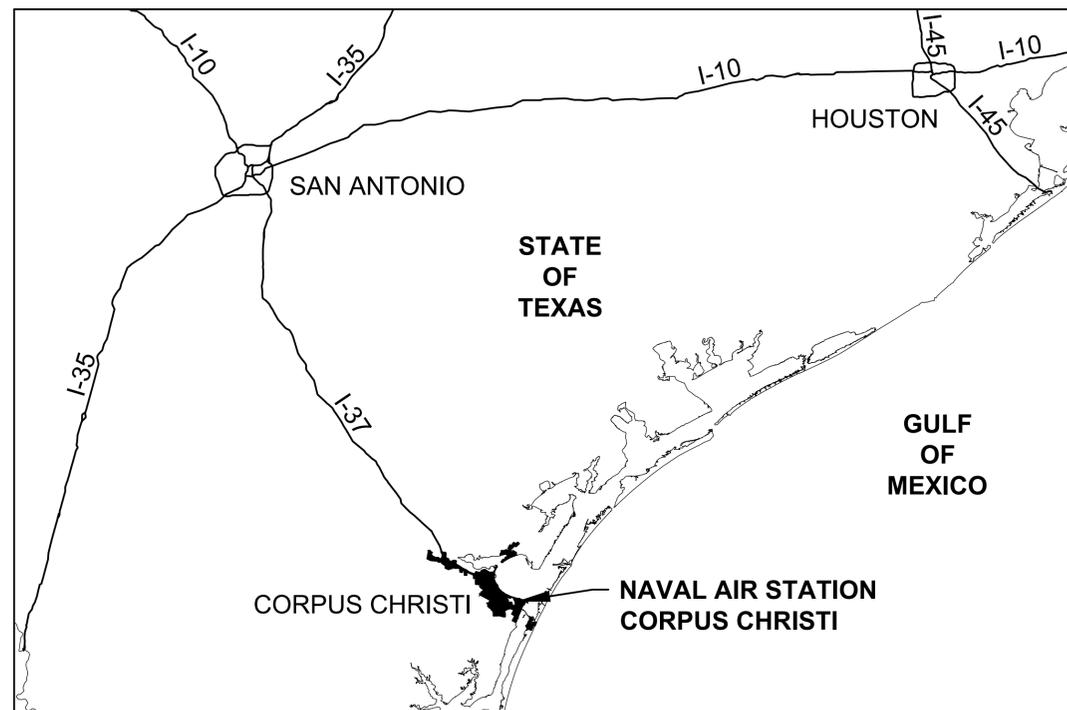


NAS CORPUS CHRISTI AIRFIELD REPAIRS

TAXILANE 'S'

NAVAL AIR STATION CORPUS CHRISTI
CORPUS CHRISTI, TEXAS



AREA MAP

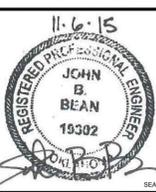
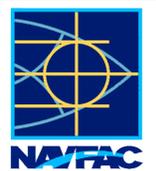


SITE MAP

**PROJECT LOCATION
TAXILANE 'S'**

**N69450-11-D-0071
ISSUE FOR BID
6 NOVEMBER 2015**

SYMBOL	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR BID	6 NOV 2015	



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

BES LRE DRW JMJ CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE 'S'
COVER SHEET

SCALE: AS NOTED

PROJECT NO.

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15098368

SHEET 1 OF 43

GI001

COMMANDER NAVFAC / B.L.T.L. -	XXX	IPT TECH. BRANCH HEAD -	XXX
IPT PROJECT MANAGER -	XXX		

DESIGN ARCHITECT -	XXX	DESIGN MECHANICAL -	XXX	DESIGN CIVIL -	XXX
DESIGN STRUCTURAL -	XXX	DESIGN ELECTRICAL -	XXX	DESIGN FIRE PROTECTION -	XXX

CHIEF ARCHITECT- RAYMOND RODRIGUEZ, R.A.	CHIEF MECHANICAL - STAN YEKALIS, P.E.	CHIEF CIVIL - ALBERT ROMERO, P.E.
CHIEF STRUCTURAL - KURT W. WITTMAN, P.E.	CHIEF ELECTRICAL - RAMÓN H. FLORES, P.E.	CHIEF FIRE PROTECTION-TAYLOR HUDSON, P.E.

FILE NAME: P:\CIVIL\6500-TULACM\2051134800-1NS_CCA_Repair\20_DESIGN\10_CAD_P\X\10_TMS\10_134800-10-0001.dwg LAYOUT: NME_Layout PLOTTED: Thursday, November 12, 2015 4:20pm USER: jacobsonjrz

FILE NAME: P:\CIVIL\1509-TULACM\2015114800-IMS_CCA_Repair\20_DESIGN\10_CAD_Plan\10_IMS\10_134800-10-01002.dwg LAYOUT NAME: Layout PLOTTED: Thursday, November 12, 2015 - 4:20pm USER: jcdesainj2

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CIVIL

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10	CD103	DEMOLITION PLAN SHEET 3 OF 3
11	CD401	ENLARGED DEMOLITON PLAN
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DATE	6 NOV 2015
ISSUED FOR BID	
SYN	
DESCRIPTION	



APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRW JMJ | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
 NAVAL AIR STATION JACKSONVILLE
 CIVIL CORE
 NAS CORPUS CHRISTI
 NAS CORPUS CHRISTI AIRFIELD REPAIRS
 TAXILANE 'S'
 INDEX SHEET

SCALE: AS NOTED

PROJECT NO.:

CONSTR. CONTR. NO.:

NAVFAC DRAWING NO. 15098369

SHEET 2 OF 43

GI002

DRAWFORM REVISION: 5 APRIL 2012

SURVEY NOTES

- HORIZONTAL COORDINATES AND ELEVATIONS ARE IN UNITED STATES SURVEY FEET. HORIZONTAL CONTROL IS BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM (SOUTH ZONE 4205), (NAD 1983). ELEVATIONS ARE IN FEET ABOVE SEA LEVEL USING THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
- HORIZONTAL AND VERTICAL DATUMS ARE BASED ON CONTROL POINTS PROVIDED BY CORPUS CHRISTI N.A.S. PUBLIC WORKS DEPT. POINTS USED WERE: "CCNAS 3", "CCNAS 4", "CCNAS 6" AND "CCNAS 8"
- THE AVERAGE COMBINED SCALE FACTOR FOR THE PROJECT IS: 0.9999713086
- LOCATION OF UNDERGROUND UTILITIES THAT COULD NOT BE FIELD LOCATED WERE TRANSFERRED FROM G.I.S. FILES PROVIDED BY CORPUS CHRISTI N.A.S. PUBLIC WORKS DEPT. OTHER UTILITIES MAY EXIST IN THE PROJECT AREA.
- THE SURVEY WAS PERFORMED BY NAISMITH ENGINEERING, INC. THIS SURVEY BEGAN ON JULY 15, 2015 AND WAS COMPLETED SEPTEMBER 15, 2015. SURVEY HAS BEEN SUPPLEMENTED WITH G.I.S. DATA PROVIDED BY CORPUS CHRISTI N.A.S. PUBLIC WORKS DEPARTMENT.

UNDERGROUND UTILITY NOTES:

- THE LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE.
- ALL UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED AND MARKED PRIOR TO EXCAVATION, BORING, PROBING OR DRILLING.
- THE LOCATION OF UNDERGROUND UTILITIES IS BASED ON SURFACE EVIDENCE AND/OR SURFACE STRUCTURES IN COMBINATION WITH INFORMATION PROVIDED TO THE SURVEYOR SUCH AS DESIGN AND/OR AS-BUILT DRAWINGS.
- NO EXCAVATION, PROBING, NOR OTHER FORM OF SUBSURFACE EXPLORATION WAS PERFORMED TO LOCATE OR VERIFY UNDERGROUND UTILITIES OR STRUCTURES.
- THE ACTUAL LOCATIONS OF UNDERGROUND UTILITIES AND/OR STRUCTURES MAY VARY FROM THE LOCATIONS SHOWN HEREON.
- ADDITIONAL UNDERGROUND UTILITIES AND/OR STRUCTURES MAY BE PRESENT; I.E. SOME UTILITIES AND/OR STRUCTURES MAY BE MISSING FROM THESE DRAWINGS.

BENCHMARKS AND CONTROL POINTS

<p>"BM1" FND. PK NAIL W/TAG N=17141318.59 E=1373525.07 ELEV=16.33</p>	<p>"BM 12" SET 1/2" CAPPED IRON PIN N=17140873.21 E=1376163.74 ELEV=15.50</p>
<p>"BM2" FND. PK NAIL W/TAG N=17141515.70 E=1373415.10 ELEV=16.56</p>	<p>"BM 15" SET 1/2" CAPPED IRON PIN N=17141178.26 E=1375526.33 ELEV=15.44</p>
<p>"BM 11" SET 1/2" CAPPED IRON PIN N=17141873.22 E=1376153.61 ELEV=16.30</p>	<p>"BM16" SET 1/2" capped iron pin N=17141168.34 E=1374526.56 ELEV=15.09</p>
<p>"CP 01" FD SQ CUT, 110, N=17142983.89 E=1379073.71 ELEV=12.74</p>	<p>"CP 02" S60D NAIL, 116, N=17146116.52 E=1371248.34 ELEV=2.71</p>
<p>"CP 03" FD X-MARK, 111, N=17142380.96 E=1378190.24 ELEV=14.34</p>	<p>"CP 04" S60D NAIL, 117, N=17146301.99 E=1371472.14 ELEV=4.25</p>

BENCHMARKS AND CONTROL POINTS ARE SHOWN ON THE MASTER SITE PLAN, SHEET GI100. THEY ARE ALSO SHOWN ON SPECIFIC PLAN SHEETS WHERE THEY OCCUR.

GENERAL NOTES

- THIS PROJECT IS COMPRISED OF APPLYING TWO COATS OF EMULSIFIED SEALER TO THE ENTIRE PORTION OF TAXILANE 'S' AS SHOWN ON THE PLANS, REPLACING THE TAXILANE STRIPING AND LIGHTING AND MODIFYING THE GATE AT OCEAN DRIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR RECONNOITERING THE SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO IDENTIFY ITEMS BEYOND THOSE SHOWN HEREIN WHICH REQUIRE PROTECTION. DAMAGE TO ITEMS CAUSED BY THE CONTRACTOR DURING CONSTRUCTION MUST BE REPAIRED AT HIS/HER EXPENSE AND IN A MANNER APPROVED BY THE CONTRACTING OFFICER.
- PROTECT ALL GOVERNMENT PROPERTY WITHIN THE PROJECT LIMITS. IN THE EVENT THAT DAMAGE IS INCURRED DURING THE PROJECT DURATION, PROVIDE A COMPARABLE REPLACEMENT OR REPAIR AT NO COST TO THE GOVERNMENT.
- TO ALLOW SUFFICIENT TIME FOR ISSUANCE OF REQUIRED ADVISORIES OF CLOSURE FOR THE AFFECTED RUNWAYS AND TAXIWAYS, THE CONTRACTING OFFICER MUST BE PROVIDED A MINIMUM OF THREE (3) WORKING DAYS ADVANCE NOTICE.
- THE EXISTENCE, SIZE AND/OR LOCATION OF UTILITIES ARE NOT GUARANTEED BY THIS SURVEY. FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. A DIG PERMIT MUST BE OBTAINED FROM THE CONTRACTING OFFICER PRIOR TO CONSTRUCTION. PRACTICE CAUTION WHILE PERFORMING DEMOLITION AROUND EXISTING UTILITIES TO REMAIN.
- COORDINATE ALL WORK WITH CONTRACTING OFFICER IN ORDER TO MINIMIZE THE IMPACT OF THIS PROJECT ON STATION OPERATIONS.
- MAINTAIN, BY SWEEPING, VACUUMING, AND/OR OTHER APPROVED MEANS, ACTIVE AIRFIELD PAVEMENT (RUNWAY, TAXIWAYS, AND PARKING APRONS BEING UTILIZED BY AIRCRAFT) AND HAUL ROUTES WITHIN THE NAVAL AIR STATION, FREE OF CONSTRUCTION MATERIALS, DIRT, ROCKS OR OTHER DEBRIS DURING THE LIFE OF THIS PROJECT. ALL TRUCKS MUST BE COVERED WHEN HAULING TO MINIMIZE HAZARD FROM FALLING OBJECTS.
- AREAS DISTURBED BY CONTRACTOR, WHICH ARE NOT PART OF THE PROJECT MUST BE RETURNED TO THEIR ORIGINAL OR IMPROVED CONDITIONS AT COMPLETION OF THE PROJECT.
- AT THE COMPLETION OF THIS PROJECT, THE AREAS UTILIZED FOR LAY-DOWN AND FOR CONSTRUCTION HAUL ROUTES MUST BE RETURNED TO THEIR ORIGINAL OR IMPROVED CONDITION. HAUL ROUTES AND LAY-DOWN AREAS MUST BE COORDINATED AND APPROVED BY THE CONTRACTING OFFICER.
- REMOVE DEBRIS/TRASH FROM THE STATION PROMPTLY AND DISPOSE OF AT AN OFF-STATION DUMP SITE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL AGENCIES LAWS AND REGULATIONS.
- TAKE APPROPRIATE MEASURES TO CONTROL DUST FROM EXITING THE WORK AREA.
- WATER IS AVAILABLE AT THE NASCC SKEET RANGE. CONTRACTOR IS RESPONSIBLE FOR TRANSPORTATION OF WATER TO THE JOB SITE. COORDINATE METERING, TRAVEL ROUTE AND OTHER LOGISTICAL ISSUES WITH THE CONTRACTING OFFICER.
- THE GOVERNMENT WILL NOT PROVIDE SEWER SERVICE. COORDINATE WASTE DISPOSAL PLAN INCLUDING METHOD AND TRAVEL ROUTE WITH THE CONTRACTING OFFICER.
- UNLESS OTHERWISE INDICATED, ALL PAVEMENT STRIPING TO BE IAW FAA ADVISORY CIRCULAR 150/5340, (CURRENT EDITION AT TIME OF BID) NAVAIR 51-50 AAA LATEST EDITION AND SPECIFICATION 32 17 23.
- WHERE APPLICABLE, FOR STABILIZATION PURPOSES, A MINIMUM 15-FOOT WIDE STRIP OF BERMUDA SOD TO BE PLACED ADJACENT TO ALL NEW AND DISTURBED PAVEMENT. ALL NON-PAVED AREAS DISTURBED DURING CONSTRUCTION MUST BE SODDED. SEE SPECIFICATION 32 92 23.
- TEMPORARY BENCHMARKS ARE LOCATED THROUGHOUT THE PROJECT AND ARE LISTED ON THIS SHEET. SEE BENCHMARKS AND CONTROL POINTS TABLE.
- EXISTING STRIPING SHOWN ON THESE PLANS WAS LOCATED USING A COMBINATION OF FIELD SURVEY, CONSTRUCTION PLANS AND AERIAL PHOTOGRAPHY AND THEIR EXACT LOCATION MAY VARY.
- IF DAMAGE OCCURS TO EXISTING SEAL DUE TO HIGH PRESSURE PAINT REMOVAL OPERATIONS, REPAIR THE SEAL AS DIRECTED.
- EXISTING PAVEMENT TO BE DEMOLISHED AS SHOWN ON SHEETS CD101 - CD103 TO BE SAWCUT FULL-DEPTH WITH THE REMAINING PAVEMENT PROTECTED.
- INSTALL SILT FENCE AROUND THE PERIMETER OF THE PROJECT SITE. INSTALL SILT FENCE WITH STRAW BALES AROUND ALL INLETS.
- DEMOLISHED AND/OR MILLED ASPHALT CAN BE USED TO STABILIZE HAUL ROADS, OR PLACED AS DIRECTED BY THE CONTRACTING OFFICER IN AREAS NEAR OR ON THE AIRFIELD, AT A MAXIMUM OF ONE MILE IN DISTANCE. THE REMAINDER WILL BECOME PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE INSTALLATION.
- NO DEMOLITION SHALL OCCUR OUTSIDE OF PROPOSED LIMITS OF DISTURBANCE/LIMIT OF WORK.

