

May 11th, 2016

**ADDENDUM NO. 1
TO BID DOCUMENTS
FOR GULF BOULEVARD-PHASE 4, HIBISCUS STREET AND OLEANDER STREET
IMPROVEMENTS
CITY OF SOUTH PADRE ISLAND, TEXAS**

The following changes are hereby incorporated into the bid documents and specifications for this project:

1. **Cover Sheet:** revised City's telephone number
2. **Proposal:** revised bid form as follows:
 - a. Added to Gulf Bid Item 53 "Temporary Markings (Tabs or Buttons) Between Construction Phases"
 - b. Modified Gulf Item 22 "Clearing, Grubbing, and Finishing Slopes" to be Item 23 "Clearing and Grubbing" and added Item 54 "Backfilling Curbs and Finishing Slopes"
 - c. Added Items for brick paver driveways and stamped concrete driveways
3. **Plans:**
 - a. Revised Sheet 6 Traffic Control Plan
 - b. Revised Driveway Tables on Sheets 40, 64, and 72 to add brick paver and/or stamped concrete driveways

The following are bidder questions and clarifications received for the project:

1. How should striping be handled between phases? *Answer: will need to be temporary markings (either tabs or buttons) during interim once each section is complete – final striping will be during Phase 4 along with crosswalks. Bid item will be added to plans for temporary markings between construction phases*
2. Can side street construction be done concurrently with Gulf? *Answer: yes. Please note that per the specifications, once side street construction begins it must be substantially complete within 35 working days.*
3. Can all paving be done at once? *Answer: no, paving must be complete at the end of each 9-block phase as defined in the traffic control plan*
4. Does the City want to retain millings? *Answer: No, contractor is responsible for disposal of millings.*
5. Are utilities clear? *Answer: utility coordination has been completed and utilities as reported by utility owners are shown in plans. Per utility owners, lines are ~3' deep.*
6. Can you use dry cement? *Answer: Yes*
7. If you have 2 crews, can you do 2 phases of Gulf Blvd at once? *Answer: No, project needs to begin at north end and proceed south to allow LMWD water line contractor to finish.*

8. What should the contractor do with removed signs? *Answer: City will keep*
9. Is the pavement detail "Asphalt Pavement Restoration Section" shown on Plan Sheet 41 the detail for Bid Item No. 9 "Full Depth Reclamation (9-inch depth)? *Answer: Yes*
10. Are control and alignments provided? *Yes, Alignment Data shown on plan sheets 2-5, and control points tied in to alignment are shown on Plan sheets for Gulf, Hibiscus, and Oleander.*
11. Do you have average depth of level-up for whole project? *Answer: No, maximum depth of level-up provided at each area needing level-up.*
12. Will there be any additional contract days added for crosswalk construction? *Answer: No, working days for crosswalks included in total project working days.*
13. Follow-up question/concern to Q12 – contractor concerns about having enough days in contract due to potential unknowns that could cause delays. *Answer: Working days will not be counted on rainy days – refer to project specifications (SGC Item 8) for definition of working day. The City will take into consideration days it is too difficult for the contractor to work (i.e. high traffic volumes during spring break).*
14. Does the contractor need to purchase stamp for sidewalks? *Answer: No, City will provide stamp.*
15. Does the City want the stamp decals on sidewalks to be painted? *Answer: No*
16. Can you construct the base section for brick pavers before paving? *Answer: Yes, this was done effectively during Gulf Phase 2 Construction.*
17. What is the contrast stripe? *Answer: this is the striping placed at several long driveways to delineate pedestrian path. Refer to Plan Sheet 105 "Contrast and Shadow Marking Pavement Markings" for details, and "Plan & Pavement Markings & Signage" Sheets for locations.+*
18. Is all striping thermoplastic? *Answer: Yes*
19. Is there a 10% retainage? *Answer: Yes*
20. Is contractor responsible for a building permit? *Answer: No, but responsible for LMWD permit for water meter.*
21. Is there an item for backfilling curbs? *Backfilling Curbs included with "Finishing Slopes". Current Bid Form for Gulf includes one (1) item for Clearing, Grubbing, and Finishing Slopes. For clarity, the Bid Form will be updated to have 2 separate items "Clearing and Grubbing" and "Backfilling Curbs and Finishing Slopes"*
22. What testing will be done for asphalt? *Answer: per specifications: cores for depth and densities (between 91% and 97%). Note: Density tests will NOT be performed/required for overlay on Gulf.*
23. Is contractor responsible for construction staking, and is there an item for construction staking? *Answer: Contractor is responsible for construction staking. No, there is not a bid item for staking – staking will be considered subsidiary to other bid items.*
24. Is the centerline the same as the existing roadway centerline? *Answer: No, refer to plans. Gulf Blvd, Hibiscus Street, and Oleander all have Centerlines that vary from the existing roadway centerline. Horizontal alignment data provided in plans.*
25. Some existing driveways have stamped concrete – will there be a separate pay item for stamped concrete driveways? *Answer: pay items added for brick paver and stamped concrete driveways*
26. Will City provide inspection? *Answer: Yes*
27. Will LMWD be relocating hydrants in conflict? *Answer: there are 4 existing hydrants along Gulf that LMWD has shown to remain in place that would be in conflict with proposed improvements. City is requesting that LMWD relocate these hydrants as part of current water line project but has not received confirmation. This item may be deleted from contract, but right now, contractors should plan on including in bid.*

END OF ADDENDUM

5/11/2016

Brian C. Boecker



BID AND CONTRACT DOCUMENTS, SPECIFICATIONS AND
CONSTRUCTION PLANS FOR

***GULF BOULEVARD-PHASE 4,
HIBISCUS STREET AND
OLEANDER STREET
IMPROVEMENTS***



Brian C. Boecker

***South
Padre
ISLAND***

CITY OF SOUTH PADRE ISLAND

DEPARTMENT OF PUBLIC WORKS
4601 PADRE BOULEVARD, SOUTH PADRE ISLAND, TEXAS 78597
TELEPHONE (956)-761-8159 - FAX (956)761-3898

APRIL 2016

PROPOSAL

The Bidder shall fill in all blanks with the required information.

TO: CITY OF SOUTH PADRE ISLAND
4601 PADRE BOULEVARD
SOUTH PADRE ISLAND, TEXAS 78597
ATTN: CITY SECRETARY

LADIES AND GENTLEMEN:

The undersigned, as bidder, declares that the only person or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm or corporation; that I/we have examined the invitation to Bid, Instructions to Bidders, the Contract, the General and Supplementary Conditions, General Requirements and the Drawings and Specifications referred to therein; that I/we have visited the site and hereby offer to and will furnish all necessary equipment, appliances, tools, labor, supervision, insurance and other accessories and services required by said documents for the following work for the following sum of money:

Note, one contract will be awarded for the Gulf Boulevard, Hibiscus, and Oleander Improvements. Low bid will be determined based on which option(s) the City has the ability to fund. For example, the City may choose to combine the Base Bid with Add-Alt #1. The following describes the elements of the bid and the add-alternatives for Gulf Boulevard:

BASE BID: Gulf Boulevard Phase 4
Limits from Gardenia Street to Haas Street
Hibiscus Street Reconstruction
Limits from Padre Boulevard to Gulf Boulevard
ADD-ALT #1: Oleander Street Reconstruction
Limits from Padre Boulevard to Gulf Boulevard

ITEM No.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
GULF BOULEVARD PHASE 4 (BASE BID)					
<i>Limits from Gardenia Street to Haas Street</i>					
1	1.5" Thick H.M.A.C., Type D (Overlay)	32314	S.Y.		
2	Mill Asphalt Pavement	35609	S.Y.		
3	2" Thick H.M.A.C., Type D	2251	S.Y.		
4	6" Crushed Limestone Base	2251	S.Y.		
5	8" Cement Stabilized Subgrade	2862	S.Y.		
6	Prime Coat (MC-30)	450	Gal		
7	Cement	46	Ton		
8	Pavement Level Up (Variable Depth)	2209	S.Y.		
9	Full Depth Reclamation (9-inch depth)	2840	S.Y.		
10	Concrete Residential Driveways	2814	S.Y.		
11	Brick Paver Residential Driveways	143	S.Y.		
12	3' Concrete Valley Gutter	4657	L.F.		
13	Concrete Curb and Gutter (Type II)	2640	L.F.		
14	Concrete Curb (Type II)	3632	L.F.		
15	4" Concrete Sidewalk	3060	S.Y.		
16	Sidewalk Retaining Wall	100	L.F.		
17	Stamped Concrete Decal	81	Ea.		
18	Brick Paver Crosswalks	1273	S.Y.		
19	Brick Paver Crosswalks Constellation Dr through Gardenia St	361	S.Y.		
20	Pedestrian Ramp (TY 2)	1	Ea.		
21	Pedestrian Ramp (TY 5)	2	Ea.		
22	Pedestrian Ramp (TY 7)	97	Ea.		

