

Spangler Engineering, LLC

CONSULTING CIVIL ENGINEERS
214 S.W. RAILROAD AVENUE
P.O. BOX 1374
HAMMOND, LOUISIANA 70404

SHEET

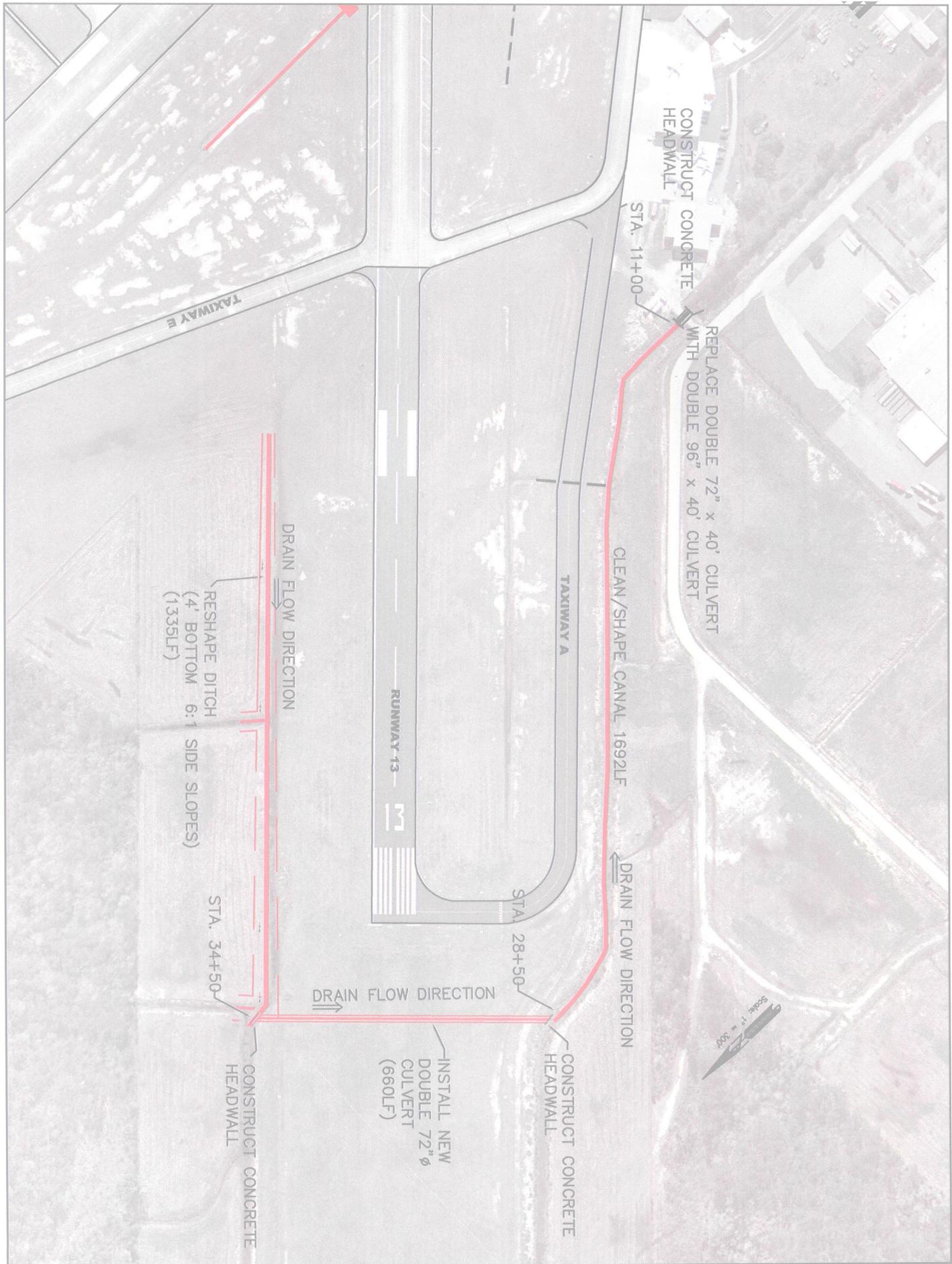
OF

**HAMMOND NORTHSORE
REGIONAL AIRPORT
DRAINAGE IMPROVEMENTS**

for the

**Tangipahoa Parish
VICINITY MAP**

SCALE: MTS
DATE: 11/20/20
DRAWE: GNA
CHEEDED: TGS



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HAMMOND, LOUISIANA 70404
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HAMMOND NORTHSHORE
REGIONAL AIRPORT
DRAINAGE STUDY
for the
CITY OF HAMMOND