GENERAL NOTES (CONTINUED)

- FIELD VERIFY EXACT AREA OF EXISTING ASPHALT AND CONCRETE PAVEMENT TO BE REMOVED.
- REMOVE EXISTING STRIPING WITHIN THE LIMITS OF STRIPING REMOVAL ON THE EXISTING PAVEMENT THAT IS TO REMAIN. REMOVE EXISTING STRIPING PER SPECIFICATION SECTION 32 01 11.51.
- INADVERTENTLY DAMAGED ITEMS THAT ARE TO REMAIN SHALL BE, AT THE DISCRETION OF THE CONTRACTING OFFICER, EITHER REPAIRED TO PRESENT CONDITION OR BETTER, OR REPLACED ENTIRELY. REPAIR/REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.
- PRIOR TO APPLICATION OF SEAL COAT, CLEAN AND SEAL CRACKS PER DETAILS ON C-503 AND PER SPECIFICATION 32 01 17.16. CRACKS TO BE SEALED TO BE APPROVED BY THE CONTRACTING OFFICER.
- MAINTAIN THE HAUL ROUTES FREE OF DEBRIS BY SWEEPING A MINIMUM OF DAILY OR AS NEEDED TO ENSURE DEBRIS DOES NOT MIGRATE OUTSIDE OF THE HAUL ROUTE LIMITS. THE CONTRACTING OFFICER MAY, AT HIS/HER DISCRETION, REQUIRE MORE FREQUENT SWEEPING ACTIVITY IF IT IS DEEMED THAT DEBRIS IS POSING A SAFETY THREAT TO OPERATIONAL AIRCRAFT.
- CONTRACTOR PERSONNEL SHALL NOT UTILIZE PERSONALLY OWNED VEHICLES (POV) ON THE AIRFIELD. ALL POV'S SHALL BE PARKED IN A DESIGNATED AREA WHILE ON NAS CORPUS CHRISTI. ONLY MARKED, COMPANY REGISTERED AND LICENSED VEHICLES WILL BE PERMITTED ON THE AIRFIELD AND ONLY FOR THE PURPOSE OF ACCOMPLISHING WORK.
- THE CONTRACTOR STAGING AREAS ARE TO BE GRADED SMOOTH AND STABILIZED WITH PAVEMENT MILLINGS AT THE END OF THE PROJECT. EXCESS TOPSOIL SHALL BE STRIPPED AND DEPOSITED IN AN AREA ON THE AIRFIELD DESIGNATED BY THE CONTRACTING OFFICER AND STABILIZED WITH SEED AND MULCH.
- CONCRETE JOINTS:
 - THE MINIMUM CLEARANCE BETWEEN DOWELS OF ADJACENT JOINTS SHALL BE 2 INCHES.
 - DETERMINE FINAL NUMBER OF REQUIRED DOWELS AND VERIFY DOWEL SPACING PRIOR TO PLACING CONCRETE. DOWEL AND TIE BAR PLACEMENT TO CONFORM TO SPECIFICATION SECTION 32 13 11.
 - DO NOT BEGIN REPLACEMENT OF EXISTING JOINT SEALS UNTIL ALL EXISTING PAVEMENT MARKINGS HAVE BEEN REMOVED TO THE SATISFACTION OF THE GOVERNMENT.
 - LENGTH TO WIDTH RATIOS SHALL NOT EXCEED 1.25 FOR NON-REINFORCED CONCRETE.
 - JOINT TYPE AND LOCATIONS ARE BASED ON UFC 3-260-02.
- PAVEMENT THICKNESS SHOWN IN THESE PLANS HAS BEEN TAKEN FROM AVAILABLE AS-BUILT DRAWINGS AND THE "AIRFIELD PAVEMENT CONDITION SURVEY," SSR-NAVAC SE-CI-1302, PERFORMED BY THE AIRFIELD PAVEMENT EVALUATION TEAM DURING APRIL 2013. CONSTRUCT PAVEMENT THICKNESS AS SHOWN IN THE PLANS OR MATCH EXISTING THICKNESS, WHICHEVER IS GREATER.

LEGEND

	EXISTING ELECTRIC SWITCH		EXISTING ASPHALT TO BE DEMOLISHED
	EXISTING ELECTRIC MANHOLE		EXISTING CONCRETE TO BE DEMOLISHED
	EXISTING ELECTRIC PULL BOX		ASPHALT PAVEMENT TO REMAIN AND SEALCOATED
	EXISTING GROUND LIGHT		FULL DEPTH ASPHALT
	EXISTING VERTICAL RUNWAY LIGHT		SOD SHOULDER
	EXISTING FLUSH RUNWAY LIGHT		CONCRETE
	EXISTING ELECTRIC VAULT		EXISTING MAJOR CONTOUR
	EXISTING SIGN		EXISTING MINOR CONTOUR
	EXISTING GRATE INLET		MAJOR CONTOUR
	EXISTING DRAINAGE MH WITH GRATE		MINOR CONTOUR
	EXISTING CONCRETE		EXISTING STORM DRAIN
	EXISTING EDGE OF CONCRETE		EXISTING UG ELECTRIC
	EXISTING EDGE OF PAVEMENT		EXISTING WATER
	EXISTING EDGE OF ROAD		INSTALL SILT FENCE WITH STRAW BALES (TYP.)
	EXISTING FENCE		LIMITS OF STRIPING REMOVAL
	EXISTING SPOT ELEVATION		FULL DEPTH SAW CUT.
	EXISTING PAINT STRIPE		CIVIL LIMITS OF DISTURBANCE / LIMIT OF WORK
	LIGHT (SEE ELECTRICAL PLANS)		EXISTING JOINT
	LIGHT (SEE ELECTRICAL PLANS)		JOINT IN CONCRETE
	PULLCAN (SEE ELECTRICAL PLANS)		CONTRACTION JOINT IN EXISTING CONCRETE
	CAPPED IRON PIN		
	PK NAIL		
	MONUMENT		
	BENCHMARK / CONTROL POINT		

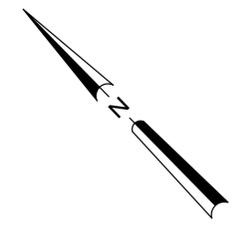
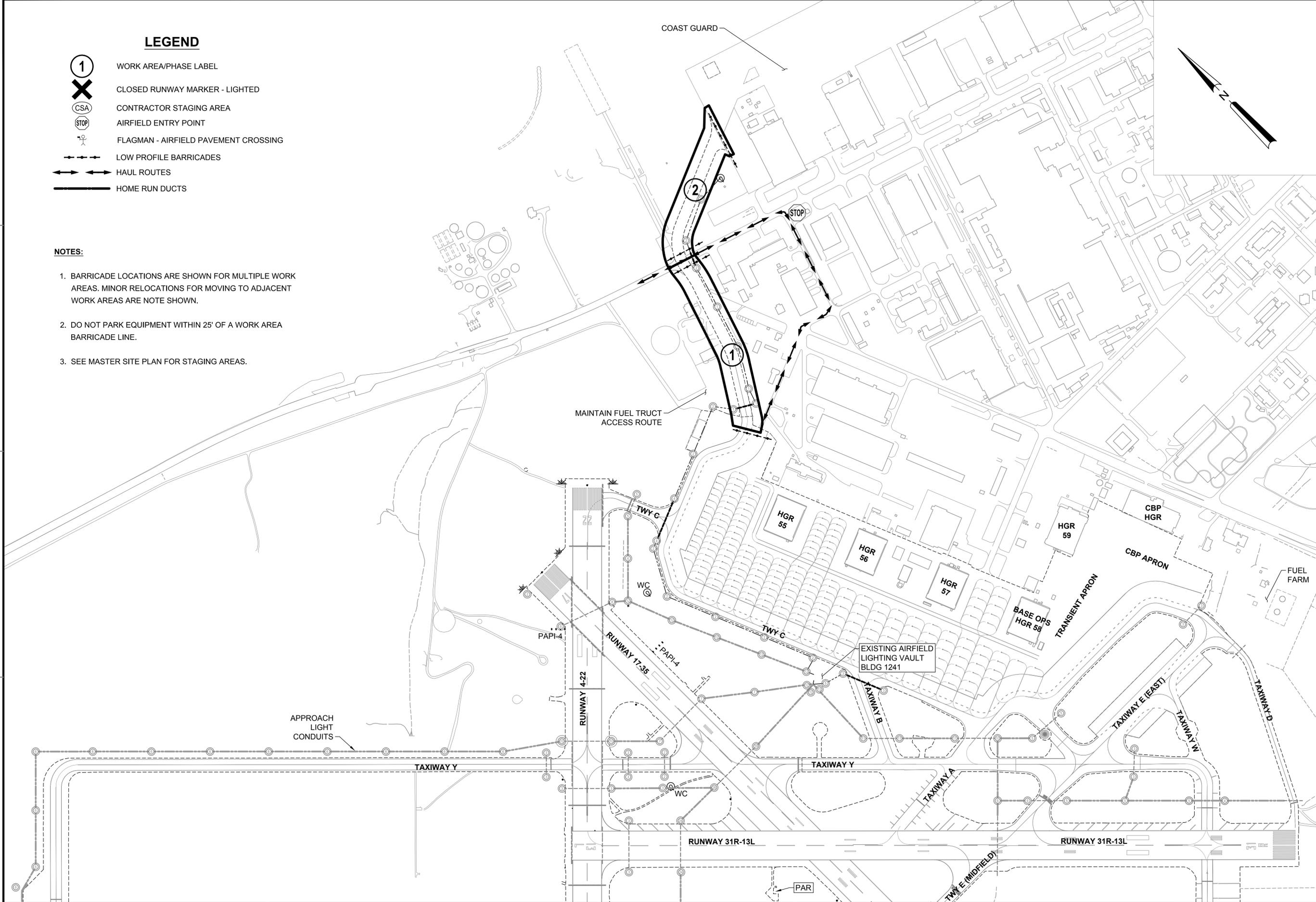
DATE	6 NOV 2015
ISSUED FOR BID	0
DESCRIPTION	
SYN	
APPROVED FOR COMMANDER NAVFAC ACTIVITY	
SATISFACTORY TO DATE	
DES	LRE
DRW	JMJ
CHK	SMS
PM / DM	
BRANCH MANAGER	
CHIEF ENG / ARCH	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE CORPUS CHRISTI, TEXAS NAS CORPUS CHRISTI AIRFIELD REPAIRS TAXILANE 'S' CIVIL GENERAL NOTES AND LEGEND	
SCALE:	AS NOTED
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVAC DRAWING NO.:	15098370
SHEET	3 OF 43
GI003	
DRAWING REVISION: 5 APRIL 2012	

FILE NAME: P:\CIVIL\1509-TUL-CIV\2015134800-NAIS_CCA-Report\20_DESIGN\10_CAD_Plan\10_TMS\G103.dwg LAYOUT NAME: Layout PLOTTED: Thursday, November 12, 2015 - 4:20pm USER: jacobshjr2

LEGEND

- 1 WORK AREA/PHASE LABEL
- X CLOSED RUNWAY MARKER - LIGHTED
- CSA CONTRACTOR STAGING AREA
- STOP AIRFIELD ENTRY POINT
- FLAGMAN - AIRFIELD PAVEMENT CROSSING
- LOW PROFILE BARRICADES
- HAUL ROUTES
- HOME RUN DUCTS

- NOTES:**
1. BARRICADE LOCATIONS ARE SHOWN FOR MULTIPLE WORK AREAS. MINOR RELOCATIONS FOR MOVING TO ADJACENT WORK AREAS ARE NOTE SHOWN.
 2. DO NOT PARK EQUIPMENT WITHIN 25' OF A WORK AREA BARRICADE LINE.
 3. SEE MASTER SITE PLAN FOR STAGING AREAS.



