EXAMPLE 4

EXAMPLE 4 - Page 1 of 6

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND LAYOUT MAP
1a – 1f	ALIGNMENT AND REFERENCE POINTS
2 – 2f	TYPICAL SECTIONS
3 – 3k	SUMMARY SHEETS
4 – 33	PLAN AND PROFILE SHEETS
34 – 62	DRAINAGE PLAN AND PROFILE SHEETS RIGHT SIDE
63 – 91	DRAINAGE PLAN AND PROFILE SHEETS LEFT SIDE
92	PLAN AND PROFILE SHEET (HYACINTH AVE.)
93	PLAN AND PROFILE SHEET (BLUEBONNET ROAD)
94 – 96	PLAN AND PROFILE SHEETS (DRAINAGE LATERALS)
97 – 99	EXISTING DRAINAGE MAPS
100 – 105	DESIGN DRAINAGE MAPS
106 – 136	SUMMARY OF DRAINAGE STRUCTURE SHEETS
137	SPECIAL DETAIL – MH-20X9
138	SPECIAL DETAIL – COLLAR-01
139	SPECIAL DETAIL – CB-ADJUST
140	SPECIAL DETAIL – PD-01
141 – 154	GEOMETRIC DETAILS
155 – 164	SUGGESTED JOINT LAYOUTS
165 – 170	SUGGESTED GRAPHICAL GRADES
171 – 189	SEQUENCE OF CONSTRUCTION AND MINIMUM CONSTRUCTION SIGNING SHEETS
190 – 209	SUGGESTED STRIPING DETAILS
210 – 232	TRAFFIC SIGNALIZATION PLANS
233 – 237	EROSION CONTROL PLANS
238 – 244	TRAFFIC CONTROL DETAILS (TC00, -03, 05, 07, 11)
245	PAVEMENT BORING LOG AND REVISED BENCHMARK LOCATIONS
301 – 322	BRIDGE PLANS

	STANDARD PLAN	REV. DATE
401	CB-01	11-02-00
402	CB-02	11-02-00
403	CB-06	11-02-00
404	CB-08	11-02-00
405 – 409	MC-01	9-26-94
410	R-CB-11	11-15-76
411	R-CB-11MOD.	11-15-76
412	HW75RCPI	11-14-97
413	HW60RCP2	11-14-97
414	BM-01	07-11-05
415 – 418	CP-01	6-26-01
419 – 420	DW-01	10-12-81
421 – 422	EC-01	1-14-94
423	FN-01	6-1-83
424 – 425	MB-01	1-14-92
426 – 429	PM-01	1-21-98
430	HS-03	1-03-05
431 – 432	SAM-1	7-03-02
433	RM-44	4-29-80
434	RW-01	9-16-03
435	R-CB-36	5-2-77

501 – 545 CROSS SECTIONS

TOTAL SHEETS WITHOUT CROSS SECTIONS	323
TOTAL SHEETS WITH CROSS SECTIONS	368

TRAFFIC DATA:

2005 A.D.T. = 24570 vpd
2025 A.D.T. = 39850 vpd

D= 55 %
K= 10 %
T= 4.5 %

DESIGN SPEED= 45 M.P.H.

DESIGN CLASS – UA-2

DATE	REVISION	DATE	RECOMMENDED	DATE	APPROVED

SCHEDULE OF REVISIONS

TYPE OF CONSTRUCTION :

GRADING, DRAINAGE STRUCTURES, BASE COURSE PORTLAND CEMENT CONCRETE PAVEMENT, CONCRETE SLAB SPANS BRIDGE

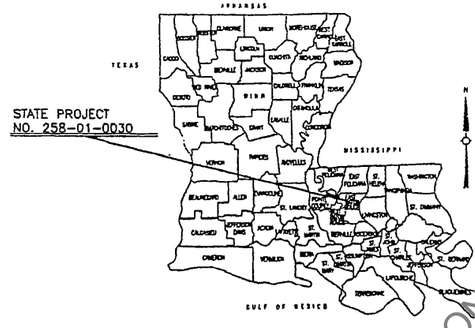
STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
PLANS OF PROPOSED

STATE HIGHWAY

FEDERAL AID PROJECT NO. 0394(013)
STATE PROJECT NO. 258-01-0030

PERKINS ROAD IMPROVEMENTS (ESSEN LANE TO SIEGEN LANE)

