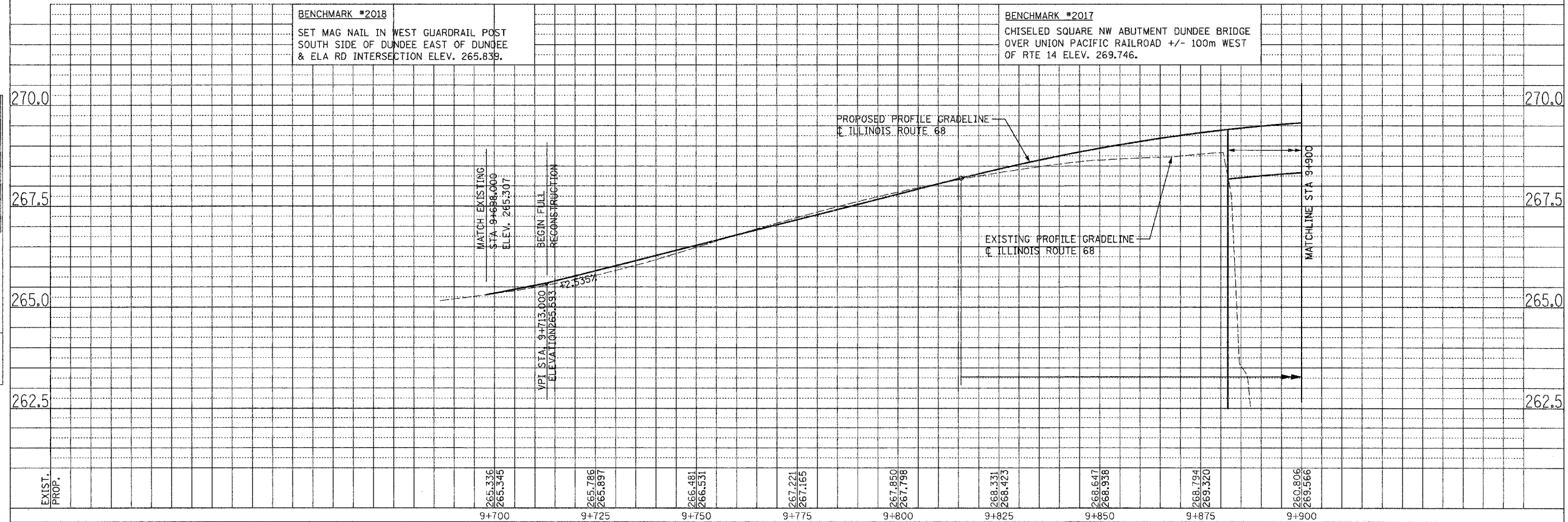


PROP. CURVE 68\_CURVE\_1  
 PI STA = 9+966.854  
 $\Delta = 14^\circ 54' 14''$  (RT)  
 R = 875.000 m  
 T = 114.450 m  
 L = 227.607 m  
 E = 7.453 m  
 e = 2.4%  
 T.R. = 27.500 m  
 S.E. RUN. = 33.000 m  
 P.C. STA = 9+852.405  
 P.T. STA = 10+080.012



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	
	FILE NAME	

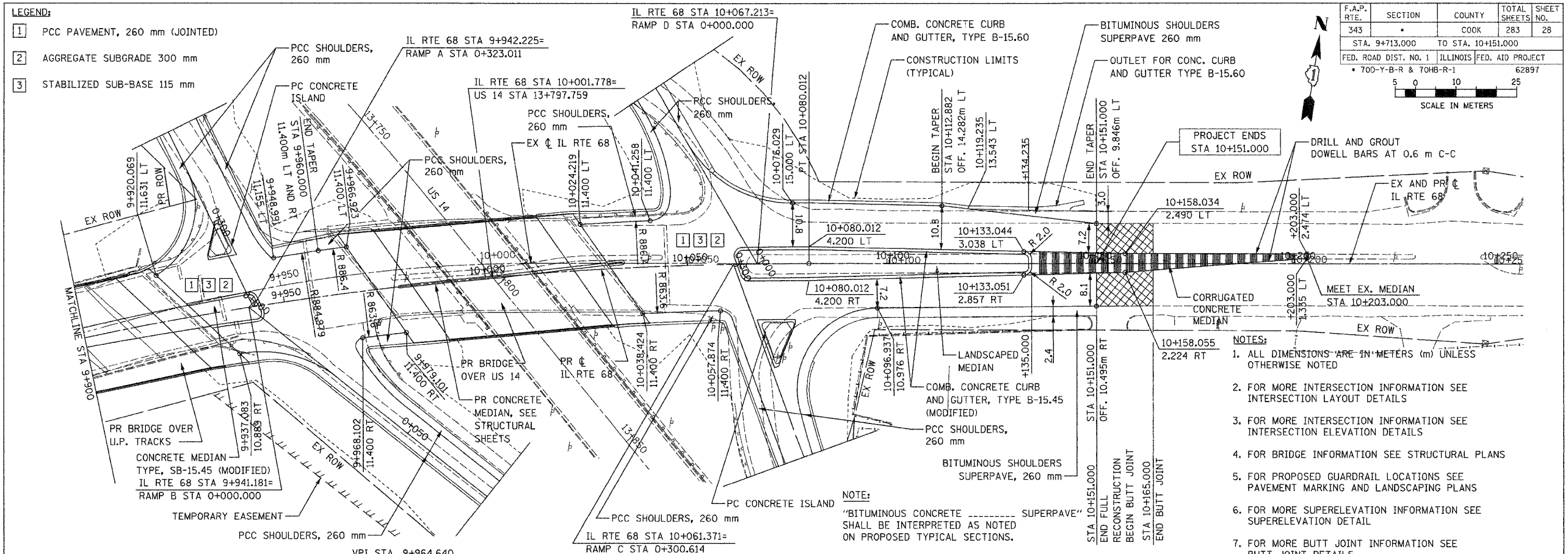
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO.	
	STRUCTURE	
	NOTATION	



**LEGEND:**

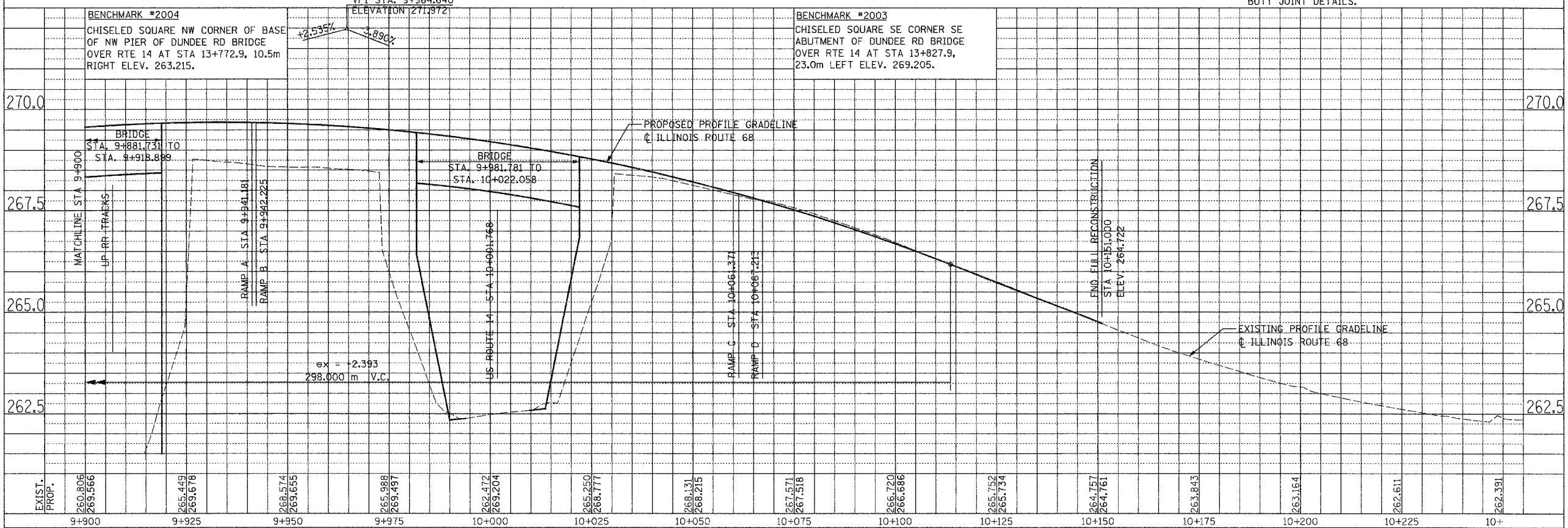
- 1 PCC PAVEMENT, 260 mm (JOINTED)
- 2 AGGREGATE SUBGRADE 300 mm
- 3 STABILIZED SUB-BASE 115 mm

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
ALIGNMENT	CHECKED	
NO.	BY	
	FILE NAME	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	28
STA. 9+713.000 TO STA. 10+151.000				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
700-Y-B-R & 70HB-R-1 62897				

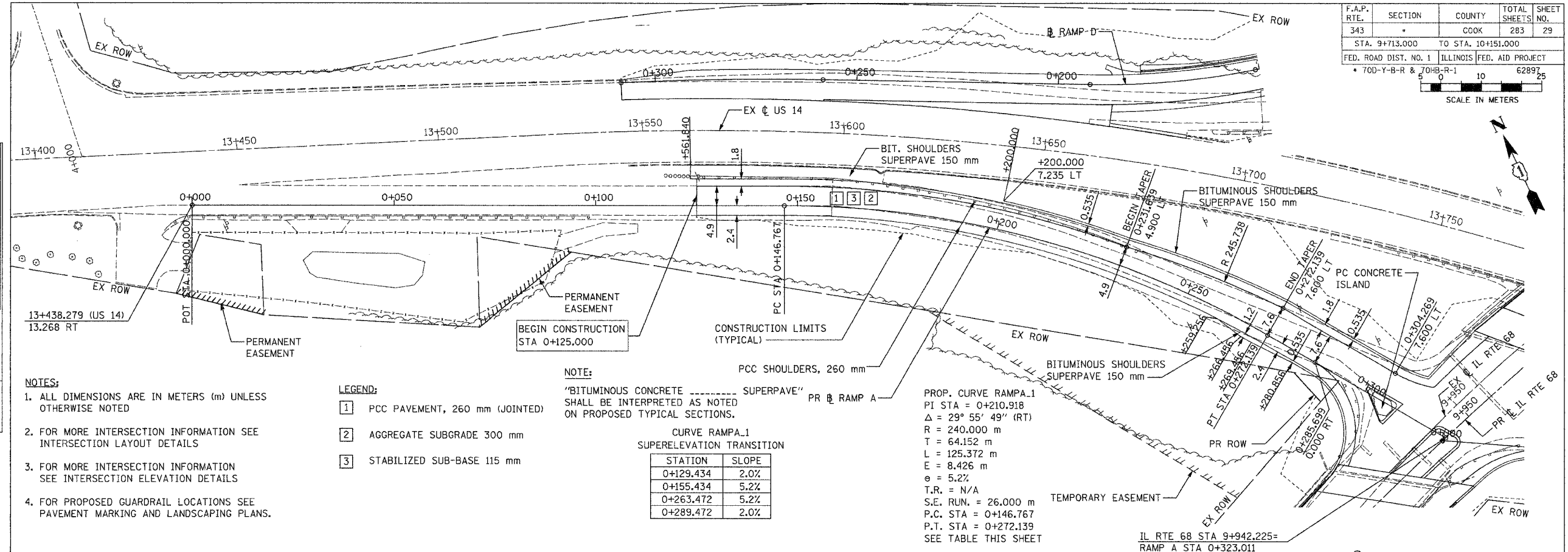
SCALE IN METERS



PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
GRADES	CHECKED	
NO.	BY	
	NOTATIONS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	29
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70H-B-R-1		62897		25

SCALE IN METERS



- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED
  - FOR MORE INTERSECTION INFORMATION SEE INTERSECTION LAYOUT DETAILS
  - FOR MORE INTERSECTION INFORMATION SEE INTERSECTION ELEVATION DETAILS
  - FOR PROPOSED GUARDRAIL LOCATIONS SEE PAVEMENT MARKING AND LANDSCAPING PLANS.

- LEGEND:**
- 1 PCC PAVEMENT, 260 mm (JOINTED)
  - 2 AGGREGATE SUBGRADE 300 mm
  - 3 STABILIZED SUB-BASE 115 mm

**NOTE:**  
"BITUMINOUS CONCRETE SUPERPAVE" PR RAMP A SHALL BE INTERPRETED AS NOTED ON PROPOSED TYPICAL SECTIONS.

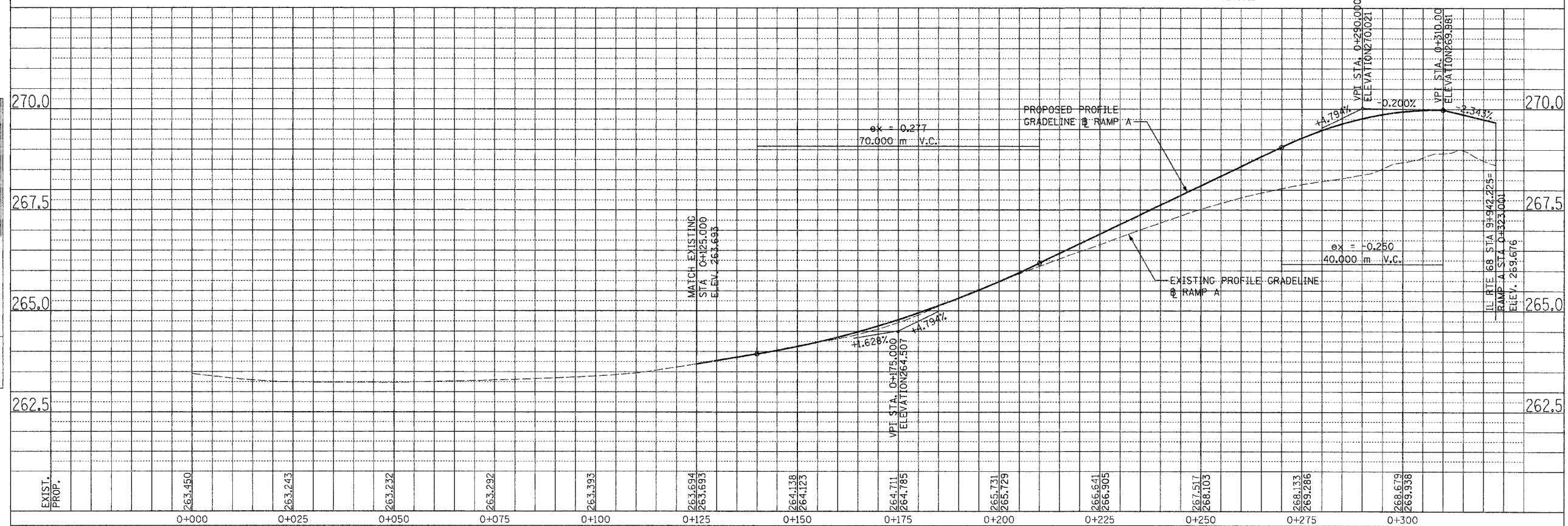
**CURVE RAMP A\_1 SUPERELEVATION TRANSITION**

STATION	SLOPE
0+129.434	2.0%
0+155.434	5.2%
0+263.472	5.2%
0+289.472	2.0%

PROP. CURVE RAMP A\_1  
 PI STA = 0+210.918  
 $\Delta = 29^\circ 55' 49''$  (RT)  
 R = 240.000 m  
 T = 64.152 m  
 L = 125.372 m  
 E = 8.426 m  
 $e = 5.2\%$   
 T.R. = N/A  
 S.E. RUN. = 26.000 m  
 P.C. STA = 0+146.767  
 P.T. STA = 0+272.139  
 SEE TABLE THIS SHEET

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK ALIGNED CHECKED	
	NO. _____	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK GRADES CHECKED	
	NO. _____	
	STRUCTURE NOTATIONS CHKD	



SCALE: H= 1:500, V=1:50 RAMP A-PROPOSED PLAN AND PROFILE -3

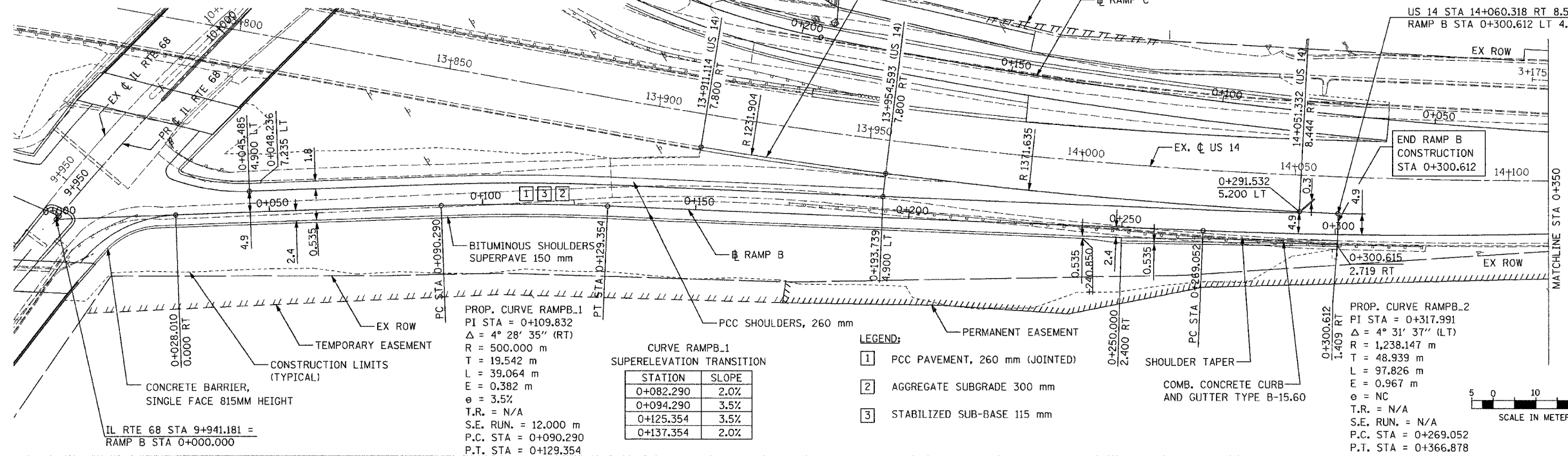
C:\Users\jshelton\OneDrive\Documents\11/26/2008 4:15:07 PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	30
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		62897
700-Y-B-R & 704B-R-1				

- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED
  - FOR MORE INTERSECTION INFORMATION SEE INTERSECTION LAYOUT DETAILS
  - FOR MORE INTERSECTION INFORMATION SEE INTERSECTION ELEVATION DETAILS
  - FOR PROPOSED GUARDRAIL LOCATIONS SEE PAVEMENT MARKING AND LANDSCAPING PLANS
  - FOR MORE CONCRETE BARRIER INFORMATION SEE INTERSECTION DETAILS - 1.

**NOTE:**  
 "BITUMINOUS CONCRETE SUPERPAVE" SHALL BE INTERPRETED AS NOTED ON PROPOSED TYPICAL SECTIONS.

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	RT. OF WAY CHECKED	
	NO.	
	CADD FILE NAME	



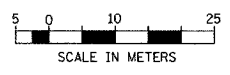
**PROP. CURVE RAMPB.1**  
 PI STA = 0+109.832  
 $\Delta = 4^\circ 28' 35''$  (RT)  
 R = 500.000 m  
 T = 19.542 m  
 L = 39.064 m  
 E = 0.382 m  
 $e = 3.5\%$   
 T.R. = N/A  
 S.E. RUN. = 12.000 m  
 P.C. STA = 0+090.290  
 P.T. STA = 0+129.354  
 SEE TABLE THIS SHEET

**CURVE RAMPB.1 SUPERELEVATION TRANSITION**

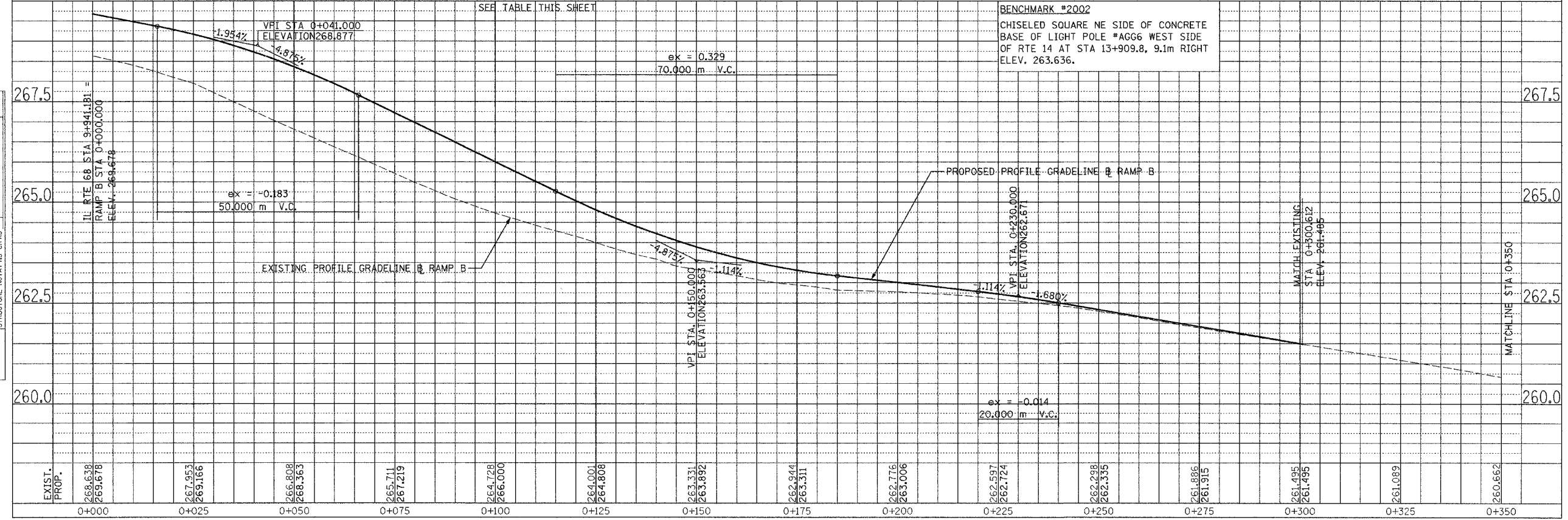
STATION	SLOPE
0+082.290	2.0%
0+094.290	3.5%
0+125.354	3.5%
0+137.354	2.0%

- LEGEND:**
- PCC PAVEMENT, 260 mm (JOINTED)
  - AGGREGATE SUBGRADE 300 mm
  - STABILIZED SUB-BASE 115 mm
- SHOULDER TAPER  
 COMB. CONCRETE CURB AND GUTTER TYPE B-15.60

**PROP. CURVE RAMPB.2**  
 PI STA = 0+317.991  
 $\Delta = 4^\circ 31' 37''$  (LT)  
 R = 1,238.147 m  
 T = 48.939 m  
 L = 97.826 m  
 E = 0.967 m  
 $e = NC$   
 T.R. = N/A  
 S.E. RUN. = N/A  
 P.C. STA = 0+269.052  
 P.T. STA = 0+366.878

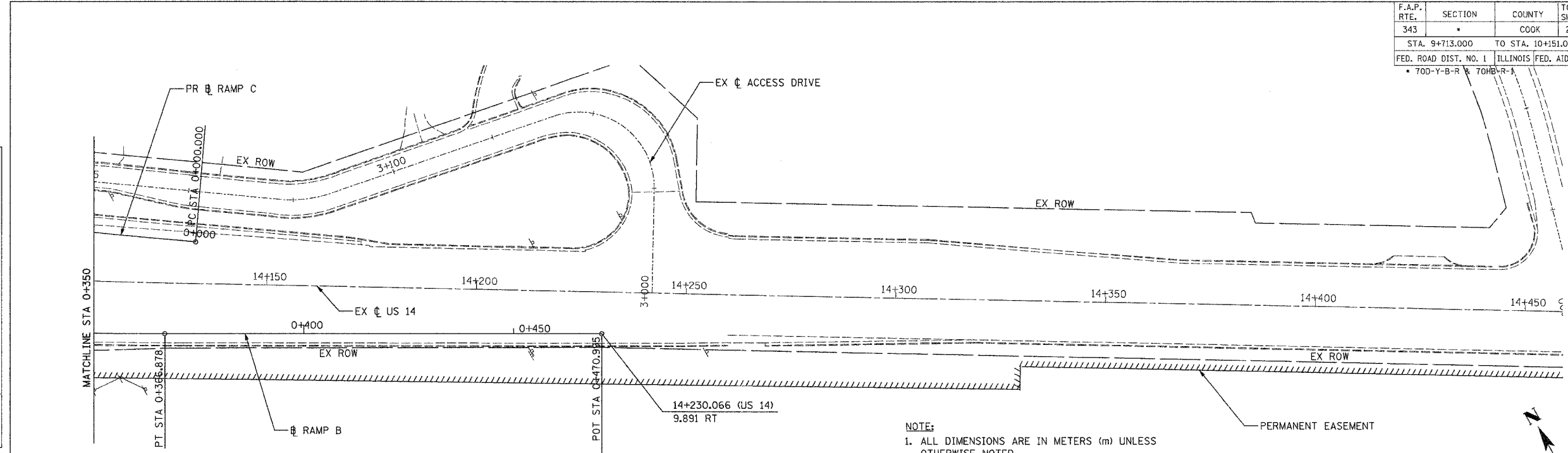


PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	B.M. NOTED	
	STRUCTURE NOTATIONS CHKD	
	NO.	



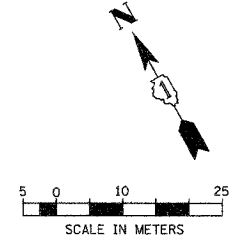
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	31
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

PLAN	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	

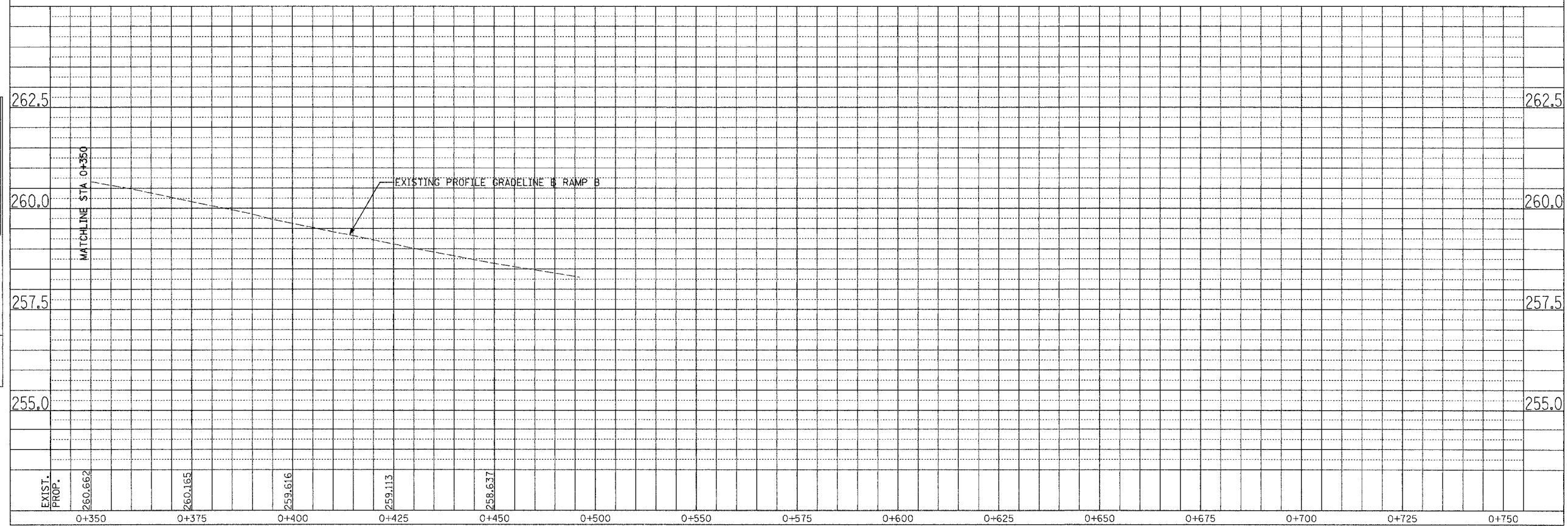


NOTE:  
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.

NOTE:  
"BITUMINOUS CONCRETE" SUPERPAVE SHALL BE INTERPRETED AS NOTED ON PROPOSED TYPICAL SECTIONS.



PROFILE	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
NO.	
STRUCTURE NOTATIONS CHKD	



SCALE: H= 1:500, V=1:50

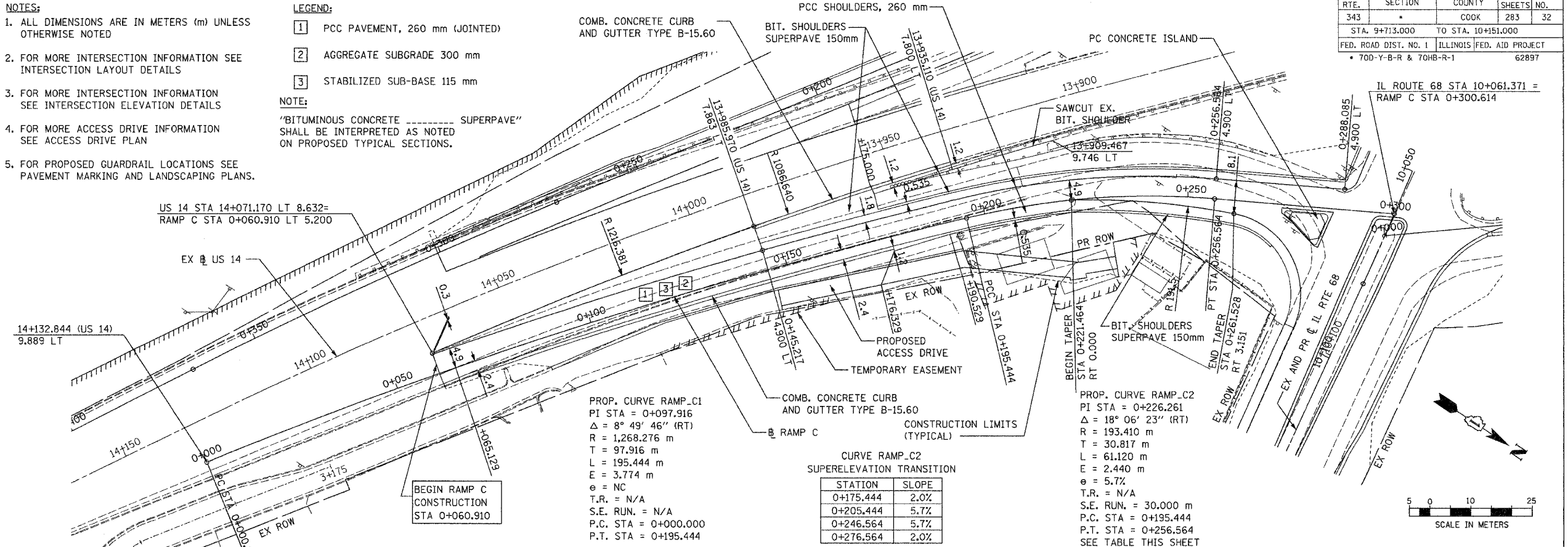
RAMP B-PROPOSED PLAN AND PROFILE -5

DATE PLOTTED: 11/14/2005 4:18:28 PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	32
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

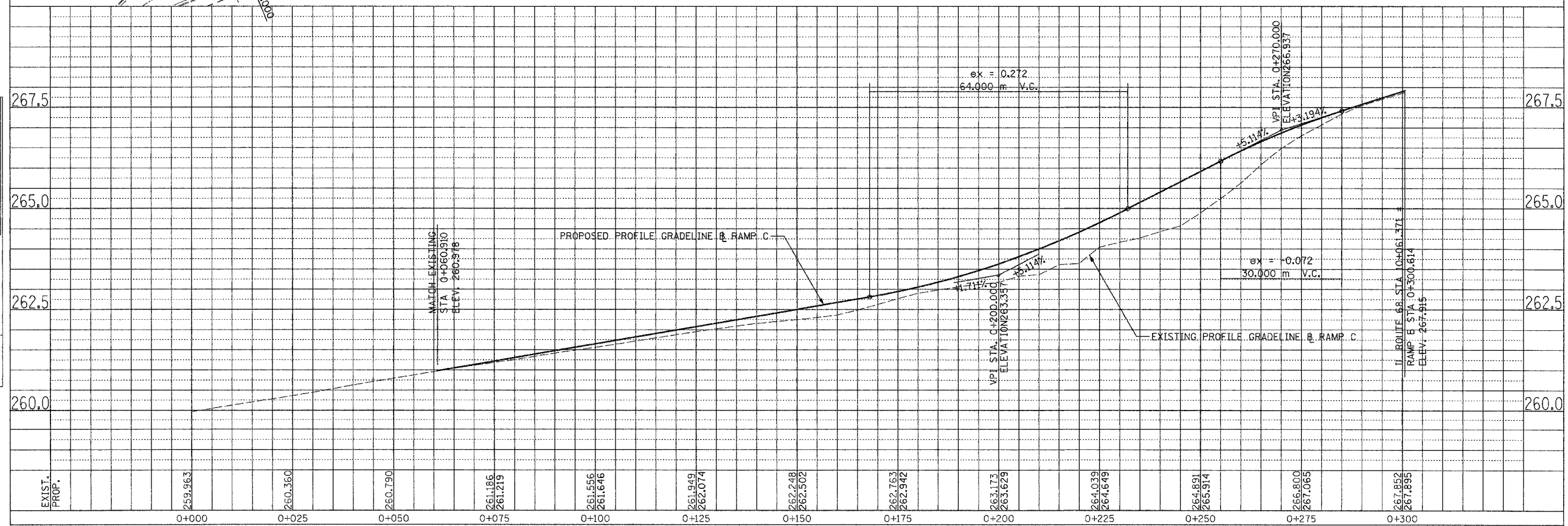
- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED
  2. FOR MORE INTERSECTION INFORMATION SEE INTERSECTION LAYOUT DETAILS
  3. FOR MORE INTERSECTION INFORMATION SEE INTERSECTION ELEVATION DETAILS
  4. FOR MORE ACCESS DRIVE INFORMATION SEE ACCESS DRIVE PLAN
  5. FOR PROPOSED GUARDRAIL LOCATIONS SEE PAVEMENT MARKING AND LANDSCAPING PLANS.

- LEGEND:**
- 1 PCC PAVEMENT, 260 mm (JOINTED)
  - 2 AGGREGATE SUBGRADE 300 mm
  - 3 STABILIZED SUB-BASE 115 mm
- NOTE:**  
"BITUMINOUS CONCRETE SUPERPAVE" SHALL BE INTERPRETED AS NOTED ON PROPOSED TYPICAL SECTIONS.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	NO.	
	STRUCTURE NOTATIONS CHKD	



RAMP C-PROPOSED PLAN AND PROFILE -6



CURVE RAMP\_D1  
SUPERELEVATION TRANSITION

STATION	SLOPE
0+015.601	2.6%
0+066.464	-6.0%
0+122.464	2.0%

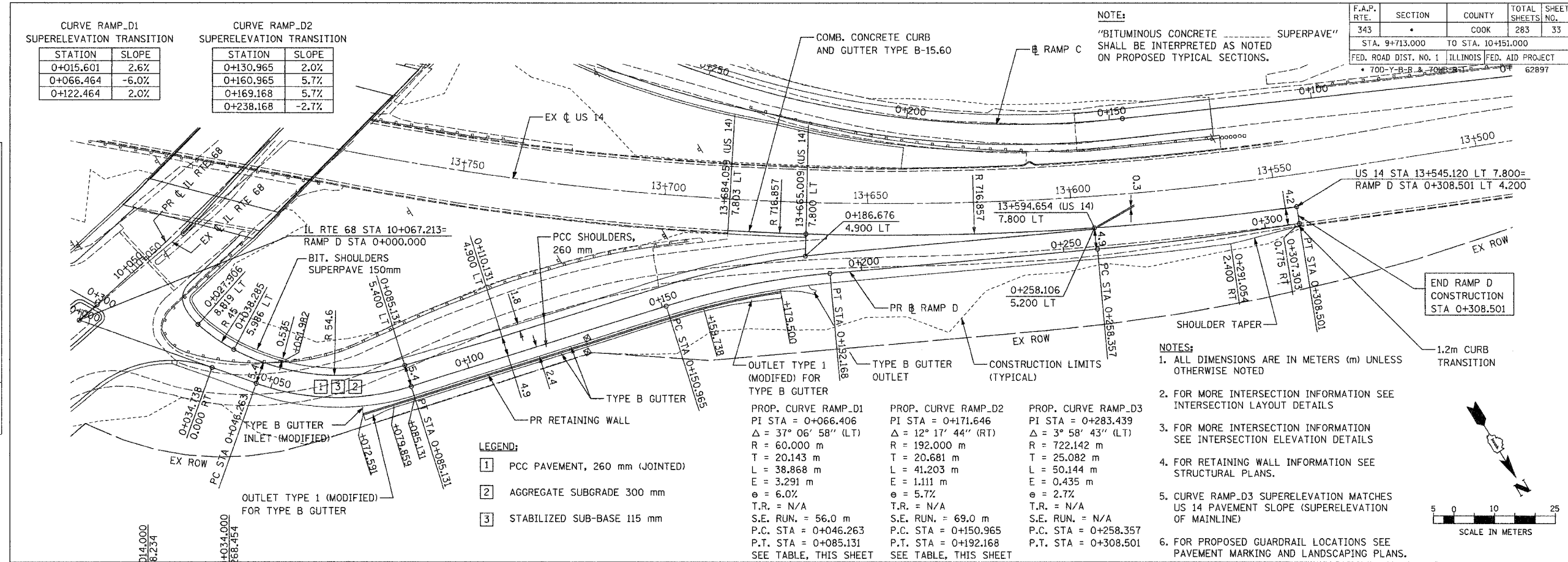
CURVE RAMP\_D2  
SUPERELEVATION TRANSITION

STATION	SLOPE
0+130.965	2.0%
0+160.965	5.7%
0+169.168	5.7%
0+238.168	-2.7%

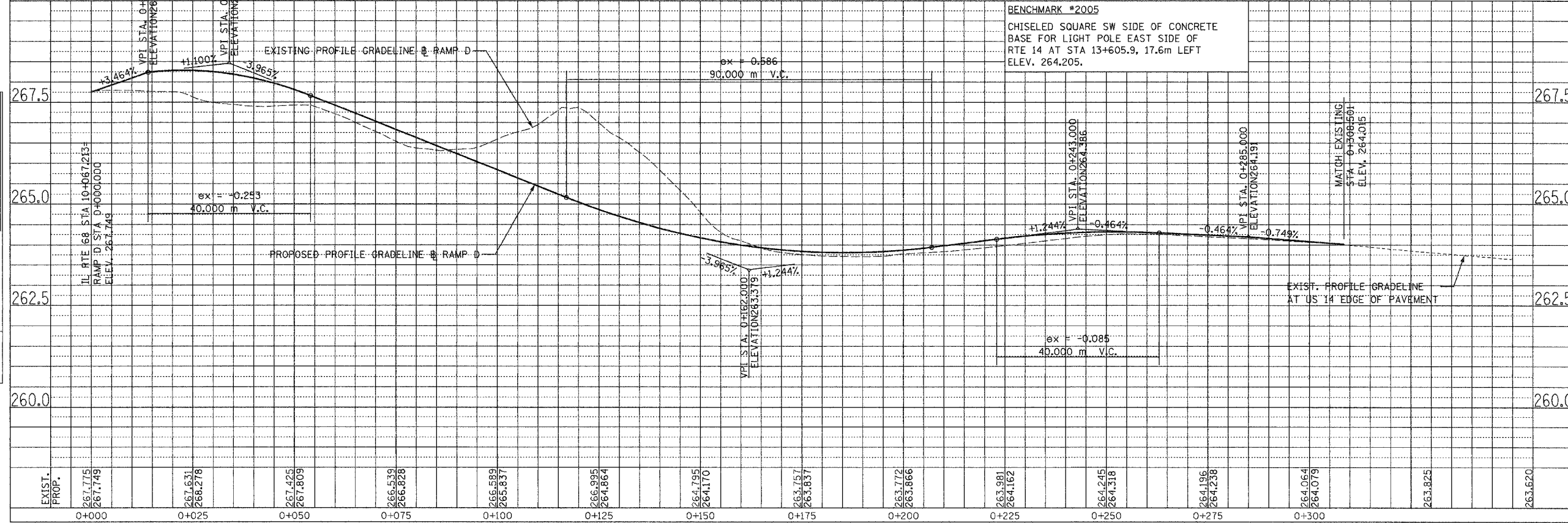
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	33
STA. 9+713.000 TO STA. 10+151.000				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
700-Y-B-R & 700-B-R				
62897				

NOTE:  
"BITUMINOUS CONCRETE SUPERPAVE"  
SHALL BE INTERPRETED AS NOTED  
ON PROPOSED TYPICAL SECTIONS.

PLAN	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
ALIGNED	
CHECKED	
NO.	
CADD FILE NAME	



PROFILE	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
GRADES CHECKED	
NO.	
STRUCTURE NOTATIONS CHK'D	

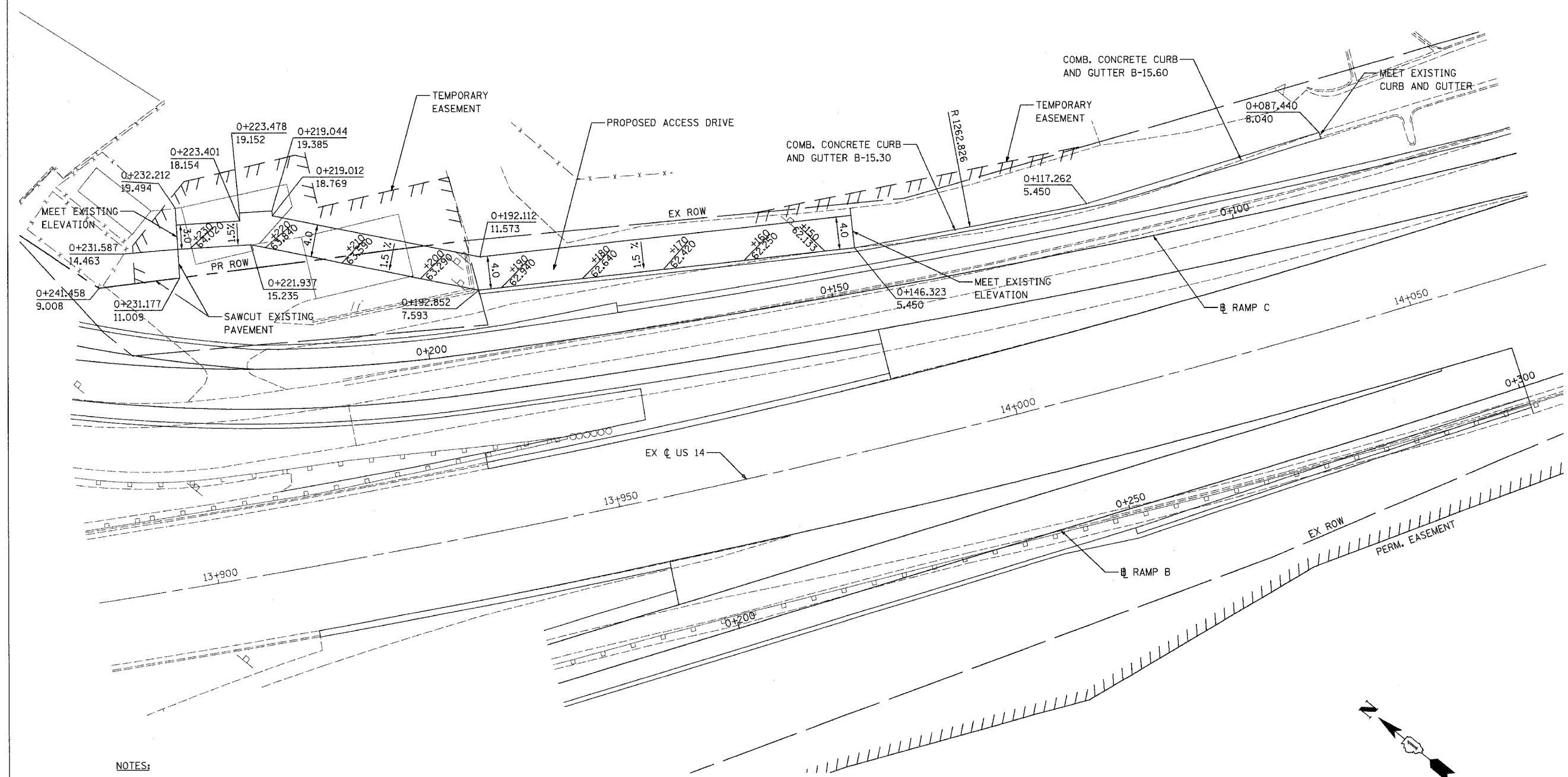


SCALE: H= 1:500, V=1:50

RAMP D-PROPOSED PLAN AND PROFILE -7

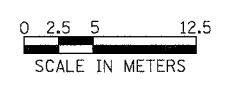
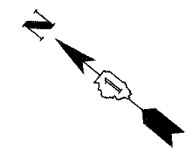
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	34
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE SHOWN
2. ALL ELEVATIONS ARE 200 m ABOVE THOSE SHOWN
3. SHOWN STATIONS AND OFFSETS ARE FROM RAMP C BASELINE
4. PROPOSED ACCESS DRIVE PAVEMENT IS BITUMINOUS CONCRETE SURFACE, SUPERPAVE, MIX "D", N70, 50 mm OVER BIT. BASE COURSE, SUPERPAVE, 200 mm
5. FOR RAMP C INFORMATION SEE PLAN AND PROFILE PLANS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68

ACCESS DRIVE

SCALE 1:250  
DATE OCTOBER, 2006

DRAWN BY GRH  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	35
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		

GENERAL STAGING NOTES

1. POSITIVE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES, FRAMES AND GRATES ON STRUCTURES TO BE FILLED SHALL BE SALVAGED AND DELIVERED TO IDOT.
2. USE AGGREGATE FOR TEMPORARY ACCESS OR INCIDENTAL BITUMINOUS SURFACING AND SIGNING AT DRIVEWAYS AND SIDE STREETS AS REQUIRED TO MAINTAIN ACCESS AND AT THE DIRECTION OF THE ENGINEER.
3. CONTRACTOR TO COORDINATE MAILBOX RELOCATION WITH POSTAL AUTHORITIES TO PROVIDE CONTINUED SERVICE THROUGHOUT CONSTRUCTION.
4. TEMPORARY CONCRETE BARRIER SHALL BE USED WHERE DIFFERENCE BETWEEN EXISTING AND PROPOSED GRADE IS GREATER THAN 0.3 m.
5. CONTRACTOR SHALL REMOVE OR MASK EXISTING PAVEMENT MARKING WHERE REQUIRED TO AVOID CONFLICTS WITH TEMPORARY PAVEMENT MARKING.
6. TRAFFIC CONTROL SHALL CONFORM TO STANDARD 701326 AND AS SHOWN ON THE PLANS.
7. A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION AT ALL TIMES BETWEEN THE HOURS OF 7:00 AM TO 8:30 AM AND 3:00 PM TO 5:00 PM MONDAY THRU FRIDAY, LANES SHALL BE 3.3 METER MINIMUM WIDTH.
8. TEMPORARY PAVEMENT MARKINGS ON EXISTING PAVEMENT SHALL BE PAINT.
9. TEMPORARY PAVEMENT MARKINGS ON NEW PAVEMENT SHALL BE PAVEMENT MARKING TAPE, TYPE III.
10. FOR MORE DETAILS ON STAGE TRAFFIC SEE MOT TYPICAL SECTIONS AND MOT PLANS.
11. FOR MORE DETAILS ON RETAINING WALL CONSTRUCTION SEE STRUCTURAL PLANS.
12. TEMPORARY DRAINAGE DURING CONSTRUCTION STAGES WILL BE CONDUCTED BY CONTRACTOR AND APPROVED BY THE ENGINEER.

