

CONTRACT DRAWINGS

**MANATEE COUNTY AREA TRANSIT (MCAT)  
 BUS STOP IMPROVEMENTS  
 FOR ADA COMPLIANCE  
 9TH AVENUE WEST/EAST  
 NORTHWEST BRADENTON AREA  
 MANATEE COUNTY, FLORIDA  
 COUNTY PROJECT NUMBER: 9008930**

**RELATED STANDARDS AND SPECIFICATIONS**

**DESCRIPTION**

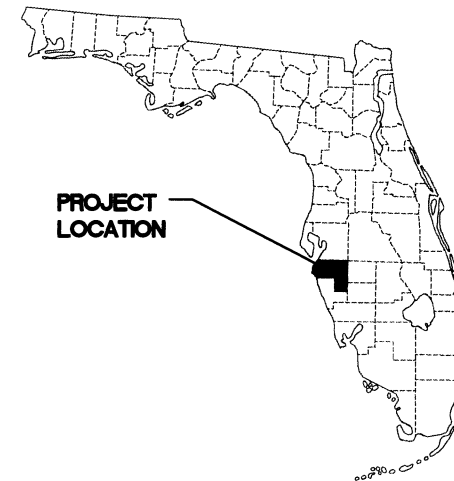
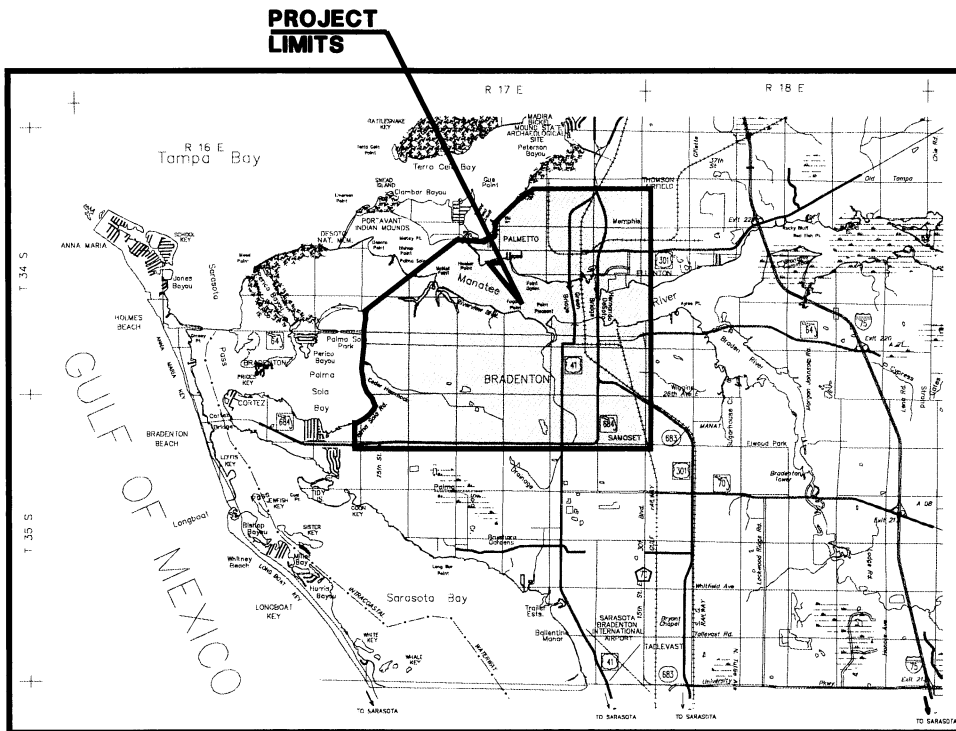
- A. AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.
- B. MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION, (FLORIDA GREEN BOOK), (2010),
- C. FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, (FISCAL YEAR 2012/2013),
- D. AASHTO, GUIDE FOR PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES, (2004),
- E. FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD), (2009),
- F. CHAPTER 14-96 AND 14-97, FLORIDA ADMINISTRATIVE CODE RULE FOR FDOT CONNECTION PERMIT.
- G. CHAPTER 14-86, FLORIDA ADMINISTRATIVE CODE RULE FOR FDOT DRAINAGE PERMIT.
- H. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010.
- I. FDOT TRANSIT FACILITY HANDBOOK (2007).
- J. ACCESSING TRANSIT DESIGN HANDBOOK FOR FLORIDA PASSENGER FACILITIES, VERSION II (2008).

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

**UTILITY WARNING NOTE**

ABOVE GROUND AND / OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE "ONE CALL" AT 1-800-432-4770 AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES.

SUMMARY OF REVISIONS	
DATE	DESCRIPTION



**COMPONENTS OF CONTRACT PLANS SET**

ROADWAY PLANS

**INDEX OF ROADWAY PLANS**

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
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3	GENERAL NOTES
4-7	SUMMARY OF QUANTITIES
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12	SPECIAL DETAILS
13	TRAFFIC CONTROL NOTES

PLANS PREPARED BY:



ENGINEER OF RECORD

SHARI BARNWELL, PE

71357  
FL. LICENSE NO.

DATE

**PACKAGE A - PLAN SET 1**

100% SUBMITTAL  
NOVEMBER 2012



DATE: 9-19-2012

SHEET: 1

**SUMMARY OF PAY ITEMS**

ITEM NO.	ITEM	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	1,503
104-18	INLET PROTECTION SYSTEM	EA	16
110-1-1	CLEARING AND GRUBBING	LS	1
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	674
110-7-1	MAILBOX, F&I SINGLE	EA	0
120-1	REGULAR EXCAVATION	CY	90
425-1-365	CURB INLET TYPE P-6, PARTIAL	EA	1
520-1-7	CONCRETE CURB AND GUTTER, TYPE E (MODIFIED)	LF	148
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	191
520-2-4	CONCRETE CURB, TYPE D	LF	80
522-1	SIDEWALK CONCRETE, 4" THICK	SY	244
522-2	SIDEWALK CONCRETE, 6" THICK	SY	675
570-1-2	PERFORMANCE TURF, SOD	SY	286
700-20-40	SIGN SINGLE POST, RELOCATE	AS	4
1000	UTILITY COORDINATION	LS	1

PAY ITEM NOTES:

1. 101-1 MOBILIZATION

BASIS OF PAYMENT FOR THIS ITEM WILL BE LUMP SUM AND WILL INCLUDE ITEMS DESCRIBED IN SECTION 101-1 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010. IN ADDITION, THIS PAY ITEM WILL INCLUDE STAKING OF RIGHT-OF-WAY AND PREPARATION OF RECORD DRAWINGS. PARTIAL PAYMENTS WILL BE MADE UPON COMPLETION OF BUS STOP LOCATIONS UP TO 90 PERCENT OF THE BID PRICE. THE REMAINING 10 PERCENT OF THE BID PRICE WILL BE PAID UPON COUNTY ACCEPTANCE OF THE RECORD DRAWINGS. CONTRACTOR WILL BID LUMP SUM UNIT PRICE FOR ALL BUS STOPS IDENTIFIED ON THIS PLAN SET.

2. 102-1 MAINTENANCE OF TRAFFIC

BASIS OF PAYMENT FOR THIS ITEM WILL BE LUMP SUM AND WILL INCLUDE PREPARING CONTRACTOR'S MOT PLAN SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER, WORK ZONE SIGNS, HIGH INTENSITY FLASHING LIGHTS, BUSINESS SIGNS, TEMPORARY BARRICADES AND CHANNELIZING DEVICES, TYPE C STEADY BURN LIGHTS, TEMPORARY BARRIER WALL, ARROW BOARDS/ ADVANCE WARNING PANELS, PORTABLE CHANGEABLE MESSAGE SIGNS, TEMPORARY PAVEMENT MARKINGS (PAINT OR TAPE), TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS, AND ANY OTHER TRAFFIC CONTROL DEVICES REQUIRED FOR THE MAINTENANCE OF TRAFFIC.

3. 110-1-1 CLEARING AND GRUBBING

CLEARING AND GRUBBING IS PAID FOR AS A LUMP SUM BID ITEM COST FOR THE BUS STOP LOCATIONS IDENTIFIED IN THE PLAN SET. INCLUDES THE COST FOR RELOCATION, REMOVAL OR DISPOSAL OF THE BUS BENCHES. THE CONTRACTOR SHALL COORDINATE WITH THE COUNTY FOR REMOVAL, DISPOSAL OR RELOCATION OF THE BUS BENCH.

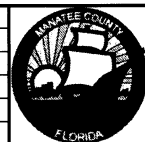
4. 120-1 REGULAR EXCAVATION

PLAN QUANTITY TO BE PAID FOR ESTIMATED AT 3CY PER BUS STOP IMPROVEMENT SITES (INVENTORY SITE)

5. 522-1 AND 522-2 SIDEWALK CONCRETE (4" AND 6" THICK)

INCLUDES THE COST OF SIDEWALK CURB AND SIDEWALK CURB TRANSITIONS AT LOCATIONS OF THE BUS LANDING PAD, CURB RAMPS AND SIDEWALKS. SEE SPECIAL DETAILS SHEET. INCLUDES COST OF DETECTABLE WARNING SURFACE AT NEW CURB RAMPS.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 1**

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357 DATE

DESIGNED SKB  
DRAWN SKB  
Q.C. EPO  
APPROVED SKB

**SUMMARY OF PAY ITEMS**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
2

**GENERAL NOTES**



1. THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER PROMPTLY OF ANY DISCREPANCIES.
2. THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
3. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION, AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR AND ALL UTILITY AGENCIES.  
NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE.
5. THE CONTRACTOR IS REQUIRED TO SET UP A MEETING BETWEEN MANATEE COUNTY TRAFFIC OPERATIONS TO IDENTIFY ANY PROBLEM AREAS PRIOR TO CONSTRUCTION SO ADJUSTMENTS CAN BE MADE. ANY DAMAGES CAUSED BY THE CONTRACTOR TO MANATEE COUNTY MAINTAINED TRAFFIC CONTROL, ROADWAY LIGHTING, ATMS DEVICES OR FIBER OPTIC FACILITIES SHALL BE REPAIRED TO THE SATISFACTION OF MANATEE COUNTY TRAFFIC OPERATIONS AT THE CONTRACTOR EXPENSE.
6. EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE FOLLOWING UTILITIES MAY HAVE LINES AND FACILITIES WITHIN THE PROJECT AREA.  
  

BRIGHTHOUSE NETWORKS	TOM WRIGHT	(941) 748-3816
CITY OF BRADENTON	JIM MCLELLAN	(941) 708-6300 EXT. 235
CITY OF PALMETTO	ALLEN TUSING	(941) 723-4582 EXT 210
MDU PRO	RUSS BELL	(954) 517-7950
FP&L	GREG COKER	(941) 723-4430
VERIZON	DENISE HUTTON	(941) 906-6722
MANATEE COUNTY TRANSPORTATION	VISHAL KAKKAD	(941) 749-3500, EXT. 7812
MANATEE COUNTY UTILITIES	JEFF STREITMATTER	(941) 708-7450
CROWN CASTLE NETWORKS	ARMANDO HERNANDEZ	(813) 447-0333
TECO PEOPLES GAS	DANNY SHANAHAN	(941) 342-4006
PEACE RIVER ELECTRIC COOPERATIVE	DAVID MCCLINTOCK	(863) 767-4621
UNIVERSAL CABLEVISION	JOHN MANNY	(941) 756-5460
7. ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL (1-800-432-4770) AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. THE CONTRACTOR SHALL FURTHER COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS.
8. ALL EXISTING WATER MAINS, SANITARY SEWER, AND OTHER UTILITIES SHALL REMAIN IN SERVICE UNTIL THE RELOCATED UTILITIES ARE PLACED IN SERVICE.
9. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN ANY SIDEWALK OR PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEWALK OR PAVEMENT SURFACE. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR, BICYCLE, OR PEDESTRIAN TRAFFIC SHALL BE ADJUSTED SO THAT THE TOP SURFACE OR COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE. WHERE SODDING IS APPLIED, "FINISHED GRADE" SHALL BE THE NOMINAL HEIGHT OF GRASS AFTER THE SOD IS FIRMLY PLACED.
10. SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.

11. THE CONTRACTOR SHALL HAVE A FOREMAN, OR RESPONSIBLE PARTY, ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE COUNTY INSPECTOR. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT-RELATED ISSUES.
12. ALL EXISTING STORM PIPES WITHIN THE AFFECTED RIGHT-OF-WAY CORRIDOR ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL AND SEDIMENT CONTROL, IN ACCORDANCE WITH FDOT INDEX 102, THROUGHOUT THE DURATION OF THE PROJECT AND ALL ASPECTS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE RESTORATION EFFORTS THAT MAY BE REQUIRED AS A RESULT OF CONSTRUCTION. THE CONTRACTOR SHALL USE WHATEVER METHODS, CONFORMING TO APPLICABLE STANDARDS, NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT.
14. ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE ERECTED PRIOR TO ANY LAND ALTERATIONS, SHALL BE MAINTAINED IN GOOD WORKING ORDER DURING CONSTRUCTION, AND REMOVED FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCES AND STAKED TURBIDITY BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE/BARRIER. STOCKPILE AREAS SHALL INCLUDE SILT FENCE AROUND THE PERIMETER.
15. THE CONTRACTOR SHALL NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE FLOW OVERLAND OR WITHIN THE RESHAPED SWALES. FLOW WITHIN EXISTING DRAINAGE PIPES SHALL BE MAINTAINED AT ALL TIMES. STORMWATER WILL BE CONVEYED VIA EXISTING SWALES, DITCHES, PROPOSED DITCHES, AND EXISTING AND PROPOSED STORM SEWERS.
16. CONTRACTOR SHALL CHECK ALL EROSION AND SILTATION CONTROL DEVICES WEEKLY, AND AFTER EACH RAINFALL, AND REPAIR AND REPLACE THEM AS REQUIRED. MAINTENANCE AND INSPECTION OF THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION CONTROL SHALL BE INCLUDED IN THE COST OF PAY ITEMS LISTED.
17. WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 1-FOOT BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
18. ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
19. ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM CLEARING AND GRUBBING. COORDINATION WITH THE COUNTY IS REQUIRED FOR REMOVAL, DISPOSAL OR RELOCATION OF THE BUS BENCH.
20. ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS DIRECTED BY THE ENGINEER. SEEDING AND MULCHING SHALL BE APPLIED ONLY WHERE SPECIFICALLY CALLED FOR IN THE PLANS AND SPECIFICATIONS, OR WHERE SPECIFICALLY DIRECTED BY THE ENGINEER.
21. THE CONTRACTOR WILL BACKFILL AREAS TO BE SODDED WITH CLEAN FILL TO MAINTAIN PROPER GRADE OF THE PLANTING AREA, AND THE SOD SHALL BE PROPERLY CUT-IN AND TAMPED, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF, SOD.
22. SOD STABILIZATION SHALL OCCUR WITHIN 72 HOURS OF ACHIEVING FINAL GRADE. ALL SLOPES STEEPER THAN 3:1 SHALL INCLUDE SOD STAPLING OR STAKING, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF, SOD (SY).
23. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.

24. UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE, AT A SUITABLE SITE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITTING FEES REQUIRED FOR THE TRANSPORT AND DISPOSAL OF UNSUITABLE MATERIAL.
25. BORROW MATERIAL REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR, FROM BORROW AREAS PROVIDED BY THE CONTRACTOR.
26. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY PRIVATELY OWNED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE THE DESIGNATED AREA OF CONSTRUCTION WHICH ARE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER AT THE EXPENSE OF THE CONTRACTOR. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
27. EXISTING ROADWAY MATERIALS SUCH AS SHELL, MARL, OR LIMEROCK SUITABLE FOR SUCH MAY BE UTILIZED IN THE PREPARATION OF STABILIZED SUBGRADE.
28. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION, WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
29. ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE STAKE-OUT OF THE PROJECT, I.E., LINE, GRADE, SLOPE, UTILITY RELOCATIONS OR ANY OTHER STAKE-OUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
31. STAKING OF ROW: CONTRACTOR SHALL STAKE ALL ROW CORNERS AND INTERMITTENT ROW STAKES TO CLEARLY DEFINE THE ROW LOCATION FOR ALL CONTRACTOR, UTILITIES, AND COUNTY REPRESENTATIVES. THE ROW SHALL BE STAKED WITHIN 20 DAYS FROM NTP AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. PAYMENT FOR STAKING OF ROW WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
32. OVERALL CLEAN-UP SHALL BE ACCOMPLISHED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR MOBILIZATION.
33. RECORD DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR. PAYMENT FOR RECORD DRAWINGS WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
34. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
35. ANY U.S.C. AND G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHOULD NOTIFY:  
  

DIRECTOR, CHARTING AND GEODETIC SERVICES
6001 EXECUTIVE BLVD
ATTN C172
ROCKVILLE, MARYLAND 20852
PHONE: (301) 443-8319
36. ALL CONSTRUCTION WITHIN FDOT RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH CURRENT FDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION AND THE DESIGN STANDARDS.
37. ANY WATER WELLS FOUND WITHIN THE LIMITS OF PROPOSED RIGHT-OF-WAY SHALL BE ABANDONED BY A FLORIDA LICENSED WATER WELL CONTRACTOR IN ACCORDANCE WITH RULE 40D-3.531(2), F.A.C. ALSO REFER TO 40D-40.301(1)(F, H), F.A.C. THE COST OF ABANDONING ANY WELLS SHALL BE INCLUDED IN THE COST OF CLEARING AND GRUBBING.
38. FOR PLACEMENT LOCATION OF THE BUS LANDING PAD AREA, THE CONTRACTOR SHOULD MAINTAIN A MINIMUM OF 12 FEET FROM THE TANGENT OF THE INTERSECTING ROADWAY AND A MINIMUM OF 15 FEET LATERALLY FROM A FIRE HYDRANT, POWER POLE AND/OR LIGHT POLE.
39. THE CONTRACTOR SHOULD NOT PROPOSE CONSTRUCTION AT TWO CONSECUTIVE BUS STOPS ON THE SAME ROADWAY IN THE SAME DIRECTION, AT THE SAME TIME.

