

STANDARD REQUIREMENTS

1. ALL WORK, UNLESS OTHERWISE SPECIFIED, SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION AND SUPPLEMENTS OF THE "STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION", SAN DIEGO REGIONAL STANDARD DRAWINGS (SDRSD), SAN DIEGO WATER AGENCIES STANDARDS (WAS), AND CITY OF SOLANA BEACH ENGINEERING CONSTRUCTION STANDARDS.
2. WORK ZONE TRAFFIC CONTROLS THROUGHOUT PERMIT CONSTRUCTION SHALL CONFORM TO THE LATEST CALIFORNIA DEPARTMENT OF TRANSPORTATION, "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES".
3. PARKING RESTRICTIONS, AS APPROVED BY CITY ENGINEER, SHALL REQUIRE A MINIMUM OF 48 HOURS NOTICE, EXCLUDING HOLIDAYS AND WEEKENDS.
4. TRAFFIC LANE RESTRICTIONS AND DETOURS MAY OCCUR ONLY BETWEEN THE HOURS OF 9:00 A.M. AND 3:00 P.M., AND ARE SUBJECT TO REVIEW OF THE CITY ENGINEER. EXCAVATIONS SHALL BE BACKFILLED OR OTHER ADEQUATE MEANS PROVIDED TO MAINTAIN EXISTING TRAFFIC LANES OTHER THAN DURING THESE HOURS.
5. ONE LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES ON ALL MAJOR AND SECONDARY HIGHWAYS.
6. A MINIMUM 4' WIDE PEDESTRIAN WALKWAY, CLEAR OF ANY OBSTRUCTION SHALL BE MAINTAINED WHEREVER SIDEWALKS EXISTS AND MUST BE MAINTAINED WITH SAFETY FENCING OR BARRIER SEPARATION FROM ADJACENT EXCAVATION WHEN LEFT UNMANNED.
7. ANY DAMAGE TO TRAFFIC CONTROL EQUIPMENT, TRAFFIC STRIPING OR RAISED PAVEMENT MARKERS SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE INSPECTOR. THE REPLACEMENT OF DAMAGED TRAFFIC EQUIPMENT, STRIPING OR RAISED PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND BE DONE AS SOON AS PRACTICAL AFTER COMPLETION OF WORK.
9. A.C. PAVEMENT SHALL BE COLD PLANNED ONE FOOT BEYOND THE EDGE OF THE TRENCH. CONCRETE SECTIONS TO BE REPLACED SCORELINE TO SCORELINE.
10. PERMANENT PAVEMENT REPAIRS SHALL BE MADE WITHIN 30 TO 45 DAYS AFTER EXCAVATION WORK IS COMPLETED. INSPECTOR'S APPROVAL IS REQUIRED BEFORE PERMANENT REPAIRS ARE MADE.
11. WHEN CONTRACTOR TUNNELS UNDER EXISTING CURBS, GUTTERS AND SIDEWALKS, THE EXCAVATED TRENCH SHALL BE BACKFILLED WITH CEMENT GROUT AS PRESCRIBED IN THE STANDARD SPECIFICATIONS.
12. WHEN COMPACTION TESTS ARE REQUIRED, ALL COSTS ARE TO BE BORNE BY THE CITY.
13. A ONE-SACK CEMENT AND SLURRY MIXTURE MAY BE REQUIRED FOR COMPACTION WHERE EXCAVATION INTERFERES WITH TRAFFIC FLOW OR WHERE WORK IS WITHIN THE ROADWAY PORTION OF AN INSPECTION.
14. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PROPOSED TRAFFIC CONTROL FOR ALL WORK AND OBTAIN APPROVAL PRIOR TO START OF CONSTRUCTION.

CITY OF SOLANA BEACH

GLENCREST DRIVE SIDEWALK IMPROVEMENTS

BID NO. 2025-06

TRAFFIC CONTROL NOTES

TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR FOR HIS WORK. TRAFFIC CONTROL SHALL CONFORM TO THE CALTRANS TRAFFIC MANUAL, TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE, AND THE REGIONAL STANDARD DRAWINGS. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND RECEIVE CITY APPROVAL FOR TRAFFIC CONTROL THAT DIFFERS FROM THOSE PLANS INCLUDED IN THE REGIONAL STANDARD DRAWINGS.