PRE-STAGE TRAFFIC

IL RTE 68 WB TRAFFIC, AT BRIDGE OVER UPRR, SHALL BE PARTLY MOVED TO EXISTING SHOULDER TO PROVIDE SPACE FOR BRIDGE BEAM REPLACEMENT. CONCRETE MEDIAN REPLACEMENT WITH TEMPORARY PAVEMENT AND ALL OTHER TEMPORARY PAVEMENT PLACEMENTS SHALL BE CONDUCTED BY USING DAILY CLOSURE IN ACCORDANCE TO IDOT STANDARDS.

PRE-STAGE CONSTRUCTION

DAMAGED CONCRETE BEAM AT THE BRIDGE OVER UPRR WILL BE REPLACED TO PROVIDE BETTER SUPPORT FOR TRAFFIC DURING STAGED CONSTRUCTION. CONCRETE MEDIANS SHALL BE REPLACED WITH TEMPORARY PAVEMENT, AS SHOWN ON STAGE 1A PLANS. TEMPORARY PAVEMENT SHALL BE PLACED IN FUTURE STAGES, AT ADDITIONAL LOCATIONS, AS SHOWN ON THE STAGING PLANS.

STAGE 1A TRAFFIC

IL RTE 68 TRAFFIC SHALL BE REDUCED TO ONE LANE IN EACH DIRECTION, USING THE EXISTING WB PAVEMENT (STANDARD 701606). TRAFFIC ON US 14 (NB & SB) MAY BE REDUCED TO THE INSIDE LANE, TO FACILITATE CONSTRUCTION OF THE STRUCTURE OVER US 14. ALL RAMPS SHALL REMAIN OPEN.

STAGE 1A CONSTRUCTION

CONSTRUCT IL RTE 68 (EB) FROM THE WEST PROJECT LIMITS TO THE EAST END OF THE PROPOSED STRUCTURE OVER US 14, EXCLUDING THE TERMINAL AREA FOR RAMP B (SB-ON). CONSTRUCT EB SECTIONS OF STRUCTURES OVER THE UP RAILROAD AND OVER US 14. ACCESS DRIVE WILL BE CONSTRUCTED DURING THIS STAGE.

STAGE 1B TRAFFIC

IL RTE 68 TRAFFIC SHALL REMAIN REDUCED TO ONE LANE IN EACH DIRECTION, CONTINUING USE OF THE EXISTING WB PAVEMENT, AS IN STAGE 1A. RAMP A (SB-OFF), AND RAMP D (NB-ON) SHALL REMAIN OPEN, WITH TRAFFIC USING THE EXISTING PAVEMENT. RAMP B (SB-ON), AND RAMP C (NB-OFF) WILL BE CLOSED DURING THIS STAGE. THE SECTION CONSTRUCTED IN STAGE 1A SHALL REMAIN CLOSED DURING STAGE 1B.

A DETOUR WILL BE PROVIDED FOR IL RTE 68 TO US 14 (SB), (RAMP B) AND FOR US 14 (NB) TRAFFIC EXITING TO IL RTE 68 (RAMP C). (SEE PROPOSED DETOUR ROUTE AND ACCOMPANYING NOTES).

US 14 (NB & SB) LANE WIDTHS SHALL BE REDUCED TO 3.3 m, TO FACILITATE CONSTRUCTION OF THE GORE AREAS FOR RAMP B (SB-ON) AND RAMP C (NB-OFF). TRAFFIC MAY RESUME USING WHOLE WIDTH OF PAVEMENT ONCE THE GORE AREAS ARE COMPLETED, OR AT A TIME DEEMED APPROPRIATE BY THE ENGINEER IN THE FIELD.

STAGE 1B CONSTRUCTION

CONSTRUCT RAMP B (SB-ON), AND RAMP C (NB-OFF) COMPLETE. CONSTRUCT IL RTE 68 (EB) FROM EAST END OF STRUCTURE OVER US 14, TO THE EAST PROJECT LIMITS.

AT THE END OF STAGE 1B CONSTRUCTION, PLACE TEMPORARY PAVEMENT AS INDICATED ON THE STAGING PLANS.

STAGE 2A TRAFFIC

IL RTE 68 TRAFFIC SHALL BE REDUCED TO ONE LANE IN EACH DIRECTION, USING THE NEWLY CONSTRUCTED EB PAVEMENT. RAMP A (SB-OFF) TRAFFIC WILL USE PARTIAL EXISTING PAVEMENT, AND THE TEMPORARY PAVEMENT PLACED PRIOR TO THE BEGINNING OF STAGE 2A. THE MOVEMENT, RAMP A (SB-OFF) TO IL RTE 68 (EB) WILL BE PROHIBITED DURING THIS STAGE.

NEWLY CONSTRUCTED RAMPS B & C WILL BE OPEN TO TRAFFIC. RAMP D (NB-ON) WILL REMAIN OPEN, USING EXISTING PAVEMENT.

US 14 (NB & SB) LANE WIDTHS SHALL BE REDUCED TO 3.3 m TO FACILITATE THE CONSTRUCTION OF RAMP A AND RAMP D. TRAFFIC MAY RESUME USING WHOLE WIDTH OF PAVEMENT ONCE THE CONSTRUCTION IS COMPLETED, OR AT A TIME DEEMED APPROPRIATE BY THE ENGINEER IN THE FIELD.

STAGE 2A CONSTRUCTION

CONSTRUCT EAST PORTION OF RAMP A (SB-OFF), INCLUDING TERMINAL AT IL RTE 68.

CONSTRUCT EAST PORTION OF RAMP D (SB-ON), INCLUDING RETAINING WALL.

AT THE END OF STAGE 2A CONSTRUCTION, PLACE TEMPORARY PAVEMENT AS INDICATED ON THE STAGING PLANS.

STAGE 2B TRAFFIC

IL RTE 68 TRAFFIC SHALL REMAIN REDUCED TO ONE LANE IN EACH DIRECTION, CONTINUING USE OF THE NEWLY CONSTRUCTED EB PAVEMENT AS IN STAGE 2A. RAMP A (SB-OFF) TRAFFIC WILL USE THE EAST PORTION, CONSTRUCTED IN STAGE 2A. NEWLY CONSTRUCTED RAMP B (SB-ON), RAMP C (NB-OFF) ARE OPEN. RAMP D (NB-ON) IS OPEN, USING EXISTING PAVEMENT.

STAGE 2B CONSTRUCTION

CONSTRUCT IL RTE 68 (WB) FROM THE WEST PROJECT LIMITS, (STA. 9+713), TO THE NEWLY CONSTRUCTED RAMP A TERMINAL BUILT IN STAGE 2A, INCLUDING THE REMAINDER OF THE STRUCTURE OVER THE UP RAILROAD.

CONSTRUCT IL RTE 68 (WB) FROM EAST END OF THE NEWLY CONSTRUCTED RAMP A TERMINAL, TO AND INCLUDING THE RAMP D (NB-ON) TERMINAL, AND THE REMAINDER OF THE STRUCTURE OVER US 14.

AT THE END OF STAGE 2B CONSTRUCTION, PLACE TEMPORARY PAVEMENT AS INDICATED ON THE STAGING PLANS.

STAGE 3A TRAFFIC

IL RTE 68 TRAFFIC SHALL REMAIN REDUCED TO ONE LANE IN EACH DIRECTION, CONTINUING USE OF THE NEWLY CONSTRUCTED EB PAVEMENT, AS IN STAGE 2B.

ALL RAMPS ARE OPEN TO TRAFFIC, WITH RAMP D (NB-ON) CONTINUING THE USE OF EXISTING PAVEMENT.

STAGE 3A CONSTRUCTION

CONSTRUCT IL RTE 68 (WB) FROM THE EAST SECTION OF THE NEWLY CONSTRUCTED RAMP D TERMINAL, BUILT IN STAGE 2B, TO THE EAST PROJECT LIMITS.

CONSTRUCT PARTIAL EAST SECTION OF RAMP D.

STAGE 3B TRAFFIC

NEWLY CONSTRUCTED IL RTE 68 (EB & WB) WILL BE OPEN TO TRAFFIC, WITH ONE LANE OF TRAVEL PERMITTED IN EACH DIRECTION. VEHICLES WILL BE SHIFTED TO THE OUTSIDE LANES OF IL RTE 68, AND REMAIN IN THOSE LANES UNTIL THROUGH THE WORK ZONE.

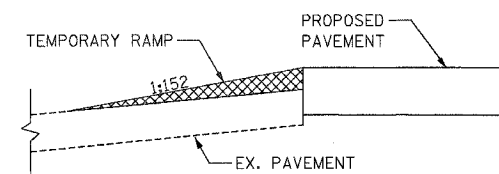
RAMP D TRAFFIC WILL TRAVEL ON THE NEWLY CONSTRUCTED EASTERN-MOST PAVEMENT UNTIL SAFELY OUT OF THE WORK ZONE. US 14 (NB) LANE WIDTHS SHALL BE REDUCED TO 3.3 m TO FACILITATE THE CONSTRUCTION OF THE GORE AREA FOR RAMP D. TRAFFIC MAY RESUME USING WHOLE WIDTH OF PAVEMENT ONCE THE GORE AREA IS COMPLETED, OR AT A TIME DEEMED APPROPRIATE BY THE ENGINEER IN THE FIELD.

STAGE 3B CONSTRUCTION

CONSTRUCT CENTER LANE FROM THE WEST PROJECT LIMITS, TO THE WEST END OF THE STRUCTURE OVER THE UP RAILROAD. CONSTRUCTION SHALL INCLUDE ALL CONCRETE MEDIANS, PLUS THE FINAL SECTION OF RAMP D. AFTER ALL MEDIAN AND PAVEMENT WORK IS COMPLETED, ALL LANDSCAPING AND SUBSEQUENT MISCELLANEOUS WORK SHALL BE PERFORMED.

NEW PAVEMENT SHALL BE CLEANED OF TEMPORARY PAVEMENT MARKING, AFTER WHICH PERMANENT PAVEMENT MARKING SHALL BE INSTALLED, PER PLAN.

ALL CONSTRUCTION STAGING IS SUGGESTED AND MAY BE REVISED ON WRITTEN APPROVAL FROM THE ENGINEER TWO WEEKS PRIOR TO STAGING WORK. THERE WILL BE NO INCREASE IN TRAFFIC CONTROL COSTS DUE TO THE CONTRACTOR REVISION OF THE PLAN CONSTRUCTION SEQUENCE.



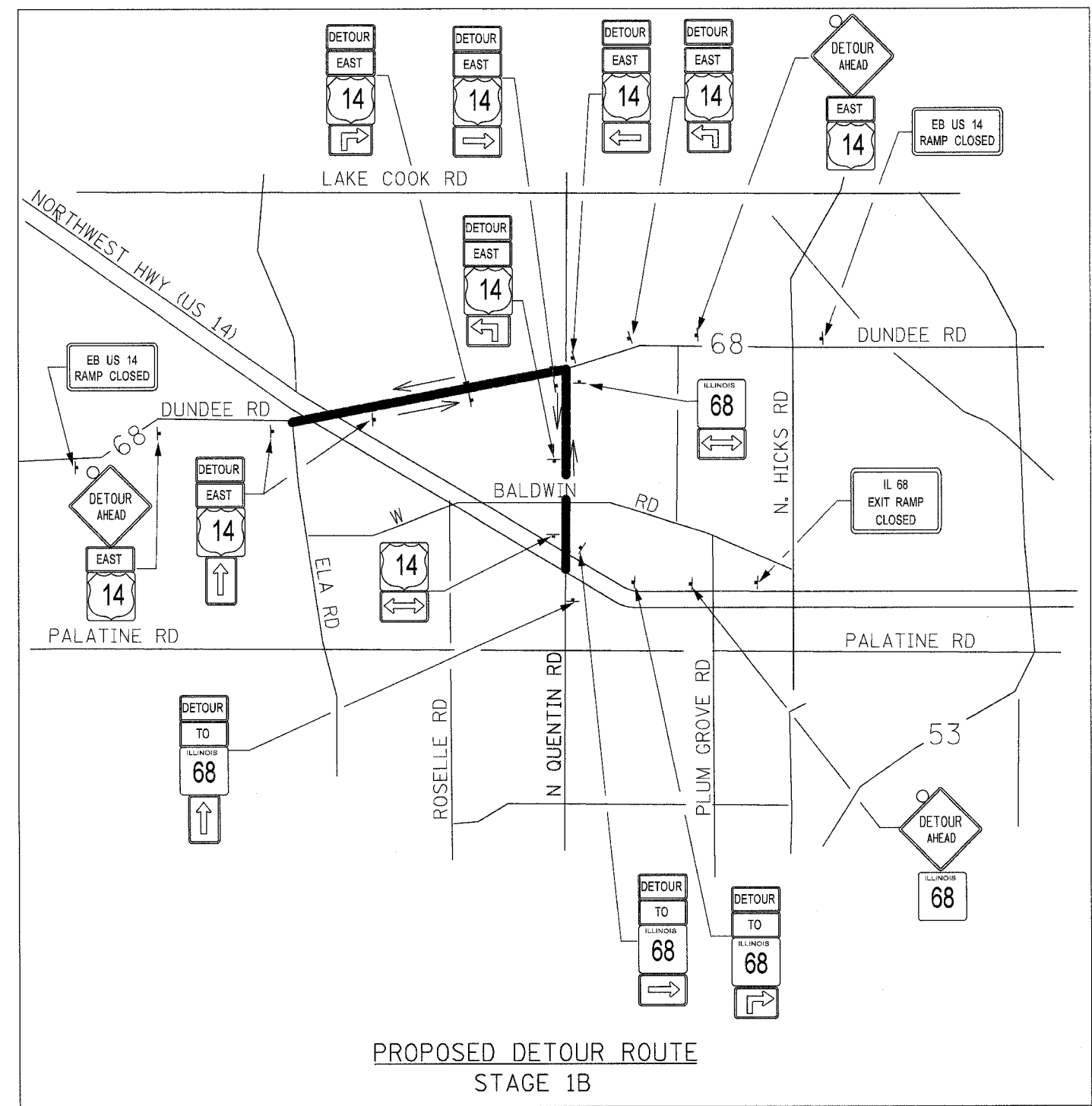
TEMPORARY RAMP DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
STAGE CONSTRUCTION  
GENERAL NOTES

SCALE NTS  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK

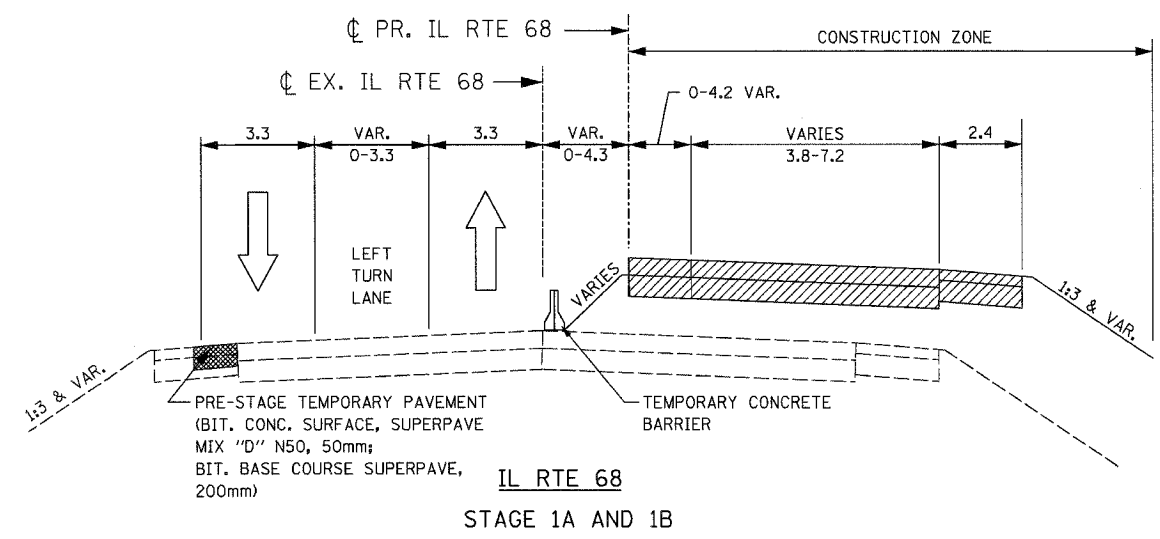
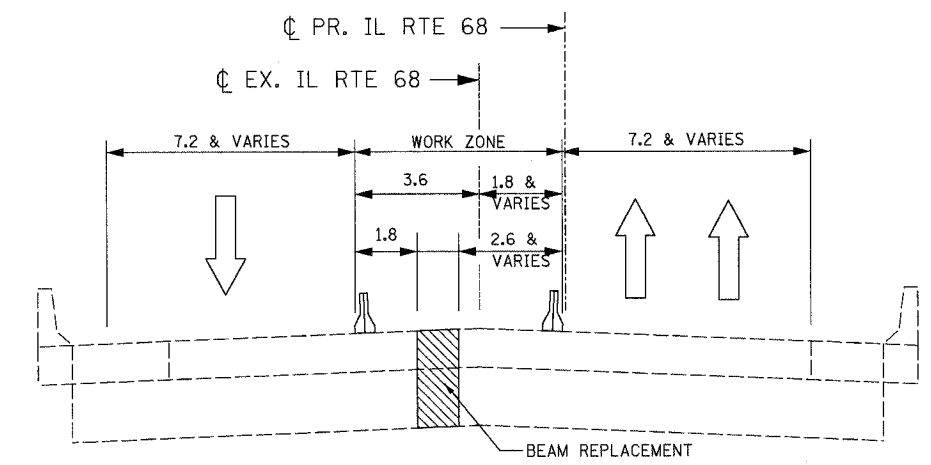
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	36
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
• 70D-Y-B-R & 70HB-R-1		62897		



**DETOUR NOTES:**

DURING STAGE 1B CONSTRUCTION, THE SOUTH RAMPS, RAMP B (SB-ON) AND RAMP C (NB-OFF), WILL BE CLOSED TO TRAFFIC. TRAFFIC WILL BE DETOURED AS FOLLOWS: IL RTE 68 WISHING TO TRAVEL EASTBOUND ON US 14 VIA RAMP B WILL BE DIRECTED EAST ALONG IL RTE 68 TO QUENTIN ROAD, THEN SOUTH ON QUENTIN ROAD TO US 14.

WESTBOUND US 14 TRAFFIC NORMALLY EXITING ON RAMP C WILL BE REDIRECTED TO NORTHBOUND QUENTIN ROAD, AND PROCEED NORTH TO THE INTERSECTION OF QUENTIN ROAD AND IL RTE 68.



**LEGEND:**

- CONSTRUCTION FROM PREVIOUS STAGE
- PROPOSED CONSTRUCTION DURING STAGE
- BARRICADE TYPE II

**NOTES:**

1. ALL DIMENSION ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. TYPICAL SECTIONS REFLECT APPROXIMATE LIMITS FOR EXISTING TRAFFIC AND CONSTRUCTION ZONE RELATIONSHIPS ONLY. SEE MOT PLANS AND NOTES FOR ADDITIONAL DETAILS.
3. FOR MORE CONCRETE BEAM REPLACEMENT INFORMATION SEE STRUCTURAL PLANS.

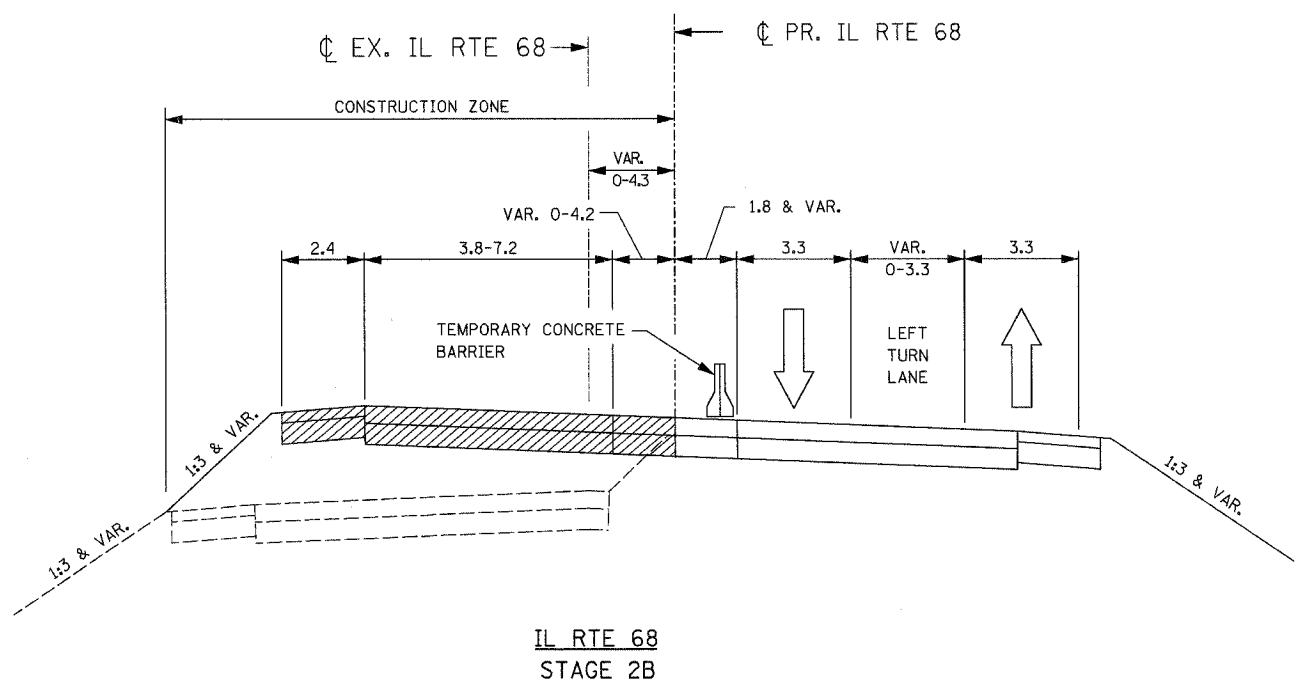
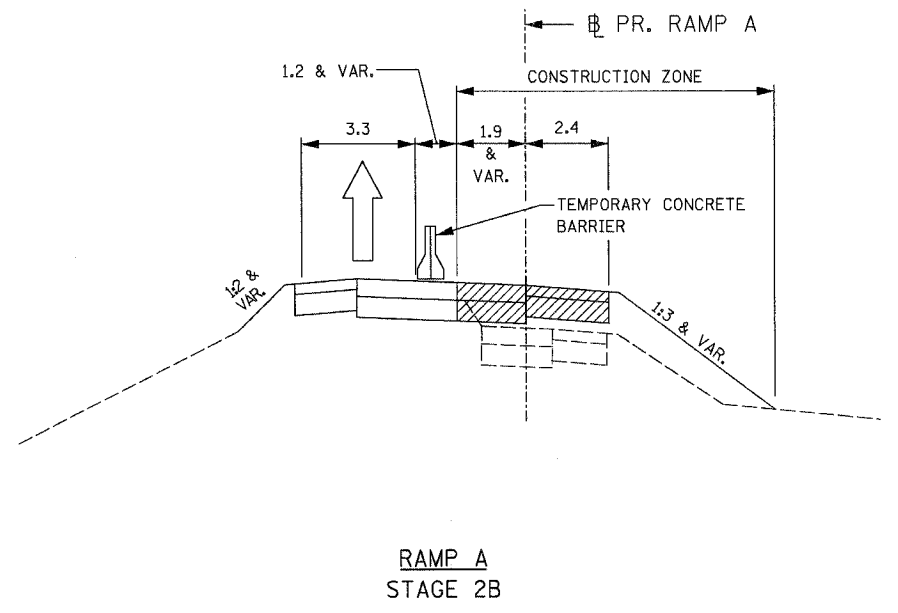
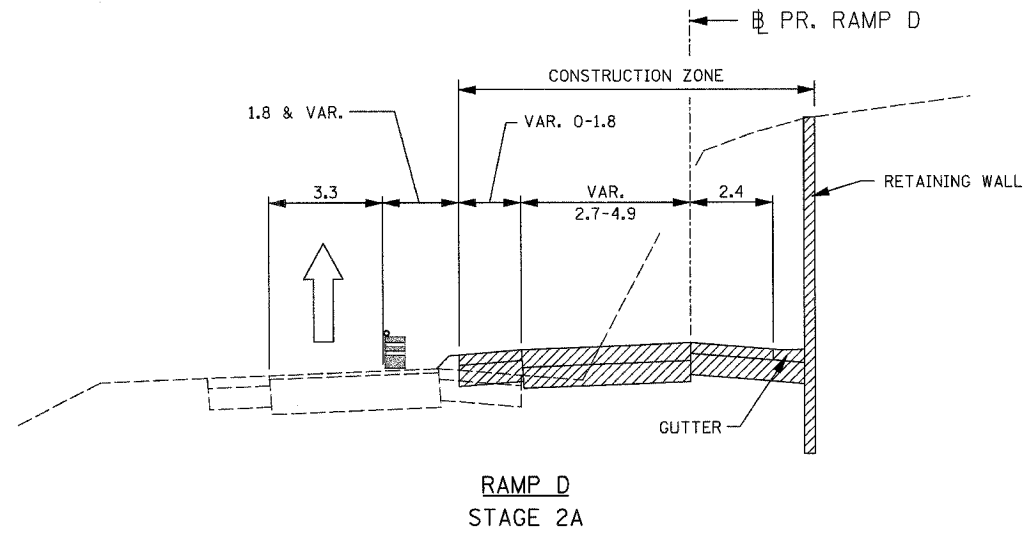
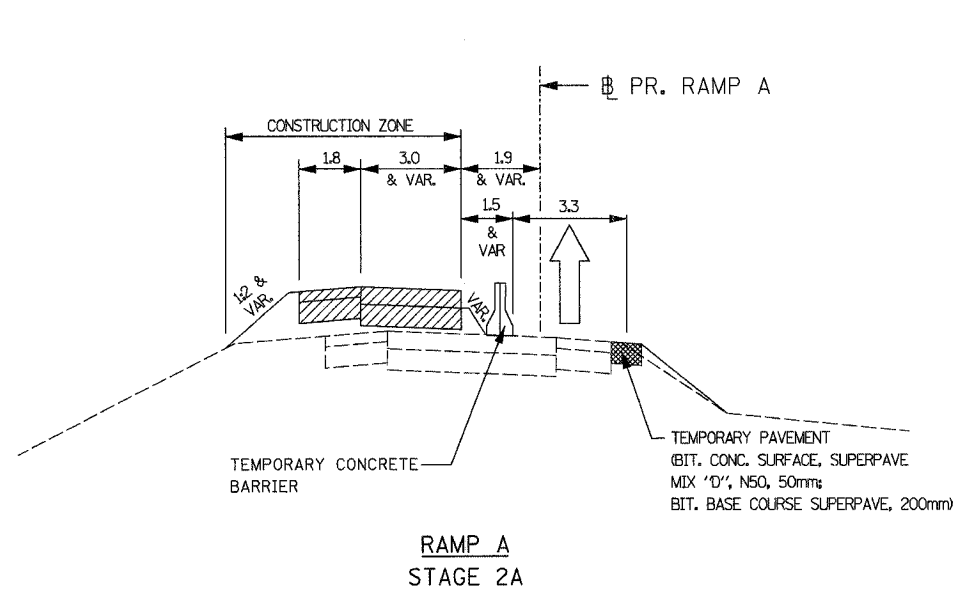
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTANANCE OF TRAFFIC  
TYPICAL SECTIONS PRESTAGE,  
STAGE 1A AND 1B  
DETOUR ROUTE STAGE 1B

SCALE NTS  
DATE OCTOBER, 2006

DRAWN BY RDT  
CHECKED BY PK




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	37
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



**NOTES:**

1. ALL DIMENSION ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. TYPICAL SECTIONS REFLECT APPROXIMATE LIMITS FOR EXISTING TRAFFIC AND CONSTRUCTION ZONE RELATIONSHIPS ONLY. SEE MOT PLANS AND NOTES FOR ADDITIONAL DETAILS.

**LEGEND:**

-  CONSTRUCTION FROM PREVIOUS STAGE
-  PROPOSED CONSTRUCTION DURING STAGE
-  BARRICADE TYPE II

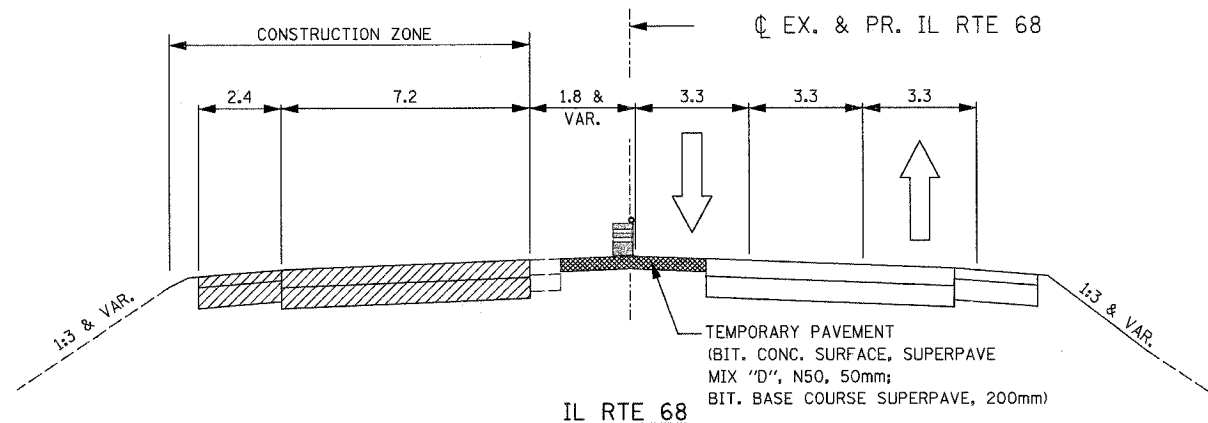
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTANANCE OF TRAFFIC  
TYPICAL SECTIONS  
STAGE 2A AND 2B

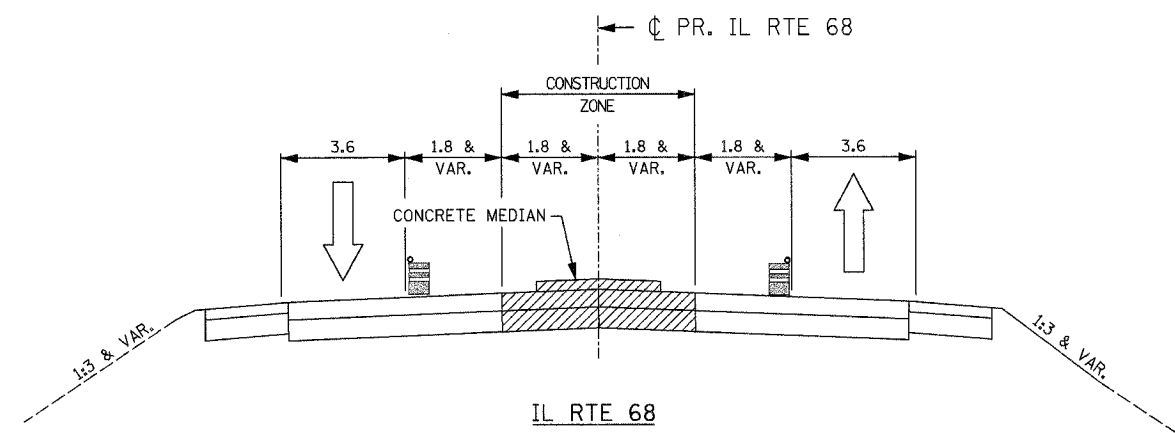
SCALE NTS  
DATE OCTOBER, 2006

DRAWN BY RDT  
CHECKED BY PK

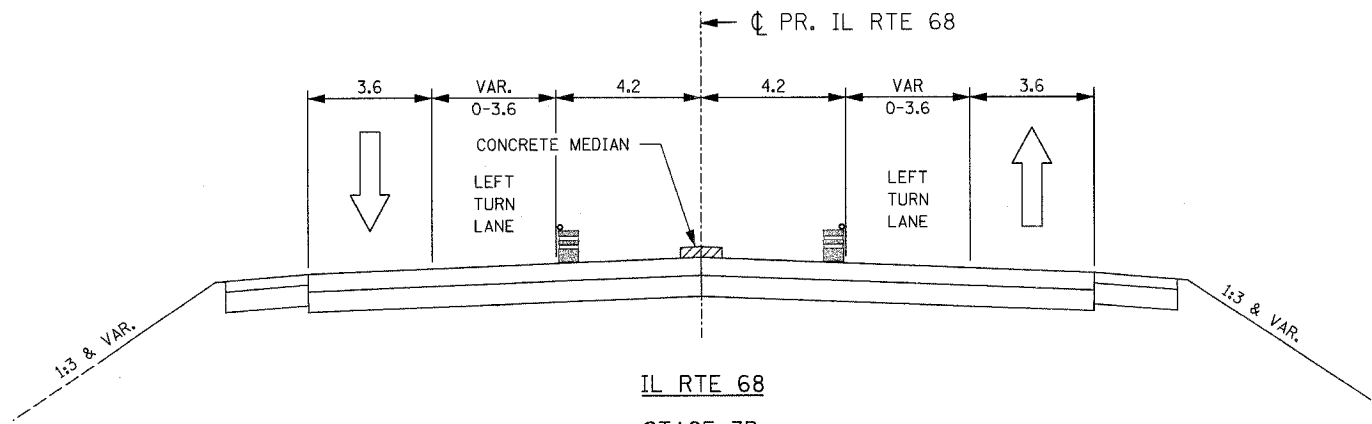
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	38
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• 70D-Y-B-R & 70HB-R-1 62897				



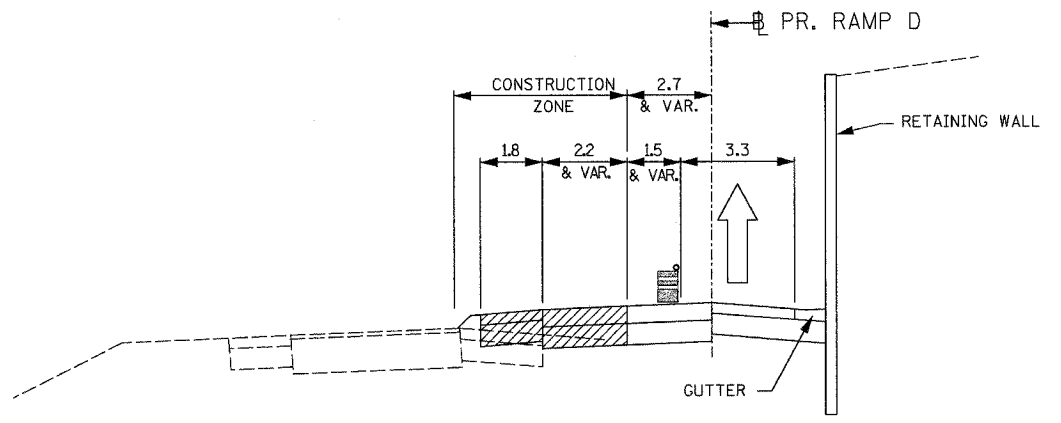
IL RTE 68  
STAGE 3A  
EAST OF THE EAST RAMP INTERSECTIONS



IL RTE 68  
STAGE 3B  
WEST OF THE WEST RAMP INTERSECTIONS  
EAST OF THE EAST RAMP INTERSECTIONS






IL RTE 68  
STAGE 3B  
EAST OF THE WEST RAMP INTERSECTIONS



RAMP D  
STAGE 3B

LEGEND:

-  CONSTRUCTION FROM PREVIOUS STAGE
-  PROPOSED CONSTRUCTION DURING STAGE
-  BARRICADE TYPE II

NOTES:

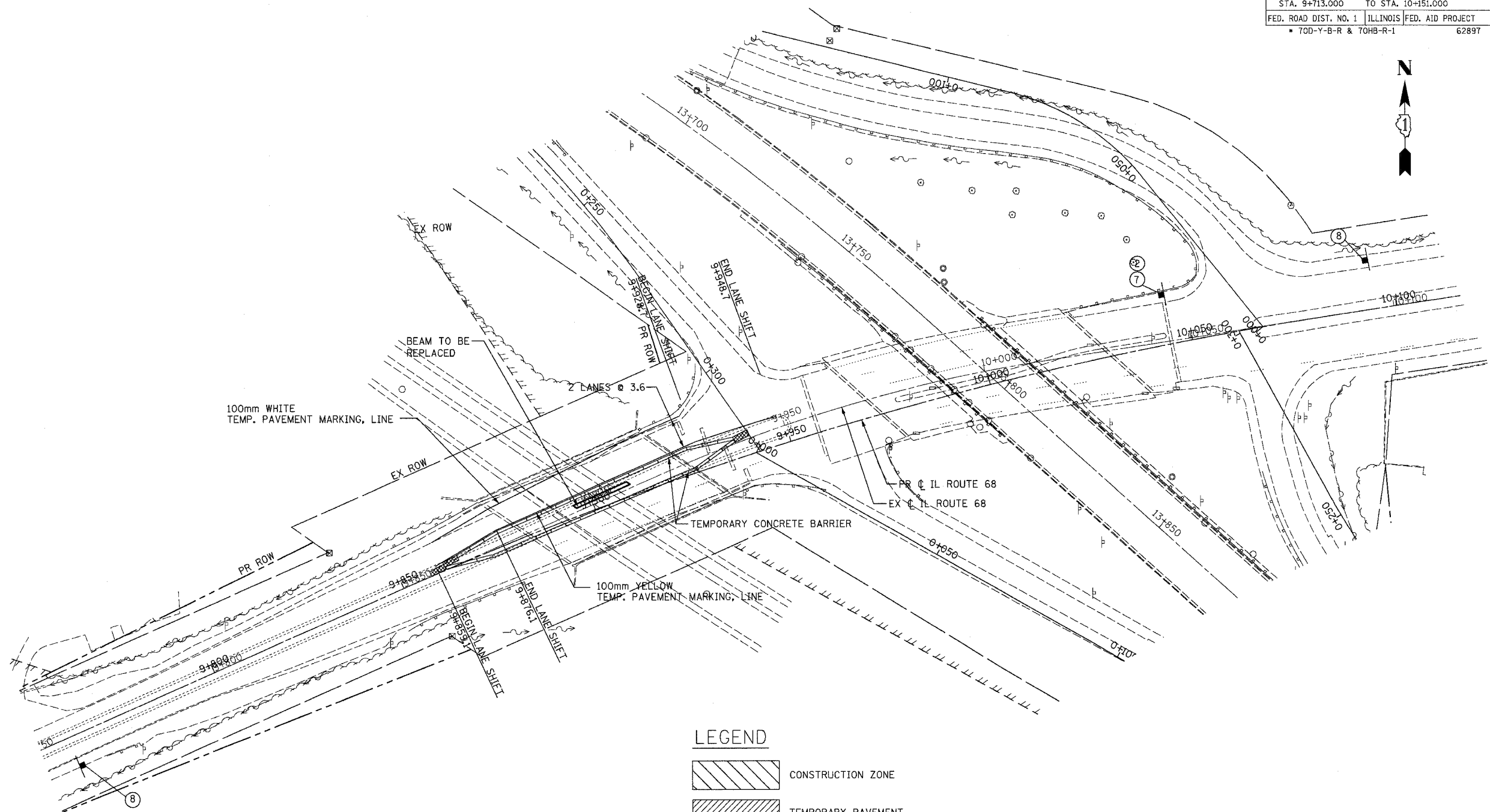
1. ALL DIMENSION ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. TYPICAL SECTIONS REFLECT APPROXIMATE LIMITS FOR EXISTING TRAFFIC AND CONSTRUCTION ZONE RELATIONSHIPS ONLY. SEE MOT PLANS AND NOTES FOR ADDITIONAL DETAILS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68 MAINTANANCE OF TRAFFIC TYPICAL SECTIONS STAGE 3A AND 3B
NAME	DATE	

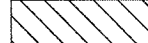


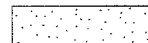







SCALE NTS                      DRAWN BY RDT  
DATE OCTOBER, 2006              CHECKED BY PK



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	40
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
70D-Y-B-R & 70HB-R-1		62897		

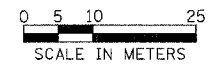


**LEGEND**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.
3. FOR MORE INFORMATION ON BEAM REPLACEMENT, SEE BRIDGE PLANS.
4. STATIONS AND OFFSETS REFERENCE EXISTING IL ROUTE 68 ALIGNMENT (PRESTAGE ONLY).



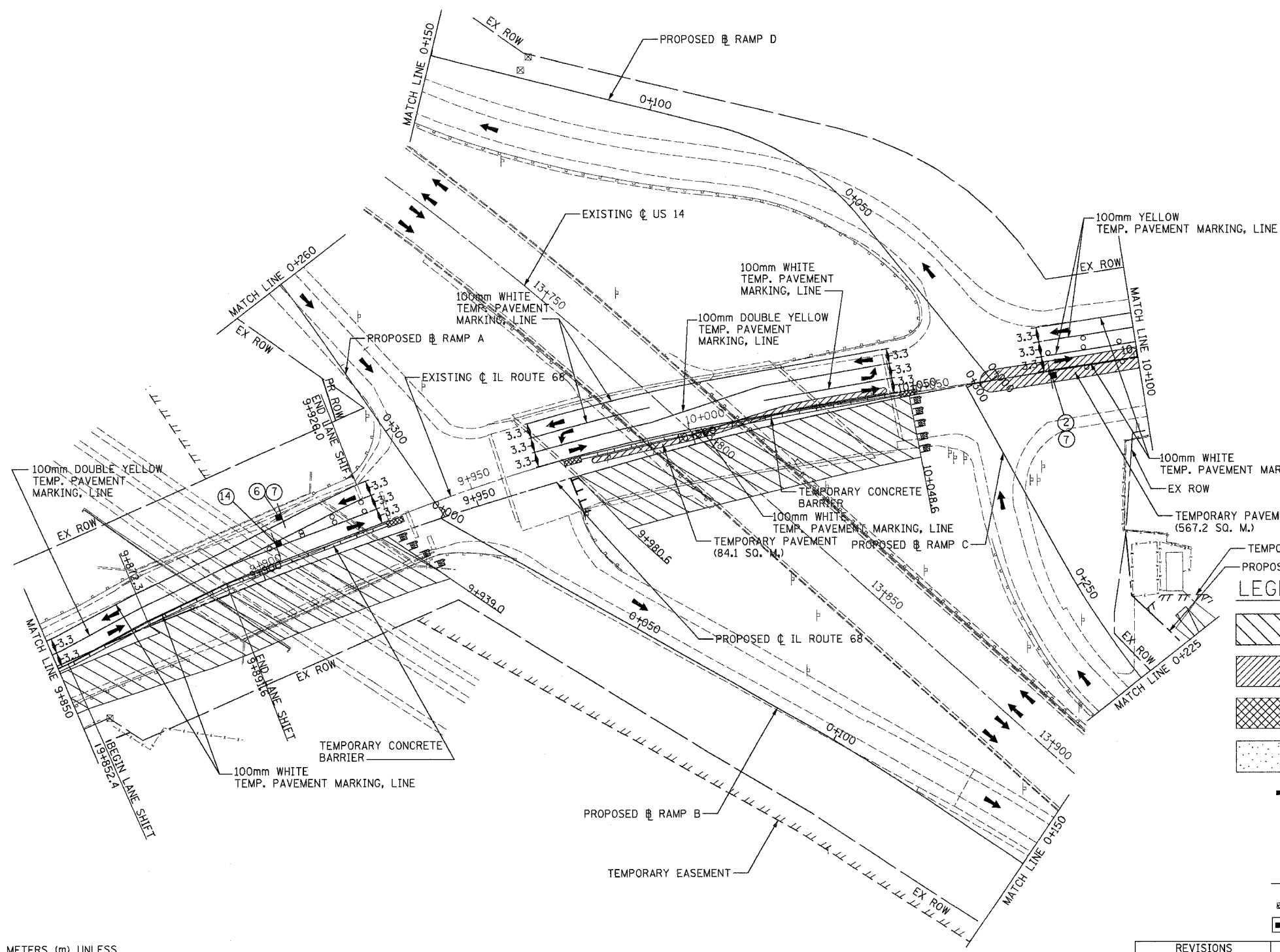
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 PRESTAGE  
BEAM REPLACEMENT - UPRR BRIDGE

SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY RDT  
CHECKED BY PK



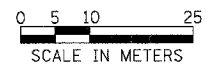
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	41
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70H-B-R-1		62897		



**LEGEND**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (PREVIOUS STAGES)
- COMPLETED CONSTRUCTION (PREVIOUS STAGES)
- DIRECTION OF TRAVEL
- BARRICADE TYPE II
- BARRICADE TYPE III
- DRUM WITH STEADY BURN LIGHT
- TEMPORARY SIGN
- IMPACT ATTENUATOR
- ARROW BOARD

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. EXISTING MEDIAN TO BE REMOVED AND REPLACED WITH TEMPORARY PAVEMENT IN PRESTAGE 1.
  3. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



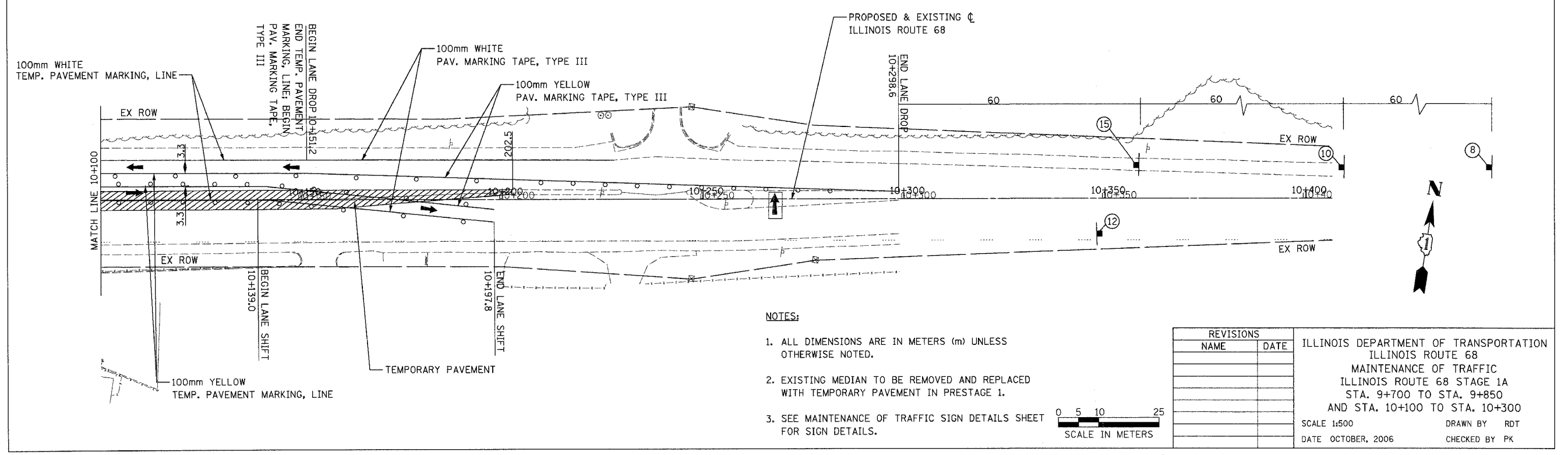
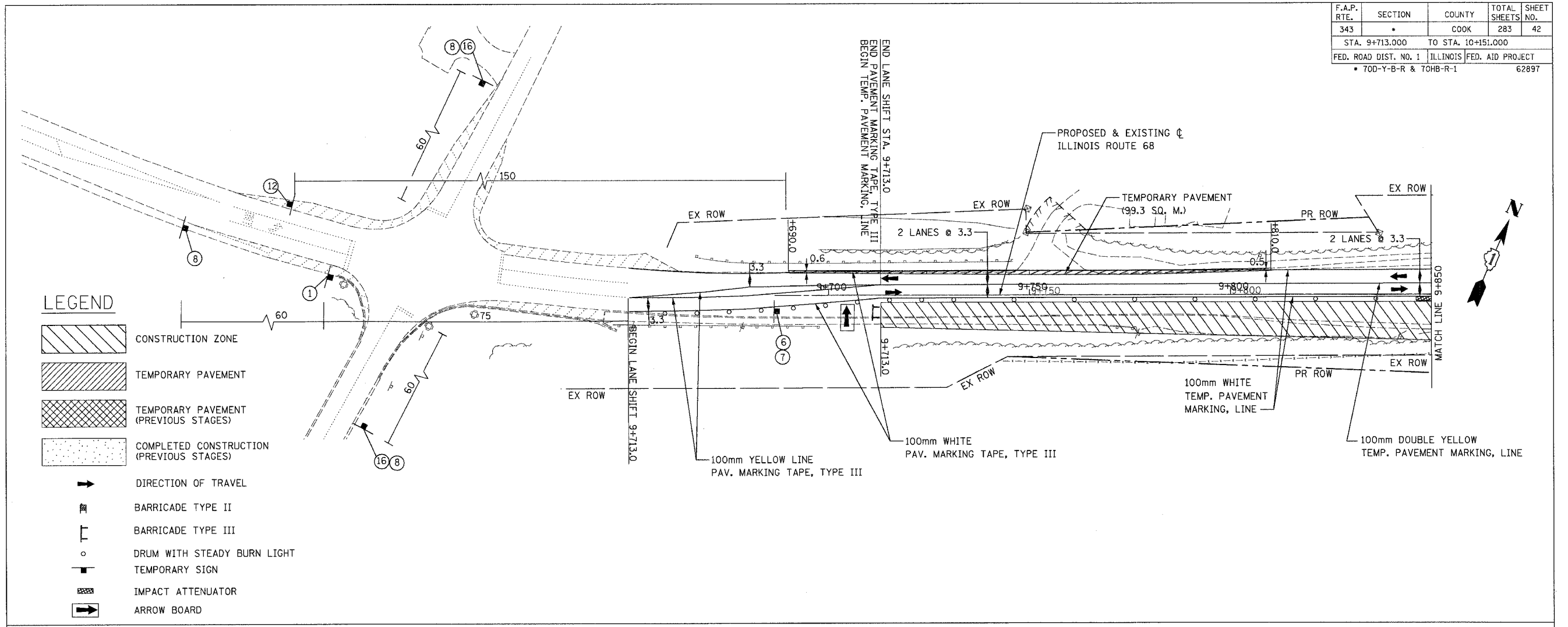
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 1A  
STA. 9+850 TO STA. 10+100