	 <p><b>MANATEE COUNTY</b></p>	<p><b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 1</b></p>	 <p>380 Park Place Blvd., Suite 300, Clearwater, Florida 33759 www.cardnotbe.com - 727.531.3505 Certificate of Authorization No. 3843</p>	<p><b>GENERAL NOTES</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED</td> <td>SKB</td> </tr> <tr> <td>DRAWN</td> <td>EPO</td> </tr> <tr> <td>C.C.</td> <td></td> </tr> <tr> <td>APPROVED</td> <td>SKB</td> </tr> </table> <p>SHARI BARNWELL, P.E. LIC. NO.: 71357</p> <p>DATE</p>	DESIGNED	SKB	DRAWN	EPO	C.C.		APPROVED	SKB	<p>PROJECT NO: 00193-008-017</p> <p>DATE: 10-01-2012</p> <p>SHEET NO: 3</p>
DESIGNED	SKB													
DRAWN	EPO													
C.C.														
APPROVED	SKB													

Inventory No. 2		Stop ID No. 1061		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	82
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	36
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	46
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	18
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 4		Stop ID No. 1063		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	6
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	29
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	12
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

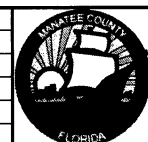
Inventory No. 7		Stop ID No. 581		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	82
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	39
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	46
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	18
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	10
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 1		Stop ID No. 641		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	73
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
14	570-1-2	PERFORMANCE TURF, SOD	SY	21
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 3		Stop ID No. 1062		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	54
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	36
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	40
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	40
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	18
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 5		Stop ID No. 1060		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	59
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	36
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	40
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	19
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

NO.	DESCRIPTION	BY	DATE



MANATEE COUNTY

**BUS STOP IMPROVEMENTS  
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PACKAGE A - PLAN SET 1**

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED SKB  
DRAWN EPO  
Q.C.  
APPROVED SKB

**SUMMARY OF QUANTITIES (1)**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
4

Inventory No. 9		Stop ID No. 639		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	93
4	104-18	INLET PROTECTION SYSTEM	EA	2
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	44
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	34
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	18
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	39
14	570-1-2	PERFORMANCE TURF, SOD	SY	29
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1
16	425-1-365	CURB INLET TYPE P-6, PARTIAL	EA	1

Inventory No. 8		Stop ID No. 638		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	0
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	37
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	9
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	32
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

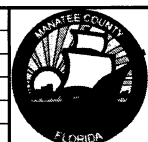
Inventory No. 11		Stop ID No. 636		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	75
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	6
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	45
14	570-1-2	PERFORMANCE TURF, SOD	SY	30
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 10		Stop ID No. 579		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	59
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 76		Stop ID No. 290		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	59
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

Inventory No. 75		Stop ID No. 376		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	64
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	32
14	570-1-2	PERFORMANCE TURF, SOD	SY	10
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

NO.	DESCRIPTION	BY	DATE



MANATEE COUNTY

**BUS STOP IMPROVEMENTS  
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**SUMMARY OF QUANTITIES (2)**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
5

Inventory No. 112		Stop ID No. 255		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	61
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
14	570-1-2	PERFORMANCE TURF, SOD	SY	7
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 114		Stop ID No. 260		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	61
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
14	570-1-2	PERFORMANCE TURF, SOD	SY	7
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

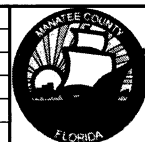
Inventory No. 137		Stop ID No. 257		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	69
4	104-18	INLET PROTECTION SYSTEM	EA	2
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	18
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	18
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 77		Stop ID No. 90		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	62
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	30
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	29
14	570-1-2	PERFORMANCE TURF, SOD	SY	8
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 113		Stop ID No. 1356		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	110-10-3	SEDIMENT BARRIER	LF	61
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
10	520-2-4	CONCRETE CURB, TYPE D	LF	0
10	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
10	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
10	570-1-2	PERFORMANCE TURF, SOD	SY	7
10	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 130		Stop ID No. 584		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	18
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	30
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
14	570-1-2	PERFORMANCE TURF, SOD	SY	24
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

NO.	DESCRIPTION	BY	DATE



MANATEE COUNTY

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LIC. NO.: 71357

**SUMMARY OF QUANTITIES (3)**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
6

Inventory No. 145		Stop ID No. 634		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	73
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	36
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	6
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	36
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	35
14	570-1-2	PERFORMANCE TURF, SOD	SY	20
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

Inventory No. 147		Stop ID No. 582		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	59
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	6
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	6
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

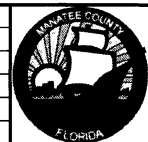
Inventory No. 151		Stop ID No. 650		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	6
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	6
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	14
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 144		Stop ID No. 047		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	59
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 146		Stop ID No. 633		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	73
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	5
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	23
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	26
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

Inventory No. 148		Stop ID No. 640		
NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	85
4	104-18	INLET PROTECTION SYSTEM	EA	2
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	46
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	6
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	48
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	30
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	10
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

NO.	DESCRIPTION	BY	DATE



MANATEE COUNTY

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 1**

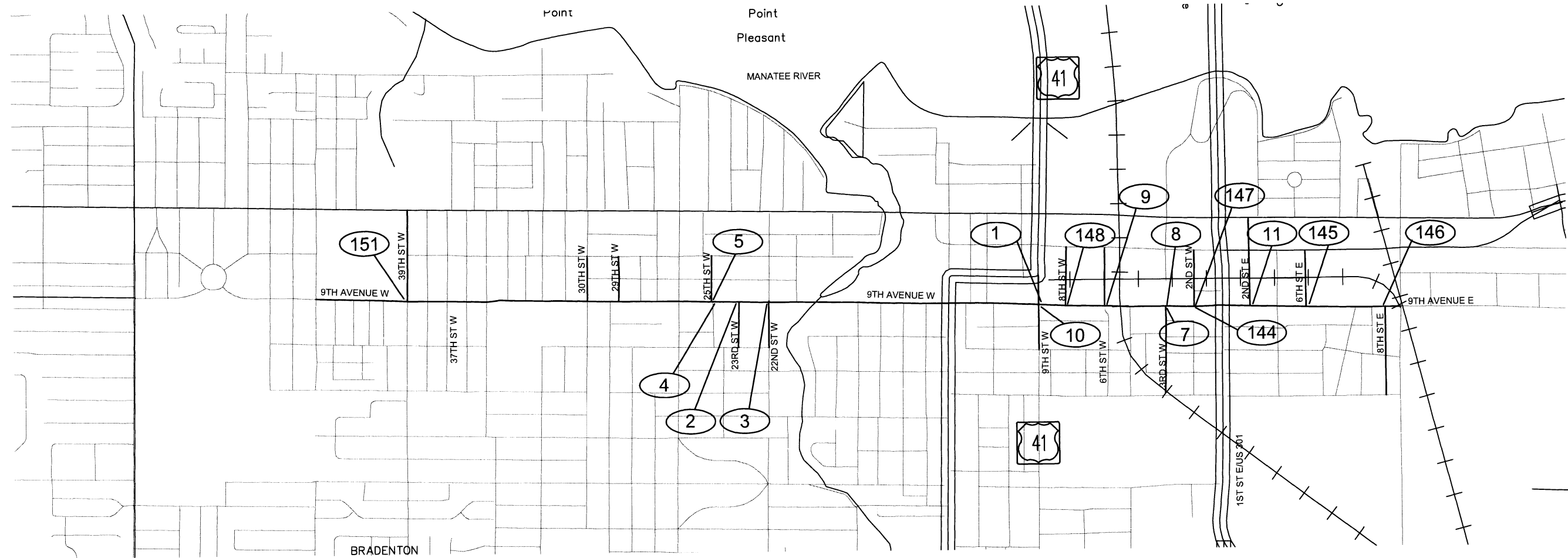
380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED SKB  
DRAWN SKB  
Q.C. EPO  
APPROVED SKB

**SUMMARY OF QUANTITIES (4)**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
7



**BUS STOP LOCATION MAP**  
**9TH AVENUE WEST/EAST**  
 N.T.S.

XXX = INVENTORY NUMBER



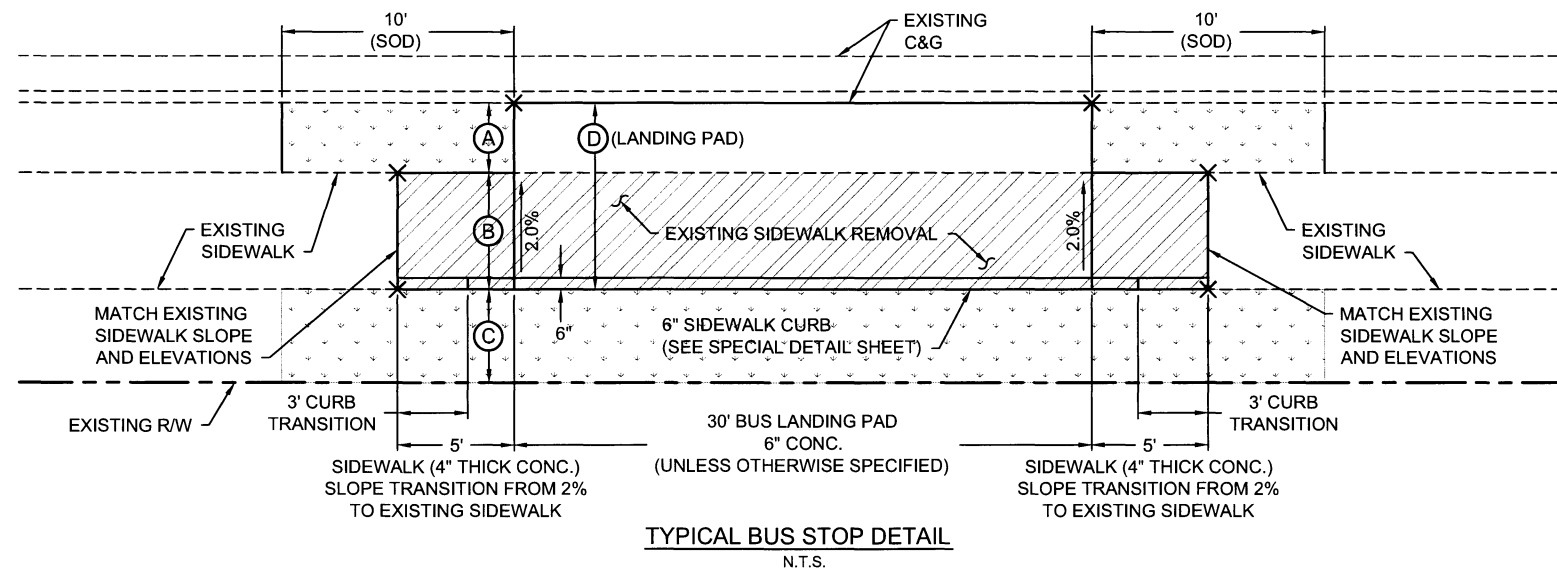
 <b>MANATEE COUNTY</b>		<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 1</b>		 <small>380 Park Place Blvd., Suite 300, Clearwater, Florida 33759        www.cardnotbe.com - 727.531.3505        Certificate of Authorization No. 3843</small>		<small>DESIGNED SKB        DRAWN EPO        Q.C. SKB        APPROVED SKB</small>		<b>BUS STOP LOCATION MAP        9TH AVENUE WEST/EAST</b>		<small>PROJECT NO:        00193-008-017        DATE:        10-01-2012        SHEET NO:        8</small>	
<small>NO.</small>	<small>DESCRIPTION</small>	<small>BY</small>	<small>DATE</small>	<small>SHARI BARNWELL, P.E.        LIC. NO.: 71357</small>	<small>DATE</small>	<small>DATE</small>	<small>DATE</small>	<small>DATE</small>	<small>DATE</small>	<small>DATE</small>	<small>DATE</small>



TABLE: BUS STOP IMPROVEMENTS (LOCATIONS AND CONSTRUCTION DIMENSIONS)

INVENTORY NO.	STOP I.D.	INTERSECTION	INTERSECTION LOCATION	CURB RAMP	DIMENSIONS				UTILITY ADJUSTMENTS ANTICIPATED (BY UTILITY OWNER)	BUS STOP DESIGN NOTES / ADDITIONAL ITEMS FOR CONSTRUCTION
					(A)	(B)	(C)	(D)		
1	641	9TH AVENUE WEST / 9TH STREET WEST		N/A	2'	5'	4.5'	8'	(1) WM VALVE BOX ADJUSTMENT	N/A
2	1061	9TH AVENUE WEST / 23RD STREET WEST		2X CR 21 (SW,SE)	2'	5'	0'	7'	RELOCATE BT LOCATOR PED	N/A
3	1062	9TH AVENUE WEST / 22ND STREET WEST		2X CR 21 (SW,SE)	2'	5'	0'	7'	N/A	REMOVE 40 LINEAR FEET OF GRANITE CURB ADJACENT TO ROADWAY AND REPLACE WITH TYPE D CURB.
4	1063	9TH AVENUE WEST / 25TH STREET WEST		N/A	2'	5'	0'	7'	N/A	REMOVE AND CONSTRUCT 10 LINEAR FEET OF 5' WIDE SIDEWALK EAST OF LANDING PAD.
5	1060	9TH AVENUE WEST / 25TH STREET WEST		2X CR 21 (NE,NW)	2'	5'	0.5'	7.5'	N/A	RELOCATE BUS STOP SIGN TO PROVIDE 15' DISTANCE FROM POWER POLE. REMOVE 6" CONC. CURB BEHIND SIDEWALK AND REPLACE WITH NEW 6" SIDEWALK CURB. REMOVE 40 LINEAR FEET OF GRANITE CURB ADJACENT TO ROADWAY AND REPLACE WITH TYPE D CURB.
7	581	9TH AVENUE WEST / 3RD STREET WEST		2X CR 21 (SW,SE)	2'	5'	0'	7'	N/A	CONSTRUCT 20' WIDE X 7' LANDING PAD FOR 15' DISTANCE FROM LIGHT POLE.
8	638	9TH AVENUE WEST / 3RD STREET WEST		N/A	2'	7.5'	0'	9.5'	ADJUST VALVE BOX	AVOID VERIZON BOX.
9	639	9TH AVENUE WEST / 6TH STREET WEST		2X CR 21 (NE,NW)	2'	5'	3'	10'	ADJUST (2) WM VALVE BOXES, (1) WM METER	REPLACE 15' X 2.5' CURB INLET (TYPE P-6) TOP SLAB.
10	579	9TH AVENUE WEST / 9TH STREET WEST		N/A	2'	5'	0'	7'	ADJUST SAN MH COVER	N/A
11	636	9TH AVENUE EAST / 2ND STREET EAST		N/A	8.25'	5'	1.75'	13'	N/A	N/A
144	47	9TH AVENUE WEST / 1ST STREET WEST/US 301		N/A	2'	5'	0'	7'	N/A	N/A
145	634	9TH AVENUE EAST / 6TH STREET EAST		2X CR 21 (NE,NW)	9'	5'	0'	13'	N/A	RELOCATE BUS STOP SIGN 15' EAST OF LIGHT POLE.
146	633	9TH AVENUE EAST / 8TH STREET EAST		N/A	9'	5'	0'	14'	N/A	MOVE BUS STOP 15' WEST OF LIGHT POLE. REQUIRES REMOVAL OF CRAPE MYRTLE TREES AND SPRINKLERS.
147	582	9TH AVENUE WEST / 2ND STREET WEST		N/A	2'	5'	0'	7'	N/A	N/A
148	640	9TH AVENUE WEST / 8TH STREET WEST		2X CR 21 (NE,NW)	2'	5'	0'	7'	ADJUST WM METER BOX	N/A
151	650	9TH AVENUE WEST / 39TH STREET WEST		1X CR 21 (NE)	6'	5'	0'	11'	N/A	REMOVE / RECONSTRUCT 10 LINEAR FEET OF SIDEWALK EAST OF BUS STOP, WEST OF 39TH STREET WEST.



- LEGEND:
- LIMITS OF CONCRETE REMOVAL
  - LIMITS OF SOD
  - MATCH EXISTING ELEVATIONS

NOTE:  
6" SIDEWALK CURB IS ONLY REQUIRED AT LOCATIONS WHERE BACK OF LANDING PAD AND EXISTING GROUND AT BACK OF LANDING EXCEEDS AN ELEVATION DIFFERENCE GREATER THAN 2".

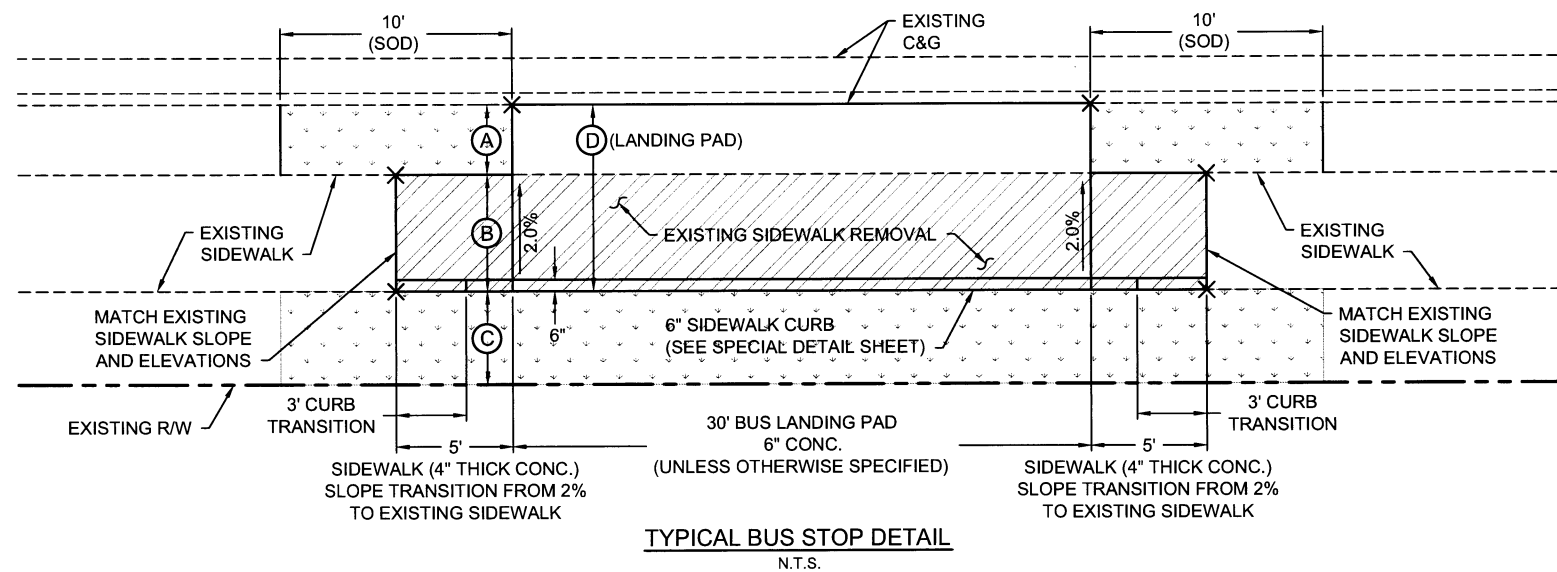
	<b>MANATEE COUNTY</b>	<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 1</b>	<p>380 Park Place Blvd., Suite 300, Clearwater, Florida 33759 www.cardnotebe.com - 727.531.3505 Certificate of Authorization No. 3843</p>	SHARI BARNWELL, P.E. LIC. NO.: 71357	DESIGNED SKB DRAWN EPO Q.C. APPROVED SKB	<b>BUS STOP IMPROVEMENT PLAN 9TH AVENUE WEST/EAST</b>	PROJECT NO: 00193-008-017 DATE: 10-01-2012 SHEET NO: 9
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TABLE: BUS STOP IMPROVEMENTS (LOCATIONS AND CONSTRUCTION DIMENSIONS)

