

CITY OF SOUTH PADRE ISLAND
PADRE BOULEVARD SIDEWALK
IMPROVEMENTS 2014, PHASE I-A

CITY COUNCIL

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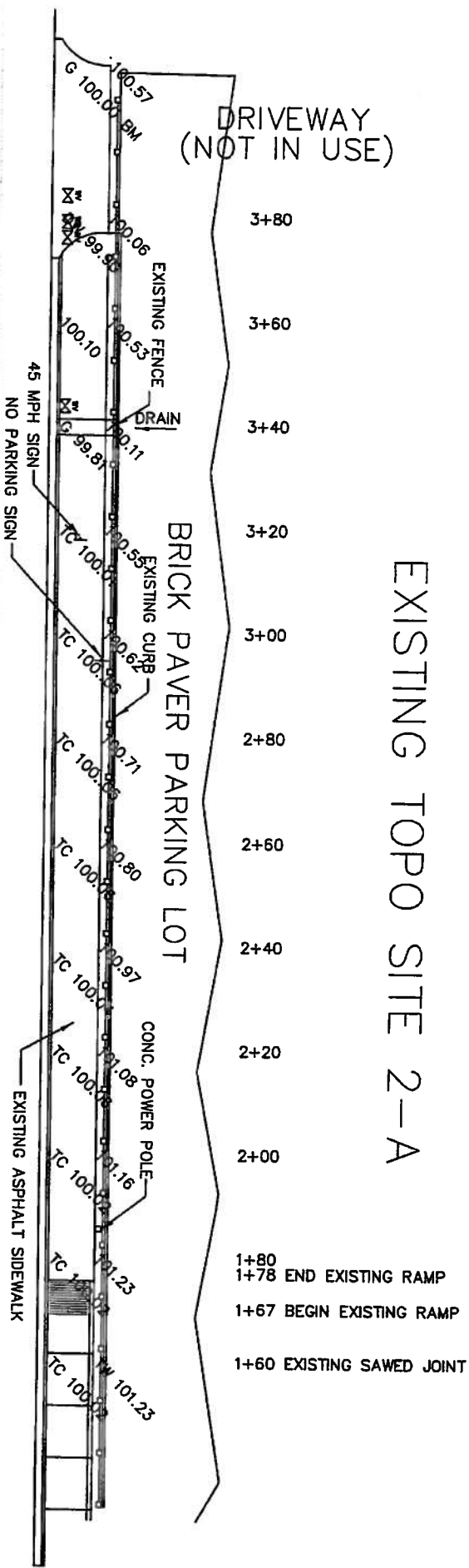
BILL DILIBERO, CITY MANAGER

RAY MOYA, INTERIM PUBLIC WORKS DIR.



SCF Consulting, LLC F-8497 5593 Wildbird Lane Brownsville, Texas 78526 956-455-7498	
City of South Padre Island 2014 Sidewalk Improvements Phase I-A	
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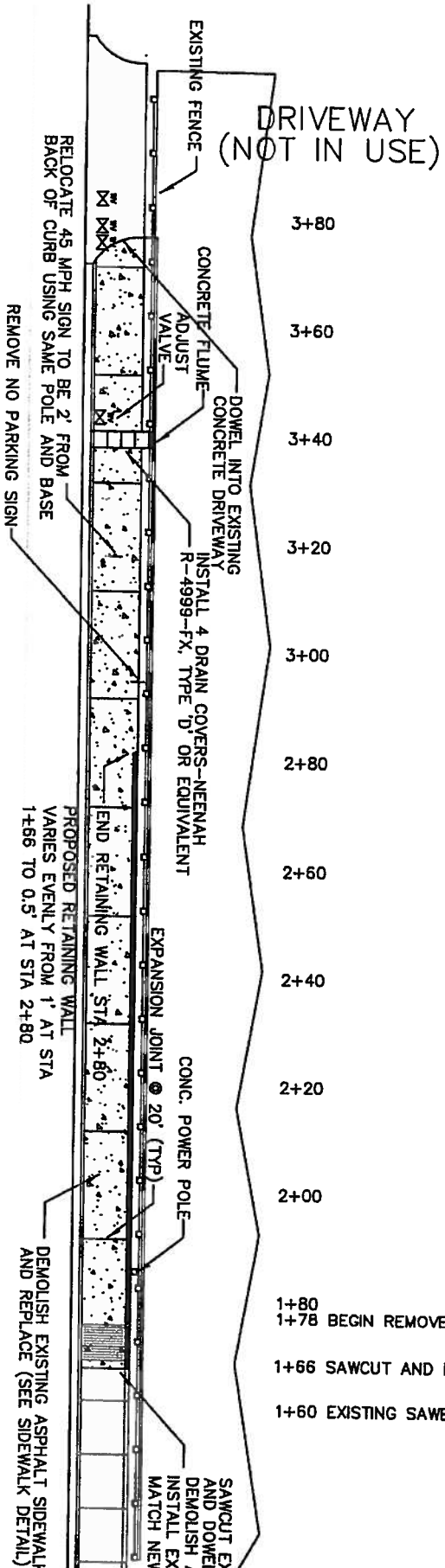
EXISTING TOPO SITE 2-A



Note:
Assumed Benchmark for this phase differs from that of the original phase.