SCALE 1:500      DRAWN BY RDT  
DATE OCTOBER, 2006      CHECKED BY PK

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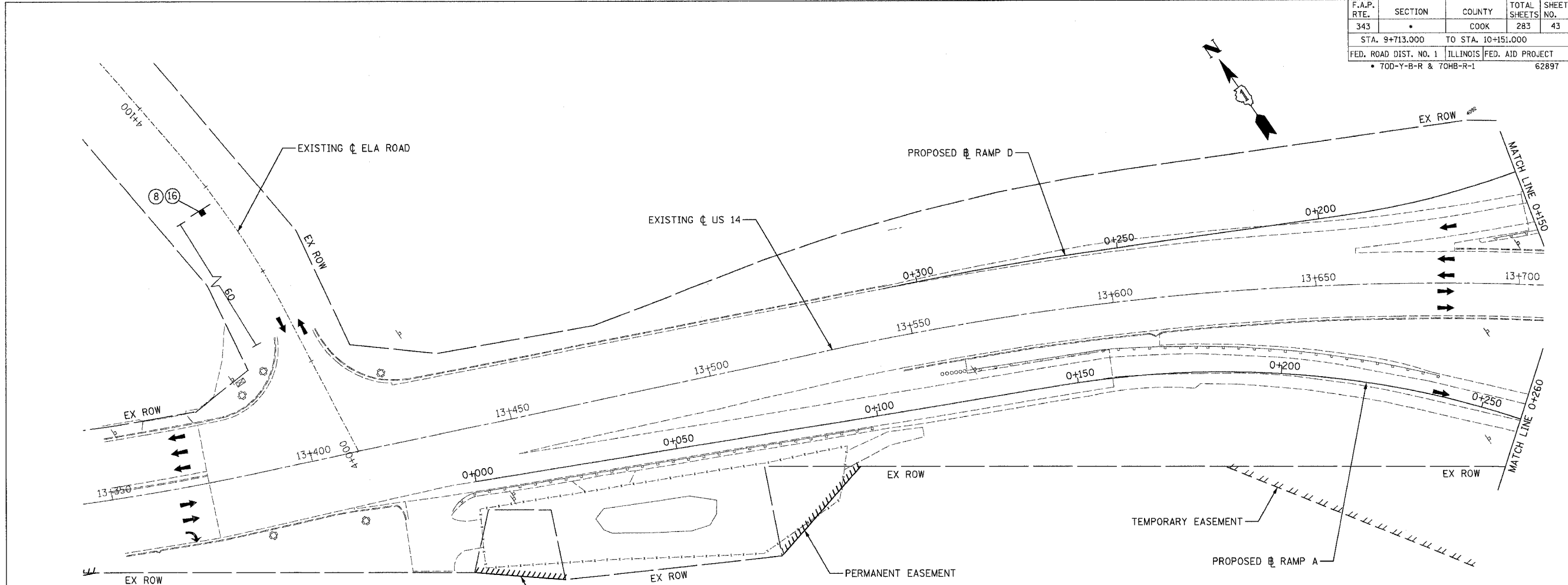
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	42
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 700-Y-B-R & 70HB-R-1		62897		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 MAINTENANCE OF TRAFFIC  
 ILLINOIS ROUTE 68 STAGE 1A  
 STA. 9+700 TO STA. 9+850  
 AND STA. 10+100 TO STA. 10+300  
 SCALE 1:500  
 DATE OCTOBER, 2006  
 DRAWN BY RDT  
 CHECKED BY PK

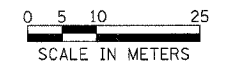
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	43
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



**LEGEND**

	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)
	DIRECTION OF TRAVEL
	BARRICADE TYPE II
	BARRICADE TYPE III
	DRUM WITH STEADY BURN LIGHT
	TEMPORARY SIGN
	IMPACT ATTENUATOR
	ARROW BOARD

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

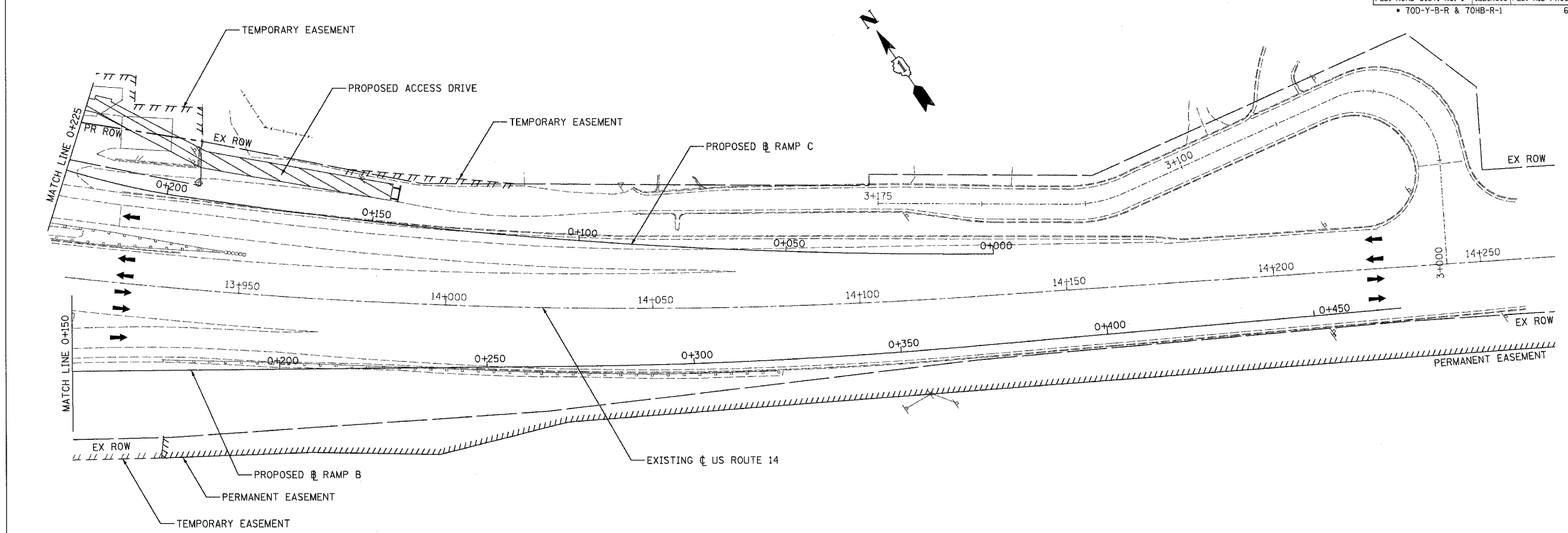


REVISIONS	
NAME	DATE

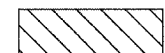










ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 1A  
STA. 13+350 TO STA. 13+700 US 14

SCALE 1:500      DRAWN BY RDT  
DATE OCTOBER, 2006      CHECKED BY PK

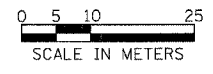
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	44
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



**LEGEND**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

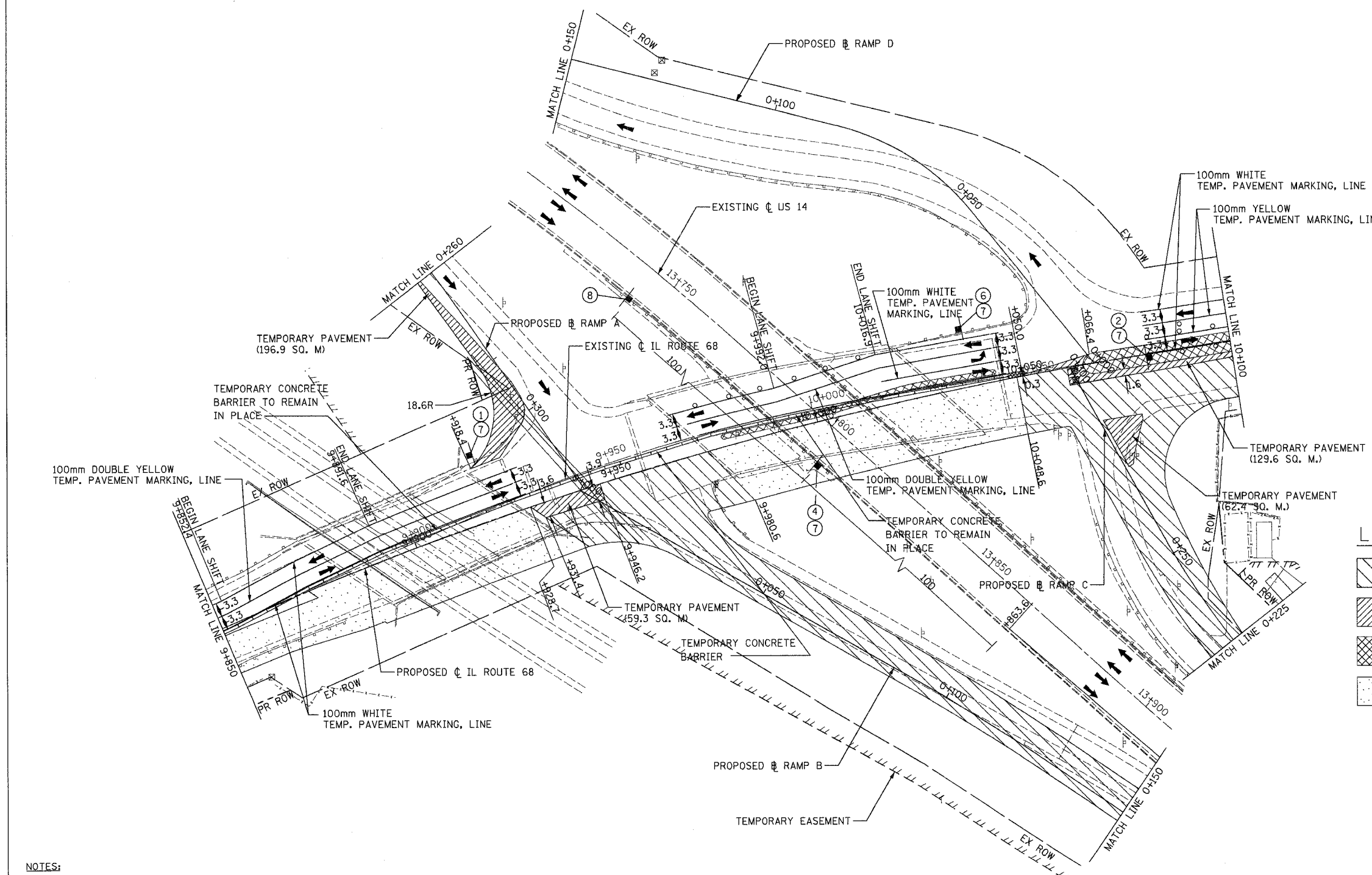
- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 1A  
STA. 13+900 TO STA. 14+270 US 14  
SCALE 1:500 DRAWN BY RDT  
DATE OCTOBER, 2006 CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	45
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70H-B-R-1		62897		



**LEGEND**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (PREVIOUS STAGES)
- COMPLETED CONSTRUCTION (PREVIOUS STAGES)
- DIRECTION OF TRAVEL
- BARRICADE TYPE II
- BARRICADE TYPE III
- DRUM WITH STEADY BURN LIGHT
- TEMPORARY SIGN
- IMPACT ATTENUATOR
- ARROW BOARD

**NOTES:**

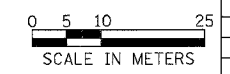
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

REVISIONS	
NAME	DATE

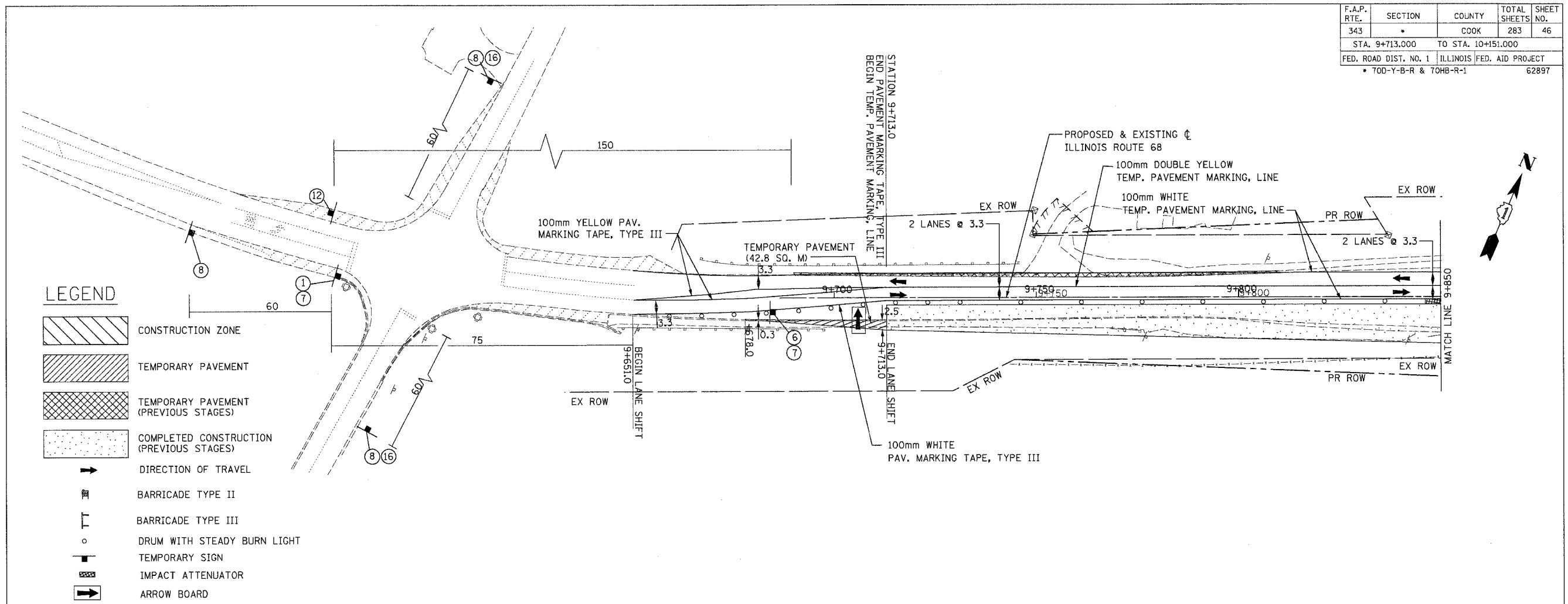
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 1B  
STA. 9+850 TO STA. 10+100

SCALE 1:500  
DATE OCTOBER, 2006

DRAWN BY RDT  
CHECKED BY PK

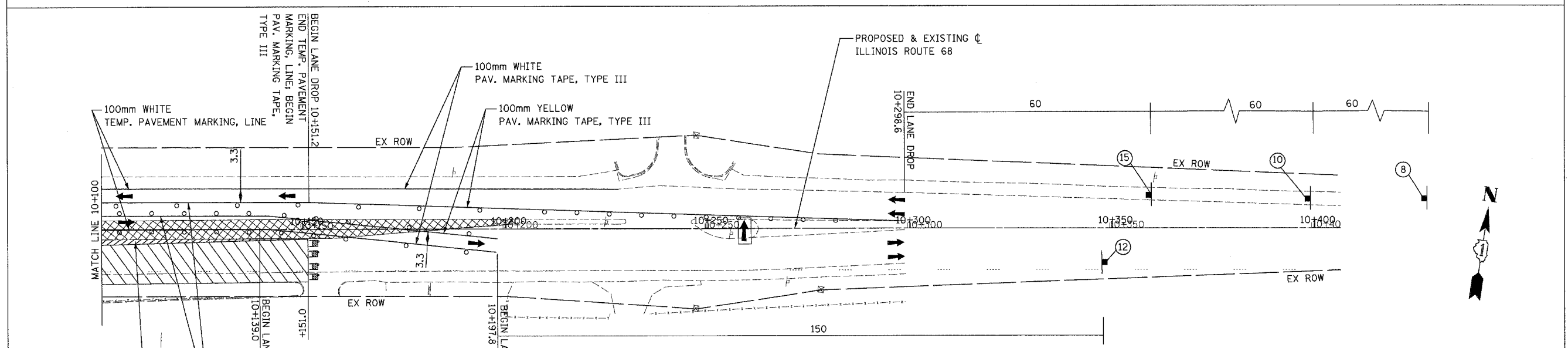


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	46
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 70D-Y-B-R & 70HB-R-1 62897				

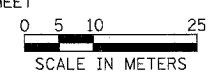


**LEGEND**

	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)
	DIRECTION OF TRAVEL
	BARRICADE TYPE II
	BARRICADE TYPE III
	DRUM WITH STEADY BURN LIGHT
	TEMPORARY SIGN
	IMPACT ATTENUATOR
	ARROW BOARD



- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  - SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

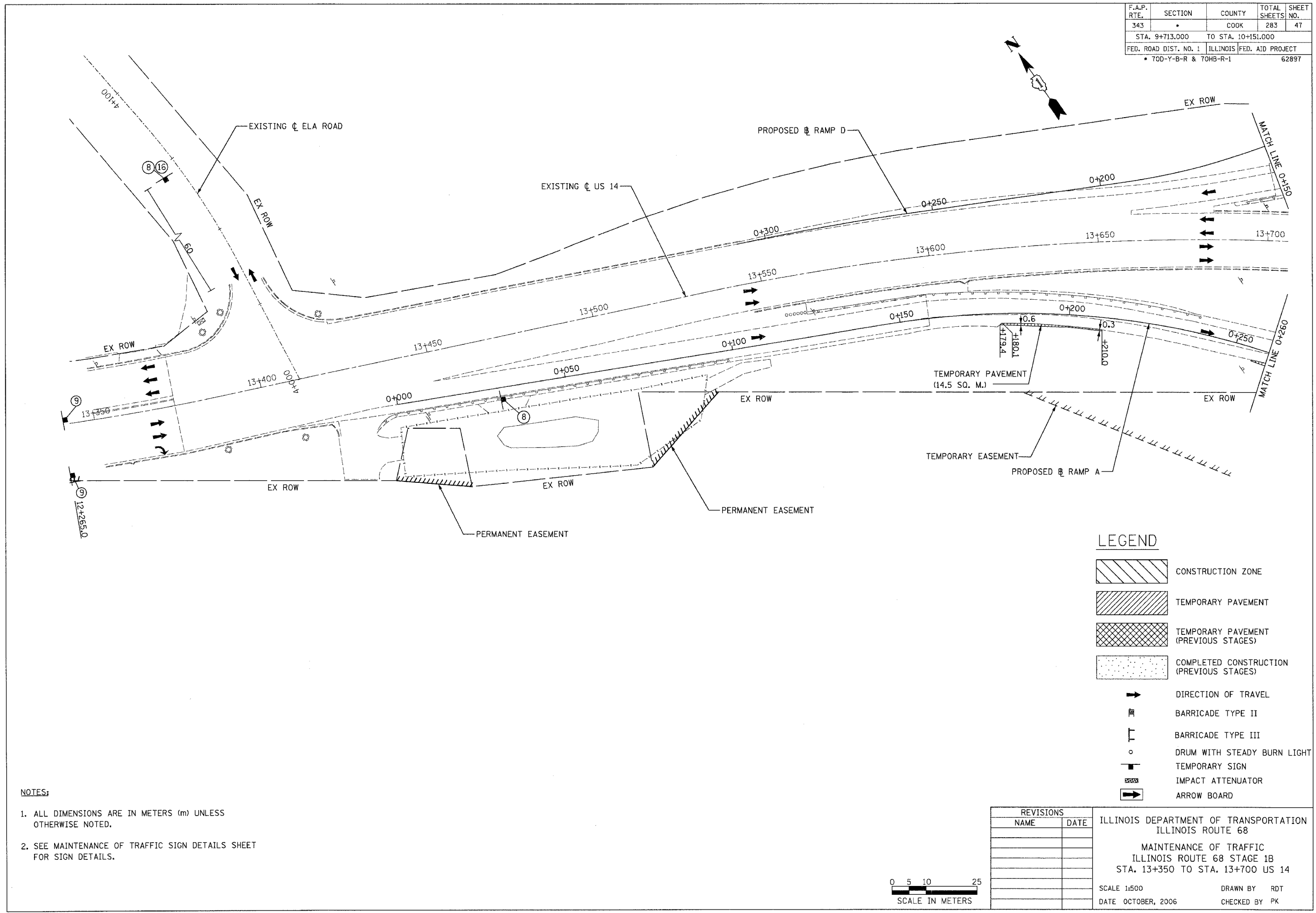


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 MAINTENANCE OF TRAFFIC  
 ILLINOIS ROUTE 68 STAGE 1B  
 STA. 9+700 TO STA. 9+850  
 AND STA. 10+100 TO STA. 10+300

SCALE 1:500  
 DATE OCTOBER, 2006  
 DRAWN BY RDT  
 CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	47
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70H3-R-1		62897		

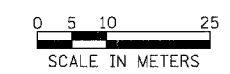


**LEGEND**

	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)
	DIRECTION OF TRAVEL
	BARRICADE TYPE II
	BARRICADE TYPE III
	DRUM WITH STEADY BURN LIGHT
	TEMPORARY SIGN
	IMPACT ATTENUATOR
	ARROW BOARD

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



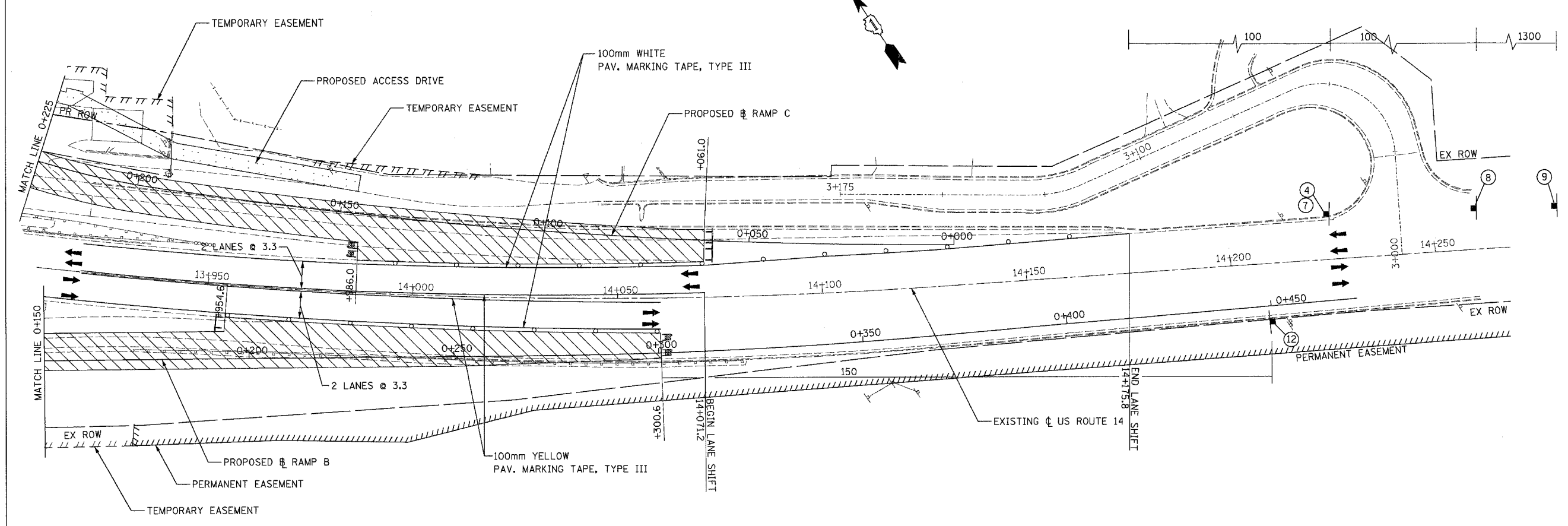
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 1B  
STA. 13+350 TO STA. 13+700 US 14












SCALE 1:500  
DATE OCTOBER, 2006

DRAWN BY RDT  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	48
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• 70D-Y-B-R & 70HB-R-1 62897				

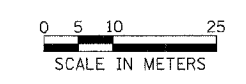


**LEGEND**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

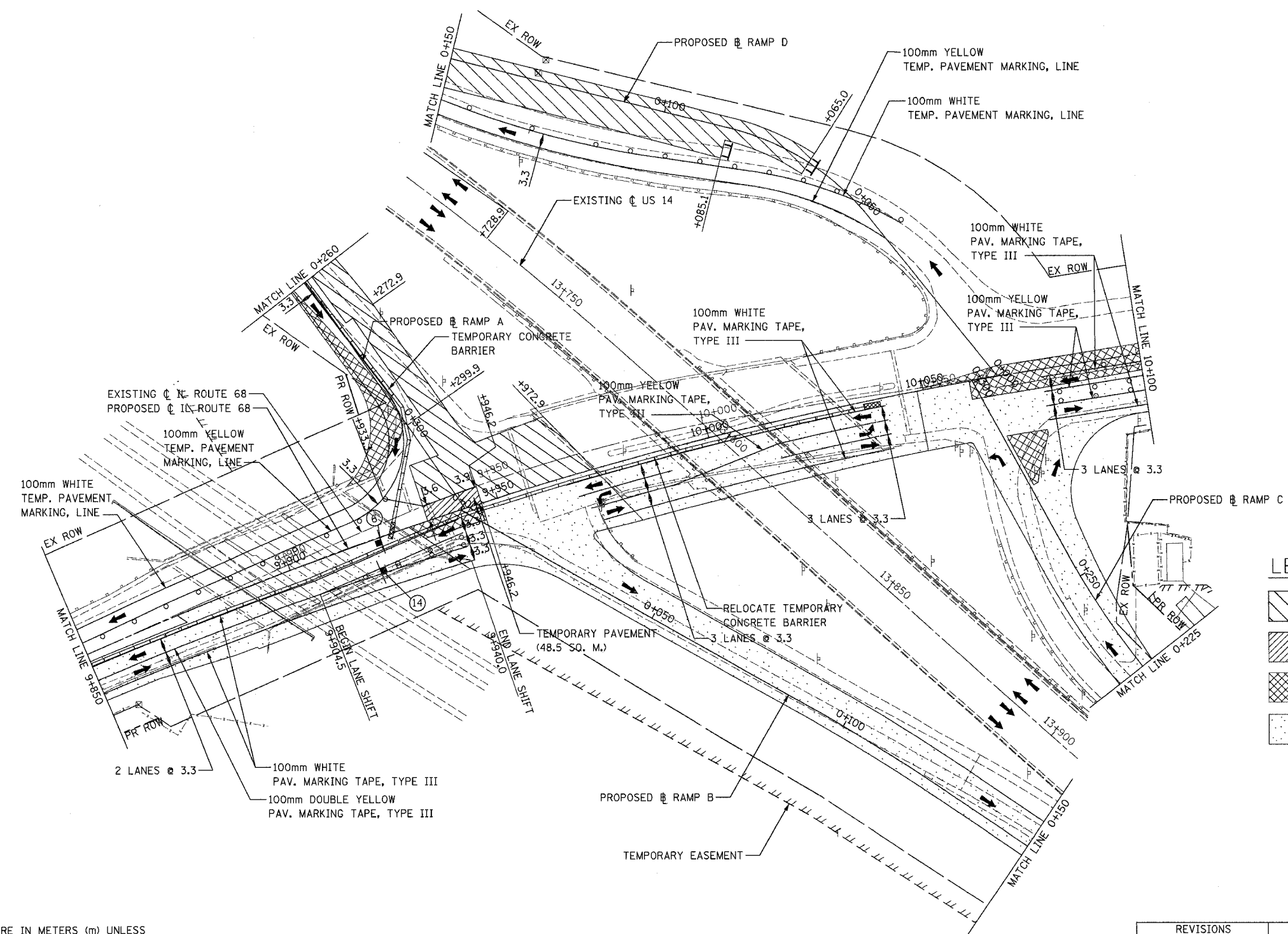


REVISIONS	
NAME	DATE

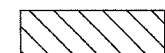










ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 1B  
STA. 13+900 TO STA. 14+270 US 14  
SCALE 1:500 DRAWN BY RDT  
DATE OCTOBER, 2006 CHECKED BY PK



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	49
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• TOD-Y-B-R & 70HB-R-1		62897		



**LEGEND**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

**NOTES:**

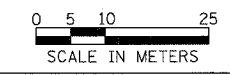
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

REVISIONS	
NAME	DATE

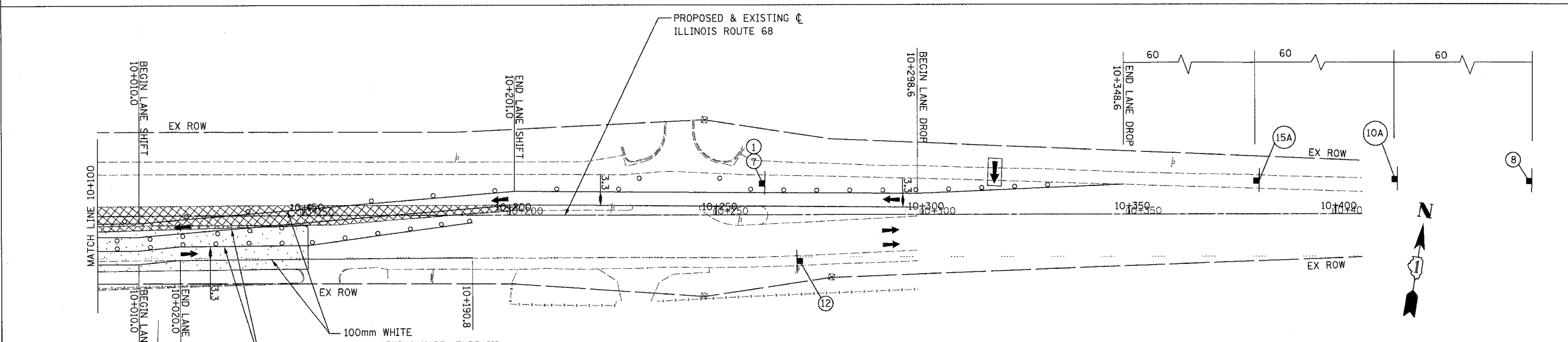
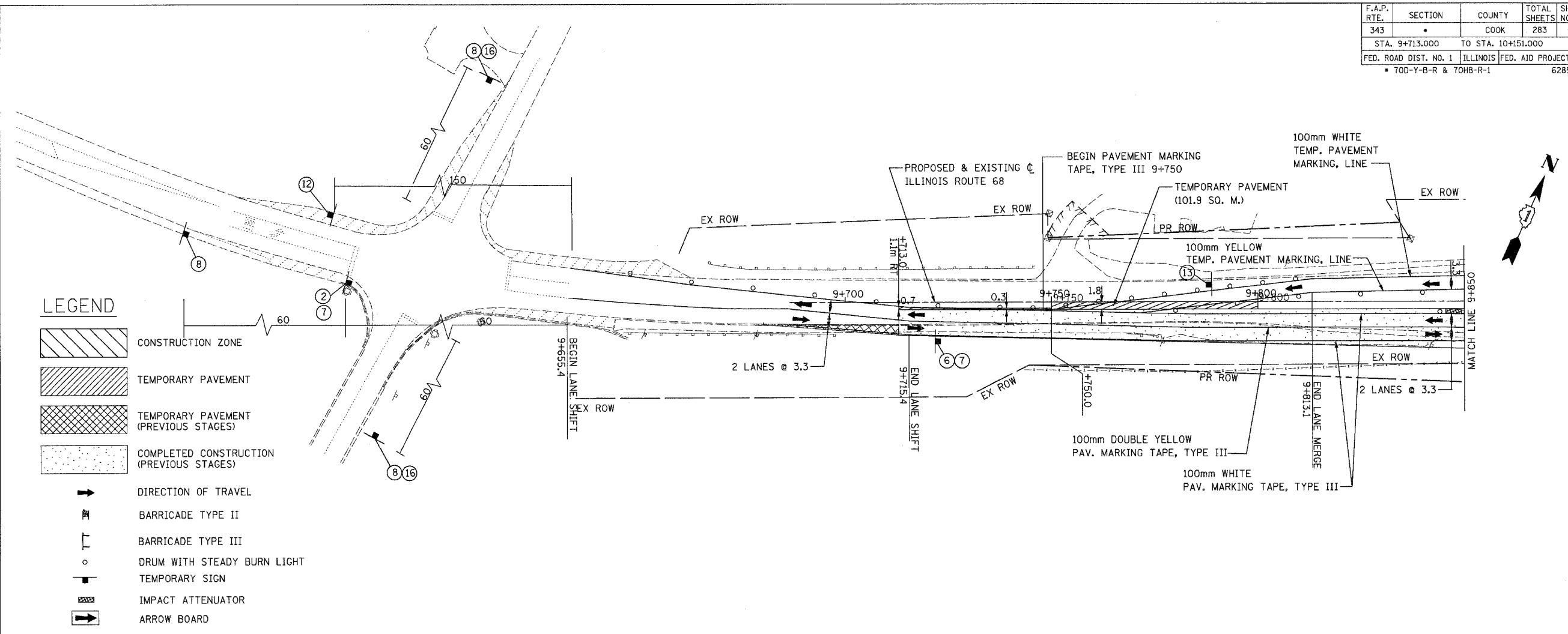
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 2A  
STA. 9+850 TO STA. 10+100

SCALE 1:500  
DATE OCTOBER, 2006

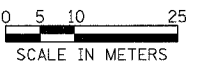
DRAWN BY RDT  
CHECKED BY PK



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	50
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



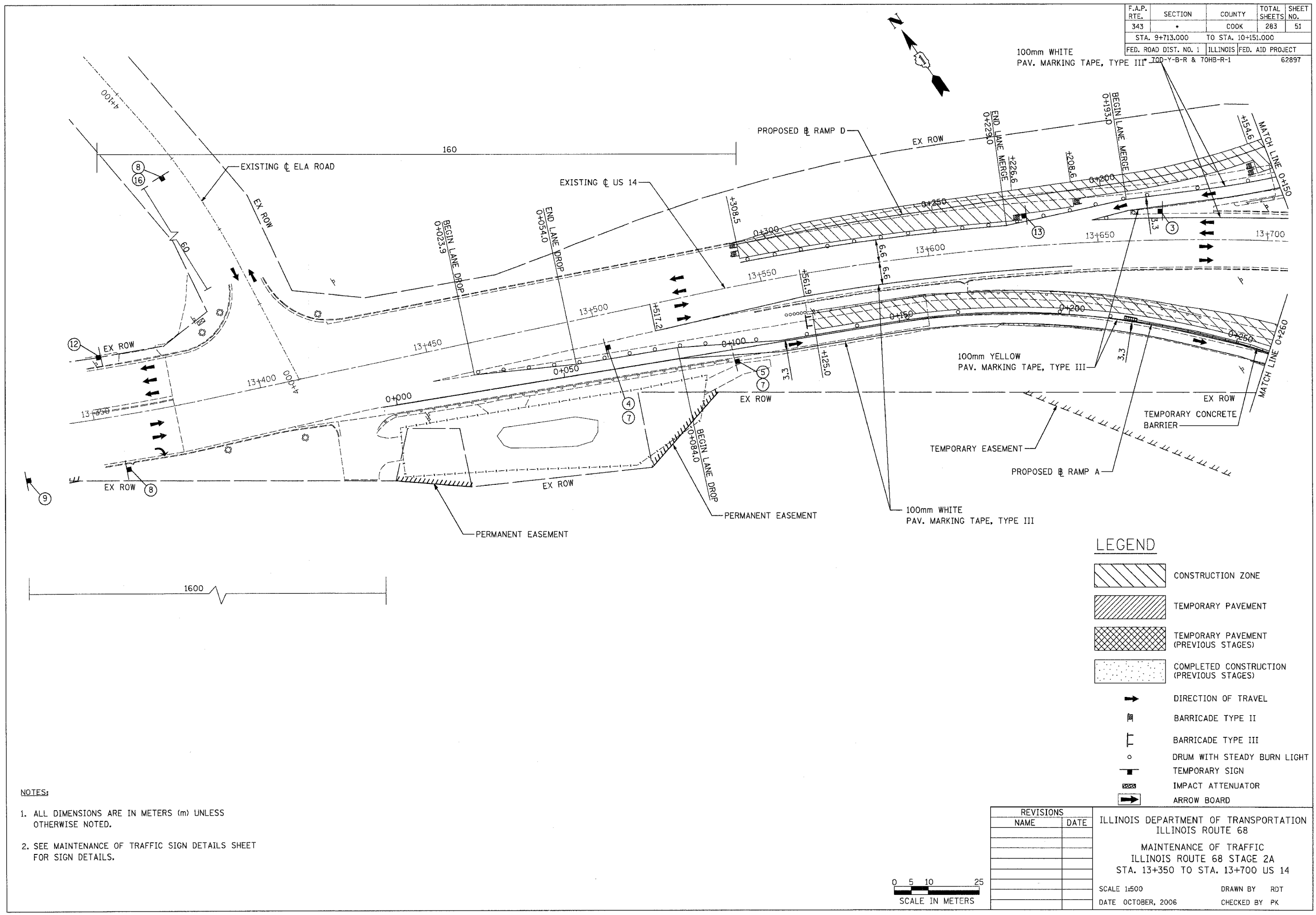
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 MAINTENANCE OF TRAFFIC  
 ILLINOIS ROUTE 68 STAGE 2A  
 STA. 9+700 TO STA. 9+850  
 AND STA. 10+100 TO STA. 10+300

SCALE 1:500  
 DATE OCTOBER, 2006

DRAWN BY RDT  
 CHECKED BY PK

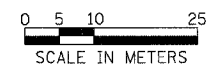
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	51
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	62897



- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

**LEGEND**

	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)
	DIRECTION OF TRAVEL
	BARRICADE TYPE II
	BARRICADE TYPE III
	DRUM WITH STEADY BURN LIGHT
	TEMPORARY SIGN
	IMPACT ATTENUATOR
	ARROW BOARD



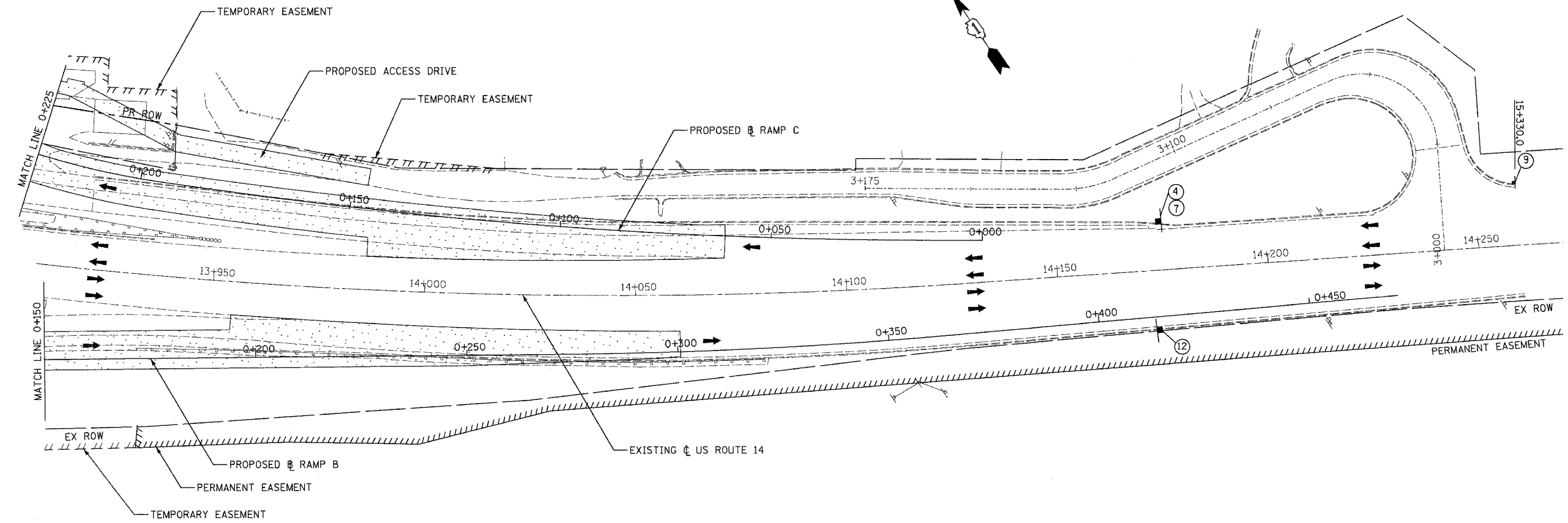
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 2A  
STA. 13+350 TO STA. 13+700 US 14

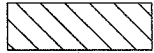
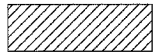

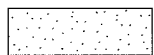







SCALE 1:500  
DATE OCTOBER, 2006

DRAWN BY RDT  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	52
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		6289T		

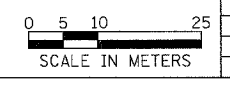


**LEGEND**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



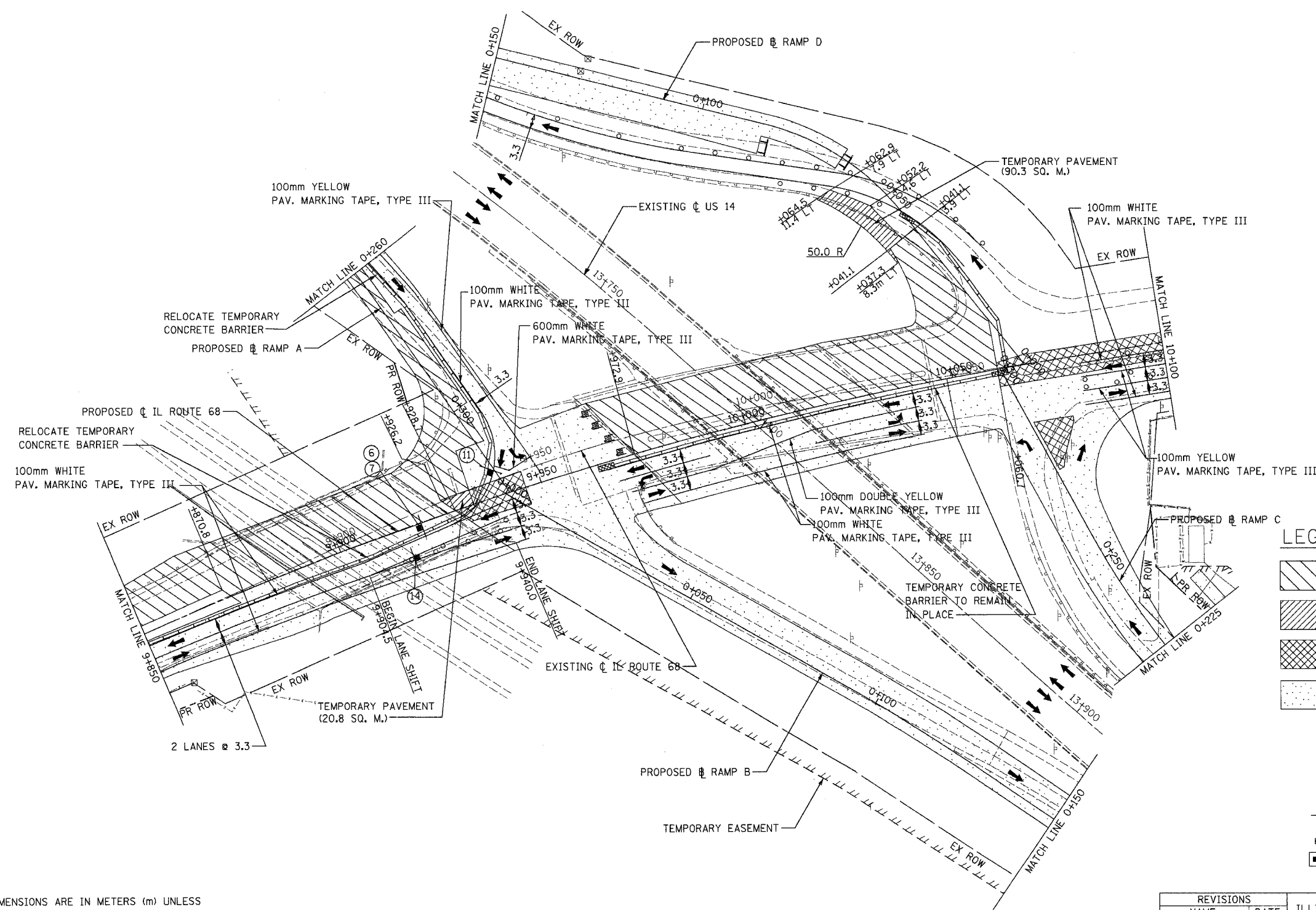
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 2A  
STA. 13+900 TO STA. 14+270 US 14

SCALE 1:500  
DATE OCTOBER, 2006

DRAWN BY GRH  
CHECKED BY

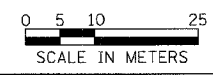
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	53
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



**LEGEND**

	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)
	DIRECTION OF TRAVEL
	BARRICADE TYPE II
	BARRICADE TYPE III
	DRUM WITH STEADY BURN LIGHT
	TEMPORARY SIGN
	IMPACT ATTENUATOR
	ARROW BOARD

