COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
IMPERIAL COUNTY PROJECT NO. 7135 CAPP

PROJECT DESCRIPTION

THE HEBER TOWNSITE VARIOUS ROADS IMPROVEMENTS PROJECT CONSISTS OF THE CONSTRUCTION OF NEW CONCRETE CURB AND GUTTER, SIDEWALK, HANDICAP RAMPS, CROSS-GUTTERS, AND A.C. PAVEMENT IMPROVEMENTS. THE NEW IMPROVEMENTS ARE TO BE INSTALLED ALONG SEVERAL STREETS WITHIN THE HEBER TOWNSITE, NORTH OF HIGHWAY 86 / MAIN STREET AND EAST OF HEBER AVENUE INCLUDING 6TH STREET, 7TH STREET, PARKYNS AVENUE AND HEFFERNAN AVENUE. THE PROPOSED ROADWAY WILL RETAIN EXISTING SECTIONS OF A.C. PAVEMENT WHERE POSSIBLE AND WILL BE WIDENED TO A WIDTH OF 40 FEET FROM FACE OF CURB TO FACE OF CURB THROUGH THE ENTIRE PROJECT SITE. ADDITIONAL ROADWAY IMPROVEMENTS INCLUDE THE RELOCATION OF STREET LIGHTS, UTILITY POLES, FIRE HYDRANTS, SIGNAGE AND STRIPING.

THE MAIN OBJECTIVE OF THIS PROJECT IS THE REDUCTION OF AIR POLLUTION FROM PARTICULATE MATTER AS WELL AS THE IMPROVEMENT OF PEDESTRIAN SAFETY AND ACCESSIBITILY. WITH THIS PURPOSE, A NEW 5-FOOT WIDE P.C.C. SIDEWALK IS TO BE INSTALLED ON BOTH SIDES OF THE ROADWAY FOR THE ENTIRE PROJECT SITE AS WELL AS P.C.C. HANDICAP RAMPS AT ALL INTERSECTIONS. ADDITIONALY, NEW A.C. PAVEMENT IS TO BE INSTALLED FROM THE NEW P.C.C. CURB AND GUTTER IMPROVEMENTS TO THE EXISTING A.C. PAVEMENT SECTIONS.

NEW CONCRETE CURB AND GUTTER IS TO BE INSTALLED ON BOTH SIDES OF THE IMPROVED ROADWAYS IN ORDER TO MAINTAIN THE EXISTING CONDITION OF THE FLOW OF STORMWATER THROUGHOUT THE PROJECT SITE AND CONVEY THE WATER TO THE POINTS OF DISCHARGE WEST OF THE PROJECT SITE ALONG HEBER AVENUE AND NORTH OF THE PROJECT SITE AT AN EXISTING STORMWATER CATCH BASIN LOCATED AT THE NORTH END OF PARKYNS AVENUE. THE STORMWATER WILL THEN BE DISCHARGED AT AN EXISTING CONCRETE LINED DRAIN RUNNING IN THE EAST-WEST DIRECTION, NORTH OF THE HEBER VILLAGE I APPARTMENTS, AND THEN NORTH TO ULTIMATELY DISCHARGE TO AN EXISTING IMPERIAL IRRIGATION DISTRICT DRAIN.

ABBREVIATIONS

AGG.	AGGREGATE	LIP.	LIP OF CURB IN DRIVEWAYS
APP.	APPROXIMATE	LOC.	LIMIT OF CONSTRUCTION
A.C.P.	ASBESTOS CEMENT PIPE	M.H.	MANHOLE
A.C.	ASPHALT CONCRETE	MAX.	MAXIMUM
AWWA	AMERICAN WATER WORKS ASSOCIATION	MIN.	MINIMUM
B.C.	BEGINNING OF CURVE RADIUS	MISC.	MISCELLANEOUS
BLDG.	BUILDING	N.T.S.	NOT TO SCALE
B.V.	BUTTERFLY VALVE	NS	NATIVE SURFACE
C	CHORD	O.C.	ON CENTER
C.I.	CAST IRON	O.D.	OUTSIDE DIAMETER
C.B.	CATCH BASIN	OHE	OVERHEAD ELECTRICAL LINE
C&G	CURB AND GUTTER	PAD	PAD ELEVATION
C.M.C.	CEMENT MORTAR COATED	%	PERCENT
C.M.L.	CEMENT MORTAR LINED	P.I.G.	POINT OF INTERSECTING GRADES
℄	CENTERLINE	P.I.T.	POINT OF INFLECTION
D.G.	DECOMPOSED GRANITE	P.V.C.	POLY VINYL CHLORIDE
DIA.	DIAMETER	P.C.C.	PORTLAND CONCRETE CEMENT
DI	DUCTILE IRON	P.P.	POWER POLE
D/W	DRIVEWAY	R.	RADIUS
Δ	DELTA	R.C.P.	REINFORCED CONCRETE PIPE
E.P.	EDGE OF PAVEMENT	ROW	RIGHT-OF-WAY
EL.	ELEVATION	SW	SIDEWALK
E.C.	END OF CURVE RADIUS	S.	SLOPE
F.F.	FINISH FLOOR ELEVATION	S.D.	STORM DRAIN
℄	FLOWLINE	SS	SANITARY SEWER
F.S.	FINISH SURFACE	STA	STATION
G.B.	GRADE BREAK	T.	TANGENT
G.V.	GATE VALVE	T.C.	TOP OF P.C.C. CURB
H.B.	HOSE BIB	T.C.C.	TOP OF CONCRETE
I.D.	INSIDE DIAMETER	TMH	TOP OF MANHOLE
INV.	INVERT	T.P.	TOP OF PAVEMENT
L.	LENGTH	TYP.	TYPICAL
		VCP	VITRIFIED CLAY PIPE

GENERAL NOTES

STREET IMPROVEMENT GENERAL NOTES

1. COUNTY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
2. THE STRUCTURAL SECTIONS SHALL BE IN ACCORDANCE WITH IMPERIAL COUNTY STANDARDS (OR CALTRANS IF IN STATE ROW) AND AS APPROVED BY THE PUBLIC WORKS DIRECTOR (OR CALTRANS).
3. APPROVAL OF THESE IMPROVEMENT PLANS, AS SHOWN, DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
4. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS-GUTTER AND PAVING.
5. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
6. LOCATION AND ELEVATIONS OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
7. UTILITIES COORDINATION

   NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT.