NORTHWEST AREA
PHASE I

SCALE: 1" = 300'
DATE: 11/29/2012
DRAWN: GMM
CHECKED: TGS



SCALE: 1"-15'
DATE: 1/30/20
DRAWN: GWM
CHECKED: TCS

UPSTREAM END DBL 72" RCP

**HAMMOND NORTHSHORE REGIONAL AIRPORT
PHASE I DRAINAGE IMPROVEMENTS**

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32



PLAN VIEW
DOWNSTREAM END

CITY OF HAMMOND
DRAINAGE IMPROVEMENTS
PHASE I
REGIONAL AIRPORT
HAMMOND NORTHSIDE

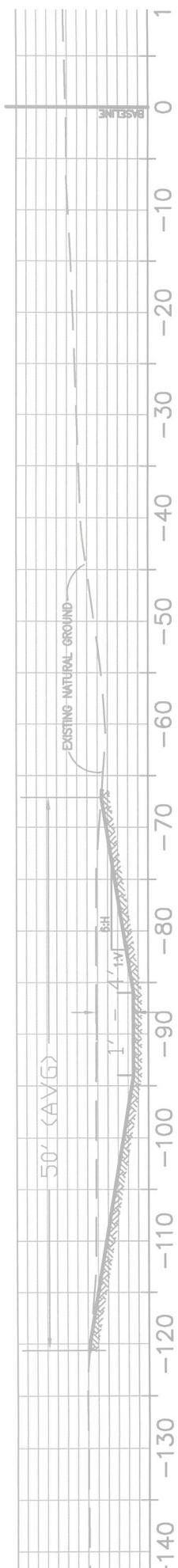
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24

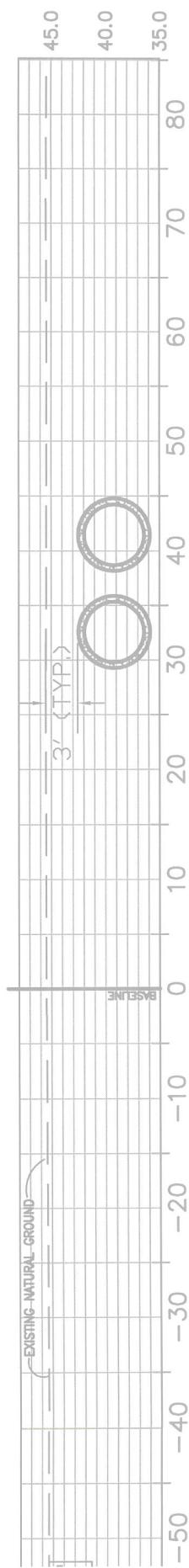
12" TAK PCC HEADWALL QUANTITY SUMMARY					
LOCATION	LENGTH	HEIGHT	TH	TOTAL PROJECTED AREA	NET LF (PFT)
DOWNTREAM (DSL. 72')	30'	8.0"	12"	270 SF	(56 SF) 214 SF
UPSTREAM (DSL. 72')	30'	8.0"	12"	240 SF	(56 SF) 184 SF
U/S HEADWALL (DSL. 72')	10'	8.0"	12"	80 SF	(0 SF) 80 SF
TOTAL	70'			590 SF	(112 SF) 478 SF

FOR CONSTRUCTION





TYPICAL SECTION C
STATION 34+50 TO STA 48+50



TYPICAL SECTION B
STATION 28+50 TO STA 34+50



TYPICAL SECTION A
STATION 11+00 TO STA 28+50