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



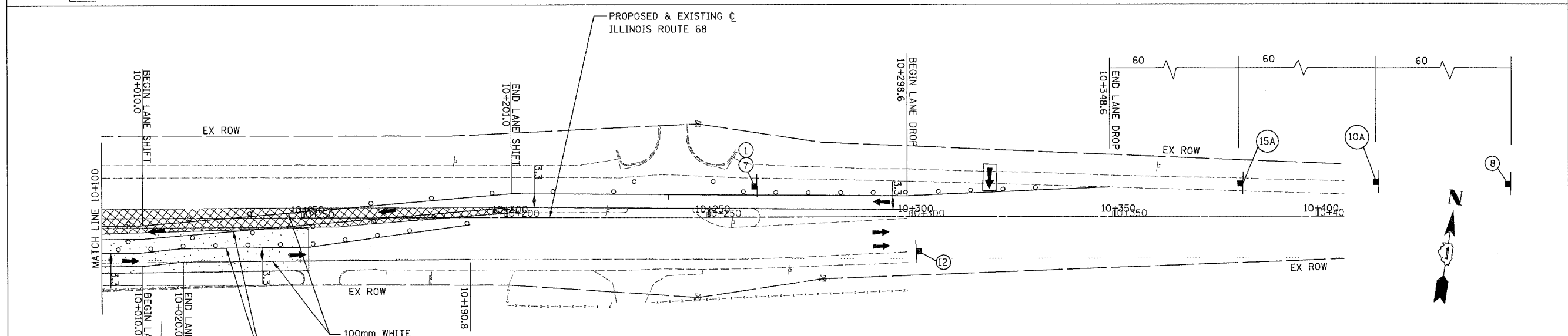
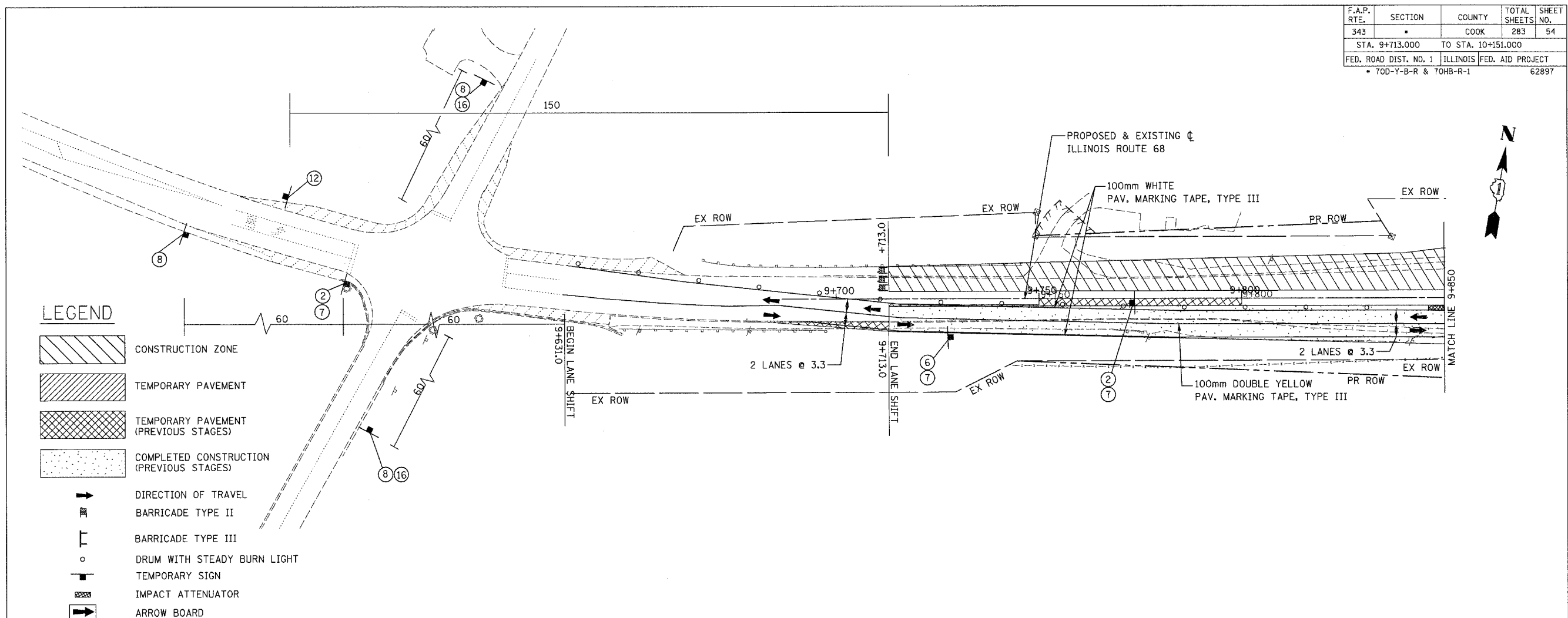
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 MAINTENANCE OF TRAFFIC  
 ILLINOIS ROUTE 68 STAGE 2B  
 STA. 9+850 TO STA. 10+100

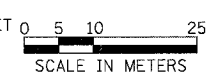
SCALE 1:500  
 DATE OCTOBER, 2006

DRAWN BY RDT  
 CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	54
STA. 9+713.000 TO STA. 10+151.000				
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT	
• 70D-Y-B-R & 70HB-R-1			62897	



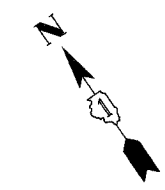
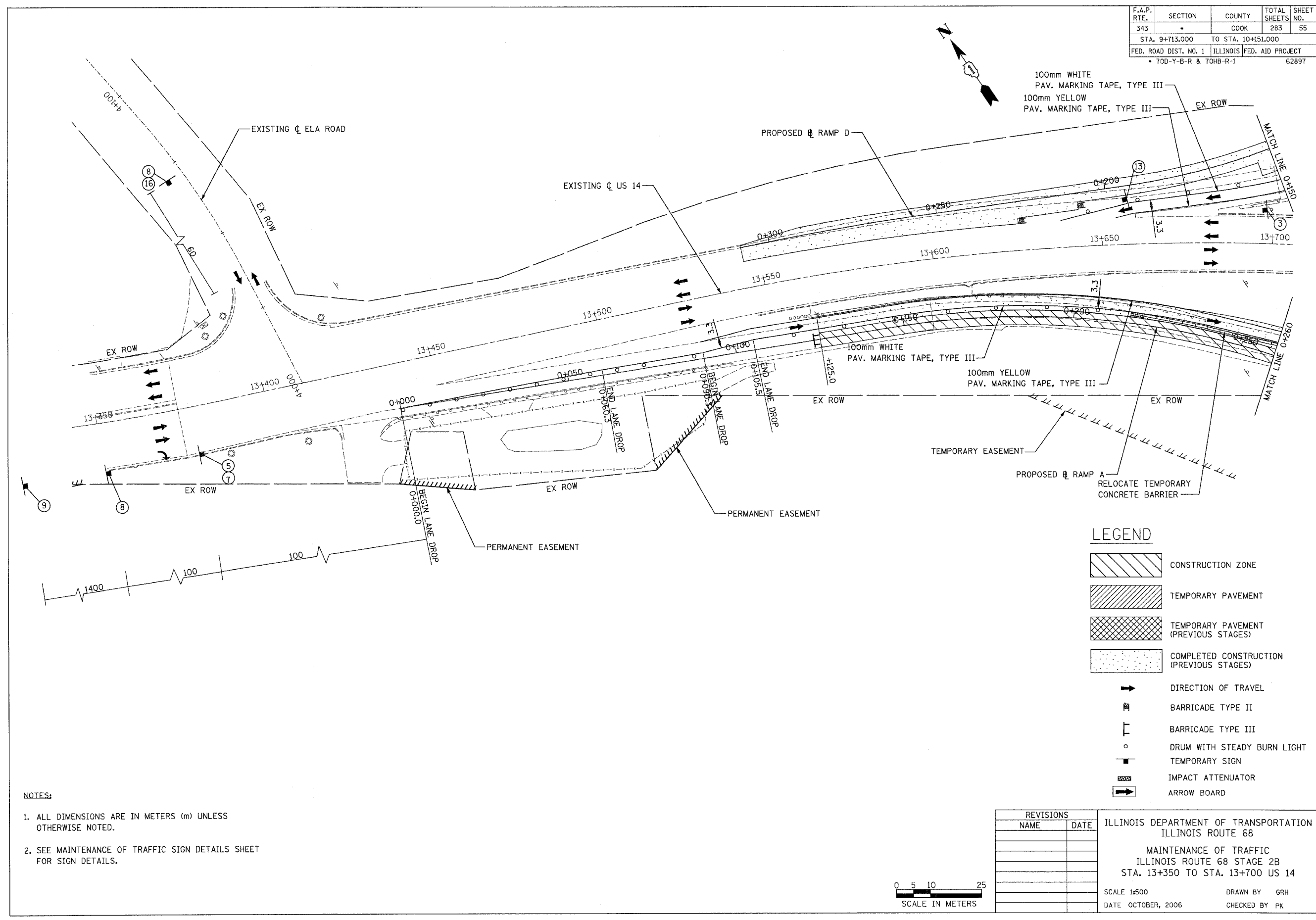
- NOTES:
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  - SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 MAINTENANCE OF TRAFFIC  
 ILLINOIS ROUTE 68 STAGE 2B  
 STA. 9+700 TO STA. 9+850  
 AND STA. 10+100 TO STA. 10+300  
 SCALE 1:500 DRAWN BY RDT  
 DATE OCTOBER, 2006 CHECKED BY PK

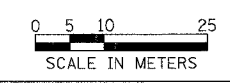
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	55
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



**LEGEND**

	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)
	DIRECTION OF TRAVEL
	BARRICADE TYPE II
	BARRICADE TYPE III
	DRUM WITH STEADY BURN LIGHT
	TEMPORARY SIGN
	IMPACT ATTENUATOR
	ARROW BOARD

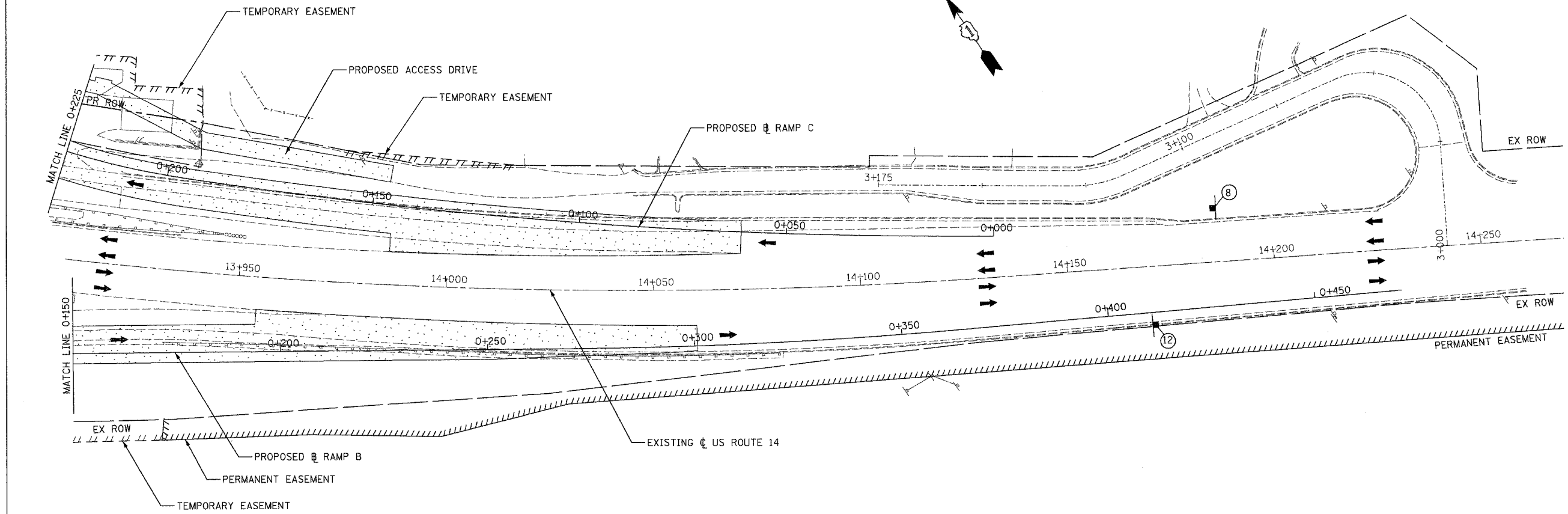
- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



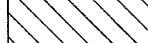


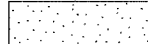







REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 2B  
STA. 13+350 TO STA. 13+700 US 14  
SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	56
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



**LEGEND**

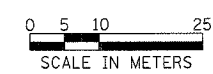
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

**NOTES:**

1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

REVISIONS	
NAME	DATE

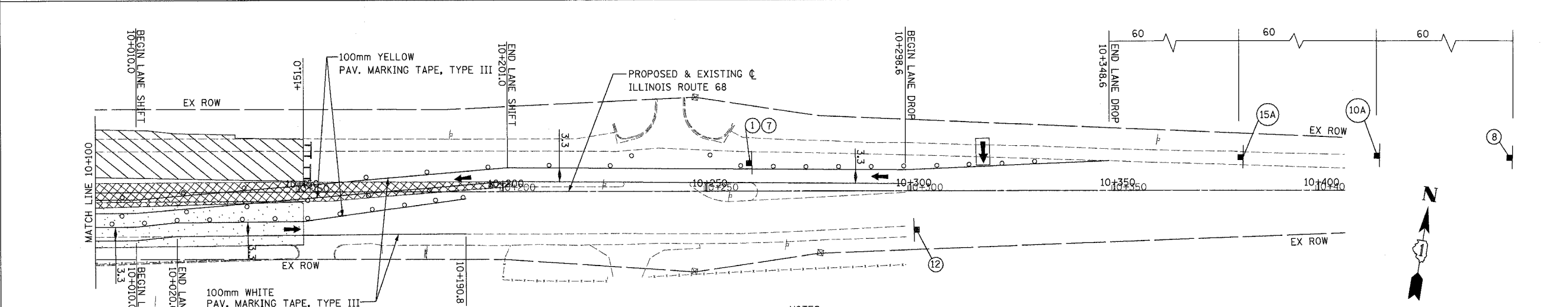
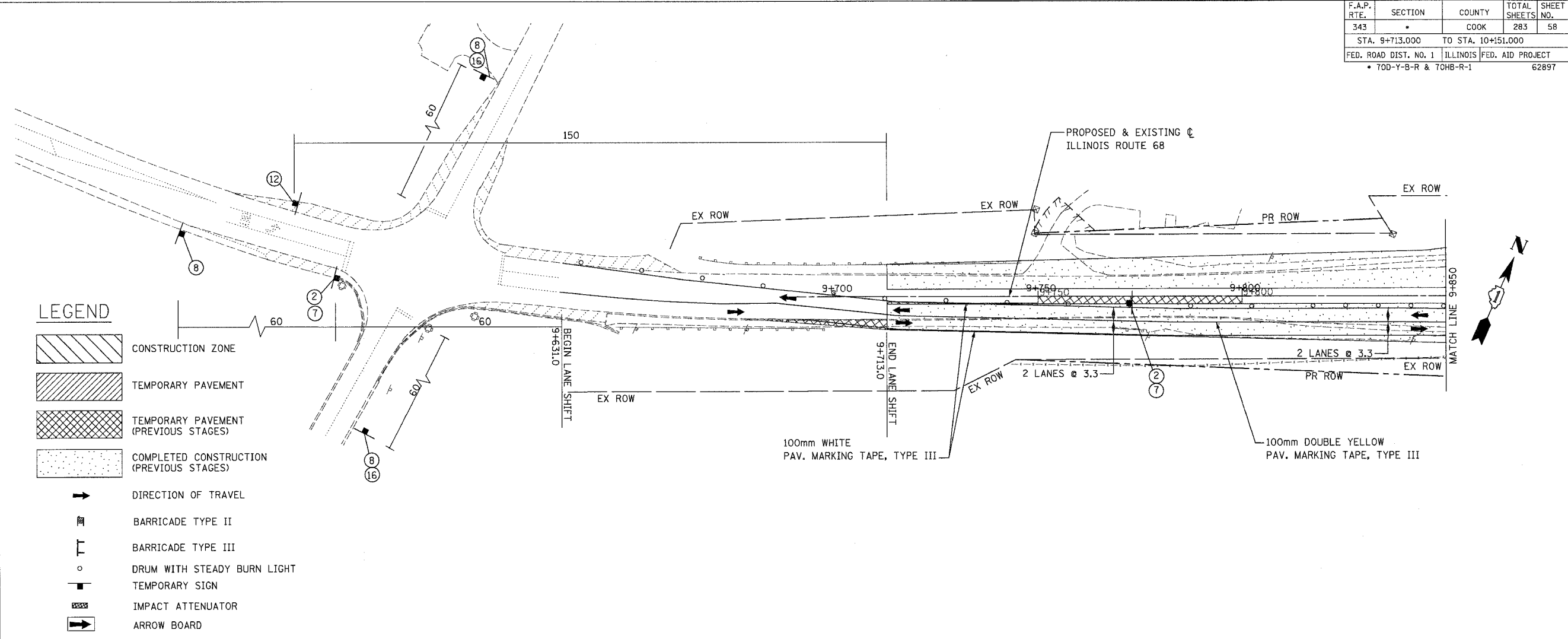
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 2B  
STA. 13+900 TO STA. 14+270 US 14  
SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY RDT  
CHECKED BY PK



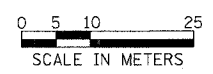




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	58
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



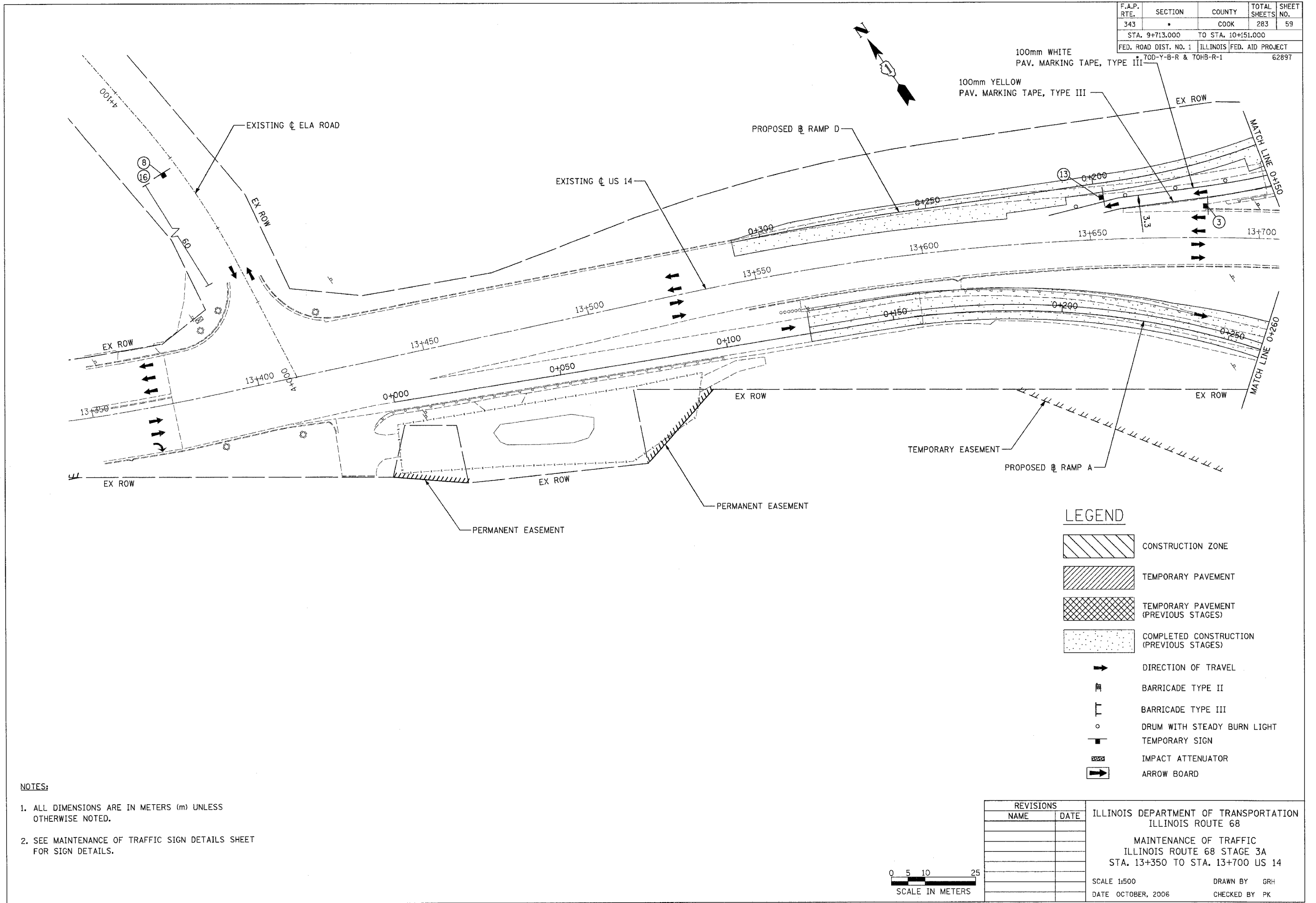
- NOTES:**
- ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  - SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 MAINTENANCE OF TRAFFIC  
 ILLINOIS ROUTE 68 STAGE 3A  
 STA. 9+700 TO STA. 9+850  
 AND STA. 10+100 TO STA. 10+300  
 SCALE 1:500  
 DATE OCTOBER, 2006  
 DRAWN BY RDT  
 CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	59
STA. 9+713.000		TO STA. 10+51.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
TOD-Y-B-R & TOH3-R-1 62897				



- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

**LEGEND**

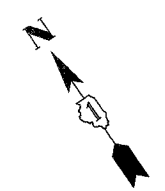
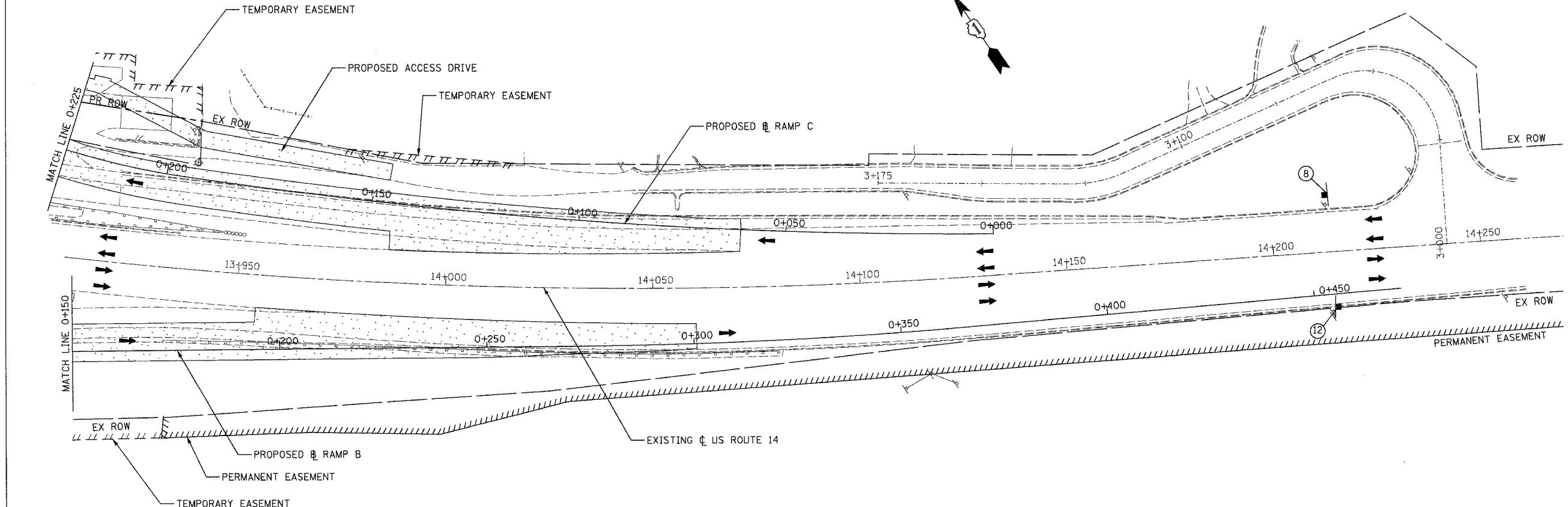
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)
	DIRECTION OF TRAVEL
	BARRICADE TYPE II
	BARRICADE TYPE III
	DRUM WITH STEADY BURN LIGHT
	TEMPORARY SIGN
	IMPACT ATTENUATOR
	ARROW BOARD

0 5 10 25  
SCALE IN METERS

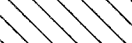


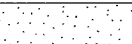







REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 3A  
STA. 13+350 TO STA. 13+700 US 14  
SCALE 1:500 DRAWN BY GRH  
DATE OCTOBER, 2006 CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	60
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

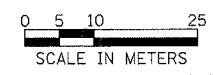


**LEGEND**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

**NOTES:**

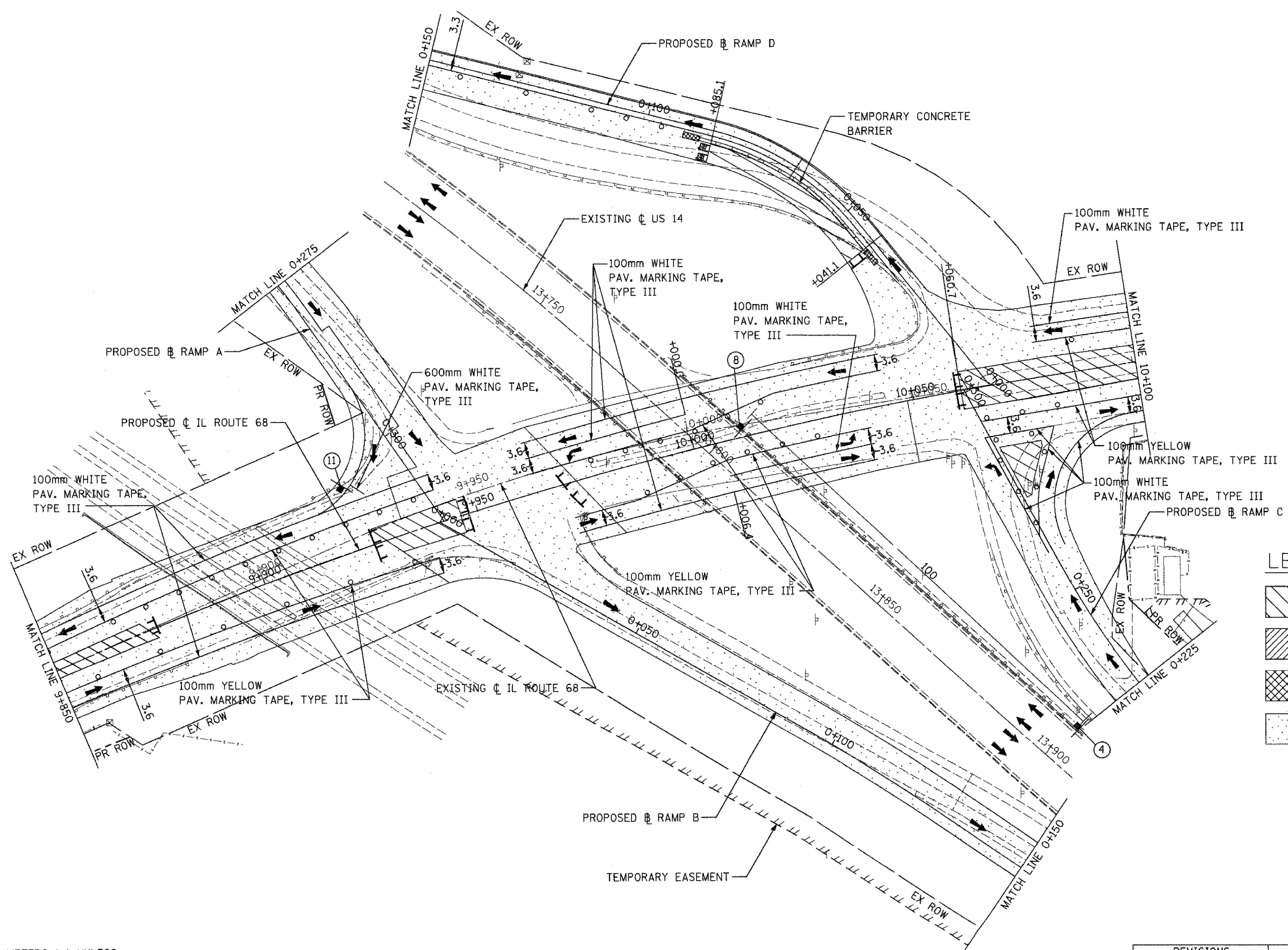
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 3A  
STA. 13+900 TO STA. 14+270 US 14  
SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY RDT  
CHECKED BY PK

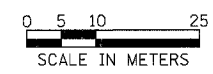
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	61
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* TOD-Y-B-R & 70H3-R-1		62897		



**LEGEND**

- CONSTRUCTION ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (PREVIOUS STAGES)
- COMPLETED CONSTRUCTION (PREVIOUS STAGES)
- DIRECTION OF TRAVEL
- BARRICADE TYPE II
- BARRICADE TYPE III
- DRUM WITH STEADY BURN LIGHT
- TEMPORARY SIGN
- IMPACT ATTENUATOR
- ARROW BOARD

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



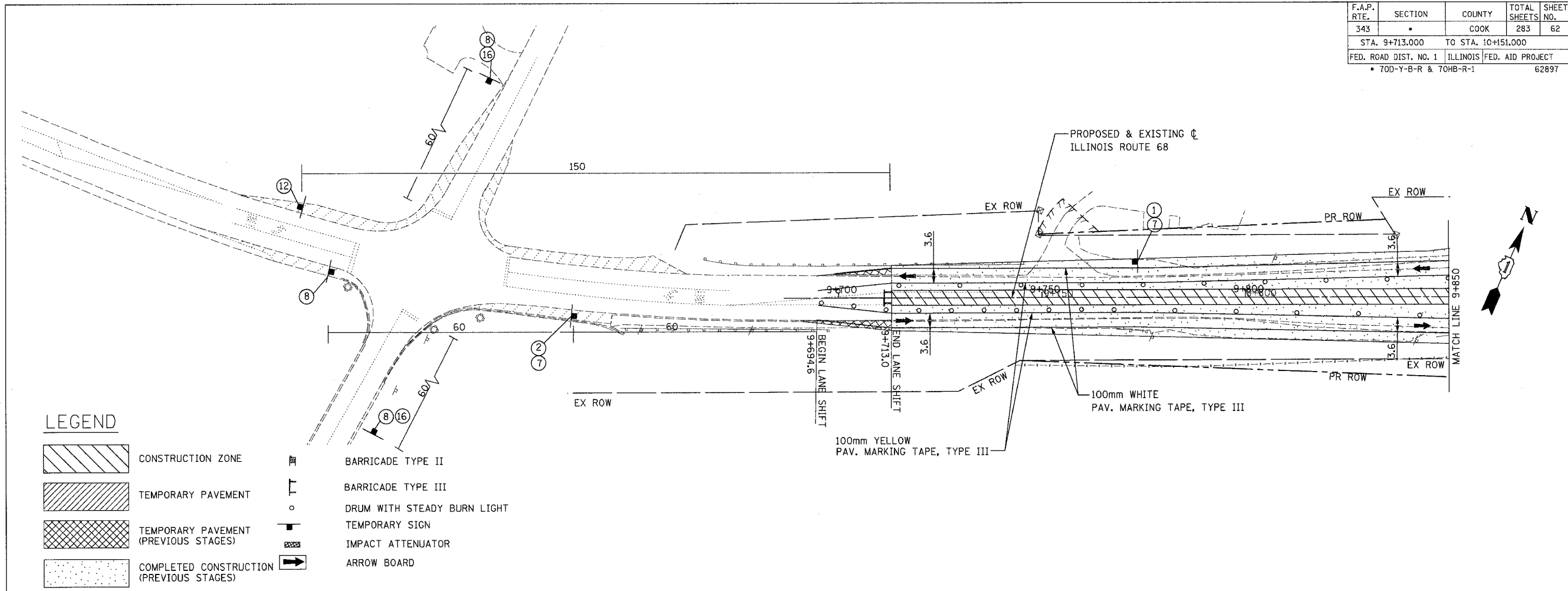
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 3B  
STA. 9+850 TO STA. 10+100

SCALE 1:500  
DATE OCTOBER, 2006

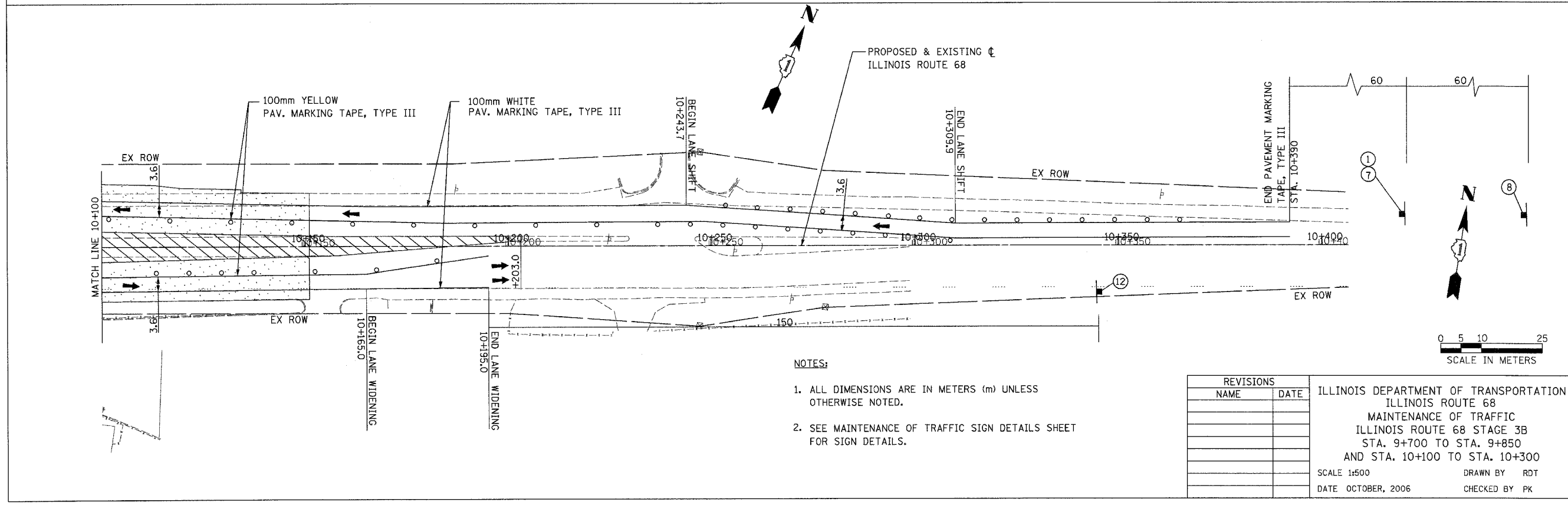
DRAWN BY RDT  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	62
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
• 70D-Y-B-R & 70HB-R-1 62897				



**LEGEND**

- |  |  |  |                             |
|--|--|--|-----------------------------|
|  | CONSTRUCTION ZONE                        |  | BARRICADE TYPE II           |
|  | TEMPORARY PAVEMENT                       |  | BARRICADE TYPE III          |
|  | TEMPORARY PAVEMENT (PREVIOUS STAGES)     |  | DRUM WITH STEADY BURN LIGHT |
|  | COMPLETED CONSTRUCTION (PREVIOUS STAGES) |  | TEMPORARY SIGN              |
|  |  |  | IMPACT ATTENUATOR           |
|  |  |  | ARROW BOARD                 |



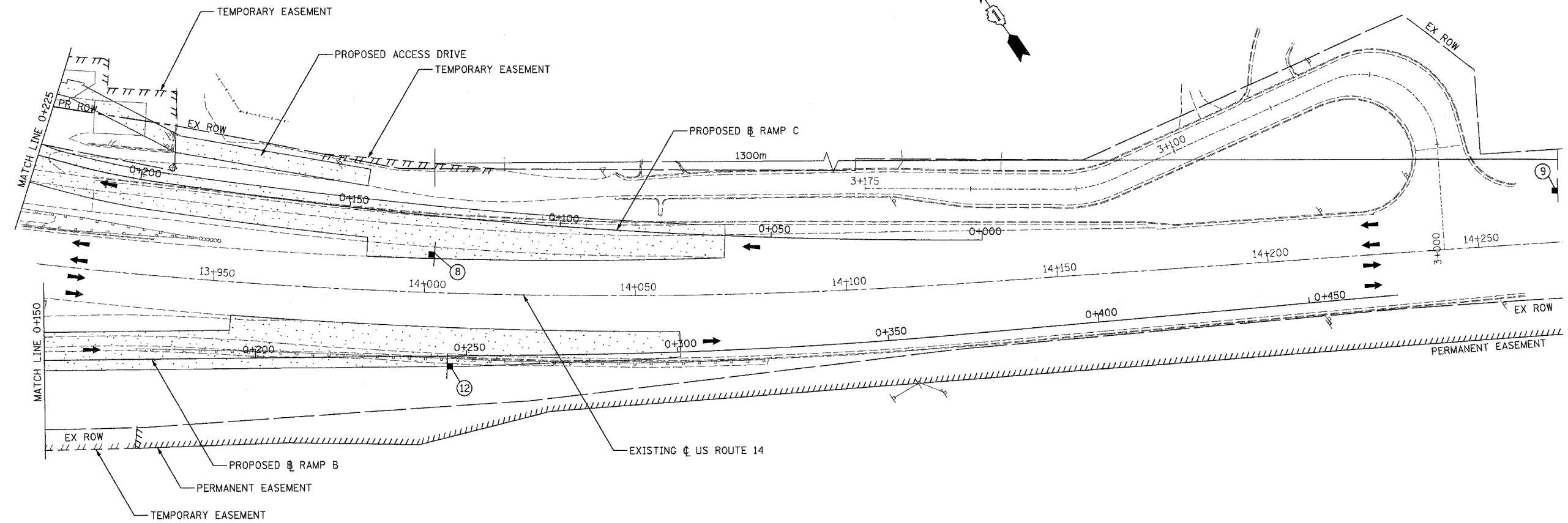
- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.

REVISIONS	
NAME	DATE


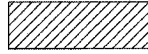

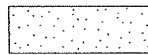







ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 3B  
STA. 9+700 TO STA. 9+850  
AND STA. 10+100 TO STA. 10+300  
SCALE 1:500 DRAWN BY RDT  
DATE OCTOBER, 2006 CHECKED BY PK



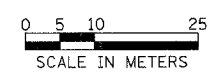
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	64
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70H-B-R-1		62897		



**LEGEND**

-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)
-  DIRECTION OF TRAVEL
-  BARRICADE TYPE II
-  BARRICADE TYPE III
-  DRUM WITH STEADY BURN LIGHT
-  TEMPORARY SIGN
-  IMPACT ATTENUATOR
-  ARROW BOARD

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. SEE MAINTENANCE OF TRAFFIC SIGN DETAILS SHEET FOR SIGN DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
MAINTENANCE OF TRAFFIC  
ILLINOIS ROUTE 68 STAGE 3B  
STA. 13+900 TO STA. 14+270 US 14











SCALE 1:500  
DATE OCTOBER, 2006

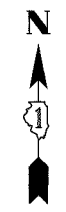
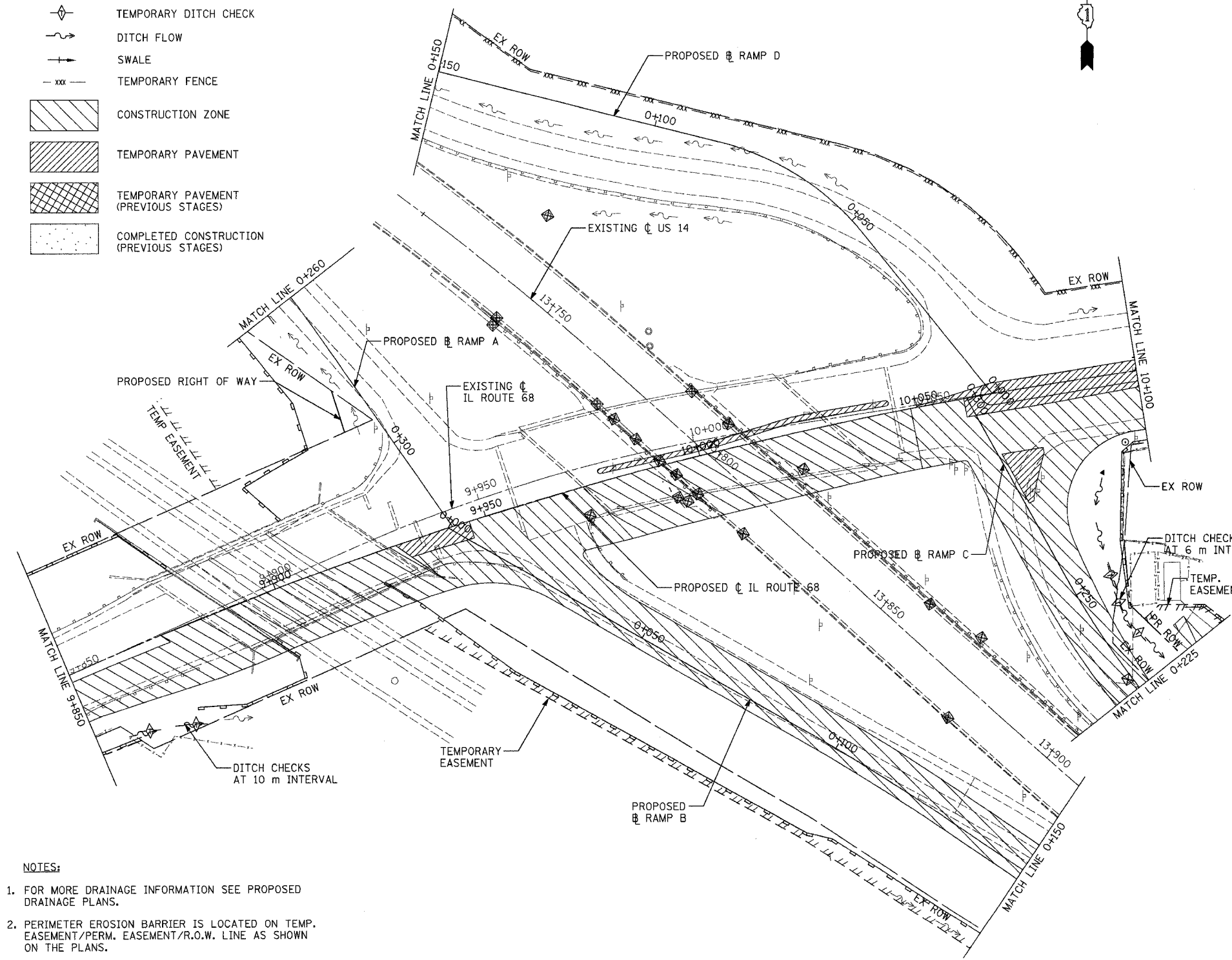
DRAWN BY RDT  
CHECKED BY PK



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	65
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 70D-Y-B-R & 70HB-R-1				62897

**LEGEND:**

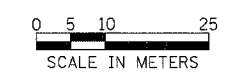
-  INLET AND PIPE PROTECTION
-  PERIMETER EROSION BARRIER
-  TEMPORARY DITCH CHECK
-  DITCH FLOW
-  SWALE
-  TEMPORARY FENCE
-  CONSTRUCTION ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (PREVIOUS STAGES)
-  COMPLETED CONSTRUCTION (PREVIOUS STAGES)



- TEMPORARY EROSION CONTROL NOTES:**
- THE CONTRACTOR SHALL APPLY EROSION CONTROL MEASURES PRIOR TO ANY EARTH DISTURBING ACTIVITIES.
  - EROSION CONTROL FEATURES SHALL REMAIN IN PLACE AND BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION PERIOD OR AS DIRECTED BY THE ENGINEER.
  - POSITIVE DRAINAGE WILL BE MAINTAINED DURING ALL STAGES OF CONSTRUCTION.
  - PERIMETER EROSION BARRIER OR SILT FENCE SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER WHERE THE SLOPE IS SUCH THAT SOIL WILL WASH AWAY FROM THE PROJECT LIMITS.
  - TEMPORARY DITCH CHECKS SHALL BE PLACED IN ALL EXISTING AND PROPOSED DITCHES, AT EVERY 0.3m DROP IN ELEVATION.
  - PROPOSED INLETS AND PIPES SHOULD BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED. THIS PROTECTION SHALL BE PLACED AS SHOWN ON THE PLANS OR AS DIRECTED BY ENGINEER.
  - ALL EXISTING INLETS AND PIPES WITHIN LIMITS OF CONSTRUCTION OR WHO WILL RECEIVE RUNOFF FROM DISTURBED AREAS WILL BE PROTECTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
  - INLET AND PIPE PROTECTIONS SHALL STAY IN PLACE UNTIL SURFACES THAT DRAIN TO THEM ARE PAVED OR REVEGETATED.
  - THE CONTRACTOR SHALL ACQUIRE THE NPDES PERMIT BEFORE BEGINNING CONSTRUCTION.
  - ALL ITEMS SHALL BE CONSTRUCTED AS SHOWN ON STANDARD 280001 AND AS DIRECTED BY THE ENGINEER. MAINTENANCE AND CLEANING OF THE EROSION CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE EROSION CONTROL PAY ITEM.
  - ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT.
  - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 00-60.
  - EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION.
  - EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
  - TEMPORARY DRAINAGE SHALL BE CONDUCTED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
  - ADDITIONAL 500 m OF TEMPORARY FENCE (NOT SHOWN ON THE PLANS) HAS BEEN PROVIDED FOR PROTECTION OF THE PLANT MATERIAL INSIDE INFIELD AREAS. PLACEMENT OF THE ADDITIONAL TEMPORARY FENCE SHALL BE DIRECTED BY THE ENGINEER BEFORE START OF THE CONSTRUCTION.

**NOTES:**

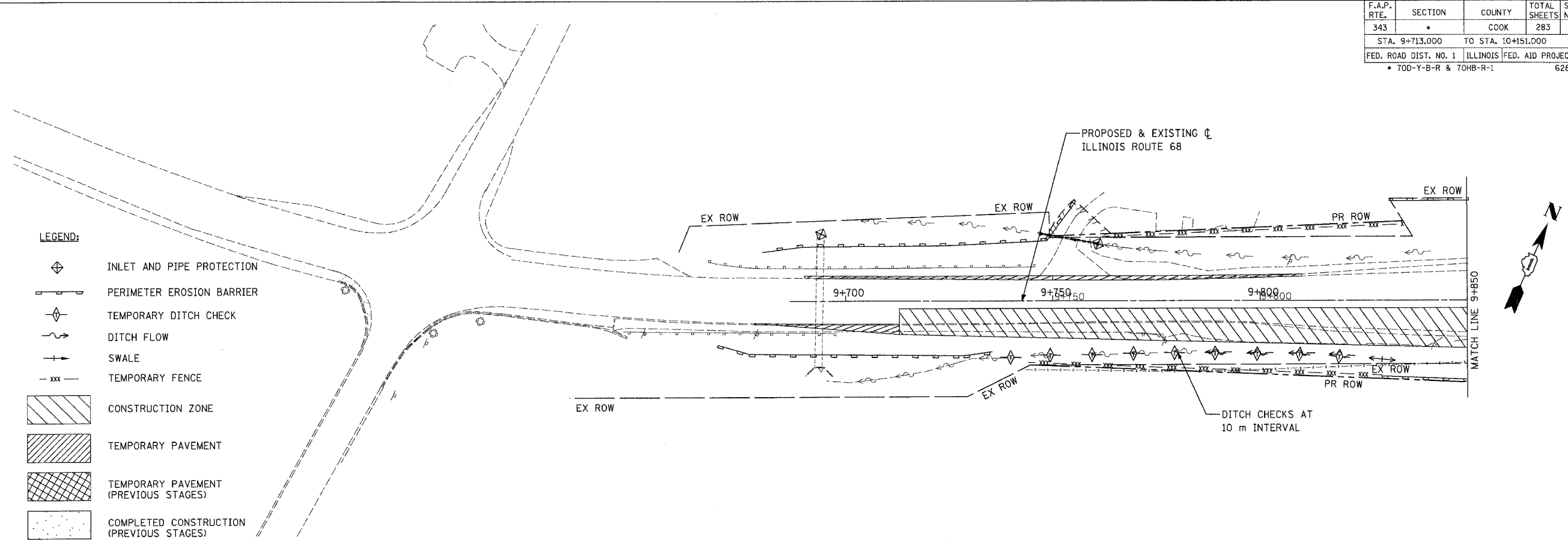
- FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
- PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
- FOR PERMANENT EROSION CONTROL INFORMATION SEE LANDSCAPING PLANS.
- FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
- TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.