   A. COUNTY OF IMPERIAL
   DEPARTMENT OF PUBLIC WORKS
   155 S. ELEVENTH STREET
   EL CENTRO, CA 92243
   PHONE: (442) 265-1818
   CONTACT: JOHN GAY, P.E.

   B. HEBER PUBLIC UTILITY DISTRICT
   1078 DOGWOOD ROAD
   HEBER, CA 92249
   PHONE: (760) 482-2440
   CONTACT: MADELINE DESSERT

   C. SPECTRUM
   313 N. EIGHTH STREET
   EL CENTRO, CA 92243
   PHONE: (760) 578-5294
   CONTACT: CHRIS CORTEZ

   D. SOUTHERN CALIFORNIA GAS COMPANY-PLANNING DEPARTMENT
   P.O. BOX 3003
   1981 W. LUGONIA AVENUE
   REDLANDS, CA 92373
   PHONE: (909) 335-7581
   CONTACT: ANTONIO MORALES

   E. SOUTHERN CALIFORNIA GAS COMPANY
   502 EAST ROSS AVENUE
   EL CENTRO, CA 92243
   PHONE: (760) 370-5612
   CONTACT: ENRIQUE CUEVAS

   F. IMPERIAL IRRIGATION DISTRICT - POWER DIVISION
   333 WATERMAN AVENUE
   EL CENTRO, CA 92243
   PHONE: (760) 482-3426
   CONTACT: IGNACIO ROMO

   G. IMPERIAL IRRIGATION DISTRICT - WATER DIVISION
   333 E. BARIONI BLVD.T
   IMPERIAL CA 92251
   PHONE: (760) 339-8607
   CONTACT: ISMAEL GOMEZ, P.E.

   H. AT&T
   1029 S. SECOND STREET
   EL CENTRO, CA 92243
   PHONE: (760) 337-3358
   CONTACT: DANIEL GARCIA

   I. UNDERGROUND SERVICE ALERT
   PHONE: 811

8. EXISTING UNDERGROUND UTILITIES

   BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK.

   CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HERON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

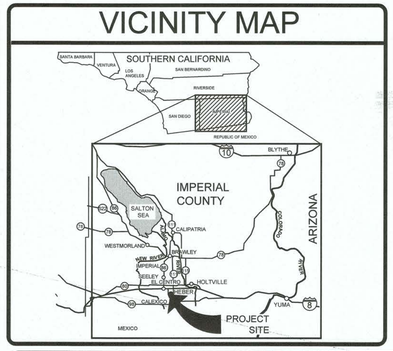
   ACCURATE VERIFICATIONS AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTORS RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, AT&T, IMPERIAL IRRIGATION DISTRICT, HEBER PUBLIC UTILITY DISTRICT, AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING WORK NEAR SUCH UTILITY FACILITIES AND SHALL COORDINATE WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "UNDERGROUND SERVICE ALERT" AT 811.

9. IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
10. NO PAVING SHALL BE COMPLETED UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
11. PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. COUNTY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS.
12. ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY TYPE REFLECTIVE FACE OR EQUIVALENT.
13. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPING, PAVEMENT MARKERS, OR LEGENDS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT.
14. THE CONTRACTOR SHALL COMPLETE ALL NEW STRIPING AND SANDBLASTING OF REDUNDANT OR EXISTING STRIPING.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE COUNTY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN COUNTY ROAD RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED. (760) 482-4462. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THE USA CONTACT NUMBER IS 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE COUNTY DEPARTMENT OF PUBLIC WORKS OR THEIR REPRESENTATIVE.
16. NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE COUNTY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS-BUILT PLAN SET WILL BE PROVIDED TO THE PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION AND PRIOR TO PROJECT ACCEPTANCE.
17. ALL WORK AND MATERIALS SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE IMPERIAL COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS AND ENCROACHMENT PERMIT CONDITIONS, ANY REFERENCED STANDARDS AND SPECIFICATIONS AND THE SPECIFICATIONS & THE REQUIREMENTS OF THE AGENCIES REFERRED TO HEREIN. ALL WORK SHOWN OR INDICATED BY THESE PLANS SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARDS, POLICIES AND REGULATIONS OF IMPERIAL COUNTY, WHERE, OR IF, CONFLICTS OCCUR, THE IMPERIAL COUNTY REQUIREMENTS SHALL GOVERN.
18. UNLESS SPECIFICALLY INDICATED OTHERWISE, METHODS EMPLOYED AND MATERIAL USED IN THE CONSTRUCTION OF ALL OFFSITE IMPROVEMENTS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE "STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 2010". ALL WORK IS SUBJECT TO INSPECTION AND APPROVAL AS REQUIRED.
19. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF SAFETY AND TO ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND STANDARDS.
20. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY. CONTACT "STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER QUALITY, ATTENTION: STORM WATER PERMIT UNIT, P.O. BOX 1977, SACRAMENTO, CALIFORNIA, 95812".
21. CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNER/OWNERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD, PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.
22. EXISTING STORM DRAIN PIPES/CULVERTS, WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO, OR JUST IN PROJECT VICINITY SHALL BE REPAIRED AND/OR CLEANED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE PUBLIC WORKS DIRECTOR.
23. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) OR AS DIRECTED BY THE IMPERIAL COUNTY TRAFFIC ENGINEER.
24. ANY EXISTING SURVEY MONUMENTS OR COUNTY RECOGNIZED BENCHMARKS SHALL BE PROTECTED BY THE CONTRACTOR. SHOULD ANY SUCH MONUMENTS OR BENCHMARKS BE REMOVED, DAMAGED, OBLITERATED OR ALTERED BY THE CONTRACTORS OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER RESETTING OF THE SAME AS PER THE SUBDIVISION MAP ACT, THE PROFESSIONAL LAND SURVEYORS ACT AND THE SATISFACTION OF THE COUNTY SURVEYOR/DIRECTOR OF PUBLIC WORKS. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY AS APPROPRIATE SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER.
25. DUST SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH ALL IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT (APCD) FUGITIVE DUST CONTROL RULES AND REGULATIONS AND SHALL COMPLY WITH THEIR PERMITTING REQUIREMENTS, IF APPLICABLE.
26. THE NOTES LISTED ABOVE ARE A MINIMUM LIST. THIS DOES NOT RELIEVE THE ENGINEER FROM COMPILING ADDITIONAL NOTES THAT MAY BE REQUIRED FOR THE PROJECT.