EAST BATON ROUGE PARISH
ROUTE LA 427



VICINITY MAP

FOR INFORMATIONAL PURPOSES ONLY

STATE OF LOUISIANA
KENNETH J. GOARK
REG. NO. 9515
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

RECOMMENDED FOR APPROVAL

Washington
WASHINGTON GROUP INTERNATIONAL
DATE 09/22/2004

STATE OF LOUISIANA
WILLIAM C. MONROE
REG. No. 13691
REGISTERED PROFESSIONAL ENGINEER IN CIVIL & MECHANICAL ENGINEERING

VALUE ENGR – CONTRACT & SPECS CHANGES ONLY

W. C. MONROE, P.E., P.L.S.
DATE 12-22-2005

APPROVED

APPROVED

FEDERAL HIGHWAY ADMINISTRATION
DATE

EQUATION -1.60'
STA. 101+20.55 L.B. =
STA. 101+22.15 L.A.

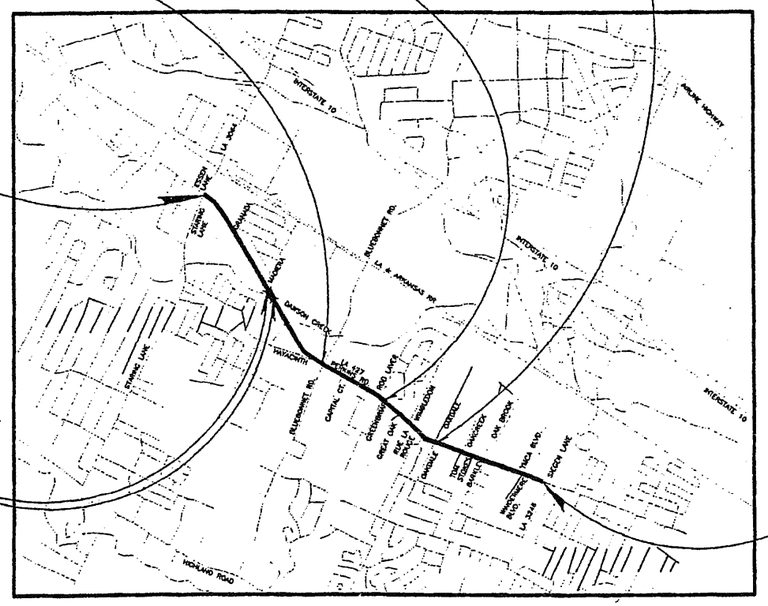
EQUATION -2.57'
STA. 126+04.78 L.B. =
STA. 128+07.35 L.A.

EQUATION -4.03'
STA. 150+96.54 L.B. =
STA. 151+00.58 L.A.

CSLM 8.100
STATION 32+79.59
BEGIN STATE PROJECT
NO. 258-01-0030
BEGIN F.A.P.
NO. 0394(013)

BRIDGE SITE 160.00'
STA. 71+04.00 – STA.72+64.00
8 @ 20' CONC. SLAB SPANS

CSLM 5.172
STATION 183+29.00
END STATE PROJECT
NO. 258-01-0030
END F.A.P.
NO. 0394(013)



DATUM USED : NAVD 88
MAG. VAR. :
BEARINGS ARE TRUE
TRANSIT BOOKS : N/A

LEVEL BOOKS : N/A

SCALES
PLAN : 1" = 20'
PROFILE : HOR. 1" = 20'
VERT. 1" = 4'

LAYOUT MAP

SCALE: 1 INCH = 2640 FEET

1 Mi. 0.5 Mi. 0 Mi. 0.5 Mi. 1 Mi.

NOTE:
THE 2000 EDITION OF THE LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT.

LENGTH OF PROJECT

DESCRIPTION	ALGEBRAIC SUM OF ALL EQUATIONS	GROSS LENGTH	EXCEPTION	BRIDGE LENGTH		ROADWAY LENGTH	
STATION TO STATION	FEET	FEET	FEET	FEET	MILES	FEET	MILES
32+79.59–183+00.00	-8.20	15041.21		160.00	.030	14881.21	2.818
TOTAL LENGTH OF BRIDGES				160.00	.030		
TOTAL LENGTH OF ROADWAY						14881.21	2.818
TOTAL MILES				2.848			