TEMPORARY ROAD CLOSURE

DURING THE ROADWAY CONSTRUCTION, THE CONTRACTOR SHALL CLOSE GLENCREST DRIVE IN THE VICINITY OF THE ROAD REALIGNMENT UP TO SIX WEEKS. ACCESS TO RESIDENTIAL DRIVEWAYS SHALL BE ACCOMMODATED. THE CONTRACTOR SHALL PREPARE, SUBMIT TO THE CITY FOR APPROVAL, AND IMPLEMENT A DETOUR PLAN. THE DETOUR PLAN SHALL INCLUDE PEDESTRIAN DETOURS ON LOMAS SANTA FE CROSSING GLENCREST DRIVE.

THE DETOUR PLAN SHALL BE IN ACCORDANCE WITH THE CALIFORNIA MUTCD. THE VEHICLE DETOUR ROUTE IS VIA DELL STREET AND SOLANA HILLS DRIVE TO LOMAS SANTA FE DRIVE.

POST SIGNS ON BARRICADES ONE WEEK PRIOR CLOSURE NOTIFYING DRIVERS OF FUTURE CLOSURE. SIGNS TO BE LOCATED ON GLENCREST, BETWEEN LOMAS SANTA FE AND DELL STREET, IN EACH DIRECTION. WORDING TO BE APPROVED BY CITY PRIOR TO POSTING. MINIMUM SIZE 36" SQUARE.

NO LANE CLOSURES SHALL BE ALLOWED PRIOR TO MAY 30, 2025 OR AFTER AUGUST 12, 2025.

WORK TO BE DONE:

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE LATEST EDITIONS OF:

STANDARD SPECIFICATIONS

- (1) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION INCLUDING THE REGIONAL SUPPLEMENTAL AMENDMENTS.
- (2) CALIFORNIA DEPARTMENT OF TRANSPORTATION "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES"

STANDARD DRAWINGS

- (1) SAN DIEGO REGIONAL STANDARD DRAWINGS
- (2) WATER AGENCIES' STANDARDS sdwas.org

PAVEMENT OVERLAY

OVERLAY THE FULL WIDTH OF GLENCREST TO THE INTERSECTION OF DELL STREET, EXCLUDING INTERSECTION.

2" THICK C2-PG 64-10 PER SPECIAL PROVISIONS

BASE PAVE REALIGNED SECTION 2" AC PLUS OVERLAY 2" AC, FOR TOTAL NEW 4" AC PAVEMENT.

ESTIMATED QUANTITIES:

OVERLAY 24,700 SF (22,700+2,000)
EDGE MILLING 1,500 LF
3" DEEP DIG-OUTS 400 SF

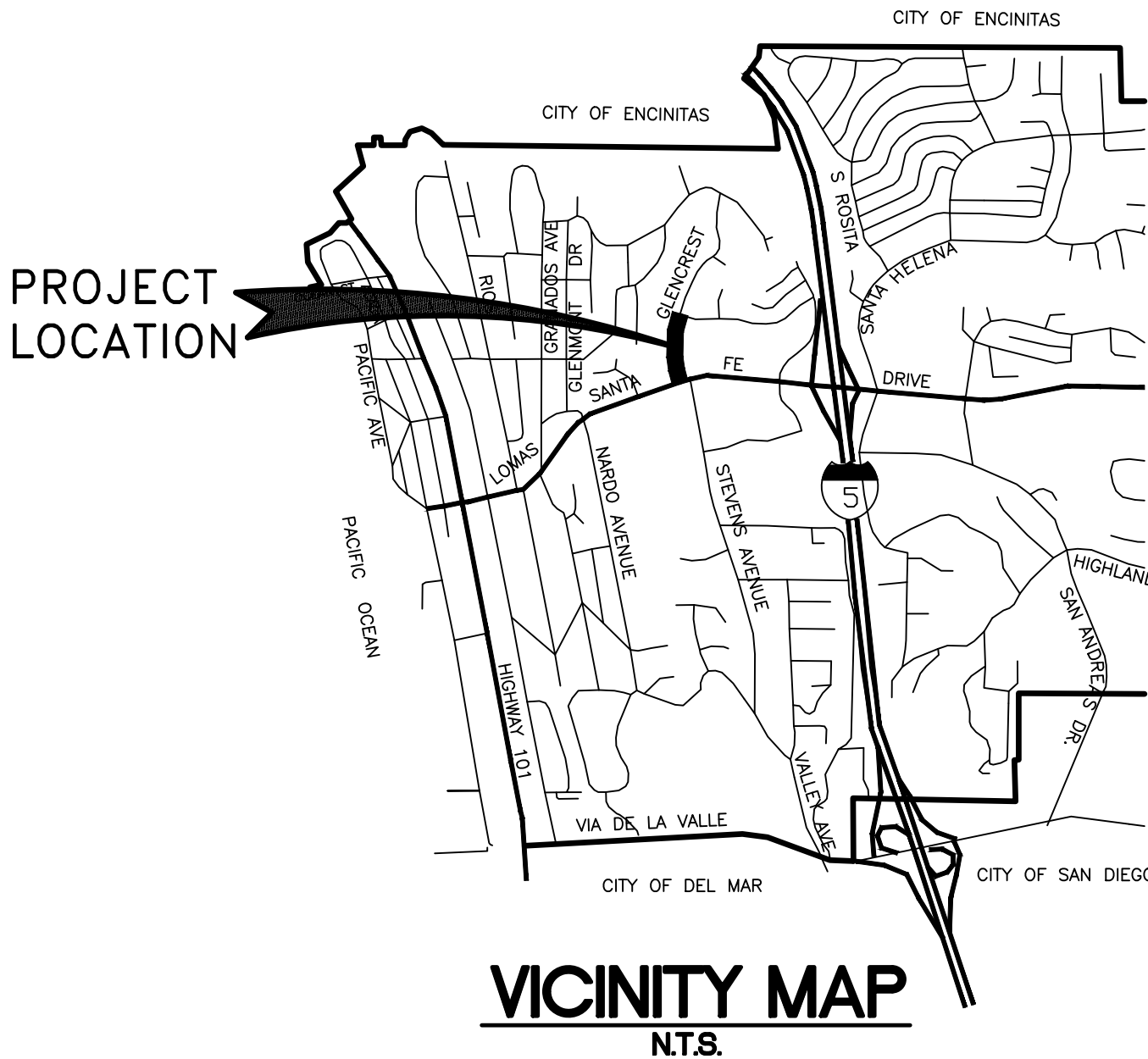
RAISE 2 SEWER MANHOLES, 1 WATER VALVE

INSTALL TRAFFIC STRIPING & MARKINGS AS FOLLOWS:

- DETAIL 22 CENTERLINE 150 LF
 - DETAIL 22 CENTERLINE 630 LF
 - DETAIL 27 EDGE LINE 11' FROM CENTERLINE, EACH SIDE 790 LF
 - 2 YELLOW CONTINENTAL CROSSWALKS (2'X10' BARS, 16 EA)
 - 25 MPH LEGEND (2 EA)
- CROSSWALK & LEGENDS IN THERMOPLASTIC**

SCOPE OF WORK

CONSTRUCTION OF CONCRETE CURBS, GUTTERS, AND SIDEWALKS ALONG BOTH SIDES OF GLENCREST DRIVE FROM LOMAS SANTA FE DRIVE TO DELL STREET.



BENCH MARK

STATION ENC-46, ELEV. 170.241 (NAVD88) RECORD OF SURVEY NO.18971

2.5" CITY OF ENCINITAS BRASS DISK "ENC-46 L57322" IN NORTHWEST CORNER OF CONCRETE DROP INLET IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF SANTA HELENA AND SANTA ROSA STREETS.