REVISIONS	
NAME	DATE

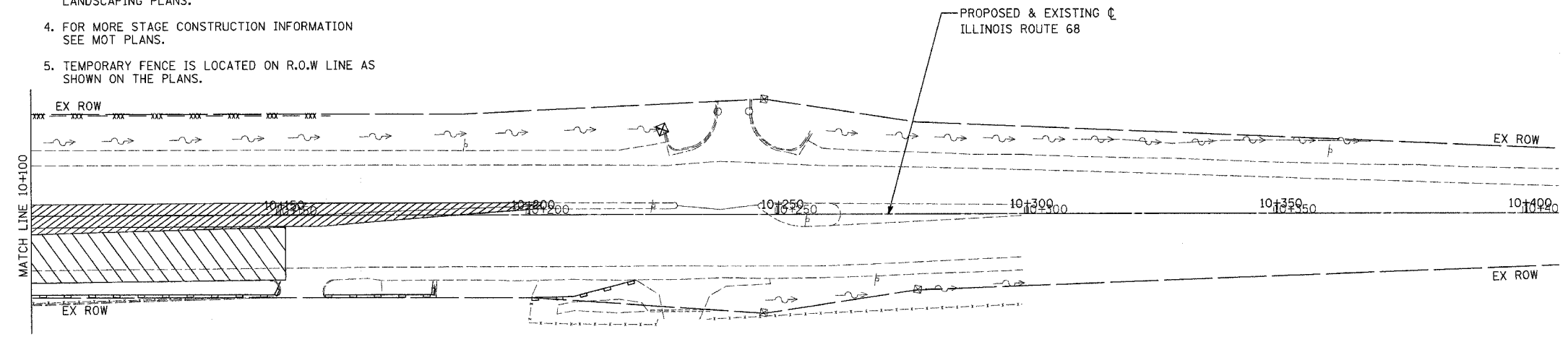
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TEMPORARY EROSION CONTROL PLAN  
ILLINOIS ROUTE 68 STAGE 1A AND 1B  
STA. 9+850 TO STA. 10+100  
SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	66
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

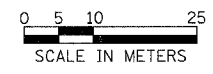


- LEGEND:**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - DITCH FLOW
  - SWALE
  - TEMPORARY FENCE
  - CONSTRUCTION ZONE
  - TEMPORARY PAVEMENT
  - TEMPORARY PAVEMENT (PREVIOUS STAGES)
  - COMPLETED CONSTRUCTION (PREVIOUS STAGES)

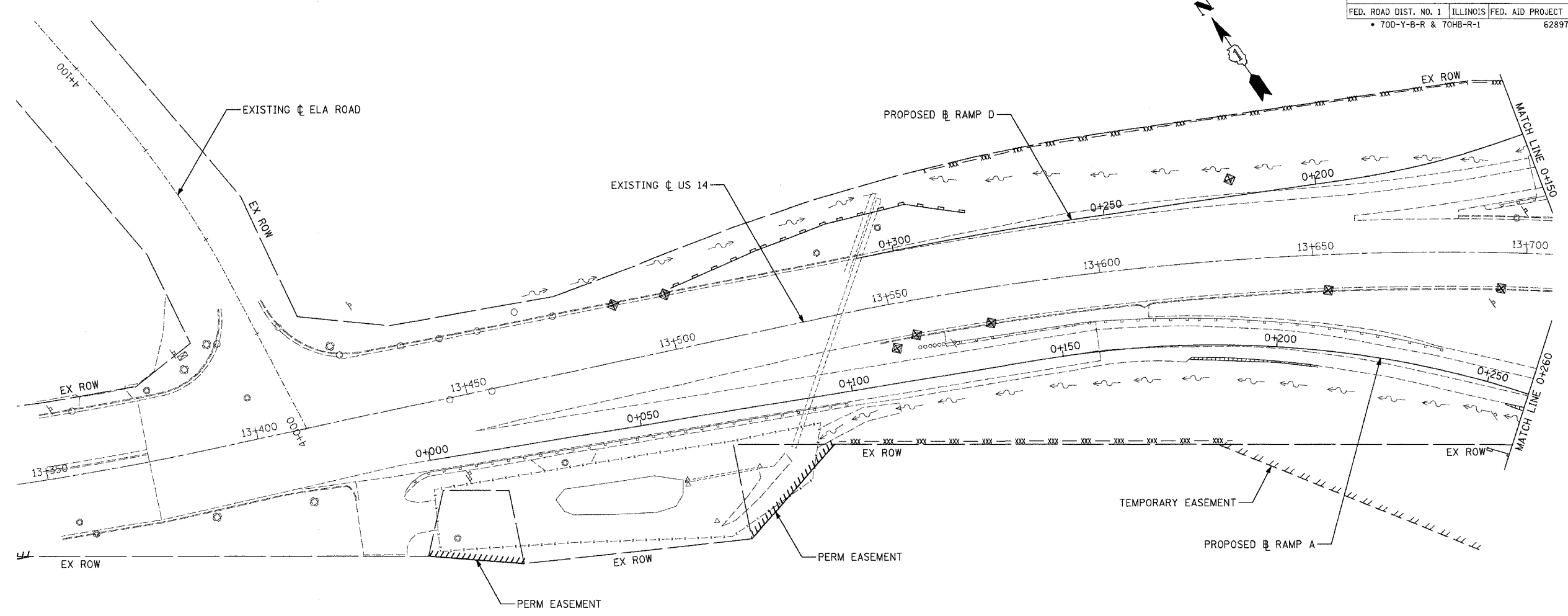
- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
  3. FOR PERMANENT EROSION CONTROL INFORMATION SEE LANDSCAPING PLANS.
  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
  5. TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68 TEMPORARY EROSION CONTROL PLAN ILLINOIS ROUTE 68 STAGE 1A AND 1B STA. 9+700 TO STA. 9+850 AND STA. 10+100 TO STA. 10+300
NAME	DATE	
		SCALE 1:500 DATE OCTOBER, 2006



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	244	67
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
  3. FOR PERMANENT EROSION CONTROL INFORMATION SEE LANDSCAPING PLANS.
  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
  5. TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.

**LEGEND:**

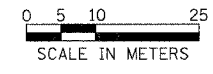
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)

REVISIONS	
NAME	DATE

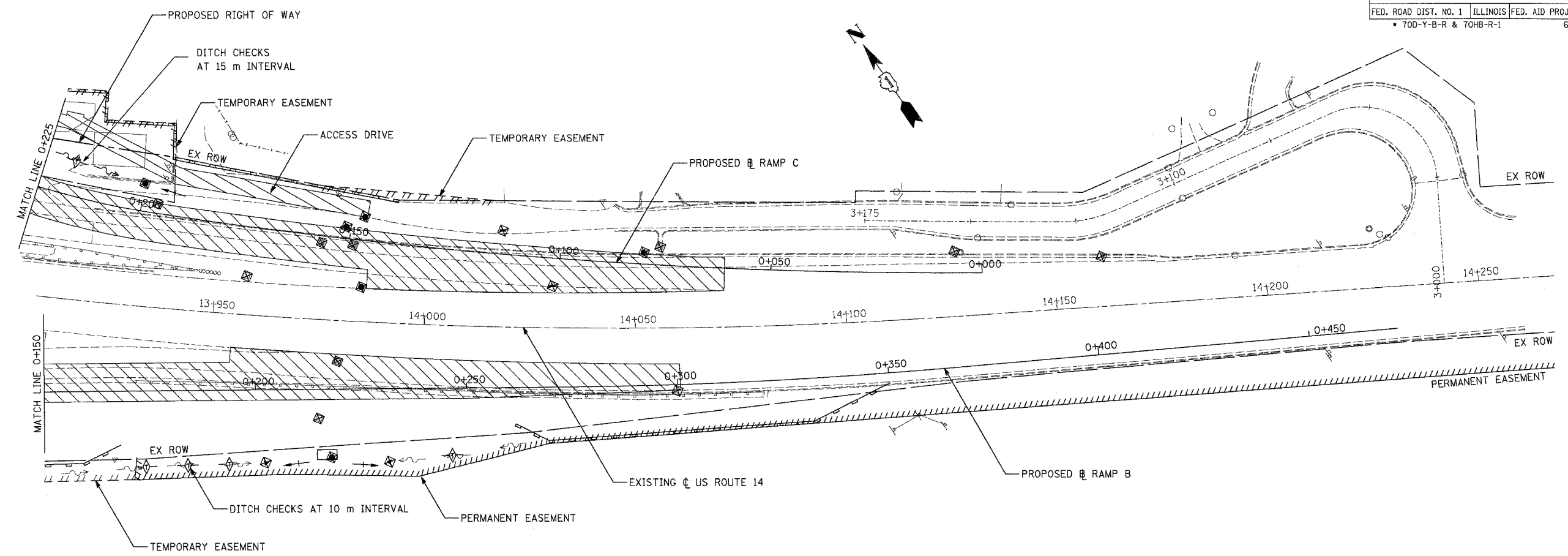
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TEMPORARY EROSION CONTROL PLAN  
ILLINOIS ROUTE 68 STAGE 1A AND 1B  
STA. 13+350 TO STA. 13+700 US 14

SCALE 1:500  
DATE OCTOBER, 2006

DRAWN BY GRH  
CHECKED BY PK



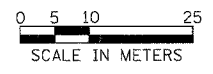
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	68
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



**LEGEND:**

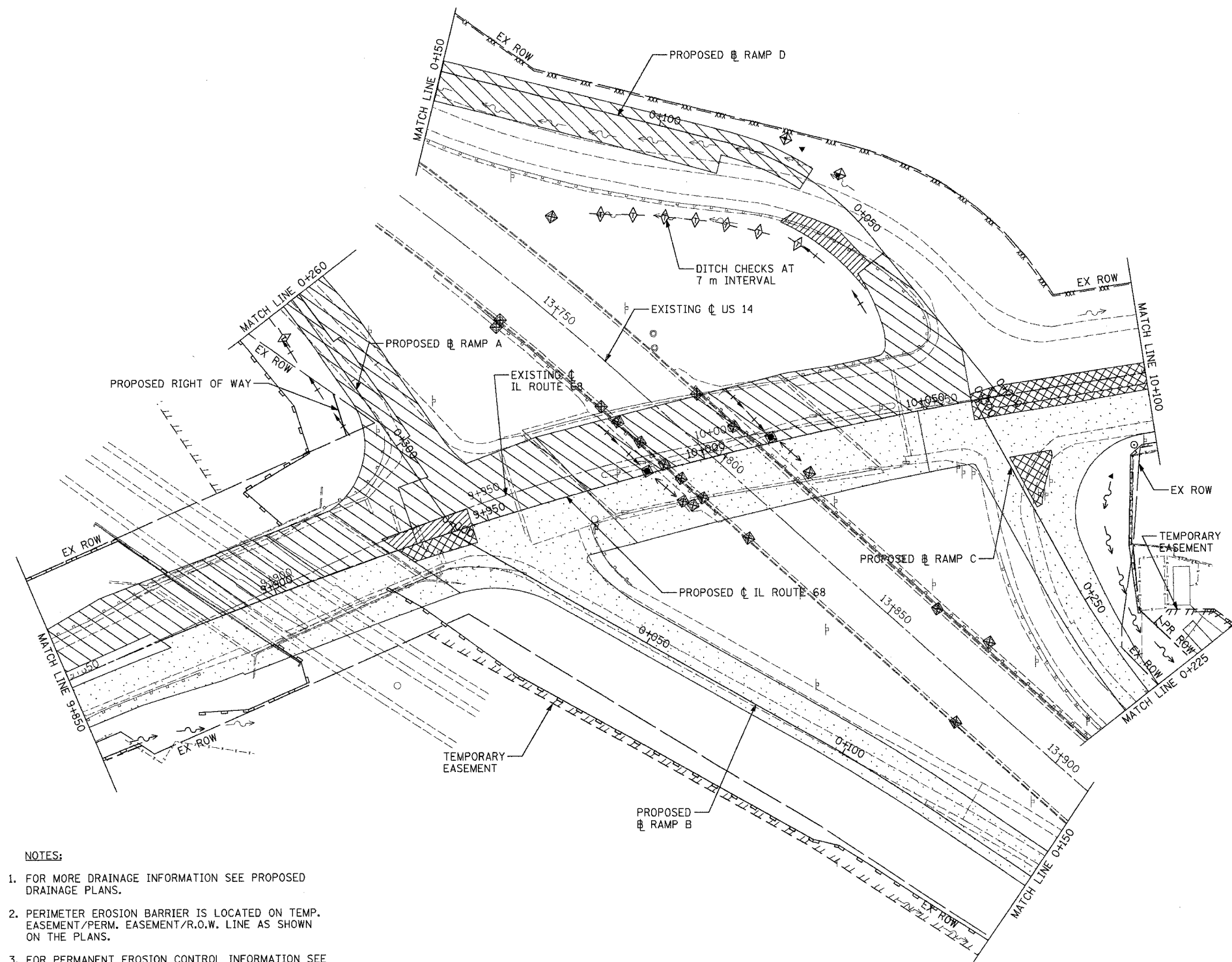
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)

- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
  3. FOR PERMANENT EROSION CONTROL INFORMATION SEE LANDSCAPING PLANS.
  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68 TEMPORARY EROSION CONTROL PLAN ILLINOIS ROUTE 68 STAGE 1A AND 1B STA. 13+900 TO STA. 14+270 US 14
NAME	DATE	
		SCALE 1:500 DATE OCTOBER, 2006
DRAWN BY GRH		CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	69
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



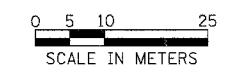
- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
  3. FOR PERMANENT EROSION CONTROL INFORMATION SEE LANDSCAPING PLANS.
  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
  5. TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.

**LEGEND:**

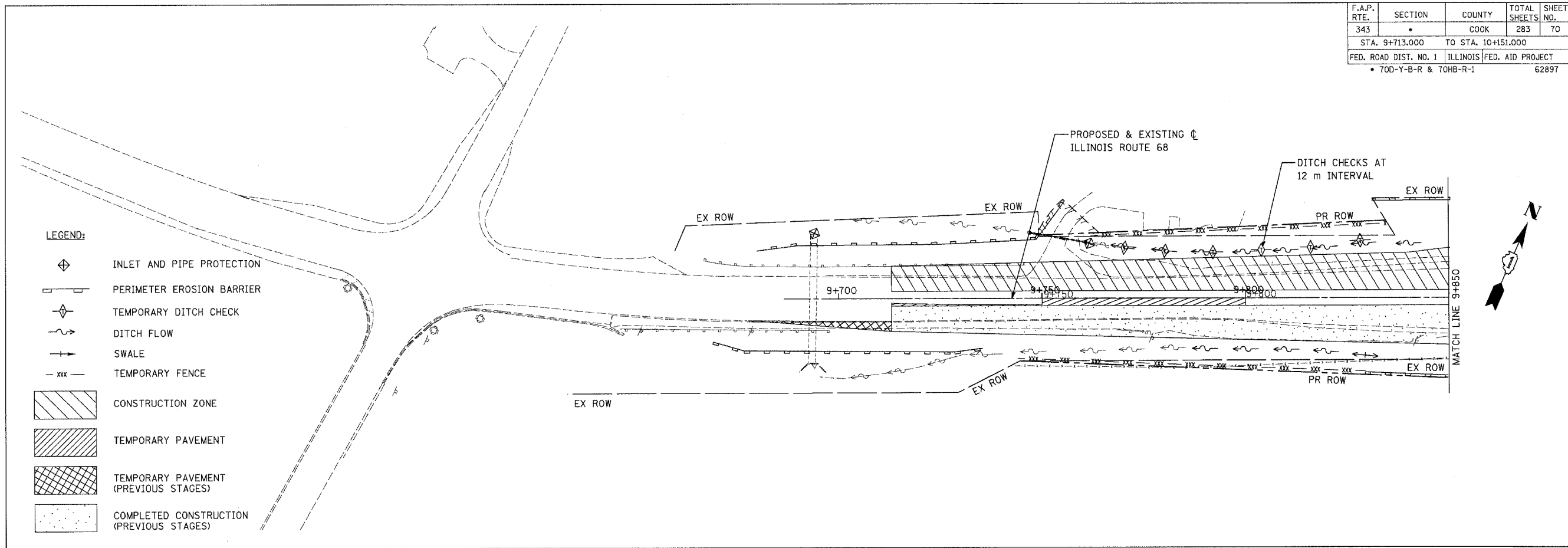
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILLINOIS ROUTE 68  
 TEMPORARY EROSION CONTROL PLAN  
 ILLINOIS ROUTE 68 STAGE 2A AND 2B  
 STA. 9+850 TO STA. 10+100  
 SCALE 1:500  
 DATE OCTOBER, 2006  
 DRAWN BY GRH  
 CHECKED BY PK

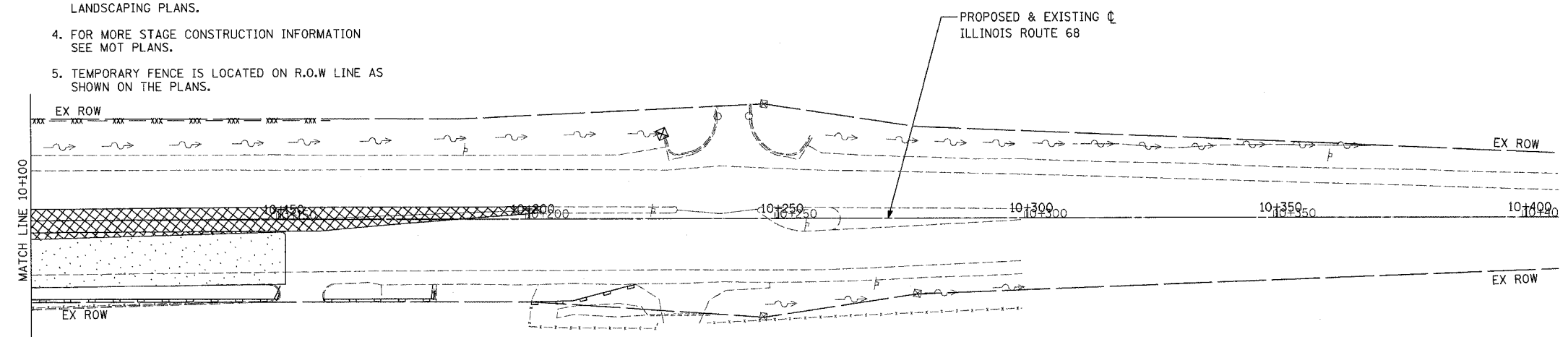


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	70
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



- LEGEND:**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - DITCH FLOW
  - SWALE
  - TEMPORARY FENCE
  - CONSTRUCTION ZONE
  - TEMPORARY PAVEMENT
  - TEMPORARY PAVEMENT (PREVIOUS STAGES)
  - COMPLETED CONSTRUCTION (PREVIOUS STAGES)

- NOTES:**
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  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
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  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
  5. TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.

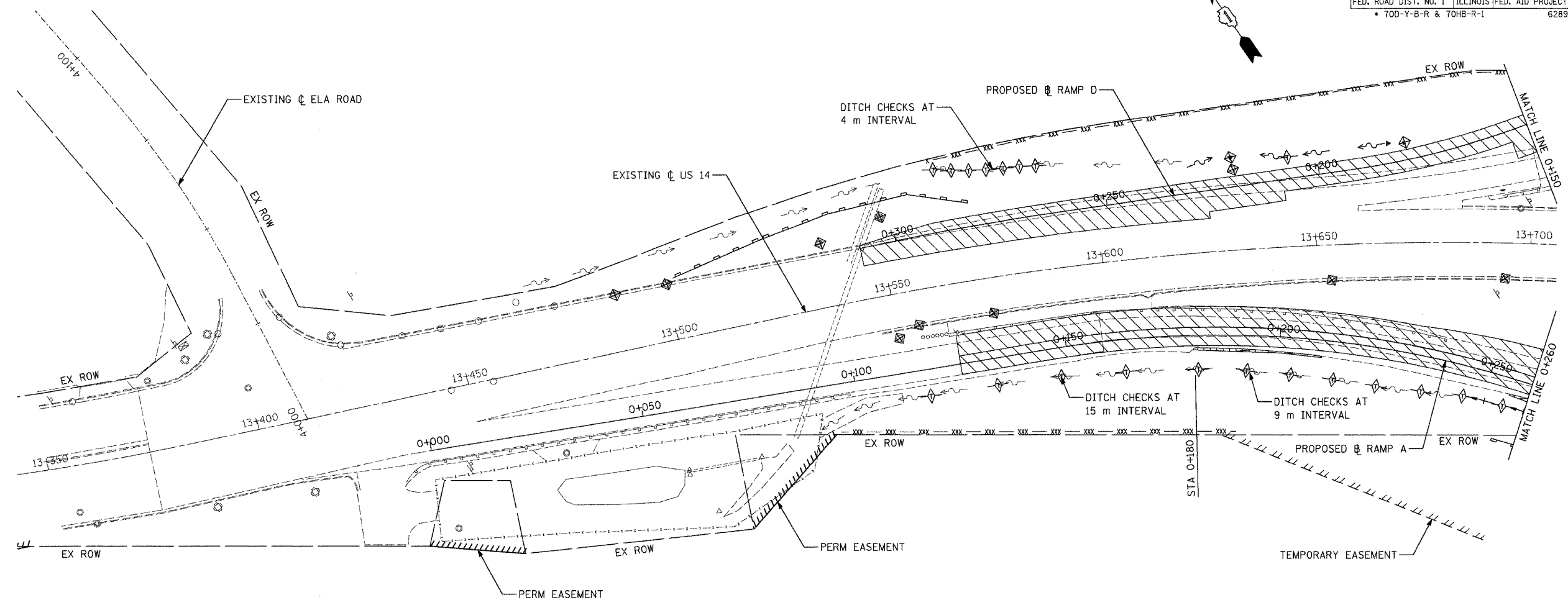


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TEMPORARY EROSION CONTROL PLAN  
ILLINOIS ROUTE 68 STAGE 2A AND 2B  
STA. 9+700 TO STA. 9+850  
AND STA. 10+100 TO STA. 10+300  
SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK

0 5 10 25  
SCALE IN METERS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	71
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



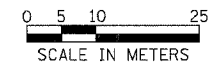
- NOTES:**
1. FOR MORE DRAINAGE INFORMATION SEE PROPOSED DRAINAGE PLANS.
  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
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  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
  5. TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.

**LEGEND:**

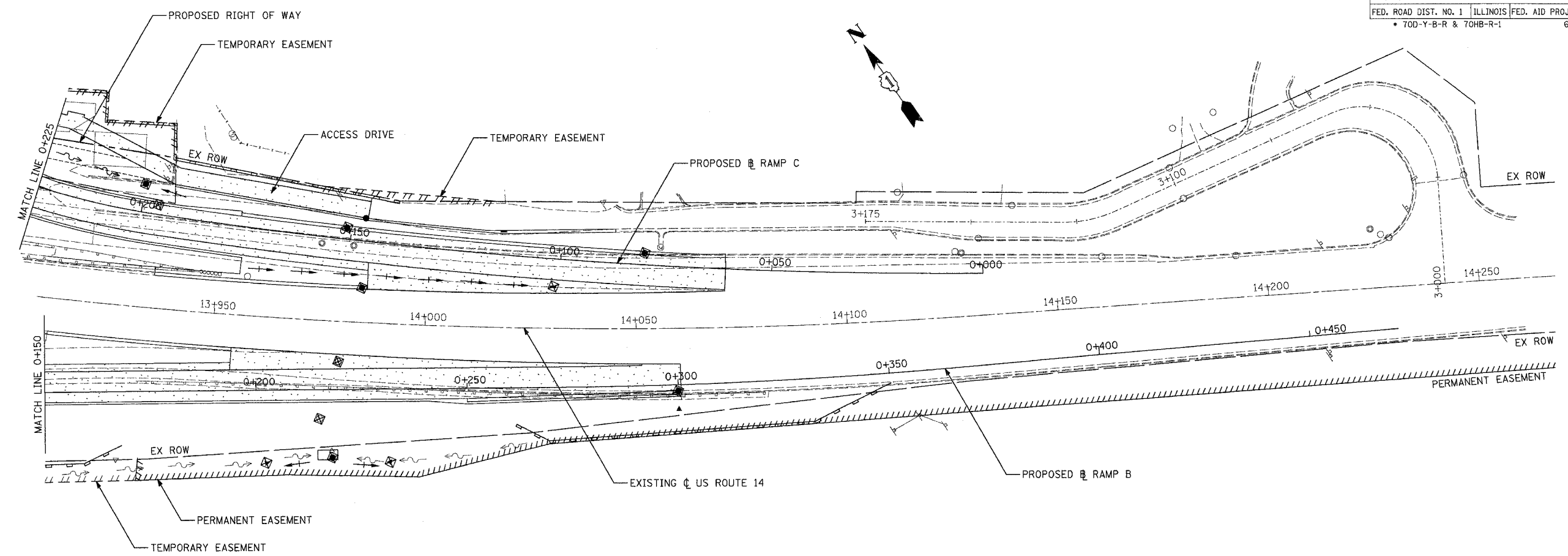
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	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TEMPORARY EROSION CONTROL PLAN  
ILLINOIS ROUTE 68 STAGE 2A AND 2B  
STA. 13+350 TO STA. 13+700 US 14  
SCALE 1:500  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK



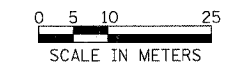
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	•	COOK	283	72
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
• 70D-Y-B-R & 70HB-R-1		62897		



- NOTES:**
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  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
  3. FOR PERMANENT EROSION CONTROL INFORMATION SEE LANDSCAPING PLANS.
  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.

**LEGEND:**

	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)



REVISIONS	
NAME	DATE

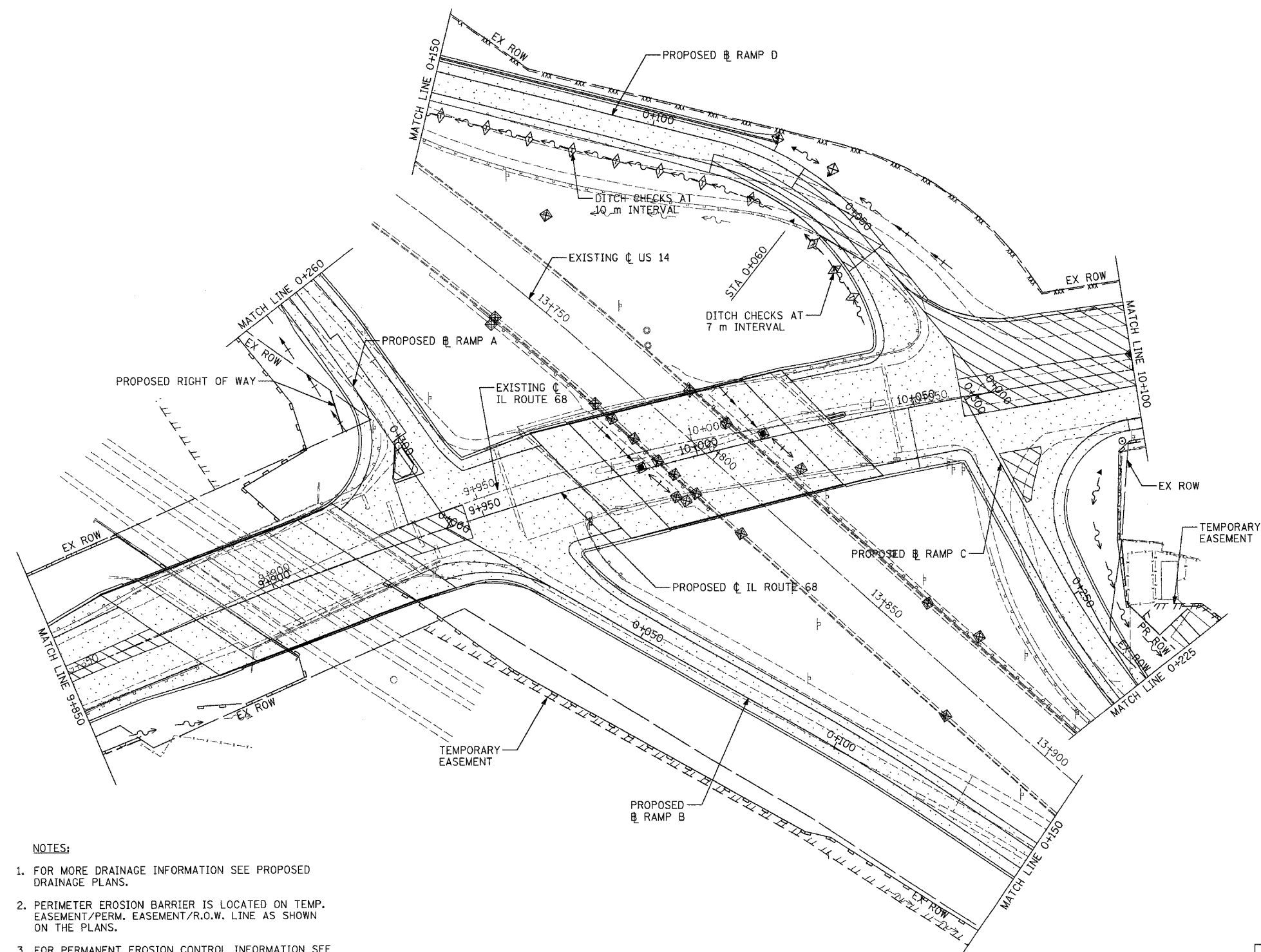
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TEMPORARY EROSION CONTROL PLAN  
ILLINOIS ROUTE 68 STAGE 2A AND 2B  
STA. 13+900 TO STA. 14+270 US 14

SCALE 1:500  
DATE OCTOBER, 2006

DRAWN BY GRH  
CHECKED BY PK



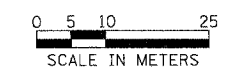
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	73
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



**LEGEND:**

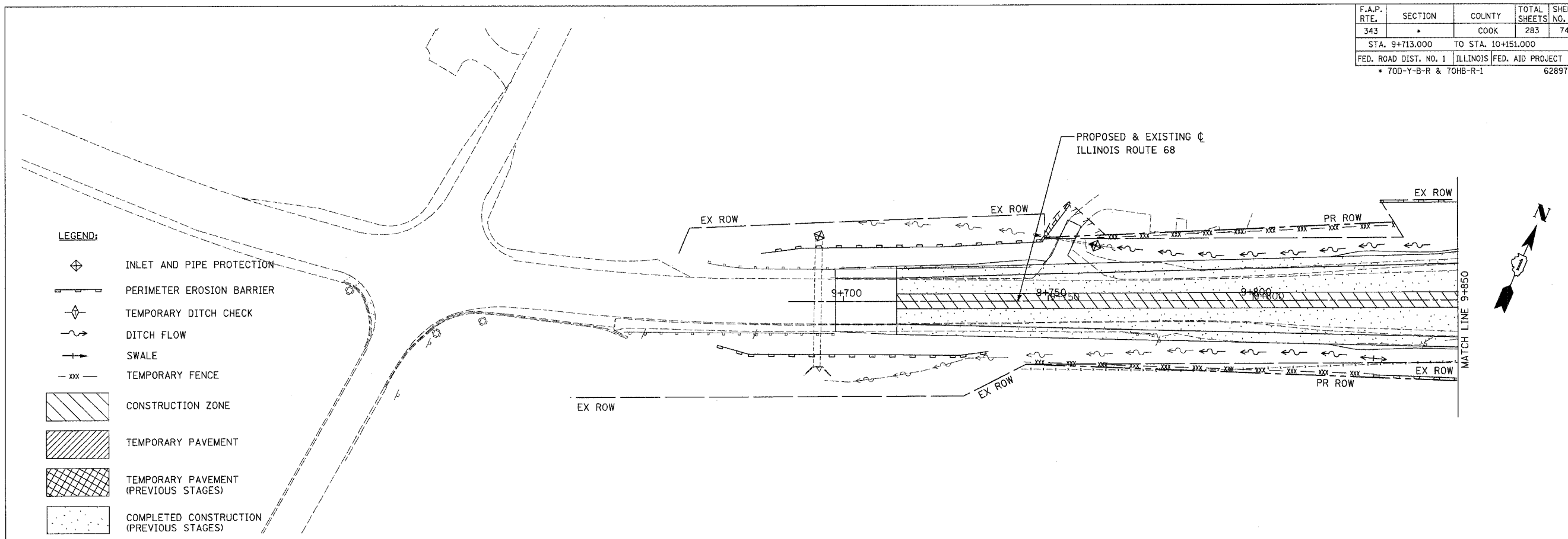
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)

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  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
  5. TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.



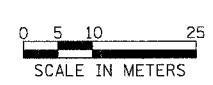
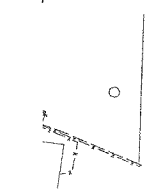
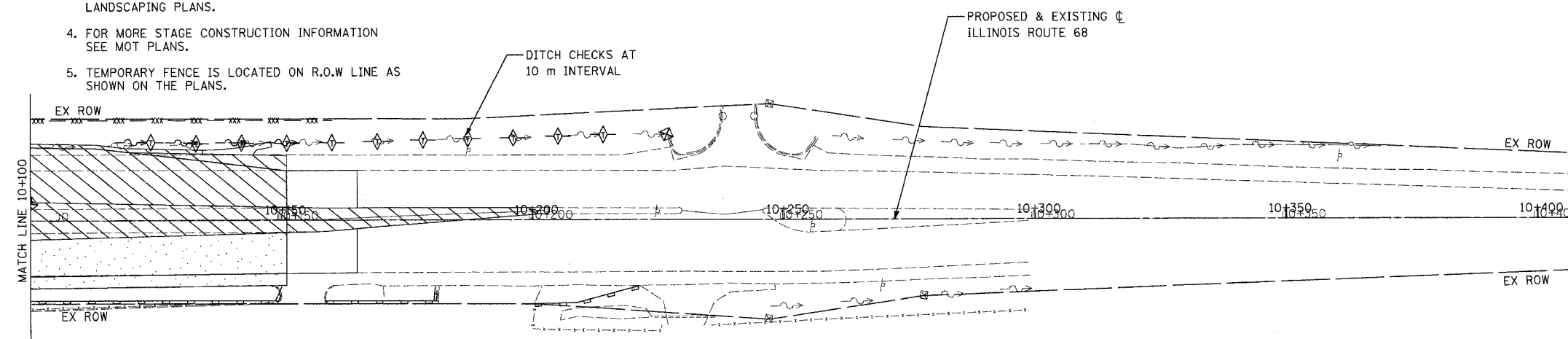
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68 TEMPORARY EROSION CONTROL PLAN ILLINOIS ROUTE 68 STAGE 3A AND 3B STA. 9+850 TO STA. 10+100
NAME	DATE	
		SCALE 1:500 DATE OCTOBER, 2006
DRAWN BY GRH CHECKED BY PK		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	74
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		



- LEGEND:**
- INLET AND PIPE PROTECTION
  - PERIMETER EROSION BARRIER
  - TEMPORARY DITCH CHECK
  - DITCH FLOW
  - SWALE
  - TEMPORARY FENCE
  - CONSTRUCTION ZONE
  - TEMPORARY PAVEMENT
  - TEMPORARY PAVEMENT (PREVIOUS STAGES)
  - COMPLETED CONSTRUCTION (PREVIOUS STAGES)

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  - FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.
  - TEMPORARY FENCE IS LOCATED ON R.O.W LINE AS SHOWN ON THE PLANS.

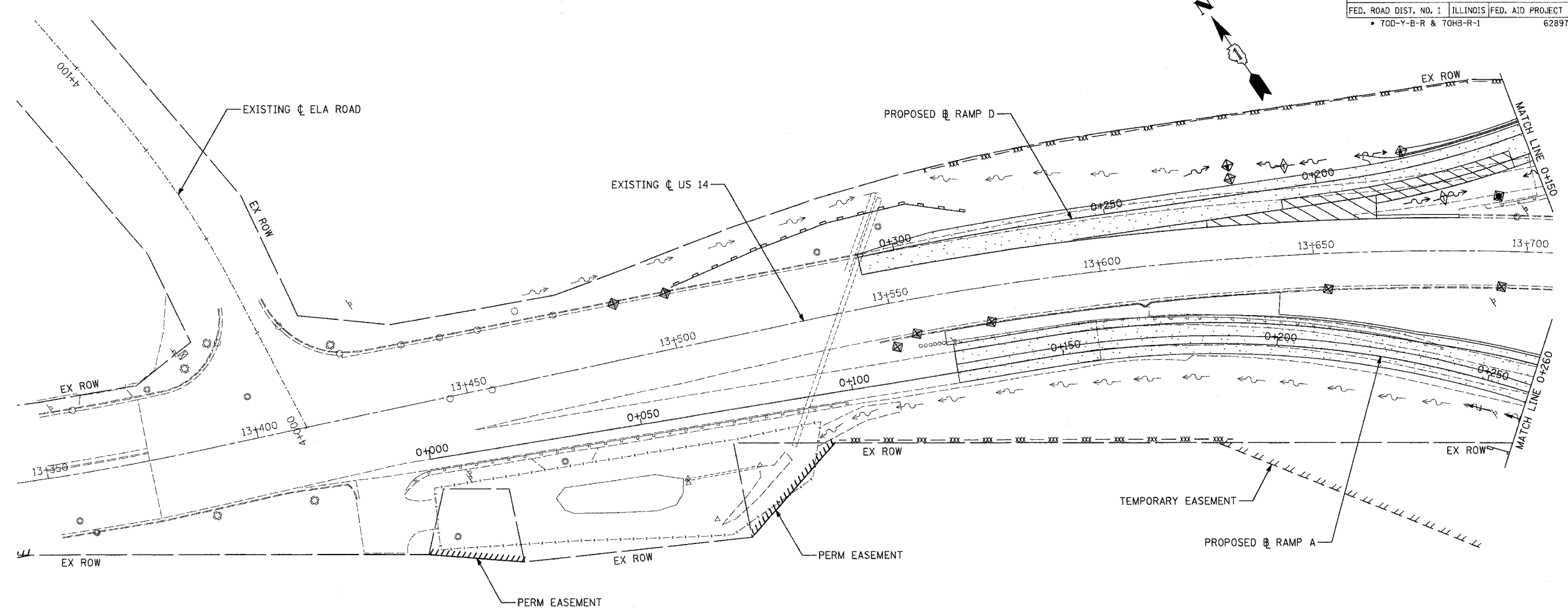


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TEMPORARY EROSION CONTROL PLAN  
ILLINOIS ROUTE 68 STAGE 3A AND 3B  
STA. 9+700 TO STA. 9+850  
AND STA. 10+100 TO STA. 10+300  
SCALE 1:500  
DATE OCTOBER, 2006

DRAWN BY GRH  
CHECKED BY PK

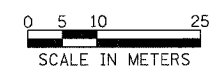
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	75
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



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  2. PERIMETER EROSION BARRIER IS LOCATED ON TEMP. EASEMENT/PERM. EASEMENT/R.O.W. LINE AS SHOWN ON THE PLANS.
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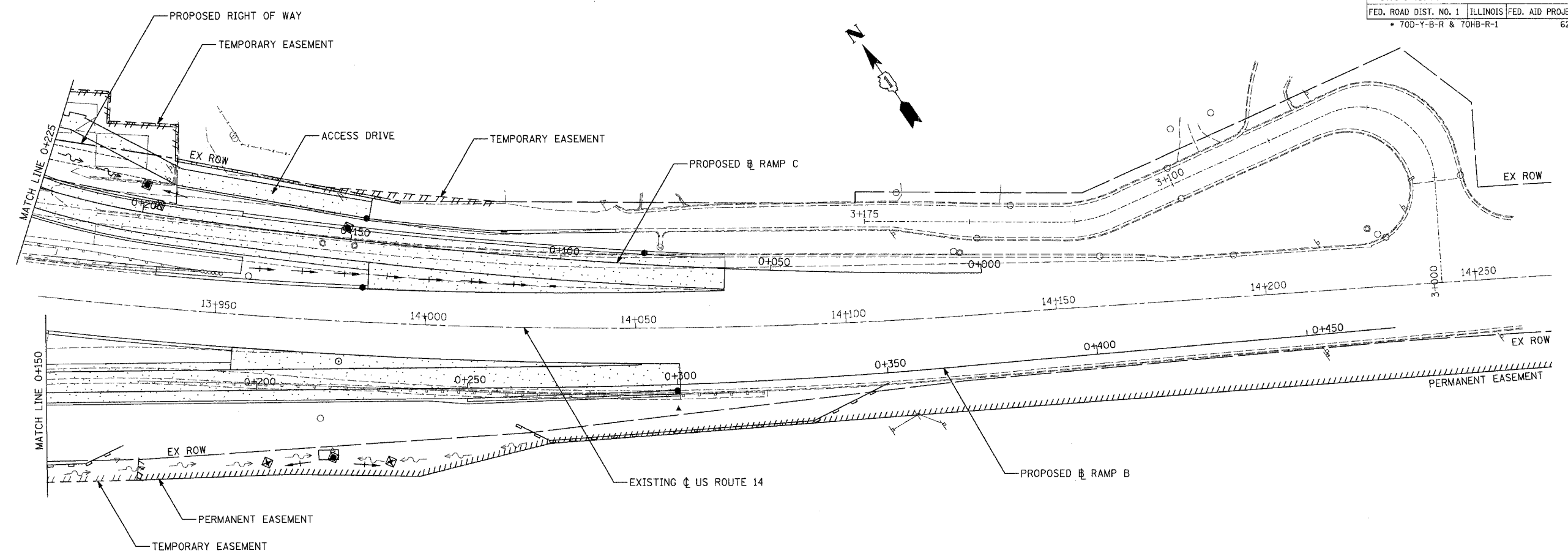
**LEGEND:**

	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68 TEMPORARY EROSION CONTROL PLAN ILLINOIS ROUTE 68 STAGE 3A AND 3B STA. 13+350 TO STA. 13+700 US 14
NAME	DATE	
		SCALE 1:500 DATE OCTOBER, 2006 DRAWN BY GRH CHECKED BY PK

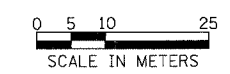
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	76
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 700-Y-B-R & 70HB-R-1		62897		



**LEGEND:**

	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECK
	DITCH FLOW
	SWALE
	TEMPORARY FENCE
	CONSTRUCTION ZONE
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT (PREVIOUS STAGES)
	COMPLETED CONSTRUCTION (PREVIOUS STAGES)

- NOTES:**
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  4. FOR MORE STAGE CONSTRUCTION INFORMATION SEE MOT PLANS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TEMPORARY EROSION CONTROL PLAN  
ILLINOIS ROUTE 68 STAGE 3A AND 3B  
STA. 13+900 TO STA. 14+270 US 14

SCALE 1:500      DRAWN BY GRH  
DATE OCTOBER, 2006      CHECKED BY PK

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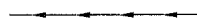

















F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	77
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

**DRAINAGE GENERAL NOTES:**

1. THE CONTRACTOR SHALL COORDINATE THE PROPOSED DRAINAGE SYSTEM CONSTRUCTION WITH ALL OTHER UTILITY ADJUSTMENTS AND INSTALLATIONS AS APPROVED BY THE ENGINEER, THIS WORK SHALL BE INCIDENTAL TO THE CONSTRUCTION OF THE DRAINAGE SYSTEM.
2. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTORS EXPENSE. THIS WORK SHALL MEET THE SATISFACTION OF THE ENGINEER.
4. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLETS IN A CURB LINE ARE AT THE EDGE OF PAVEMENT. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL OTHER INLETS ARE TO THE CENTER OF THE LID.
5. ALL CULVERT PIPES UNDER DRIVEWAYS SHALL MATCH FLOW LINES OF THE DITCH.
6. ALL CORRUGATED METAL PIPE (CMP) REMOVALS SHALL NOT BE PAID FOR SEPERATLY, BUT WILL BE INCLUDED IN THE COST FOR EARTH EXCAVATIONS.
7. GRATINGS FOR CONCRETE FLARED END SECTIONS SHALL BE FURNISHED FOR ALL PRECAST REINFORCED CONCRETE FLARED END SECTIONS 600 mm & LARGER.
8. ALL LATERAL CONNECTIONS TO EXISTING STORM SEWER SHALL BE INSTALLED PER DISTRICT ONE DETAIL SHOWN ON SHEET BD-7 (DETAIL OF STORM SEWER CONNECTING TO EXISTING SEWER).

NOTE: ALL INCIDENTAL ITEMS ARE BOXED OUT

**DRAINAGE LEGEND**

-  EXISTING STORM SEWER
-  EXISTING CULVERT
-  EXISTING DITCH FLOW
-  EXISTING INLET
-  EXISTING MANHOLE
-  EXISTING CATCH BASIN
-  EXISTING FLARED END SECTION
-  EXISTING HEADWALL
-  PROPOSED STORM SEWER
-  PROPOSED DITCH FLOW
-  PROPOSED INLET
-  PROPOSED MANHOLE
-  PROPOSED CATCH BASIN
-  PROPOSED FLARED END SECTION
-  PROPOSED SWALE
-  CREST POINT
-  DITCH CHECK
-  ITEM TO BE ADJUSTED
-  ITEM TO BE REMOVED
-  ITEM TO BE ABANDONED
-  ITEM TO BE CLEANED
-  FLARED END SECTION
-  PIPE CULVERT
-  STORM SEWER
-  DENOTES EXISTING DRAINAGE STRUCTURE
-  DENOTES PROPOSED DRAINAGE STRUCTURE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68
NAME	DATE	
		PROPOSED DRAINAGE PLAN -1 GENERAL NOTES AND LEGEND
SCALE NTS		DRAWN BY GRH
DATE OCTOBER, 2006		CHECKED BY PK

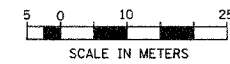
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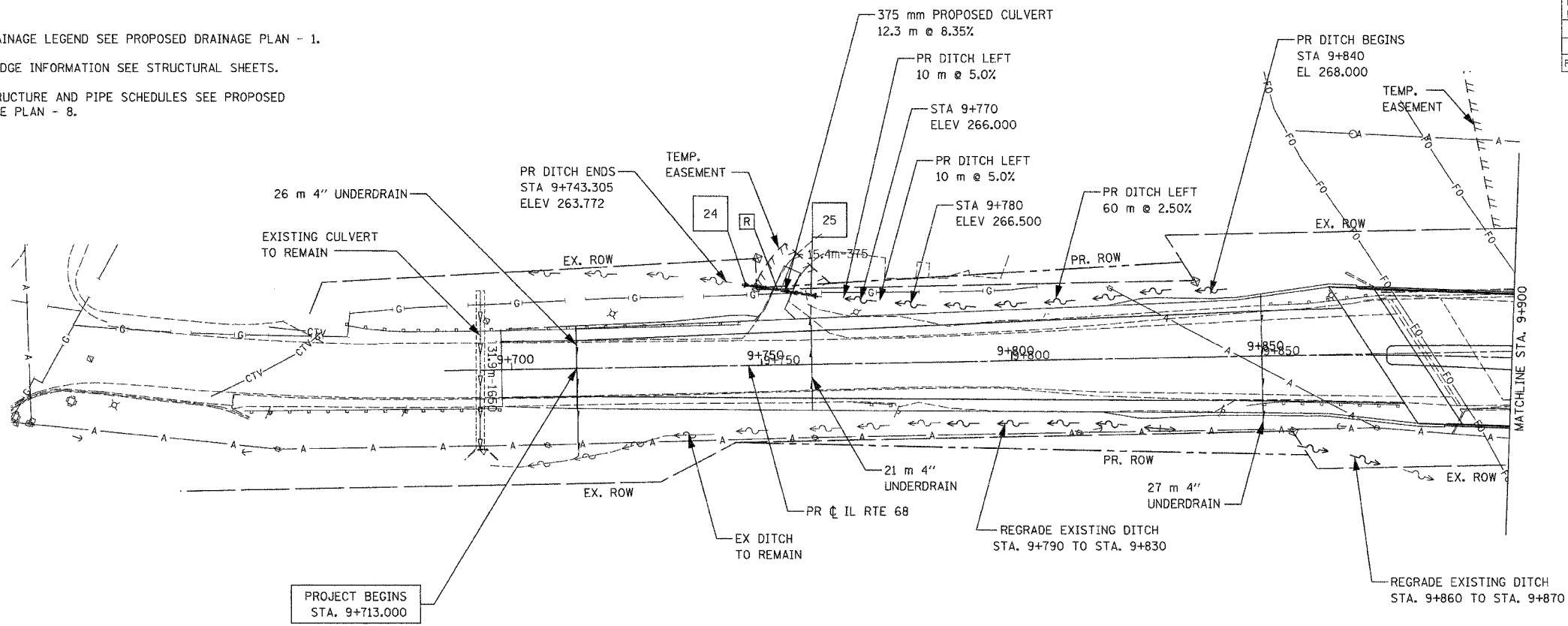
**NOTES:**

1. FOR DRAINAGE LEGEND SEE PROPOSED DRAINAGE PLAN - 1.
2. FOR BRIDGE INFORMATION SEE STRUCTURAL SHEETS.
3. FOR STRUCTURE AND PIPE SCHEDULES SEE PROPOSED DRAINAGE PLAN - 8.