PROPOSED IMPROVEMENTS

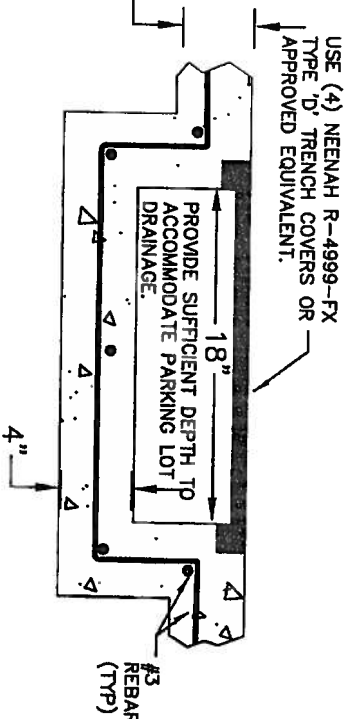
PADRE BLVD. (SH 100)



CAUTION!
OVERHEAD
POWER LINES!

- 1+80
- 1+78 BEGIN REMOVE ASPHALT
- 1+66 SAWCUT AND REMOVE RAMP
- 1+60 EXISTING SAWED JOINT

SAWCUT EXISTING CONCRETE SIDEWALK AT STA 1+86 AND DOWEL NEW SIDEWALK INTO CUT EDGE. DEMOLISH AND REMOVE TRANSITION RAMP. INSTALL EXPANSION JOINT TO FROM EXISTING SAWED JOINT. MATCH NEW WALL TO EXISTING RETAINING WALL.



INSTALL FOLLOWING MANUFACTURERS RECOMMENDATIONS. DO NOT DISASSEMBLE PRIOR TO INSTALLATION.



- NOTES:
1. PLACE EXPANSION JOINTS EVERY TWENTY FEET. CONTRACTOR SHALL LINE UP NEW EXPANSION JOINTS WITH EXISTING CURB JOINTS.
 2. MATCH DUMMY JOINTS ON RETAINING WALL TO ALL SIDEWALK JOINTS.
 3. SAW JOINTS AT EVEN SPACING BETWEEN EXPANSION JOINTS.

PADRE BLVD. (SH 100)

RELOCATE 45 MPH SIGN TO BE 2' FROM BACK OF CURB USING SAME POLE AND BASE. REMOVE NO PARKING SIGN.

CONC. POWER POLE

EXPANSION JOINT @ 20' (TYP)

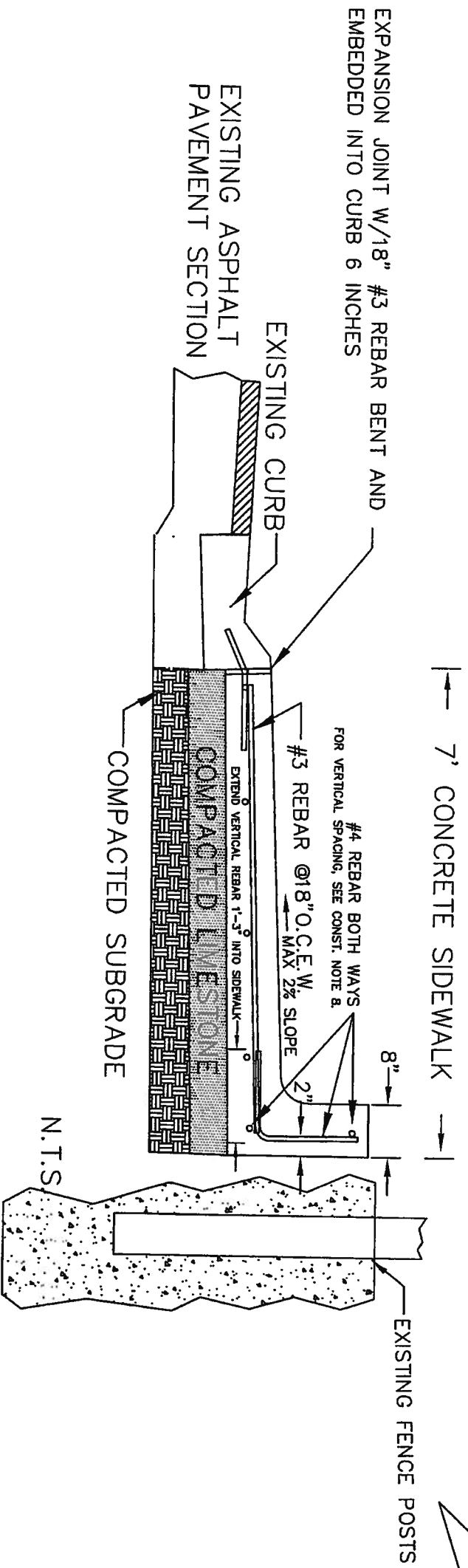
PROPOSED RETAINING WALL VARIES EVENLY FROM 1' AT STA 1+66 TO 0.5' AT STA 2+80