23	Clearing and Grubbing	1	L.S.		
24	Temporary Striping for Traffic Control and Removal of Existing Striping in Conflict with Temporary Striping	1	L.S.		
25	Saw Cutting Existing Concrete	894	L.F.		
26	Saw Cutting Existing Asphalt	3912	L.F.		
27	Saw Cutting Existing Asphalt Constellation Dr through Gardenia St	1112	L.F.		
28	Remove Concrete Curb	46	L.F.		
29	Remove Concrete Driveway	1464	S.Y.		
30	Remove Asphalt Driveway	1057	S.Y.		
31	Remove Brick Driveway	289	S.Y.		
32	Remove Conc Sidewalk	86	S.Y.		
33	Remove and Relocate Fire Hydrant	2	Ea.		
34	Install Small Sign (Type 10BWG)	21	Ea.		
35	Relocate Small Sign	10	Ea.		
36	Remove Small Sign	42	Ea.		
37	Reflectorized Pavement Marking Type I (White) 4" (Solid)(090MIL)	11748	L.F.		
38	Reflectorized Pavement Marking Type I (White) 8" (Solid)(090MIL)	14229	L.F.		
39	Reflectorized Pavement Marking Type I (Green) 8" (Solid)(090MIL)	6907	L.F.		
40	Reflectorized Pavement Marking Type I (White) 12" (Solid)(090MIL)	1329	L.F.		
41	Reflective Pavement Marking Type I (White) 24" (Solid)(090MIL)	276	L.F.		
42	Reflectorized Pavement Marking Type I (Yellow) 4" (Broken)(090MIL)	1490	L.F.		
43	Reflectorized Pavement Marking Type I (Contrast) 7" (Solid)(090MIL)	574	L.F.		

44	Reflectorized Pavement Marking Type I (White) (Bike Symbol)(090MIL)	37	Ea.		
45	Reflectorized Pavement Marking Type I (White) (Ped Symbol)(090MIL)	38	Ea.		
46	Reflectorized Pavement Marking Type I (White) (Handicap Symbol)(090MIL)	1	Ea.		
47	Reflectorized Profile Pattern Edge Line (4")(090MIL)	6907	L.F.		
48	Reflective Raised Pavement Marker (Type II-A-A)	149	Ea.		
49	Conduit PVC Sleeve (Schedule 40) (4")	2010	L.F.		
50	Adjust Manholes	28	Ea.		
51	Adjust Valves and Cleanouts	13	Ea.		
52	Mobilization and Storage	1	L.S.		
53	Temporary Markings (Tabs or Buttons) Between Construction Phases	1	L.S.		
54	Backfilling Curbs and Finishing Slopes	1	L.S.		

GULF BLVD SUBTOTAL \$ _____

ITEM No.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
HIBISCUS STREET RECONSTRUCTION (BASE BID)					
<i>Limits from Padre Boulevard to Gulf Boulevard</i>					
1	2" Thick H.M.A.C., Type D	S.Y.	2665		
2	6" Crushed Limestone Base	S.Y.	2665		
3	8" Cement Stabilized Subgrade	S.Y.	3309		

4	Prime Coat (MC-30)	Gal	533		
5	Cement	Ton	53		
6	Concrete Residential Driveways	S.Y.	1119		
7	Brick Paver Residential Driveways	S.Y.	39		
8	2' Concrete Valley Gutter	L.F.	1134		
9	Concrete Curb and Gutter (Type II)	L.F.	788		
10	4" Concrete Sidewalk	S.Y.	277		
11	Stamped Concrete Decal	Ea.	15		
12	Pedestrian Ramp (TY 5)	Ea.	1		
13	Pedestrian Ramp (TY 7)	Ea.	2		
14	Relocate Small Sign	Ea.	4		
15	Remove Small Sign	Ea.	5		
16	Adjust Manholes	Ea.	1		
17	Clearing, Grubbing, Demolition and Removal of Existing Roadway and Driveways	LS	1		
18	Finishing Slopes	L.S.	1		
19	Saw Cutting Existing Asphalt	LF	506		
20	Saw Cutting Existing Concrete	LF	516		
21	Mobilization and Storage	L.S.	1		
22	Remove and Relocate Fire Hydrant	Ea.	1		

HIBISCUS ST SUBTOTAL \$ _____

BASE BID TOTAL \$ _____

ITEM No.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
	OLEADER STREET RECONSTRUCTION ADD-ALT #1				
	<i>Limits from Padre Boulevard to Gulf Boulevard</i>				

1	2" Thick H.M.A.C., Type D	2678	S.Y.		
2	6" Crushed Limestone Base	2678	S.Y.		
3	8" Cement Stabilized Subgrade	3345	S.Y.		
4	Prime Coat (MC-30)	536	Gal		
5	Cement	54	Ton		
6	Concrete Residential Driveways	1368	S.Y.		
7	Stamped Concrete Residential Driveways	50	S.Y.		
8	2' Concrete Valley Gutter	1475	L.F.		
9	Concrete Curb and Gutter (Type II)	509	L.F.		
10	Concrete Curb (Type II)	34	L.F.		
11	4" Concrete Sidewalk	186	S.Y.		
12	Stamped Concrete Decal	15	Ea.		
13	Pedestrian Ramp (TY 5)	1	Ea.		
14	Pedestrian Ramp (TY 7)	4	Ea.		
15	Remove Small Sign	8	Ea.		
16	Clearing, Grubbing, Demolition and Removal of Existing Roadway and Driveways	1	LS		
17	Finishing Slopes	1	L.S.		
18	Saw Cutting Existing Asphalt	142	L.F.		
19	Saw Cutting Existing Concrete	1150	L.F.		
20	Mobilization and Storage	1	L.S.		
21	Remove and Relocate Fire Hydrant	2	Ea.		

ADD-ALT #1 TOTAL \$ _____

BASE BID + ADD-ALT #1 TOTAL \$ _____

Bidder acknowledges receipt of the following addendum:

_____ Date _____
_____ Date _____
_____ Date _____

Bidder understands that the City of South Padre Island reserves the right to reject any and all bids, to waive any informalities, and to accept the proposed deemed to be in the best interest of the City of South Padre Island.

The Bidder agrees that this bid shall be good and may not be withdrawn for a period of thirty (30) calendar days after the scheduled closing time for receiving bids.

Bidder hereby agrees to commence work under this contract on or before a date to be specified in written Notice to Proceed from the City of South Padre Island and to fully complete the project within the limits established by the Supplementary Conditions hereto attached and made a part hereof. Bidder further agrees to pay as liquidated damages the amount or amounts specified in the Supplementary Conditions. BIDDER EXPRESSLY ACKNOWLEDGES THAT HE READ AND FULLY UNDERSTANDS THE PROVISIONS FOR LIQUIDATED DAMAGES AS DESCRIBED IN ITEMS 8 AND 9 OF THE SUPPLEMENTARY CONDITIONS, AND; FURTHER BIDDER ACKNOWLEDGES HE IS IN FULL AGREEMENT THEREWITH.

The Bidder further agrees that from the compensation otherwise to be paid, the Owner may retain the sum which is indicated in the schedule set forth in Item 9 of the Supplementary Conditions for each working day after the completion date that the work at the time stipulated in Item 8 of the Supplementary Conditions of these documents. This sum is not to be construed in any sense a penalty.

Upon receipt of a written notice to the acceptance of this bid, Bidder will execute the formal contract agreement immediately, and shall deliver the Surety Bonds and Insurance as required by the Instruction to the Bidders.

Bid security as required by the Instructions to Bidder in sum of _____ (\$ _____) is hereto attached. The Bid security is to become the property of the City of South Padre Island in the event the Proposal is accepted by the City of South Padre Island and the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the City of South Padre Island caused there by.

