

A0007156 1 of 3

N.O. LRFT GDM A Oct 83

CLEARANCE REQUIREMENTS FOR FLOODGATES

MEMO TO FILE

MEETING w/ CITY OF N.O. DEPT. OF STREETS

GATES 9 & 10 (@ FRANKLIN AVE.)

Opening 34', column 2' from median curb  
Narrow roads to 26' by transitioning curb on the  
parking lane only, from the approach side. Transition  
to start approx. 150' (start at nearest C.B.  
on N. Bound lane)

If ramp is feasible, design for 40 MPH following  
AASHTO specs.

GATES 11 & 13 (East side & West side of Pont. Beach)

Opening 50'  
can. delete curb in gates swing area - provide  
pointed stripes in place of curbs.

GATE 14 (Ramp at Lakeshore Dr. West of London Ave  
(Canal, vic Lake Terrace).

Opening 50', leave at same location  
Provide 4' barrier median (use removable barrier  
in median if Mitered Swing Gates are used).

GATE 16 (@ Lakeshore Drive, west of Rail St.)

Opening 50'. Reduce clearance between column  
and curb on north side to 4', increase  
clearance on south side to 6'. Check sight  
stopping distances (Note: this road crossing will  
be modified by levee boards plan for Bayou St. John)

If possible provide right turn lane on Rail St. separated by island.

GATE 17 (@ Marconi Dr.)

Provide 36' to 40' opening - could provide pedestrian crossing inside gated opening.

Relocate N.W. curb only to decrease road's width to 32' curb to curb (ie: move <sup>west</sup> curb in radius 5' into existing road).

Look at possibility of providing Mitered Swing Gates by raising the road elevation.

GATES 18 & 19 (@ Canal Blvd.)

Provide 34' clear opening - narrow approach side of road to 26' (move parking lanes curbs only)

Provide 2' clearance between curbs and columns in median and 6' clearance at other ends.

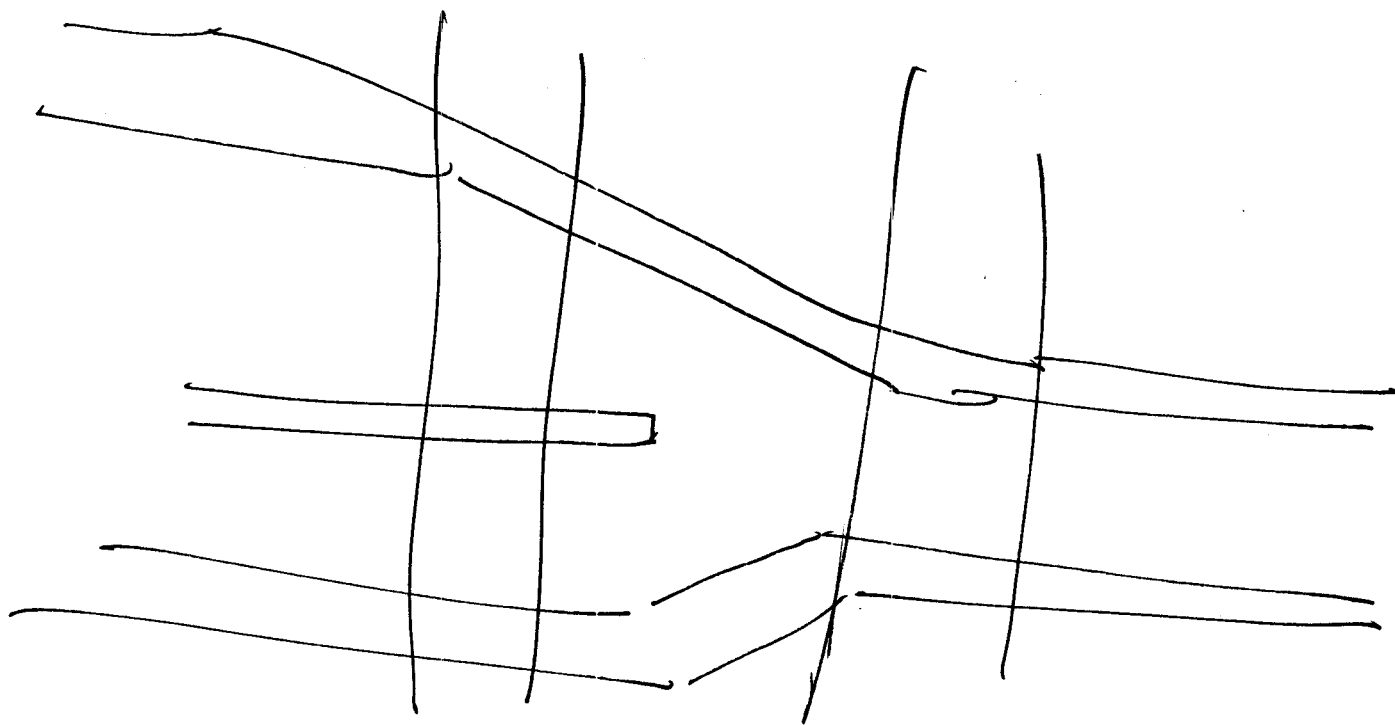
Move sidewalks inside the gated opening.