FILE NAME: N:\14072\04 CAD\10-TAXIWAY S\14580-10-0004.dwg PLOTTED: Wednesday, November 11, 2015 - 10:10am USER: mm

					ISSUED FOR BID	6 NOV 15	DATE
					0		DESCRIPTION
<small>APPROVED FOR COMMANDER NAVFAC</small> <small>SATISFACTORY TO DATE</small> <small>DES EFC DRW MRM CHK JMM</small> <small>PROJECT MANAGER</small> <small>PT TECH BRANCH HEAD</small> <small>CHIEF ENGINEER (CORE)</small>							
<small>DEPARTMENT OF THE NAVY</small> <small>NAVAL FACILITIES ENGINEERING COMMAND</small> <small>NAVAL AIR STATION JACKSONVILLE</small> <small>CORPUS CHRISTI, TEXAS</small> NAS CORPUS CHRISTI AIRFIELD REPAIRS TAXILANE S <small>PHASING LAYOUT</small>							
<small>SCALE: 1" = 30'</small> <small>PROJECT NO:</small> <small>CONSTR. CONTR. NO.</small> <small>NAVFAC DRAWING NO:</small> 15098371 <small>SHEET 4 OF 43</small> GI004 <small>DRAWING REVISION: 5 APRIL 2012</small>							

FILE NAME: N:\14072\04 CAD\10-TAXIWAY S\14072-10-0005.dwg LAYOUT NAME: G005 PLOTTED: Wednesday, November 11, 2015 - 10:10am USER: mm

GENERAL PHASING NOTES

1. THIS PROJECT WILL BE CONDUCTED DURING ACTIVE AIRCRAFT OPERATIONS INCLUDING STUDENT TRAINING. STRICT COMPLIANCE TO THE PHASING PLAN AND RESTRICTIONS IS REQUIRED.
2. TAXILANE AND APRON WORK AREAS MUST BE CLOSED TO AIRCRAFT FOR EACH WORK PERIOD. THE EDGE LIGHTS ON CLOSED AREAS MUST BE DEACTIVATED.
3. WORK OFF PAVEMENT AND OUTSIDE OF RUNWAY SHOULDER LIMITS-275' FROM FROM RUNWAY CENTERLINE, & TAXIWAY WINGTIP CLEARANCE LIMITS-75' FROM TAXIWAY/TAXILANE CENTERLINE CAN BE CONDUCTED DURING THE ENTIRE PROJECT DURATION IF NO OPERATIONAL IMPACT IS REQUIRED. ACTIVE HAULING ACROSS TAXIWAYS REQUIRES FLAGMEN AND SWEEPER/VACUUMS TO PREVENT FOD.
4. CLOSED TAXIWAYS MUST BE BARRICADED WITH LOW PROFILE WATER FILLED AND LIGHTED AVIATION BARRICADES. BARRICADES MAY BE RELOCATED AND REUSED.
5. SEE PLANS FOR MINIMUM CLEARANCE DISTANCES FROM OPEN TAXIWAYS.
6. ACCESS TO THE RUNWAYS MUST BE MAINTAINED AT ALL TIMES FOR US COAST GUARD AND USCBP AIRCRAFT. CLOSURE OF TAXILANE S FOR ANY DURATION IN WHICH A 50' WIDE PAVED TAXILANE AND 130' WIDE WING TIP CLEARANCE CANNOT BE PROVIDED REQUIRES A MINIMUM 72 HOUR ADVANCE NOTICE & APPROVAL OF THE CONTRACTING OFFICER.
7. THE DURATIONS SHOWN FOR EACH WORK AREA ARE APPROXIMATE UNLESS NOTED AS A MAXIMUM OR REQUIRED MILESTONE TIME PERIOD.

WORK AREA NOTES

1. AIRFIELD IMPACTS SUMMARY. THESE FACILITIES WILL BE IMPACTED DURING THE SUBPROJECT.
2. WORK AREA DESCRIPTIONS

WORK AREA 1: TAXILANE S SOUTH (TAXILANE S SOUTH OF ROAD INTERSECTION TO MAIN APRON.

IMPACTS: TAXILANE S OBSTRUCTED TEMPORARILY. CONTRACTOR MUST MAINTAIN A 50' WIDE TAXILANE PAVEMENT SURFACE OUTLINED WITH LIGHTED BARRICADES AND 130' WIDE WINGTIP CLEARANCE FOR AIRCRAFT TAXIING WITH FIVE MINUTES ADVANCE NOTICE.

WORK: PAVEMENT REPAIRS, RECONFIGURE LIGHTING AND STRIPING.
DURATION: 20 DAYS

WORK AREA 2: TAXILANE S NORTH (TAXILANE S NORTH OF ROAD INTERSECTION TO COAST GUARD APRON AND SEAWALL)

IMPACTS: TAXILANE S OBSTRUCTED TEMPORARILY. CONTRACTOR MUST MAINTAIN A 50' WIDE TAXILANE PAVEMENT SURFACE OUTLINED WITH LIGHTED BARRICADES AND 130' WIDE WINGTIP CLEARANCE FOR AIRCRAFT TAXIING WITH FIVE MINUTES ADVANCE NOTICE.

WORK: PAVEMENT REPAIRS, RECONFIGURE LIGHTING AND STRIPING.
DURATION: 20 DAYS

SUBPROJECT PHASING NOTES

1. THIS SUBPROJECT INVOLVES REPAIR AND RECONFIGURATION OF THE TAXILANE S. THE WORK INCLUDES TAXILANE S STRIPING.
2. AT ALL TIMES ACCESS TO THE RUNWAYS MUST NOT BE BLOCKED FOR THE USCG AIRCRAFT ON TAXILANE S. A MINIMUM 130' WIDE CLEAR AND MARKED TAXILANE IS REQUIRED DURING WORK PROVIDE ACCESS TO THE RUNWAYS FOR OPERATIONAL MISSIONS.
3. THE CONTRACTOR MUST PROVIDE A PRODUCTION SCHEDULE PRIOR TO THE START OF THIS PROJECT TO IDENTIFY THE INTENDED SEQUENCE AND DURATION OF EACH WORK AREA.
4. CONTRACTOR MUST NOT CROSS ACTIVE RUNWAYS DURING THIS PROJECT. ACTIVE TAXIWAY AND TAXILANE CROSSINGS REQUIRE A TRAINED RADIO EQUIPPED FLAGMAN AND SWEEPER/VACUUM TRUCK DURING ALL HAULING OPERATIONS.
5. THE CONTRACTOR MUST USE A SINGLE GATE FOR ACCESS TO THE AIRFIELD WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND/OR IMPROVING THE ACCESS ROAD AS NECESSARY TO SUPPORT CONSTRUCTION TRAFFIC FOR THE DURATION OF THE PROJECT. IF PERMITTED FOR USE BY THE CONTRACTING OFFICER, PORTIONS OF THE ROUTE RESIDING ON PAVEMENT MUST BE DELINEATED WITH WATER-FILLED, LOW PROFILE BARRICADES ON EITHER SIDE OF THE ROUTE AND SPACED NO MORE THAN 50-FEET ON CENTER. BARRICADES MUST BE LIT DURING NIGHT OPERATIONS TO PREVENT CONSTRUCTION VEHICLES FROM TRAVELING OUTSIDE OF THE DELINEATED ROUTE. THESE BARRICADES MUST BE ORANGE/WHITE AND MEET THE REQUIREMENTS OF FAA ADVISORY CIRCULAR 150-5730-2E.
6. THE CONTRACTOR MUST MAINTAIN THE HAUL ROUTE FREE OF DEBRIS BY SWEEPING A MINIMUM OF ONCE PER WEEK OR AS NEEDED TO ENSURE DEBRIS DOES NOT MIGRATE OUTSIDE OF THE HAUL ROUTE LIMITS. THE CONTRACTING OFFICER MAY, AT HIS/HER DISCRETION, REQUIRE MORE FREQUENT SWEEPING ACTIVITY IF IT IS DEEMED THAT DEBRIS IS PRESENTING A SAFETY HAZARD TO OPERATIONAL AIRCRAFT.
7. CONTRACTOR PERSONNEL MUST NOT UTILIZE PERSONALLY OWNED VEHICLES (POV) ON THE AIRFIELD. ALL POV'S MUST BE PARKED IN A DESIGNATED AREA WHILE ON NAS CORPUS CHRISTI. ONLY MARKED, COMPANY REGISTERED AND LICENSED VEHICLES WILL BE PERMITTED ON THE AIRFIELD AND ONLY FOR THE PURPOSE OF ACCOMPLISHING THE WORK.
8. SEE CLOSURE MARKER AND BARRICADE SCHEDULE FOR LOCATION AND APPLICABLE WORK AREA INFORMATION.
9. THE CONTRACTOR STAGING AREAS MUST BE GRADED SMOOTH AND STABILIZED WITH PAVEMENT MILLINGS AT THE END OF THE PROJECT. EXCESS TOPSOIL MUST BE STRIPPED AND DEPOSITED IN AN AREA ON THE AIRFIELD DESIGNATED BY THE CONTRACTING OFFICER AND STABILIZED WITH SEED AND MULCH.

DATE	ISSUED FOR BID	DESCRIPTION
6 NOV 15	0	



APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
SATISFACTORY TO DATE
DES EFC DRW MRM CHK JMM
PROJECT MANAGER
IPT TECH BRANCH HEAD
CHIEF ENGINEER (CORE)

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL AIR STATION JACKSONVILLE
 NAS CORPUS CHRISTI
 NAS CORPUS CHRISTI AIRFIELD REPAIRS
 TAXILANE S
 PHASING NOTES

SCALE:	1" = 30'
PROJECT NO.:	
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	15098372
SHEET	5 OF 43
GI005	

1

2

3

4

5

D

C

B

A

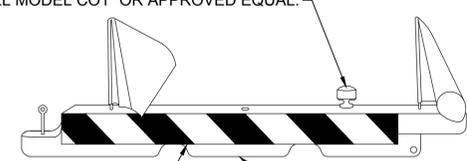
D

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B

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PROVIDE & MOUNT TWO FLASHING OR STEADY BURNING RED BATTERY SOLAR POWERED LIGHTS PER BARRICADE. "OFF THE WALL MODEL CO1" OR APPROVED EQUAL.



REFLECTIVE MATERIAL, ORANGE FLUORESCENT AND WHITE FLUORESCENT STRIPES (BOTH SIDE).

BARRICADES MUST BE "OFF THE WALL MODEL AR 10x96 HDPE" OR APPROVED EQUAL.

1 WATER FILLED AVIATION BARRICADE DETAIL
SCALE: NTS

NOTES:

1. BARRICADES TO BE SPACED A MAXIMUM OF 25' APART, UNLESS SPECIFIED OTHERWISE.
2. BARRICADES MUST BE FILLED WITH WATER TO ADEQUATELY WITHSTAND HIGH WINDS AND/OR JET BLAST.
3. THE CONTRACTOR MUST MAKE FREQUENT INSPECTION OF THE BARRICADES AND MAKE PROMPT REPAIRS AS NECESSARY.
4. LIGHTS AND FLAGS MUST BE INSPECTED AND OPERATING EVERY NIGHT PRIOR LEAVING THE SITE.
5. FLAGS ALTERNATING ORANGE AND WHITE TWENTY INCHES (20") SQUARE, AND SECURELY FASTENED TO BARRICADE TO PREVENT FOD.
6. BARRICADE MUST BE PROVIDE AS THE FIRST ITEM OF WORK.

DATE	DESCRIPTION	BY	APPR.
6 NOV 15	ISSUED FOR BID	0	



APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE
DES EFC | DRW MRM | CHK JMM

PROJECT MANAGER
IPT TECH. BRANCH HEAD
CHIEF ENGRARCH (CORE)

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE S
PHASING DETAILS

SCALE: 1" = 30'

EPROJCT NO:
CONSTR. CONTR. NO.

NAVFAC DRAWING NO:
15098373

SHEET 6 OF 43

GI006
DRAWFORM REVISION: 5 APRIL 2012

CONTRACTOR HAUL ROUTE FOR TAXILANE S. COORDINATE DELIVERY TIMES AND DATES IN ADVANCE WITH CONTRACTING OFFICER.

CONTRACTOR LAYDOWN AREA

COAST GUARD

NORTH GATE

OCEAN DRIVE

GATE 12

GATE 13

RUNWAY CLEAR ZONE 1

FIRE PIT

TAXIWAY Y

AIRFIELD LIGHTING VAULT BLDG. 1241

CONSTRUCT TEMPORARY HAUL ROUTE TO TAXILANE S WORK AREA. REMAIN CLEAR OF RUNWAY 22 END CLEAR ZONE 1

"CP 04"

"CP 02"

TWY C

55

56

57

59

MAIN APRON

"CP 03"

USCBP

BASE OPS

1ST STREET

RUNWAY 17 / 35

TAXIWAY A

TAXIWAY E

TWY W

LEXINGTON DRIVE

RUNWAY 4 / 22

RUNWAY 13R / 31L

RUNWAY 13L / 31R

TAXIWAY Z

TAXIWAY D

"BM 2"

"BM 1"

"BM 16"

"BM 15"

"BM 12"

TACAN

GATE 19

MAIN GATE

STOP

GATE 7

FLOUR BLUFF DRIVE

NAS DRIVE



NOTES:

- REFER TO SHEET NO. G1003 FOR GENERAL NOTES, LEGEND AND BENCHMARK/CONTROL POINT DATA.
- STABILIZE AND GRADE CONSTRUCTOR LAY DOWN AREA AND RETURN THESE AREA TO PRE-CONSTRUCTION CONDITIONS OR BETTER AFTER COMPLETION OF THE CONSTRUCTION
- REFER TO SHEET G1005 FOR AIRFIELD PHASING PLAN

LEGEND

- CONTRACTOR HAUL ROUTE
- GUARDED AIRFIELD ENTRY POINT



FILE NAME: P:\CIVIL\1509-TULACV\2015134800_LMS_CCA_Repair\20_DESIGN\10_CAD_Plan\10_TMS\10_CAD_Plan\10_CAD_Plan\10_CAD_Plan.dwg LAYOUT NAME: Layout PLOTTED: Thursday, November 12, 2015 - 4:21pm USER: jacobsonr2

SYMBOL	DESCRIPTION	DATE
0	ISSUED FOR BID	6 NOV 2015



LEIDOS ENGINEERING, LLC
ONE WEST 3RD ST.
TULSA, OK 74103



Delta Project No. 14072-AC-010

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

BES LRE DRW MJM CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST

NAVAL AIR STATION JACKSONVILLE

CORPUS CHRISTI, TEXAS

NAS CORPUS CHRISTI

TAXILANE 'S'

MASTER SITE PLAN

SCALE: AS NOTED

PROJECT NO.:

CONSTR. CONTR. NO.:

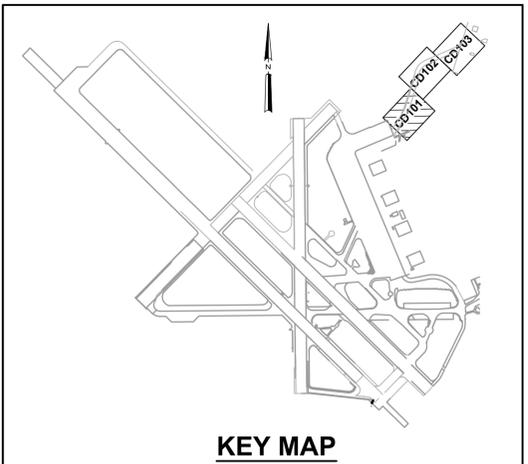
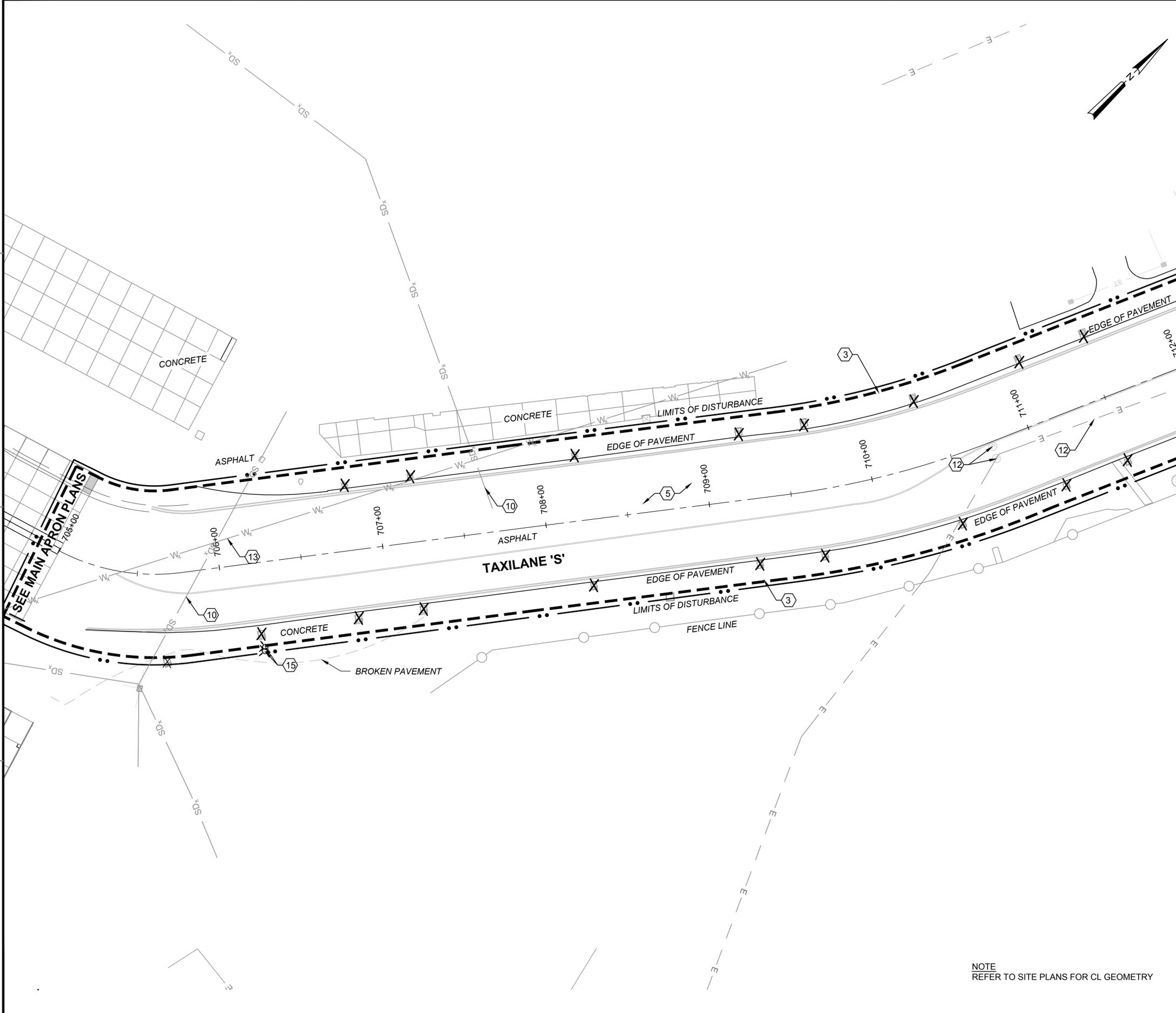
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SHEET 7 OF 43

G100

DRAWING REVISION: 5 APRIL 2012

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- DEMOLITION NOTES:**
1. SEE SHEET NO. G1003 FOR GENERAL NOTES AND LEGEND.
 2. INADVERTENTLY DAMAGED ITEMS THAT ARE TO REMAIN SHALL BE, AT THE DISCRETION OF THE CONTRACTING OFFICER, EITHER REPAIRED TO PRESENT CONDITION OR BETTER, OR REPLACED ENTIRELY. REPAIR/REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.

- KEY NOTES:**
- ③ LIMITS OF STRIPING REMOVAL. REMOVE ALL STRIPING WITHIN LIMITS OF PAVEMENT TO RECEIVE SEAL COAT. REMOVE EXISTING STRIPING IAW SPECIFICATION SECTION 32 01 11.51. SEE SITE PLAN FOR SEAL COAT LIMITS
 - ⑤ EXISTING ASPHALT TO REMAIN (TYP.) PROTECT ACC PAVEMENT TO REMAIN. INADVERTENTLY DAMAGED ACC PAVEMENT TO BE REPAIRED TO EXISTING CONDITION OR BETTER. REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.
 - ⑩ EXISTING STORM DRAIN TO REMAIN. INSTALL SILT FENCE WITH STRAW BALES AROUND ALL INLETS. (TYP.)
 - ⑫ PROTECT EXISTING LIGHTS AND ELECTRICAL FACILITIES. SEE ELECTRICAL PLANS FOR MORE INFORMATION.
 - ⑮ TRAFFIC LIGHT(S) TO REMAIN. DO NOT DISTURB.
- X LIGHTS TO BE REMOVED AND REPLACED IN THE SAME LOCATION. SEE ELECTRICAL PLANS FOR MORE INFORMATION.

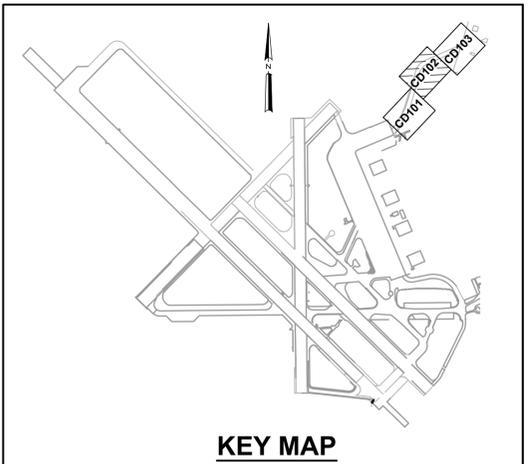
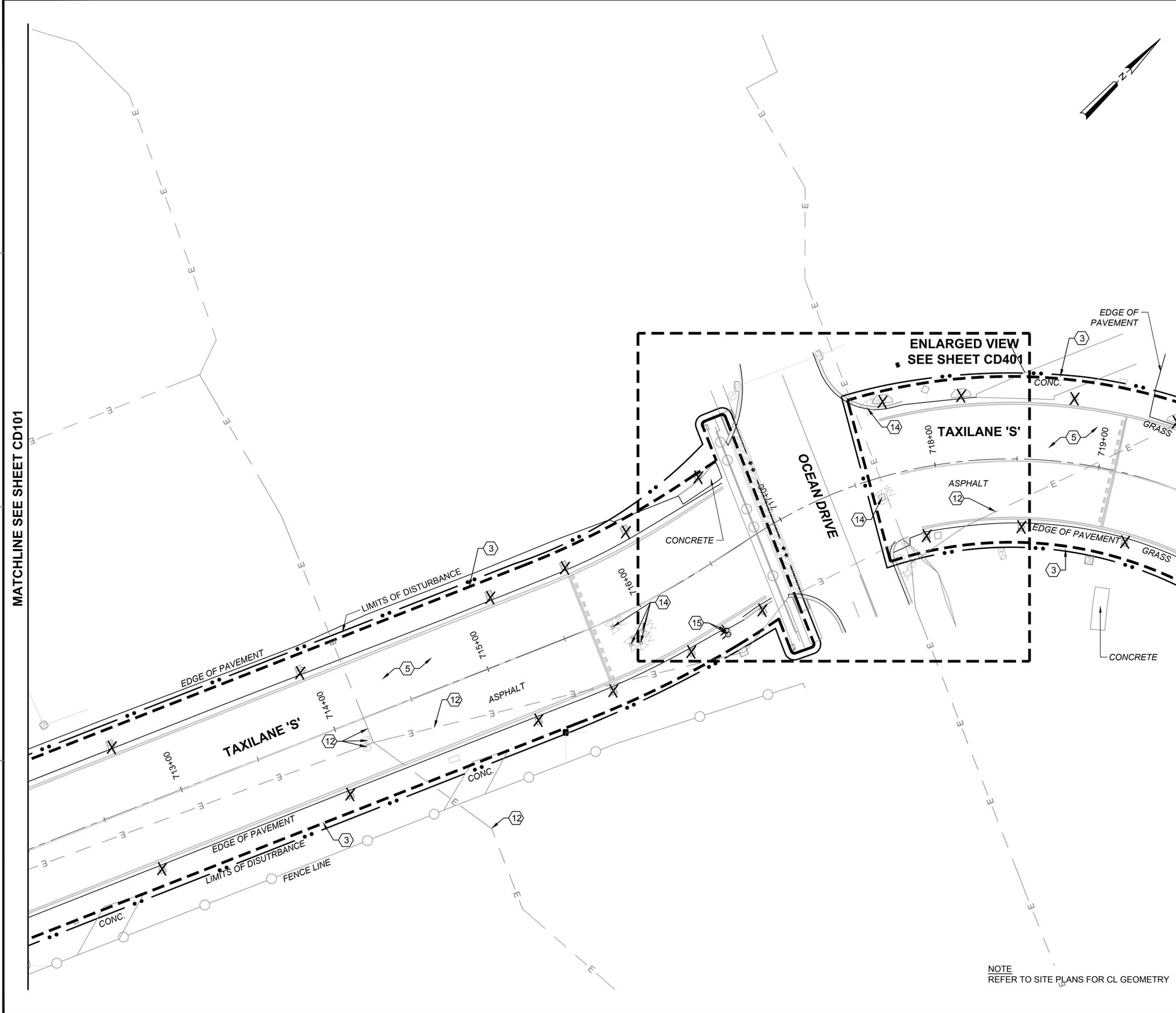
MATCHLINE SEE SHEET CD102

NOTE
REFER TO SITE PLANS FOR CL GEOMETRY



	DATE 6 NOV 2015
	ISSUED FOR BID
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APPROVED FOR COMMANDER NAVFAC	
ACTIVITY	
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DES LRE DRW JMU CHK SMS	
PM / DM	
BRANCH MANAGER	
CHIEF ENG / ARCH	
FIRE PROTECTION	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL AIR STATION JACKSONVILLE NAS CORPUS CHRISTI, TEXAS	DEMOLITION PLAN SHEET 1 OF 3
SCALE: AS NOTED	
PROJECT NO.:	
CONSTR. CONTR. NO.:	
NAVFAC DRAWING NO. 15098375	
SHEET 8 OF 43	
CD101	
<small>DRAWFORM REVISION: 5 APRIL 2012</small>	

FILE NAME: P:\E\1650-TUL\CDW\2015114800_001\134800-10-0102.dwg LAYOUT NAME: Layout PLOTTED: Monday, November 16, 2015 - 12:36pm USER: alimans



- DEMOLITION NOTES:**
- SEE SHEET NO. G1003 FOR GENERAL NOTES AND LEGEND.
 - INADVERTENTLY DAMAGED ITEMS THAT ARE TO REMAIN SHALL BE, AT THE DISCRETION OF THE CONTRACTING OFFICER, EITHER REPAIRED TO PRESENT CONDITION OR BETTER, OR REPLACED ENTIRELY. REPAIR/REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.

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 - ⑮ TRAFFIC LIGHT(S) TO REMAIN. DO NOT DISTURB.
 - X LIGHTS TO BE REMOVED AND REPLACED IN THE SAME LOCATION. SEE ELECTRICAL PLANS FOR MORE INFORMATION.