Respectfully submitted,

Signature: _____

Print) By: _____

(Print) Title: _____

(Seal, if bid by a corporation)

Business Name

Business Address

Business Phone

TRAFFIC CONTROL GENERAL NOTES:

1. MAINTAIN ACCESS TO PROPERTY AT ALL TIMES
2. TIE-IN PAVEMENT (IF NEEDED) TO MAINTAIN ACCESS TO ADJACENT PROPERTIES WILL BE CONSIDERED SUBSIDIARY TO PERTINENT ITEMS.
3. UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER, NO WORK ALLOWED ON GULF BOULEVARD ON THE WEEKEND AND SHOULD BE OPEN TO TWO-LANES AT ALL TIMES 7:00 PM ON FRIDAY THROUGH 7:00 AM ON THE FOLLOWING MONDAY.
4. ABOVE GROUND AND BURIED UTILITIES ARE LOCATED IN THE RIGHT OF WAY. UTILITIES SHOWN IN PLANS ARE APPROXIMATE AND NOT NECESSARILY ALL ENCOMPASSING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITIES PRIOR TO CONSTRUCTION TO VERIFY IF ANY CONFLICTS EXIST.

GULF BLVD SEQUENCE OF CONSTRUCTION:

1. CONSTRUCTION MUST BE SEQUENCED AS SHOWN IN THE PHASES BELOW. PHASE 1 CONSTRUCTION MUST BE COMPLETE PRIOR TO BEGINNING PHASE 2 CONSTRUCTION. PHASE 2 CONSTRUCTION MUST BE COMPLETED PRIOR TO BEGINNING PHASE 3 CONSTRUCTION. ANY DEVIATION IN CONSTRUCTION SEQUENCING MUST BE APPROVED IN WRITING BY THE ENGINEER.

CONSTRUCTION PHASE 1: WIDENING FROM GARDENIA ST THROUGH ACAPULCO ST

1. PLACE ADVANCE WARNING SIGNS IN ACCORDANCE WITH TXDOT STANDARD BC(2)-14.
2. PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN PLANS.
3. REPAIR ASPHALT PAVEMENT TO THE LIMITS (UP TO THE FINAL 1.5" OVERLAY SURFACE) SHOWN ON "ASPHALT PAVEMENT REPAIR" SHEETS. REPAIR LIMITS SHALL END AT THE PROPOSED LIP OF GUTTER.
4. REMOVE EXISTING CENTER LINE STRIPING AND INSIDE PARKING STRIPING.
5. MILL 1.5" OF EXIST PAVEMENT AS SHOWN IN PLANS IN ACCORDANCE WITH TCP(7-1)-13.
6. PLACE WORK ZONE STRIPING FOR TEMPORARY CENTER LINE AND EDGE LINES PROVIDING A 3' MIN BUFFER BETWEEN WORK ZONE AND SOUTHBOUND LANE. TEMPORARY LANES WILL BE ~12'. PLACE CHANNELIZING DEVICES BETWEEN WORK ZONE AND SOUTHBOUND LANE IN ACCORDANCE WITH TCP(2-1)-12.
7. CONSTRUCT CURB AND GUTTER, PAVEMENT WIDENING, PARKING BAYS, SIDEWALKS, AND DRIVEWAYS AS SHOWN IN PLANS. MAINTAIN POSITIVE DRAINAGE TOWARDS SIDE STREETS.
8. PLACE CHANNELIZING DEVICES IN ACCORDANCE WITH TCP(2-1)-12 AND CONSTRUCT CURB AND GUTTER AND RAISED SIDEWALK FOR SHARED PATH AT SPECIFIC LOCATIONS SHOWN IN PLANS ON EAST SIDE OF GULF BLVD.
9. CONSTRUCT PAVEMENT LEVEL-UP AT SPECIFIC LOCATIONS SHOWN IN PLANS. VERIFY PAVEMENT MAINTAINS POSITIVE DRAINAGE FROM E TO W.
10. CONSTRUCT 1.5" OVERLAY FINAL SURFACE IN ACCORDANCE WITH TXDOT TCP STANDARD TCP(7-1)-13.

11. INSTALL FINAL SIGNING AND PLACE TEMPORARY PAVEMENT MARKINGS (TABS OR BUTTONS) IN ACCORDANCE WITH TXDOT STANDARDS BC(11)-14 AND BC(12)-14. PROVIDE A MINIMUM OF 2-12' TRAFFIC LANES AND ONE 8' MIN SHARED-USE-PATH ON EAST SIDE GENERALLY IN CONFORMANCE WITH FINAL STRIPING SHOWN IN PLANS.

12. SHAPE SLOPES TO MAINTAIN POSITIVE DRAINAGE. 70% RE-VEGETATION REQUIRED BEFORE REMOVAL OF EROSION CONTROLS.

GULF BLVD SEQUENCE OF CONSTRUCTION:

CONSTRUCTION PHASE 2: WIDENING FROM ACAPULCO ST THROUGH MARLIN ST

1. PLACE ADVANCE WARNING SIGNS IN ACCORDANCE WITH TXDOT STANDARD BC(2)-14.
2. PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN PLANS.
3. REPAIR ASPHALT PAVEMENT TO THE LIMITS (UP TO THE FINAL 1.5" OVERLAY SURFACE) SHOWN ON "ASPHALT PAVEMENT REPAIR" SHEETS. REPAIR LIMITS SHALL END AT THE PROPOSED LIP OF GUTTER.
4. REMOVE EXISTING CENTER LINE STRIPING AND INSIDE PARKING STRIPING.
5. MILL 1.5" OF EXIST PAVEMENT AS SHOWN IN PLANS IN ACCORDANCE WITH TCP(7-1)-13.
6. PLACE WORK ZONE STRIPING FOR TEMPORARY CENTER LINE AND EDGE LINES PROVIDING A 3' MIN BUFFER BETWEEN WORK ZONE AND SOUTHBOUND LANE. TEMPORARY LANES WILL BE ~12'. PLACE CHANNELIZING DEVICES BETWEEN WORK ZONE AND SOUTHBOUND LANE IN ACCORDANCE WITH TCP(2-1)-12.

GULF BLVD SEQUENCE OF CONSTRUCTION PHASE 2 CONTINUED

7. CONSTRUCT CURB AND GUTTER, PAVEMENT WIDENING, PARKING BAYS, SIDEWALKS, AND DRIVEWAYS AS SHOWN IN PLANS. MAINTAIN POSITIVE DRAINAGE TOWARDS SIDE STREETS.
8. PLACE CHANNELIZING DEVICES IN ACCORDANCE WITH TCP(2-1)-12 AND CONSTRUCT CURB AND GUTTER AND RAISED SIDEWALK FOR SHARED PATH AT SPECIFIC LOCATIONS SHOWN IN PLANS ON EAST SIDE OF GULF BLVD.
9. CONSTRUCT PAVEMENT LEVEL-UP AT SPECIFIC LOCATIONS SHOWN IN PLANS. VERIFY PAVEMENT MAINTAINS POSITIVE DRAINAGE FROM E TO W.
10. CONSTRUCT 1.5" OVERLAY FINAL SURFACE IN ACCORDANCE WITH TXDOT TCP STANDARD TCP(7-1)-13.

11. INSTALL FINAL SIGNING AND PLACE TEMPORARY PAVEMENT MARKINGS (TABS OR BUTTONS) IN ACCORDANCE WITH TXDOT STANDARDS BC(11)-14 AND BC(12)-14. PROVIDE A MINIMUM OF 2-12' TRAFFIC LANES AND ONE 8' MIN SHARED-USE-PATH ON EAST SIDE GENERALLY IN CONFORMANCE WITH FINAL STRIPING SHOWN IN PLANS.

12. SHAPE SLOPES TO MAINTAIN POSITIVE DRAINAGE. 70% RE-VEGETATION REQUIRED BEFORE REMOVAL OF EROSION CONTROLS.

GULF BLVD SEQUENCE OF CONSTRUCTION:

CONSTRUCTION PHASE 3: WIDENING FROM MARLIN ST THROUGH HAAS ST

1. PLACE ADVANCE WARNING SIGNS IN ACCORDANCE WITH TXDOT STANDARD BC(2)-14.
2. PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN PLANS.
3. REPAIR ASPHALT PAVEMENT TO THE LIMITS (UP TO THE FINAL 1.5" OVERLAY SURFACE) SHOWN ON "ASPHALT PAVEMENT REPAIR" SHEETS. REPAIR LIMITS SHALL END AT THE PROPOSED LIP OF GUTTER.
4. REMOVE EXISTING CENTER LINE STRIPING AND INSIDE PARKING STRIPING.
5. MILL 1.5" OF EXIST PAVEMENT AS SHOWN IN PLANS IN ACCORDANCE WITH TCP(7-1)-13.
6. PLACE WORK ZONE STRIPING FOR TEMPORARY CENTER LINE AND EDGE LINES PROVIDING A 3' MIN BUFFER BETWEEN WORK ZONE AND SOUTHBOUND LANE. TEMPORARY LANES WILL BE ~12'. PLACE CHANNELIZING DEVICES BETWEEN WORK ZONE AND SOUTHBOUND LANE IN ACCORDANCE WITH TCP(2-1)-12.
7. CONSTRUCT CURB AND GUTTER, PAVEMENT WIDENING, PARKING BAYS, SIDEWALKS, AND DRIVEWAYS AS SHOWN IN PLANS. MAINTAIN POSITIVE DRAINAGE TOWARDS SIDE STREETS.
8. PLACE CHANNELIZING DEVICES IN ACCORDANCE WITH TCP(2-1)-12 AND CONSTRUCT CURB AND GUTTER AND RAISED SIDEWALK FOR SHARED PATH AT SPECIFIC LOCATIONS SHOWN IN PLANS ON EAST SIDE OF GULF BLVD.
9. CONSTRUCT PAVEMENT LEVEL-UP AT SPECIFIC LOCATIONS SHOWN IN PLANS. VERIFY PAVEMENT MAINTAINS POSITIVE DRAINAGE FROM E TO W.
10. CONSTRUCT 1.5" OVERLAY FINAL SURFACE IN ACCORDANCE WITH TXDOT TCP STANDARD TCP(7-1)-13.