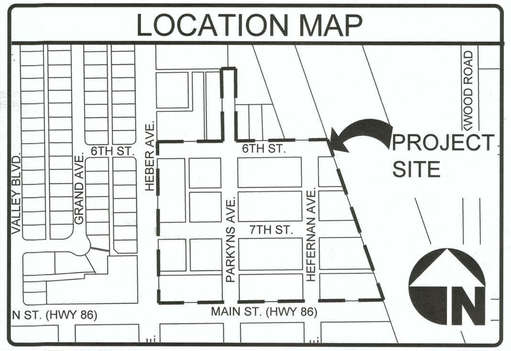
GRADING PLAN GENERAL NOTES

1. APPROVAL OF THIS GRADING PLAN DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.
2. FINAL APPROVAL OF THESE GRADING PLANS SUBJECT TO FINAL APPROVAL OF THE ASSOCIATED IMPROVEMENT PLANS WHERE APPLICABLE. FINAL CURB GRADE ELEVATIONS MAY REQUIRE CHANGES IN THESE PLANS.
3. IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE COUNTY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN COUNTY ROAD RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED. (760) 482-4462. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THE USA CONTACT NUMBER IS 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF THE COUNTY DEPARTMENT OF PUBLIC WORKS.
5. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE AGENCIES LISTED ON SECTION 7 OF THE STREET IMPROVEMENT GENERAL NOTES.
6. A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT AND/OR GRADING PLAN APPROVAL.
7. APPROVAL OF THESE PLANS BY THE DIRECTOR OF PUBLIC WORKS DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED AND VALID GRADING PERMIT HAS BEEN ISSUED BY THE COUNTY PLANNING DEPARTMENT.
8. THE DIRECTOR OF PUBLIC WORKS' APPROVAL OF THESE PLANS DOES NOT CONSTITUTE COUNTY BUILDING OFFICIAL APPROVAL OF ANY FOUNDATION FOR STRUCTURES TO BE PLACED ON THE ITEMS COVERED BY THESE PLANS, INCLUDING ANY ONSITE OR PERIMETER SCREEN OR RETAINING WALLS.
9. ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.
10. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY SUCH PROPERTY FROM SETTLING, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE, WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THE PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
11. SPECIAL CONDITION: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING OPERATION, SUCH OPERATION WILL CEASE IMMEDIATELY AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF THE PLANNING DEPARTMENT AND THE DISCOVERY GRADING OPERATION WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECEIVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PLANNING TO DO SO.
12. THE CONSTRUCTION OF ONE PCC STANDARD DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER OF WORK AND APPROVED BY COUNTY PUBLIC WORKS INSPECTOR. PCC SURFACING OF DRIVEWAY TO EXTEND FROM CURB TO PROPERTY LINE.
13. ALL GRADING SHALL CONFORM TO THE UNIFORM BUILDING CODE APPENDIX CHAP. 33, AS AMENDED BY TITLE 9 LAND USE ORDINANCE.
14. ALL PROPERTY CORNERS SHALL BE CLEARLY DELINEATED IN THE FIELD PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION AND/OR GRADING.
15. DURING ROUGH GRADING OPERATIONS AND PRIOR TO THE CONSTRUCTION OF ANY PERMANENT DRAINAGE STRUCTURES, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO CONTIGUOUS PROPERTIES.
16. DUST SHALL BE CONTROLLED IN ACCORDANCE WITH THE APPROVED PM10 PLAN. APPROVAL SHALL BE BY IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT.
17. NO FILL SHALL BE PLACED ON EXISTING GROUND UNTIL THE EXISTING GROUND HAS BEEN CLEARED OF WEEDS, DEBRIS, TOPSOIL AND OTHER DELETERIOUS MATERIAL.
18. THE MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 3:1, AS NOTED ON THE PROJECT GEOTECHNICAL REPORT.
19. A 5' WIDE BY 1' HIGH BERM, OR EQUIVALENT, SHALL BE CONSTRUCTED ALONG THE TOP OF ALL FILL SLOPES OVER 5' IN VERTICAL HEIGHT. ALL SLOPES LESS THAN OR EQUAL TO 5' SHALL HAVE A BERM TO PREVENT DRAINAGE FROM ERODING SAME.
20. A BROW DITCH DESIGNED TO HANDLE THE FLOWS (Q) FROM A 100-YR. STORM EVENT SHALL BE CONSTRUCTED ALONG THE TOP OF ALL CUT SLOPES.
21. NO OBSTRUCTION OF FLOOD PLAINS OR NATURAL WATER COURSES WILL BE PERMITTED.
22. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST CONTINUE TO FUNCTION DURING STORM CONDITIONS. PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS MUST BE USED TO PROTECT CONTIGUOUS PROPERTIES DURING GRADING OPERATIONS.
23. THE FINISHED GRADE SHALL BE SLOPED AWAY FROM ALL EXTERIOR BUILDING WALLS AT NOT LESS THAN 4% (1/2" PER FOOT) FOR A MINIMUM OF 3 FEET, UNLESS A SOIL REPORT PROVIDES ALTERNATE RECOMMENDATIONS.
24. A SUITABLY QUALIFIED AND REGISTERED PROFESSIONAL SHALL SUBMIT A WRITTEN CERTIFICATION TO THE PUBLIC WORKS DEPARTMENT THAT THE FINAL GRADING HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS FOR ALL GRADING DESIGNATED AS "ENGINEERED GRADING". AS-BUILT PLANS SHALL BE PROVIDED PRIOR TO FINAL ACCEPTANCE.
25. THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS IN ADVANCE OF REQUESTING A FINISH LOT GRADE AND DRAINAGE INSPECTION. THIS INSPECTION MUST BE APPROVED PRIOR TO THE BUILDING PERMIT FINAL INSPECTION BY PUBLIC WORKS FOR EACH LOT.
26. THE CONTRACTOR SHALL NOTIFY "UNDERGROUND SERVICE ALERT" AT 811 A MINIMUM OF TWO DAYS PRIOR TO THE COMMENCEMENT OF ANY DIGGING OR EXCAVATION.
27. THE CONTRACTOR SHALL POSSESS A CALIFORNIA CONTRACTOR'S LICENSE, CLASS A, AT THE TIME THIS CONTRACTOR IS AWARDED.