AS-BUILT

By: _____ Date: _____

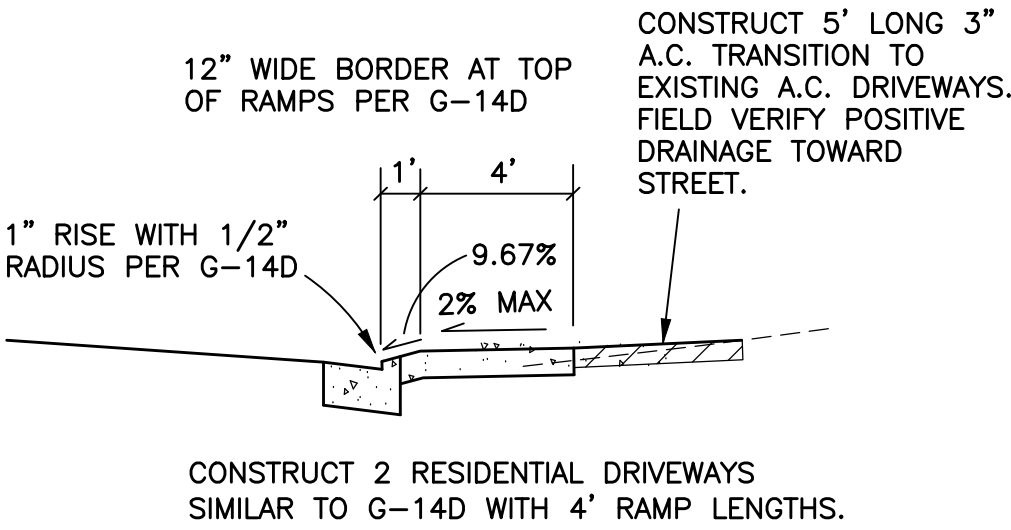
R.C.E.: _____ Exp: _____

		ENGINEER OF WORK		CITY APPROVED CHANGES		APP'D	DATE	RECOMMENDED FOR APPROVAL		APPROVED FOR CONSTRUCTION		BENCH MARK		CITY OF SOLANA BEACH	ENGINEERING DEPARTMENT	DRAWING NO.
		By: JAMES D GREENSTEIN Date: 3/21/19						By: _____ Date: _____		By: _____ Date: 5/21/25		DESCRIPTION: SEE NOTE ABOVE RIGHT		IMPROVEMENT PLANS FOR:		CG-XXXX
Drawn By: _____		R.C.E.: 36502 Exp: 6/30/20						By: _____ Date: _____		Daniel Goldberg, City Engineer R.C.E.: 57292 Exp: 12/31/25		ELEV.: 170.241 (NAVD88) DATUM: M.S.L.		GLENCREST DRIVE SIDEWALK IMPROVEMENTS		Sheet 1 of 3
												AT THE INTERSECTION WITH LOMAS SANTA FE DRIVE				

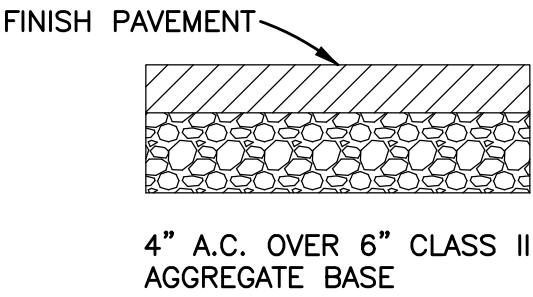
ESTIMATED QUANTITIES

EX. CROSS GUTTER REMOVAL 911 SF
EX. SIDEWALK + CURB REMOVAL 193 SF
EX. AC PAVEMENT REMOVAL 3,140 SF
SOIL EXPORT 140 CY
6" TYPE G CURB & GUTTER 118 LF
CURB RETURNS 88 LF
CROSS GUTTER 860 SF
AC PAVING + BASE 2,000 SF
AC DRIVEWAY & SIDEWALK TRANSITIONS 240 SF
4" CONCRETE SIDEWALKS + RAMPS 935 SF
5.5" DRIVEWAYS 200 SF
RETAINING WALLS 190 SF