11. INSTALL FINAL SIGNING AND PLACE TEMPORARY PAVEMENT MARKINGS (TABS OR BUTTONS) IN ACCORDANCE WITH TXDOT STANDARDS BC(11)-14 AND BC(12)-14. PROVIDE A MINIMUM OF 2-12' TRAFFIC LANES AND ONE 8' MIN SHARED-USE-PATH ON EAST SIDE GENERALLY IN CONFORMANCE WITH FINAL STRIPING SHOWN IN PLANS.

12. SHAPE SLOPES TO MAINTAIN POSITIVE DRAINAGE. 70% RE-VEGETATION REQUIRED BEFORE REMOVAL OF EROSION CONTROLS.

CONSTRUCTION PHASE 4: CONSTRUCT CROSSWALKS & FINAL PAVEMENT MARKINGS

1. ADJUST ADVANCE WARNING SIGNS IN ACCORDANCE WITH TXDOT STANDARD BC(2)-14.
2. TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN PLANS TO REMAIN.
3. PHASE CONSTRUCT THE PROPOSED BRICK PAVED CROSSWALKS STARTING WITH THE WEST END. WORK FROM NORTH TO SOUTH. CONSTRUCT CONCRETE BASE USING HES CONCRETE. SHIFT TRAFFIC TO ONE-LANE TWO-WAY OPERATION WITH FLAGGERS IN ACCORDANCE WITH TCP STANDARD TCP(1-2)-12. MAINTAIN ONE LANE OF TRAFFIC AT ALL TIMES DURING CROSSWALK INSTALLATION.
4. REMOVE TEMPORARY MARKINGS (TABS OR BUTTONS) AND INSTALL FINAL PAVEMENT MARKINGS IN ACCORDANCE WITH TXDOT STANDARDS TCP(3-1)-13 AND TCP(3-3)-13.

HIBISCUS STREET RECONSTRUCTION SEQUENCE:

1. PLACE ADVANCE WARNING SIGNS IN ACCORDANCE WITH TXDOT STANDARD BC(2)-14.
2. PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN PLANS.
3. CLOSE HIBISCUS STREET TO THROUGH TRAFFIC BETWEEN PADRE BOULEVARD AND GULF BOULEVARD. MAINTAIN ACCESS TO PROPERTY OWNERS AT ALL TIMES.
4. CONSTRUCT PROPOSED PAVEMENT IN ONE-HALF SECTIONS AS SHOWN IN PLANS FROM STATION 10+43.35 TO STATION 20+07.00.
5. TIE-IN PAVEMENT (IF NEEDED) TO MAINTAIN ACCESS TO ADJACENT PROPERTIES WILL BE CONSIDERED SUBSIDIARY TO PERTINENT ITEMS.
6. INSTALL FINAL SIGNING AND OPEN TO TRAFFIC UNRESTRICTED.
7. 70% RE-VEGETATION REQUIRED BEFORE REMOVAL OF EROSION CONTROLS.

OLEANDER STREET RECONSTRUCTION SEQUENCE:

1. PLACE ADVANCE WARNING SIGNS IN ACCORDANCE WITH TXDOT STANDARD BC(2)-14.
2. PLACE TEMPORARY EROSION CONTROL DEVICES AS SHOWN IN PLANS.
3. CLOSE OLEANDER STREET TO THROUGH TRAFFIC BETWEEN PADRE BOULEVARD AND GULF BOULEVARD. MAINTAIN ACCESS TO PROPERTY OWNERS AT ALL TIMES.
4. CONSTRUCT PROPOSED PAVEMENT IN ONE-HALF SECTIONS AS SHOWN IN PLANS FROM STATION 10+43.35 TO STATION 20+29.80.
5. TIE-IN PAVEMENT (IF NEEDED) TO MAINTAIN ACCESS TO ADJACENT PROPERTIES WILL BE CONSIDERED SUBSIDIARY TO PERTINENT ITEMS.
6. INSTALL FINAL SIGNING AND OPEN TO TRAFFIC UNRESTRICTED.
7. 70% RE-VEGETATION REQUIRED BEFORE REMOVAL OF EROSION CONTROLS.

▲ ADDED TEMP STRIPING BETWEEN PHASES.



5-9-2016

Kimley»Horn

F-928



TRAFFIC CONTROL PLAN

GULF BLVD IMPROVEMENTS

SCALE	PROJECT NO.	SHEET NO.
		6

DRIVEWAY DETAILS

PLAN AND PROFILE SHEET	DRIVEWAY NUMBER	STATION	DRIVEWAY TYPE	PROP WIDTH (FT)	Y AT C OF DRIVEWAY (FT)	(S1)%	(S2)%	(S3)%	EXIST SURF TYPE	PROP SURF TYPE
GULF BLVD										
5 OF 21	(5-1)	71+65.98	A	10.68	12.85	2.00%	-	1.95%	GRAVEL	CONCRETE
6 OF 21	(6-1)	73+34.44	A	11.98	12.85	2.00%	-	13.62%	BRICK PAVERS	BRICK PAVERS
6 OF 21	(6-2)	73+95.92	A	14.00	12.85	2.00%	-	7.32%	CONCRETE	CONCRETE
8 OF 21	(8-1)	83+56.60	A	36.82	13.39	2.00%	-	4.33%	CONCRETE	CONCRETE
8 OF 21	(8-2)	84+11.27	A	22.49	13.35	2.00%	-	8.24%	CONCRETE	CONCRETE
8 OF 21	(8-3)	86+04.23	A	20.07	16.47	2.00%	-	1.09%	CONCRETE	CONCRETE
9 OF 21	(9-1)	88+77.64	A	23.51	15.60	2.00%	-	3.59%	BRICK PAVERS	CONCRETE
9 OF 21	(9-2)	89+72.19	A	20	17.65	2.00%	-	1.53%	N/A	CONCRETE
9 OF 21	(9-3)	90+06.92	A	32.06	17.65	2.00%	-	1.53%	CONCRETE	CONCRETE
10 OF 21	(10-1)	91+95.03	A	48.98	18.09	0.26%	-	0.26%	CONCRETE	CONCRETE
10 OF 21	(10-2)	93+00.94	A	29.88	15.28	2.00%	-	9.62%	CONCRETE	CONCRETE
10 OF 21	(10-3)	94+94.13	A	32.80	14.57	2.00%	-	1.37%	CONCRETE	CONCRETE
10 OF 21	(10-4)	95+47.67	B	21.00	14.21	-2.00%	-1.41%	1.55%	CONCRETE	CONCRETE
11 OF 21	(11-1)	97+39.70	A	53.67	13.68	2.00%	-	4.75%	ASPHALT	CONCRETE
11 OF 21	(11-2)	98+36.27	A	24.79	12.62	1.42%	-	1.42%	CONCRETE	CONCRETE
11, 12 OF 21	(11-3) (12-1)	100+74.05	A	161.74	12.76	1.30%	-	1.30%	CONCRETE	CONCRETE
12 OF 21	(12-2)	103+36.41	A	12.49	11.51	2.00%	-	3.39%	CONCRETE	CONCRETE
12 OF 21	(12-3)	105+44.54	A	14.06	10.76	0.44%	-	0.44%	CONCRETE	CONCRETE
13 OF 21	(13-1)	105+90.28	A	10.14	10.57	2.00%	-	3.51%	BRICK PAVERS	BRICK PAVERS
13 OF 21	(13-2)	106+13.10	A	10.07	10.50	2.00%	-	3.90%	BRICK PAVERS	BRICK PAVERS
13 OF 21	(13-3)	106+35.71	A	10.10	10.42	2.00%	-	3.55%	BRICK PAVERS	BRICK PAVERS
13 OF 21	(13-4)	108+45.47	B	18.86	14.70	-2.00%	-1.90%	1.50%	GRAVEL	CONCRETE
13 OF 21	(13-5)	108+91.17	B	18.88	14.43	-2.00%	-8.32%	2.77%	GRAVEL	CONCRETE
14 OF 21	(14-1)	110+99.10	A	9.89	14.75	1.11%	-	1.11%	CONCRETE	CONCRETE
14 OF 21	(14-2)	111+38.83	B	9.68	16.57	-2.00%	-9.29%	1.39%	GRAVEL	CONCRETE
14 OF 21	(14-3)	112+80.31	A	68.38	14.46	2.00%	-	1.73%	ASPHALT	CONCRETE
14 OF 21	(14-4)	113+69.10	SEE "PIKE DRIVEWAY 14-4 LAYOUT" SHEET FOR ADD. INFO						CONCRETE	CONCRETE
14, 15 OF 21	(14-5) (15-1)	115+27.07	A	96.20	12.93	0.78%	-	0.78%	ASPHALT	CONCRETE
15 OF 21	(15-2)	116+24.40	A	91.00	9.84	1.15%	-	1.15%	ASPHALT	CONCRETE
15 OF 21	(15-3)	117+71.94	A	36.16	10.86	2.00%	-	6.17%	CONCRETE	CONCRETE
15 OF 21	(15-4)	118+75.80	A	59.99	11.07	2.00%	-	7.50%	CONCRETE	CONCRETE
16 OF 21	(16-1)	120+47.84	B	29.60	12.00	0.24%	-	0.24%	ASPHALT	CONCRETE
16 OF 21	(16-2)	121+65.41	A	81.38	12.78	2.00%	-	6.65%	ASPHALT	CONCRETE
16 OF 21	(16-3)	124+38.68	B	24.7	17.42	-2.00%	-8.50%	4.59%	CONCRETE	CONCRETE
17 OF 21	(17-1)	129+35.57	A	22.65	19.03	0.87%	-	0.87%	CONCRETE	CONCRETE
20 OF 21	(20-1)	139+70.34	A	36.69	18.54	2.00%	-	1.08%	CONCRETE	CONCRETE
20 OF 21	(20-2)	140+45.32	A	22.33	12.53	2.00%	-	7.18%	CONCRETE	CONCRETE
20 OF 21	(20-3)	140+90.12	A	24.76	12.50	2.00%	-	3.12%	CONCRETE	CONCRETE
20 OF 21	(20-4)	142+92.35	A	38.86	12.37	2.00%	-	8.49%	CONCRETE	CONCRETE
20 OF 21	(20-5)	143+32.44	A	19.08	12.34	2.00%	-	7.13%	BRICK	BRICK