INVENTORY NO.	STOP I.D.	INTERSECTION	INTERSECTION LOCATION	CURB RAMP	DIMENSIONS				UTILITY ADJUSTMENTS ANTICIPATED (BY UTILITY OWNER)	BUS STOP DESIGN NOTES / ADDITIONAL ITEMS FOR CONSTRUCTION
					(A)	(B)	(C)	(D)		
75	376	9TH STREET WEST / 31ST AVENUE WEST		N/A	4.5'	5'	0'	9.5'	N/A	N/A
76	290	9TH STREET WEST / 4TH AVENUE WEST		N/A	2'	5'	0'	7'	N/A	RELOCATE BUS STOP 15' NORTH OF LIGHT POLE.
77	90	5TH STREET WEST / 47TH AVENUE DRIVE WEST		N/A	3.5'	5'	0'	8.5'	N/A	REPLACE 30' OF DROP CURB WITH MODIFIED "TYPE E" CURB AND GUTTER. SEE SPECIAL DETAIL SHEET.
112	255	30TH AVENUE WEST / 9TH STREET WEST		N/A	3'	5'	4'	8'	N/A	N/A
113	1356	30TH AVENUE WEST / 11TH STREET WEST		N/A	3'	5'	0'	8'	N/A	N/A
114	260	30TH AVENUE WEST (ACROSS FROM CASH FOR CARS)		N/A	3'	5'	0'	8'	N/A	CONTRACTOR IS TO PLACE LANDING PAD AS NOT TO CONFLICT WITH DRIVEWAY.
130	584	43RD STREET WEST / 11TH AVENUE WEST		N/A	3'	4'	3'	8.5'	N/A	REPLACE 30' OF DROP CURB WITH MODIFIED "TYPE E" CURB AND GUTTER. SEE SPECIAL DETAIL SHEET.
137	257	301 BOULEVARD WEST / 9TH STREET WEST EXTENSION		N/A	5'	5'	10'	10'	N/A	N/A

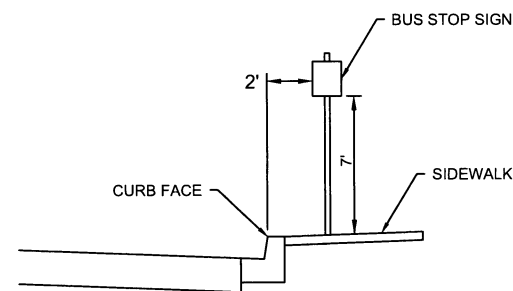
NOTE: BUS STOP IS LOCATED ON THE FIRST STREET LISTED IN THE DESCRIPTION.



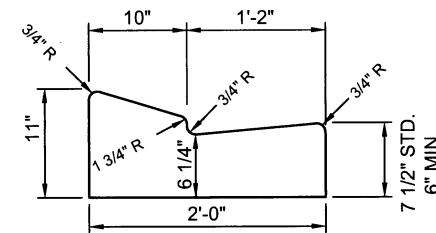
LEGEND:  
 LIMITS OF CONCRETE REMOVAL  
 LIMITS OF SOD  
 MATCH EXISTING ELEVATIONS

NOTE:  
 6" SIDEWALK CURB IS ONLY REQUIRED AT LOCATIONS WHERE BACK OF LANDING PAD AND EXISTING GROUND AT BACK OF LANDING EXCEEDS AN ELEVATION DIFFERENCE GREATER THAN 2".

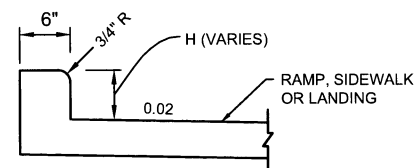
<b>MANATEE COUNTY</b>		<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 1</b>		<b>Cardno TBE</b> <small>380 Park Place Blvd., Suite 300, Clearwater, Florida 33759                  www.cardnotbe.com - 727.531.3505                  Certificate of Authorization No. 3843</small>		DESIGNED: SKB DRAWN: EPO G.C.: SKB APPROVED: SKB		<b>BUS STOP IMPROVEMENT PLAN NORTHWEST BRADENTON AREA</b>		PROJECT NO: 00193-008-017 DATE: 10-01-2012 SHEET NO: 11	
NO.	DESCRIPTION	BY	DATE			SHARI BARNWELL, P.E. LIC. NO.: 71357		DATE			



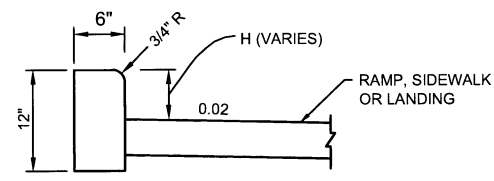
MINIMUM DISTANCE FOR BUS STOP SIGN  
(CURB AND GUTTER CONDITION)



MODIFIED "TYPE E" CURB AND GUTTER



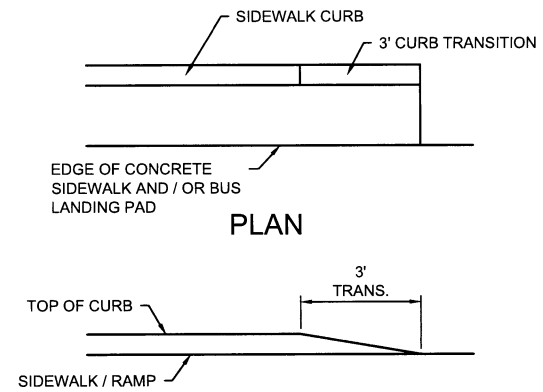
MONOLITHIC CAST CURB



SEPARATELY CAST CURB

BUS LANDING PAD, RAMP AND SIDEWALK CURB OPTIONS

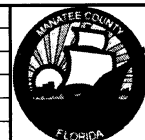
FDOT INDEX 304 - SHEET NO. 4



PLAN  
PROFILE  
CURB TRANSITION ENDINGS

FDOT INDEX 300 - SHEET 2 OF 2

NO.	DESCRIPTION	BY	DATE



MANATEE COUNTY

BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 1

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED SKB  
DRAWN EPO  
Q.C.  
APPROVED SKB

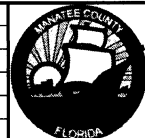
SPECIAL DETAILS

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
12

**MAINTENANCE OF TRAFFIC GENERAL NOTES**

1. THE COST OF MAINTENANCE OF TRAFFIC OPERATIONS SHALL BE INCLUDED UNDER THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC, UNLESS A SEPARATE PAY ITEM IS PROVIDED.
2. THE CONTRACTOR SHALL PROVIDE FOR THE SAFE MOVEMENT OF PEDESTRIANS AND VEHICLES THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING DELIVERIES AND DROP-OFFS IN WORK ZONES.
3. THE CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN, SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER (WITH ADVANCED FDOT MOT CERTIFICATION) FOR REVIEW PRIOR TO IMPLEMENTATION OF THE MAINTENANCE OF TRAFFIC PLAN FOR EACH PHASE OF CONSTRUCTION. MOT PLAN SHALL BE DESIGNED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (LATEST EDITION) AS WELL AS THE FDOT SERIES 600 STANDARD INDEXES. THE PLAN SHALL BE SUBMITTED WITHIN 30 DAYS AFTER CONTRACT AWARD. THE COST OF ALL LABOR AND MATERIALS REQUIRED FOR MAINTENANCE OF TRAFFIC SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN STANDARDS, INDEX SERIES 600", AS AMENDED BY THE SPECIFICATIONS FOR THIS PROJECT.
4. ACCESS SHALL BE CONTINUOUSLY MAINTAINED AT ALL SIDE STREETS AND DRIVEWAYS FOR THE DURATION OF THE PROJECT, UNLESS PREVIOUSLY APPROVED BY MANATEE COUNTY.
5. FOR SIDE STREET INTERSECTIONS, LANE CLOSURE SHALL BE LIMITED TO ONE LANE AT ALL TIMES. AT A MINIMUM, ONE-LANE, TWO-WAY OPERATION SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS. TWO-LANE, TWO-WAY OPERATION SHALL BE MAINTAINED DURING PERIODS OF LANE CLOSURE RESTRICTIONS AND WHEN CONSTRUCTION ACTIVITIES ARE BEYOND THE LIMITS OF THE INTERSECTIONS.
6. DURING PERIODS OF LANE CLOSURES, THE CONTRACTOR SHALL PROVIDE AN FDOT CERTIFIED WORK SITE TRAFFIC SUPERVISOR FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (E.G. BARRICADES, SIGNS, ARROW PANELS, ETC.) AS OUTLINED IN THE FDOT STANDARD SPECIFICATIONS AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
7. THE CONTRACTOR SHALL NOTIFY ALL LOCAL LAW ENFORCEMENT PRIOR TO A LANE CLOSURE THAT WILL EXCEED TWO HOURS.
8. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATION. UNDER THESE CONDITIONS, THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL ALSO RESPOND WITHIN THE CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER OF ANY REQUESTS FOR CORRECTION, IMPROVEMENT, OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES. THE COST OF THIS SERVICE SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 1**

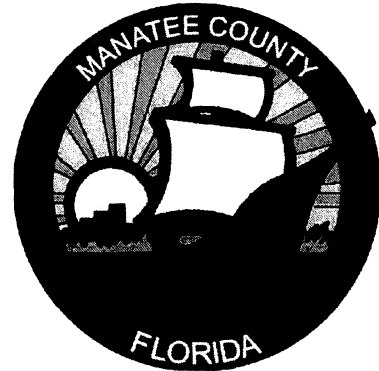


SHARI BARNWELL, P.E.  
LIC. NO.: 71357      DATE

DESIGNED SKB  
DRAWN  
Q.C. EPO  
APPROVED SKB

**TRAFFIC CONTROL NOTES**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
13



CONTRACT DRAWINGS

**MANATEE COUNTY AREA TRANSIT (MCAT)  
 BUS STOP IMPROVEMENTS  
 FOR ADA COMPLIANCE  
 MANATEE AVENUE (SR 64) WEST/EAST  
 CORTEZ ROAD WEST (SR 684)  
 MANATEE COUNTY, FLORIDA  
 COUNTY PROJECT NUMBER: 9008930**

**RELATED STANDARDS AND SPECIFICATIONS**

**DESCRIPTION**

- A. AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.
- B. MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION, (FLORIDA GREEN BOOK), (2010).
- C. FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, (FISCAL YEAR 2012/2013).
- D. AASHTO, GUIDE FOR PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES, (2004).
- E. FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD), (2009).
- F. CHAPTER 14-96 AND 14-97, FLORIDA ADMINISTRATIVE CODE RULE FOR FDOT CONNECTION PERMIT.
- G. CHAPTER 14-86, FLORIDA ADMINISTRATIVE CODE RULE FOR FDOT DRAINAGE PERMIT.
- H. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010.
- I. FDOT TRANSIT FACILITY HANDBOOK (2007).
- J. ACCESSING TRANSIT DESIGN HANDBOOK FOR FLORIDA PASSENGER FACILITIES, VERSION II (2008).

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

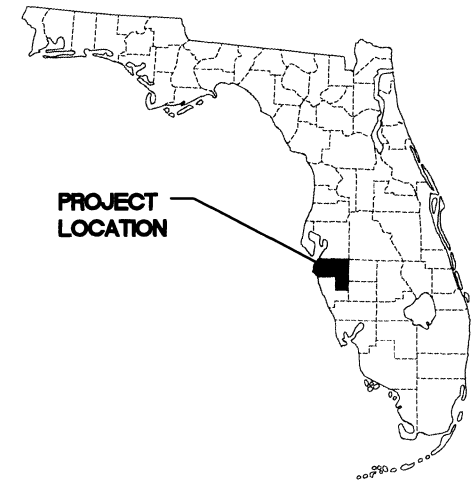
**UTILITY WARNING NOTE**

ABOVE GROUND AND / OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE "ONE CALL" AT 1-800-432-4770 AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES.

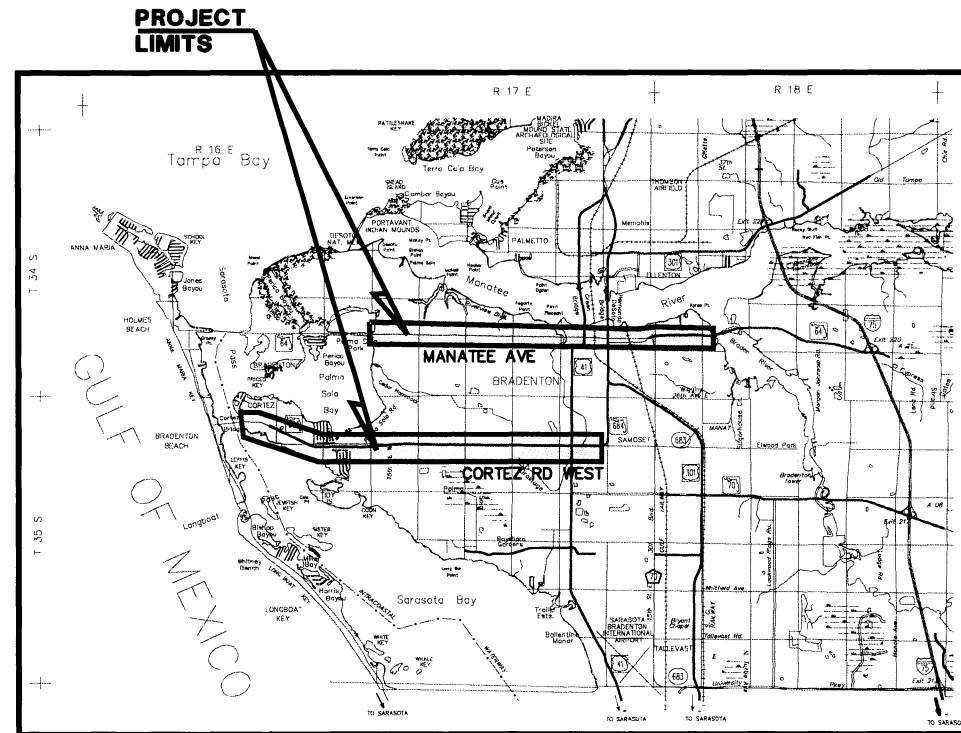
SUMMARY OF REVISIONS	
DATE	DESCRIPTION



48 HOURS BEFORE DIGGING  
 "CALL SUNSHINE"  
 1-800-432-4770



PROJECT LOCATION



PLANS PREPARED BY:



ENGINEER OF RECORD

SHARI BARNWELL, PE      71357  
 FL. LICENSE NO.

DATE

**COMPONENTS OF CONTRACT PLANS SET**  
 ROADWAY PLANS

**INDEX OF ROADWAY PLANS**

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	SUMMARY OF PAY ITEMS
3	GENERAL NOTES
4-10	SUMMARY OF QUANTITIES
11-12	BUS STOP PLAN CORTEZ ROAD (S.R. 684) WEST
13-14	MANATEE AVENUE (S.R. 64) WEST/EAST
15	SPECIAL DETAILS
16	TRAFFIC CONTROL NOTES

**PACKAGE A - PLAN SET 2**

100% SUBMITTAL  
 NOVEMBER 2012

DATE: 9-19-2012  
 SHEET: 1

**SUMMARY OF PAY ITEMS**

ITEM NO.	ITEM	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	2,607
104-18	INLET PROTECTION SYSTEM	EA	88
110-1-1	CLEARING AND GRUBBING	LS	1
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	927
110-7-1	MAILBOX, F&I SINGLE	EA	0
120-1	REGULAR EXCAVATION	CY	144
520-1-7	CONCRETE CURB AND GUTTER, TYPE E (MODIFIED)	LF	0
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	30
520-2-4	CONCRETE CURB, TYPE D	LF	0
522-1	SIDEWALK CONCRETE, 4" THICK	SY	258
522-2	SIDEWALK CONCRETE, 6" THICK	SY	1,190
570-1-2	PERFORMANCE TURF, SOD	SY	420
700-20-40	SIGN SINGLE POST, RELOCATE	AS	17
1000	UTILITY COORDINATION	LS	1

PAY ITEM NOTES:

1. 101-1 MOBILIZATION

BASIS OF PAYMENT FOR THIS ITEM WILL BE LUMP SUM AND WILL INCLUDE ITEMS DESCRIBED IN SECTION 101-1 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010. IN ADDITION, THIS PAY ITEM WILL INCLUDE STAKING OF RIGHT-OF-WAY AND PREPARATION OF RECORD DRAWINGS. PARTIAL PAYMENTS WILL BE MADE UPON COMPLETION OF BUS STOP LOCATIONS UP TO 90 PERCENT OF THE BID PRICE. THE REMAINING 10 PERCENT OF THE BID PRICE WILL BE PAID UPON COUNTY ACCEPTANCE OF THE RECORD DRAWINGS. CONTRACTOR WILL BID LUMP SUM UNIT PRICE FOR ALL BUS STOPS IDENTIFIED ON THIS PLAN SET.

2. 102-1 MAINTENANCE OF TRAFFIC

BASIS OF PAYMENT FOR THIS ITEM WILL BE LUMP SUM AND WILL INCLUDE PREPARING CONTRACTOR'S MOT PLAN SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER, WORK ZONE SIGNS, HIGH INTENSITY FLASHING LIGHTS, BUSINESS SIGNS, TEMPORARY BARRICADES AND CHANNELIZING DEVICES, TYPE C STEADY BURN LIGHTS, TEMPORARY BARRIER WALL, ARROW BOARDS/ ADVANCE WARNING PANELS, PORTABLE CHANGEABLE MESSAGE SIGNS, TEMPORARY PAVEMENT MARKINGS (PAINT OR TAPE), TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS, AND ANY OTHER TRAFFIC CONTROL DEVICES REQUIRED FOR THE MAINTENANCE OF TRAFFIC.

3. 110-1-1 CLEARING AND GRUBBING

CLEARING AND GRUBBING IS PAID FOR AS A LUMP SUM BID ITEM COST FOR THE BUS STOP LOCATIONS IDENTIFIED IN THE PLAN SET. INCLUDES THE COST FOR RELOCATION, REMOVAL OR DISPOSAL OF THE BUS BENCHES. THE CONTRACTOR SHALL COORDINATE WITH THE COUNTY FOR REMOVAL, DISPOSAL OR RELOCATION OF THE BUS BENCH.