CURB DATA (EAST)					
NO	BEARING/DELTA	RADIUS	LENGTH	SIZE/TYPE	
1	S10°30'10"E	--	5.67'	6"	TYPE G CURB & GTR
2	S16°0'14"E	--	19.36'	6"	TYPE G CURB & GTR
3	Δ = 2°19'47"	480.19'	19.52'	6"	CURB AT CROSS GTR
4	Δ = 0°57'18"	394.95'	6.58'	6"	TYPE G CURB & GTR
5	Δ = 64°29'48"	4.50'	5.07'	6"	TYPE G CURB & GTR
6	Δ = 62°36'24"	5.50'	6.01'	6"	TYPE G CURB & GTR
7	Δ = 3°29'51"	389.45'	23.77'	6"	TYPE G CURB & GTR
8	Δ = 62°36'24"	5.50'	6.01'	6"	TYPE G CURB & GTR
9	Δ = 63°54'35"	4.50'	5.02'	6"	TYPE G CURB & GTR
10	Δ = 2°42'53"	394.95'	18.71'	6"	TYPE G CURB & GTR
11	S2°23'43"E	--	23.90'	6"	TYPE G CURB & GTR
12	Δ = 63°15'23"	4.50'	4.97'	6"	TYPE G CURB & GTR
13	Δ = 63°15'23"	5.50'	6.07'	6"	TYPE G CURB & GTR
14	S2°23'43"E	--	180.05'	6"	TYPE G CURB & GTR