VICINITY MAP



LOCATION MAP



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DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF THE WORK OF THIS PROJECT, THAT I HAVE EXERCISED REPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION OF 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY THE COUNTY OF IMPERIAL IS CONFINED TO REVIEW ONLY, AND DOES NOT RELIEVE ME AS ENGINEER OF WORK, OF MY REPONSIBILITY FOR PROJECT DESIGN.

ROLANDO SANCHEZ
THE HOLT GROUP, INC.
1601 N. IMPERIAL AVENUE
(760) 337-3883

ROLANDO SANCHEZ — 05/21/2025
R.C.E. NO. 90701 — DATE

REGISTERED PROFESSIONAL ENGINEER — ROLANDO SANCHEZ — No. 90701 — Exp. 12-31-25 — CIVIL — STATE OF CALIFORNIA

DIGALERT — DIAL BEFORE YOU DIG — TWO WORKING DAYS BEFORE YOU DIG — TOLL FREE 811 — A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER — ROLANDO SANCHEZ — No. 90701 — Exp. 12-31-25 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER — JOHN A. GAY — No. 62028 — Exp. 9-30-25 — CIVIL — STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE	04/11/2025
DRAWN	RS
DESIGNED	RS
SCALE	1" = 10'
CHECKED	JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
TITLE SHEET

REFERENCE

THG #542.134

SHEET 1 OF 33

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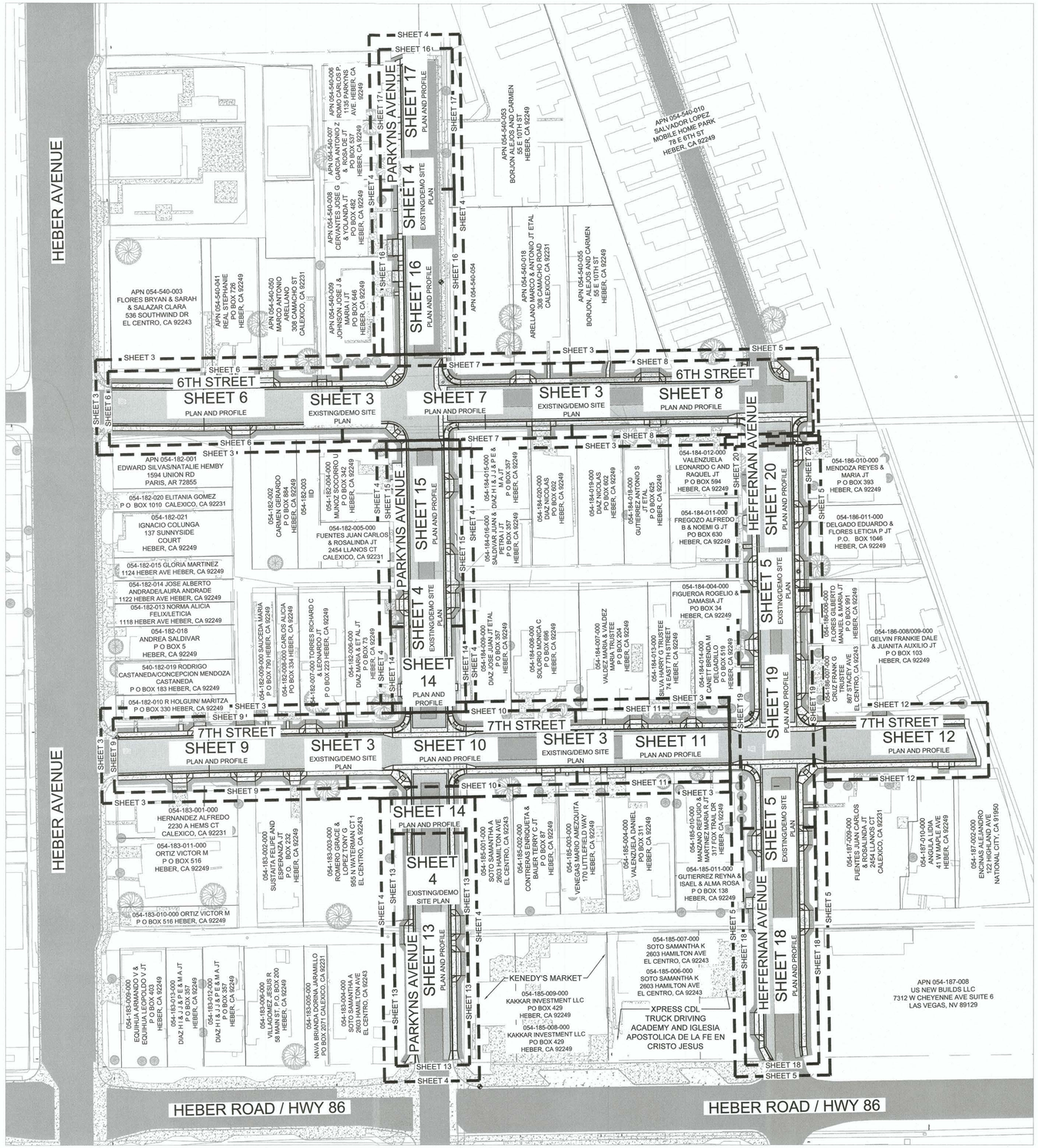