NOTE
REFER TO SITE PLANS FOR CL GEOMETRY



DATE	6 NOV 2015
ISSUED FOR BID	0
DESCRIPTION	

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WWW.DELTAIRPORTCONSULTANTS.COM
Delta Project No. 14072_AE-INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRW JMJ | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE 'S'

DEMOLITION PLAN SHEET 2 OF 3

SCALE: AS NOTED

PROJECT NO:

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
15098376

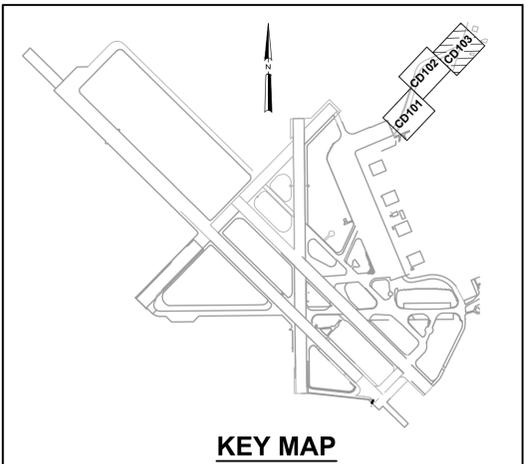
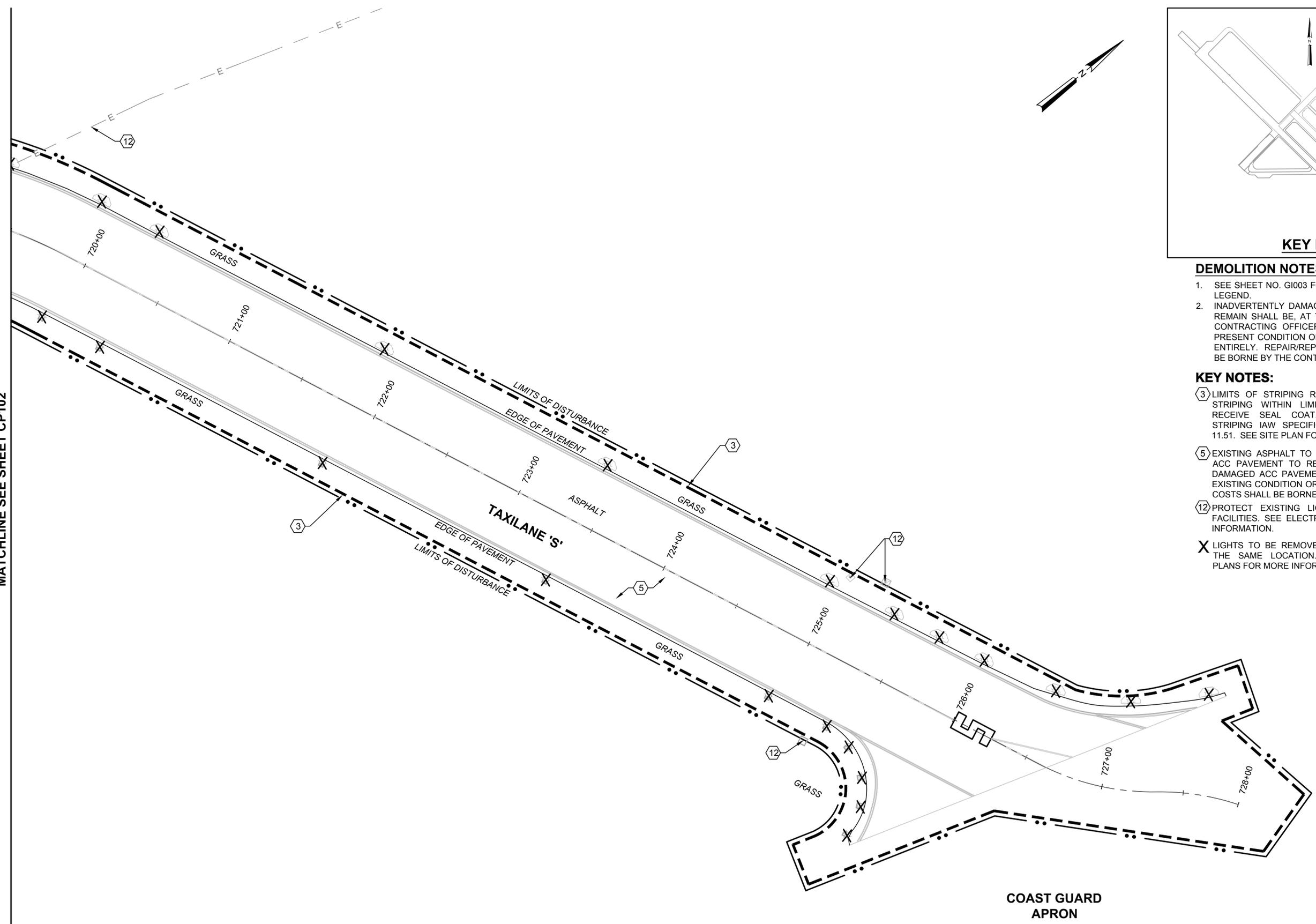
SHEET 9 OF 43

CD102

DRAWFORM REVISION: 5 APRIL 2012

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MATCHLINE SEE SHEET CP102



- DEMOLITION NOTES:**
- SEE SHEET NO. G1003 FOR GENERAL NOTES AND LEGEND.
 - INADVERTENTLY DAMAGED ITEMS THAT ARE TO REMAIN SHALL BE, AT THE DISCRETION OF THE CONTRACTING OFFICER, EITHER REPAIRED TO PRESENT CONDITION OR BETTER, OR REPLACED ENTIRELY. REPAIR/REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.

- KEY NOTES:**
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 - ⑤ EXISTING ASPHALT TO REMAIN (TYP.) PROTECT ACC PAVEMENT TO REMAIN. INADVERTENTLY DAMAGED ACC PAVEMENT TO BE REPAIRED TO EXISTING CONDITION OR BETTER. REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.
 - ⑫ PROTECT EXISTING LIGHTS AND ELECTRICAL FACILITIES. SEE ELECTRICAL PLANS FOR MORE INFORMATION.
- X LIGHTS TO BE REMOVED AND REPLACED IN THE SAME LOCATION. SEE ELECTRICAL PLANS FOR MORE INFORMATION.

NOTE
REFER TO SITE PLAN SHEETS FOR CL GEOMETRY



ISSUED FOR BID	0	DATE	6 NOV 2015
DESCRIPTION			

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | PRW JMJ | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION JACKSONVILLE
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI
CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE 'S'

DEMOLITION PLAN SHEET 3 OF 3

SCALE: AS NOTED

PROJECT NO.: 15098377

CONSTR. CONTR. NO.

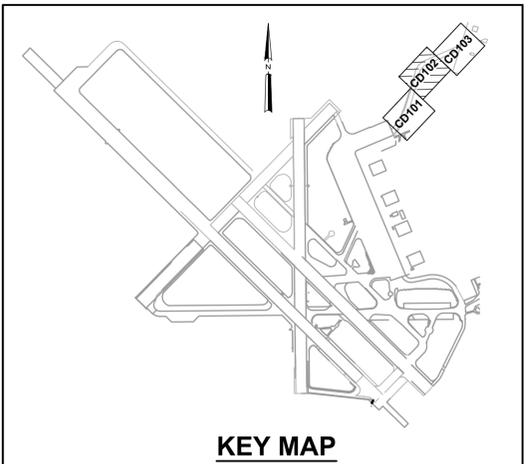
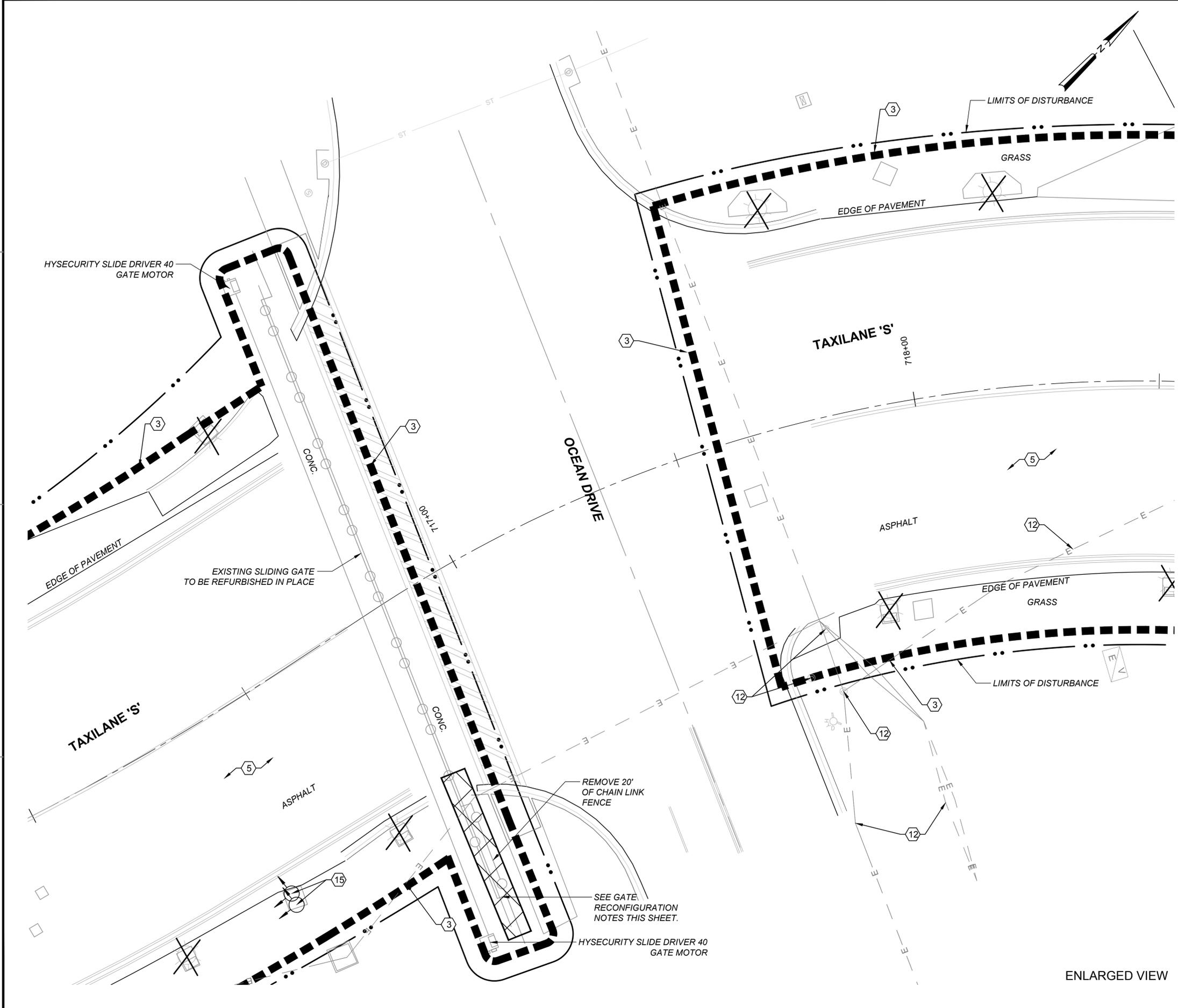
NAVAC DRAWING NO. 15098377

SHEET 10 OF 43

CD103

DRAWFORM REVISION: 5 APRIL 2012

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DEMOLITION NOTES:

1. SEE SHEET NO. G1003 FOR GENERAL NOTES AND LEGEND.
2. INADVERTENTLY DAMAGED ITEMS THAT ARE TO REMAIN SHALL BE, AT THE DISCRETION OF THE CONTRACTING OFFICER, EITHER REPAIRED TO PRESENT CONDITION OR BETTER, OR REPLACED ENTIRELY. REPAIR/REPLACEMENT COSTS SHALL BE BORNE BY THE CONTRACTOR.

KEY NOTES:

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- ⑫ PROTECT EXISTING LIGHTS AND ELECTRICAL FACILITIES. SEE ELECTRICAL PLANS FOR MORE INFORMATION.
- ⑮ TRAFFIC LIGHT(S) TO REMAIN. DO NOT DISTURB.
- X LIGHTS TO BE REMOVED AND REPLACED IN THE SAME LOCATION. SEE ELECTRICAL PLANS FOR MORE INFORMATION.

GATE RECONFIGURATION NOTES

1. CONTRACTOR WILL REMOVE 20' OF THE CHAIN LINK FENCE ON THE SOUTH SIDE OF THE ENTRANCE.
2. CONTRACTOR WILL PROVIDE A QUALIFIED TECHNICIAN TO RECONFIGURE THE HYSECURITY SLIDE DRIVER 40 MODEL 722 E ST MOTOR TO OPEN THE GATE TO MATCH THE FENCE OPENING.

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR TAXILANE LIGHT REFURBISHING IN PLACE.
2. LIGHTS TO BE REMOVED AND REPLACED IN THE SAME LOCATION. SEE ELECTRICAL PLANS FOR MORE INFORMATION.

ENLARGED VIEW



DATE	6 NOV 2015
ISSUED FOR BID	0
DESCRIPTION	
SYMBOL	

LEIDOS ENGINEERING, LLC
ONE WEST 980 ST.
TULSA, OK 74116

DELTA AIRPORT CONSULTANTS, INC.
9711 FARMER COURT, SUITE 100
RICHMOND, VIRGINIA 23236
PHONE: (804) 275-8301 • FAX: (804) 275-8371
WWW.DELTAIRPORTCONSULTANTS.COM
Delta Project No. 14072_AE.NEO

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES: LRE | DRW: JMJ | CHK: SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
ENLARGED DEMOLITION PLAN

SCALE: AS NOTED

PROJECT NO.:

CONSTR. CONTR. NO.:

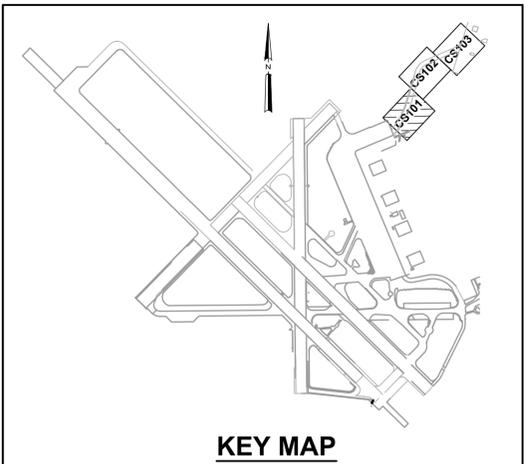
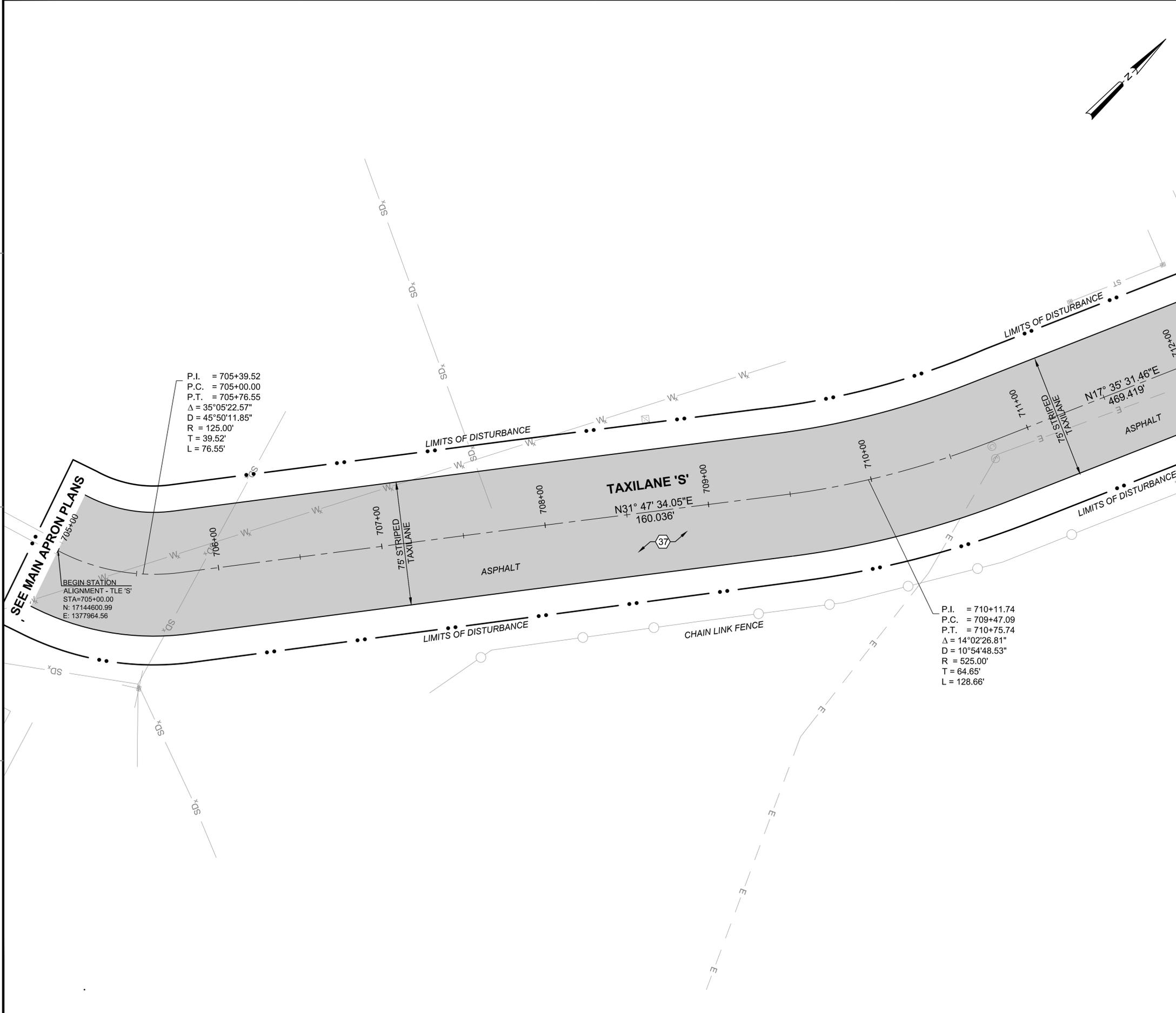
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SHEET 11 OF 43

CD401

DRAWFORM REVISION: 5 APRIL 2012

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- NOTES:**
- SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
 - ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - SEE STRIPING PLAN SHEETS FOR STRIPING.

- KEY NOTES:**
- 37 APPLY TWO COATS OF EMULSIFIED SEALER TO ASPHALT TAXILANE INCLUDING MISCELLANEOUS CONCRETE PATCHES SEE GENERAL NOTE 26, SHEET GI003.

MATCHLINE SEE SHEET CS102



ISSUED FOR BID	0	DATE	6 NOV 2015
DESCRIPTION			

leidos
 LEIDOS ENGINEERING, LLC
 ONE WEST 980 ST.
 TULSA, OK 74116

DELTA AIRPORT CONSULTANTS, INC.
 9711 Farnsworth Court, Suite 100
 Richmond, Virginia 23238
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 www.deltairport.com

Delta Project No. 14072.AE.00

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRW JMJ | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL AIR STATION JACKSONVILLE
 NAS CORPUS CHRISTI
 NAS CORPUS CHRISTI AIRFIELD REPAIRS
 TAXILANE 'S'

SITE PLAN SHEET 1 OF 3

SCALE: AS NOTED

PROJECT NO.: 15098379

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15098379

SHEET 12 OF 43

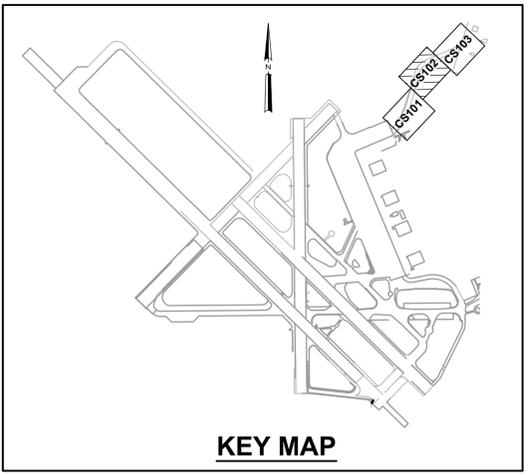
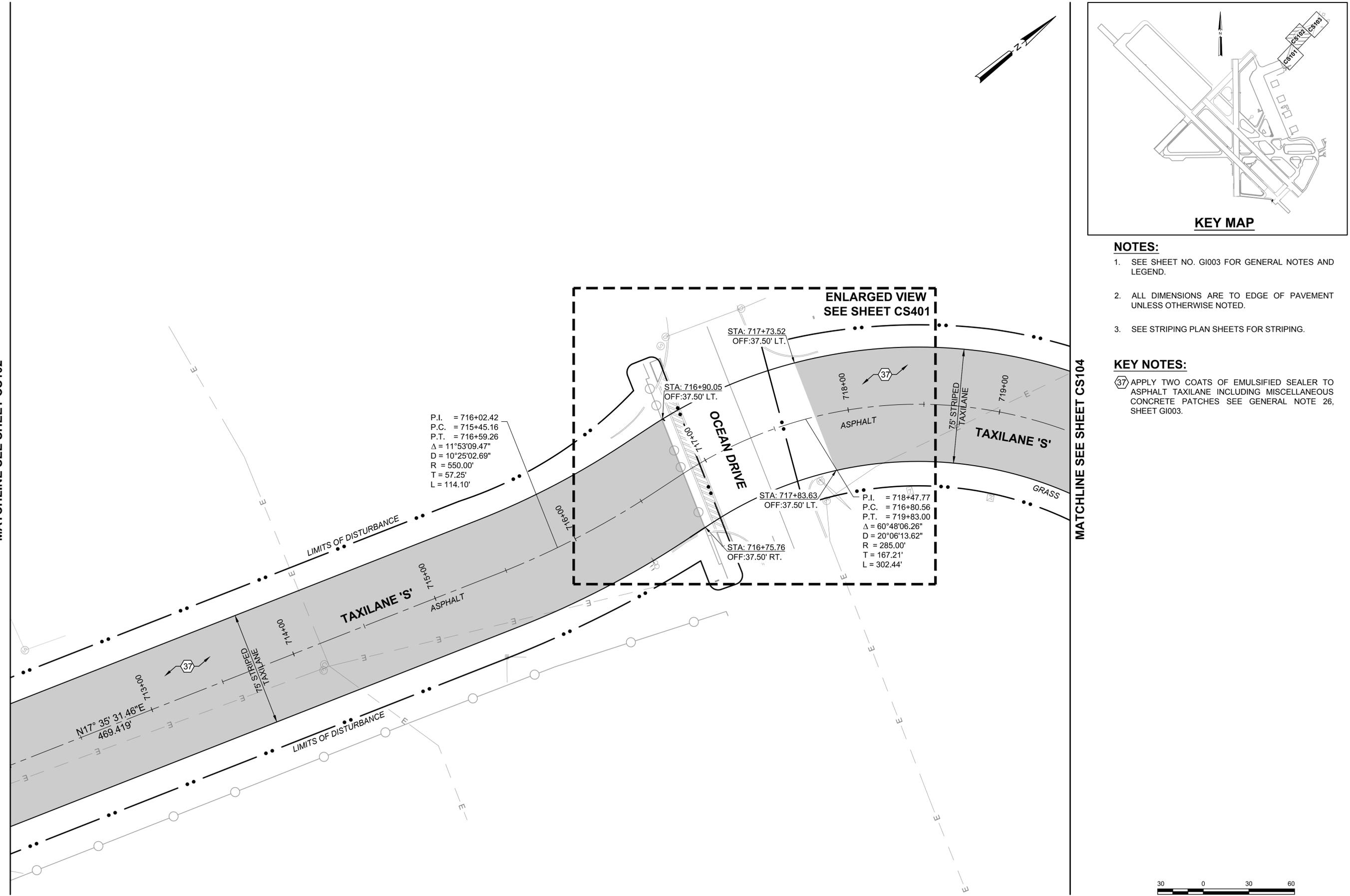
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DRAWFORM REVISION: 5 APRIL 2012

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MATCHLINE SEE SHEET CS102

MATCHLINE SEE SHEET CS104



- NOTES:**
- SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
 - ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - SEE STRIPING PLAN SHEETS FOR STRIPING.

- KEY NOTES:**
- 37 APPLY TWO COATS OF EMULSIFIED SEALER TO ASPHALT TAXILANE INCLUDING MISCELLANEOUS CONCRETE PATCHES SEE GENERAL NOTE 26, SHEET GI003.



DATE	6 NOV 2015
ISSUED FOR BID	0
DESCRIPTION	
DATE	
ISSUED FOR BID	
DESCRIPTION	

LEIDOS ENGINEERING, LLC
ONE WEST 980 ST.
TULSA, OK 74116

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9711 Farnsworth Court, Suite 100
Richmond, Virginia 23238
phone: (804) 275-8301 • fax: (804) 275-8371
www.deltairportconsultants.com
Delta Project No. 14072_AE_000

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | PRW JMJ | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CBL CORE
NAS CORPUS CHRISTI
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE 'S'

SITE PLAN SHEET 2 OF 3

SCALE: AS NOTED

PROJECT NO.:

CONSTR. CONTR. NO.:

NAVFAC DRAWING NO. 15098380

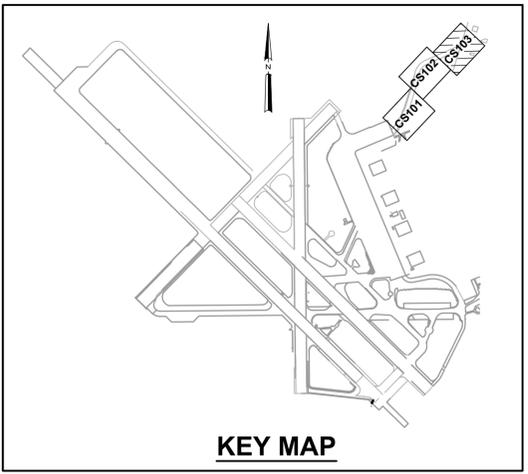
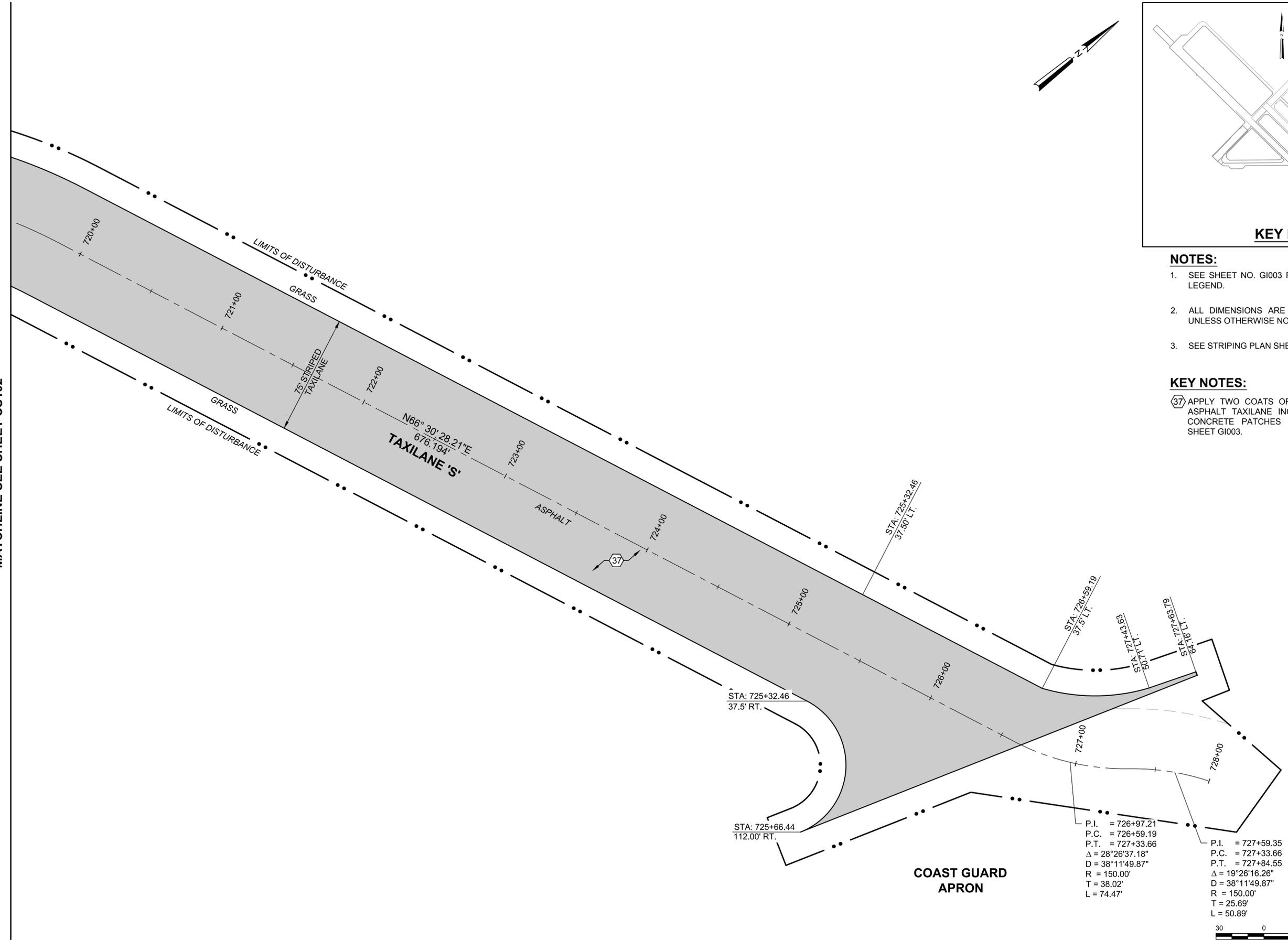
SHEET 13 OF 43

CS102

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\E\1650-TULCO\201114800_ons_caa_repair\20_1650-TULCO\134800-10-CS104.dwg LAYOUT NAME: Layout PLOTTED: Thursday, November 12, 2015 - 4:29pm USER: jacksonj2

MATCHLINE SEE SHEET CS102



- NOTES:**
- SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
 - ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
 - SEE STRIPING PLAN SHEETS FOR STRIPING.