DRIVEWAY CROSS SECTION



NEW PAVEMENT SECTION

TRAFFIC STRIPING & MARKINGS

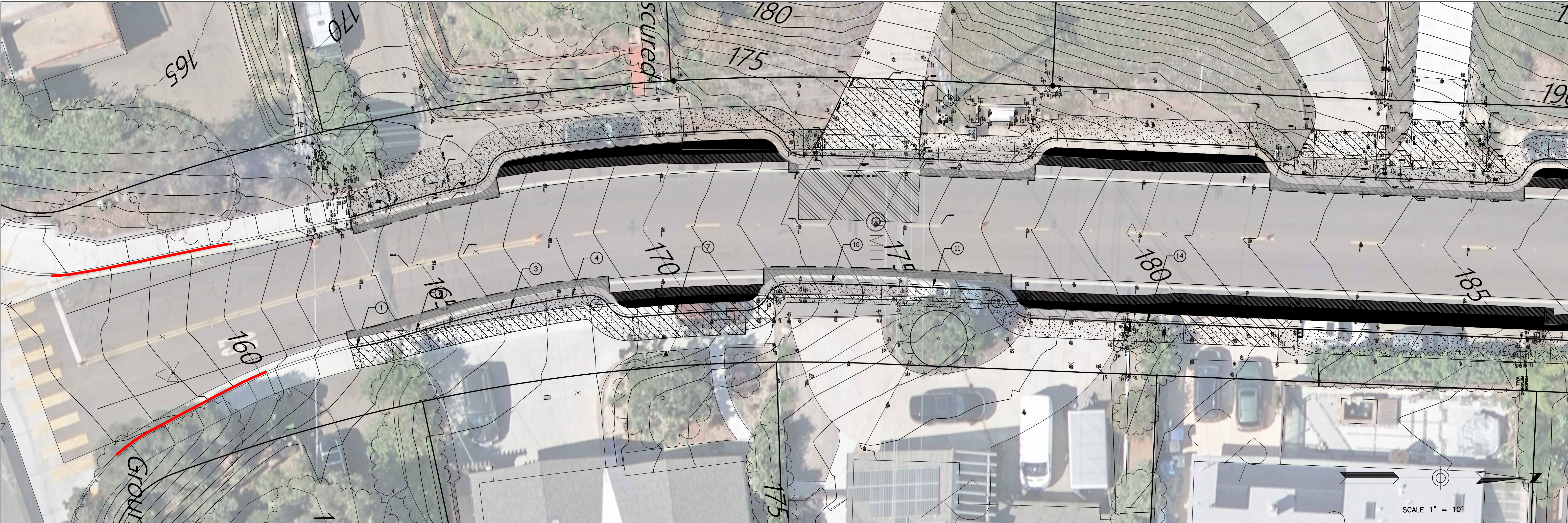
SEE SHEET 1 FOR QUANTITIES

TRAFFIC SIGNAL LOOPS

INSTALL & CONNECT FOUR (4) TRAFFIC SIGNAL DETECTION LOOPS FOR A LEFT TURN CONFIGURATION. ONE TYPE D LIMIT LINE LOOP DETECTOR AND THREE TYPE E LOOP DETECTORS.

BENCH MARK

STATION ENC-46, ELEV. 170.241 (NAVD88) RECORD OF SURVEY NO.18971
2.5" CITY OF ENCINITAS BRASS DISK "ENC-46 L57322"IN NORTHWEST CORNER OF CONCRETE DROP INLET IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF SANTA HELENA AND SANTA ROSITA STREETS.



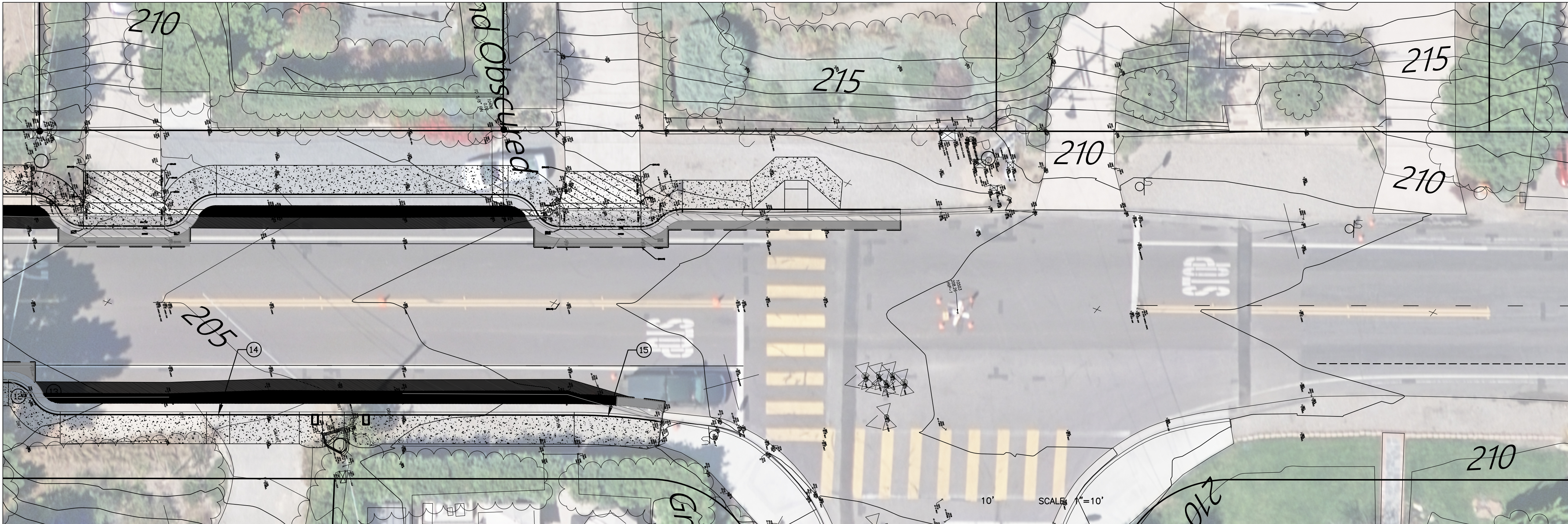
10' SCALE: 1"=10'