GATE 20 (@ Topaz St.)

Provide 38' clear opening, narrow street to 26' curb to curb, provide 6' sidewalk on both sides of street. → Mitered Swing Gates? ←

Gate 21

Provide 60' opening. Provide 2' clearance between curb and column on East side, 6' clearance on West side (canal side).



LIST OF ATTENDEES :

EARL MAGNER OLB

ED BAILEY OLB

CARL GUGGENHEIMER COE

JORGE ROMERO COE

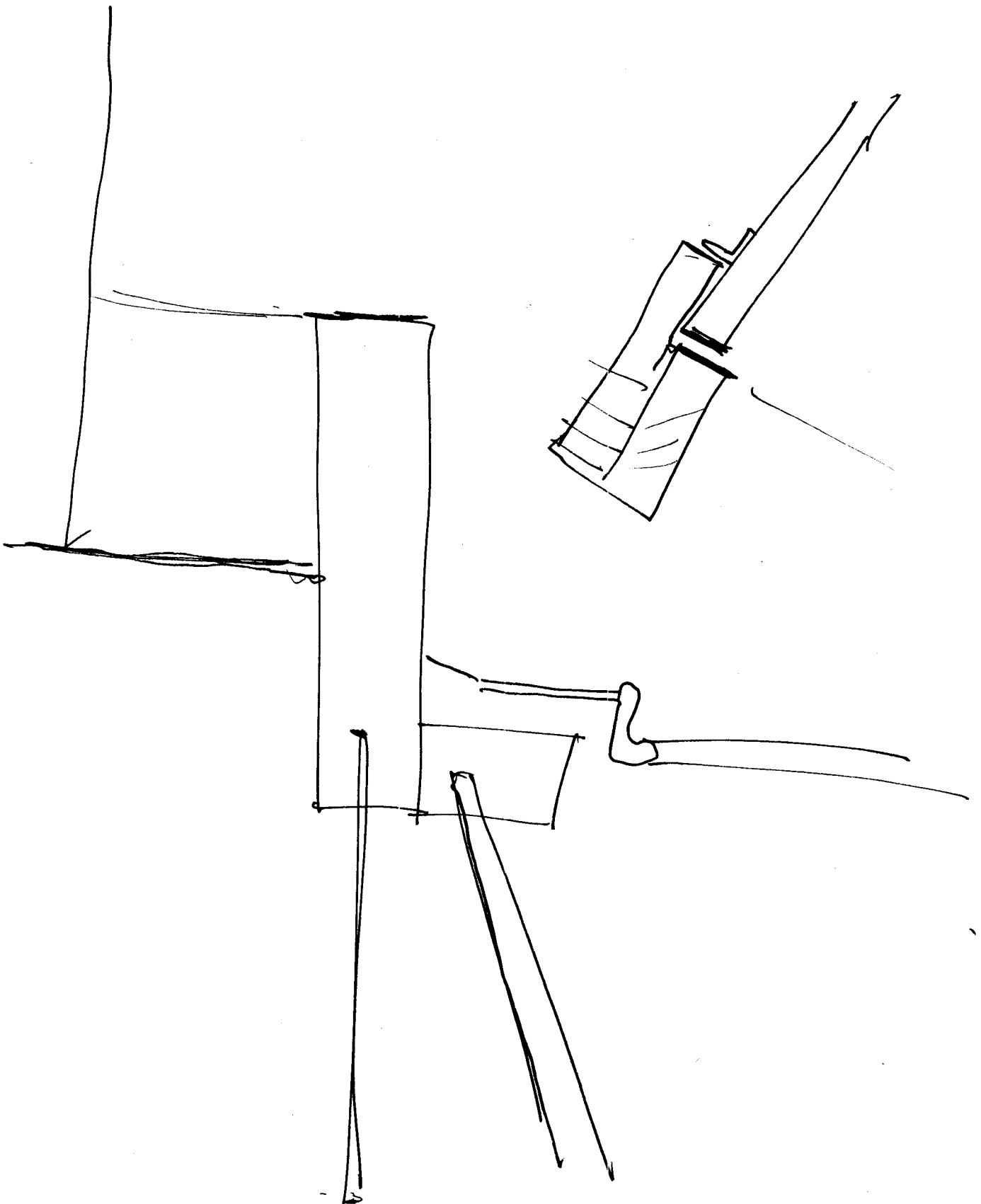
BERNARD DORCEY COE

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Similar letters furnished to:  
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See page 3 for additional similar letters furnished.

Similar letters furnished to:  
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See page 4 for similar letters furnished.

DIAGNOSTIC REPORTS FOR THE  
DR. CHARLES W. SMITH  
GENERAL REPORTS FOR THE

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-4-

Similar letters furnished to:  
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NEW ORLEANS AK-POINT HURRICANE PROTECTION  
FLOOD GATES & DUKS HEIGHT