SHEET NUMBER	1
PARISH	EAST BATON ROUGE
FEDERAL PROJECT	0394(013)
STATE PROJECT	258-01-0030

DESIGNED / CHECKED / DETAILED / CHECKED / DATE / SHEET

NO.	DATE	REVISION DESCRIPTION	BY

PERKINS ROAD (ESSEN LANE-SIEGEN LANE) LA 427

TITLE SHEET

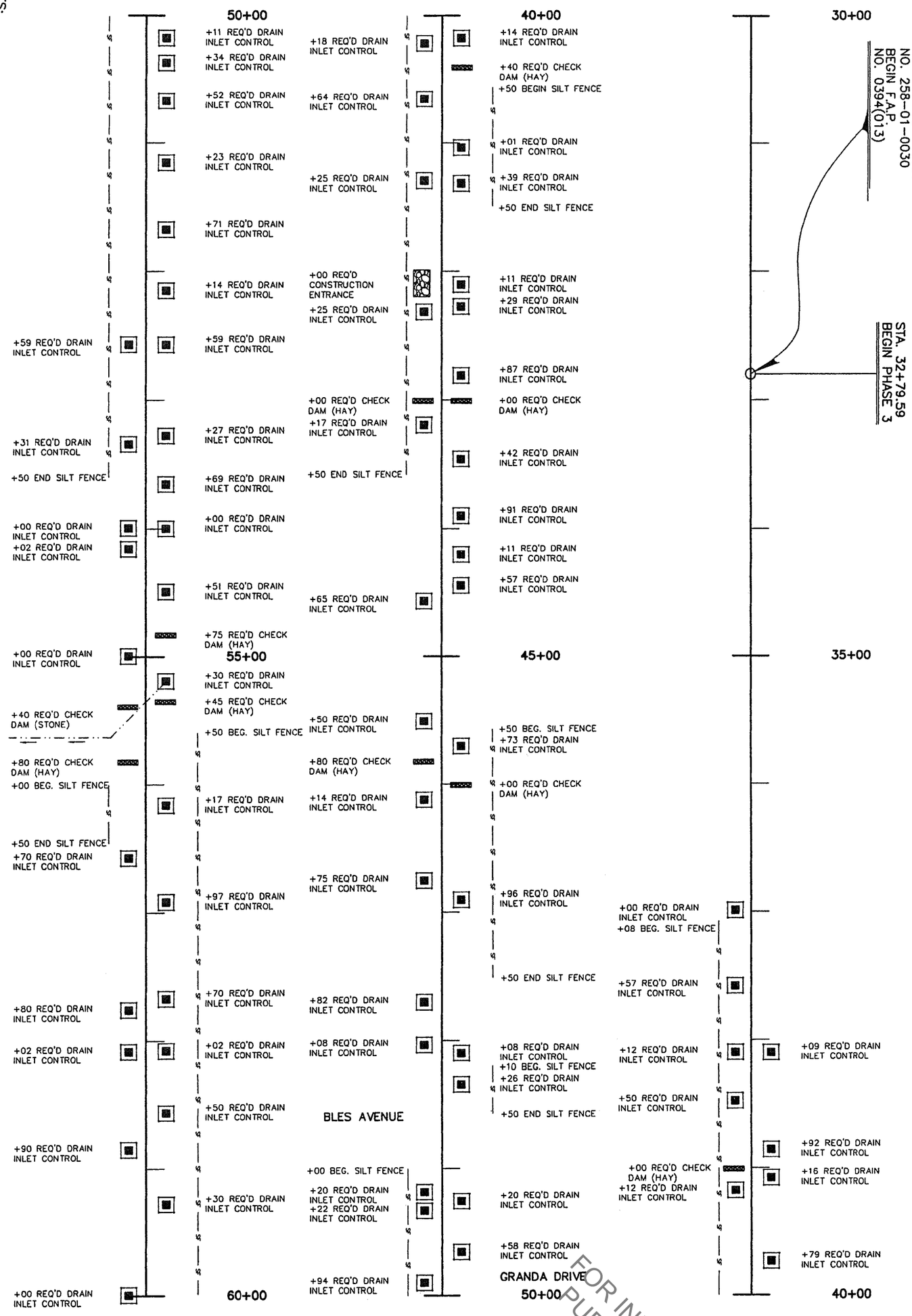
ROAD DESIGN

NOTES:

1. NO ADDITIONAL PAYMENT WILL BE MADE FOR MOVING OF EROSION CONTROL DEVICES AT DIFFERENT SEQUENCES OF CONSTRUCTION.
2. SILT FENCE IS TO BE PLACED AT THE REQUIRED OR EXISTING RIGHT-OF-WAY LINE UNLESS OTHERWISE NOTED.
3. THE QUANTITY OF HAY BALES HAS BEEN ESTIMATED AT 7 BALES PER INLET CONTROL LOCATION AND WILL BE PAID AT THE UNIT PRICE FOR ITEM NO. 204-02, TEMPORARY HAY OR STRAW BALES.