BENCHMARK TABLE

BENCHMARK / TBM	DESCRIPTION	ELEVATION
PROJECT BENCH MARK	**ELEVATIONS ARE REFERENCED TO NAVD88, UTILIZING GEOID12A AND DETERMINED LOCALLY BY GPS TIES TO NATIONAL GEODETIC SURVEY (NGS) BENCHMARK C 16 PID: DB1206. THE BENCHMARK IS A 3" BRASS DISK SET IN THE TOP OF A CONCRETE HEADWALL AND IS STAMPED "C 16 1981 LS 4538".** **PRIMARY VERTICAL CONTROL** - NAVD 88 ORTHO HEIGHT= -14.03 FEET + 1000 FEET = 985.97	985.97
TBM 1	MARKED "X" ON THE TOP OF CURB AT THE BEGINING OF CURB OF THE NORTHEAST CORNER OF THE INTERSECTION OF HEBER AVENUE AND 6TH STREET.	985.79
TBM 2	MARKED "X" ON THE TOP OF CURB ON THE EAST SIDE OF PARKYNS AVENUE AT STATION 10+00, APPROXIMATELY 98 FEET NORTH OF THE END OF CURB OF THE NORTHEAST CORNER OF THE INTERSECTION OF PARKYNS AVENUE AND 6TH STREET.	985.61
TBM 3	SET NAIL ON THE SOUTH FACE OF EXISTING POWER POLE NO. 21413D AT THE NORTHWEST CORNER OF THE INTERSECTION OF 6TH STREET AND HEFFERNAN AVENUE.	987.76
TBM 4	SET NAIL ON THE EAST FACE OF EXISTING POWER POLE NO. 200377 AT THE NORTHWEST CORNER OF THE INTERSECTION OF 7TH STREET AND HEFFERNAN AVENUE.	987.89
TBM 5	MARKED "X" ON THE TOP OF CURB AT THE BEGINING OF CURB OF THE NORTHWEST CORNER OF THE INTERSECTION OF HEFFERNAN AVENUE AND MAIN STREET/HIGHWAY 86.	987.83
TBM 6	MARKED "X" ON THE TOP OF CURB AT THE BEGINING OF CURB OF THE NORTHEAST CORNER OF THE INTERSECTION OF PARKYNS AVENUE AND MAIN STREET/HIGHWAY 86.	987.77
TBM 7	SET NAIL ON THE WEST FACE OF EXISTING POWER POLE NO. 30345 AT THE SOUTHEAST CORNER OF THE INTERSECTION OF 7TH STREET AND PARKYNS AVENUE.	988.63
TBM 8	MARKED "X" ON THE TOP OF CURB AT THE BEGINING OF CURB OF THE NORTHEAST CORNER OF THE INTERSECTION OF HEBER AVENUE AND 7TH STREET.	986.49

SCALE 1"= 60'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
INDEX SHEET & VERTICAL CONTROL TABLE

REFERENCE
THG #542.134
SHEET 2 OF 33

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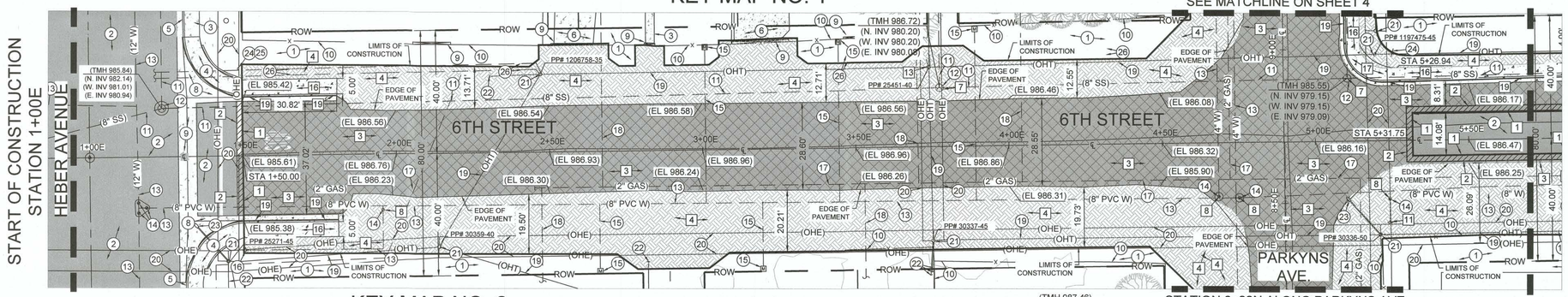
KEY MAP NO. 1



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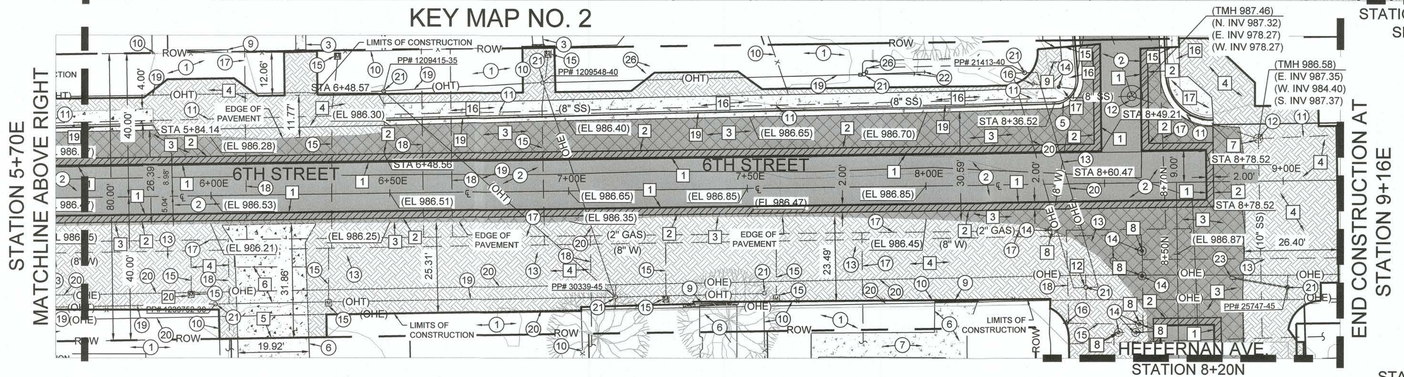