ST NO.	LOCATION	DETAILS OF EXISTING STREET	REQD CLEAR SPAN TYPE OF GATE	GATE SILL ELEV. #	GATE TOP ELEV. **	MISC. DETAILS	
OLB? XCK BOARD?	1	FRANCE ROAD, VICINITY OF RABCLIFF MATERIALS, INC.	22' ASPHALT ROAD, NO CURB 2-LANES, 2-WAY TRAFFIC	30' SWING	10.0±	14.0	BY-PASS ROAD? STREET CLOSURE EXTENDED HINGE COLUMN
RAILWAY	2	ACROSS 2-SETS OF RR TRACKS, SOUTH SIDE OF SEABROOK BRIDGE	13'± & TRACK TO & TRACK	31' SWING	8.0±	15.0	EXTENDED HINGE COLUMN TEMPORARY FALSEWORK
"	3	ACROSS 1-SET RR TRACKS, SOUTH SIDE OF SEABROOK BRIDGE	SINGLE TRACK	17' SWING	7.0±	15.0	STORAGE COLUMN
OLB	4	SERVICE RD., SOUTH SIDE OF SEABROOK BRIDGE	29' CONCRETE ROAD 2-LANES, 1-WAY TRAFFIC	30' SWING	10.75±	15.0	EXTENDED HINGE COLUMN BY-PASS ROAD? STAGE
OLB	5	ACCESS TO WESTBOUND LANES OF LAKEHURST DR. & TO N. SERVICE ROAD OF SEABROOK BRIDGE	27' CONCRETE ROAD 2-LANES, 1-WAY TRAFFIC	34' MITERED SWING	12.5±	17.5	STREET CLOSURE? MAINTAIN TRAFFIC
OLB	6	RAMPED ENTRANCE TO NAVAL RESERVE CENTER	22' ASPHALT ROAD NO CURBS	? SWING	12.0±	17.5	STORAGE COLUMN REQUIRED STREET CLOSURE?
OLB	7	RAMPED ENTRANCE TO NAVAL RESERVE CENTER	22' ASPHALT ROAD NO CURBS	26' SWING	12.5±	17.5	STORAGE COLUMN REQUIRED STREET CLOSURE?
OLB COULD MAINTAIN?	8	RAMP @ LAKEHURST DRIVE VIC GULF SOUTH RESEARCH INST.	36.6' ASPHALT ROAD 3-LANES, 1-WAY TRAFFIC	46' - could not swing MITERED SWING	12.0±	17.5	BY-PASS ROAD? MAINTAIN TRAFFIC STREET CLOSURE?
CITY ✓	9	RAMP @ FRANKLIN AVE VIC AMERICAN STANDARD POND	29' CURB TO CURB THRU ROADS + 1 PARKING LANE EACH 2-LANES, 1-WAY TRAFFIC	(OK) 39' * MITERED SWING	12.5±	17.5	BUILD ONE GATE AT A TIME MAINTAIN 2-WAY TRAFFIC IN STR.
OLB ✓	10	LAKEHURST DRIVE EAST SIDE OF PONT BEACH	40' ROAD CURB TO CURB 4-LANES, 2-WAY TRAFFIC	50' BOTTOM ROLLER	5.75±	16.0	① STORAGE MOUNTAIN ON S. SIDE ② MITERED SWING GATE IS BEING STREET CLOSURE? MAINTAIN TRAFFIC
OLB ✓	11A	MAIN ENTRANCE TO PUNTER BOND (N. OF TRAFFIC CIRCLE)	2-29' Roads + 14' MEDIA	30' BOTTOM ROLLER	8.5±	14.5	