NOTE: SEE SECTION 204 OF THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" FOR ADDITIONAL INFORMATION.

HORIZONTAL SCALE ALONG CENTERLINE IS 1"=40'
LOCATION OF SILT FENCE AND INLET CONTROL ARE NOT SHOWN TO SCALE FOR CLARITY.



LEGEND:

- REQUIRED DRAIN INLET PROTECTION
- REQUIRED CHECK DAM (HAY)
- REQUIRED SILT FENCE (START & STOP AT DRIVEWAYS)
- REQUIRED CONSTRUCTION ENTRANCE

FOR INFORMATIONAL PURPOSES ONLY

ROAD DESIGN	PERKINS ROAD (ESSEN LANE-SIEGEN LANE) LA 427		DESIGNED CHC / CHECKED WCM	PARISH	EAST BATON ROUGE	SHEET NUMBER	245
	SUGGESTED TEMPORARY EROSION CONTROL DETAILS		DETAILED SRM / CHECKED WCM	FEDERAL PROJECT	0394(013)		
		NO. / DATE / REVISION DESCRIPTION / BY	DATE 01/31/06 / SHEET 1 OF 5	STATE PROJECT	258-01-0030		

NOTE: SEE SECTION 204 OF THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" FOR ADDITIONAL INFORMATION.

HORIZONTAL SCALE ALONG CENTERLINE IS 1"=40'
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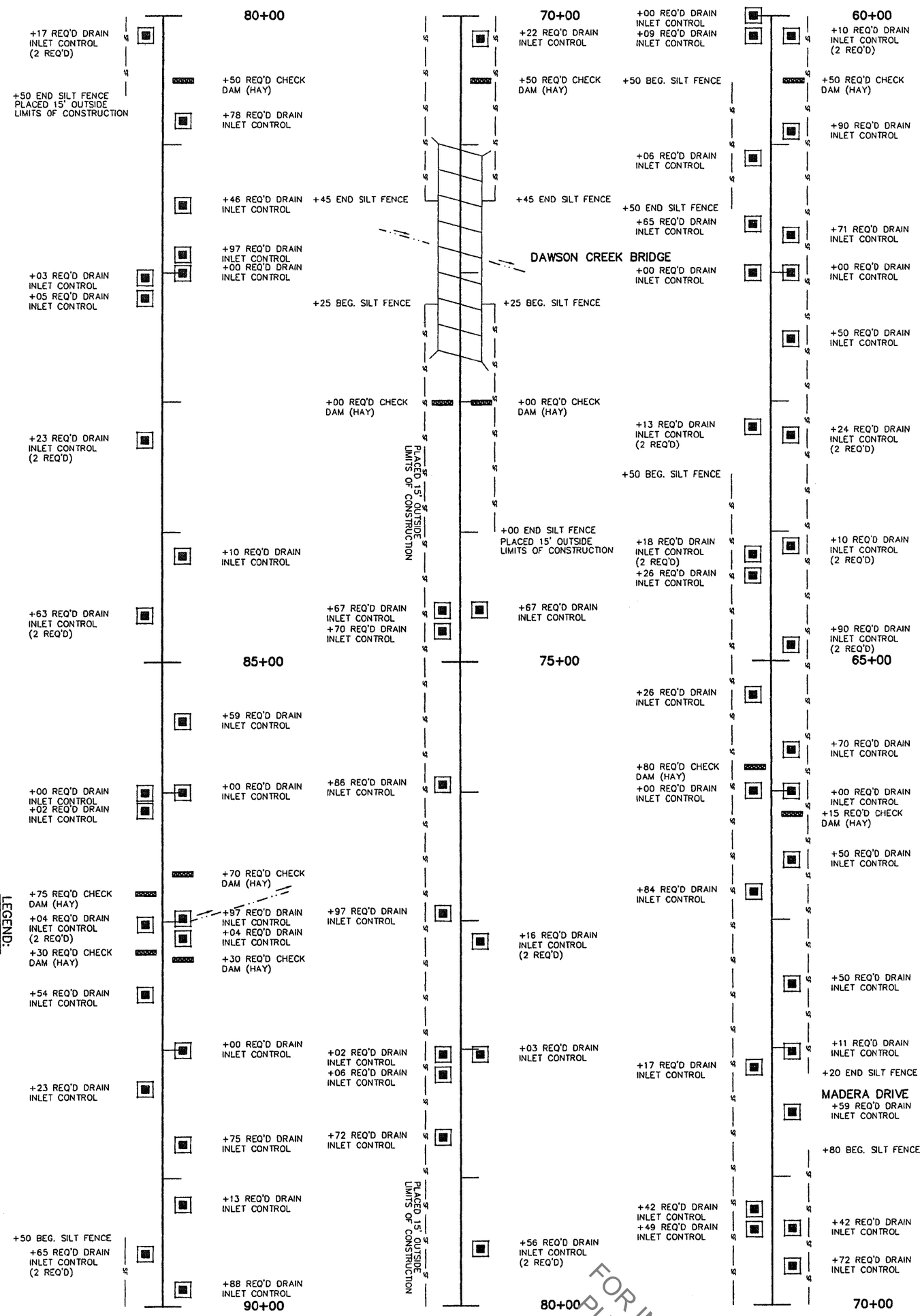