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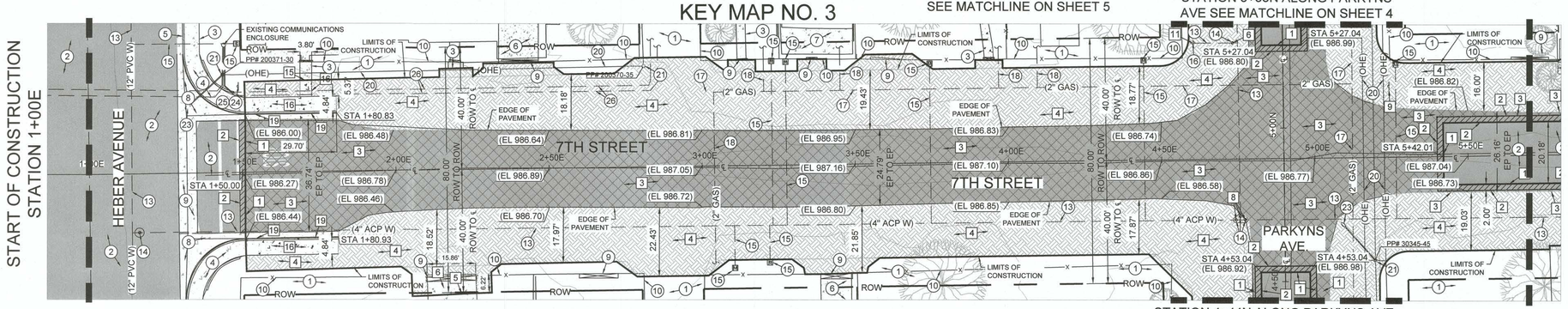

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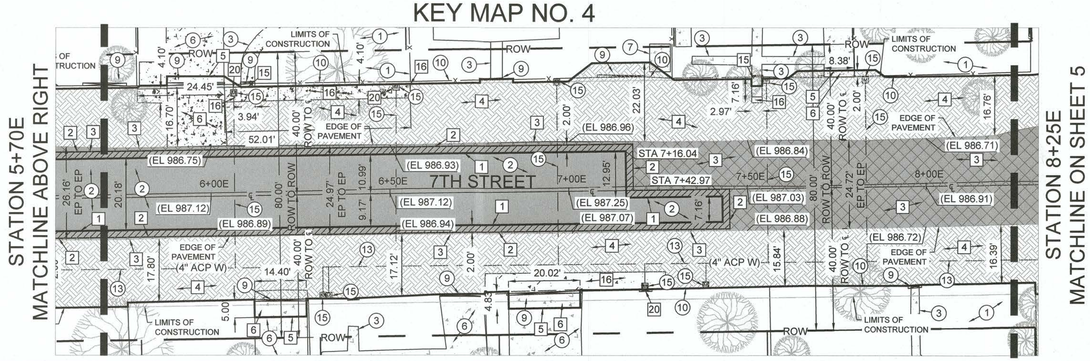

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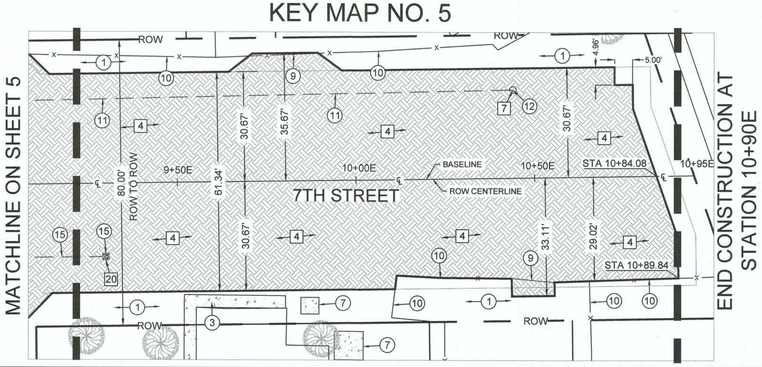

SCALE 1"= 20'

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
5. EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
6. EXISTING P.C.C. DRIVEWAY TO REMAIN.
7. EXISTING P.C.C. SLAB TO REMAIN.
8. EXISTING P.C.C. SPANDREL TO REMAIN.
9. EXISTING FENCE GATE TO REMAIN.
10. EXISTING FENCE TO REMAIN.
11. EXISTING SANITARY SEWER PIPELINE TO REMAIN.
12. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
13. EXISTING WATER PIPELINE TO REMAIN.
14. EXISTING WATER VALVE TO REMAIN.
15. EXISTING WATER SERVICE LINE AND METER TO REMAIN.
16. EXISTING FIRE HYDRANT TO REMAIN.
17. EXISTING GAS PIPELINE TO REMAIN.
18. EXISTING GAS SERVICE TO REMAIN.
19. EXISTING OVERHEAD TELEPHONE LINES.
20. EXISTING OVERHEAD ELECTRICAL LINES.
21. EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
22. EXISTING GUY WIRE TO REMAIN.
23. EXISTING STREET LIGHT TO REMAIN.
24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