DRIVE GRADES SHOWN ARE AT C OF DRIVE. MATCH EXISTING DRIVEWAY ELEVATIONS AT BACK OF PROPOSED DRIVE

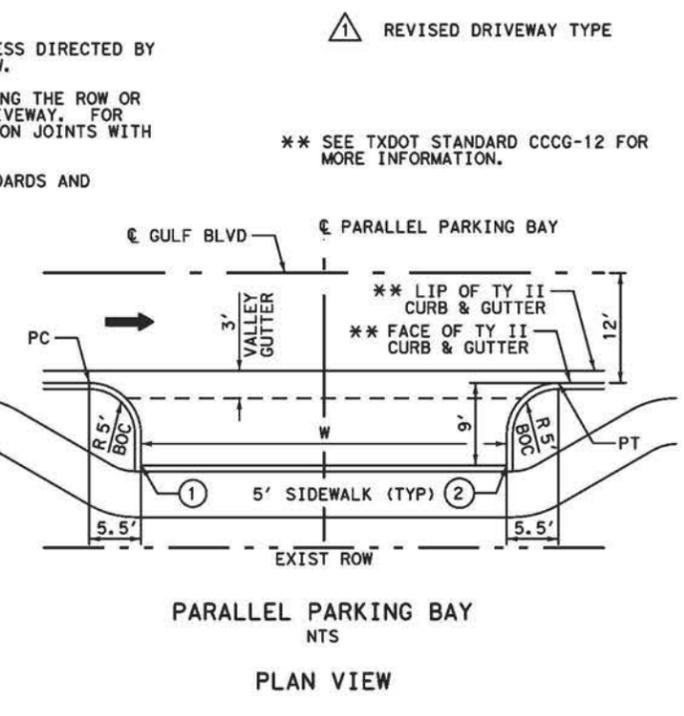
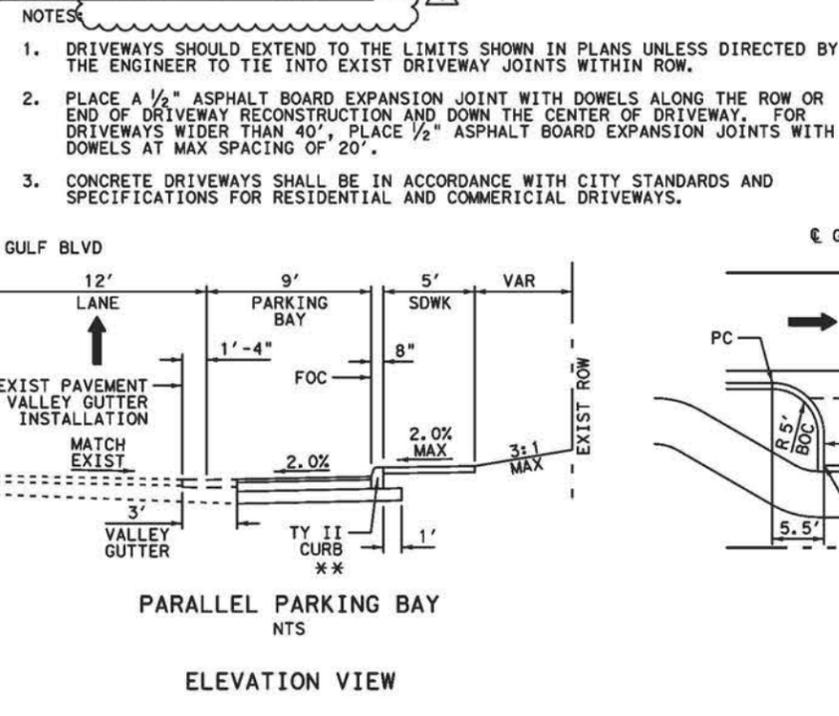
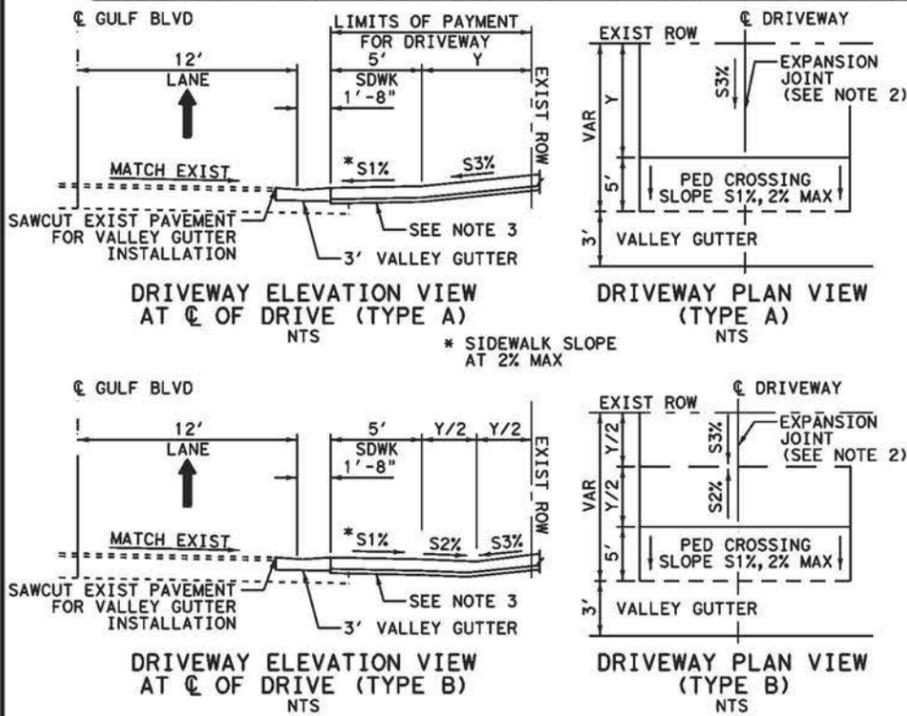
(+) SLOPE IS UP TO THE RIGHT LOOKING FORWARD STATION
 (-) SLOPE IS DOWN TO THE RIGHT LOOKING FORWARD STATION

CONTRACTOR TO USE EXISTING BRICK PAVERS TO RECONSTRUCT PROPOSED BRICK PAVEMENT DRIVEWAYS.