NOTES:

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2. SILT FENCE IS TO BE PLACED AT THE REQUIRED OR EXISTING RIGHT-OF-WAY LINE UNLESS OTHERWISE NOTED.
3. THE QUANTITY OF HAY BALES HAS BEEN ESTIMATED AT 7 BALES PER INLET CONTROL LOCATION AND WILL BE PAID AT THE UNIT PRICE FOR ITEM NO. 204-02, TEMPORARY HAY OR STRAW BALES.

LEGEND:

REQUIRED DRAIN INLET PROTECTION

REQUIRED CHECK DAM (HAY)

REQUIRED SILT FENCE (START & STOP AT DRIVEWAYS)

REQUIRED CONSTRUCTION ENTRANCE

STATE OF LOUISIANA
WILLIAM C. HOOPER
REG. No. 13697
PROFESSIONAL ENGINEER
IN PRACTICE

FOR INFORMATIONAL PURPOSES ONLY

ROAD DESIGN	PERKINS ROAD (ESSEN LANE–SIEGEN LANE) LA 427	DESIGNED CHC / CHECKED WCM	PARISH	EAST BATON ROUGE	SHEET NUMBER 246
		DETAILED SRM / CHECKED WCM	FEDERAL PROJECT	0394(013)	
	SUGGESTED TEMPORARY EROSION CONTROL DETAILS	DATE 01/31/06 / SHEET 2 OF 5	STATE PROJECT	258-01-0030	

NO.	DATE	REVISION DESCRIPTION	BY

NOTE: SEE SECTION 204 OF THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" FOR ADDITIONAL INFORMATION.