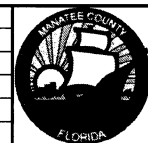
4. 120-1 REGULAR EXCAVATION

PLAN QUANTITY TO BE PAID FOR ESTIMATED AT 3CY PER BUS STOP IMPROVEMENT SITES (INVENTORY SITE)

5. 522-1 AND 522-2 SIDEWALK CONCRETE (4" AND 6" THICK)

INCLUDES THE COST OF SIDEWALK CURB AND SIDEWALK CURB TRANSITIONS AT LOCATIONS OF THE BUS LANDING PAD, CURB RAMPS AND SIDEWALKS. SEE SPECIAL DETAILS SHEET. INCLUDES COST OF DETECTABLE WARNING SURFACE AT NEW CURB RAMPS.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 2**



380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357 DATE

DESIGNED SKB  
DRAWN EPO  
Q.C. SKB  
APPROVED

**SUMMARY OF PAY ITEMS**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
2

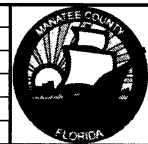
**GENERAL NOTES**

1. THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER PROMPTLY OF ANY DISCREPANCIES.
2. THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
3. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION, AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR AND ALL UTILITY AGENCIES.  
NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE.
5. THE CONTRACTOR IS REQUIRED TO SET UP A MEETING BETWEEN MANATEE COUNTY TRAFFIC OPERATIONS TO IDENTIFY ANY PROBLEM AREAS PRIOR TO CONSTRUCTION SO ADJUSTMENTS CAN BE MADE. ANY DAMAGES CAUSED BY THE CONTRACTOR TO MANATEE COUNTY MAINTAINED TRAFFIC CONTROL, ROADWAY LIGHTING, ATMS DEVICES OR FIBER OPTIC FACILITIES SHALL BE REPAIRED TO THE SATISFACTION OF MANATEE COUNTY TRAFFIC OPERATIONS AT THE CONTRACTOR EXPENSE.
6. EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE FOLLOWING UTILITIES MAY HAVE LINES AND FACILITIES WITHIN THE PROJECT AREA.  

<b>BRIGHTHOUSE NETWORKS</b>	<b>TOM WRIGHT</b>	<b>(941) 748-3816</b>
<b>CITY OF BRADENTON</b>	<b>JIM MCLELLAN</b>	<b>(941) 708-6300 EXT. 235</b>
<b>FP&amp;L</b>	<b>GREG COKER</b>	<b>(941) 723-4430</b>
<b>VERIZON</b>	<b>DENISE HUTTON</b>	<b>(941) 906-6722</b>
<b>MANATEE COUNTY TRANSPORTATION</b>	<b>VISHAL KAKKAD</b>	<b>(941) 749-3500, EXT. 7812</b>
<b>MANATEE COUNTY UTILITIES</b>	<b>JEFF STREITMATTER</b>	<b>(941) 708-7450</b>
<b>TECO PEOPLES GAS</b>	<b>DANNY SHANAHAN</b>	<b>(941) 342-4006</b>
7. ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL (1-800-432-4770) AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. THE CONTRACTOR SHALL FURTHER COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS.
8. ALL EXISTING WATER MAINS, SANITARY SEWER, AND OTHER UTILITIES SHALL REMAIN IN SERVICE UNTIL THE RELOCATED UTILITIES ARE PLACED IN SERVICE.
9. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN ANY SIDEWALK OR PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEWALK OR PAVEMENT SURFACE. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR, BICYCLE, OR PEDESTRIAN TRAFFIC SHALL BE ADJUSTED SO THAT THE TOP SURFACE OR COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE. WHERE SODDING IS APPLIED, "FINISHED GRADE" SHALL BE THE NOMINAL HEIGHT OF GRASS AFTER THE SOD IS FIRMLY PLACED.
10. SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.
11. THE CONTRACTOR SHALL HAVE A FOREMAN, OR RESPONSIBLE PARTY, ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE COUNTY INSPECTOR. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT-RELATED ISSUES.
12. ALL EXISTING STORM PIPES WITHIN THE AFFECTED RIGHT-OF-WAY CORRIDOR ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL AND SEDIMENT CONTROL, IN ACCORDANCE WITH FDOT INDEX 102, THROUGHOUT THE DURATION OF THE PROJECT AND ALL ASPECTS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE RESTORATION EFFORTS THAT MAY BE REQUIRED AS A RESULT OF CONSTRUCTION. THE CONTRACTOR SHALL USE WHATEVER METHODS, CONFORMING TO APPLICABLE STANDARDS, NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT.
14. ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE ERECTED PRIOR TO ANY LAND ALTERATIONS, SHALL BE MAINTAINED IN GOOD WORKING ORDER DURING CONSTRUCTION, AND REMOVED FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCES AND STAKED TURBIDITY BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE/BARRIER. STOCKPILE AREAS SHALL INCLUDE SILT FENCE AROUND THE PERIMETER.
15. THE CONTRACTOR SHALL NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE FLOW OVERLAND OR WITHIN THE RESHAPED SWALES. FLOW WITHIN EXISTING DRAINAGE PIPES SHALL BE MAINTAINED AT ALL TIMES. STORMWATER WILL BE CONVEYED VIA EXISTING SWALES, DITCHES, PROPOSED DITCHES, AND EXISTING AND PROPOSED STORM SEWERS.
16. CONTRACTOR SHALL CHECK ALL EROSION AND SILTATION CONTROL DEVICES WEEKLY, AND AFTER EACH RAINFALL, AND REPAIR AND REPLACE THEM AS REQUIRED. MAINTENANCE AND INSPECTION OF THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION CONTROL SHALL BE INCLUDED IN THE COST OF PAY ITEMS LISTED.
17. WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 1-FOOT BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
18. ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
19. ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM CLEARING AND GRUBBING. COORDINATION WITH THE COUNTY IS REQUIRED FOR REMOVAL, DISPOSAL OR RELOCATION OF THE BUS BENCH.
20. ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS DIRECTED BY THE ENGINEER. SEEDING AND MULCHING SHALL BE APPLIED ONLY WHERE SPECIFICALLY CALLED FOR IN THE PLANS AND SPECIFICATIONS, OR WHERE SPECIFICALLY DIRECTED BY THE ENGINEER.
21. THE CONTRACTOR WILL BACKFILL AREAS TO BE SODDED WITH CLEAN FILL TO MAINTAIN PROPER GRADE OF THE PLANTING AREA, AND THE SOD SHALL BE PROPERLY CUT-IN AND TAMPED, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF, SOD.
22. SOD STABILIZATION SHALL OCCUR WITHIN 72 HOURS OF ACHIEVING FINAL GRADE. ALL SLOPES STEEPER THAN 3:1 SHALL INCLUDE SOD STAPLING OR STAKING, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF, SOD (SY).
23. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
24. UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE, AT A SUITABLE SITE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITTING FEES REQUIRED FOR THE TRANSPORT AND DISPOSAL OF UNSUITABLE MATERIAL.
25. BORROW MATERIAL REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR, FROM BORROW AREAS PROVIDED BY THE CONTRACTOR.
26. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY PRIVATELY OWNED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE THE DESIGNATED AREA OF CONSTRUCTION WHICH ARE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER AT THE EXPENSE OF THE CONTRACTOR. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
27. EXISTING ROADWAY MATERIALS SUCH AS SHELL, MARL, OR LIMEROCK SUITABLE FOR SUCH MAY BE UTILIZED IN THE PREPARATION OF STABILIZED SUBGRADE.
28. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION, WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
29. ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE STAKE-OUT OF THE PROJECT, I.E., LINE, GRADE, SLOPE, UTILITY RELOCATIONS OR ANY OTHER STAKE-OUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
31. STAKING OF ROW: CONTRACTOR SHALL STAKE ALL ROW CORNERS AND INTERMITTENT ROW STAKES TO CLEARLY DEFINE THE ROW LOCATION FOR ALL CONTRACTOR, UTILITIES, AND COUNTY REPRESENTATIVES. THE ROW SHALL BE STAKED WITHIN 20 DAYS FROM NTP AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. PAYMENT FOR STAKING OF ROW WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
32. OVERALL CLEAN-UP SHALL BE ACCOMPLISHED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR MOBILIZATION.
33. RECORD DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR, PAYMENT FOR RECORD DRAWINGS WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
34. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
35. ANY U.S.C. AND G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHOULD NOTIFY:  

	DIRECTOR, CHARTING AND GEODETIC SERVICES
	6001 EXECUTIVE BLVD
	ATTN C172
	ROCKVILLE, MARYLAND 20852
	PHONE: (301) 443-8319
36. ALL CONSTRUCTION WITHIN FDOT RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH CURRENT FDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION AND THE DESIGN STANDARDS.
37. ANY WATER WELLS FOUND WITHIN THE LIMITS OF PROPOSED RIGHT-OF-WAY SHALL BE ABANDONED BY A FLORIDA LICENSED WATER WELL CONTRACTOR IN ACCORDANCE WITH RULE 40D-3.531(2), F.A.C. ALSO REFER TO 40D-40.301(1)(F, H), F.A.C. THE COST OF ABANDONING ANY WELLS SHALL BE INCLUDED IN THE COST OF CLEARING AND GRUBBING.
38. FOR PLACEMENT LOCATION OF THE BUS LANDING PAD AREA, THE CONTRACTOR SHOULD MAINTAIN A MINIMUM OF 12 FEET FROM THE TANGENT OF THE INTERSECTING ROADWAY AND A MINIMUM OF 15 FEET LATERALLY FROM A FIRE HYDRANT, POWER POLE AND/OR LIGHT POLE.
39. THE CONTRACTOR SHOULD NOT PROPOSE CONSTRUCTION AT TWO CONSECUTIVE BUS STOPS ON THE SAME ROADWAY IN THE SAME DIRECTION, AT THE SAME TIME.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 2**

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED	SKB
DRAWN	EPO
Q.C.	SKB
APPROVED	DATE

**GENERAL NOTES**

PROJECT NO: 00193-008-017
DATE: 10-01-2012
SHEET NO: 3



**Inventory No. 21 Stop ID No. 498**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	7
14	570-1-2	PERFORMANCE TURF, SOD	SY	20
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	3

**Inventory No. 20 Stop ID No. 478**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	5
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 23 Stop ID No. 501**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 22 Stop ID No. 500**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

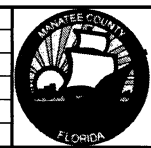
**Inventory No. 25 Stop ID No. 475**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 24 Stop ID No. 502**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	6
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	26
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 2**

**Cardno TBE**  
 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
 www.cardnotbe.com - 727.531.3505  
 Certificate of Authorization No. 3843

DESIGNED: SKB  
 DRAWN: EPO  
 Q.C.:  
 APPROVED: SKB  
 SHARI BARNWELL, P.E.  
 LIC. NO.: 71357

**SUMMARY OF QUANTITIES (1)**

PROJECT NO: 00193-008-017  
 DATE: 10-01-2012  
 SHEET NO: 4

**Inventory No. 27 Stop ID No. 474**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 26 Stop ID No. 503**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 30 Stop ID No. 524**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 28 Stop ID No. 504**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

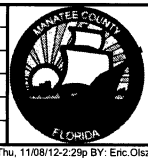
**Inventory No. 32 Stop ID No. 427**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	35
14	570-1-2	PERFORMANCE TURF, SOD	SY	13
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 031 Stop ID No. 452**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	37
14	570-1-2	PERFORMANCE TURF, SOD	SY	14
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	2

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 2**

**Cardno TBE**  
 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
 www.cardnotbe.com - 727.531.3505  
 Certificate of Authorization No. 3843

DESIGNED SKB  
 DRAWN EPO  
 Q.C. SKB  
 APPROVED SKB  
 SHARI BARNWELL, P.E.  
 LIC. NO. 71357 DATE

**SUMMARY OF QUANTITIES (2)**

PROJECT NO: 00193-008-017  
 DATE: 10-01-2012  
 SHEET NO: 5

**Inventory No. 34 Stop ID No. 528**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	33
14	570-1-2	PERFORMANCE TURF, SOD	SY	11
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 33 Stop ID No. 527**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	29
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 36 Stop ID No. 449**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	100
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	0
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	8
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	18
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	36
14	570-1-2	PERFORMANCE TURF, SOD	SY	10
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 35 Stop ID No. 529**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	30
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	2
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	11
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

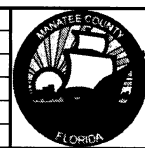
**Inventory No. 38 Stop ID No. 531**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	67
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	28
14	570-1-2	PERFORMANCE TURF, SOD	SY	13
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 37 Stop ID No. 530**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	66
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	36
14	570-1-2	PERFORMANCE TURF, SOD	SY	13
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 2**

**Cardno TBE**  
 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
 www.cardnotbe.com - 727.531.3505  
 Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
 LIC. NO.: 71357

DESIGNED SKB  
 DRAWN EPO  
 Q.C. SKB  
 APPROVED

**SUMMARY OF QUANTITIES (3)**

PROJECT NO: 00193-008-017  
 DATE: 10-01-2012  
 SHEET NO: 6

FILE: J:\00193\00193008-17\CAD\dwg\PLANS\0193008017-2.dwg LAST SAVED: Thu, 11/08/12-11:46a PLOTTED: Thu, 11/08/12-2:29p BY: Eric Olszewski

**Inventory No. 045 Stop ID No. 537**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	66
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	35
14	570-1-2	PERFORMANCE TURF, SOD	SY	13
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 44 Stop ID No. 536**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-7	CONCRETE CURB & GUTTER, TYPE E	LF	30
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 91 Stop ID No. 1350**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	59
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	5
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	5
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 46 Stop ID No. 1108**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	68
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	5
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	38
14	570-1-2	PERFORMANCE TURF, SOD	SY	14
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

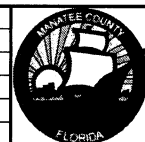
**Inventory No. 93 Stop ID No. 725**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 92 Stop ID No. 720**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 2**

**Cardno TBE**  
 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
 www.cardno.com - 727.531.3505  
 Certificate of Authorization No. 3843

DESIGNED	SKB
DRAWN	EPO
Q.C.	SKB
APPROVED	

SHARI BARNWELL, P.E.  
 LIC. NO.: 71357

**SUMMARY OF QUANTITIES (4)**

PROJECT NO:	00193-008-017
DATE:	10-01-2012
SHEET NO:	7

**Inventory No. 95 Stop ID No. 727**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 94 Stop ID No. 716**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 97 Stop ID No. 730**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 96 Stop ID No. 715**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

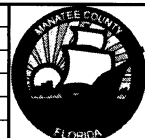
**Inventory No. 100 Stop ID No. 707**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 98 Stop ID No. 712**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 2**

**Cardno TBE**  
 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
 www.cardnotbe.com - 727.531.3505  
 Certificate of Authorization No. 3843

DESIGNED	SKB
DRAWN	EPO
Q.C.	SKB
APPROVED	

SHARI BARNWELL, P.E.  
 LIC. NO.: 71357

**SUMMARY OF QUANTITIES (5)**

PROJECT NO:	00193-008-017
DATE:	10-01-2012
SHEET NO:	8

FILE: J:\00193\00193008-17\ACAD\dwg\PLANS\0193008017-2.dwg LAST SAVED: Thu, 11/08/12 11:46a PLOTTED: Thu, 11/08/12 2:29p BY: Eric Olszewski

**Inventory No. 102 Stop ID No. 736**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	17
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 104 Stop ID No. 687**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	66
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	35
14	570-1-2	PERFORMANCE TURF, SOD	SY	13
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 106 Stop ID No. 685**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 101 Stop ID No. 708**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

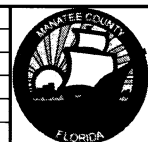
**Inventory No. 103 Stop ID No. 738**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	65
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	4
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	23
14	570-1-2	PERFORMANCE TURF, SOD	SY	12
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 105 Stop ID No. 686**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 2**

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardno.com - 727.531.3505  
Certificate of Authorization No. 3843

DESIGNED SKB  
DRAWN EPO  
Q.C. SKB  
APPROVED SKB

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DATE

**SUMMARY OF QUANTITIES (6)**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
9

**Inventory No. 109 Stop ID No. 680**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MALBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

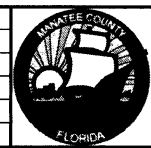
**Inventory No. 108 Stop ID No. 785**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MALBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 110 Stop ID No. 745**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	63
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MALBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 2**

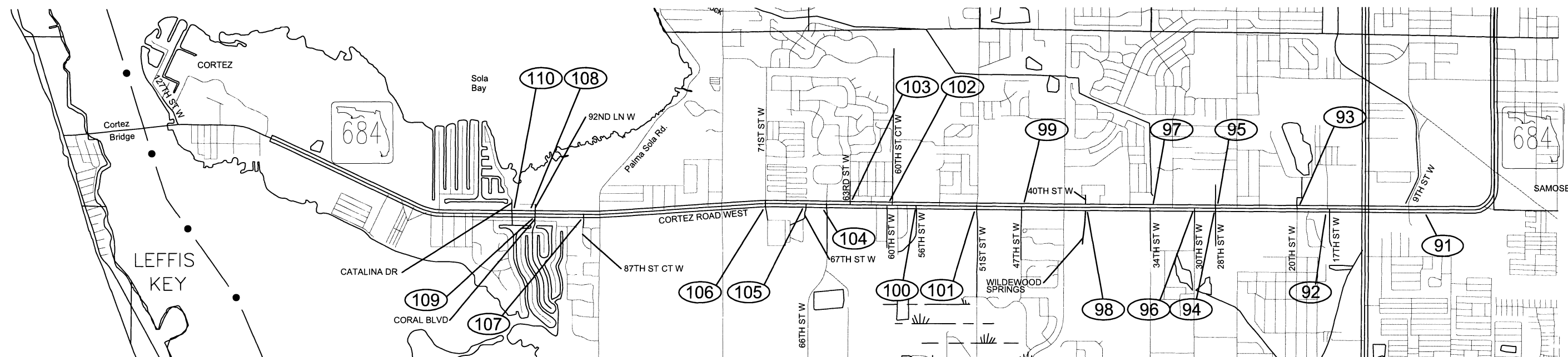
380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED SKB  
DRAWN EPO  
Q.C. SKB  
APPROVED

**SUMMARY OF QUANTITIES (7)**

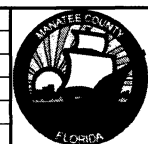
PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
10