PARALLEL PARKING BAY DETAILS

PLAN AND PROFILE SHEET	PARKING BAY NUMBER	POINT 1		POINT 2		W (FT)	# OF SPACES
		STA	OFF (FT)	STA	OFF (FT)		
5 OF 21	(5-1)	70+14.55	21	71+34.55	21	120	6
5, 6 OF 21	(5-2) (6-1)	71+87.15	21	72+27.15	21	40	2
6 OF 21	(6-2)	73+52.19	21	73+77.19	21	25	1
6 OF 21	(6-3)	74+13.66	21	75+33.66	21	120	6
6, 7 OF 21	(6-4) (7-1)	76+08.78	21	78+28.69	21	220	11
7 OF 21	(7-2)	79+17.02	21	79+77.02	21	60	3
7 OF 21	(7-3)	80+68.88	21	81+28.88	21	60	3
8 OF 21	(8-1)	82+17.39	21	83+17.39	21	100	5
8 OF 21	(8-2)	85+16.11	21	85+75.19	21	60	3
8, 9 OF 21	(8-3) (9-1)	86+37.87	21	87+37.87	21	100	5
9 OF 21	(9-2)	88+18.40	21	88+43.40	21	25	1
9 OF 21	(9-3)	89+10.14	21	89+50.14	21	40	2
9, 10 OF 21	(9-4) (10-1)	91+11.94	21	91+51.94	21	40	2
10 OF 21	(10-2)	92+33.74	21	92+73.74	21	40	2
10 OF 21	(10-3)	94+16.42	21	94+56.42	21	40	2
10, 11 OF 21	(10-4) (11-1)	95+72.70	21	96+32.70	21	60	3
11 OF 21	(11-2)	97+75.21	21	98+15.21	21	40	2
11 OF 21	(11-3)	98+58.73	21	98+98.73	21	40	2
12 OF 21	(12-1)	102+41.47	21	103+21.47	21	80	4
12 OF 21	(12-2)	103+67.10	21	104+07.10	21	40	2
12 OF 21	(12-3)	104+87.74	21	105+27.74	21	40	2
13 OF 21	(13-1)	107+35.99	21	108+15.89	21	80	4
13, 14 OF 21	(13-2) (14-1)	109+91.34	21	110+70.81	21	80	4
15 OF 21	(15-1)	118+05.31	21	118+30.31	21	25	1
15, 16 OF 21	(15-2) (16-1)	119+99.70	21	120+24.70	21	25	1
16 OF 21	(16-2)	120+73.68	21	121+13.68	21	40	2
16 OF 21	(16-3)	122+96.87	21	124+16.87	21	120	6
16 OF 21	(16-4)	124+68.30	21	124+93.30	21	25	1
17 OF 21	(17-1)	125+76.64	21	127+36.64	21	160	8
17 OF 21	(17-2)	128+22.81	21	129+02.81	21	80	4
17, 18 OF 21	(17-3) (18-1)	129+67.29	21	130+27.08	21	60	3
18 OF 21	(18-2)	131+07.70	21	133+27.59	21	220	11
18, 19 OF 21	(18-3) (19-1)	134+10.42	21	135+90.46	21	180	9
19 OF 21	(19-2)	136+71.62	21	138+51.62	21	180	9
20 OF 21	(20-1)	139+98.96	21	140+23.77	21	25	1
20 OF 21	(20-2)	141+81.35	21	142+30.35	21	49	2

TOTAL PARKING SPACES = 135



- NOTES
- DRIVEWAYS SHOULD EXTEND TO THE LIMITS SHOWN IN PLANS UNLESS DIRECTED BY THE ENGINEER TO TIE INTO EXIST DRIVEWAY JOINTS WITHIN ROW.
 - PLACE A 1/2" ASPHALT BOARD EXPANSION JOINT WITH DOWELS ALONG THE ROW OR END OF DRIVEWAY RECONSTRUCTION AND DOWN THE CENTER OF DRIVEWAY. FOR DRIVEWAYS WIDER THAN 40', PLACE 1/2" ASPHALT BOARD EXPANSION JOINTS WITH DOWELS AT MAX SPACING OF 20'.
 - CONCRETE DRIVEWAYS SHALL BE IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS FOR RESIDENTIAL AND COMMERCIAL DRIVEWAYS.

REVISOR DRIVEN TYPE

** SEE TXDOT STANDARD CCG-12 FOR MORE INFORMATION.

STATE OF TEXAS
 BRIAN C. BOEKER
 94886
 LICENSED PROFESSIONAL ENGINEER

5-11-2016

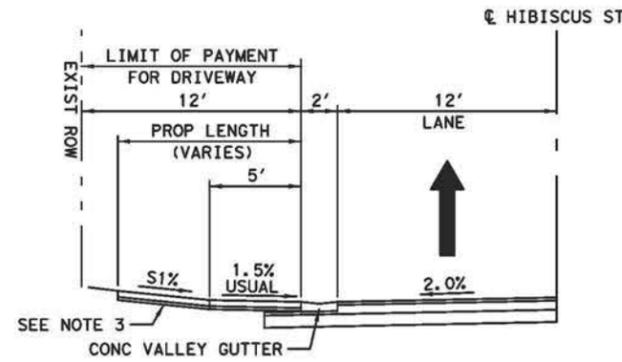
Kimley»Horn F-928

South Padre ISLAND

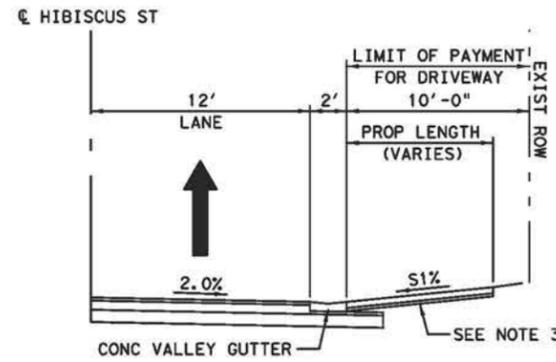
MISCELLANEOUS DETAILS

GULF BLVD IMPROVEMENTS
 SHEET 1 OF 3

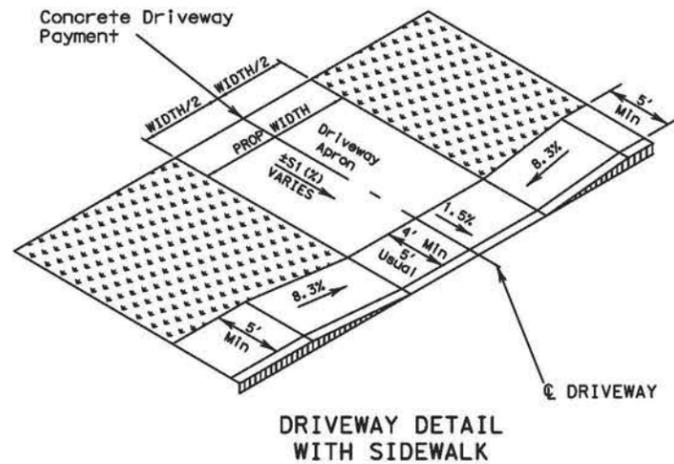
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 SHEET NO. 40