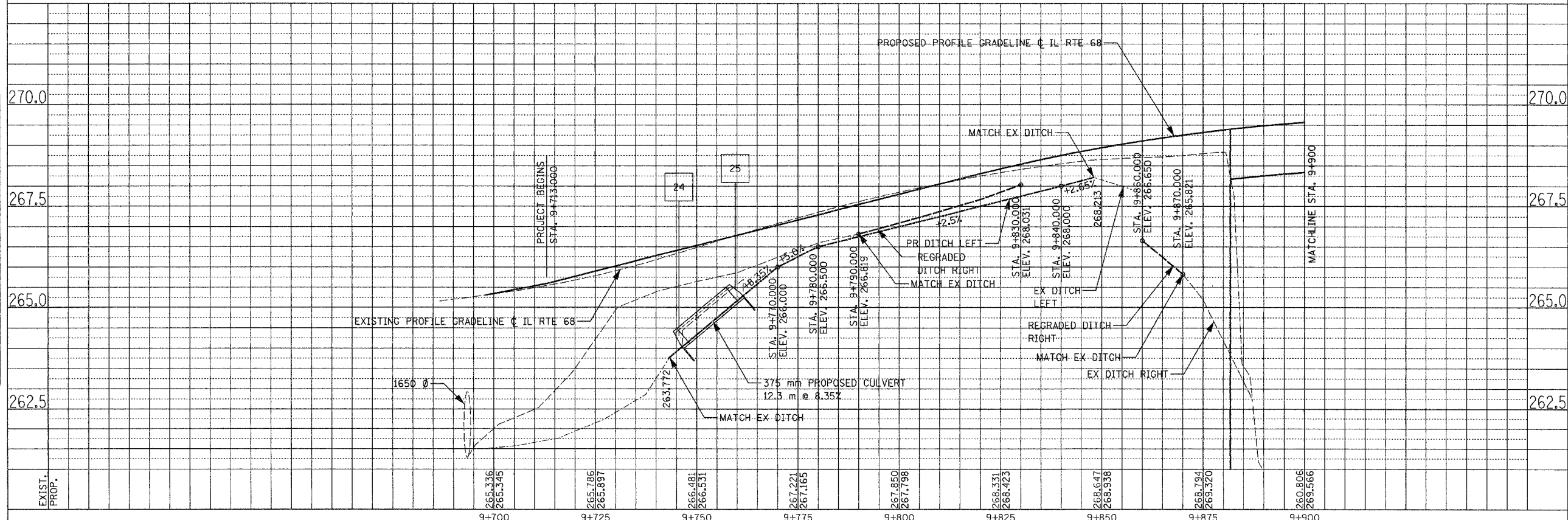
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	78
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 700-Y-B-R & 70HB-R-1		62897		



PLAN	DATE
SURVEYED	
ALIGNED	
NOTED	
NOT CHECKED	
RT. OF WAY CHECKED	
NO.	
CADD FILE NAME	



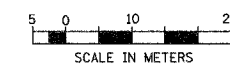
PROFILE	DATE
SURVEYED	
PLotted	
NOTED	
STRUCTURE NOTATIONS OK'D	
NO.	



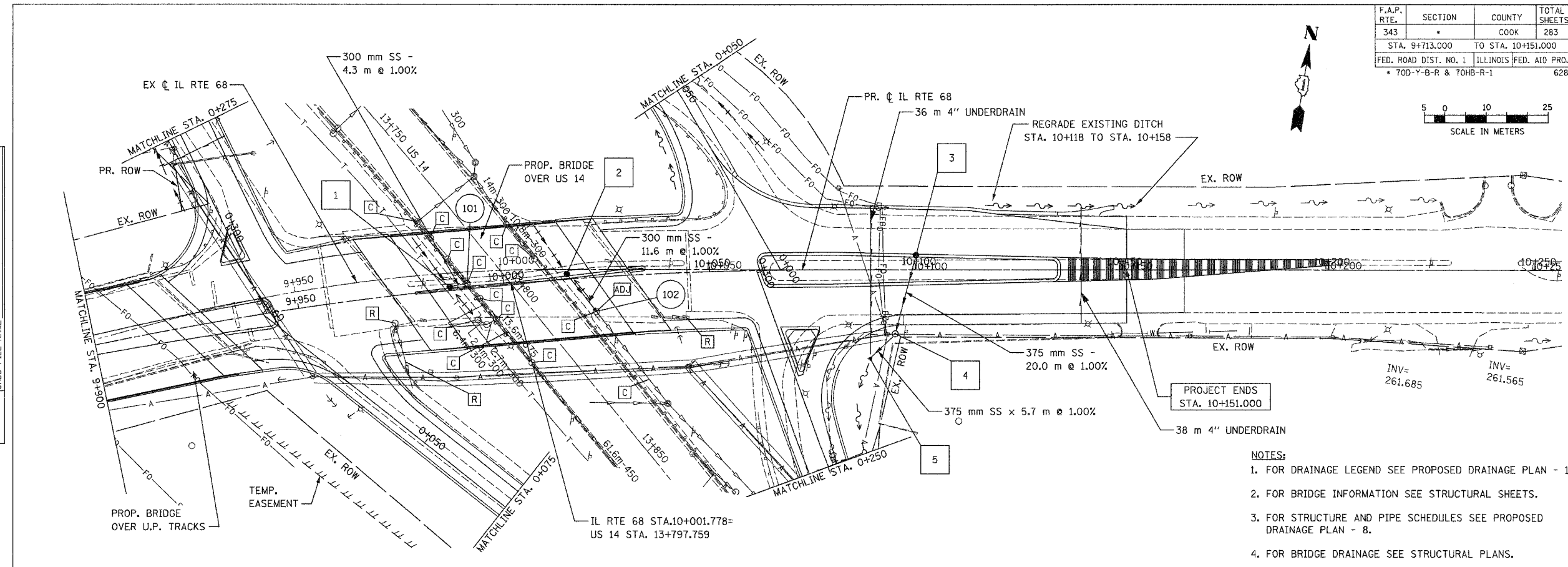
SCALE: H= 1:500, V=1:50 IL ROUTE 68-PROPOSED DRAINAGE PLAN - 2

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	79
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		

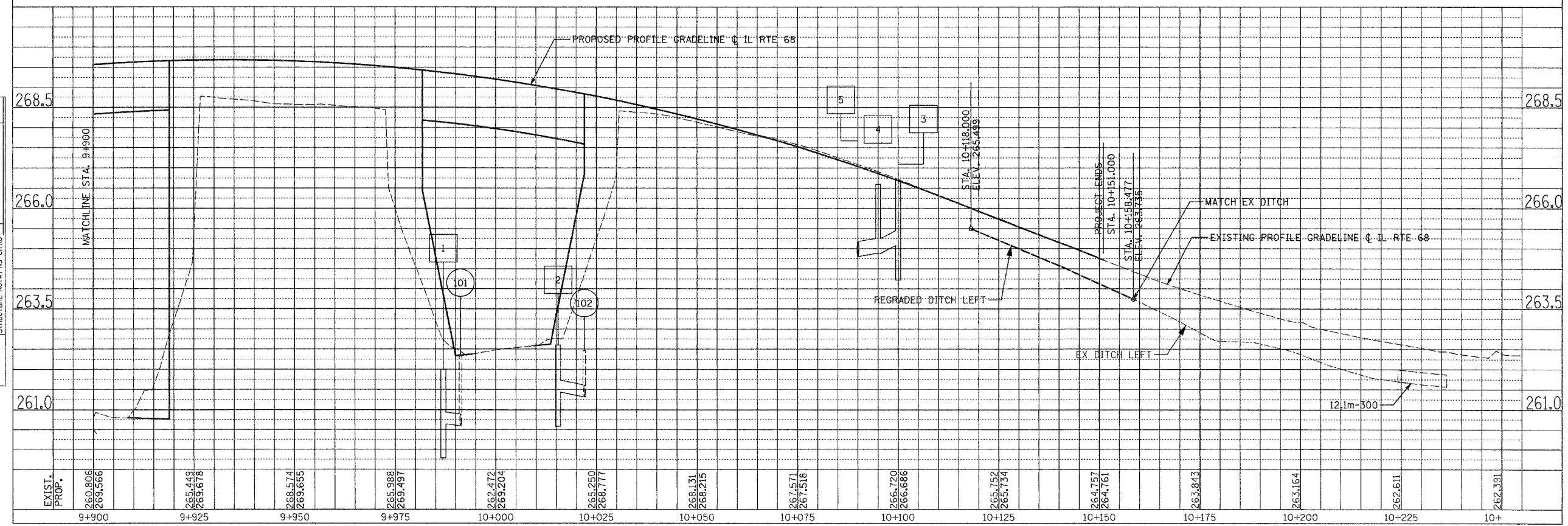


PLAN	DATE
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
RT. OF WAY	
CHECKED	
NO.	
CADD FILE NAME	

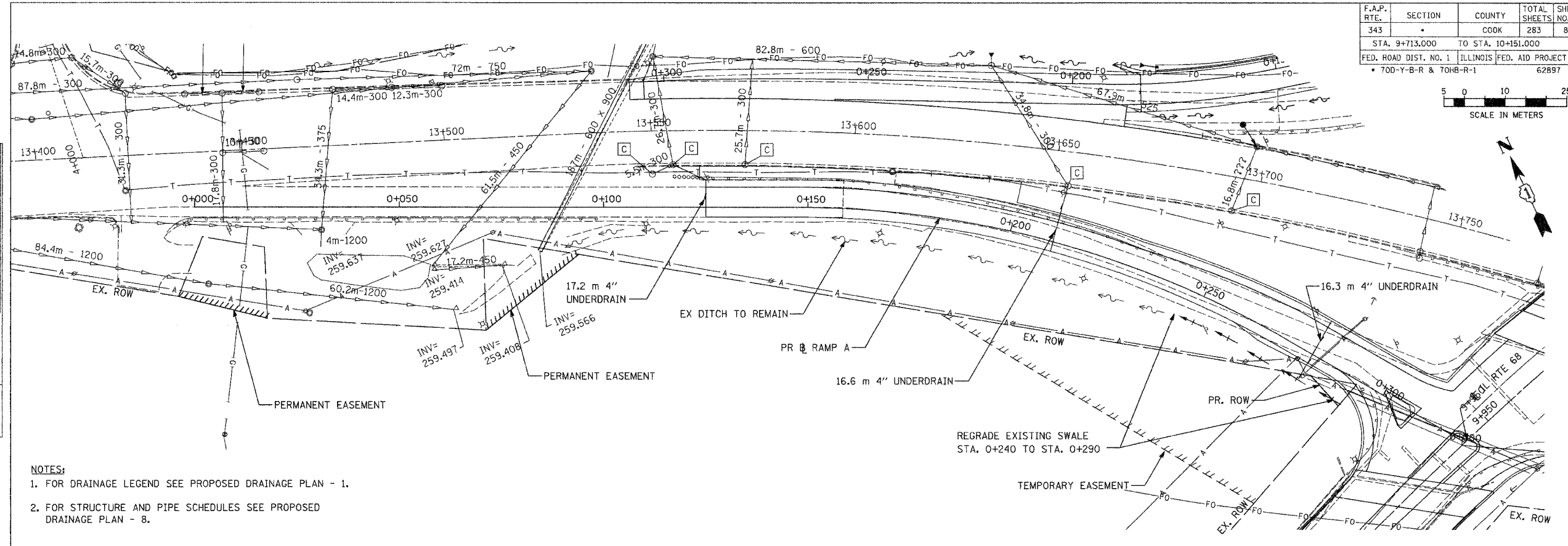
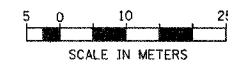


- NOTES:**
1. FOR DRAINAGE LEGEND SEE PROPOSED DRAINAGE PLAN - 1.
  2. FOR BRIDGE INFORMATION SEE STRUCTURAL SHEETS.
  3. FOR STRUCTURE AND PIPE SCHEDULES SEE PROPOSED DRAINAGE PLAN - 8.
  4. FOR BRIDGE DRAINAGE SEE STRUCTURAL PLANS.

PROFILE	DATE
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
B.M. NOTED	
NO.	
STRUCTURE NOTATIONS	
CHKD	

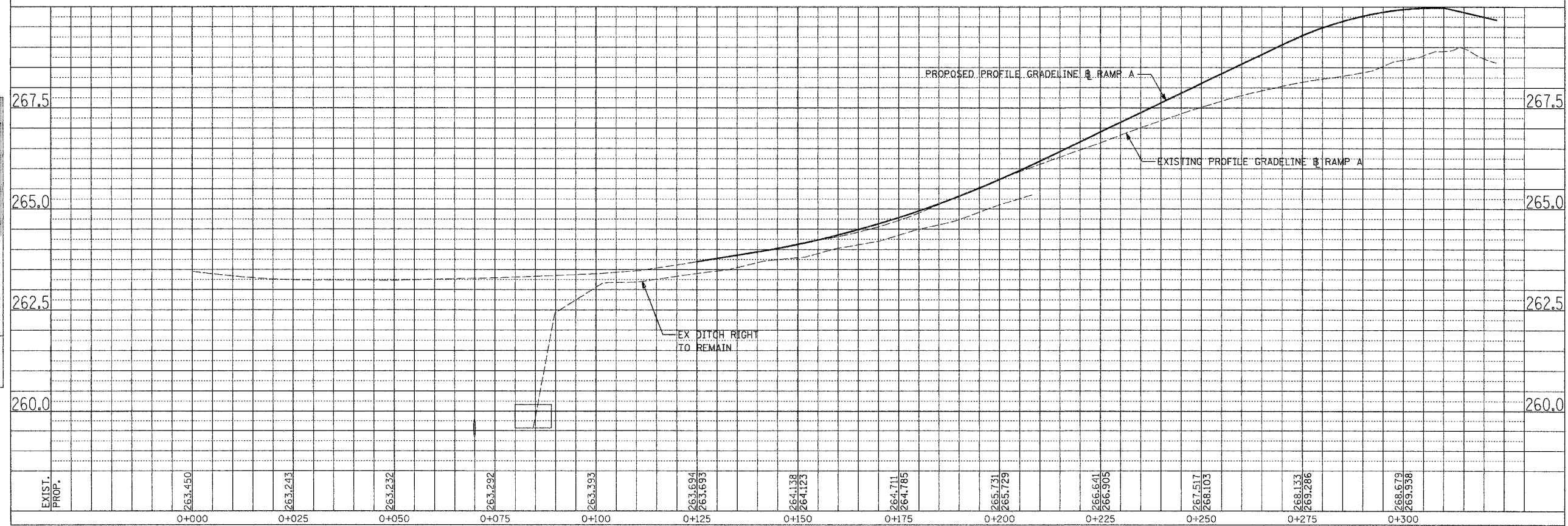


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	-	COOK	283	80
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				62897
• 70D-Y-B-R & 70HB-R-1				



- NOTES:**
1. FOR DRAINAGE LEGEND SEE PROPOSED DRAINAGE PLAN - 1.
  2. FOR STRUCTURE AND PIPE SCHEDULES SEE PROPOSED DRAINAGE PLAN - 8.

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	BY	
	DATE	



PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES	
	CHECKED	
	BY	
	DATE	

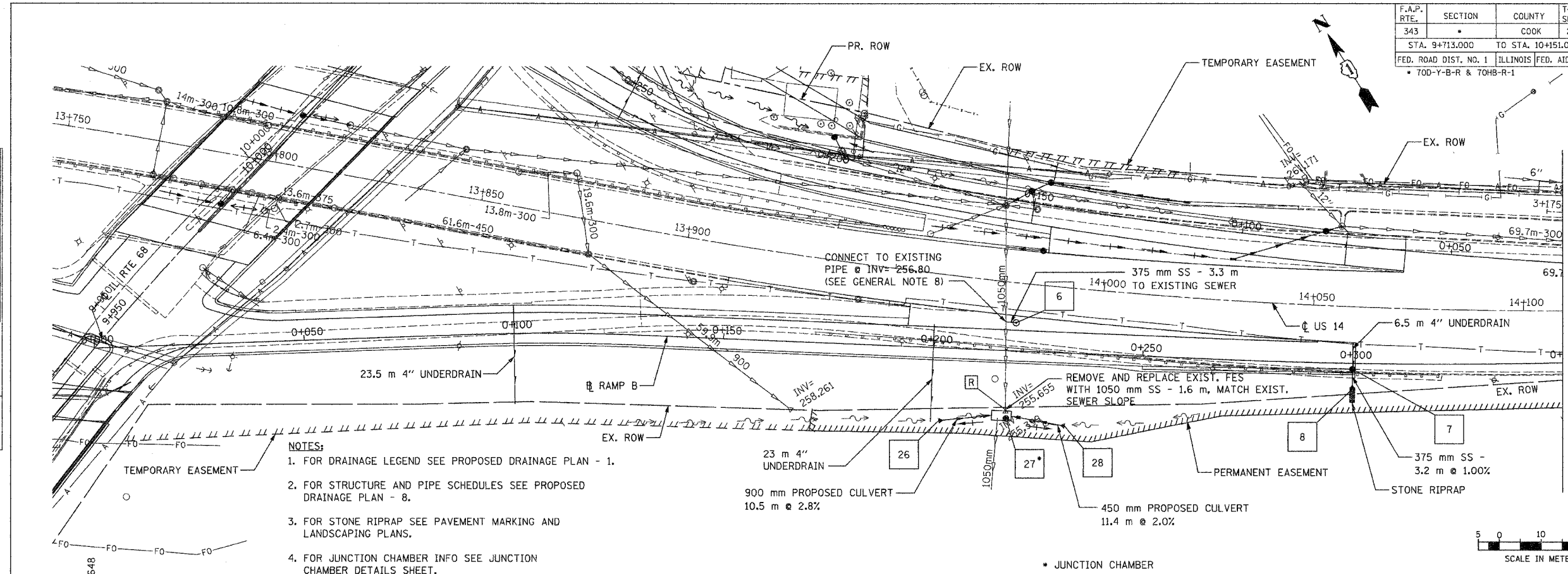
SCALE: H= 1:500, V=1:50

RAMP A-PROPOSED DRAINAGE PLAN - 4

11/25/2010 11:02:20 AM

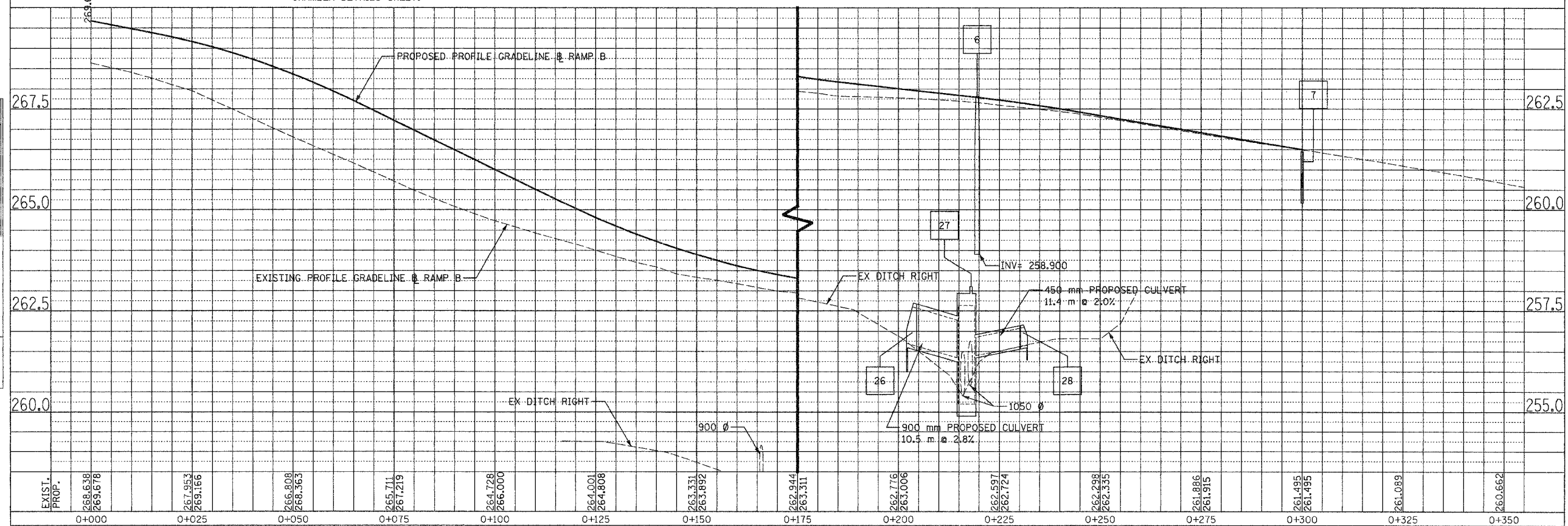


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	81
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				62897
70D-Y-B-R & 70HB-R-1				



PLAN	DATE
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
NO. _____	
CADD FILE NAME	

PROFILE	DATE
SURVEYED	
PLOTTED	
GRADES CHECKED	
NO. _____	
STRUCTURE NOTATIONS CHKD	



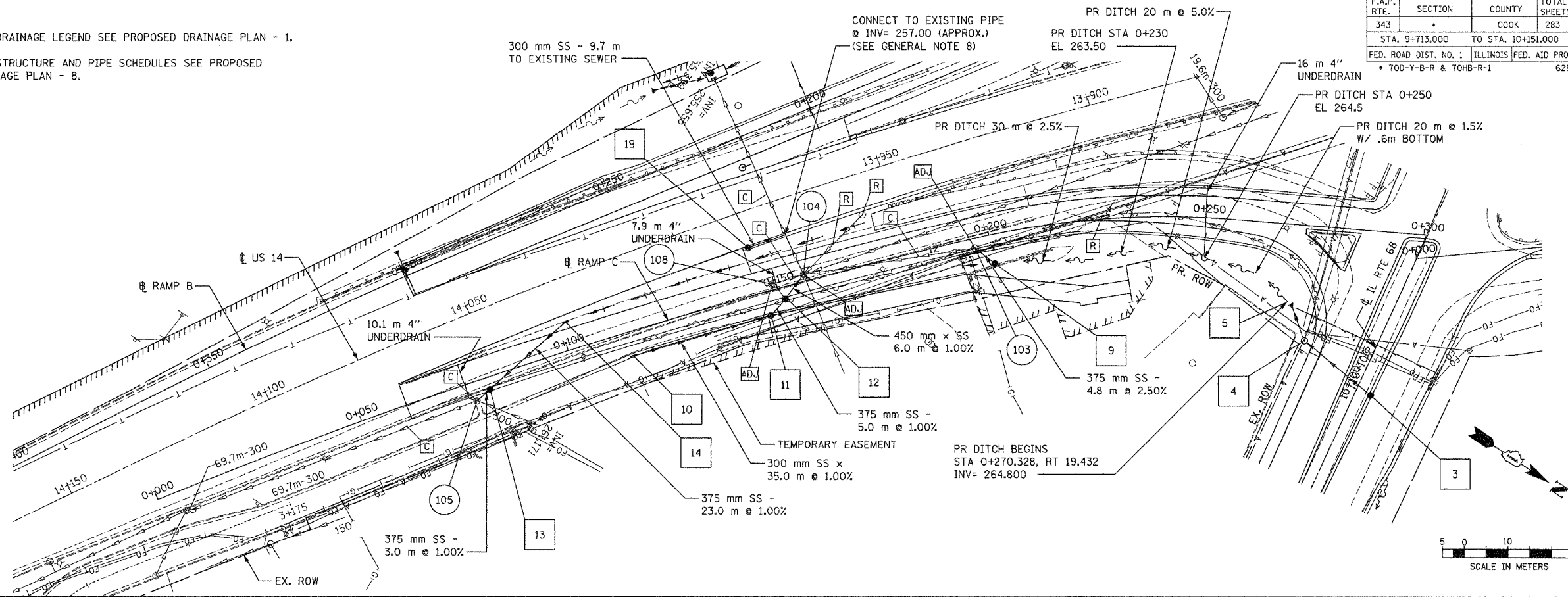
SCALE: H= 1:500, V=1:50

RAMP B-PROPOSED DRAINAGE PLAN - 5

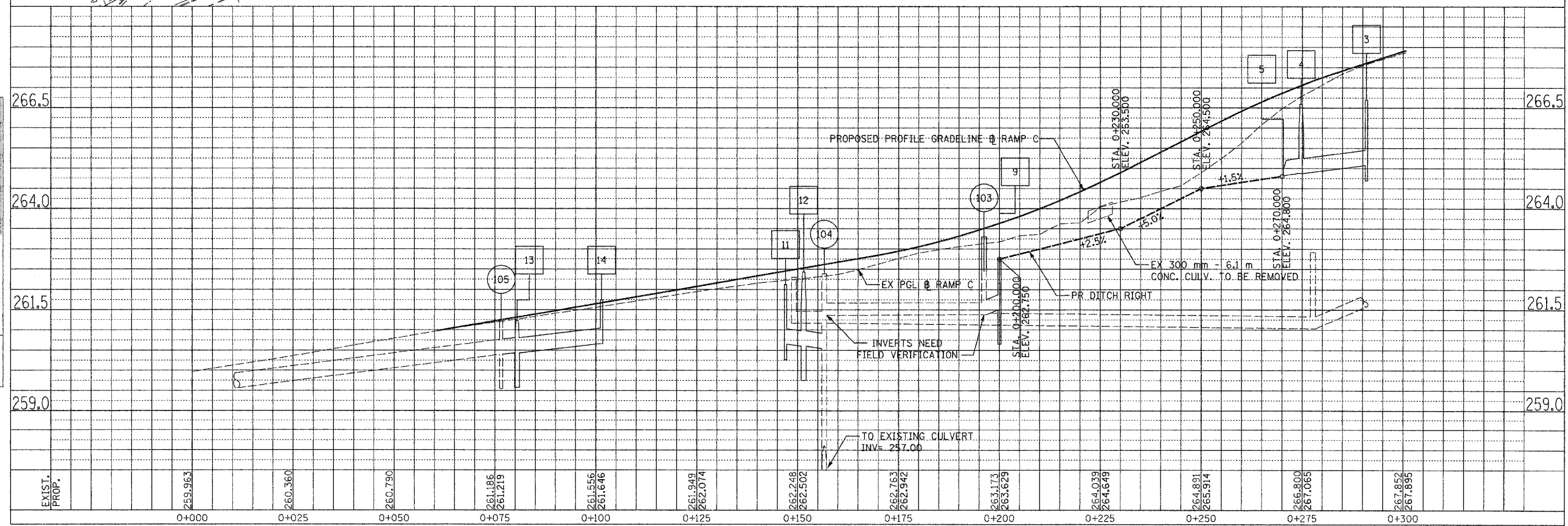
11/26/2008 11:12 AM

- NOTES:**
- FOR DRAINAGE LEGEND SEE PROPOSED DRAINAGE PLAN - 1.
  - FOR STRUCTURE AND PIPE SCHEDULES SEE PROPOSED DRAINAGE PLAN - 8.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	82
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	ALIGNED	
	CHECKED	
	BY	
	DATE	



PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES	
	CHECKED	
	BY	
	DATE	

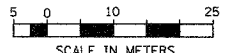
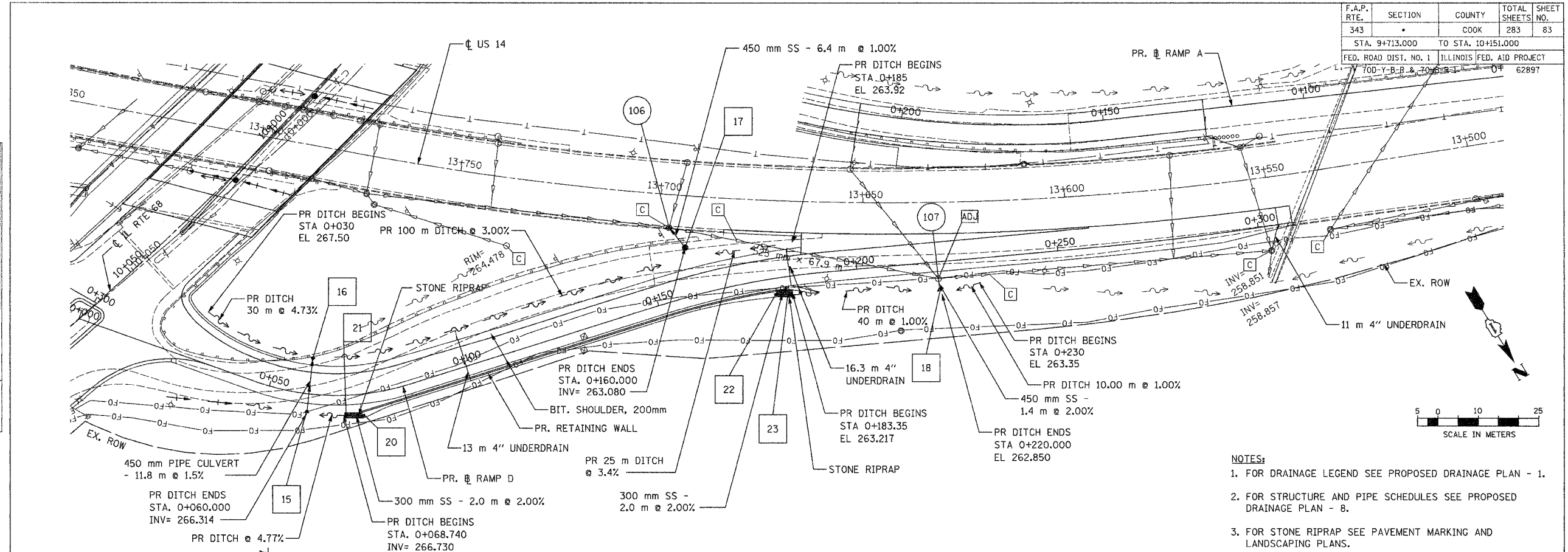
SCALE: H= 1:500, V=1:50

RAMP C-PROPOSED DRAINAGE PLAN - 6

DATE PLOTTED: 11/28/2006 11:45 AM

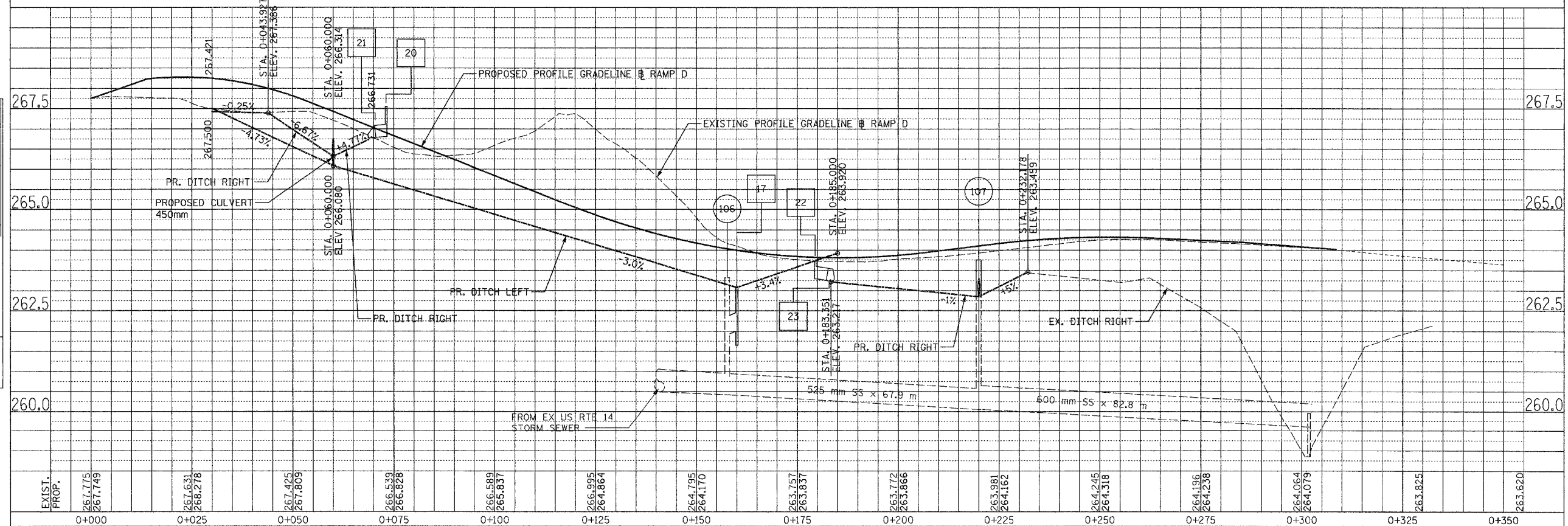
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	83
STA. 9+713.000 TO STA. 10+151.000				
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
70D-Y-B-R & 70D-B-R		62897		

PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
ALIGNMENT CHECKED		
NO. _____		
CADD FILE NAME		



- NOTES:
1. FOR DRAINAGE LEGEND SEE PROPOSED DRAINAGE PLAN - 1.
  2. FOR STRUCTURE AND PIPE SCHEDULES SEE PROPOSED DRAINAGE PLAN - 8.
  3. FOR STONE RIPRAP SEE PAVEMENT MARKING AND LANDSCAPING PLANS.

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
GRADES CHECKED		
NO. _____		
STRUCTURE NOTATIONS CHKD		



SCALE: H= 1:500, V=1:50

RAMP D-PROPOSED DRAINAGE PLAN - 7

11/20/2008 1:42:35 PM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	84
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
* 70D-Y-B-R & 70HB-R-1 62897				

NO	STRUCTURE TYPE				DIA (m)	FRAME & GRATE	GRATING FOR FES	PR.RIM ELEV.	PROPOSED INVERT ELEVATION				STATION	OFFSET (m)	NOTE
	CB TYPE	MH TYPE	INLET TYP	FES					N	S	W	E			
1	C				0.6	8		262.000				260.637	13+789.000 (US 14)	12.000 R	ACCEPTS FLOW FROM BRIDGE SCUPPER
2	C				0.6	8		262.600	261.430				13+804.500 (US 14)	12.000 L	ACCEPTS FLOW FROM BRIDGE SCUPPER
3	C				0.6	23		266.700	265.075				10+100.000 (RTE 68)	3.524 L	
4		A			1.2	1 (CLOSED)		266.595	264.875				10+095.000 (RTE 68)	15.500 R	
5					375mm				264.818				10+090.000 (RTE 68)	20.400 R	
6		A			1.2	1 (OPEN)		262.815	258.900				0+219.500 (RAMP B)	6.500 L	
7	C				0.6	24		261.450	260.550				0+300.000 (RAMP B)	1.400 R	
8					375mm				260.517				0+300.000 (RAMP B)	5.159 R	FLOW LINE ELEVATION
9	C				0.6	8		262.750	261.500				0+200.000 (RAMP C)	6.675 R	ACCEPTS DITCH FLOW
10		A			0.6	24		262.010	261.000				0+114.000 (RAMP C)	5.595 R	
11	C				0.6	24		262.125	260.650	260.650			0+146.889 (RAMP C)	5.486 R	
12	A				1.2	24		262.425	260.600	260.600			0+151.139 (RAMP C)	2.798 R	
13	A				1.2	24		261.228	260.430	260.430			0+080.224 (RAMP C)	2.787 R	
14		A			0.6	1 (OPEN)		261.740	260.660	260.660			0+101.400 (RAMP C)	6.512 L	
15					450mm				266.286				0+060.000 (RAMP D)	3.706 R	
16					450mm				266.109				0+060.000 (RAMP D)	8.101 L	
17	C				0.6	8		263.080	262.000				0+160.000 (RAMP D)	12.010 L	
18					450mm					262.835			0+220.000 (RAMP D)	6.111 R	
19	C				0.6	24		262.540	261.540				13+994.672 (US 14)	7.858 R	
20			OUTLET*		0.46x0.46	B		267.555			266.807		0+073.120 (RAMP D)	5.400 R	OUTLET FOR TYPE B GUTTER BEHIND RET. WALL
21			OUTLET*		300mm						266.767		0+070.590 (RAMP D)	5.000 R	
22			OUTLET*		0.46x0.46	B		263.708			263.294		0+179.147 (RAMP D)	4.000 R	OUTLET FOR TYPE B GUTTER BEHIND RET. WALL
23					300mm						263.254		0+182.200 (RAMP D)	4.508 R	
24					375mm						264.156		9+747.900 (RTE 68)	15.961 L	
25					375mm						265.166		9+760.000 (RTE 68)	13.870 L	
26					900mm								0+204.475 (RAMP B)	16.913 R	
27						8		258.100	256.336	256.390	255.399 (EX)	255.650 (EX)	0+218.000 (RAMP B)	16.089 R	JUNCTION CHAMBER, SPECIAL
28					450mm				256.618				0+230.120 (RAMP B)	17.060 R	
EX 101								N/A			260.597		13+791.022 (US 14)	8.196 R	
EX 102								N/A	261.314				13+816.100 (US 14)	11.791 L	
EX 103								263.300	261.380				0+196.196 (RAMP C)	2.175 R	CB TO BE ADJUSTED
EX 104								262.500			260.540		0+156.606 (RAMP C)	1.575 L	MH TO BE ADJUSTED
EX 105								N/A			260.400		0+076.553 (RAMP C)	4.349 R	
EX 106								N/A	261.940				13+697.498 (US 14)	8.206 L	
EX 107								263.750	262.823				0+219.970 (RAMP D)	4.121 R	MH TO BE ADJUSTED
EX 108								262.512					0+149.070 (RAMP C)	1.308 L	MH TO BE ADJUSTED

NOTE:  
 EXISTING STRUCTURES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY LOCATIONS AND INVERTS OF EXISTING STRUCTURES PRIOR TO CONSTRUCTION. RIM & INV. INFORMATION SHOWN FOR EXIST. STRUCTURES ARE FOR THE PROPOSED ADJUSTMENTS TO THE EXISTING STRUCTURE.

ALL FES ARE PRECAST STRUCTURE. INVERT, STATION, AND OFFSET INFORMATION OF FES ARE MEASURED AT THE END OF PIPE.

OUTLET\* : OUTLET TYPE B MODIFIED FOR TYPE B GUTTER AT THE BACK OF RETAINING WALL. PLEASE NOTE THAT STRUCTURE SHOWN FOR RIM & INV. INFORMATION ONLY. QUANTITY FOR THESE INLETS ARE INCLUDED IN CLASS S1 CONCRETE (OUTLET).

STORM SEWERS TO BE CLEANED

LOCATION	METER	DIRECTION
US 14		
13+697.498	E/P LT	68 N/S
13+791.022	E/P RT	30 N/S
13+816.100	11.8 LT	28 N/S
RAMP B		
0+219.553	16.2 LT	30 E/W
RAMP C		
0+076.553	4.3 RT	30 N/S
0+149.070	1.3 LT	8 N/S
0+156.606	1.6 LT	48 E/W
0+196.196	2.2 RT	40 N/S
RAMP D		
0+219.970	4.1 RT	30 N/S

STORM SEWERS TO BE CLEANED, TOTAL = 312 METER

DRAINAGE STRUCTURES TO BE CLEANED

LOCATION	EACH
US 14	
13+536.635	15.1 LT 1
13+550.137	10.3 RT 1
13+555.248	E/P RT 1
13+573.065	E/P RT 1
13+653.223	E/P RT 1
13+694.141	E/P RT 1
13+697.498	E/P LT 1
13+771.832	E/P RT 1
13+776.879	E/P RT 1
13+783.516	E/P RT 1
13+785.795	E/P LT 1
13+791.022	E/P RT 1
13+795.717	E/P RT 1
13+796.808	E/P LT 1
13+799.434	11.7 RT 1
13+801.635	10.8 RT 1
13+802.166	E/P RT 1
13+816.739	E/P LT 1
13+816.100	11.8 LT 1
RAMP C	
0+076.553	4.3 RT 1
RAMP D	
0+118.518	26.5 LT 1
0+302.480	6.0 RT 1

DRAINAGE STRUCTURES TO BE CLEANED, TOTAL = 22 EACH

FROM STRUCT	TO STRUCT	LENGTH (m)	DIAMETER (mm)	MATERIAL	TYPE	CLASS	SLOPE %	BACKFILL CU. M.
1	EX. 101	4.3	300	RCP	II	III	1.00	0.41
2	EX. 102	11.6	300	RCP	I	IV	1.00	0.00
3	4	20.0	375	RCP	II	III	1.00	16.39
4	5	5.7	375	RCP	II	III	1.00	-
6	EX. PIPE	3.3	375	RCP	IV	V	63.60	5.85
7	8	3.2	375	RCP	I	IV	1.00	0.09
9	EX. 103	4.8	375	RCP	II	III	2.50	0.63
10	11	35.0	300	RCP	II	III	1.00	15.20
11	12	5.0	375	RCP	II	III	1.00	4.09
12	EX. 104	6.0	450	RCP	II	III	1.00	6.62
14	13	23.0	375	RCP	I	IV	1.00	4.38
13	EX. 105	3.0	375	RCP	I	IV	1.00	0.27
15	16	11.8*	450	RCP	I	IV	3.25	3.22
17	EX. 106	6.4	450	RCP	I	III	1.00	0.28
18	EX. 107	1.4	450	RCP	I	IV	2.00	0.05
19	EX. PIPE	9.7	300	RCP	III	IV	37.10	10.37
20	21	2.0	300	RCP	I	III	2.00	1.06
22	23	2.0	300	RCP	I	IV	2.00	0.8
25	24	12.3*	375	RCP	I		8.23	-
26	27	10.5*	900	RCP	I	III	2.80	-
EX. PIPE	27	1.6	1050	RCP	II	III	MATCH EX.	-
28	27	11.4*	450	RCP	I	IV	2.00	-

NOTE:  
 PRIOR CONSTRUCTION CONTRACTOR TO VERIFY LOCATIONS AND INVERTS OF EXISTING STRUCTURES.  
 ALL STORM SEWERS ARE CLASS A PIPE  
 \* PIPE CULVERT

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  PROPOSED DRAINAGE PLAN -8 DRAINAGE SCHEDULES
NAME	DATE	
		SCALE NTS DATE OCTOBER, 2006  DRAWN BY RDT CHECKED BY PK

SCALE: NOT TO SCALE

PROPOSED DRAINAGE PLAN - 8

PART OF THE NW 1/4 OF SEC. 8, TWP. 42 N., R. 10 E. OF THE 3RD P.M., IN COOK COUNTY, ILLINOIS.

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APPARENT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois State Plane Coordinate Grid System, NAD83 (1986) East Zone of Four Geodetic Control Survey Monuments, Station "Cuba SE Base" and Station "St. Theresa".

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }  
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 27th DAY OF March 2006 A.D.

*Christi H. Jorgensen* PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

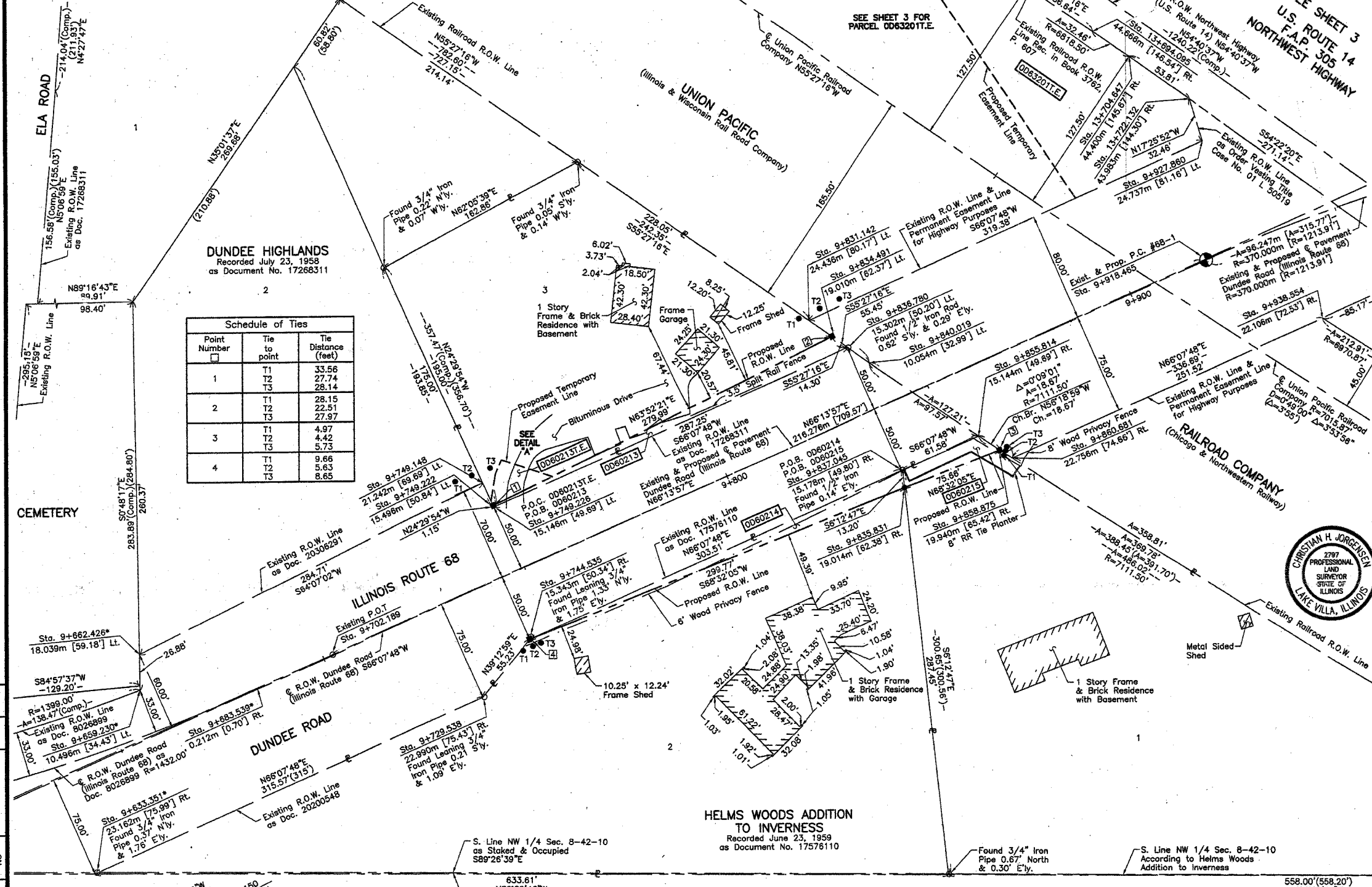
NOTE: SURFACE COORDINATES ARE SHOWN.  
PROJECT COMBINED SCALE FACTOR 0.9994781.

**DUNDEE HIGHLANDS**  
Recorded July 23, 1958  
as Document No. 17268311

**Schedule of Ties**

Point Number	Tie to point	Tie Distance (feet)
1	T1	33.56
	T2	27.74
	T3	28.14
2	T1	28.15
	T2	22.51
	T3	27.97
3	T1	4.97
	T2	4.42
	T3	5.73
4	T1	9.66
	T2	5.63
	T3	8.65

DATE	BY	MADE	CHECKED	INDEXED	NOTED	NO.