DEMOLITION KEYNOTES

1. SAWCUT THE EXISTING A.C. PAVEMENT FOR THE FULL DEPTH OF THE A.C. PAVEMENT.
2. COLD PLANE EXISTING A.C. PAVEMENT FOR A DEPTH OF 0.20' MIN. PER DETAIL A ON SHEET 26. CONTRACTOR SHALL DISPOSE OF GRINDINGS.
3. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
4. REMOVE AND DISPOSE OF EXISTING NATIVE MATERIAL TO SUBBASE DESIGN GRADE WITHIN THE EARTH HATCH AREA.
5. SAWCUT THE EXISTING P.C.C. DRIVEWAY FOR THE FULL DEPTH. CONTRACTOR SHALL SAWCUT THE DRIVEWAY FOR A DISTANCE AS REQUIRED TO ACHIEVE A MAXIMUM 9.67 PERCENT SLOPE ON THE NEW P.C.C. DRIVEWAY TO BE INSTALLED.
6. REMOVE AND DISPOSE OF EXISTING P.C.C. DRIVEWAY AND UNDERLYING MATERIAL TO SUB-BASE DESIGN ELEVATION.
7. CONTRACTOR TO LOWER THE EXISTING SANITARY SEWER MANHOLE FRAME AND COVER TO 0.3' BELOW FINISH GRADE PRIOR TO PAVING ACTIVITIES.
8. CONTRACTOR TO LOWER THE EXISTING WATER VALVE RISER TO 0.3' BELOW FINISH GRADE PRIOR TO PAVING ACTIVITIES.
9. REMOVE AND TEMPORARILY STORE THE EXISTING STOP SIGN AND, STREET NAME SIGNS TO BE RELOCATED.
10. REMOVE AND DISPOSE OF EXISTING 3-FOOT HIGH ABANDONED WIRE MESH FENCE.
11. RELOCATE THE EXISTING FIRE HYDRANT ASSEMBLY TO A LOCATION BEHIND THE NEW P.C.C. SIDEWALK PER PLAN AND PROFILE SHEETS.
12. RELOCATE THE EXISTING POWER POLE. SEE PLAN AND PROFILE SHEETS 4 TO 6 FOR PROPOSED NEW LOCATION.
13. RELOCATE THE EXISTING TELEPHONE POLE. SEE PLAN AND PROFILE SHEETS 4 TO 6 FOR PROPOSED NEW LOCATION.
14. REMOVE AND TEMPORARILY STORE THE EXISTING SPEED LIMIT AND LEFT TURN ARROW SIGNS TO BE RELOCATED
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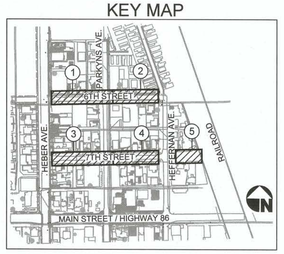
16. REMOVE AND DIPOSE OF THE EXISTING P.C.C. SIDEWALK AND UNDERLYING MATERIAL TO SUB-BASE DESIGN ELEVATION.
17. REMOVE AND DISPOSE OF EXISTING P.C.C. HANDICAP RAMP AND UNDERLYING MATERIAL TO SUB-BASE DESIGN ELEVATION.
18. SAWCUT THE EXISTING P.C.C. CURB AND GUTTER FOR THE FULL DEPTH.
19. REMOVE AND DISPOSE OF THE EXISTING P.C.C. CURB AND GUTTER AND UNDERLYING MATERIAL TO SUB-BASE DESIGN GRADE.
20. ADJUST THE EXISTING WATER METER BOX TO FINISH GRADE ELEVATION.
21. REMOVE EXISTING PAVEMENT STRIPING.

KEY MAP



REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

SIXTH AND SEVENTH STREET
EXISTING/DEMOLITION SITE PLAN

REFERENCE
THG #542.134
SHEET 3 OF 33

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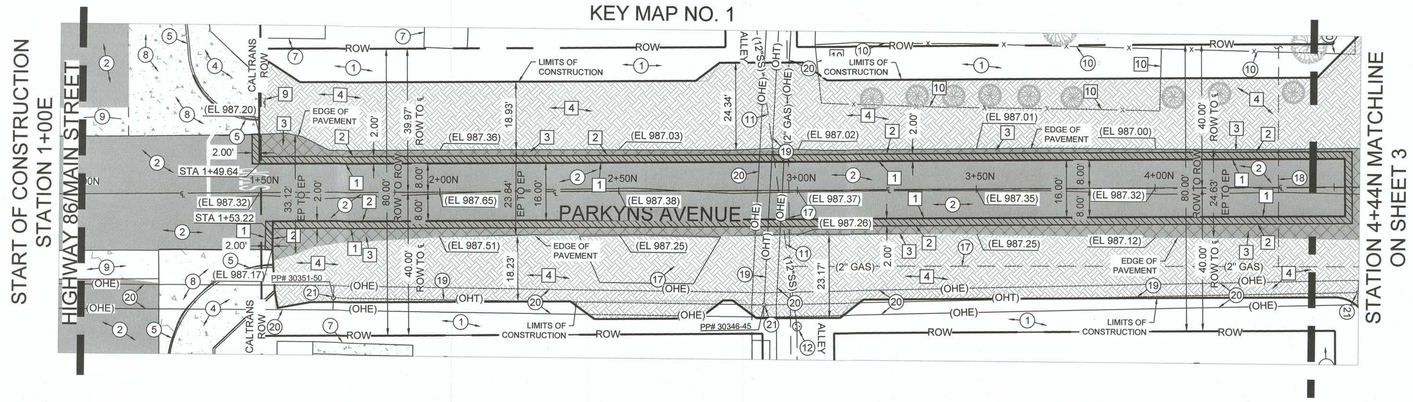
KEY MAP NO. 1