HORIZONTAL SCALE ALONG CENTERLINE IS 1"=40'
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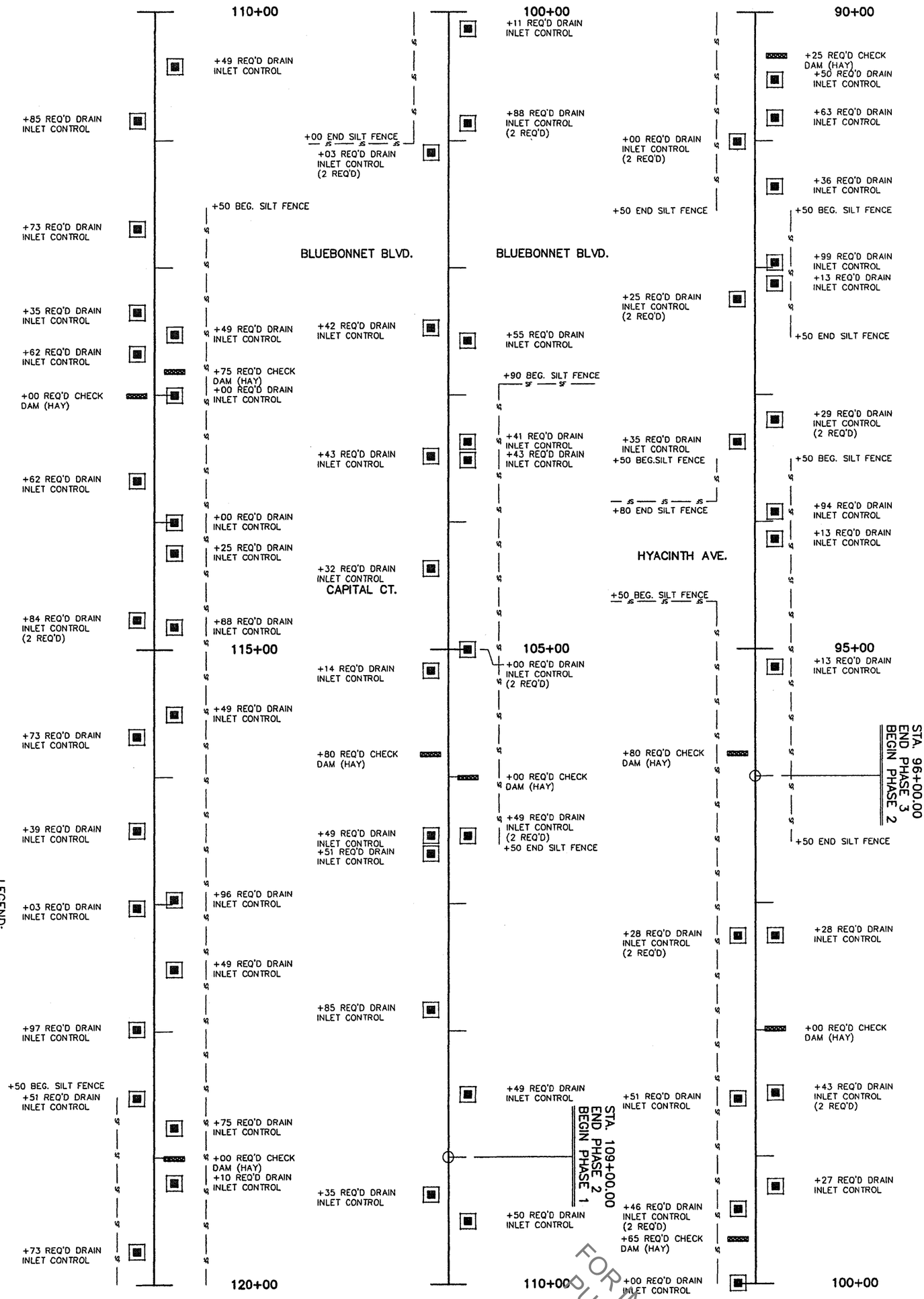

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LEGEND:

- REQUIRED DRAIN INLET PROTECTION
- REQUIRED CHECK DAM (HAY)
- REQUIRED SILT FENCE (START & STOP AT DRIVEWAYS)
- REQUIRED CONSTRUCTION ENTRANCE

FOR INFORMATIONAL PURPOSES ONLY

STATE OF LOUISIANA
WILLIAM C. LAURENT
REG. NO. 13610
PROFESSIONAL ENGINEER

ROAD DESIGN	PERKINS ROAD (ESSEN LANE–SIEGEN LANE) LA 427		DESIGNED CHC / CHECKED WCM	PARISH	EAST BATON ROUGE	SHEET NUMBER	247
	SUGGESTED TEMPORARY EROSION CONTROL DETAILS		DETAILED SRM / CHECKED WCM	FEDERAL PROJECT	0394(013)		
		NO. / DATE / REVISION DESCRIPTION / BY	DATE 01/31/06 / SHEET 3 OF 5	STATE PROJECT	258-01-0030		

NOTE: SEE SECTION 204 OF THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" FOR ADDITIONAL INFORMATION.