**BUS STOP LOCATION MAP**  
**CORTEZ ROAD (S.R. 684) WEST**  
 N.T.S.

XXX = INVENTORY NUMBER

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
 FOR ADA COMPLIANCE  
 PACKAGE A - PLAN SET 2**

**Cardno**  
**TBE**  
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 Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
 LIC. NO.: 71357

DESIGNED SKB  
 DRAWN EPO  
 O.C.  
 APPROVED SKB

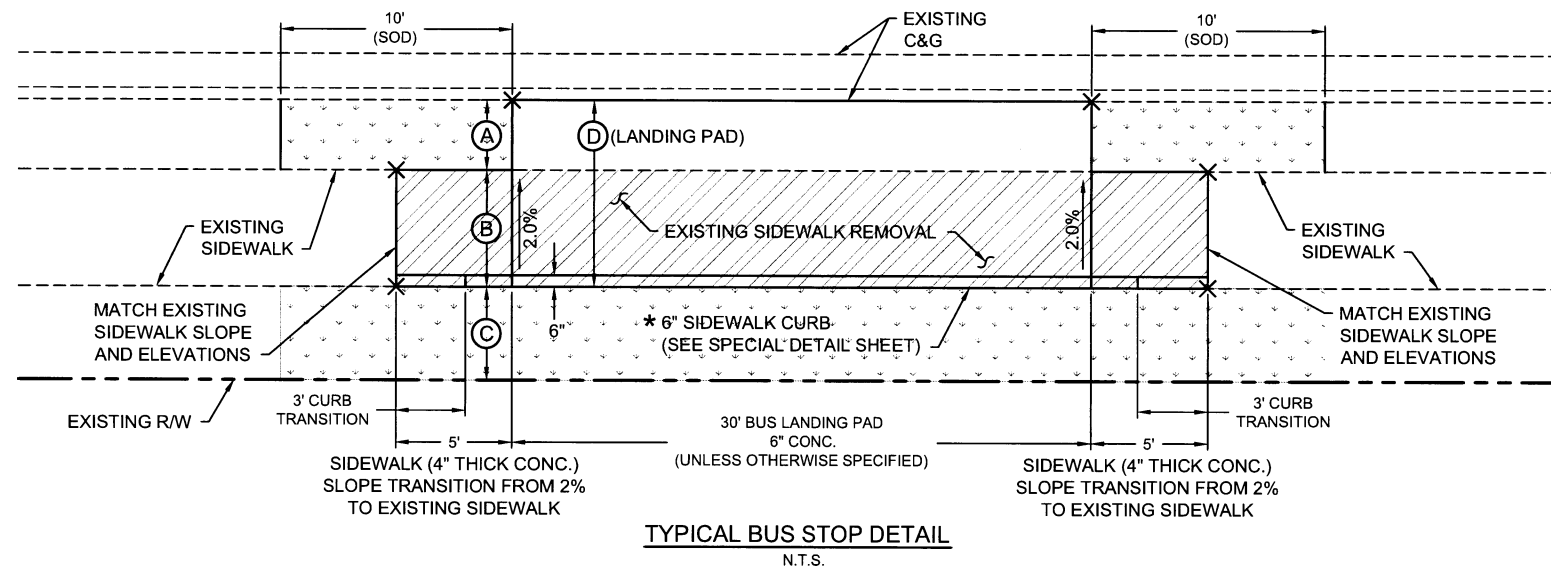
**BUS STOP LOCATION MAP  
 CORTEZ ROAD (S.R. 684) WEST**

PROJECT NO:  
 00193-008-017  
 DATE:  
 10-01-2012  
 SHEET NO:  
 11



TABLE: BUS STOP IMPROVEMENTS (LOCATIONS AND CONSTRUCTION DIMENSIONS)

INVENTORY NO.	STOP I.D.	DESCRIPTION	INTERSECTION LOCATION	CURB RAMP	DIMENSIONS				UTILITY ADJUSTMENTS ANTICIPATED (BY UTILITY OWNER)	BUS STOP DESIGN NOTES / ADDITIONAL ITEMS FOR CONSTRUCTION
					(A)	(B)	(C)	(D)		
91	1350	CORTEZ ROAD WEST / 9TH STREET WEST		N/A	2.5'	5'	0'	7.5'	N/A	RELOCATE BUS STOP SIGN. PLACE LANDING PAD EAST OF POWER POLE.
92	720	CORTEZ ROAD WEST / 17TH STREET WEST		N/A	4'	5'	0'	9'	N/A	N/A
93	725	CORTEZ ROAD WEST / 20TH STREET WEST		N/A	5'	5'	0'	10'	N/A	LOCATE LANDING PAD WEST OF INLET AND EAST OF CABLE LOCATOR PEDESTAL.
94	716	CORTEZ ROAD WEST / 28TH STREET WEST		N/A	5'	5'	0'	10'	N/A	N/A
95	727	CORTEZ ROAD WEST / 28TH STREET WEST		N/A	5'	5'	0'	10'	N/A	PLACE LANDING PAD EAST OF INLET. RELOCATE BUS STOP SIGN.
96	715	CORTEZ ROAD WEST / 30TH STREET WEST		N/A	5'	5'	0'	10'	N/A	LOCATE LANDING PAD WEST OF POWER POLE. RELOCATE BUS STOP SIGN.
97	730	CORTEZ ROAD WEST / 34TH STREET WEST		N/A	5'	5'	0'	10'	N/A	REMOVE OLD SIGN POST.
98	712	CORTEZ ROAD WEST / 40TH STREET WEST		N/A	5'	5'	0'	10'	N/A	LOCATE LANDING PAD WEST OF MANATEE COUNTY FIBER OPTIC PULL BOX TO AVOID UTILITY RELOCATION. RELOCATE BUS STOP SIGN.
99	660	CORTEZ ROAD WEST / 47TH STREET WEST		N/A	5'	5'	0'	10'	N/A	RELOCATE BUS STOP SIGN.
100	707	CORTEZ ROAD WEST / 56TH STREET WEST		N/A	5'	5'	0'	10'	N/A	N/A
101	708	CORTEZ ROAD WEST / 51ST STREET WEST		N/A	5'	5'	0'	10'	N/A	LOCATE LANDING PAD WEST OF FIBER OPTIC PULL BOX. RELOCATE BUS STOP SIGN
102	736	CORTEZ ROAD WEST / 60TH STREET COURT WEST		N/A	5'	5'	0'	10'	N/A	PLACE LANDING PAD EAST OF INLET. LANDING PAD DIMENSIONS TO BE 15' X 10'. AVOID LIGHTING PULL BOX.
103	738	CORTEZ ROAD WEST / 63RD STREET WEST		CR 21 (NW)	5'	5'	0'	10'	N/A	LANDING PAD DIMENSIONS TO BE 20' X 10'. AVOID MONITORING WELL.
104	687	CORTEZ ROAD WEST / 66TH STREET WEST		N/A	5.5'	5'	0'	10.5'	N/A	N/A
105	686	CORTEZ ROAD WEST / 67TH STREET WEST		N/A	4'	5'	0'	9'	N/A	RELOCATE BUS STOP SIGN.
106	685	CORTEZ ROAD WEST / 71ST STREET WEST		N/A	4'	5'	0'	9'	N/A	N/A
107	681	CORTEZ ROAD WEST / 87TH STREET COURT WEST		N/A	4'	5'	0'	9'	N/A	N/A
108	785	CORTEZ ROAD WEST / 92ND LANE WEST		N/A	4'	5'	0'	9'	N/A	N/A
109	680	CORTEZ ROAD WEST / CORAL BOULEVARD		N/A	4'	5'	0'	9'	N/A	N/A
110	745	CORTEZ ROAD WEST / CATALINA DRIVE		N/A	4'	5'	0'	9'	N/A	N/A

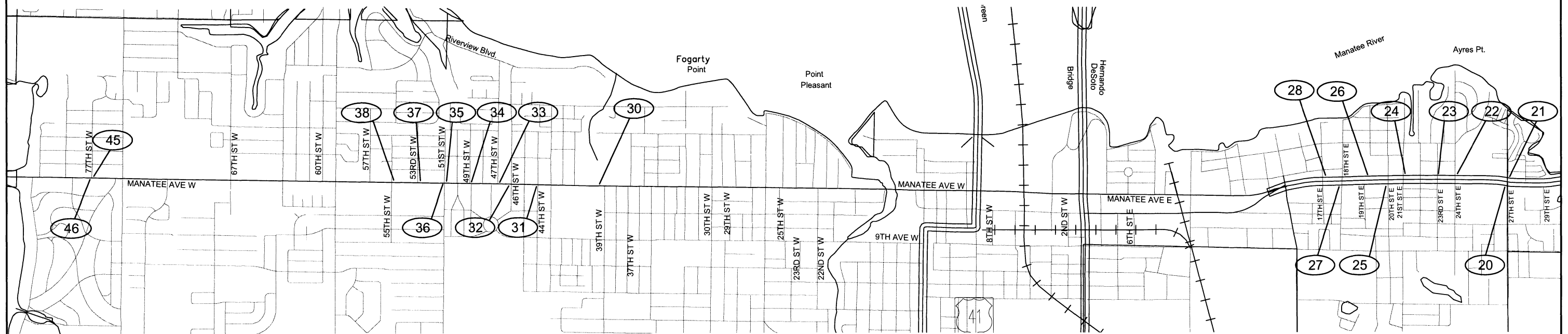


**LEGEND:**

- LIMITS OF CONCRETE REMOVAL
- LIMITS OF SOD
- MATCH EXISTING ELEVATIONS

\*NOTE:  
6" SIDEWALK CURB IS ONLY REQUIRED AT LOCATIONS WHERE BACK OF LANDING PAD AND EXISTING GROUND AT BACK OF LANDING EXCEEDS AN ELEVATION DIFFERENCE GREATER THAN 2".

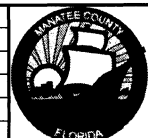
<b>MANATEE COUNTY</b>		<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 2</b>		<b>Cardno TBE</b> <small>380 Park Place Blvd., Suite 300, Clearwater, Florida 33759                  www.cardnotbe.com - 727.531.3505                  Certificate of Authorization No. 3843</small>		DESIGNED: SKB DRAWN: EPO Q.C.: SKB APPROVED: SKB		<b>BUS STOP IMPROVEMENT PLAN CORTEZ ROAD (S.R. 684) WEST</b>		PROJECT NO: 00193-008-017 DATE: 10-01-2012 SHEET NO: 12	
NO.	DESCRIPTION	BY	DATE	<small>FILE: J:\00193\00193008.1\ACAD\dwg\PLANS\IR_CORTEZ-RD_193008017-1.dwg LAST SAVED: Thu, 11/08/12 9:25a PLOTTED: Thu, 11/08/12 2:29p BY: Eric Olszewski</small>							



**BUS STOP LOCATION MAP**  
**MANATEE AVENUE (S.R. 64) WEST/EAST**  
 N.T.S.

(XXX) = INVENTORY NUMBER

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
 FOR ADA COMPLIANCE  
 PACKAGE A - PLAN SET 2**

  
 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
 www.cardnotbe.com - 727.531.3505  
 Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
 LIC. NO.: 71357      DATE

DESIGNED	SKB
DRAWN	SKB
Q.C.	EPO
APPROVED	SKB

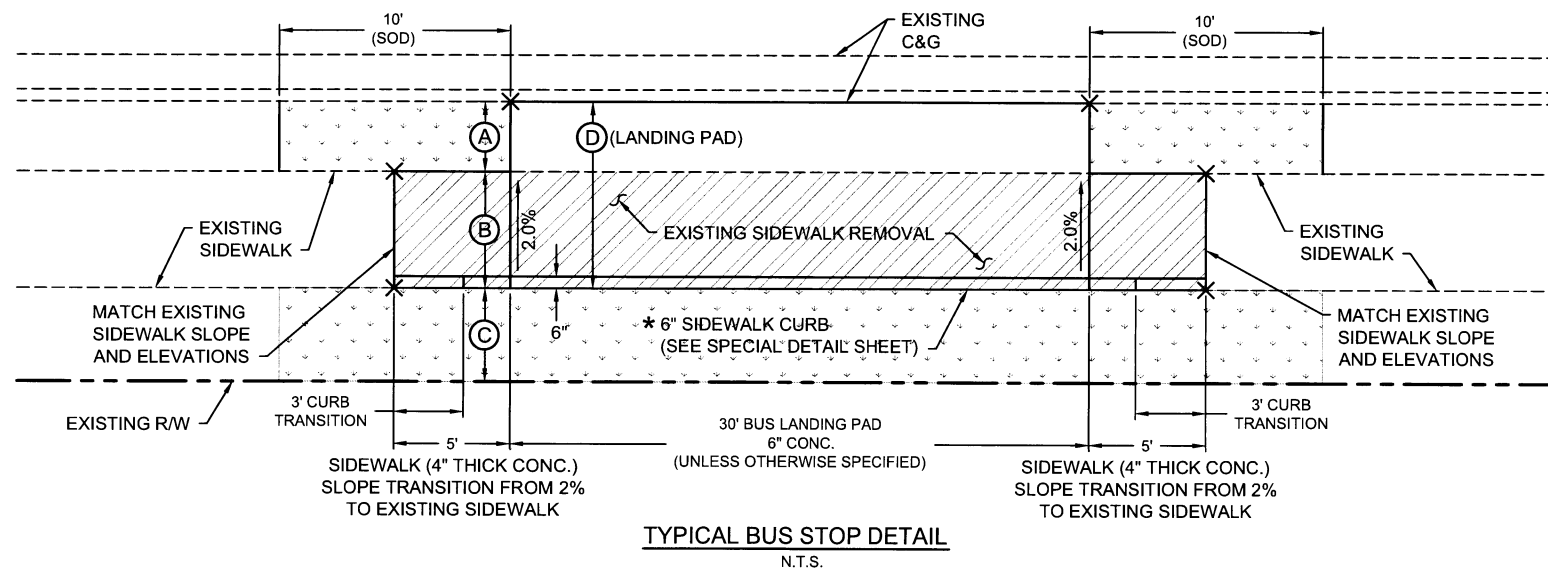
**BUS STOP LOCATION MAP**  
**MANATEE AVENUE (S.R. 64)**  
**WEST/EAST**

PROJECT NO:	00193-008-017
DATE:	10-01-2012
SHEET NO:	13

FILE: J:\00193\00193008-17\ACAD\dwg\PLANS\IR\_MANATEE-AVE\_193008017-1.dwg LAST SAVED: Thu, 11/08/12 9:26a PLOTTED: Thu, 11/08/12 2:29p BY: Eric Olszewski

TABLE: BUS STOP IMPROVEMENTS (LOCATIONS AND CONSTRUCTION DIMENSIONS)

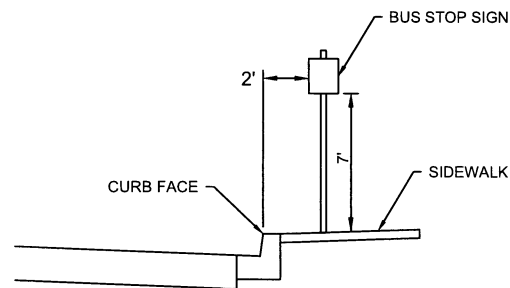
INVENTORY NO.	STOP I.D.	DESCRIPTION	INTERSECTION LOCATION	CURB RAMP	DIMENSIONS				UTILITY ADJUSTMENTS ANTICIPATED (BY UTILITY OWNER)	BUS STOP DESIGN NOTES / ADDITIONAL ITEMS FOR CONSTRUCTION
					(A)	(B)	(C)	(D)		
20	478	MANATEE AVENUE EAST / 27TH STREET EAST		N/A	2.5'	5'	0'	7.5'	N/A	LANDING PAD DIMENSIONS TO BE 5' X 7.5'. LOCATE WEST OF GTE MANHOLE.
21	498	MANATEE AVENUE EAST / 27TH STREET EAST		N/A	6'	5'	9'	11'	N/A	LANDING PAD DIMENSIONS TO BE 5' X 11'.
22	500	MANATEE AVENUE EAST / 24TH STREET EAST		N/A	2.33'	5'	0'	7.5'	N/A	N/A
23	501	MANATEE AVENUE EAST / 23RD STREET EAST		N/A	2.5'	5'	0'	7.5'	N/A	N/A
24	502	MANATEE AVENUE EAST / 21ST STREET EAST		N/A	2.67'	5'	0.67'	7.67'	N/A	N/A
25	475	MANATEE AVENUE EAST / 20TH STREET EAST		N/A	2.5'	5'	0'	7.5'	N/A	N/A
26	503	MANATEE AVENUE EAST / 19TH STREET EAST		N/A	2.5'	5'	0'	7.5'	N/A	LOCATE LANDING PAD EAST OF FIRE HYDRANT.
27	474	MANATEE AVENUE EAST / 18TH STREET EAST		N/A	2.67'	5'	0'	7.67'	WATER METER ADJUST	LOCATE LANDING PAD WEST OF FIRE HYDRANT.
28	504	MANATEE AVENUE EAST / 17TH STREET EAST		N/A	2.5'	5'	0'	7.5'	N/A	LOCATE LANDING PAD EAST OF LIGHT POLE. RELOCATE BUS STOP SIGN.
30	524	MANATEE AVENUE WEST / 39TH STREET WEST		N/A	4'	5'	0'	9'	N/A	AVOID TELEPHONE PEDESTAL.
31	452	MANATEE AVENUE WEST / 44TH STREET WEST		N/A	6'	5'	0'	11'	N/A	RELOCATE BUS STOP SIGN AND PEDESTRIAN CROSSING SIGN.
32	427	MANATEE AVENUE WEST / 46TH STREET WEST		N/A	5.5'	5'	0'	10.5'	N/A	N/A
33	527	MANATEE AVENUE WEST / 47TH STREET WEST		N/A	3.83'	4.83'	0'	8.67'	N/A	LOCATE LANDING PAD EAST OF INLET.
34	528	MANATEE AVENUE WEST / 49TH STREET WEST		N/A	4.83'	5'	0'	9.5'	N/A	LOCATE LANDING PAD EAST OF INLET.
35	529	MANATEE AVENUE WEST / 51ST STREET WEST		N/A	5.83'	5'	0'	10.83'	N/A	LANDING PAD DIMENSIONS TO BE 25' X 10.5'. LOCATE LANDING PAD EAST OF LIGHT POLE. AVOID STREET LIGHTING PULL BOX. RELOCATE BUS STOP SIGN.
36	449	MANATEE AVENUE WEST / 51ST STREET WEST		N/A	10.83'	0'	0'	10'	N/A	RELOCATE BUS STOP SIGN.
37	530	MANATEE AVENUE WEST / 53RD STREET WEST		N/A	5.5'	5'	0'	10.5'	N/A	PLACE LANDING PAD EAST OF INLET.
38	531	MANATEE AVENUE WEST / 55TH STREET WEST		N/A	5.67'	5'	0'	10.67'	N/A	LANDING PAD DIMENSIONS TO BE 25' X 10'.
45	537	MANATEE AVENUE WEST / 77TH STREET WEST		N/A	5.5'	5'	0'	10.5'	N/A	N/A
46	1108	MANATEE AVENUE WEST / 77TH STREET WEST		N/A	6.33'	5'	0'	11.33'	N/A	N/A



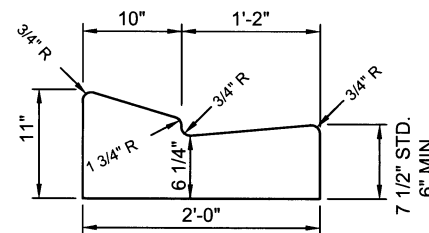
\* NOTE:  
6" SIDEWALK CURB IS ONLY REQUIRED AT LOCATIONS WHERE BACK OF LANDING PAD AND EXISTING GROUND AT BACK OF LANDING EXCEEDS AN ELEVATION DIFFERENCE GREATER THAN 1/2".