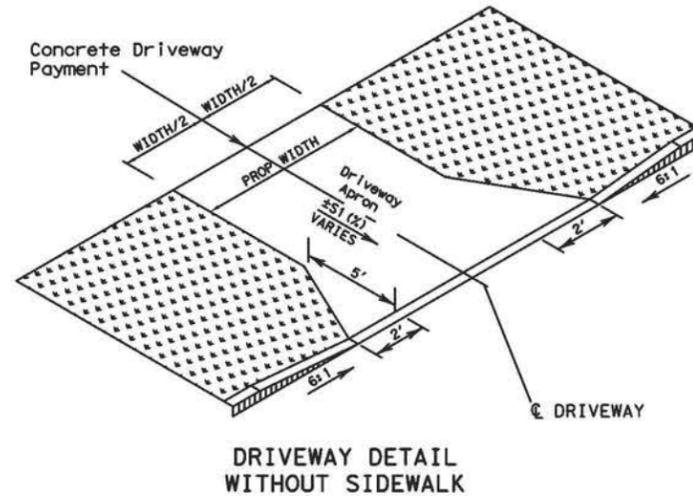
HIBISCUS ST PROPOSED TYPICAL RESIDENTIAL DRIVEWAY SECTIONS WITH SIDEWALK



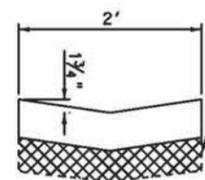
HIBISCUS ST PROPOSED TYPICAL RESIDENTIAL DRIVEWAY SECTIONS WITHOUT SIDEWALK



DRIVEWAY DETAIL WITH SIDEWALK



DRIVEWAY DETAIL WITHOUT SIDEWALK



PLACE VALLEY GUTTER ON EXISTING BASE MATERIAL. IF FINAL SURFACE OF BASE MATERIAL IS DISTURBED, CONTRACTOR TO CORRECT SURFACE IN ACCORDANCE WITH SPECIFICATIONS FOR NEW BASE. CONSIDER ANY CORRECTIONS SUBSIDIARY TO PAY ITEM FOR 2' CONCRETE VALLEY GUTTER

EXPANSION JOINTS @ 20' MAX
 TRANSVERSE JOINT @ 10' MAX
 STEEL #3 @ 12" C-C
 3000 PSI CONCRETE

VALLEY GUTTER DETAIL
 NTS

PLAN AND PROFILE	DRIVEWAY NUMBER	℄ DRIVEWAY STATION	LEFT OR RIGHT	PROP WIDTH (FT)	PROP LENGTH (FT)	DRIVEWAY SLOPE (S1) (%)	EXIST SURF TYPE	PROP SURF TYPE	AREA (SY)
HIBISCUS ST									
1 OF 5	1-1	10+82.34	LT	24.1	12.0	11.6	ASPH	CONC	32
1/2 OF 5	1-2/2-1	11+30.80	RT	139.6	10.0	8.8	ASPH	CONC	156
1 OF 5	1-3	11+57.25	LT	79.4	10.8	6.2	ASPH	CONC	96
2 OF 5	2-2	12+28.22	LT	22.9	10.3	10.9	ASPH	CONC	27
2 OF 5	2-3	12+82.30	LT	40.5	11.9	1.8	ASPH	CONC	54
2 OF 5	2-4	13+34.05	LT	37.8	11.5	9.1	CONC	CONC	49
2 OF 5	2-5	13+82.72	RT	24.4	10.0	8.4	DIRT	CONC	29
2/3 OF 5	2-6/3-1	14+31.96	LT	18.1	12.0	6.4	CONC	CONC	25
2/3 OF 5	2-7/3-2	14+33.24	RT	36.6	8.3	8.6	ASPH	CONC	35
3 OF 5	3-3	14+70.92	RT	12.1	10.0	10.4	CONC	CONC	15
3 OF 5	3-4	14+78.59	LT	20.4	12.0	2.1	CONC	CONC	28
3 OF 5	3-5	14+94.75	RT	12.1	9.0	10.3	CONC	CONC	14
3 OF 5	3-6	15+20.45	RT	17.8	10.0	14.0	CONC	CONC	21
3 OF 5	3-7	15+46.51	RT	17.8	10.0	13.3	CONC	CONC	21
3 OF 5	3-8	15+69.48	RT	17.8	10.0	11.9	CONC	CONC	21
3 OF 5	3-9	15+89.85	LT	24.3	12.0	12.5	CONC	CONC	33
3 OF 5	3-10	15+95.41	RT	17.9	10.0	12.2	CONC	CONC	21
3 OF 5	3-11	16+31.58	LT	29.0	12.0	6.8	BRICK PAVER	BRICK PAVER	39
3/4 OF 5	3-12/4-1	16+83.21	LT	38.3	11.4	11.6	CONC	CONC	49
3/4 OF 5	3-13/4-2	16+83.83	RT	35.0	10.0	8.8	ASPH	CONC	40
4 OF 5	4-3	17+29.49	LT	29.9	12.0	9.9	CONC	CONC	40
4 OF 5	4-4	17+32.50	RT	30.7	10.0	10.1	CONC	CONC	36
4 OF 5	4-5	17+81.36	LT	35.8	12.0	6.0	ASPH	CONC	48
4 OF 5	4-6	17+81.68	RT	23.8	10.0	5.7	ASPH	CONC	28
4 OF 5	4-7	18+22.59	RT	16.6	8.9	10.2	CONC	CONC	18
4 OF 5	4-8	18+23.62	LT	18.8	11.3	10.1	CONC	CONC	24
4 OF 5	4-9	18+45.65	RT	16.3	9.0	8.9	CONC	CONC	18
4 OF 5	4-10	18+45.80	LT	18.9	11.6	8.6	CONC	CONC	25
4 OF 5	4-11	18+68.21	LT	18.7	11.9	8.2	CONC	CONC	25
4 OF 5	4-12	18+72.47	RT	17.0	9.2	6.7	CONC	CONC	19
4 OF 5	4-13	18+90.54	LT	19.0	12.0	7.5	CONC	CONC	26
4 OF 5	4-14	18+96.03	RT	17.8	9.3	8.0	CONC	CONC	20
4/5 OF 5	4-15/5-1	19+26.20	RT	24.4	8.9	9.0	CONC	CONC	26

CONTRACTOR TO USE EXISTING BRICK PAVERS TO RECONSTRUCT PROPOSED BRICK PAVER DRIVEWAYS.

REVISSED DRIVEWAY TYPE

- NOTES:
- DRIVEWAYS SHOULD EXTEND TO THE LIMITS SHOWN IN THE PLANS UNLESS DIRECTED BY THE ENGINEER TO TIE INTO EXIST DRIVEWAY JOINTS WITHIN EXIST ROW.
 - PLACE A 1/2" ASPHALT BOARD EXPANSION JOINT WITH DOWELS ALONG THE ROW OR END OF DRIVEWAY RECONSTRUCTION AND DOWN THE CENTER OF DRIVEWAY. FOR DRIVEWAYS WIDER THAN 40' PLACE 1/2" ASPHALT BOARD EXPANSION JOINTS WITH DOWELS AT MAX SPACING OF 20'.
 - CONCRETE DRIVEWAYS SHALL BE IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS FOR RESIDENTIAL AND COMMERCIAL.
 - ALL DRIVEWAY SLOPES ARE AT THE CENTER OF THE DRIVEWAY AND ARE APPROXIMATE. CONTRACTOR TO TIE IN ALL PROPOSED DRIVEWAYS TO EXISTING CONSTRUCTION JOINTS.



5-11-2016

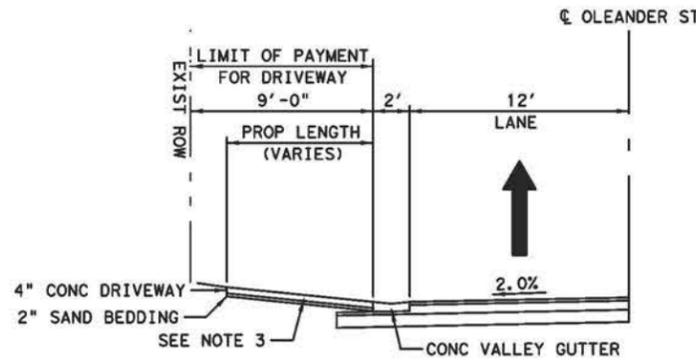
Kimley»Horn



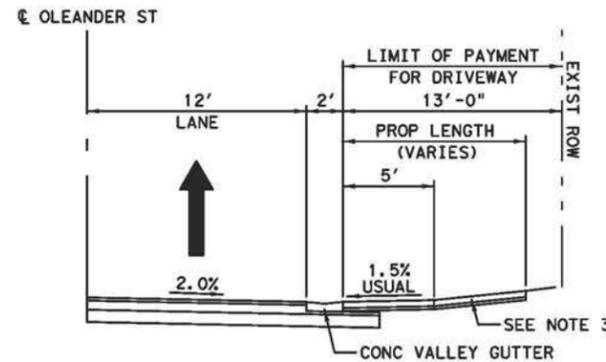
HIBISCUS STREET IMPROVEMENT
 FULL RECONSTRUCTION