HORIZONTAL SCALE ALONG CENTERLINE IS 1"=40'
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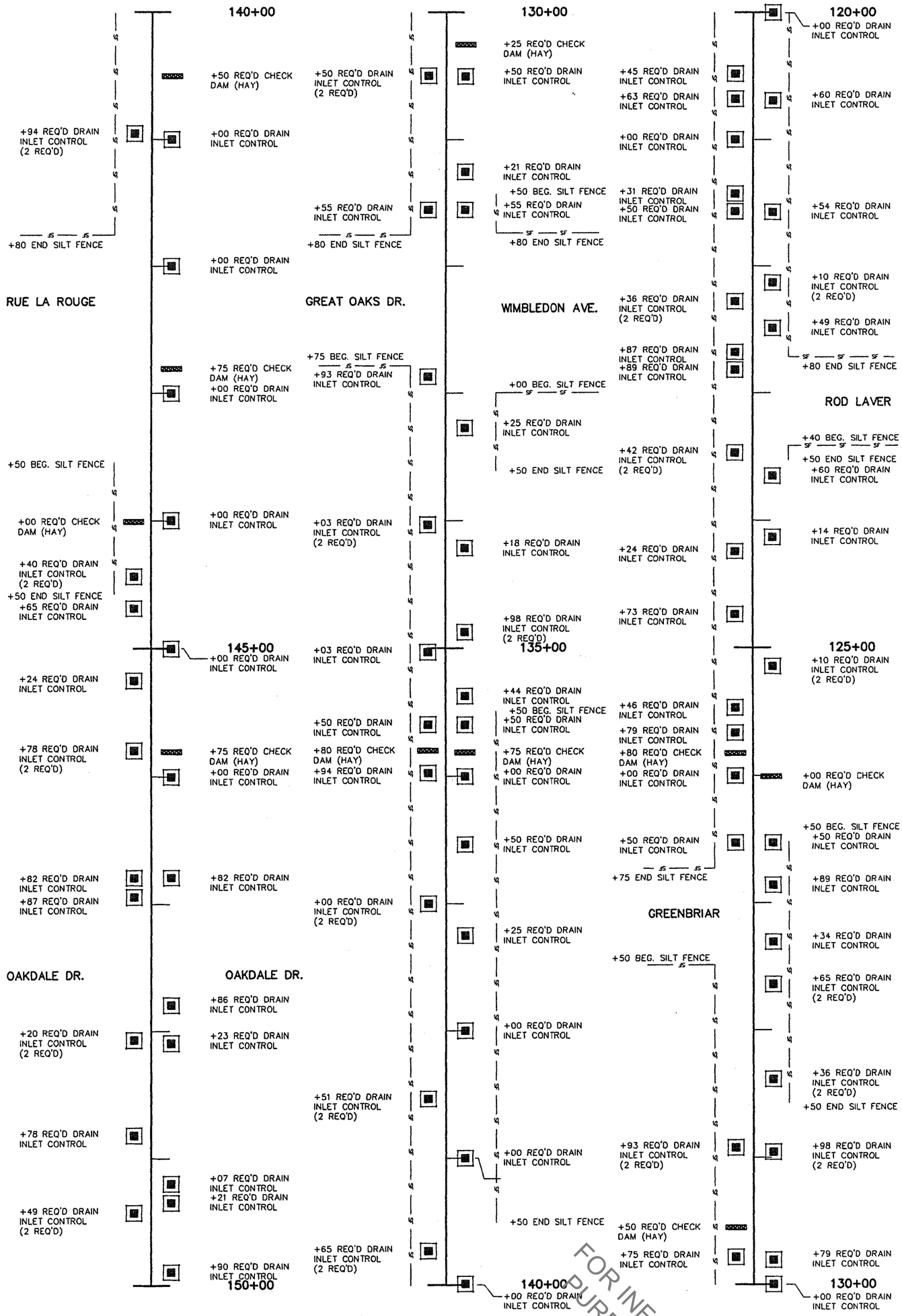

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LEGEND:

- REQUIRED DRAIN INLET PROTECTION
- REQUIRED CHECK DAM (HAY)
- REQUIRED SILT FENCE (START & STOP AT DRIVEWAYS)
- REQUIRED CONSTRUCTION ENTRANCE

FOR INFORMATIONAL PURPOSES ONLY

ROAD DESIGN	PERKINS ROAD (ESSEN LANE-SIEGEN LANE) LA 427	DESIGNED CHC / CHECKED WCM	PARISH	EAST BATON ROUGE	SHEET NUMBER 248
	SUGGESTED TEMPORARY EROSION CONTROL DETAILS	DETAILED SRM / CHECKED WCM	FEDERAL PROJECT	0394(013)	
	NO. DATE REVISION DESCRIPTION BY	DATE 01/31/06 / SHEET 4 OF 5	STATE PROJECT	258-01-0030	

NOTE: SEE SECTION 204 OF THE "LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES" FOR ADDITIONAL INFORMATION.