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City of
South Padre Island
2014 Sidewalk Improvements, Phase 1-A

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PROPOSED SIDEWALK CROSS SECTION (4 INCHES THICK)



CAUTION!
OVERHEAD
POWER LINES!

- RETAINING WALL NOTES:
1. TOP OF WALL TO BE LOWER THAN TOP OF CURB OF BRICK PAVEMENT PARKING LOT.
 2. INSTALL NEENAH TRENCH COVER R-4999-FX, TYPE D, OR EQUIVALENT TO ACCOMMODATE EXISTING DRAIN FOR BRICK PAVEMENT PARKING LOT.
 3. CHAMFER TOP OF RETAINING WALL 1/2 -INCH ON BOTH SIDES.



Scott C. Fry
8/1/14
P.E.

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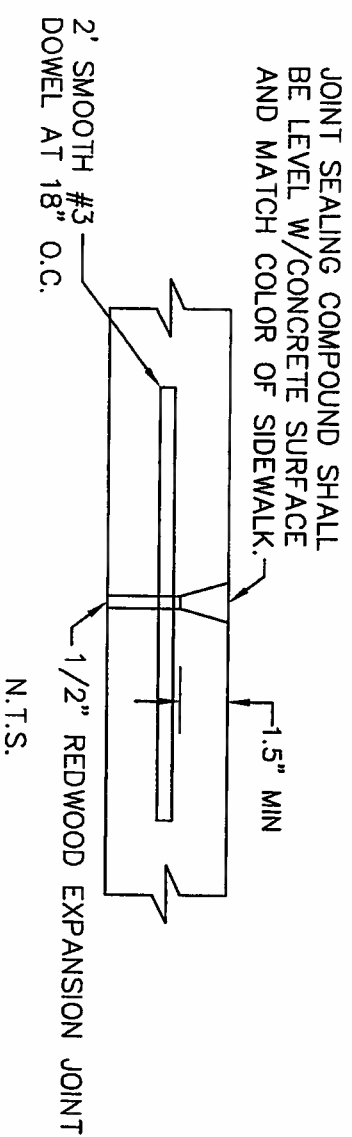
GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF SOUTH PADRE ISLAND STANDARD SPECIFICATIONS FOR CONSTRUCTION.
2. NO EXTRA PAYMENT SHALL BE ALLOWED FOR WORK CALLED FOR ON THE PLANS BUT NOT INCLUDED IN THE BID PROPOSAL. THIS INCIDENTAL WORK WILL BE REQUIRED AND SHALL BE INCLUDED IN THE PAY ITEM TO WHICH IT RELATES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL CONDITION OR BETTER, ANY DAMAGE DONE TO EXISTING FENCES, CONCRETE, STREET PAVING, CURBS, SHRUBS, BUSHES, DRIVEWAYS, ETC. (NO SEPARATE PAY ITEM)
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL SIGNS AND BARRICADES ARE PROPERLY INSTALLED AND MAINTAINED. ALL LOCATIONS AND DISTANCES WILL BE DECIDED UPON IN THE FIELD USING THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". CITY PERSONNEL SHALL ONLY BE RESPONSIBLE TO INSPECT THE BARRICADES AND SIGNS IF, IN THE OPINION OF THE PUBLIC WORKS DIRECTOR AND/OR THE PROJECT ENGINEER, THE BARRICADES AND SIGNS DO NOT CONFORM TO ESTABLISHED STANDARDS, ARE INCORRECTLY PLACED, OR ARE INSUFFICIENT IN QUANTITY TO PROTECT THE GENERAL PUBLIC. UNDER THESE CIRCUMSTANCES, THE CITY INSPECTOR SHALL HAVE THE OPTION TO STOP THE CONSTRUCTION UNTIL SUCH TIME AS THE CONDITIONS ARE CORRECTED.
5. IF THE NEED ARISES, ADDITIONAL BARRICADES AND TRAFFIC CONTROL DEVICES MAY BE ORDERED BY THE PUBLIC WORKS DIRECTOR AT THE CONTRACTOR'S EXPENSE.
6. THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR 24 HOURS IN ADVANCE OF ANY REQUIRED TESTING SO THAT IT MAY BE PROPERLY SCHEDULED.
7. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY THE FOLLOWING AT LEAST FORTY EIGHT (48) HOURS PRIOR TO EXCAVATION:
LAGUNA MADRE WATER DISTRICT
AT&T
TEXAS GAS SERVICE
TIME WARNER CABLE
AMERICAN ELECTRIC POWER
8. THE EXISTENCE AND LOCATION OF EXISTING UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO AND FOR THE MAINTENANCE AND PROTECTION OF THE EXISTING UTILITIES EVEN IF THEY ARE NOT SHOWN ON THE PLANS. LOCATION AND DEPTH OF THE EXISTING UTILITIES SHOWN HERE ARE APPROXIMATE ONLY. ACTUAL LOCATIONS AND DEPTHS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND HE SHALL BE RESPONSIBLE FOR PROTECTION OF SAME DURING CONSTRUCTION.
9. ALL WASTE MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR AND IT SHALL BE HIS SOLE RESPONSIBILITY TO DISPOSE OF THIS MATERIAL IN A PROPER SITE MEETING ALL STATE AND FEDERAL REQUIREMENTS.
10. THE CONTRACTOR SHALL MAINTAIN ALL ADJOINING STREETS, SIDEWALKS AND PARKING AREAS FREE FROM SPILLED AND/OR TRACKED CONSTRUCTION MATERIALS OR DEBRIS.