AS-BUILT

By: _____ Date: _____
R.C.E.: _____ Exp: _____

ENGINEER OF WORK		CITY APPROVED CHANGES		APP'D	DATE	RECOMMENDED FOR APPROVAL		APPROVED FOR CONSTRUCTION		BENCH MARK		CITY OF SOLANA BEACH IMPROVEMENT PLANS FOR: GLENCREST DRIVE SIDEWALKS AT THE INTERSECTION WITH LOMAS SANTA FE DRIVE	ENGINEERING DEPARTMENT	DRAWING NO.
By: _____ Date: 3/21/19	Drawn By: JAMES D GREENSTEIN R.C.E.: 36502 Exp: 6/30/20	_____	_____	_____	_____	By: _____ Date: _____	_____	By: _____ Date: 5/21/25	_____	DESCRIPTION: LOCATION: SEE NOTE ABOVE RIGHT	_____		_____	CG-XXXX
										ELEV.: 110.412 (NAVD 88) DATUM: M.S.L.				Sheet 2 of 3

CURB DATA (WEST)				
NO	BEARING/DELTA	RADIUS	LENGTH	SIZE/TYPE
1	S17°7'43"W	--	37.57'	6" TYPE G CURB & GTR
2	Δ = 81°30'30"	30.00'	42.68'	6" TYPE G CURB & GTR
3	N4°09'20"W	--	58.39'	6" CURB AT CROSS GTR
4	Δ = 1°15'19"	481.96'	10.56'	6" TYPE G CURB & GTR
5	Δ = 17°57'42"	100.00'	31.35'	6" TYPE G CURB & GTR
6	S22°33'56"E	--	17.00'	6" TYPE G CURB & GTR
7	Δ = 78°39'28"	30.00'	41.19'	6" CURB AT CROSS GTR



CURB DATA (EAST)				
NO	BEARING/DELTA	RADIUS	LENGTH	SIZE/TYPE
1	Δ = 41°24'36"	5.50'	3.98'	6" TYPE G CURB & GTR
2	Δ = 41°24'36"	4.50'	3.25'	6" TYPE G CURB & GTR
3	S2°23'43"W	--	4.86'	6" CURB AT CROSS GTR
4	Δ = 41°24'35"	4.50'	3.25'	6" TYPE G CURB & GTR
5	Δ = 41°24'35"	5.50'	3.98'	6" TYPE G CURB & GTR
6	S2°23'43"W	--	91.50'	6" TYPE G CURB & GTR
7	Δ = 63°15'23"	5.50'	6.07'	6" CURB AT CROSS GTR
8	Δ = 63°15'23"	4.50'	4.97'	6" CURB AT CROSS GTR
9	S2°23'43"W	--	15.88'	6" CURB AT CROSS GTR
10	Δ = 12°44'0"	486.50'	102.12'	6" CURB AT CROSS GTR
11	S15°7'43"W	--	15.04'	6" CURB AT CROSS GTR
12	Δ = 63°15'23"	4.50'	4.97'	6" CURB AT CROSS GTR
13	Δ = 63°15'23"	5.50'	6.07'	6" CURB AT CROSS GTR
14	S15°7'43"W	--	88.62'	6" CURB AT CROSS GTR
15	Δ = 8°22'40"	99.50'	14.55'	6" CURB AT CROSS GTR

AS-BUILT

By: _____ Date: _____
R.C.E.: _____ Exp: _____

ENGINEER OF WORK		CITY APPROVED CHANGES		APP'D DATE	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MARK	CITY OF SOLANA BEACH IMPROVEMENT PLANS FOR: GLENCREST DRIVE SIDEWALKS AT THE INTERSECTION WITH LOMAS SANTA FE DRIVE	ENGINEERING DEPARTMENT	DRAWING NO.
By: _____ Date: 3/21/19		By: _____ Date: _____		By: _____ Date: _____	By: _____ Date: _____	By: _____ Date: 5/21/25	DESCRIPTION: LOCATION: SEE NOTE ABOVE RIGHT		CG-XXXX	Sheet 3 of 3
Drawn By: JAMES D GREENSTEIN R.C.E.: 36502 Exp: 6/30/20		By: _____ Date: _____		By: _____ Date: _____	By: _____ Date: _____	By: _____ Date: 12/31/25	ELEV.: 110.412 (NAVD 88) DATUM: M.S.L.			