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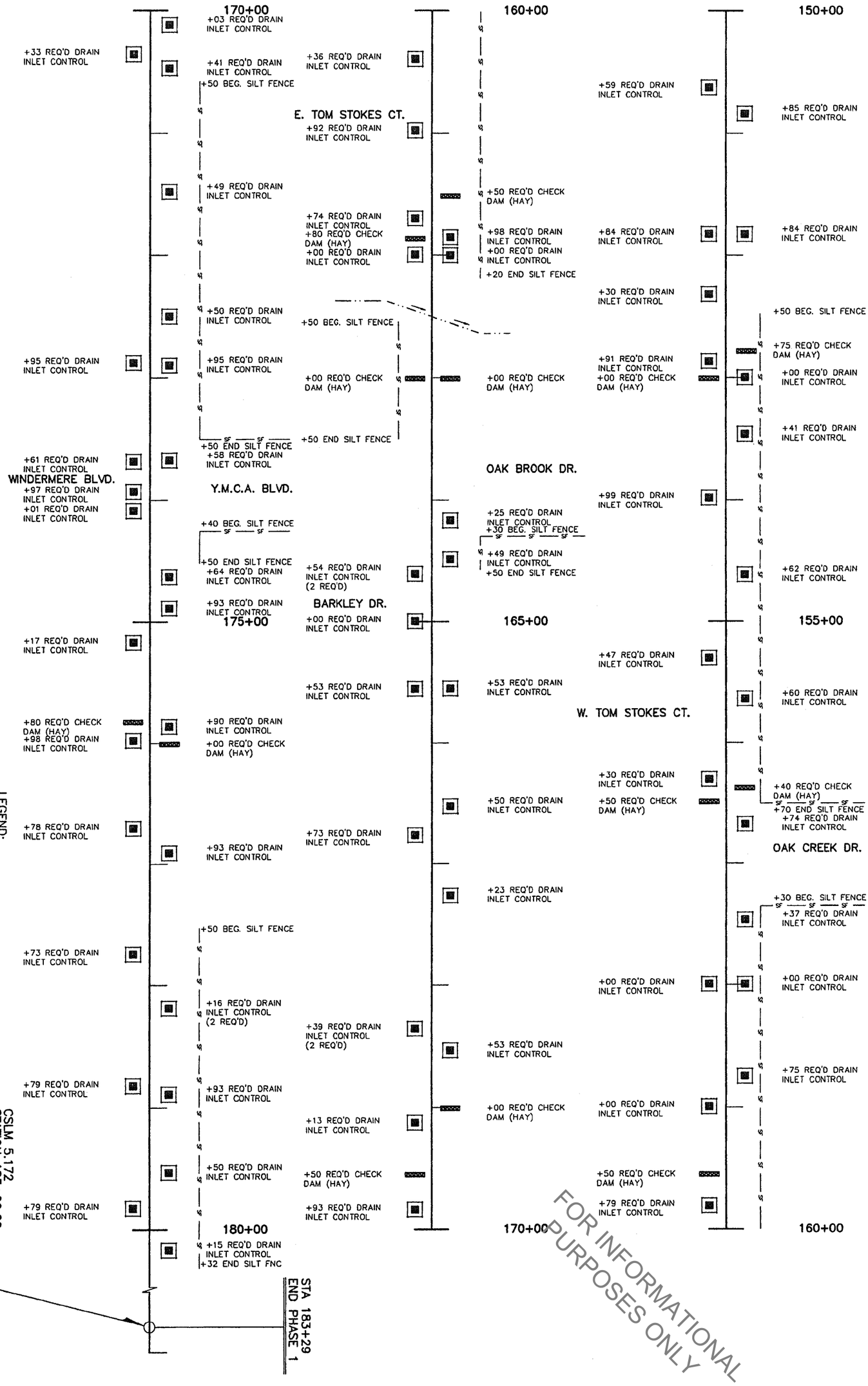
LEGEND:

REQUIRED DRAIN INLET PROTECTION
REQUIRED CHECK DAM (HAY)
REQUIRED SILT FENCE (START & STOP AT DRIVEWAYS)
REQUIRED CONSTRUCTION ENTRANCE



FOR INFORMATIONAL PURPOSES ONLY

ROAD DESIGN	PERKINS ROAD (ESSEN LANE-SIEGEN LANE) LA 427		DESIGNED CHC	PARISH	EAST BATON ROUGE	SHEET NUMBER	249
			CHECKED WCM				
			DETAILED SRM	FEDERAL PROJECT	0394(013)		
			CHECKED WCM				
	SUGGESTED TEMPORARY EROSION CONTROL DETAILS	NO. DATE REVISION DESCRIPTION BY	DATE 01/31/06	STATE PROJECT	258-01-0030		
			SHEET 5 OF 5				