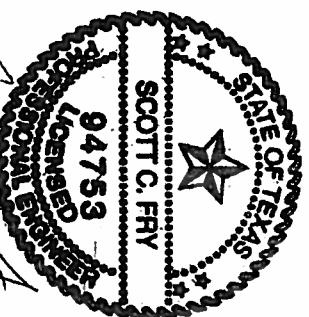
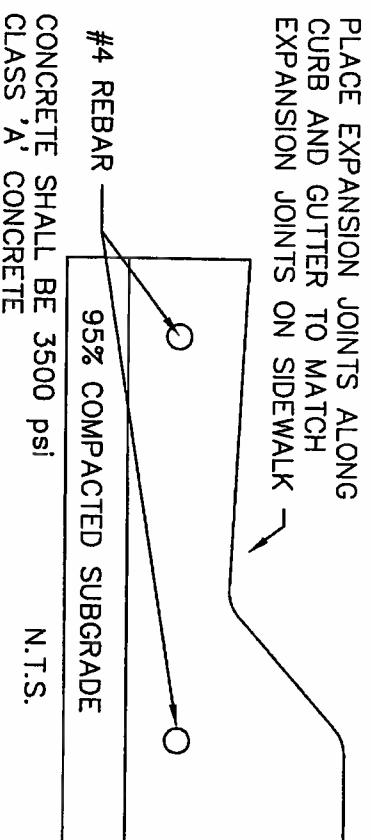
CONSTRUCTION NOTES:

1. SIDEWALKS SHALL HAVE A MAXIMUM 2% SLOPE IN CONFORMANCE WITH THE AMERICANS WITH DISABILITIES ACT.
2. SUBGRADE AND LIMESTONE FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY AS PER ASTM D698.
3. SMOOTH DOWELS SHALL BE ASPHALT COATED, OR SLEEVED ON ONE END.
4. CONCRETE SHALL BE BROOM FINISHED WITH GRAIN PERPENDICULAR TO THE BACK OF CURB.
5. EXPANSION JOINTS SHALL BE PLACED EVERY TEN (20') FEET PERPENDICULAR TO THE BACK OF CURB.
6. AN EXPANSION JOINT SHALL BE PLACED BETWEEN THE CURB AND THE PROPOSED SIDEWALK.
7. DUMMY JOINTS SHALL BE PLACED EVERY TEN (10') FEET.
8. VERTICAL REBAR FOR RETAINING WALL SHALL EXTEND ONE FOOT HORIZONTALLY INTO PROPOSED SIDEWALK. AND BE PLACED AT 18-INCHES ON CENTER FOR 1-FOOT RETAINING WALL. PLACE AT 24-INCHES ON CENTER FOR 6-INCH WALL.
9. CONTRACTOR TO ADJUST ALL WATER VALVES AS NECESSARY TO CREATE A SMOOTH A.D.A. COMPLIANT SURFACE.
10. IN AREAS WHERE CURB AND GUTTER REMOVAL IS NECESSARY, CONTRACTOR SHALL CAREFULLY REMOVE CURB AND ANY RESULTING DAMAGE TO ASPHALT WILL HAVE TO BE SAWCUT AND RESTORED AT CONTRACTORS COST ACCORDING TO TXDOT SPECS.
11. DOWEL INTO EXISTING CONCRETE SIDEWALKS WITH 18 INCH #3 REBAR AT ENDS OF PROPOSED SIDEWALKS. EMBED 6 INCHES.

EXPANSION JOINT DETAIL



CURB AND GUTTER DETAIL



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