- KEY NOTES:**
- 37 APPLY TWO COATS OF EMULSIFIED SEALER TO ASPHALT TAXILANE INCLUDING MISCELLANEOUS CONCRETE PATCHES SEE GENERAL NOTE 26, SHEET GI003.



ISSUED FOR BID	0	DATE	6 NOV 2015
DESCRIPTION			

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 9711 Farnsworth Court, Suite 100
 Richmond, Virginia 23238
 phone: (804) 275-8301 • fax: (804) 275-8371
 www.deltairportconsultants.com
 Delta Project No. 14072.AE.000

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRW MJM | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVAL AIR STATION JACKSONVILLE
 CIBL CORE
 NAS CORPUS CHRISTI
 NAS CORPUS CHRISTI AIRFIELD REPAIRS
 TAXILANE 'S'

SITE PLAN SHEET 3 OF 3

SCALE: AS NOTED

PROJECT NO.: 15098381

CONSTR. CONTR. NO.

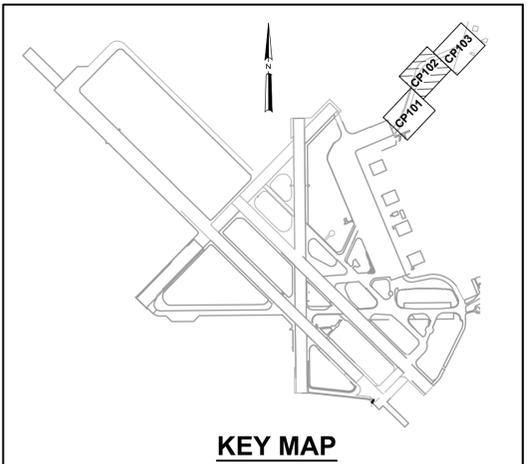
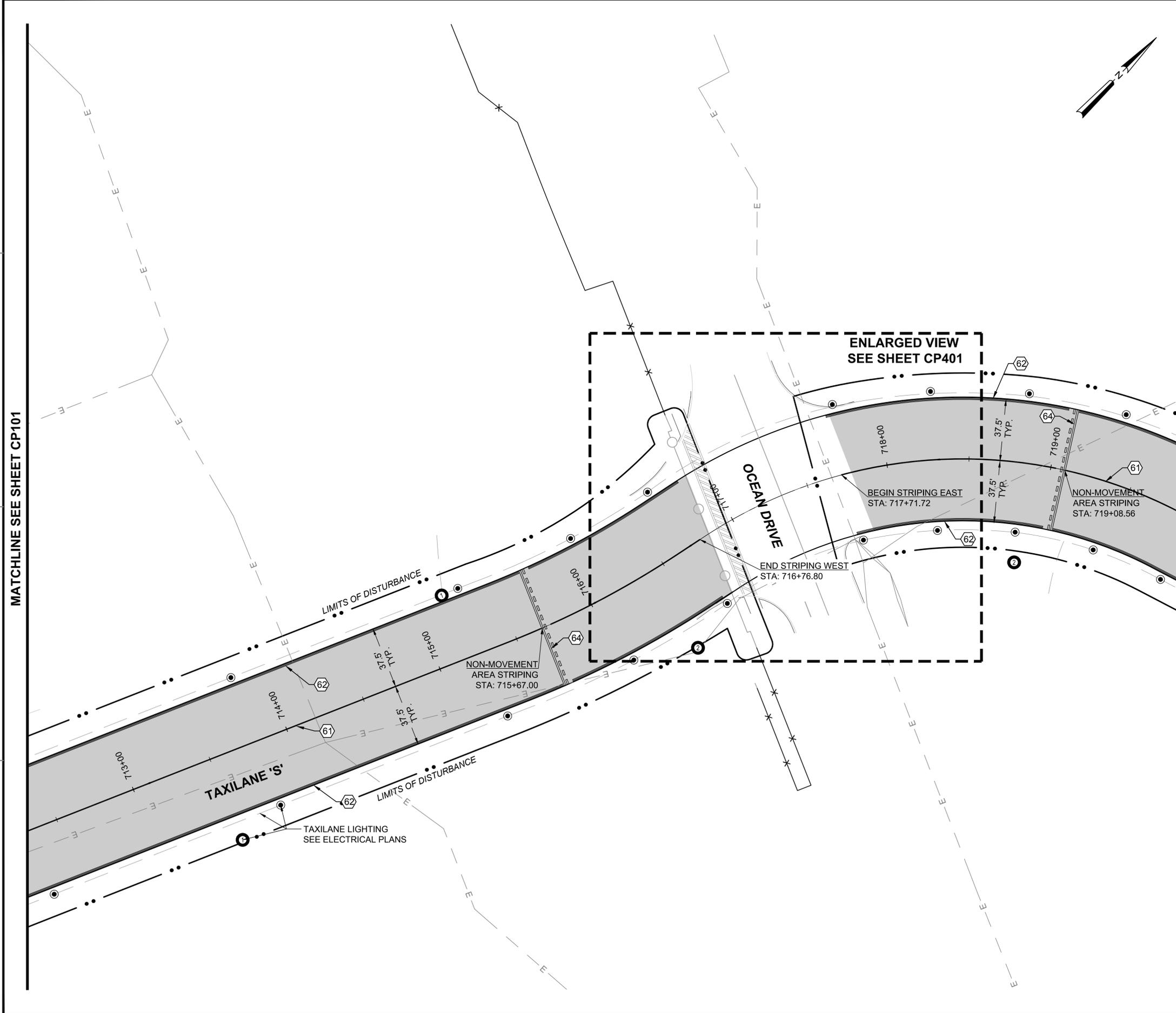
NAVAFAC DRAWING NO. 15098381

SHEET 14 OF 43

CS103

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\E\1650-TUL\DW\2015114800_001_001.dwg LAYOUT NAME: Layout PLOTTED: Monday, November 16, 2015 - 12:38pm USER: alimansan



- NOTES:**
- SEE SHEET NO. G1003 FOR GENERAL NOTES AND LEGEND.
 - SEE SITE PLANS FOR CENTERLINE GEOMETRY
 - ALL STRIPING SHALL BE IN ACCORDANCE WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STANDARDS FOR AIRPORT MARKINGS, AC NO. 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.
 - REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITION OR BETTER.
 - DIMENSIONS TO EXISTING STRIPING EDGES. SEE STRIPING DETAILS SHEET C511 FOR LOCATION OF DIMENSIONS FOR STRIPING.
- KEY NOTES:**
- 61 TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23. SEE SHEET C-511.
 - 62 TAXILANE EDGE STRIPES, 2'-6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW AC FAA 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23. SEE SHEET C-511.
 - 64 NON-MOVEMENT AREA STRIPING, 2 YELLOW LINES (ONE 6" WIDE, 3' SHORT YELLOW LINES DASHED AND SPACED AT 3' AND ONE 6" WIDE SOLID LINE) SPACED AT 6", EACH WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.



MATCHLINE SEE SHEET CP101

MATCHLINE SEE SHEET CP104

ISSUED FOR BID	0	DATE	6 NOV 2015
DESCRIPTION			

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8711 FARMER COURT, SUITE 100
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Delta Project No. 14072_AE-01

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRAW JMJ | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
NAS CORPUS CHRISTI AIRFIELD REPAIRS
CORPUS CHRISTI, TEXAS
TAXILANE 'S'

STRIPING PLAN SHEET 2 OF 3

SCALE: AS NOTED

PROJECT NO.: 15098384

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 15098384

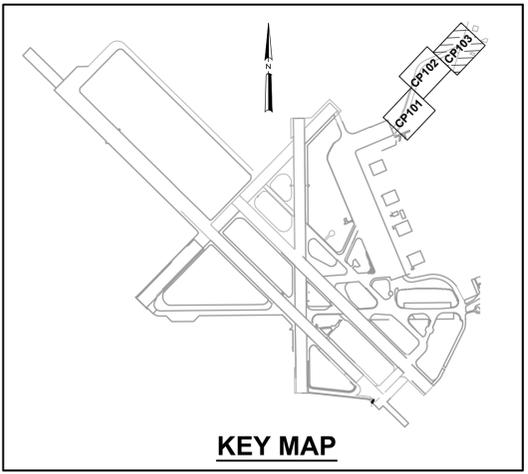
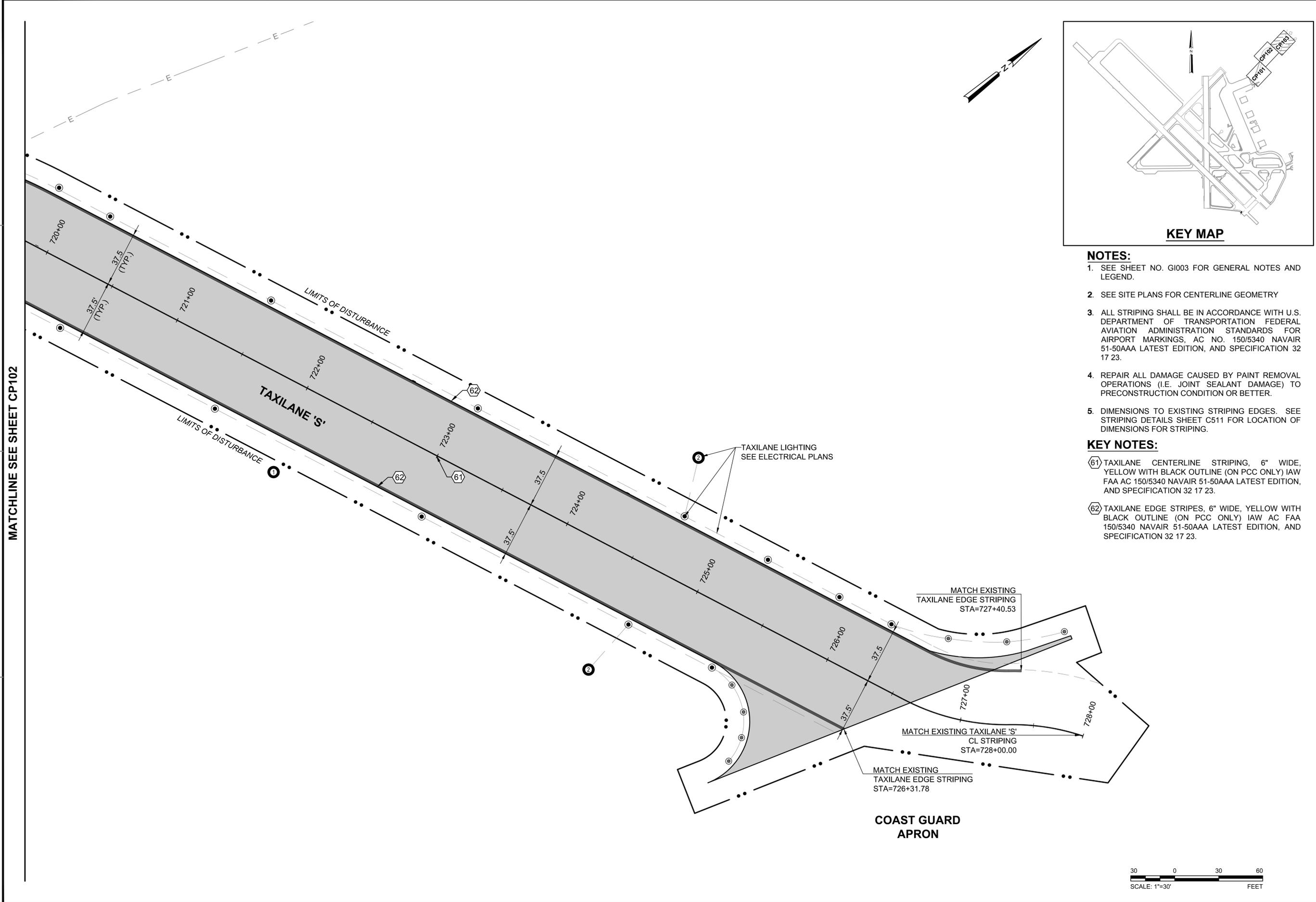
SHEET 17 OF 43

CP102

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\E\1650-TUL\DWG\2015114800_001_001.dwg LAYOUT NAME: Layout PLOTTED: Monday, November 16, 2015 - 12:42pm USER: alimansan

MATCHLINE SEE SHEET CP102



- NOTES:**
1. SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
 2. SEE SITE PLANS FOR CENTERLINE GEOMETRY
 3. ALL STRIPING SHALL BE IN ACCORDANCE WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STANDARDS FOR AIRPORT MARKINGS, AC NO. 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.
 4. REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITION OR BETTER.
 5. DIMENSIONS TO EXISTING STRIPING EDGES. SEE STRIPING DETAILS SHEET C511 FOR LOCATION OF DIMENSIONS FOR STRIPING.
- KEY NOTES:**
- 61 TAXILANE CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.
 - 62 TAXILANE EDGE STRIPES, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW AC FAA 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.



ISSUED FOR BID	0	DATE	6 NOV 2015
DESCRIPTION			

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Delta Project No. 14072_AE-00

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRAW JMJ | CHK SMS

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL AIR STATION JACKSONVILLE
CIBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE 'S'

STRIPING PLAN SHEET 3 OF 3

SCALE: AS NOTED

PROJECT NO.: 15098385

CONSTR. CONTR. NO.