OLB ✓	11B	RAMP @ LAKEHURST DRIVE WEST SIDE OF PUNTER BOND	40' ROAD 4-LANES, 2-WAY TRAFFIC	50' MITERED SWING	10.75±	17.0	BY-PASS ROAD? MAINTAIN TRAFFIC STREET CLOSURE?
CITY ✓	12	RAMP @ LAKEHURST DRIVE WEST OF LONDON AVE CANAL VIC LAKE TERRACE	40' ROAD 4-LANES, 2-WAY TRAFFIC	50' BOTTOM ROLLER	12.6±		① STORAGE MOUNTAIN ON N. SIDE ② MITERED SWING GATE IS BEING STREET CLOSURE? MAINTAIN TRAFFIC
OLB ✓	13	RAMP OVER LEVEE, WEST OF BAYOU ST JOHN	20' STEEL RAMP ACCESS TO SHELTER	20' SWING	16.0±		
CITY	14	RAMP @ LAKEHURST DRIVE WEST OF RAIL ST.	40' ROAD CURB TO CURB 4-LANES, 2-WAY TRAFFIC	50' MITERED SWING	12.0±		MAINTAIN TRAFFIC? STREET CLOSURE?
CITY	17	RAMP @ MARCONI DR. & LAKEHURST DR.	36.8' ROAD CURB TO CURB 2-LANES, 2-WAY TRAFFIC	38.8' 36' 1/4' BOTTOM ROLLER	12.25±		STORAGE MOUNTAIN ON N. SIDE STREET CLOSURE? MAINTAIN TRAFFIC
CITY	17A	PEDESTRIAN CROSSING OVER LEVEE ON E. SIDE OF MARCONI DR.	10' CONCRETE SIDEWALK	5' SWING	13.0±		
CITY	18	RAMP @ CANAL BLVD.	28' CURB TO CURB THRU ROADS + 1 PARKING LANE EACH 2-LANES, 1-WAY TRAFFIC	34' * SWING	11.5±		BUILD ONE GATE AT A TIME MAINTAIN 2-WAY TRAFFIC IN STR.
CITY	19	CONCRETE SIDEWALKS E. SIDE & W. SIDE OF CANAL BLVD.	5' WIDE CONCRETE SIDEWALK 24' ±	5' SWING	12.0±		
CITY	20	RAMP @ TOPAZ ST.	32' CONCRETE RD. CURB TO CURB 2-LANES, 2-WAY TRAFFIC	30' SWING	8.25±	11.25	STREET CLOSURE? MAINTAIN TRAFFIC?
CITY	21	RAMP @ LAKEHURST DRIVE VIC LAKE MARINA AVE (WEST END AREA)	50' ROAD WITH 2' WIDE DIVIDER CURB, 4-LANES, 2-WAY TRAFFIC	60' BOTTOM ROLLER	6.75±	13.5	STORAGE MOUNTAIN ON EAST SIDE STREET CLOSURE? MAINTAIN TRAFFIC
OLB	22	RAMP @ PONTCHARTRAIN BLVD. (N. OF LAKE MARINA AVE.)	32' ROAD CURB TO CURB 2-LANES, 2-WAY TRAFFIC	30' SWING	9.5±	13.5	STORAGE COLUMN REQUIRED BY-PASS ROAD ON EAST SIDE

\* NOTE: THE ALTERNATIVE OF RAISING THIS RAMP IS UNDER PRESENT EVALUATION  
\*\* ELEVATIONS IN FEET NGVD