LEGEND:  
 LIMITS OF CONCRETE REMOVAL  
 LIMITS OF SOD  
 MATCH EXISTING ELEVATIONS

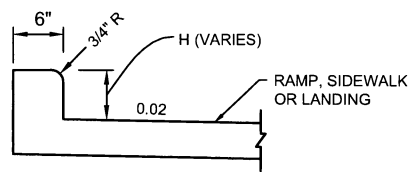
<b>MANATEE COUNTY</b>		<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 2</b>		<b>Cardno TBE</b> <small>380 Park Place Blvd., Suite 300, Clearwater, Florida 33759                  www.cardnotbe.com - 727.531.3505                  Certificate of Authorization No. 3843</small>		DESIGNED: SKB DRAWN: EPO Q.C.: SKB APPROVED: SKB		<b>BUS STOP IMPROVEMENT PLAN                  MANATEE AVENUE (S.R. 64)                  WEST/EAST</b>		PROJECT NO: 00193-008-017 DATE: 10-01-2012 SHEET NO: 14	
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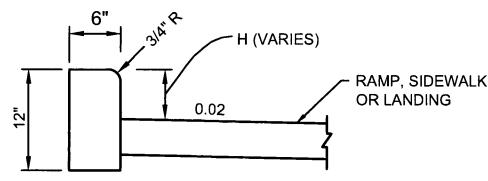
MINIMUM DISTANCE FOR BUS STOP SIGN  
(CURB AND GUTTER CONDITION)



MODIFIED "TYPE E" CURB AND GUTTER



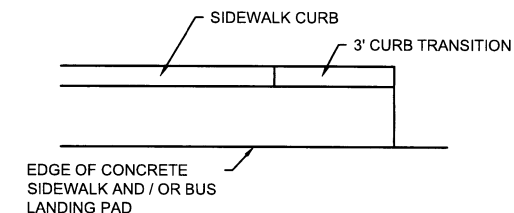
MONOLITHIC CAST CURB



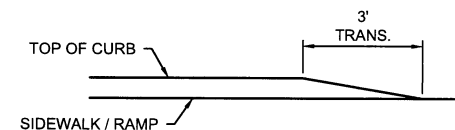
SEPARATELY CAST CURB

BUS LANDING PAD, RAMP AND SIDEWALK CURB OPTIONS

FDOT INDEX 304 - SHEET NO. 4



PLAN

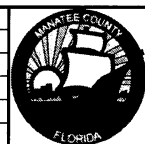


PROFILE

CURB TRANSITION ENDINGS

FDOT INDEX 300 - SHEET 2 OF 2

NO.	DESCRIPTION	BY	DATE



MANATEE COUNTY

BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 2



380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnote.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DATE

DESIGNED SKB  
DRAWN EPO  
Q.C. SKB  
APPROVED

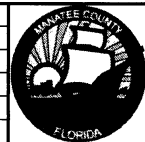
SPECIAL DETAILS

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
15

**MAINTENANCE OF TRAFFIC GENERAL NOTES**

1. THE COST OF MAINTENANCE OF TRAFFIC OPERATIONS SHALL BE INCLUDED UNDER THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC, UNLESS A SEPARATE PAY ITEM IS PROVIDED.
2. THE CONTRACTOR SHALL PROVIDE FOR THE SAFE MOVEMENT OF PEDESTRIANS AND VEHICLES THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING DELIVERIES AND DROP-OFFS IN WORK ZONES.
3. THE CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN, SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER (WITH ADVANCED FDOT MOT CERTIFICATION) FOR REVIEW PRIOR TO IMPLEMENTATION OF THE MAINTENANCE OF TRAFFIC PLAN FOR EACH PHASE OF CONSTRUCTION. MOT PLAN SHALL BE DESIGNED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (LATEST EDITION) AS WELL AS THE FDOT SERIES 600 STANDARD INDEXES. THE PLAN SHALL BE SUBMITTED WITHIN 30 DAYS AFTER CONTRACT AWARD. THE COST OF ALL LABOR AND MATERIALS REQUIRED FOR MAINTENANCE OF TRAFFIC SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN STANDARDS, INDEX SERIES 600", AS AMENDED BY THE SPECIFICATIONS FOR THIS PROJECT.
4. ACCESS SHALL BE CONTINUOUSLY MAINTAINED AT ALL SIDE STREETS AND DRIVEWAYS FOR THE DURATION OF THE PROJECT, UNLESS PREVIOUSLY APPROVED BY MANATEE COUNTY.
5. FOR SIDE STREET INTERSECTIONS, LANE CLOSURE SHALL BE LIMITED TO ONE LANE AT ALL TIMES. AT A MINIMUM, ONE-LANE, TWO-WAY OPERATION SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS. TWO-LANE, TWO-WAY OPERATION SHALL BE MAINTAINED DURING PERIODS OF LANE CLOSURE RESTRICTIONS AND WHEN CONSTRUCTION ACTIVITIES ARE BEYOND THE LIMITS OF THE INTERSECTIONS.
6. DURING PERIODS OF LANE CLOSURES, THE CONTRACTOR SHALL PROVIDE AN FDOT CERTIFIED WORK SITE TRAFFIC SUPERVISOR FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (E.G. BARRICADES, SIGNS, ARROW PANELS, ETC.) AS OUTLINED IN THE FDOT STANDARD SPECIFICATIONS AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
7. THE CONTRACTOR SHALL NOTIFY ALL LOCAL LAW ENFORCEMENT PRIOR TO A LANE CLOSURE THAT WILL EXCEED TWO HOURS.
8. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATION. UNDER THESE CONDITIONS, THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL ALSO RESPOND WITHIN THE CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER OF ANY REQUESTS FOR CORRECTION, IMPROVEMENT, OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES. THE COST OF THIS SERVICE SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 2**

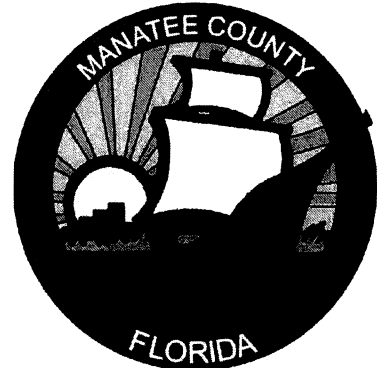
380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED SKB  
DRAWN EPO  
Q.C.  
APPROVED SKB

**TRAFFIC CONTROL NOTES**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
16



CONTRACT DRAWINGS

# MANATEE COUNTY AREA TRANSIT (MCAT) BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE 26TH STREET WEST 59TH STREET WEST MANATEE COUNTY, FLORIDA COUNTY PROJECT NUMBER: 9008930

**RELATED STANDARDS AND SPECIFICATIONS**

**DESCRIPTION**

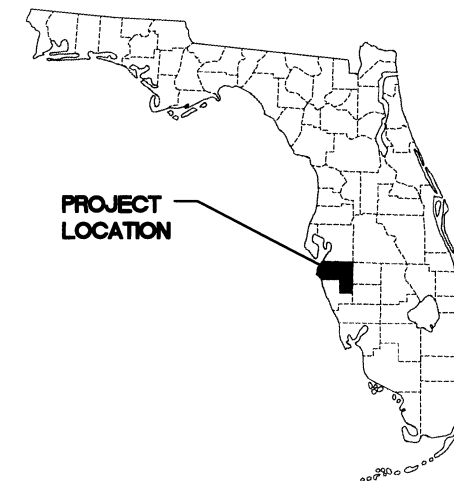
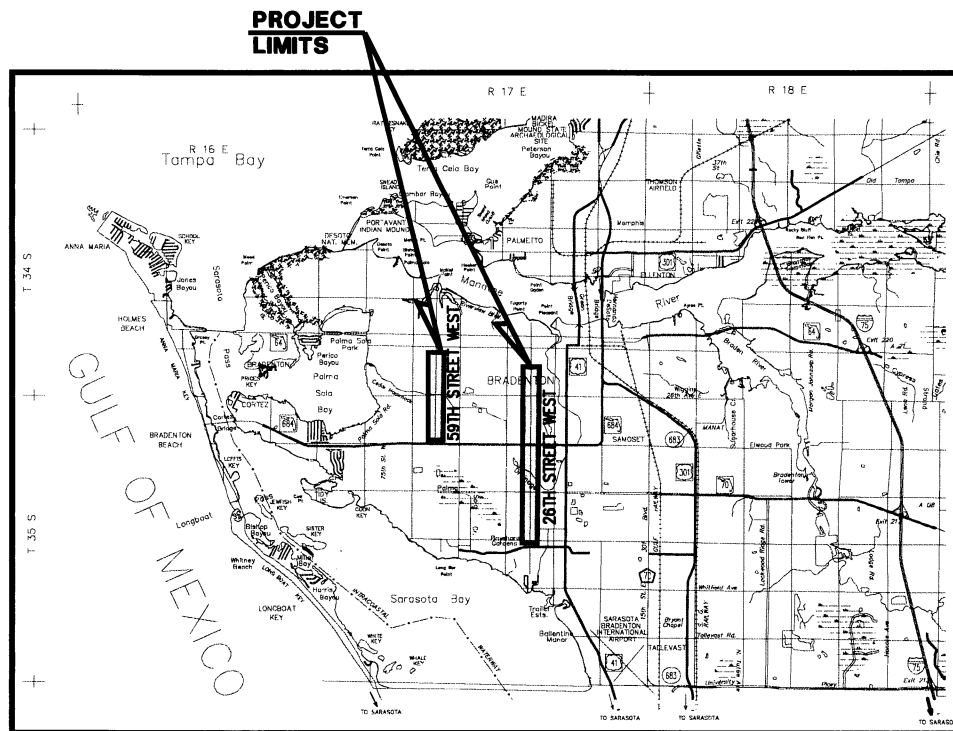
- A. AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES.
- B. MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION, (FLORIDA GREEN BOOK), (2010).
- C. FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, (FISCAL YEAR 2012/2013).
- D. AASHTO, GUIDE FOR PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES, (2004).
- E. FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD), (2009).
- F. CHAPTER 14-96 AND 14-97, FLORIDA ADMINISTRATIVE CODE RULE FOR FDOT CONNECTION PERMIT.
- G. CHAPTER 14-86, FLORIDA ADMINISTRATIVE CODE RULE FOR FDOT DRAINAGE PERMIT.
- H. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010.
- I. FDOT TRANSIT FACILITY HANDBOOK (2007).
- J. ACCESSING TRANSIT DESIGN HANDBOOK FOR FLORIDA PASSENGER FACILITIES, VERSION II (2008).

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

**UTILITY WARNING NOTE**

ABOVE GROUND AND / OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE "ONE CALL" AT 1-800-432-4770 AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES.

SUMMARY OF REVISIONS	
DATE	DESCRIPTION



**COMPONENTS OF CONTRACT PLANS SET**  
ROADWAY PLANS

**INDEX OF ROADWAY PLANS**

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2	SUMMARY OF PAY ITEMS
3	GENERAL NOTES
4-7	SUMMARY OF QUANTITIES
8-9	BUS STOP PLAN 26TH STREET WEST
10-11	BUS STOP PLAN 59TH STREET WEST
12	SPECIAL DETAILS
13	TRAFFIC CONTROL NOTES

PLANS PREPARED BY:



ENGINEER OF RECORD

SHARI BARNWELL, PE      71357  
FL. LICENSE NO.

DATE

**PACKAGE A - PLAN SET 3**  
100% SUBMITTAL  
NOVEMBER 2012

DATE: 9-19-2012  
SHEET: 1

**SUMMARY OF PAY ITEMS**

ITEM NO.	ITEM	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	1,540
104-18	INLET PROTECTION SYSTEM	EA	17
110-1-1	CLEARING AND GRUBBING	LS	1
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	260
110-7-1	MAILBOX, F&I SINGLE	EA	4
120-1	REGULAR EXCAVATION	CY	63
520-1-7	CONCRETE CURB AND GUTTER, TYPE E (MODIFIED)	LF	0
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	245
520-2-4	CONCRETE CURB, TYPE D	LF	0
522-1	SIDEWALK CONCRETE, 4" THICK	SY	650
522-2	SIDEWALK CONCRETE, 6" THICK	SY	505
570-1-2	PERFORMANCE TURF, SOD	SY	256
700-20-40	SIGN SINGLE POST, RELOCATE	AS	23
1000	UTILITY COORDINATION	LS	1

PAY ITEM NOTES:

1. 101-1 MOBILIZATION

BASIS OF PAYMENT FOR THIS ITEM WILL BE LUMP SUM AND WILL INCLUDE ITEMS DESCRIBED IN SECTION 101-1 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010. IN ADDITION, THIS PAY ITEM WILL INCLUDE STAKING OF RIGHT-OF-WAY AND PREPARATION OF RECORD DRAWINGS. PARTIAL PAYMENTS WILL BE MADE UPON COMPLETION OF BUS STOP LOCATIONS UP TO 90 PERCENT OF THE BID PRICE. THE REMAINING 10 PERCENT OF THE BID PRICE WILL BE PAID UPON COUNTY ACCEPTANCE OF THE RECORD DRAWINGS. CONTRACTOR WILL BID LUMP SUM UNIT PRICE FOR ALL BUS STOPS IDENTIFIED ON THIS PLAN SET.

2. 102-1 MAINTENANCE OF TRAFFIC

BASIS OF PAYMENT FOR THIS ITEM WILL BE LUMP SUM AND WILL INCLUDE PREPARING CONTRACTOR'S MOT PLAN SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER, WORK ZONE SIGNS, HIGH INTENSITY FLASHING LIGHTS, BUSINESS SIGNS, TEMPORARY BARRICADES AND CHANNELIZING DEVICES, TYPE C STEADY BURN LIGHTS, TEMPORARY BARRIER WALL, ARROW BOARDS/ ADVANCE WARNING PANELS, PORTABLE CHANGEABLE MESSAGE SIGNS, TEMPORARY PAVEMENT MARKINGS (PAINT OR TAPE), TEMPORARY RETROREFLECTIVE PAVEMENT MARKERS, AND ANY OTHER TRAFFIC CONTROL DEVICES REQUIRED FOR THE MAINTENANCE OF TRAFFIC.

3. 110-1-1 CLEARING AND GRUBBING

CLEARING AND GRUBBING IS PAID FOR AS A LUMP SUM BID ITEM COST FOR THE BUS STOP LOCATIONS IDENTIFIED IN THE PLAN SET. INCLUDES THE COST FOR RELOCATION, REMOVAL OR DISPOSAL OF THE BUS BENCHES. THE CONTRACTOR SHALL COORDINATE WITH THE COUNTY FOR REMOVAL, DISPOSAL OR RELOCATION OF THE BUS BENCH.

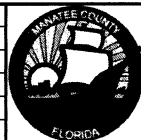
4. 120-1 REGULAR EXCAVATION

PLAN QUANTITY TO BE PAID FOR ESTIMATED AT 3CY PER BUS STOP IMPROVEMENT SITES (INVENTORY SITE)

5. 522-1 AND 522-2 SIDEWALK CONCRETE (4" AND 6" THICK)

INCLUDES THE COST OF SIDEWALK CURB AND SIDEWALK CURB TRANSITIONS AT LOCATIONS OF THE BUS LANDING PAD, CURB RAMPS AND SIDEWALKS. SEE SPECIAL DETAILS SHEET. INCLUDES COST OF DETECTABLE WARNING SURFACE AT NEW CURB RAMPS.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 3**

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357 DATE

DESIGNED SKB  
DRAWN EPO  
Q.C.  
APPROVED SKB

**SUMMARY OF PAY ITEMS**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
2

**GENERAL NOTES**

- THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER PROMPTLY OF ANY DISCREPANCIES.
- THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
- LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR AND ALL UTILITY AGENCIES.  
NOTE: THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE.
- THE CONTRACTOR IS REQUIRED TO SET UP A MEETING BETWEEN MANATEE COUNTY TRAFFIC OPERATIONS TO IDENTIFY ANY PROBLEM AREAS PRIOR TO CONSTRUCTION SO ADJUSTMENTS CAN BE MADE. ANY DAMAGES CAUSED BY THE CONTRACTOR TO MANATEE COUNTY MAINTAINED TRAFFIC CONTROL, ROADWAY LIGHTING, ATMS DEVICES OR FIBER OPTIC FACILITIES SHALL BE REPAIRED TO THE SATISFACTION OF MANATEE COUNTY TRAFFIC OPERATIONS AT THE CONTRACTOR EXPENSE.

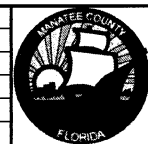
BRIGHTHOUSE NETWORKS	TOM WRIGHT	(941) 748-3816
CITY OF BRADENTON	JIM MCLELLAN	(941) 708-6300 EXT. 235
CITY OF PALMETTO	ALLEN TUSING	(941) 723-4582 EXT 210
MDU PRO	RUSS BELL	(954) 517-7950
FP&L	GREG COKER	(941) 723-4430
VERIZON	DENISE HUTTON	(941) 906-6722
MANATEE COUNTY TRANSPORTATION	VISHAL KAKKAD	(941) 749-3500, EXT. 7812
MANATEE COUNTY UTILITIES	JEFF STREITMATTER	(941) 708-7450
CROWN CASTLE NETWORKS	ARMANDO HERNANDEZ	(813) 447-0333
TECO PEOPLES GAS	DANNY SHANAHAN	(941) 342-4006
PEACE RIVER ELECTRIC COOPERATIVE	DAVID. MCCLINTOCK	(863) 767-4621
UNIVERSAL CABLEVISION	JOHN MANNY	(941) 756-5460

- EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE FOLLOWING UTILITIES MAY HAVE LINES AND FACILITIES WITHIN THE PROJECT AREA.
- ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL (1-800-432-4770) AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. THE CONTRACTOR SHALL FURTHER COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS.
- ALL EXISTING WATER MAINS, SANITARY SEWER, AND OTHER UTILITIES SHALL REMAIN IN SERVICE UNTIL THE RELOCATED UTILITIES ARE PLACED IN SERVICE.
- ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN ANY SIDEWALK OR PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEWALK OR PAVEMENT SURFACE. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR, BICYCLE, OR PEDESTRIAN TRAFFIC SHALL BE ADJUSTED SO THAT THE TOP SURFACE OR COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE. WHERE SODDING IS APPLIED, "FINISHED GRADE" SHALL BE THE NOMINAL HEIGHT OF GRASS AFTER THE SOD IS FIRMLY PLACED.
- SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.