**HELMS WOODS ADDITION TO INVERNESS**  
Recorded June 23, 1959  
as Document No. 17576110



**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
9+831.142	24.436m Lt.	606,949.7160	319,664.8680
9+834.491	19.010m Lt.	606,946.1002	319,670.1201
9+835.831	19.014m Rt.	606,911.8417	319,686.6713
9+836.780	15.302m Lt.	606,943.6291	319,673.7094
9+837.045	15.178m Rt.	606,915.8412	319,686.2358
9+840.019	10.054m Lt.	606,940.1320	319,678.7891
9+855.814	15.144m Rt.	606,923.4366	319,703.4001
9+858.875	19.940m Rt.	606,920.2812	319,708.1343
9+860.681	22.756m Rt.	606,918.4320	319,710.9212
9+927.860	24.737m Lt.	606,989.1080	319,753.8873
9+938.554	22.106m Rt.	606,949.4550	319,781.0279
13+694.095	44.666m Rt.	607,013.6922	319,729.4307
13+704.647	44.400m Rt.	607,008.1019	319,737.5924
13+722.132	43.983m Rt.	606,998.5482	319,750.9233

**EXISTING R.O.W. RECORDED INFORMATION**

Parcel	Document No.	Date Recorded
0D63201	Book 3762, Page 607	April 28, 1892
0D63201	01 L 50519	July 25, 2001*
0D60213	17268311	June 23, 1958
0D60214	17576110	June 23, 1959
0D60214	20200548	July 18, 1967
0D60215	17576110	June 23, 1959
---	8026899	July 18, 1923
---	20306291	October 30, 1967

**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
9+633.351*	23.162m Rt.	606,826.4405	319,503.0357
9+659.230*	10.496m Lt.	606,867.6731	319,513.1553
9+662.426*	18.039m Lt.	606,875.8644	319,513.0403
9+683.539*	0.212m Rt.	606,867.6709	319,539.7177
9+729.538	22.990m Rt.	606,865.3635	319,590.9952
9+744.535	15.343m Rt.	606,878.4060	319,601.6385
9+749.148	21.242m Lt.	606,913.7470	319,591.1163
9+749.207	16.644m Lt.	606,909.5632	319,593.0228
9+749.222	15.496m Lt.	606,908.5184	319,593.4989
9+749.226	15.146m Lt.	606,908.1994	319,593.6443
9+752.616	21.867m Lt.	606,915.7170	319,594.0380
9+755.150	24.240m Lt.	606,918.9100	319,595.4004
9+764.040	16.107m Lt.	606,915.0494	319,606.8143

\* Forward Tangent Extended Back

Existing & Proposed Pavement Illinois Route 68 Curve #68-1

RECEIVED AUG 2 4 2006 PLATS & LEGALS

REVISION DATE August 15, 2006  
August 21, 2006  
October 4, 2005  
April 5, 2005

Ownership Parcel 0D60214  
Ownership Parcel 0D60214  
Changed Stations & Coordinates to Metric Values  
Ownership Parcels 0D60214 & 0D60215

MADE BY

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)  
SECTION 70X-2-R & 70 HB-BR COOK COUNTY  
PROJECT JOB NO. R-90-004-95  
STATION 9+625 TO STATION 9+950  
SCALE: 1"=40' SHEET 2 OF 12

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PART OF THE N. 1/2 OF SEC. 8, TWP. 42 N., R. 10 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0D63201T.E.	Union Pacific Railroad Company, who acquired title as the Illinois & Wisconsin Rail Road Company	N/A	N/A	N/A	N/A	T.E.=0.410	Grading	02-08-500-007(pt.)	
0D63216T.E.	Union Pacific Railroad Company, who acquired title as the Illinois & Wisconsin Rail Road Company	N/A	N/A	N/A	N/A	T.E.=0.229	Grading	02-08-500-006(pt.)	

**LEGEND**

SECTION CORNER (910/1815)

QUARTER SECTION CORNER (15/15)

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APPEARANT PROPERTY LINE  
CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois State Plane Coordinate Grid System, NAD83 (1986) East Zone at Found Geodetic Control Survey Monuments, Station "Cuba SE Base" and Station "St. Theresa".

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }  
COUNTY OF LAKE }

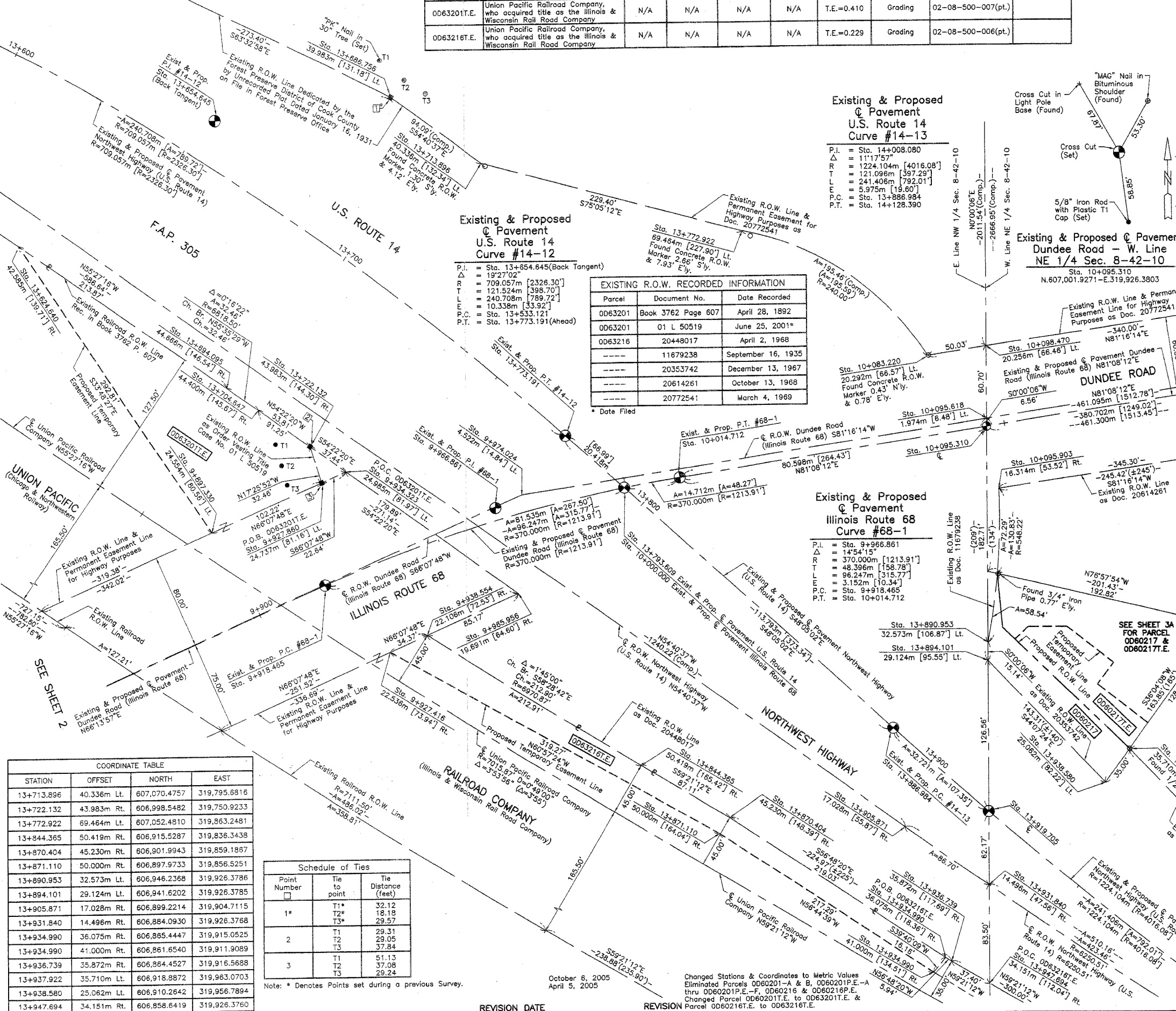
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 27th DAY OF March, 2006 A.D.

Christian H. Jorgensen - PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
NOTE: SURFACE COORDINATES ARE SHOWN.  
PROJECT COMBINED SCALE FACTOR 0.99994781.

**EXISTING R.O.W. RECORDED INFORMATION**

Parcel	Document No.	Date Recorded
0D63201	Book 3762 Page 607	April 28, 1892
0D63201	01 L 50519	June 25, 2001*
0D63216	20448017	April 2, 1988
-----	11679238	September 16, 1935
-----	20353742	December 13, 1967
-----	20614261	October 13, 1968
-----	20772541	March 4, 1989

\* Date Filed



**COORDINATE TABLE**

STATION	OFFSET	NORTH	EAST
13+713.896	40.336m Lt.	607,070.4757	319,795.6816
13+722.132	43.983m Rt.	606,998.5482	319,750.9233
13+772.922	69.464m Lt.	607,052.4810	319,863.2481
13+844.365	50.419m Rt.	606,915.5287	319,836.3438
13+870.404	45.230m Rt.	606,901.9943	319,859.1867
13+871.110	50.000m Rt.	606,897.9733	319,856.5251
13+890.953	32.573m Lt.	606,946.2368	319,926.3786
13+894.101	29.124m Lt.	606,941.6202	319,926.3785
13+905.871	17.028m Rt.	606,899.2214	319,904.7115
13+934.990	36.075m Rt.	606,865.4447	319,915.0525
13+934.990	41.000m Rt.	606,861.6540	319,911.9089
13+936.739	35.872m Rt.	606,864.4527	319,915.5688
13+937.922	35.710m Lt.	606,918.8872	319,963.0703
13+938.580	25.062m Lt.	606,910.2642	319,956.7894
13+947.694	34.151m Rt.	606,858.6419	319,926.3760

**Schedule of Ties**

Point Number	Tie to point	Tie Distance (feet)
1*	T1*	32.12
	T2*	18.18
	T3*	29.57
2	T1	29.31
	T2	29.05
	T3	37.84
3	T1	51.13
	T2	37.08
	T3	29.24

Note: \* Denotes Points set during a previous Survey.



RECEIVED  
JUL 19 2006  
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)

SECTION 70X-2-R & 70 HB-BR COOK COUNTY  
PROJECT JOB NO. R-90-004-95  
STATION 9+850 TO STATION 10+150  
STATION 13+600 TO STATION 13+950  
SCALE: 1"=40' SHEET 3 OF 12

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SHAUMBURG, ILLINOIS 60196

MADE BY

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	SQUARE FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
0D60217 0D60217T.E.	Harris Bank Barrington, as Trustee, under a Trust Agreement dated the 12th day of November, 1979, and known as Trust Number 11-1991, formerly known as The First National Bank & Trust Company of Barrington	0.435	0.121	0.006	282	0.314	0.093	Building Demolition	02-08-201-004	

LEGEND

- SECTION LINE
  - QUARTER SECTION LINE
  - QUARTER, QUARTER SECTION LINE
  - PLATTED LOT LINE
  - PROPERTY (DEED) LINE
  - APPARENT PROPERTY LINE
  - CENTER LINE
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED RIGHT OF WAY LINE
  - PROPOSED EASEMENT
  - MEASURED DIMENSION
  - COMPUTED DIMENSION
  - RECORD DATA
  - EXISTING BUILDING
- Bearings are referenced to the Illinois State Plane Coordinate Grid System, NAD83 (1986) East Zone at Found Geodetic Control Survey Monuments, Station "Cuba Se Base" and Station "St. Theresa".
- IRON PIPE OR ROD FOUND
  - ⊕ "MAG" NAIL SET
  - + CUT CROSS FOUND OR SET
  - 5/8" REBAR SET
  - ⊙ T1
  - ⊙ T2
  - ⊙ T3
  - ⊙ BT1
  - ⊙ BT2
  - ⊙ BT3
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY. MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET
- STATE OF ILLINOIS } SS  
COUNTY OF LAKE }
- THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 29th DAY OF December 20, 2006.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
13+934.990	36.075m Rt.	606,865.4447	319,915.0525
13+934.990	41.000m Rt.	606,861.6540	319,911.9089
13+936.739	35.872m Rt.	606,864.4527	319,916.5688
13+937.414	43.793m Lt.	606,925.4328	319,967.8380
13+937.922	35.710m Lt.	606,918.8872	319,963.0703
13+938.580	25.062m Lt.	606,910.2642	319,956.7894
13+947.694	34.151m Rt.	606,858.6419	319,926.3760
13+969.990	37.000m Rt.	606,842.1152	319,942.5429
13+992.941	28.257m Lt.	606,879.8695	320,000.5356
13+999.970	36.000m Rt.	606,824.1890	319,967.6984
14+025.343	24.932m Rt.	606,817.8417	319,995.2373
14+029.870	27.450m Rt.	606,813.1133	319,997.5535
14+046.646	29.841m Lt.	606,850.5629	320,044.0349

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	26.12
	T2	10.02
	T3	12.39
2	T1	9.65
	T2	0.90
	T3	10.16
3	T1	38.20
	T2	20.04
	T3	20.57
4*	T1*	26.89
	T2*	18.09
	T3*	20.34
5*	T1*	17.51
	T2*	2.52
	T3*	12.42
6*	T1*	20.74
	T2*	10.55
	T3*	19.04
7*	T1*	14.12
	T2*	2.55
	T3*	15.00
8*	T1*	40.08
	T2*	20.78
	T3*	37.80

T1 & T2 to Point No. 1 are a "MAG" Nail (Set) in Bituminous Parking Lot. All Ties to Point No. 2 are a Cross Cut (Set) in Fence Post. All Ties to Point Nos. 6, 7 & 8 are a "MAG" Nail (Set) in Railroad Tie. Note: \* Denotes Points set during a previous Survey.

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
0D60217	11679238	September 16, 1935
0D60217	20353742	December 13, 1967
-----	20448017	April 2, 1968
-----	20614261	October 13, 1968
-----	01 L 50520	June 25, 2001*

\* Date Filed

Existing & Proposed Pavement @ U.S. Route 14 Curve #14-13

P.I.	= Sta. 14+008.080
Δ	= 111°57'
R	= 1224.104m [4016.08']
T	= 121.096m [397.29']
L	= 241.406m [792.01']
E	= 5.975m [19.60']
P.C.	= Sta. 13+886.984
P.T.	= Sta. 14+128.390

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
10+095.618	1.974m Lt.	607,003.9255	319,926.3804
13+878.660	46.155m Lt.	606,964.4803	319,928.3792
13+880.960	47.423m Lt.	606,963.8880	319,928.9373
13+890.953	32.573m Lt.	606,946.2368	319,926.3786
13+891.290	38.000m Lt.	606,950.0698	319,930.2346
13+894.101	29.124m Lt.	606,941.6202	319,926.3785
13+895.857	37.852m Lt.	606,947.0207	319,933.4454
13+896.343	42.448m Lt.	606,950.1516	319,936.8422
13+904.153	49.173m Lt.	606,950.2430	319,946.9285
13+905.871	17.028m Rt.	606,899.2214	319,904.7115
13+919.705	⊙	606,903.0437	319,926.3773
13+920.011	50.038m Lt.	606,940.9678	319,959.0210
13+920.372	43.118m Lt.	606,935.4701	319,954.8041
13+931.840	14.496m Rt.	606,884.0930	319,926.3768

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

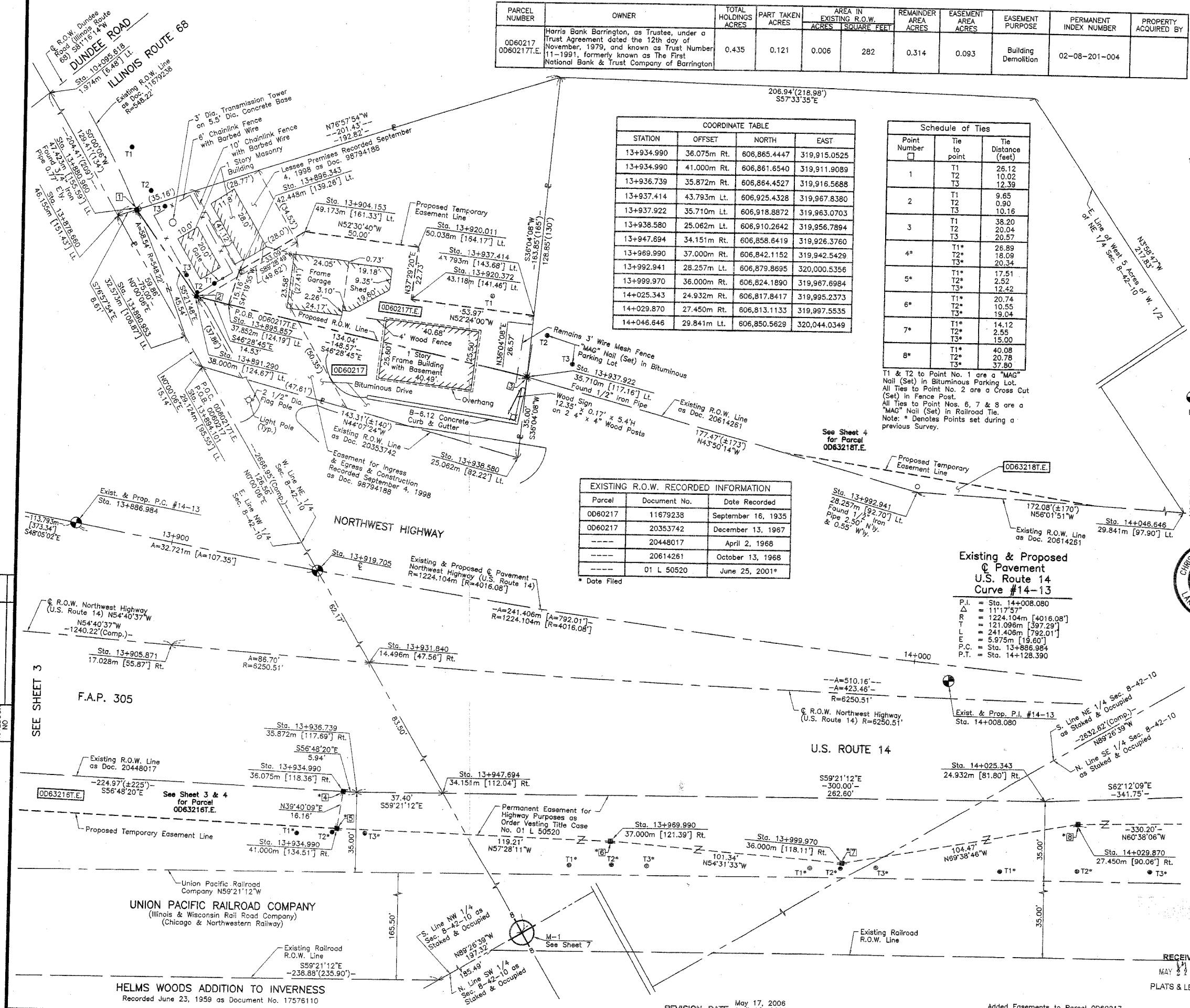
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 305 (U.S. ROUTE 14)  
SECTION 70X-2-R & 70 HB-BR COOK COUNTY  
PROJECT JOB NO. R-90-004-95  
STATION 13+875 TO STATION 14+050  
SCALE: 1"=20'  
SHEET 3A OF 12

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

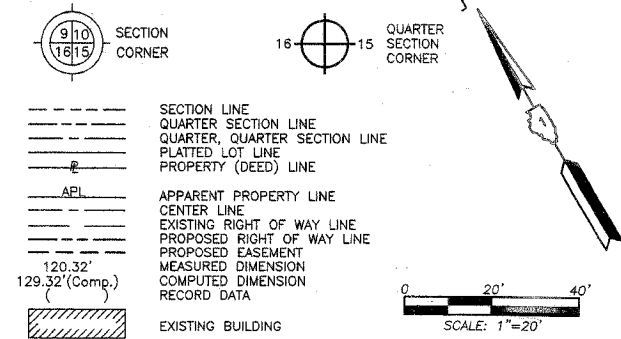
AS DOCUMENT NO.

BY	DATE	MADE	CHECKED	IN	NO.



STATION	OFFSET	NORTH	EAST
13+992.941	28.257m Lt.	606,879.8695	320,000.5356
13+999.970	36.000m Rt.	606,824.1890	319,967.6984
14+016.940	29.250m Lt.	606,866.7634	320,019.9887
14+025.343	24.932m Rt.	606,817.8417	319,995.2373
14+029.870	27.450m Rt.	606,813.1133	319,997.5535
14+046.646	29.841m Lt.	606,850.5629	320,044.0349

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OD63216T.E.	Union Pacific Railroad Company, who acquired title as the Illinois & Wisconsin Rail Road Company	N/A	N/A	N/A	N/A	T.E.=0.229	Grading	02-08-500-006(pt.)	
OD63218T.E.	M. Pelfresne as Trustee under Trust Agreement dated February 8, 1990 known as Trust No. 1550	1.003	N/A	N/A	N/A	0.011	Grading	02-08-201-010	



- Bearings are referenced to the Illinois State Plane Coordinate Grid System, NAD83 (1986) East Zone of Found Geodetic Control Survey Monuments, Station "Cuba SE Base" and Station "St. Theresa".
- IRON PIPE OR ROD FOUND
  - ⊕ "MAG" NAIL SET
  - + CUT CROSS FOUND OR SET
  - 5/8" REBAR SET
  - THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT2
  - BT3
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - ⊙ PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
  - RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS }  
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 8, TOWNSHIP 42N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 27th DAY OF March 2025 A.D.



Christian H. Jorgensen, PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 NOTE: SURFACE COORDINATES ARE SHOWN.  
 PROJECT COMBINED SCALE FACTOR 0.99994781.

STATION	OFFSET	NORTH	EAST
10+095.618	1.974m Lt.	607,003.9255	319,926.3804
13+878.660	46.155m Lt.	606,984.4803	319,926.3792
13+880.960	47.423m Lt.	606,963.8880	319,928.9373
13+890.953	32.573m Lt.	606,946.2368	319,926.3786
13+894.101	29.124m Lt.	606,941.6202	319,926.3785
13+905.871	17.028m Lt.	606,899.2214	319,904.7115
13+931.840	14.496m Rt.	606,884.0930	319,926.3768
13+934.990	36.075m Rt.	606,865.4447	319,915.0525
13+934.990	41.000m Rt.	606,861.6540	319,911.9089
13+936.739	35.872m Rt.	606,864.4527	319,916.5688
13+937.922	35.710m Lt.	606,918.8872	319,963.0703
13+938.580	25.062m Lt.	606,910.2642	319,956.7894
13+947.694	34.151m Rt.	606,858.6419	319,926.3760
13+969.990	37.000m Rt.	606,842.1152	319,942.5429
13+974.160	31.083m Lt.	606,893.2440	319,987.6932

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.  
 (847) 356-3371

RECEIVED  
 JUL 19 2006  
 PLATS & LEGALS

PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 305 (U.S. ROUTE 14)  
 SECTION 70X-2-R & 70 HB-BR COOK COUNTY  
 PROJECT JOB NO. R-90-004-95  
 STATION 13+875 TO STATION 14+050  
 SCALE: 1"=20' SHEET 4 OF 12

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

Point Number	Tie to point	Tie Distance (feet)
1	T1	26.89
	T2	18.09
	T3	20.34
2	T1	17.51
	T2	2.52
	T3	12.42
3	T1	20.74
	T2	10.55
	T3	19.04
4	T1	14.12
	T2	2.55
	T3	15.00
5	T1	40.08
	T2	20.78
	T3	37.80

All Ties to Point Nos. 3, 4 & 5 are a "MAG" Nail (Set) in Railroad Tie.

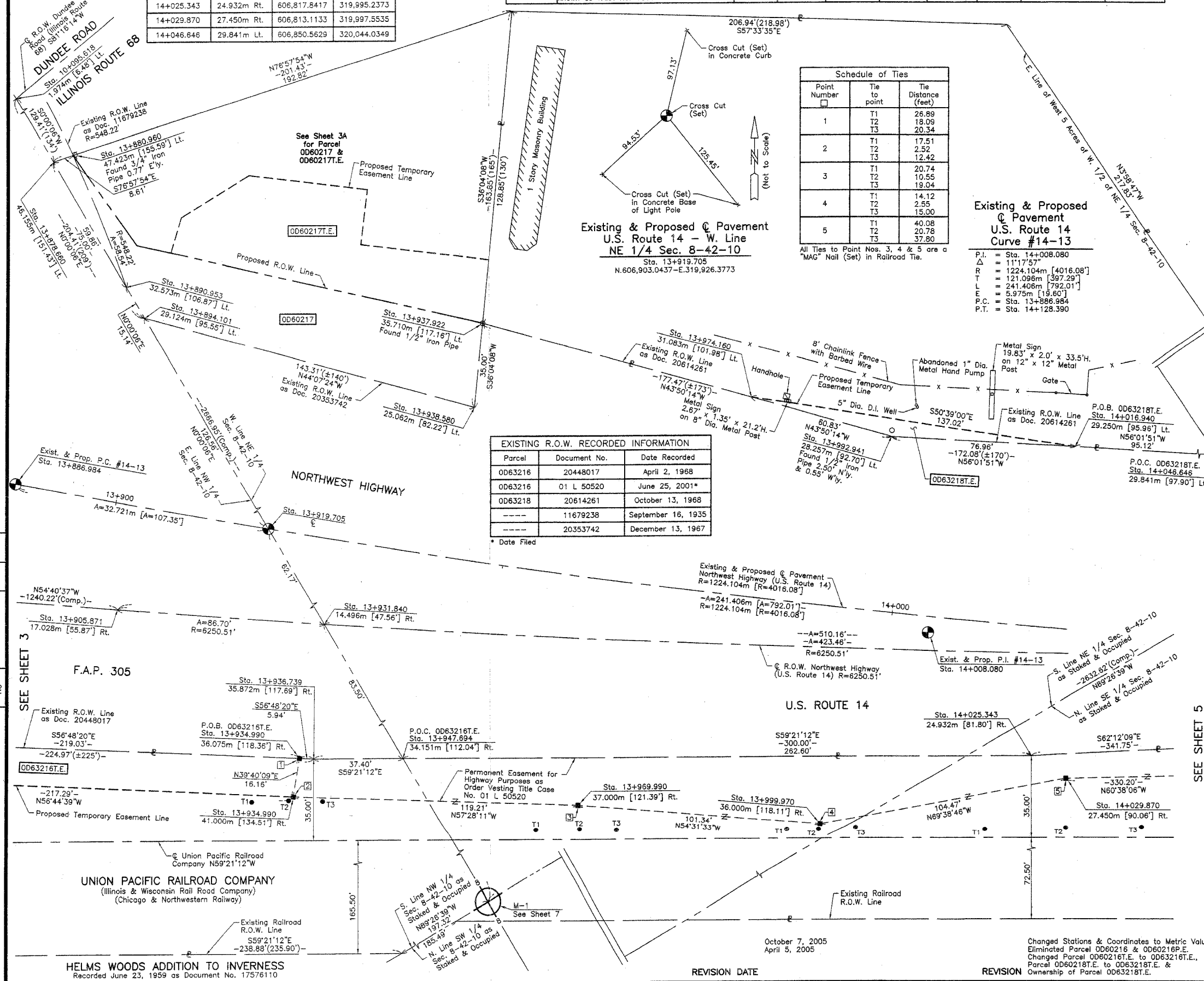
Existing & Proposed Pavement U.S. Route 14 - W. Line NE 1/4 Sec. 8-42-10  
 Sta. 13+919.705  
 N.606,903.0437 - E.319,926.3773

Existing & Proposed Pavement U.S. Route 14 Curve #14-13  
 P.I. = Sta. 14+008.080  
 Δ = 11°17'57"  
 R = 1224.104m [4016.08']  
 T = 121.098m [397.29']  
 L = 241.406m [792.01']  
 E = 5.975m [19.60']  
 P.C. = Sta. 13+886.984  
 P.T. = Sta. 14+128.390

Parcel	Document No.	Date Recorded
OD63216	20448017	April 2, 1968
OD63216	01 L 50520	June 25, 2001*
OD63218	20614261	October 13, 1968
---	11679238	September 16, 1935
---	20353742	December 13, 1967

\* Date Filed

ROW	DATE	BY	REVISION



HELMS WOODS ADDITION TO INVERNESS  
 Recorded June 23, 1959 as Document No. 17576110

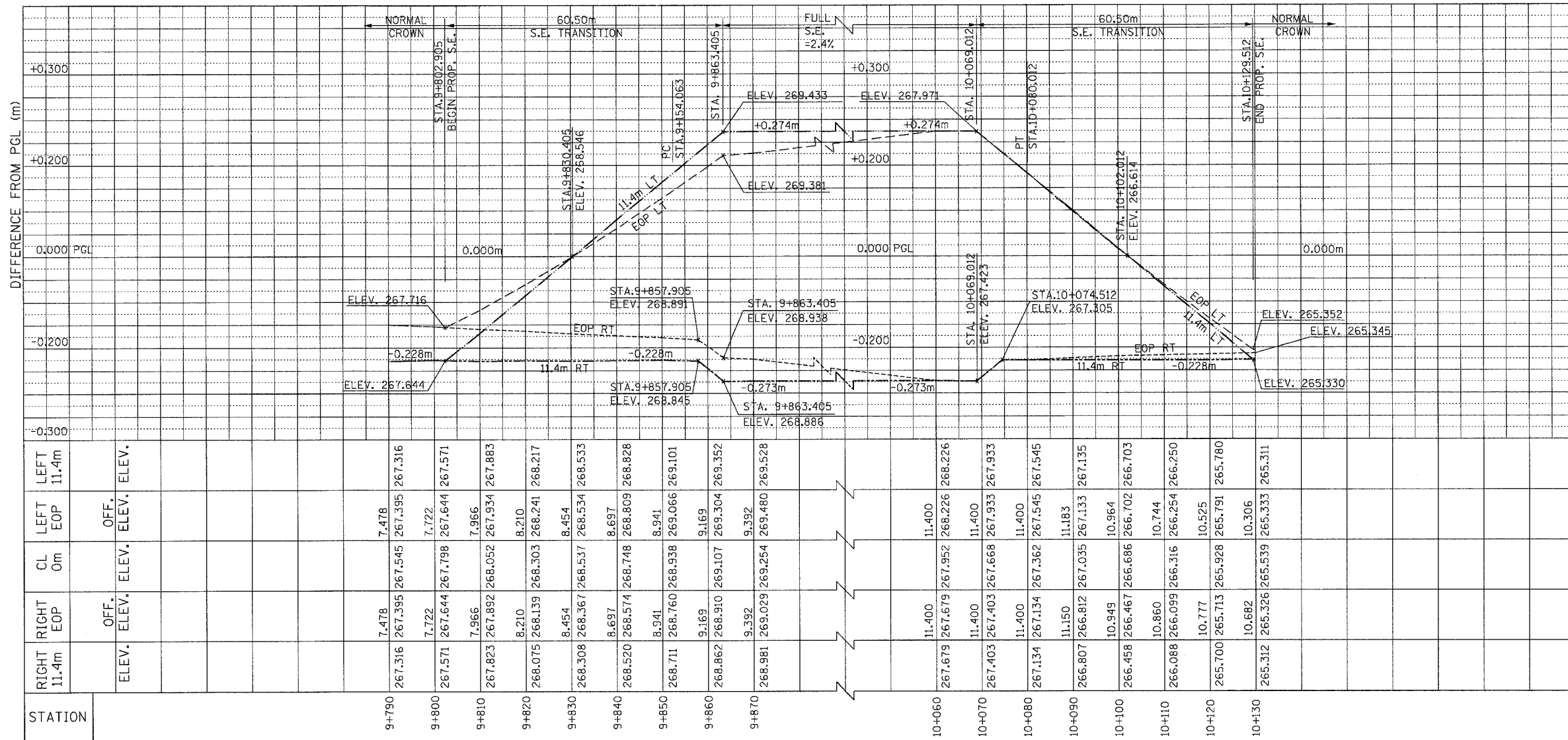
REVISION DATE

REVISION

MADE BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	89
STA. 9+713.000		TO STA. 10+51.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 70D-Y-B-R & 70HB-R-1		62897		



STATION	RIGHT 11.4m ELEV.	RIGHT EOP ELEV.	CL 0m ELEV.	LEFT EOP ELEV.	LEFT 11.4m ELEV.
9+790	267.316	267.395	267.545	267.395	267.316
9+800	267.571	267.644	267.798	267.644	267.571
9+810	267.823	267.892	268.052	267.934	267.883
9+820	268.075	268.139	268.303	268.241	268.217
9+830	268.308	268.367	268.537	268.534	268.533
9+840	268.520	268.574	268.748	268.809	268.828
9+850	268.711	268.760	268.938	269.066	269.101
9+860	268.862	268.910	269.107	269.304	269.352
9+870	268.981	269.029	269.254	269.480	269.528
10+060	267.679	267.679	267.952	268.226	268.226
10+070	267.403	267.403	267.668	267.933	267.933
10+080	267.134	267.134	267.362	267.545	267.545
10+090	266.807	266.812	267.035	267.133	267.135
10+100	266.458	266.467	266.686	266.702	266.703
10+110	266.088	266.099	266.316	266.254	266.250
10+120	265.700	265.713	265.928	265.791	265.780
10+130	265.312	265.326	265.539	265.333	265.311

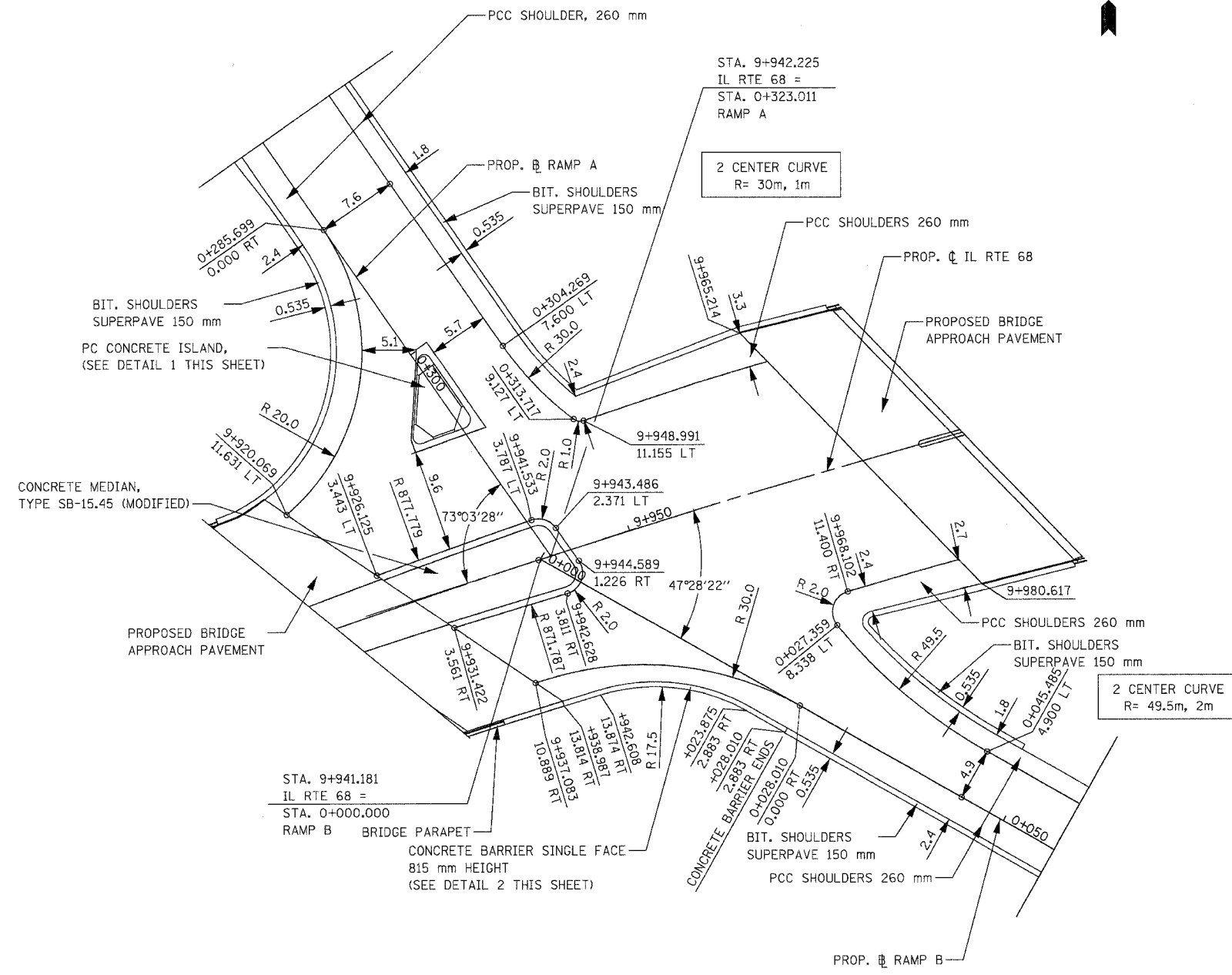
**LEGEND**

- 11.4m OFFSET RIGHT
- RIGHT EDGE OF PAVEMENT
- LEFT EDGE OF PAVEMENT OR EDGE OF THROUGH LANES (EAST END OF PROJECT)
- 11.4m OFFSET LEFT

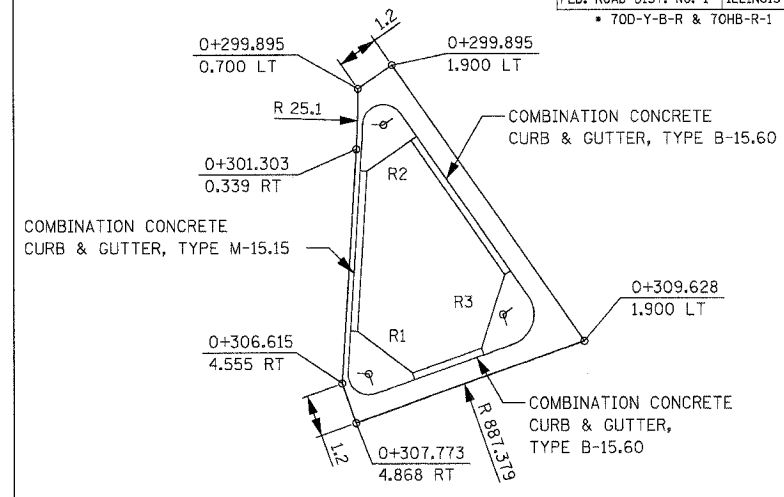
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
  
ILLINOIS ROUTE 68  
SUPERELEVATION TRANSITION DETAIL  
  
SCALE H: 1:500  
V: 1:5  
DATE: OCTOBER, 2006  
  
DRAWN BY: GRH  
CHECKED BY: PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	90
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		



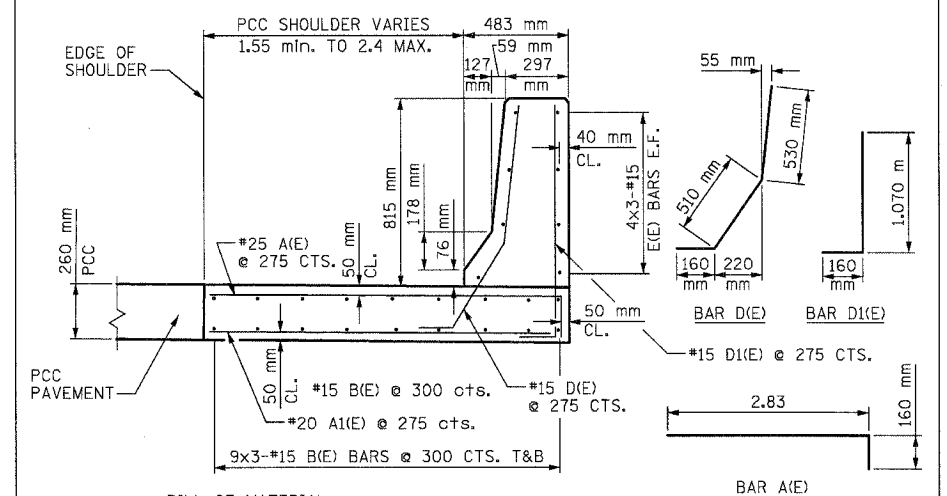
- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. FOR BRIDGE APPROACH PAVEMENT INFORMATION SEE BRIDGE APPROACH PAVEMENT DETAIL SHEETS.
  3. FOR MORE PC CONCRETE ISLAND AND MEDIAN INFORMATION SEE STANDARD 606301-02.



STATION OFFSET DATA FOR ISLAND RADII

DESCRIPTION	IL RTE 68		
	STATION	OFFSET	RADIUS
R1	0+306.828	3.767 RT	0.6
R2	0+301.183	0.700 LT	0.6
R3	0+307.655	0.400 LT	0.9

DETAIL 1 SCALE 1:100

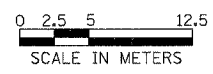


**BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE	
A(E)	82	20	2,990		
A1(E)	82	25	2,830		
B(E)	54	15	7,860		
D(E)	82	15	1,200		
D1(E)	82	15	1,230		
E(E)	24	15	7,860		
REINFORCEMENT BARS, EPOXY COATED				Kg	2,760

- NOTES:**
1. FOR BRIDGE PARAPET AND CONCRETE BARRIER ON THE PROPOSED BRIDGE APPROACH PAVEMENT SEE STRUCTURAL SHEETS.
  2. REINFORCEMENT BARS AND CONCRETE BASE SHALL BE INCIDENTAL TO CONCRETE BARRIER.
- MIN. BAR LAP**
- \*15 Bars = 640 mm
  - \*20 Bars = 790 mm
  - \*25 Bars = 1.320m

DETAIL 2 SCALE: NOT TO SCALE



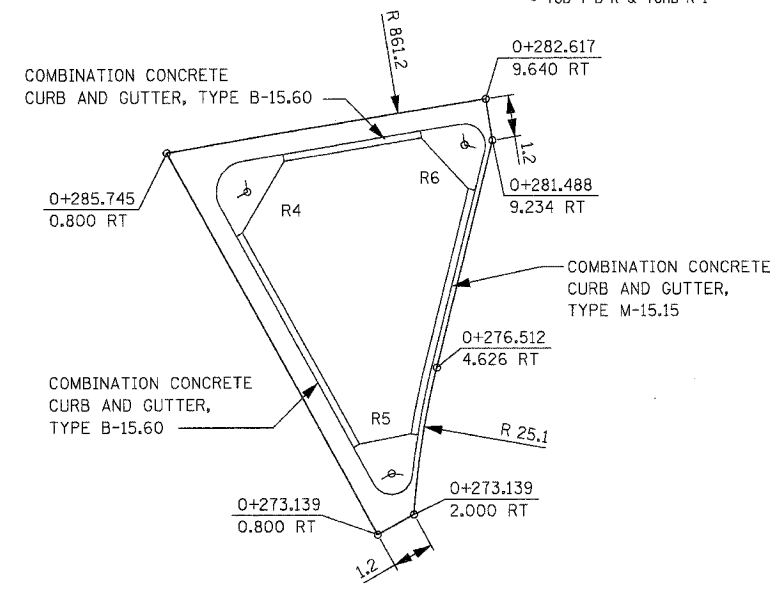
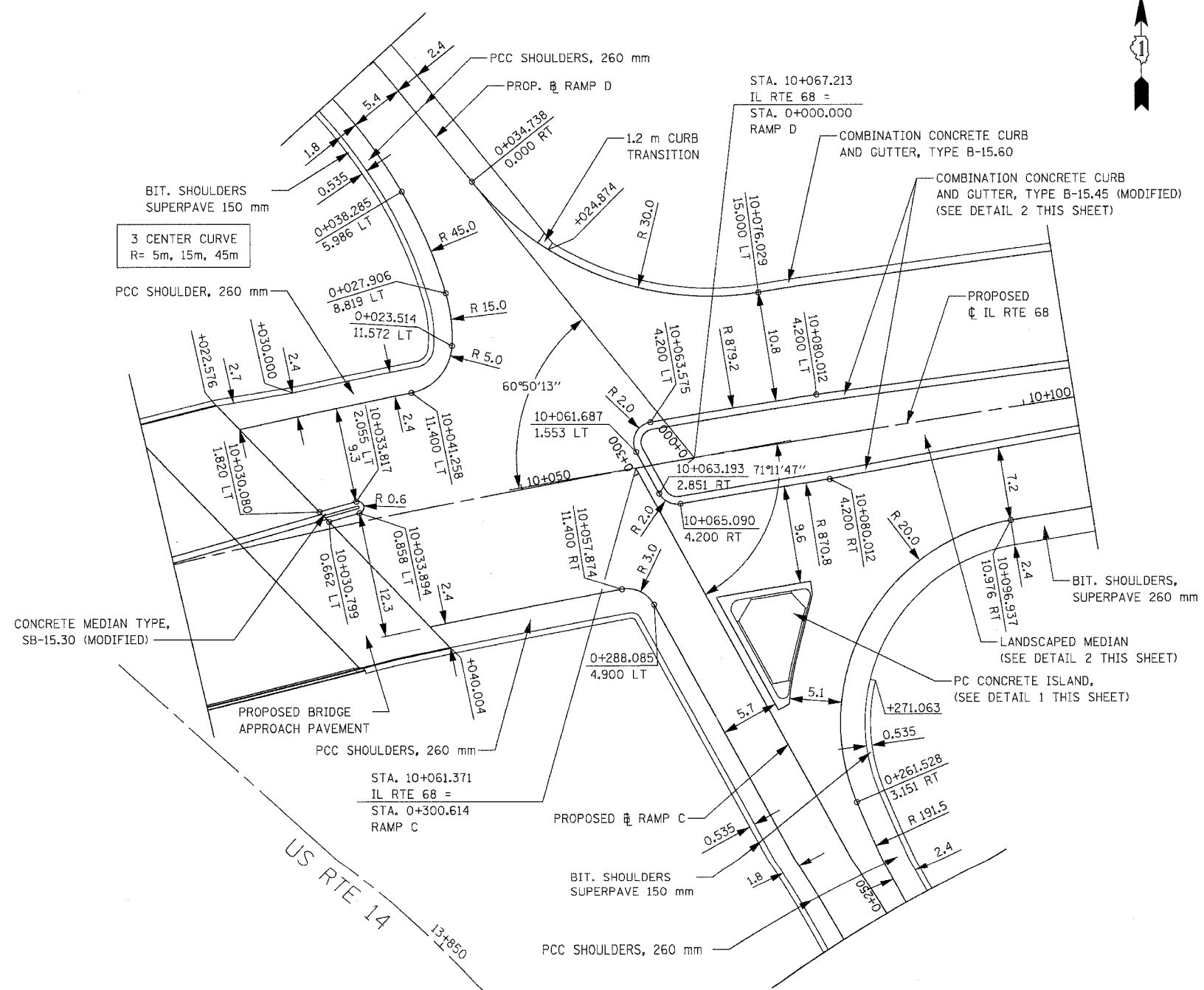
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
INTERSECTION LAYOUT  
DETAILS - 1

SCALE 1:250  
DATE OCTOBER, 2006

DRAWN BY GRH  
CHECKED BY PK

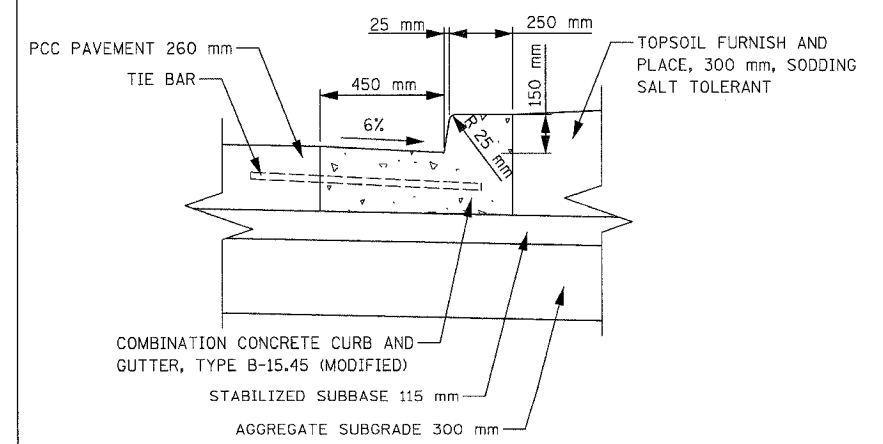
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	91
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 70D-Y-B-R & 70HB-R-1		62897		



STATION OFFSET DATA FOR ISLAND RADII

DESCRIPTION	IL RTE 68		
	STATION	OFFSET	RADIUS
R4	0+283.632	2.300 RT	0.9
R5	0+274.471	2.000 RT	0.6
R6	0+281.763	8.467 RT	0.6

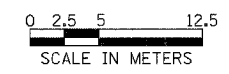
DETAIL 1 SCALE 1:100



NOTE:  
1. ADDITIONAL MEDIAN FILL SHALL BE INCIDENTAL TO FURNISHED EXCAVATION.