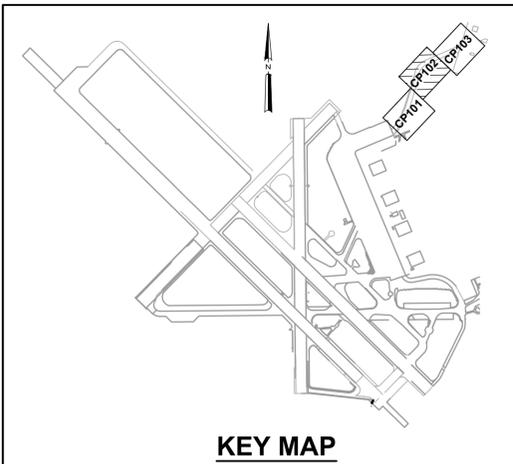
NAVFAC DRAWING NO. 15098385

SHEET 18 OF 43

CP103

DRAWFORM REVISION: 5 APRIL 2012

FILE NAME: P:\E\1650-TUL\DWG\2015114800_nas_cpa_repair\20_1650-TUL\DWG\2015114800-10-CP103.dwg LAYOUT NAME: Layout_1 PLOTTED: Thursday, November 12, 2015 - 4:36pm USER: jacksonjm2



- NOTES:**
- SEE SHEET NO. GI003 FOR GENERAL NOTES AND LEGEND.
 - SEE SITE PLANS FOR CENTERLINE GEOMETRY
 - ALL STRIPING SHALL BE IN ACCORDANCE WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STANDARDS FOR AIRPORT MARKINGS, AC NO. 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.
 - REPAIR ALL DAMAGE CAUSED BY PAINT REMOVAL OPERATIONS (I.E. JOINT SEALANT DAMAGE) TO PRECONSTRUCTION CONDITION OR BETTER.
 - DIMENSIONS TO EXISTING STRIPING EDGES. SEE STRIPING DETAILS SHEET C511 FOR LOCATION OF DIMENSIONS FOR STRIPING.
- KEY NOTES:**
- 61 TAXIWAY CENTERLINE STRIPING, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW FAA AC 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.
 - 62 TAXIWAY EDGE STRIPES, 6" WIDE, YELLOW WITH BLACK OUTLINE (ON PCC ONLY) IAW AC FAA 150/5340 NAVAIR 51-50AAA LATEST EDITION, AND SPECIFICATION 32 17 23.

ENLARGED VIEW



ISSUED FOR BID	0	DATE	6 NOV 2015
DESCRIPTION			

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Delta Project No. 14072_AE_000

APPROVED FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRW JMJ | CHK SMS

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
CBL CORE
NAS CORPUS CHRISTI
CORPUS CHRISTI, TEXAS
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE 'S'
ENLARGED STRIPING PLAN

SCALE: AS NOTED

EPROJCT NO.:

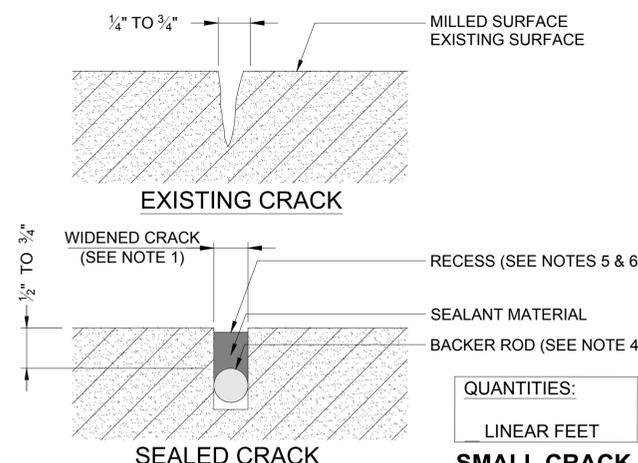
CONSTR. CONTR. NO.:

NAVFAC DRAWING NO. 15098386

SHEET 19 OF 43

CP401

DRAWFORM REVISION: 5 APRIL 2012



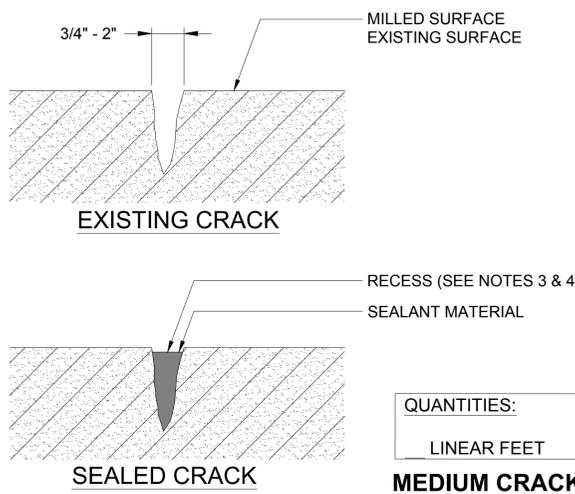
QUANTITIES:
LINEAR FEET

SMALL CRACK ASPHALT REPAIR DETAIL
1 NOT TO SCALE

SMALL CRACKS (1/4" TO 3/4")

- PREPARATION:
1. WIDEN TO A NOMINAL WIDTH OF 1/8" GREATER THAN THE EXISTING NOMINAL OR AVERAGE WIDTH. THE DEPTH OF THE ROUTED OR SAWN (CONTRACTOR OPTION) CRACK SHOULD BE APPROXIMATELY 3/4" AND PRODUCE VERTICAL FACES.
 2. CLEAN CRACK USING A WATER BLASTER OR WIRE BRUSHES, AND THEN CLEAN WITH COMPRESSED AIR.
 3. CLEAN AND INSPECT WIDENED CRACK TO ENSURE IT IS DRY AND FREE OF DEBRIS AND LOOSE MATERIAL.
 4. INSTALL BACKER ROD IF CRACK HAS A DEPTH GREATER THAN 3/4" DEEP. IF THE DEPTH OF CRACK IS NOT DEEP ENOUGH TO ACCOMMODATE THE BACKER ROD AND MAINTAIN A SEALANT DEPTH OF 1/2" TO 3/4", THEN THE CRACK CAN BE ROUTED OR THE BACKER ROD MATERIAL OMITTED.

- SEALING:
5. FOR AREAS WHICH WILL RECEIVE AN OVERLAY - FILL CRACKS WITH SEALANT SUCH THAT THE FINISHED PRODUCT IS RECESSED A MINIMUM OF 1/4" BELOW THE EXISTING MATERIAL'S SURFACE TO PREVENT THE NEW MATERIAL FROM BLEEDING THROUGH THE SUBSEQUENT OVERLAY.
 6. FOR AREAS WHICH WILL NOT RECEIVE AN OVERLAY - FILL CRACKS WITH SEALANT SUCH THAT THE FINISHED PRODUCT IS AT OR SLIGHTLY BELOW (EQUAL TO OR LESS THAN 1/8") THE EXISTING MATERIAL'S SURFACE.
 7. USE A SQUEEGEE TO REMOVE ANY EXCESS SEALANT FROM THE PAVEMENT.



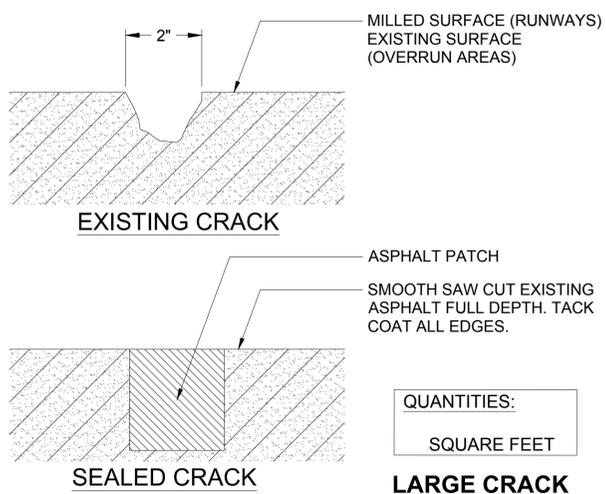
QUANTITIES:
LINEAR FEET

MEDIUM CRACK ASPHALT REPAIR DETAIL
2 NOT TO SCALE

MEDIUM CRACKS (3/4" TO 2")

- PREPARATION:
1. CLEAN CRACK USING A WATER BLASTER OR WIRE BRUSHES, AND THEN CLEAN WITH COMPRESSED AIR.
 2. CLEAN AND INSPECT CRACK TO ENSURE IT IS DRY AND FREE OF DEBRIS AND LOOSE MATERIAL.

- SEALING:
3. FOR AREAS WHICH WILL RECEIVE AN OVERLAY - FILL CRACKS WITH A SEALANT SUCH THAT THE FINISHED PRODUCT IS RECESSED A MINIMUM OF 1/4" BELOW THE EXISTING MATERIAL'S SURFACE TO PREVENT THE NEW MATERIAL FROM BLEEDING THROUGH THE SUBSEQUENT OVERLAY.
 4. FOR AREAS WHICH WILL NOT RECEIVE AN OVERLAY - FILL CRACKS WITH A SEALANT SUCH THAT THE FINISHED PRODUCT IS AT OR SLIGHTLY BELOW (EQUAL TO OR LESS THAN 1/8") THE EXISTING MATERIAL'S SURFACE.
 5. USE A SQUEEGEE TO REMOVE ANY EXCESS SEALANT FROM THE PAVEMENT.



QUANTITIES:
SQUARE FEET

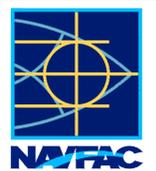
LARGE CRACK ASPHALT REPAIR DETAIL
3 NOT TO SCALE

LARGE CRACKS (2"+)

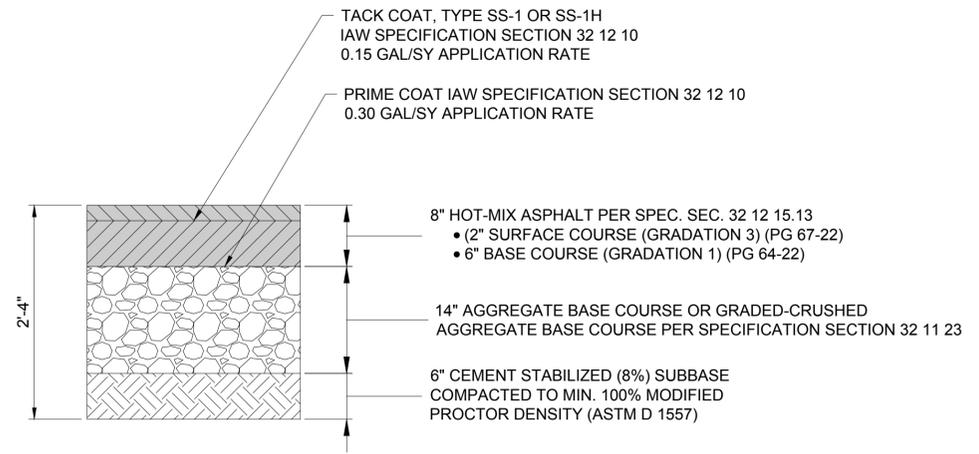
- PREPARATION:
1. TREAT AS A POTHOLE REPAIR.
 2. USING A SAW, CUT AWAY DAMAGED PAVEMENT TO PROVIDE VERTICAL FACES.
 3. CLEAN WITH COMPRESSED AIR.
 4. INSPECT FACES TO ENSURE THEY ARE DRY AND CLEAN.

- FILLING:
5. TACK COAT ADJOINING FACES.
 6. FILL WITH EITHER A SAND ASPHALT OR A FINE-GRADED ASPHALT MIX AND COMPACT USING PROCEDURES AND EQUIPMENT ACCEPTABLE FOR POTHOLE REPAIR.

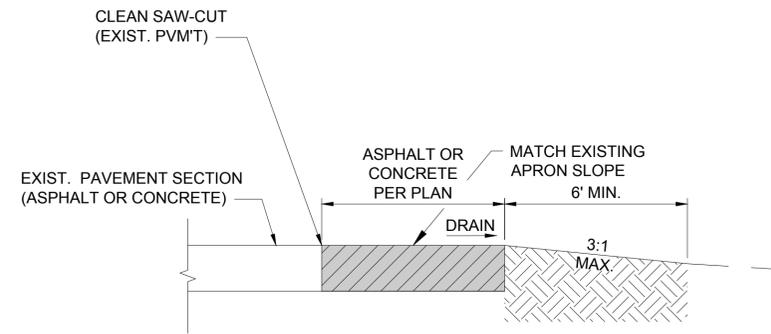
FILE NAME: P:\CD\1650-TULAC\205114600_rps_cad_repair\20_0559\0_0_cad_rpt\2\10_0MS\1\14600-10-C-503.dwg LAYOUT NAME: Layout1 PLOTTED: Thursday, November 12, 2015 4:37pm USER: jacksonjr2

SYMBOL	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR BID	6 NOV 2015	
			
			
			
			
APPROVED			
FOR COMMANDER NAVFAC			
ACTIVITY			
SATISFACTORY TO DATE			
BES	LRE	DRW	JMJ
PM / DM		CHK	SMS
BRANCH MANAGER			
CHIEF ENG / ARCH			
FIRE PROTECTION			
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST NAVAL AIR STATION JACKSONVILLE NAS CORPUS CHRISTI NAS CORPUS CHRISTI AIRFIELD REPAIRS TAXILANE 'S' ASPHALT CRACK REPAIR			
SCALE: AS NOTED			
PROJECT NO.:			
CONSTR. CONTR. NO.:			
NAVFAC DRAWING NO. 15098388			
SHEET 21 OF 43			
C-503			
DRAWFORM REVISION: 5 APRIL 2012			

FILE NAME: P:\CD\1650-TULAC\2011\4600-10-C-504.dwg PLOTTED: Thursday, November 12, 2015 4:37pm USER: jacksonjr2



1 TYPICAL ASPHALT PAVEMENT SECTION
NOT TO SCALE



TYPICAL ASPHALT PAVEMENT
SECTION
NOT TO SCALE

SYMBOL	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR BID	6 NOV 2015	

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Delta Project No. 14072-AC-000

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FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

DES LRE | DRW JMJ | CHK SMS

PM / DM

BRANCH MANAGER

CHIEF ENG / ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL AIR STATION JACKSONVILLE
NAS CORPUS CHRISTI
NAS CORPUS CHRISTI AIRFIELD REPAIRS
TAXILANE 'S'
ASPHALT REPAIR

SCALE: AS NOTED

PROJECT NO.:

CONSTR. CONTR. NO.:

NAVFAC DRAWING NO. 15098389

SHEET 22 OF 43

C-504

DRAWFORM REVISION: 5 APRIL 2012