- THE CONTRACTOR SHALL HAVE A FOREMAN, OR RESPONSIBLE PARTY, ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE COUNTY INSPECTOR. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT-RELATED ISSUES.
- ALL EXISTING STORM PIPES WITHIN THE AFFECTED RIGHT-OF-WAY CORRIDOR ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL AND SEDIMENT CONTROL, IN ACCORDANCE WITH FDOT INDEX 102, THROUGHOUT THE DURATION OF THE PROJECT AND ALL ASPECTS OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE RESTORATION EFFORTS THAT MAY BE REQUIRED AS A RESULT OF CONSTRUCTION. THE CONTRACTOR SHALL USE WHATEVER METHODS, CONFORMING TO APPLICABLE STANDARDS, NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT.
- ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE ERECTED PRIOR TO ANY LAND ALTERATIONS, SHALL BE MAINTAINED IN GOOD WORKING ORDER DURING CONSTRUCTION, AND REMOVED FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCES AND STAKED TURBIDITY BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE/BARRIER. STOCKPILE AREAS SHALL INCLUDE SILT FENCE AROUND THE PERIMETER.
- THE CONTRACTOR SHALL NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE FLOW OVERLAND OR WITHIN THE RESHAPED SWALES. FLOW WITHIN EXISTING DRAINAGE PIPES SHALL BE MAINTAINED AT ALL TIMES. STORMWATER WILL BE CONVEYED VIA EXISTING SWALES, DITCHES, PROPOSED DITCHES, AND EXISTING AND PROPOSED STORM SEWERS.
- CONTRACTOR SHALL CHECK ALL EROSION AND SILTATION CONTROL DEVICES WEEKLY, AND AFTER EACH RAINFALL, AND REPAIR AND REPLACE THEM AS REQUIRED. MAINTENANCE AND INSPECTION OF THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION CONTROL SHALL BE INCLUDED IN THE COST OF PAY ITEMS LISTED.
- WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 1-FOOT BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
- ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM CLEARING AND GRUBBING. COORDINATION WITH THE COUNTY IS REQUIRED FOR REMOVAL, DISPOSAL OR RELOCATION OF THE BUS BENCH.
- ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS DIRECTED BY THE ENGINEER. SEEDING AND MULCHING SHALL BE APPLIED ONLY WHERE SPECIFICALLY CALLED FOR IN THE PLANS AND SPECIFICATIONS, OR WHERE SPECIFICALLY DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL BACKFILL AREAS TO BE SODDED WITH CLEAN FILL TO MAINTAIN PROPER GRADE OF THE PLANTING AREA, AND THE SOD SHALL BE PROPERLY CUT-IN AND TAMPED, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF, SOD.
- SOD STABILIZATION SHALL OCCUR WITHIN 72 HOURS OF ACHIEVING FINAL GRADE. ALL SLOPES STEEPER THAN 3:1 SHALL INCLUDE SOD STAPLING OR STAKING, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF, SOD (SY).
- THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.

- UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE, AT A SUITABLE SITE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITTING FEES REQUIRED FOR THE TRANSPORT AND DISPOSAL OF UNSUITABLE MATERIAL.
- BORROW MATERIAL REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR, FROM BORROW AREAS PROVIDED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY PRIVATELY OWNED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE THE DESIGNATED AREA OF CONSTRUCTION WHICH ARE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER AT THE EXPENSE OF THE CONTRACTOR. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
- EXISTING ROADWAY MATERIALS SUCH AS SHELL, MARL, OR LIMESTONE SUITABLE FOR SUCH MAY BE UTILIZED IN THE PREPARATION OF STABILIZED SUBGRADE.
- THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION, WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
- ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE STAKE-OUT OF THE PROJECT, I.E., LINE, GRADE, SLOPE, UTILITY RELOCATIONS OR ANY OTHER STAKE-OUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
- STAKING OF ROW: CONTRACTOR SHALL STAKE ALL ROW CORNERS AND INTERMITTENT ROW STAKES TO CLEARLY DEFINE THE ROW LOCATION FOR ALL CONTRACTOR, UTILITIES, AND COUNTY REPRESENTATIVES. THE ROW SHALL BE STAKED WITHIN 20 DAYS FROM NTP AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. PAYMENT FOR STAKING OF ROW WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
- OVERALL CLEAN-UP SHALL BE ACCOMPLISHED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR MOBILIZATION.
- RECORD DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR. PAYMENT FOR RECORD DRAWINGS WILL BE INCLUDED IN PAY ITEM 101-1, MOBILIZATION.
- ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
- ANY U.S.C. AND G.S. MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHOULD NOTIFY:  
  
DIRECTOR, CHARTING AND GEODETIC SERVICES  
6001 EXECUTIVE BLVD  
ATTN C172  
ROCKVILLE, MARYLAND 20852  
PHONE: (301) 443-8319
- ALL CONSTRUCTION WITHIN FDOT RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH CURRENT FDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION AND THE DESIGN STANDARDS.
- ANY WATER WELLS FOUND WITHIN THE LIMITS OF PROPOSED RIGHT-OF-WAY SHALL BE ABANDONED BY A FLORIDA LICENSED WATER WELL CONTRACTOR IN ACCORDANCE WITH RULE 40D-3.531(2), F.A.C. ALSO REFER TO 40D-40.301(1)(F, H), F.A.C. THE COST OF ABANDONING ANY WELLS SHALL BE INCLUDED IN THE COST OF CLEARING AND GRUBBING.
- FOR PLACEMENT LOCATION OF THE BUS LANDING PAD AREA, THE CONTRACTOR SHOULD MAINTAIN A MINIMUM OF 12 FEET FROM THE TANGENT OF THE INTERSECTING ROADWAY AND A MINIMUM OF 15 FEET LATERALLY FROM A FIRE HYDRANT, POWER POLE AND/OR LIGHT POLE.
- THE CONTRACTOR SHOULD NOT PROPOSE CONSTRUCTION AT TWO CONSECUTIVE BUS STOPS ON THE SAME ROADWAY IN THE SAME DIRECTION, AT THE SAME TIME.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 3**

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardno.com - 727.531.3505  
Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED SKB  
DRAWN EPO  
Q.C.  
APPROVED SKB

**GENERAL NOTES**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
3



**Inventory No. 54 Stop ID No. 768**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	14
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	30
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	34
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	18
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	2

**Inventory No. 50 Stop ID No. 765**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	3.5
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	15
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	27
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	18
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 56 Stop ID No. 938**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	14
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	30
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	17
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	2

**Inventory No. 55 Stop ID No. 939**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	14
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	30
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	66
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	18
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	4

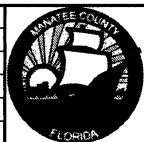
**Inventory No. 58 Stop ID No. 1057**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	90
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	30
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	32
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	20
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 57 Stop ID No. 937**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	80
4	104-18	INLET PROTECTION SYSTEM	EA	2
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	7
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	30
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	33
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	25
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 3**

380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
www.cardnotbe.com - 727.531.3505  
Certificate of Authorization No. 3543

DESIGNED	SKB
DRAWN	EPO
Q.C.	SKB
APPROVED	SKB

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

**SUMMARY OF QUANTITIES (1)**

PROJECT NO:	00193-008-017
DATE:	10-01-2012
SHEET NO:	4

**Inventory No. 060 Stop ID No. 935**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	4
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	15
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	56
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	20
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 63 Stop ID No. 934**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	150
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	0
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	100
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	17
14	570-1-2	PERFORMANCE TURF, SOD	SY	33
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 65 Stop ID No. 775**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	5
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	9
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 059 Stop ID No. 771**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	20
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 62 Stop ID No. 774**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	4
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	20
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	17
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	17
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 64 Stop ID No. 908**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	0
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	17
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	10
14	570-1-2	PERFORMANCE TURF, SOD	SY	18
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 3**

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www.cardnote.com - 727.531.3505  
Certificate of Authorization No. 3843

DESIGNED SKB  
DRAWN EPO  
Q.C.  
APPROVED SKB  
SHARI BARNWELL, P.E.  
LIC. NO.: 71357 DATE

**SUMMARY OF QUANTITIES (2)**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
5

**Inventory No. 67 Stop ID No. 932**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	33
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 66 Stop ID No. 909**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	140
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	4
7	110-7-1	MAILBOX, F&I, SINGLE	EA	3
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	15
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	60
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	29
14	570-1-2	PERFORMANCE TURF, SOD	SY	27
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 069 Stop ID No. 911**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	80
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	15
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	27
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 68 Stop ID No. 910**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	25
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	15
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	18
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	24
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 72 Stop ID No. 71**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	18
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	6
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	30
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	0

**Inventory No. 71 Stop ID No. 914**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	0
7	110-7-1	MAILBOX, F&I, SINGLE	EA	1
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	89
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	17
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	2

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 3**

**Cardno TBE**  
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 www.cardnotbe.com - 727.531.3505  
 Certificate of Authorization No. 3843

DESIGNED SKB  
 DRAWN EPO  
 Q.C. SKB  
 APPROVED  
 SHARI BARNWELL, P.E.  
 LIC. NO.: 71357 DATE

**SUMMARY OF QUANTITIES (3)**

PROJECT NO: 00193-008-017  
 DATE: 10-01-2012  
 SHEET NO: 6

**Inventory No. 125 Stop ID No. 440**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	80
4	104-18	INLET PROTECTION SYSTEM	EA	0
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	15
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	15
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	34
14	570-1-2	PERFORMANCE TURF, SOD	SY	20
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	3

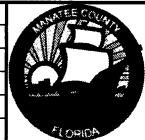
**Inventory No. 73 Stop ID No. 922**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	0
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	12
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	27
14	570-1-2	PERFORMANCE TURF, SOD	SY	6
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

**Inventory No. 129 Stop ID No. 689**

NO.	PAY ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
1	101-1	MOBILIZATION	LS	1
2	102-1	MAINTENANCE OF TRAFFIC	LS	1
3	104-10-3	SEDIMENT BARRIER	LF	60
4	104-18	INLET PROTECTION SYSTEM	EA	1
5	110-1-1	CLEARING AND GRUBBING	LS	1
6	110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	23
7	110-7-1	MAILBOX, F&I, SINGLE	EA	0
8	120-1	REGULAR EXCAVATION	CY	3
9	520-1-7	CONCRETE CURB & GUTTER, TYPE E (MODIFIED)	LF	0
10	520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	0
11	520-2-4	CONCRETE CURB, TYPE D	LF	0
12	522-1	CONCRETE SIDEWALK, 4" THICK	SY	7
13	522-2	CONCRETE SIDEWALK, 6" THICK	SY	29
14	570-1-2	PERFORMANCE TURF, SOD	SY	20
15	700-20-40	SINGLE POST SIGN, RELOCATE	AS	1

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 3**

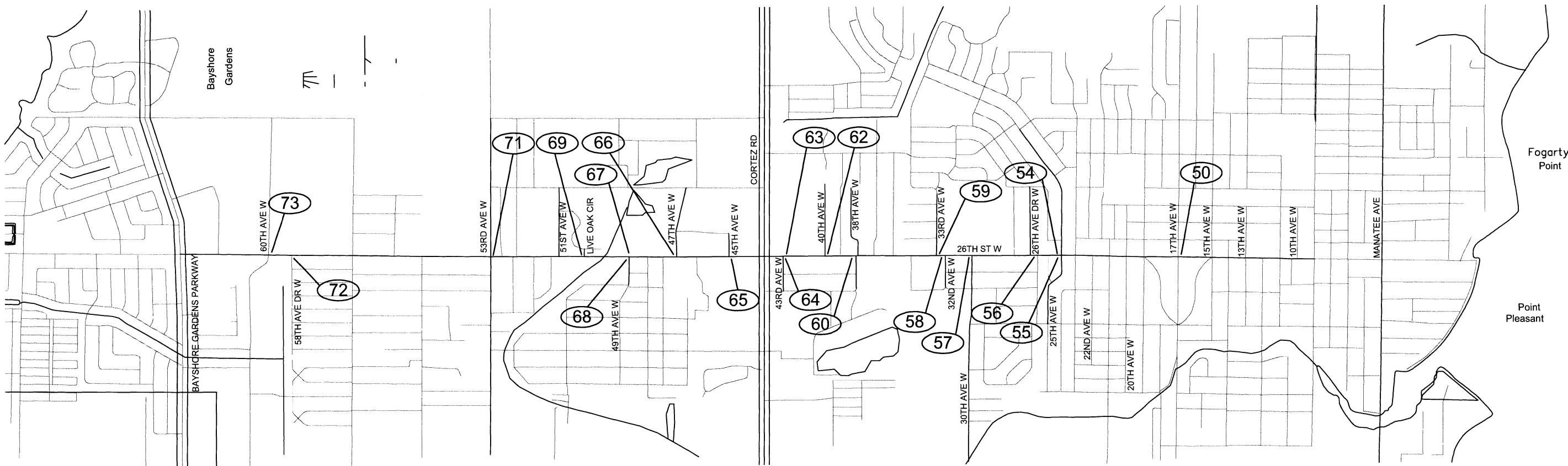
380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
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Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357

DESIGNED SKB  
DRAWN EPO  
Q.C. SKB  
APPROVED

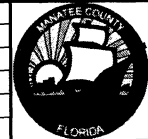
**SUMMARY OF QUANTITIES (4)**

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
7



**BUS STOP LOCATION MAP**  
**26TH STREET WEST**  
 N.T.S.

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
 FOR ADA COMPLIANCE  
 PACKAGE A - PLAN SET 3**



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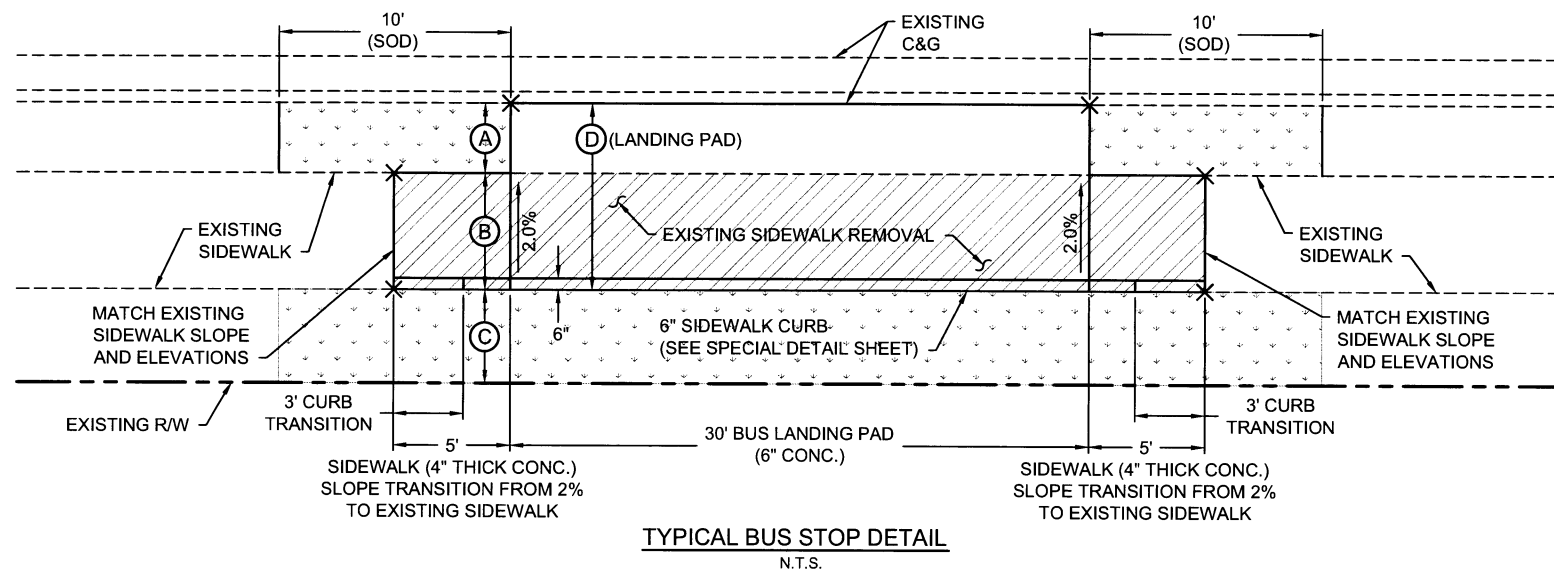
DESIGNED SKB  
 DRAWN EPO  
 Q.C. SKB  
 APPROVED  
 SHARI BARNWELL, P.E.  
 LIC. NO.: 71357 DATE

**BUS STOP LOCATION MAP  
 26TH STREET WEST**

PROJECT NO:  
 00193-008-017  
 DATE:  
 10-01-2012  
 SHEET NO:  
 8

TABLE: BUS STOP IMPROVEMENTS (LOCATIONS AND CONSTRUCTION DIMENSIONS)