DETAIL 2 SCALE NTS

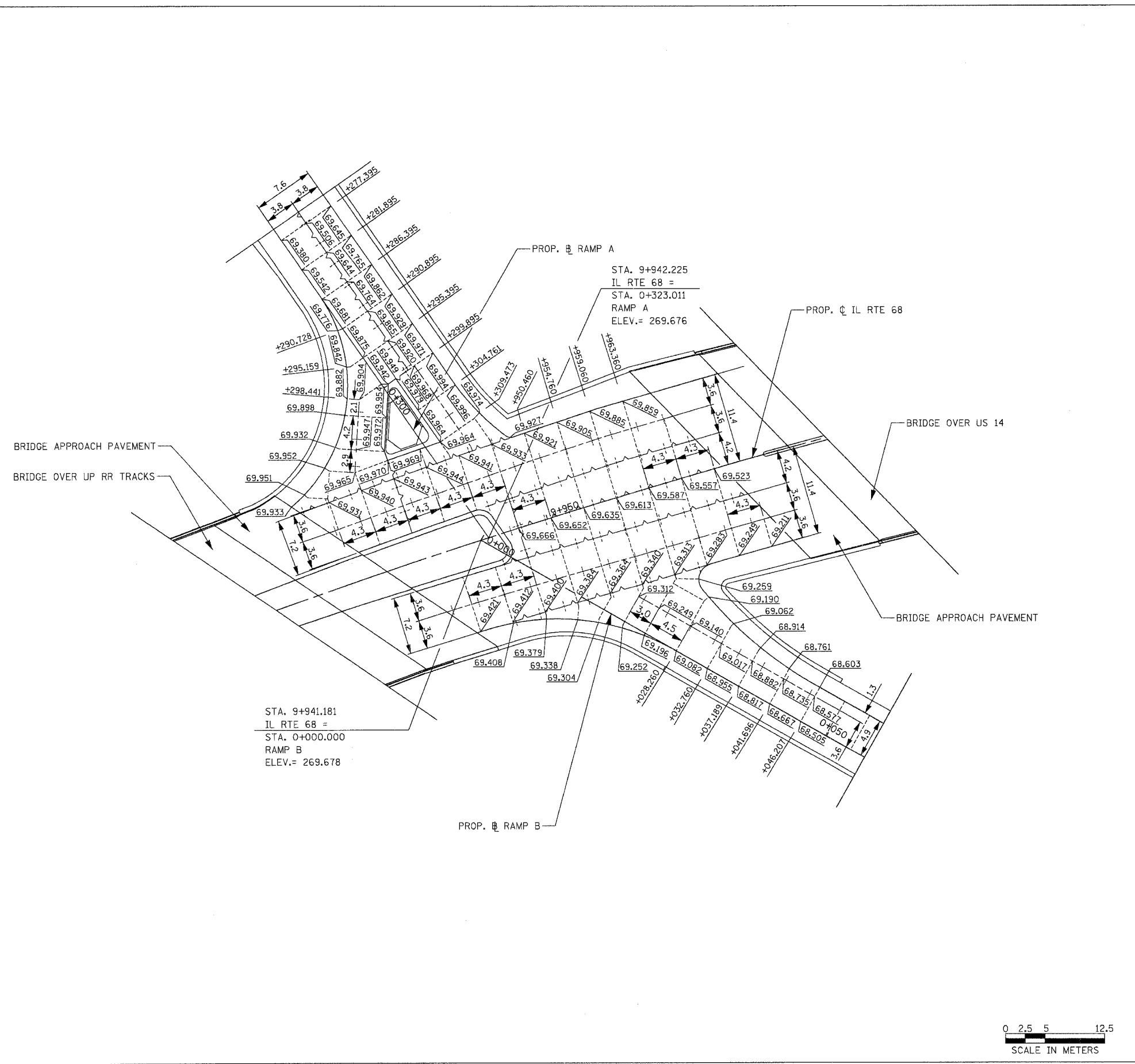
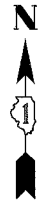
- NOTES:
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. FOR BRIDGE APPROACH PAVEMENT INFORMATION SEE BRIDGE APPROACH PAVEMENT DETAIL SHEETS.
  3. FOR MORE PC CONCRETE ISLAND AND MEDIAN INFORMATION SEE STANDARD 606301.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
INTERSECTION LAYOUT  
DETAILS - 2  
SCALE 1:250  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	92
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		

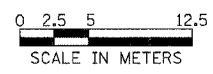


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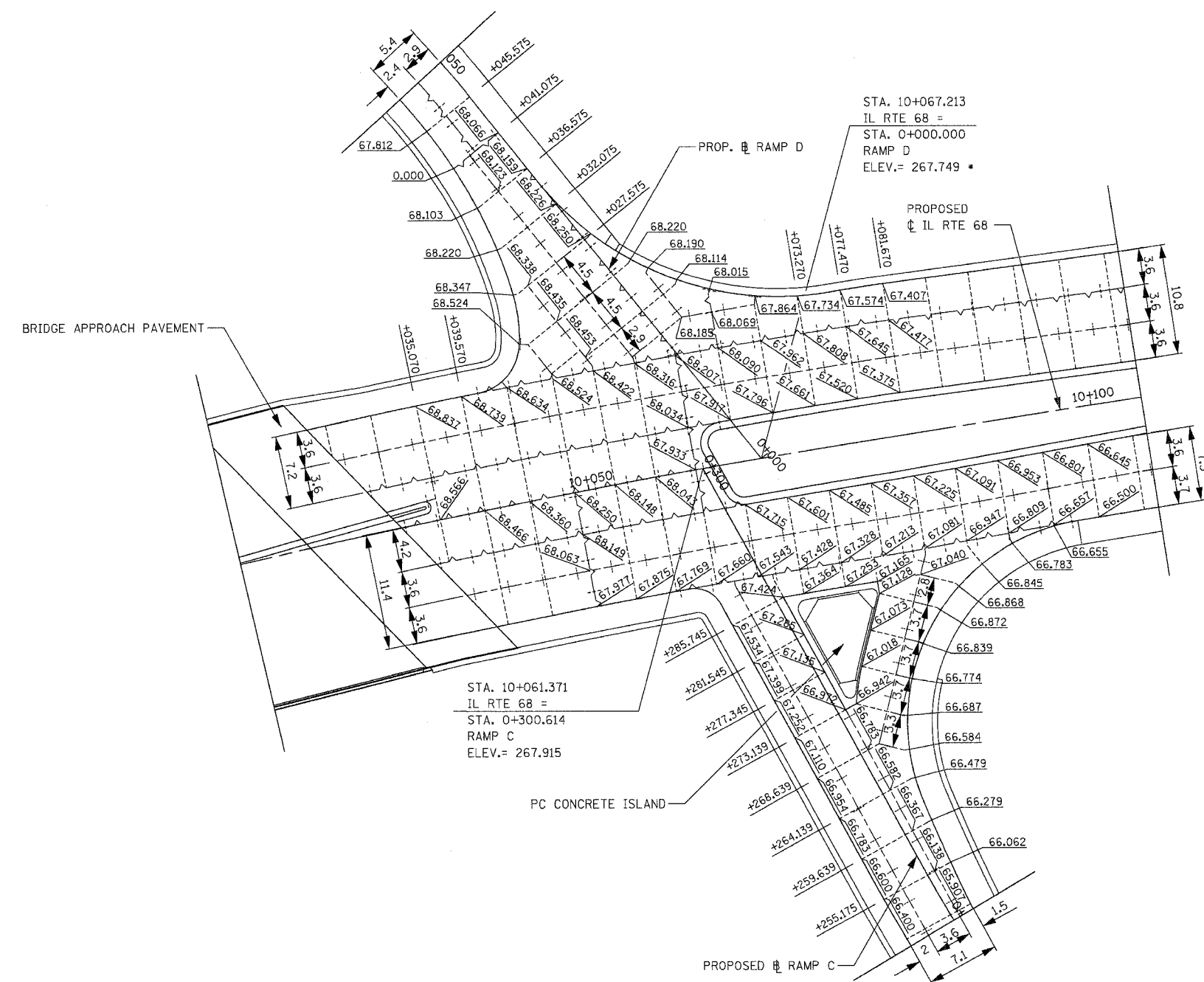
	CONSTRUCTION JOINT
	SAWED LONGITUDINAL JOINT
	SAWED TRANSVERSE JOINT

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. ALL ELEVATIONS ARE 200 m ABOVE THOSE SHOWN.
  3. FOR MORE INFORMATION SEE STANDARDS 420001, 420106 AND 606001.
  4. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
  5. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  6. FOR BRIDGE APPROACH PAVEMENT INFORMATION SEE BRIDGE APPROACH PAVEMENT DETAIL SHEETS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  INTERSECTION ELEVATION DETAILS - 1
NAME	DATE	
		SCALE 1:250 DATE OCTOBER, 2006
DRAWN BY GRH CHECKED BY PK		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	93
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
* 70D-Y-B-R & 70HB-R-1		62897		



LEGEND:

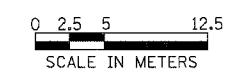
- CONSTRUCTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE JOINT

NOTES:

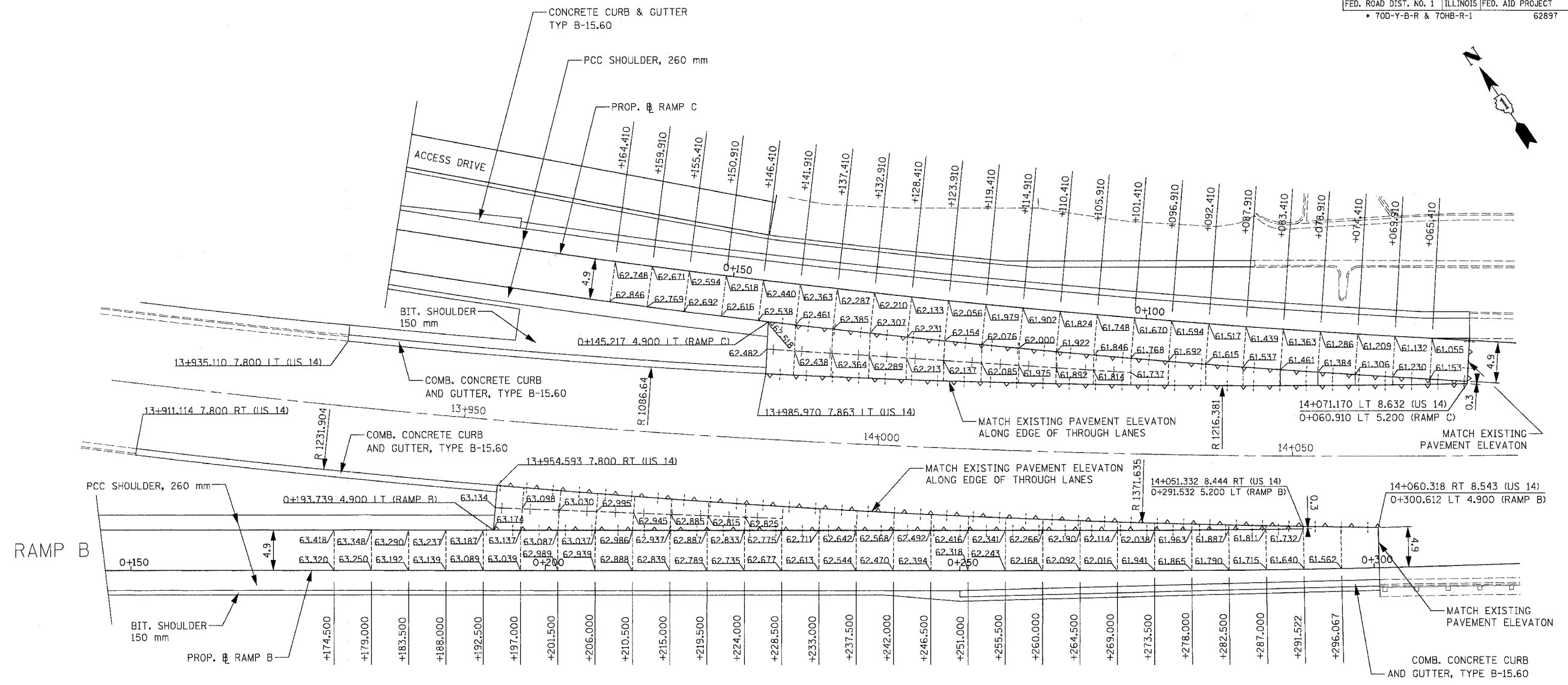
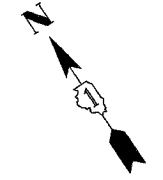
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE 200 m ABOVE THOSE SHOWN.
3. FOR MORE INFORMATION SEE STANDARDS 420001, 420106 AND 606001.
4. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
5. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
6. FOR BRIDGE APPROACH PAVEMENT INFORMATION SEE BRIDGE APPROACH PAVEMENT DETAIL SHEETS.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
  
INTERSECTION ELEVATION  
DETAILS - 2  
  
SCALE 1:250  
DATE OCTOBER, 2006  
DRAWN BY GRH  
CHECKED BY PK



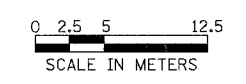
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	94
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
• 70D-Y-B-R & 70HB-R-1		62897		



- NOTES:**
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
  2. ALL ELEVATIONS ARE 200 m ABOVE THOSE SHOWN.
  3. FOR MORE INFORMATION SEE STANDARDS 420001, 420201 AND 420301.
  4. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
  5. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.

**LEGEND:**

	CONSTRUCTION JOINT
	SAWED LONGITUDINAL JOINT
	SAWED TRANSVERSE JOINT



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 68  
TERMINAL ELEVATION DETAILS  
RAMP B AND RAMP C

SCALE 1:250  
DATE OCTOBER, 2006

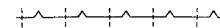
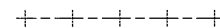
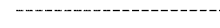
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CHECKED BY PK

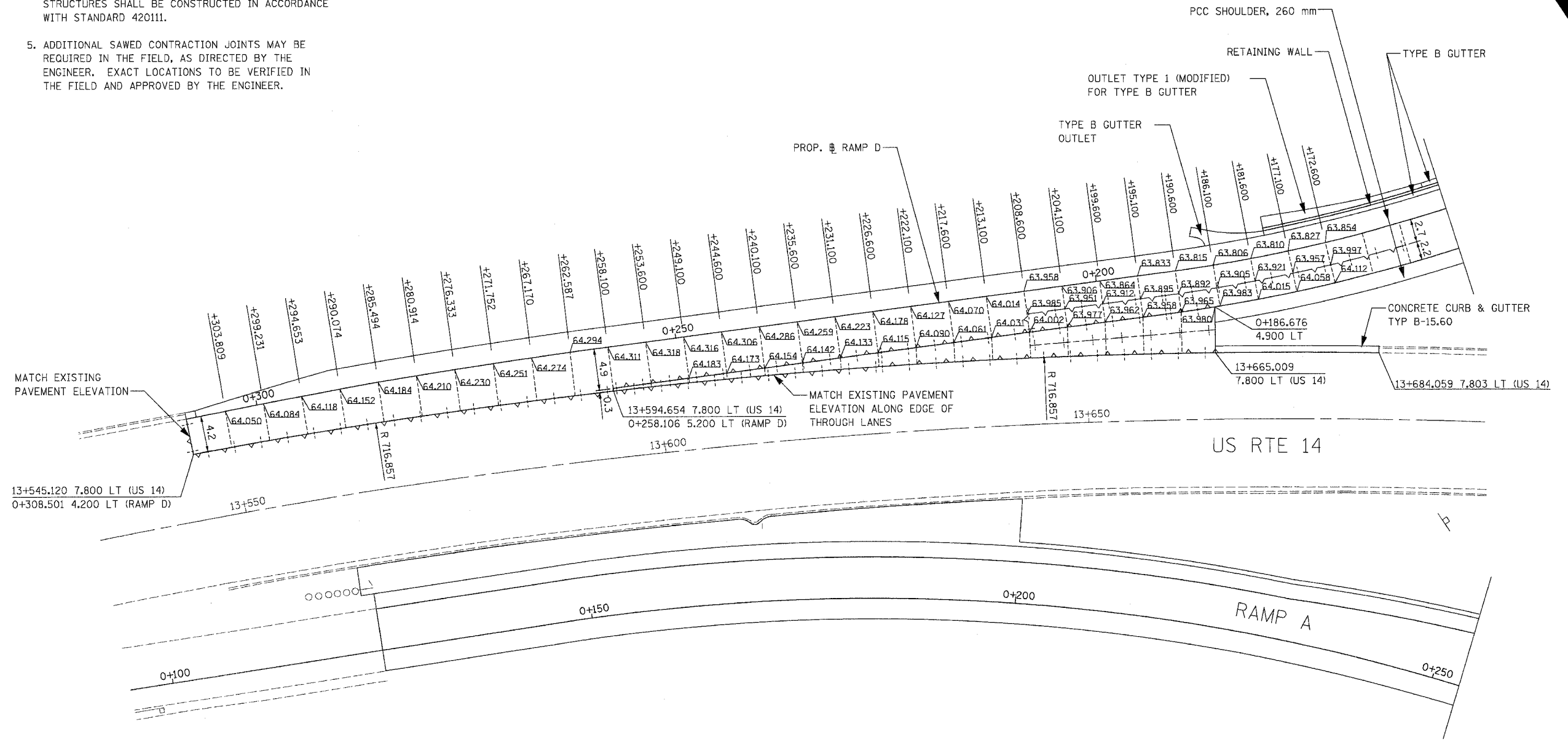
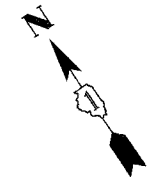
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	95
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT
* 70D-Y-B-R & 70HB-R-1		62897		

**NOTES:**

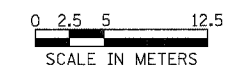
1. ALL DIMENSIONS ARE IN METERS (m) UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE 200 m ABOVE THOSE SHOWN.
3. FOR MORE INFORMATION SEE STANDARDS 420001 AND, 420201.
4. PAVEMENT BLOCK OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
5. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.

**LEGEND:**

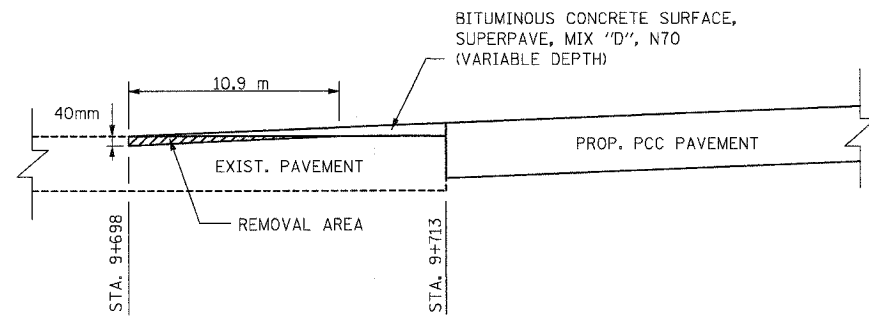
-  CONSTRUCTION JOINT
-  SAWED LONGITUDINAL JOINT
-  SAWED TRANSVERSE JOINT



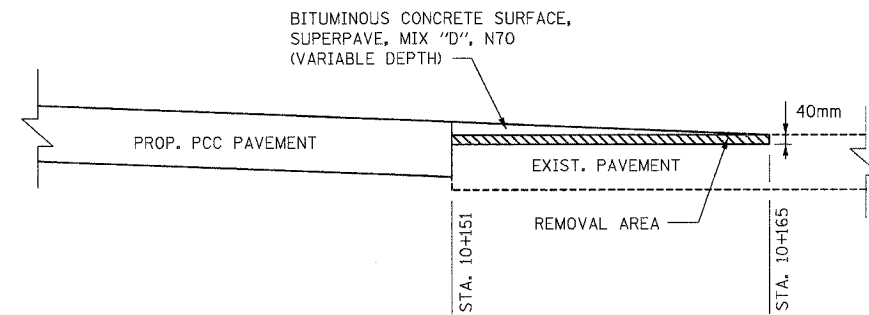
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68  TERMINAL ELEVATION DETAILS RAMP D
NAME	DATE	
		SCALE 1:250 DATE OCTOBER, 2006 DRAWN BY GRH CHECKED BY PK



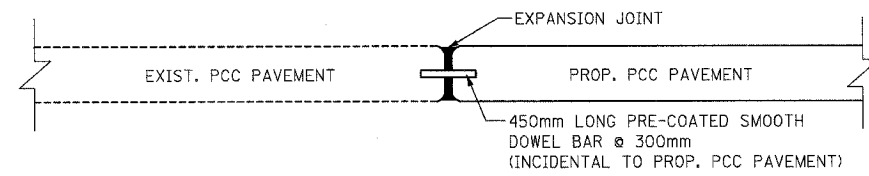
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	244	96
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1		62897		



TYPE 1



TYPE 2



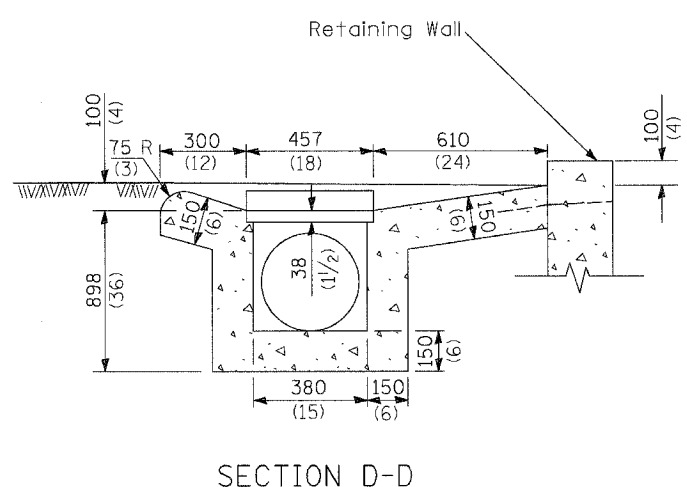
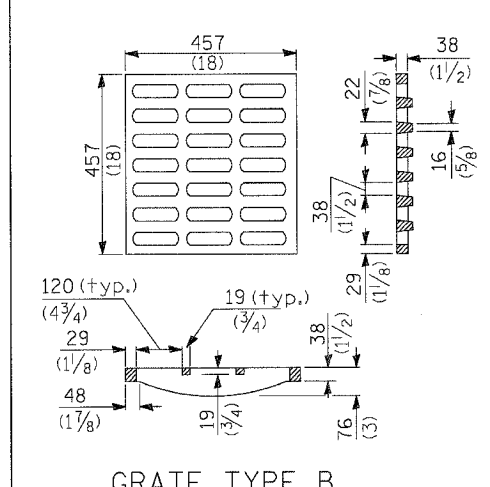
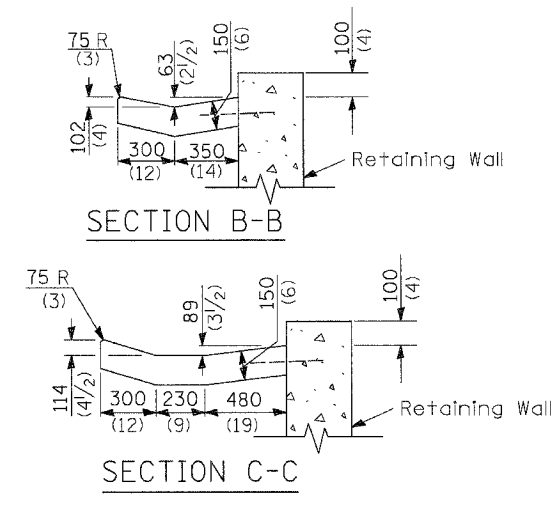
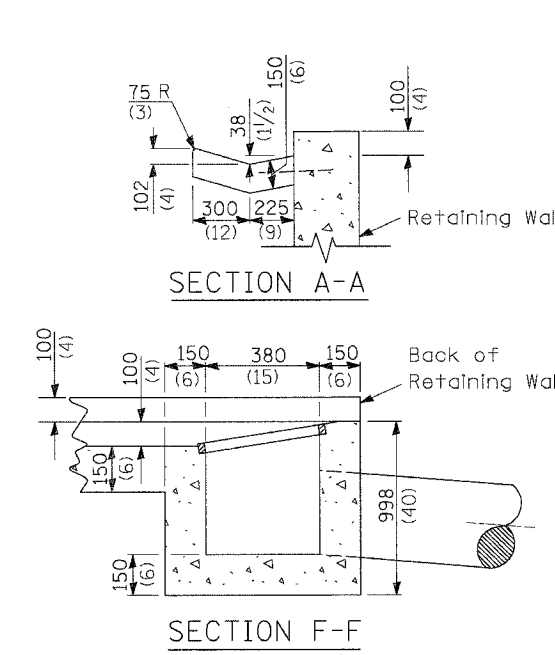
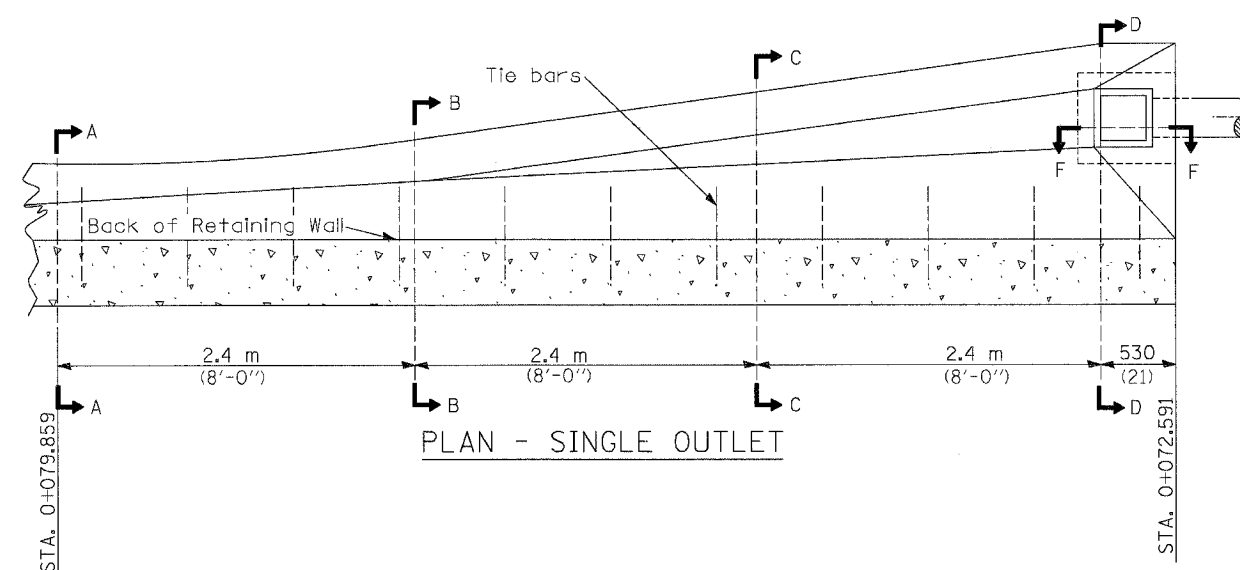
TYPE 3

LOCATION	TYPE OF BUTT JOINT	LENGTH (L) (m)
IL RTE 68 (STA. 9+698.000)	1	15
IL RTE 68 (STA. 10+151.000)	2	14
RAMP A (STA. 0+125.000)	3	-
RAMP B (STA. 0+300.612)	3	-
RAMP C (STA. 0+060.910)	3	-
RAMP D (STA. 0+308.501)	3	-

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68
NAME	DATE	
		BUTT JOINT DETAILS
SCALE N.T.S.		DRAWN BY GRH CHECKED BY PK
DATE OCTOBER, 2006		



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	97
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* 700-Y-B-R & 7HB-R-1		62897		



Material	Single
Concrete - m <sup>3</sup> (cu. yd.)	1.4 (1.7)
Cast Iron Grate - Ea. 37 kg (82 lbs.)	1
Pipe Drain - Dia. mm (in.)	300 (12)

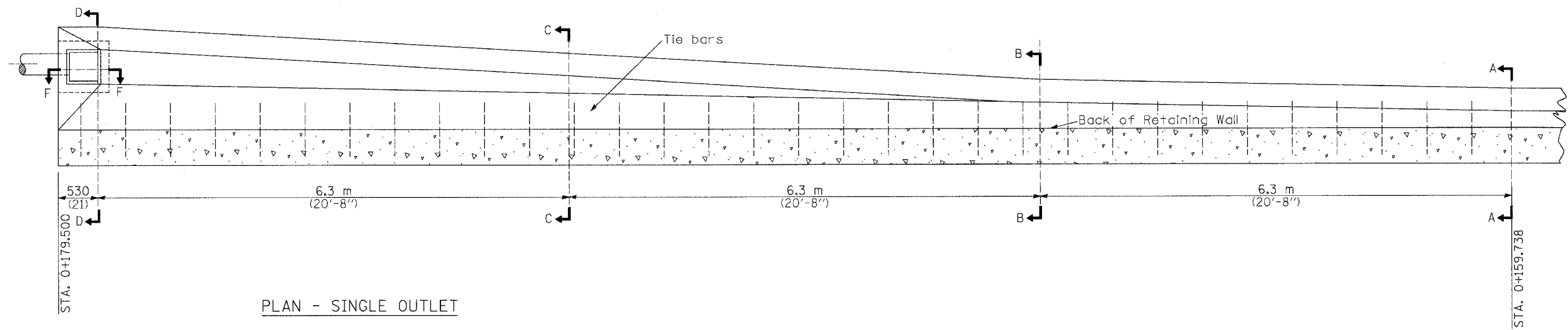
### GENERAL NOTES

1. Tie bars shall be No. 20 (No. 6) at 600 mm (24") centers unless otherwise shown.
2. See Drainage Schedule for Invert and Rim Information.
3. See Proposed Drainage Plans for more information.
4. See Structural Plans for more Retaining Wall Information.

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

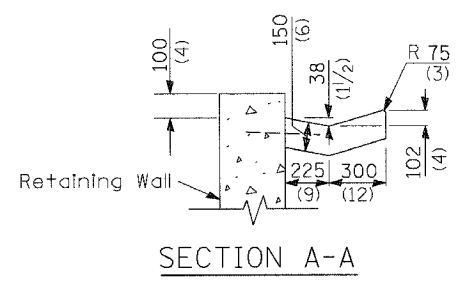
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p style="text-align: center;">OUTLET TYPE 1 (MODIFIED) FOR TYPE B GUTTER AT THE BACK OF THE RETAINING WALL AT STA. 0+072.591</p> <p>SCALE NTS                      DRAWN BY GRH DATE OCTOBER, 2006              CHECKED BY PK</p>

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	98
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 700-Y-B-R & 7HB-R-1		62897		

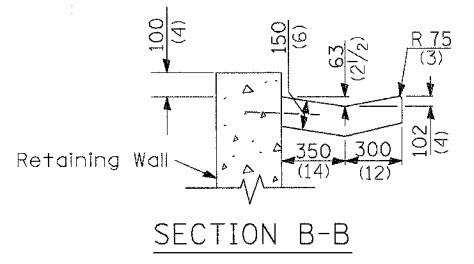


PLAN - SINGLE OUTLET

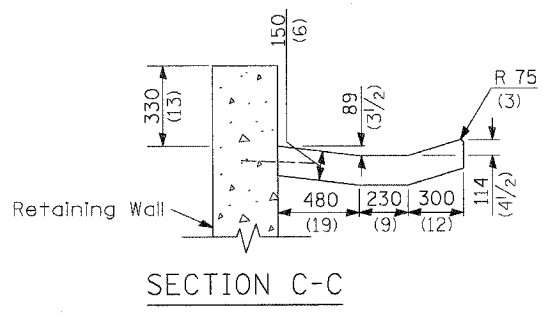
Material	Single
Concrete - m <sup>3</sup> (cu. yd.)	2.7 (3.5)
Cast Iron Grate - Ea. 37 kg (82 lbs.)	1
Pipe Drain - Dia. mm (in.)	300 (12)



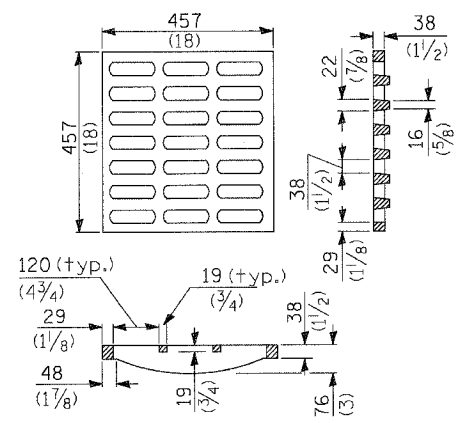
SECTION A-A



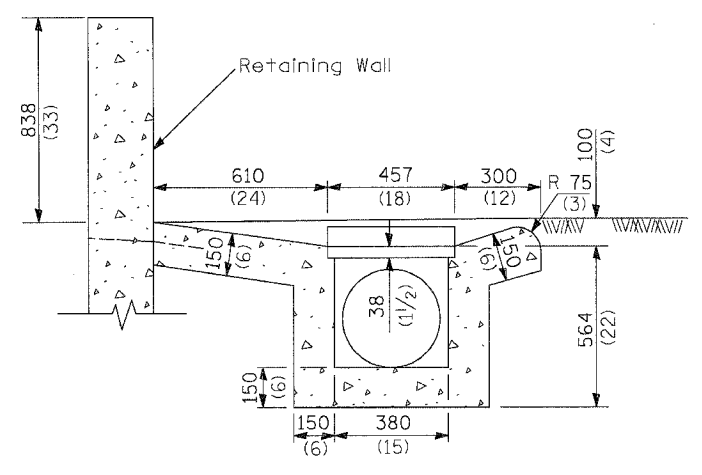
SECTION B-B



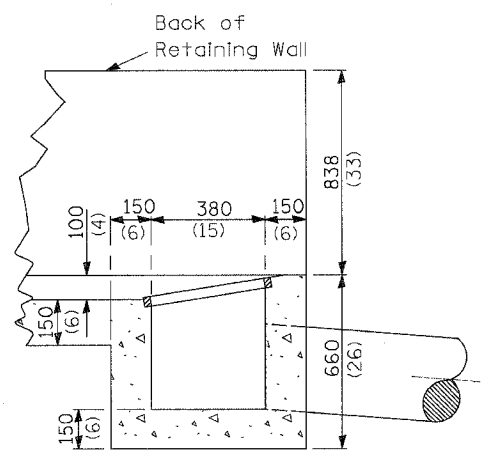
SECTION C-C



GRATE TYPE B



SECTION D-D



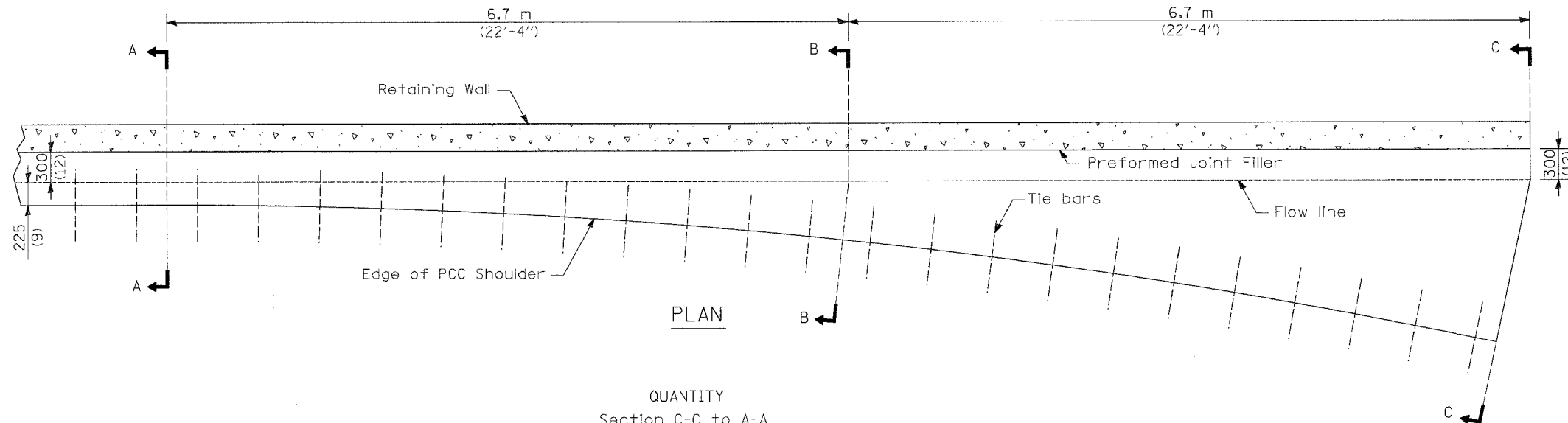
SECTION F-F

GENERAL NOTES

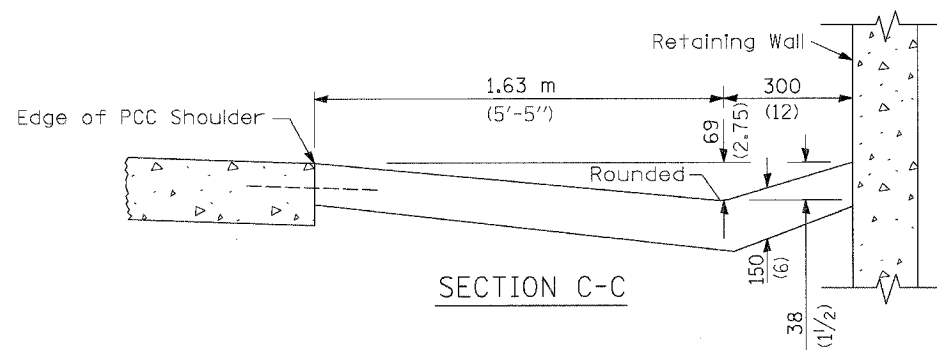
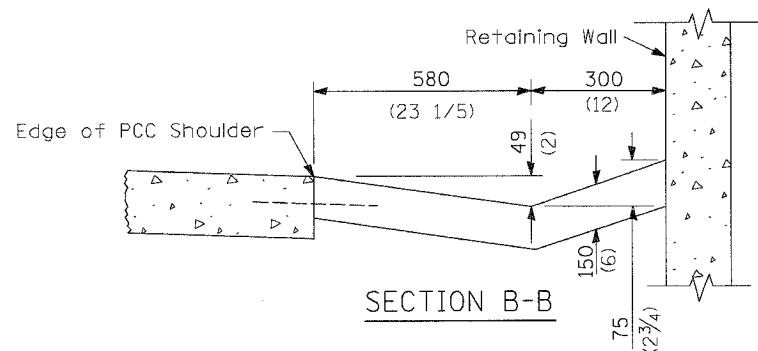
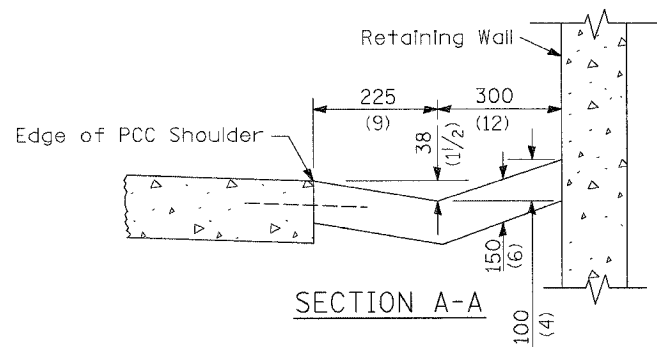
1. Tie bars shall be No. 20 (No. 6) at 600 mm (24") centers unless otherwise shown.
  2. The grade behind the Retaining Wall for the distance A-D is 8.5%. This distance has been increased in accordance with IDOT Standard 606206.
  3. See Drainage Schedule for invert and Rim information.
  4. See Proposed Drainage Plans for more information.
  5. See Structural Plans for more Retaining Wall information.
- All dimensions are in millimeters (Inches) unless otherwise shown.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p>OUTLET TYPE 1 (MODIFIED) FOR TYPE B GUTTER AT THE BACK OF THE RETAINING WALL AT STA. 0+179.500</p> <p>SCALE NTS DRAWN BY GRH DATE OCTOBER, 2006 CHECKED BY PK</p>

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343		COOK	283	99
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
• 700-Y-B-R & 7HB-R-1		62897		



QUANTITY  
Section C-C to A-A  
1.97 m<sup>3</sup> (2.58 cu. yd.)  
concrete.



INLET

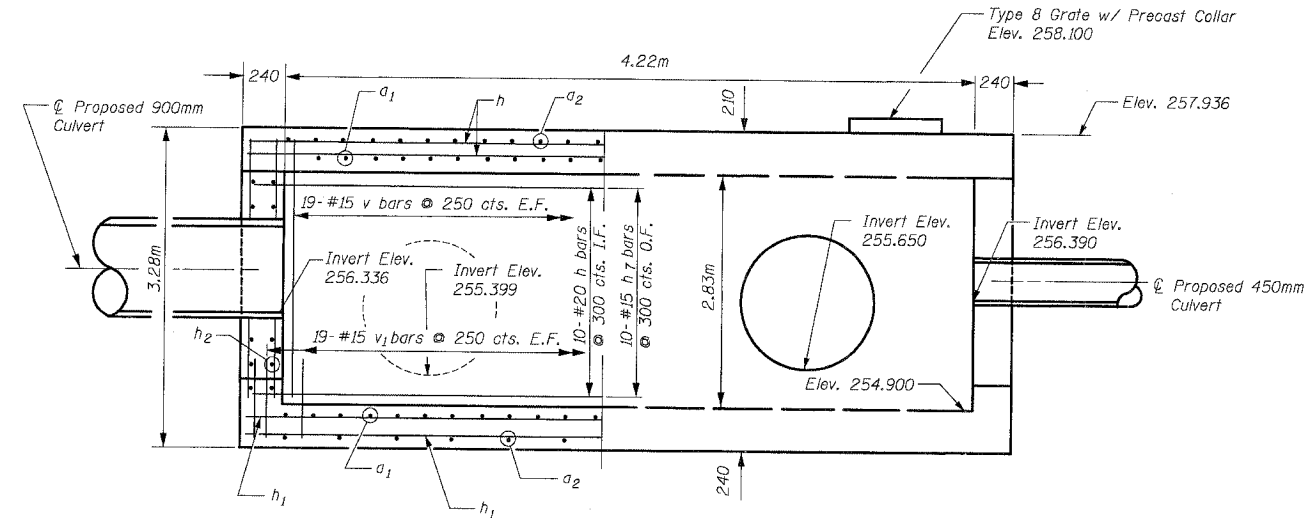
GENERAL NOTES

1. Tie bars shall be No. 20 (No. 6) at 600 mm (24") centers unless otherwise shown.
2. Gutter inlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.
3. See Structural Plans for more Retaining Wall information.

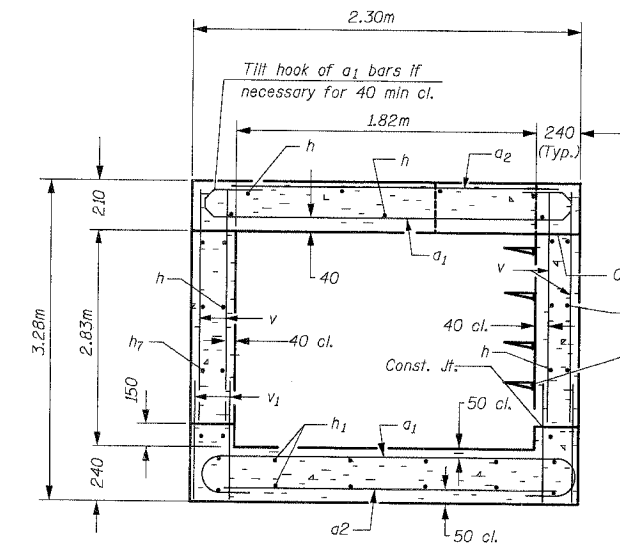
All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPE B GUTTER INLET (MODIFIED)
SCALE NTS		DRAWN BY GRH
DATE OCTOBER, 2006		CHECKED BY PK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	100
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
* TOD-Y-B-R & TOHB-R-1		62897		

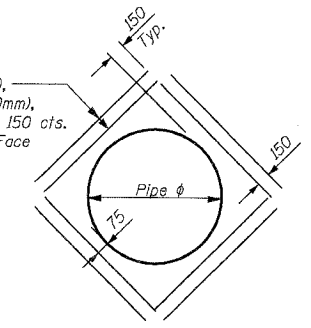


HALF ELEVATION



SECTION THRU BARREL

2-#15  $h_3$ (1050mm),  $h_4$ (900mm),  $h_5$ (450mm),  $h_6$ (610mm) bars @ 150 cts. Each Side, Each Face



PIPE OPENING REINFORCEMENT DETAIL

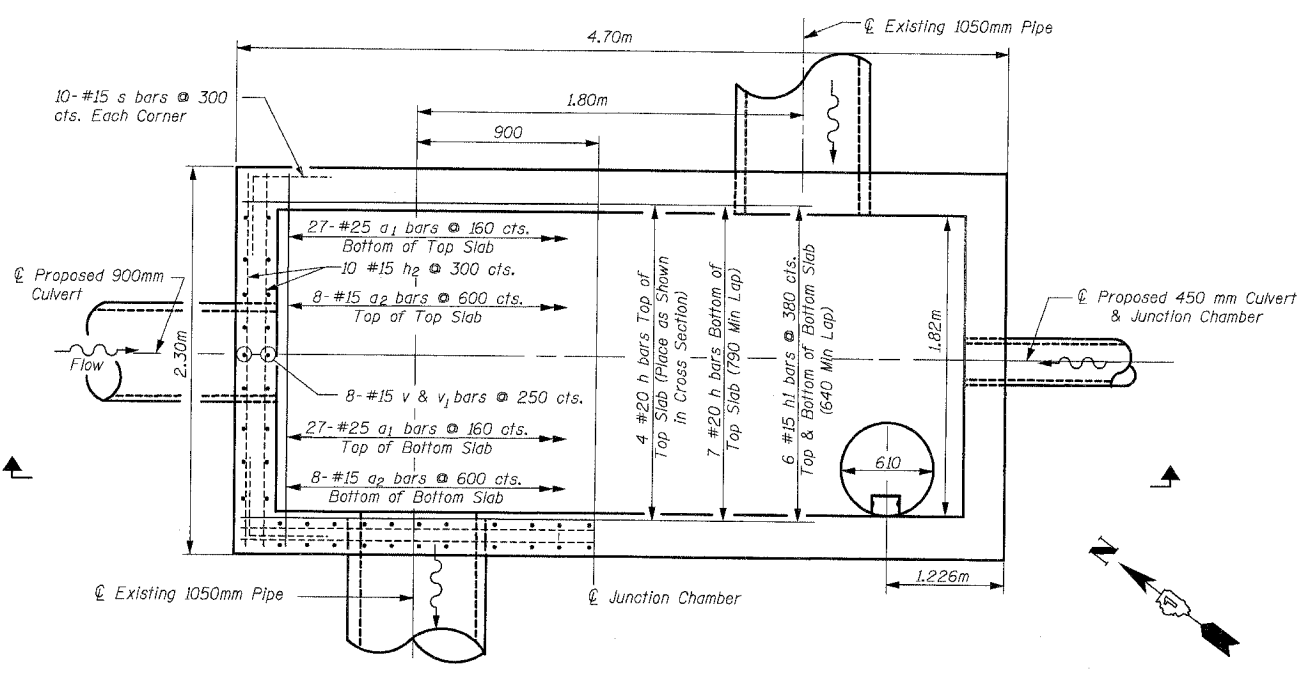
DESIGN STRESSES

$f_y = 420 \text{ MPa}$   
 $f'_c = 24 \text{ MPa}$   
 Max. Soil Pressure under Footing = 30.0 kPa

BILL OF MATERIAL

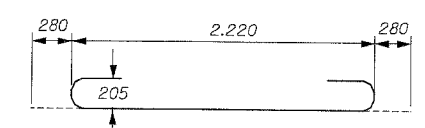
Bar	No.	Size	Length(m)	Shape
$a_1$	54	#25	2.780	—
$a_2$	16	#15	2.220	—
$h$	31	#20	4.620	—
$h_1$	12	#15	4.620	—
$h_2$	40	#20	2.220	—
$h_3$	16	#15	1.370	—
$h_4$	8	#15	1.205	—
$h_5$	8	#15	0.755	—
$h_6$	8	#15	0.915	—
$h_7$	20	#15	4.620	—
$s$	40	#15	1.280	—
$v$	108	#15	2.850	—
$v_1$	108	#15	1.000	—
Class SI Concrete			$\text{m}^3$	13.7
Reinforcement Bars			kg	2,230
Structure Excavation			$\text{m}^3$	30.0
Junction Chamber (Special)			L.S.	1

\* Cost included with Junction Chamber (Special)

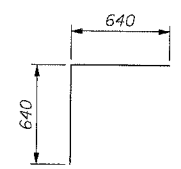


SHOWING REINFORCEMENT PLAN SHOWING OUTLINES

(Cut h & v bars at pipes in field)



Bar  $a_1$



Bar  $s$

NOTES:

- Reinforcement bars shall conform to the requirements of AASHTO M31M or M322M Grade 400.
- All dimensions are in millimeters (mm) except as noted.
- Minimum Bar Laps  
 #15 640  
 #20 790  
 #25 1.320m
- Cast of Cast Iron Steps are included in the cost of Junction Chamber (Special).

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 68
NAME	DATE	
		JUNCTION CHAMBER (SPECIAL) DETAILS
SCALE NTS		DRAWN BY JAN
DATE OCTOBER, 2006		CHECKED BY BTO