DRIVEWAY SUMMARY

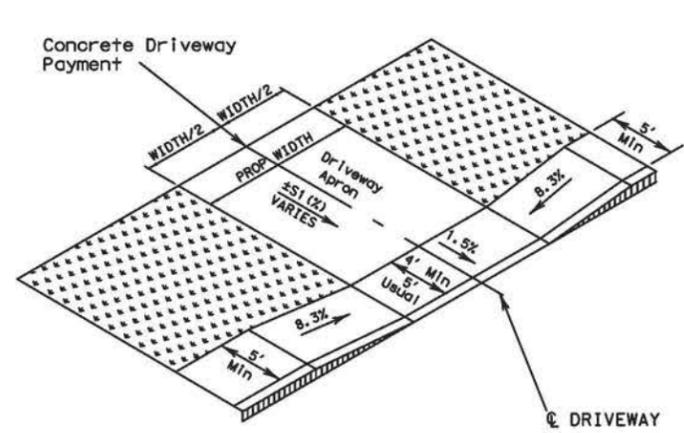
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		64



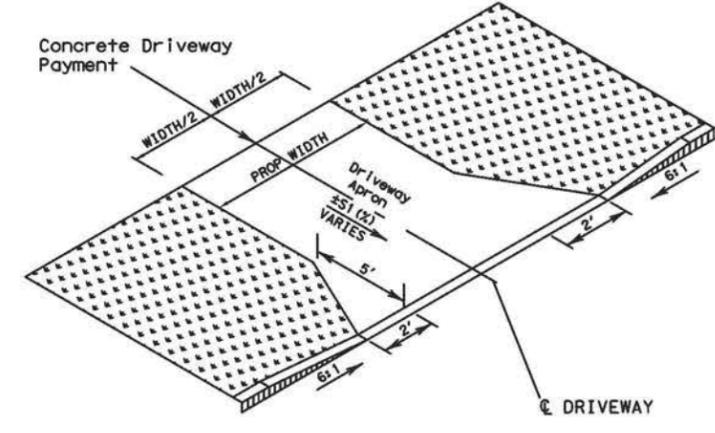
OLEANDER ST PROPOSED TYPICAL RESIDENTIAL DRIVEWAY SECTIONS WITHOUT SIDEWALK



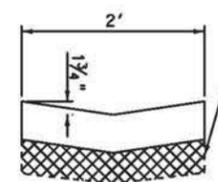
OLEANDER ST PROPOSED TYPICAL RESIDENTIAL DRIVEWAY SECTIONS WITH SIDEWALK



DRIVEWAY DETAIL WITH SIDEWALK



DRIVEWAY DETAIL WITHOUT SIDEWALK



PLACE VALLEY GUTTER ON EXISTING BASE MATERIAL. IF FINAL SURFACE OF BASE MATERIAL IS DISTURBED, CONTRACTOR TO CORRECT SURFACE IN ACCORDANCE WITH SPECIFICATIONS FOR NEW BASE. CONSIDER ANY CORRECTIONS SUBSIDIARY TO PAY ITEM FOR 2' CONCRETE VALLEY GUTTER

EXPANSION JOINTS @ 20' MAX
 TRANSVERSE JOINT @ 10' MAX
 STEEL #3 @ 12" C-C
 3000 PSI CONCRETE

VALLEY GUTTER DETAIL
 NTS

PLAN AND PROFILE	DRIVEWAY NUMBER	Ø DRIVEWAY STATION	LEFT OR RIGHT	PROP WIDTH (FT)	PROP LENGTH (FT)	DRIVEWAY SLOPE (S1) (%)	EXIST SURF TYPE	PROP SURF TYPE	DRIVEWAYS (CONC) (SY)
OLEANDER STREET									
1/2 OF 5	1-1/2-1	11+37.11	LT	140.5	4.8	14.2	CONC	CONC	75
1/2 OF 5	1-2/2-2	11+62.97	RT	185.7	13.0	14.0	CONC	CONC	261
2 OF 5	2-3	12+33.90	LT	45.4	8.6	3.8	CONC	CONC	44
2 OF 5	2-4	12+83.80	LT	33.7	8.5	2.1	CONC	CONC	33
2 OF 5	2-5	13+24.87	RT	19.8	12.7	9.8	CONC	CONC	28
2 OF 5	2-6	13+29.79	LT	24.1	7.3	6.4	CONC	CONC	21
2/3 OF 5	2-7/3-1	13+83.79	RT	34.2	13.0	14.1	STAMP CONC	STAMP CONC	50
2/3 OF 5	2-8/3-2	13+84.06	LT	49.2	9.0	6.4	CONC	CONC	50
3 OF 5	3-3	14+21.96	RT	16.9	13.0	6.2	CONC	CONC	25
3 OF 5	3-4	14+45.04	RT	16.9	13.0	6.9	CONC	CONC	25
3 OF 5	3-5	14+70.92	LT	18.1	8.3	5.7	CONC	CONC	18
3 OF 5	3-6	14+71.89	RT	16.9	13.0	6.4	CONC	CONC	25
3 OF 5	3-7	14+95.09	RT	17.2	13.0	5.6	CONC	CONC	25
3 OF 5	3-8	14+96.74	LT	18.0	8.2	4.8	CONC	CONC	18
3 OF 5	3-9	15+31.83	LT	25.6	8.6	11.4	CONC	CONC	26
3 OF 5	3-10	15+36.01	RT	26.9	13.0	12.7	CONC	CONC	39
3 OF 5	3-11	15+75.85	RT	14.4	13.0	10.3	CONC	CONC	21
3 OF 5	3-12	15+92.12	RT	14.1	13.0	10.4	CONC	CONC	21
3 OF 5	3-13	15+94.63	LT	17.9	8.5	5.0	ASPH	ASPH	19
3 OF 5	3-14	16+21.59	LT	19.1	8.5	11.0	CONC	CONC	20
3/4 OF 5	3-15/4-1	16+53.36	LT	28.0	8.5	10.6	CONC	CONC	28
4 OF 5	4-2	16+80.95	RT	46.1	13.0	7.9	ASPH	ASPH	67
4 OF 5	4-3	16+89.60	LT	28.0	8.5	10.7	CONC	CONC	28
4 OF 5	4-4	17+24.41	RT	29.4	13.0	12.7	CONC	CONC	43
4 OF 5	4-5	17+33.66	LT	39.7	9.0	10.7	CONC	CONC	41
4 OF 5	4-6	17+58.62	RT	29.7	5.9	15.0	CONC	CONC	20
4 OF 5	4-7	17+88.41	LT	27.5	8.7	7.0	CONC	CONC	28
4 OF 5	4-8	17+90.55	RT	23.9	5.7	10.6	CONC	CONC	16
4 OF 5	4-9	18+40.00	LT	28.7	8.7	4.6	CONC	CONC	29
4/5 OF 5	4-10/5-1	18+57.92	RT	99.7	13.0	12.8	CONC	CONC	144
4 OF 5	4-11	18+63.86	LT	9.5	8.7	4.4	CONC	CONC	11
5 OF 5	5-2	18+96.91	LT	21.7	9.0	3.6	CONC	CONC	23
5 OF 5	5-3	19+33.95	RT	32.5	7.8	6.5	CONC	CONC	29
5 OF 5	5-4	19+48.15	LT	20.3	9.8	2.3	CONC	CONC	23
5 OF 5	5-5	19+79.17	RT	30.0	13.0	9.4	CONC	CONC	44

▲ REVISED DRIVEWAY TYPE

NOTES:

- DRIVEWAYS SHOULD EXTEND TO THE LIMITS SHOWN IN THE PLANS UNLESS DIRECTED BY THE ENGINEER TO TIE INTO EXIST DRIVEWAY JOINTS WITHIN EXIST ROW.
- PLACE A 1/2" ASPHALT BOARD EXPANSION JOINT WITH DOWELS ALONG THE ROW OR END OF DRIVEWAY RECONSTRUCTION AND DOWN THE CENTER OF DRIVEWAY. FOR DRIVEWAYS WIDER THAN 40', PLACE 1/2" ASPHALT BOARD EXPANSION JOINTS WITH DOWELS AT MAX SPACING OF 20'.
- CONCRETE DRIVEWAYS SHALL BE IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS FOR RESIDENTIAL AND COMMERCIAL.
- ALL DRIVEWAY SLOPES ARE AT THE CENTER OF THE DRIVEWAY AND ARE APPROXIMATE. CONTRACTOR TO TIE IN ALL PROPOSED DRIVEWAYS TO EXISTING CONSTRUCTION JOINTS.

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OLEANDER STREET IMPROVEMENT
 FULL RECONSTRUCTION

DRIVEWAY SUMMARY

SCALE	PROJECT NO.	SHEET NO.
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