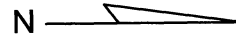
INVENTORY NO.	STOP I.D.	DESCRIPTION	INTERSECTION LOCATION	SIDEWALK (4" CONC.)	CURB RAMP	DIMENSIONS				UTILITY ADJUSTMENT ANTICIPATED (BY UTILITY OWNERS)	BUS STOP DESIGN NOTES / ADDITIONAL ITEMS FOR CONSTRUCTION
						(A)	(B)	(C)	(D)		
50	765	26TH STREET WEST / 17TH AVENUE WEST		40' X 6'	(1) CR 21 (NW)	7.5	0'	0'	7.5'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO NW CORNER OF INTERSECTION 40' LONG X 6' WIDE. RELOCATE SIGN.
54	768	26TH STREET WEST / 25TH AVENUE WEST		40' X 6'	(3) CR 2	6'	0'	0'	6'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO NW CORNER OF INTERSECTION 40' LONG X 6' WIDE. CONSTRUCT (2) CR 2 CURB RAMPS ON NW CORNER AT EB CROSSING AND SB CROSSING. CONSTRUCT (1) CR 2 CURB RAMP ON SW CORNER.
55	939	26TH STREET WEST / 25TH AVENUE WEST		100' X 6'	(2) CR 21, (1) CR 2	6'	0'	0'	6'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO SE CORNER OF INTERSECTION 100' LONG X 6' WIDE. RELOCATE BUS STOP SIGN. RELOCATE PED CROSSING SIGN ON SE CORNER AND LEFT LANE ENDS SIGN ON NE CORNER. ADD CR 2 CURB RAMP ON NE CORNER AT WB CROSSING. AVOID F/O PULL BOX.
56	938	26TH STREET WEST / 26TH AVENUE DRIVE WEST		25' X 6'	(2) CR 21	5.33'	0'	2.67'	8'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO SCHOOL DRIVEWAY TO THE NORTH 25' LONG X 6' WIDE. RELOCATE BUS STOP SIGN AND DO NOT ENTER SIGN. REMOVE SHRUBS.
57	937	26TH STREET WEST / 30TH AVENUE WEST		40' X 6'	(1) CR 21 (SE)	7.5'	0'	0'	7.5'	N/A	LOCATE LANDING PAD SOUTH OF DRIVEWAY. ADD SIDEWALK (4" CONC.) CONNECTION TO SE CORNER 40' LONG X 6' WIDE. REMOVE ASPHALT DRIVEWAY. RELOCATE BUS STOP SIGN.
58	1057	26TH STREET WEST / 32ND AVENUE WEST		30' X 6'	(2) CR 21	6'	0'	0'	6'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO SE CORNER OF INTERSECTION 30' LONG X 6' WIDE. PLACE LANDING PAD SOUTH OF MANHOLE.
59	771	26TH STREET WEST / 33RD AVENUE WEST		N/A	N/A	2'	4'	0'	6'	N/A	N/A
60	935	26TH STREET WEST / 38TH AVENUE WEST		75' X 6'	(1) CR 21	6'	0'	0'	6'	N/A	PLACE LANDING PAD SOUTH OF CABLE PULL BOX. ADD SIDEWALK (4" CONC.) CONNECTION 75' X 6' FROM 38TH AVENUE WEST TO DRIVEWAY TO THE SOUTH.
62	774	26TH STREET WEST / 40TH AVENUE WEST		30' X 5'	(1) CR 21	5'	0'	0'	5'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO NW CORNER 30' LONG X 5' WIDE. REPLACE 20' LONG TYPE F CURB AND GUTTER
63	934	26TH STREET WEST / 43RD AVENUE WEST		150' X 6'	N/A	5'	0'	0'	5'	(4) WM VALVE ADJ.	ADD SIDEWALK (4" CONC.) CONNECTION TO EXISTING SIDEWALK TO THE NORTH AND TO THE SECOND DRIVEWAY TO THE SOUTH 150' LONG X 6' WIDE.
64	908	26TH STREET WEST / 43RD AVENUE WEST		50' X 3'	N/A	3'	0'	0'	3'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION BETWEEN THE TWO DRIVEWAYS 50' LONG X 3' WIDE. LOCATE LANDING PAD NORTH OF CABLE ROUTE MARKER.
65	775	26TH STREET WEST / 45TH AVENUE WEST		N/A	N/A	3'	4'	0'	7'	N/A	LOCATE LANDING PAD NORTH OF INLET.
66	909	26TH STREET WEST / 47TH AVENUE WEST		90' X 6'	(1) CR 21	12'	0'	0'	8.5'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO THE SIDEWALK TO THE NORTH AND NW CORNER OF INTERSECTION 90' LONG X 6' WIDE. RELOCATE (3) MAIL BOXES.
67	932	26TH STREET WEST / 49TH AVENUE WEST		N/A	N/A	4.83'	5'	0'	9.83'	N/A	N/A
68	910	26TH STREET WEST / 49TH AVENUE WEST		N/A	(1) CR 21	3'	4'	0'	7'	N/A	LOCATE LANDING PAD 15' SOUTH OF POWER POLE. RELOCATE BUS STOP SIGN.
69	911	26TH STREET WEST / LIVE OAK CIRCLE		40' X 6'	(1) CR 21	8'	0'	0'	8'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO ENTRANCE AT OAKWOOD VILLAS 40' LONG X 6' WIDE.
71	914	26TH STREET WEST / 53RD AVENUE WEST		150' X 5'	(1) CR 21	5'	0'	0'	5'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION TO RAMP AND 52ND AVENUE WEST 150' LONG X 5' WIDE. SIDEWALK SHOULD MEANDER AROUND POWER POLES. RELOCATE MAIL BOX AND PEDESTRIAN CROSSING SIGN.
72	71	26TH STREET WEST / 58TH AVENUE DRIVE WEST		N/A	N/A	5'	4'	0'	9'	N/A	LOCATE LANDING PAD 15' NORTH OF POWER POLE.
73	922	26TH STREET WEST / 60TH AVENUE WEST		20' X 5'	N/A	19.5'	5'	0'	8'	N/A	ADD SIDEWALK (4" CONC.) CONNECTION FROM NEW BUS STOP TO EXISTING SIDEWALK 20' LONG X 5' WIDE PERPENDICULAR TO BUS PAD AND SW. RELOCATE BUS STOP SIGN.



NOTE:  
6" SIDEWALK CURB IS ONLY REQUIRED AT LOCATIONS WHERE BACK OF LANDING PAD AND EXISTING BACK OF LANDING EXCEEDS AN ELEVATION DIFFERENCE GREATER THAN 1/2".

LEGEND:  
 LIMITS OF CONCRETE REMOVAL  
 LIMITS OF SOD  
 MATCH EXISTING ELEVATIONS

	<b>MANATEE COUNTY</b>	<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 3</b>		380 Park Place Blvd., Suite 300, Clearwater, Florida 33759 www.cardnotbe.com - 727.531.3505 Certificate of Authorization No. 3843	DESIGNED SKB DRAWN EPO Q.C. APPROVED SKB	<b>BUS STOP PLAN 26TH STREET WEST</b>	PROJECT NO: 00193-008-017
					SHARI BARNWELL, P.E. LIC. NO.: 71357		DATE



**BUS STOP LOCATION MAP**  
**59TH STREET WEST**  
 N.T.S.

XXX = INVENTORY NUMBER

NO.	DESCRIPTION	BY	DATE



**MANATEE COUNTY**

**BUS STOP IMPROVEMENTS  
 FOR ADA COMPLIANCE  
 PACKAGE A - PLAN SET 3**



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 Certificate of Authorization No. 3843

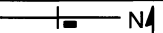

SHARI BARNWELL, P.E.  
 LIC. NO.: 71357

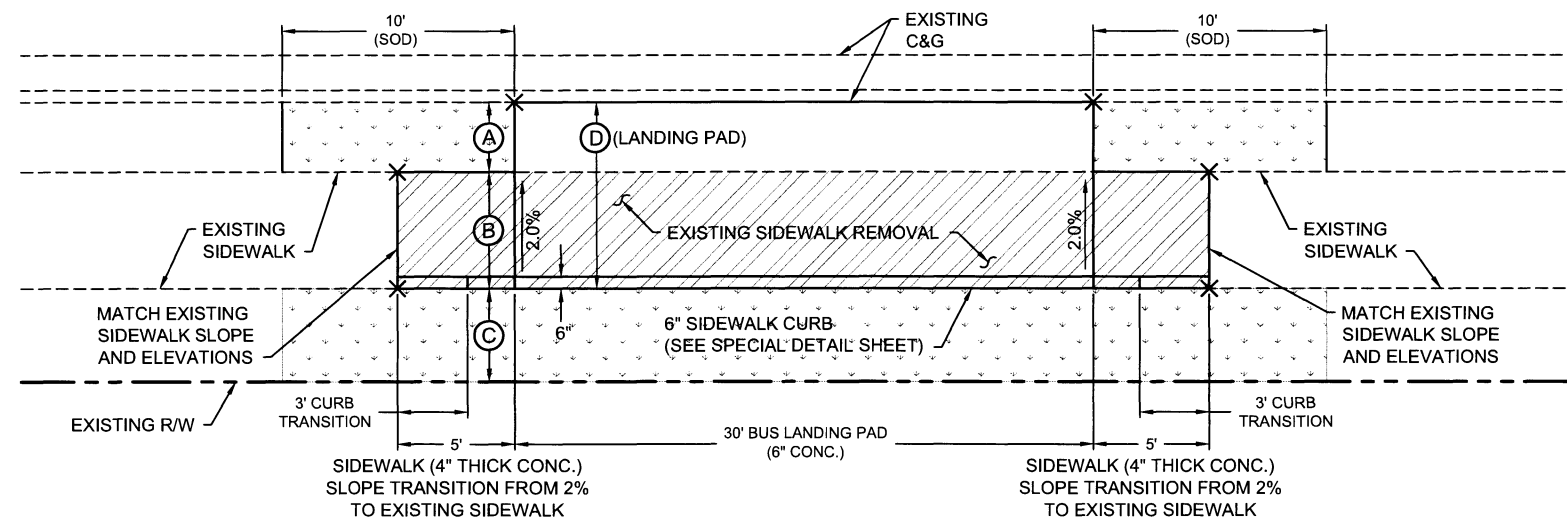
DESIGNED SKB  
 DRAWN EPO  
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 APPROVED

**BUS STOP LOCATION MAP  
 59TH STREET WEST**

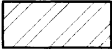


PROJECT NO:  
 00193-008-017  
 DATE:  
 10-01-2012  
 SHEET NO:  
 10

TABLE: BUS STOP IMPROVEMENTS (LOCATIONS AND CONSTRUCTION DIMENSIONS)



INVENTORY NO.	STOP I.D.	DESCRIPTION	INTERSECTION LOCATION	CURB RAMP	DIMENSIONS				UTILITY ADJUSTMENTS ANTICIPATED (BY UTILITY OWNER)	BUS STOP DESIGN NOTES / ADDITIONAL ITEMS FOR CONSTRUCTION
					(A)	(B)	(C)	(D)		
125	440	59TH STREET WEST / 17TH AVENUE WEST		N/A	10'	4.5'	0'	10'	N/A	LOCATE LANDING PAD NORTH OF STREET LIGHTING PULL BOX.
129	689	59TH STREET WEST / 43RD AVENUE WEST		N/A	20'	5'	0'	8'	N/A	LOCATE LANDING PAD 30' SOUTH OF LIGHT POLE. ADD SIDEWALK (4" CONC.) CONNECTION FROM BUS STOP TO EXISTING SIDEWALK 11.5' LONG X 5' WIDE. RELOCATE SIGN.



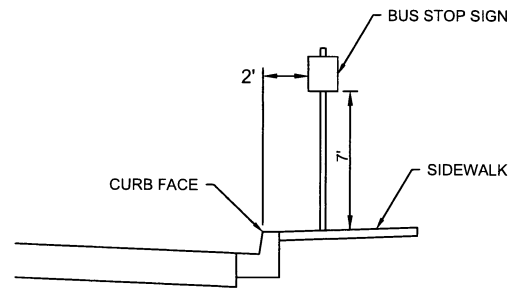
TYPICAL BUS STOP DETAIL  
N.T.S.

- LEGEND:
-  LIMITS OF CONCRETE REMOVAL
  -  LIMITS OF SOD
  -  MATCH EXISTING ELEVATIONS

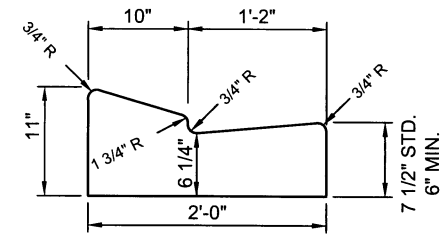
NOTE:  
6" SIDEWALK CURB IS ONLY REQUIRED AT LOCATIONS WHERE BACK OF LANDING PAD AND EXISTING BACK OF LANDING EXCEEDS AN ELEVATION DIFFERENCE GREATER THAN 1/2".

	 <b>MANATEE COUNTY</b>	<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 3</b>	 380 Park Place Blvd., Suite 300, Clearwater, Florida 33759 www.cardnotbe.com - 727.531.3505 Certificate of Authorization No. 3843	SHARI BARNWELL, P.E. LIC. NO.: 71357	DESIGNED SKB DRAWN EPO Q.C. SKB APPROVED	<b>BUS STOP PLAN 59TH STREET WEST</b>	PROJECT NO: 00193-008-017 DATE: 10-01-2012 SHEET NO: 11
NO.	DESCRIPTION	BY	DATE				

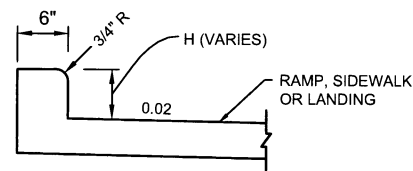




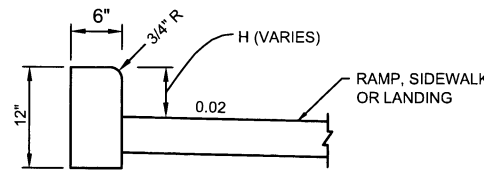
MINIMUM DISTANCE FOR BUS STOP SIGN  
(CURB AND GUTTER CONDITION)



MODIFIED "TYPE E" CURB AND GUTTER



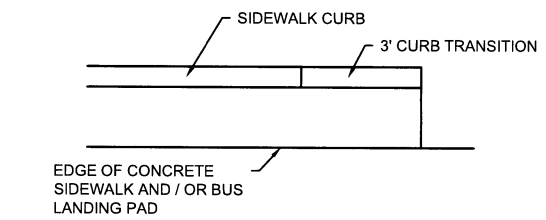
MONOLITHIC CAST CURB



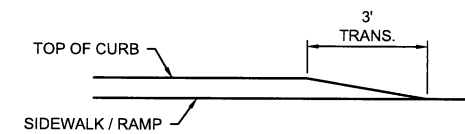
SEPARATELY CAST CURB

BUS LANDING PAD, RAMP AND SIDEWALK CURB OPTIONS

FDOT INDEX 304 - SHEET NO. 4



PLAN

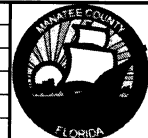


PROFILE

CURB TRANSITION ENDINGS

FDOT INDEX 300 - SHEET 2 OF 2

NO.	DESCRIPTION	BY	DATE



MANATEE COUNTY

BUS STOP IMPROVEMENTS  
FOR ADA COMPLIANCE  
PACKAGE A - PLAN SET 3



380 Park Place Blvd., Suite 300, Clearwater, Florida 33759  
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Certificate of Authorization No. 3843

SHARI BARNWELL, P.E.  
LIC. NO.: 71357



DESIGNED SKB  
DRAWN EPO  
Q.C. SKB  
APPROVED

SPECIAL DETAILS

PROJECT NO:  
00193-008-017  
DATE:  
10-01-2012  
SHEET NO:  
12

**MAINTENANCE OF TRAFFIC GENERAL NOTES**

1. THE COST OF MAINTENANCE OF TRAFFIC OPERATIONS SHALL BE INCLUDED UNDER THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC, UNLESS A SEPARATE PAY ITEM IS PROVIDED.
2. THE CONTRACTOR SHALL PROVIDE FOR THE SAFE MOVEMENT OF PEDESTRIANS AND VEHICLES THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING DELIVERIES AND DROP-OFFS IN WORK ZONES.
3. THE CONTRACTOR SHALL PROVIDE A MAINTENANCE OF TRAFFIC PLAN, SIGNED AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER (WITH ADVANCED FDOT MOT CERTIFICATION) FOR REVIEW PRIOR TO IMPLEMENTATION OF THE MAINTENANCE OF TRAFFIC PLAN FOR EACH PHASE OF CONSTRUCTION. MOT PLAN SHALL BE DESIGNED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (LATEST EDITION) AS WELL AS THE FDOT SERIES 600 STANDARD INDEXES. THE PLAN SHALL BE SUBMITTED WITHIN 30 DAYS AFTER CONTRACT AWARD. THE COST OF ALL LABOR AND MATERIALS REQUIRED FOR MAINTENANCE OF TRAFFIC SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN STANDARDS, INDEX SERIES 600", AS AMENDED BY THE SPECIFICATIONS FOR THIS PROJECT.
4. ACCESS SHALL BE CONTINUOUSLY MAINTAINED AT ALL SIDE STREETS AND DRIVEWAYS FOR THE DURATION OF THE PROJECT, UNLESS PREVIOUSLY APPROVED BY MANATEE COUNTY.
5. FOR SIDE STREET INTERSECTIONS, LANE CLOSURE SHALL BE LIMITED TO ONE LANE AT ALL TIMES. AT A MINIMUM, ONE-LANE, TWO-WAY OPERATION SHALL BE MAINTAINED THROUGH THE USE OF FLAGGERS. TWO-LANE, TWO-WAY OPERATION SHALL BE MAINTAINED DURING PERIODS OF LANE CLOSURE RESTRICTIONS AND WHEN CONSTRUCTION ACTIVITIES ARE BEYOND THE LIMITS OF THE INTERSECTIONS.
6. DURING PERIODS OF LANE CLOSURES, THE CONTRACTOR SHALL PROVIDE AN FDOT CERTIFIED WORK SITE TRAFFIC SUPERVISOR FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (E.G. BARRICADES, SIGNS, ARROW PANELS, ETC.) AS OUTLINED IN THE FDOT STANDARD SPECIFICATIONS AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
7. THE CONTRACTOR SHALL NOTIFY ALL LOCAL LAW ENFORCEMENT PRIOR TO A LANE CLOSURE THAT WILL EXCEED TWO HOURS.
8. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATION. UNDER THESE CONDITIONS, THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL ALSO RESPOND WITHIN THE CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER OF ANY REQUESTS FOR CORRECTION, IMPROVEMENT, OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES. THE COST OF THIS SERVICE SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC.

	<b>MANATEE COUNTY</b>	<b>BUS STOP IMPROVEMENTS FOR ADA COMPLIANCE PACKAGE A - PLAN SET 3</b>		<small>380 Park Place Blvd., Suite 300, Clearwater, Florida 33759 www.cardnotbe.com - 727.531.3505 Certificate of Authorization No. 3843</small>	<small>SHARI BARNWELL, P.E. LIC. NO.: 71357</small>	<small>DESIGNED SKB DRAWN EPO Q.C. SKB APPROVED</small>	<b>TRAFFIC CONTROL NOTES</b>	<small>PROJECT NO: 00193-008-017 DATE: 10-01-2012 SHEET NO: 13</small>	
<small>NO.</small>	<small>DESCRIPTION</small>	<small>BY</small>	<small>DATE</small>						