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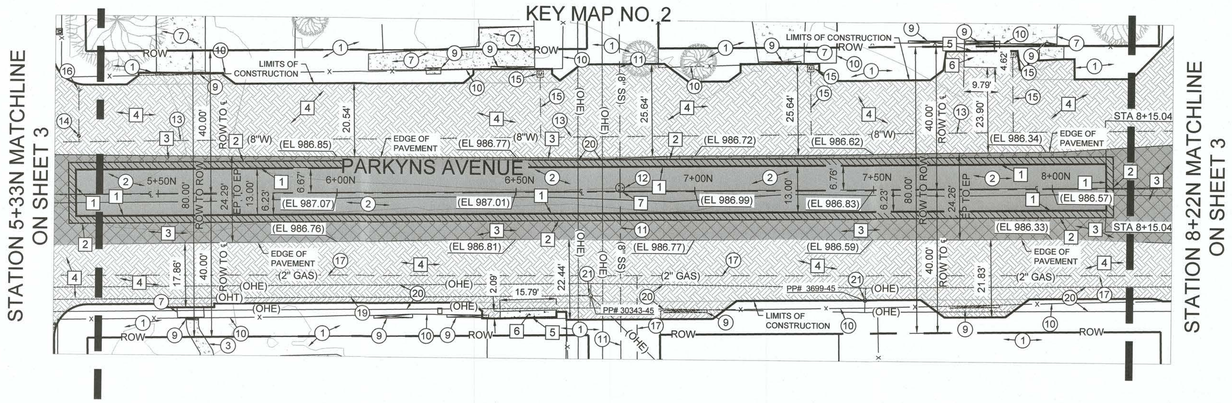

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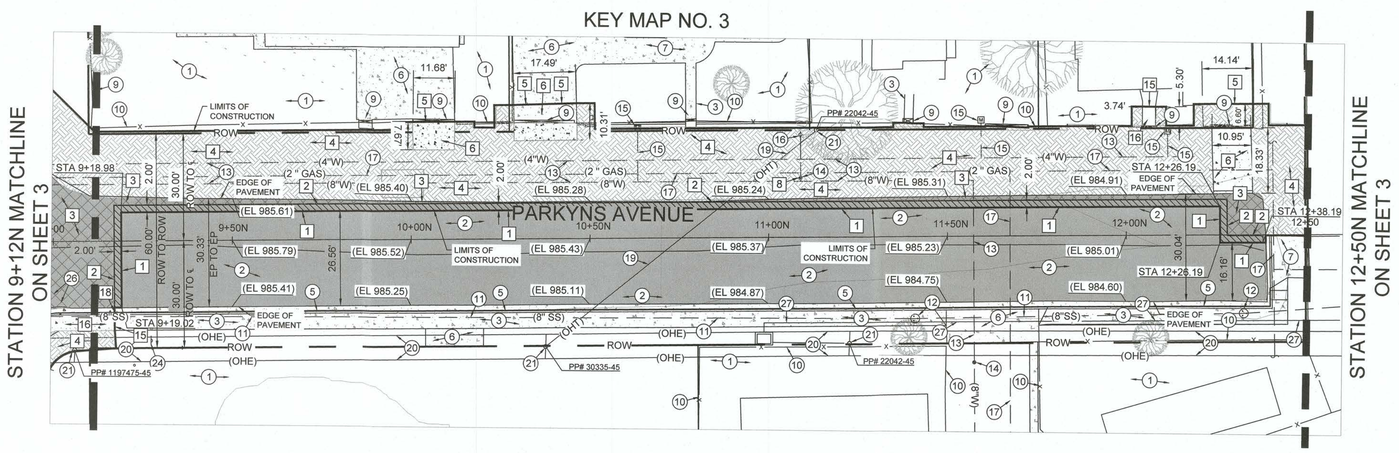

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
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25. EXISTING STOP SIGN TO REMAIN.
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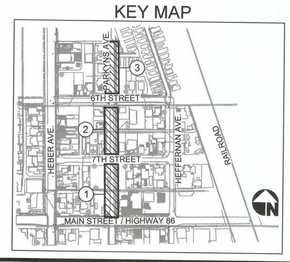
21. REMOVE EXISTING PAVEMENT STRIPING.

KEY MAP



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SCALE 1"= 20'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 62028 R.C.E. No. — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
PARKYNS AVENUE EXISTING/DEMOLITION SITE PLAN

REFERENCE
THG #542.134
SHEET 4 OF 33

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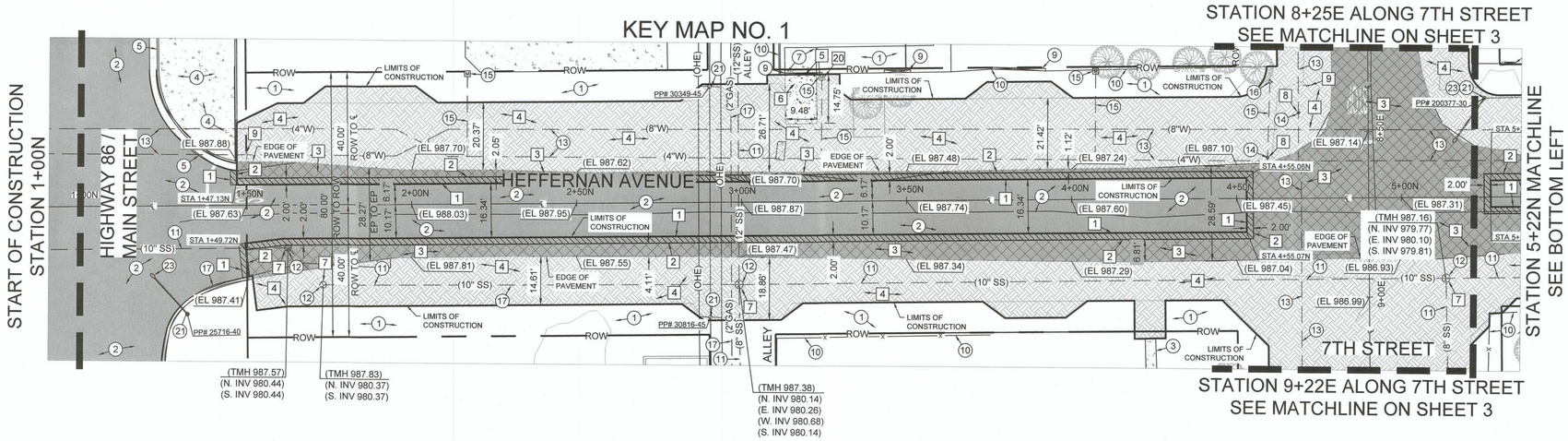
KEY MAP NO. 1



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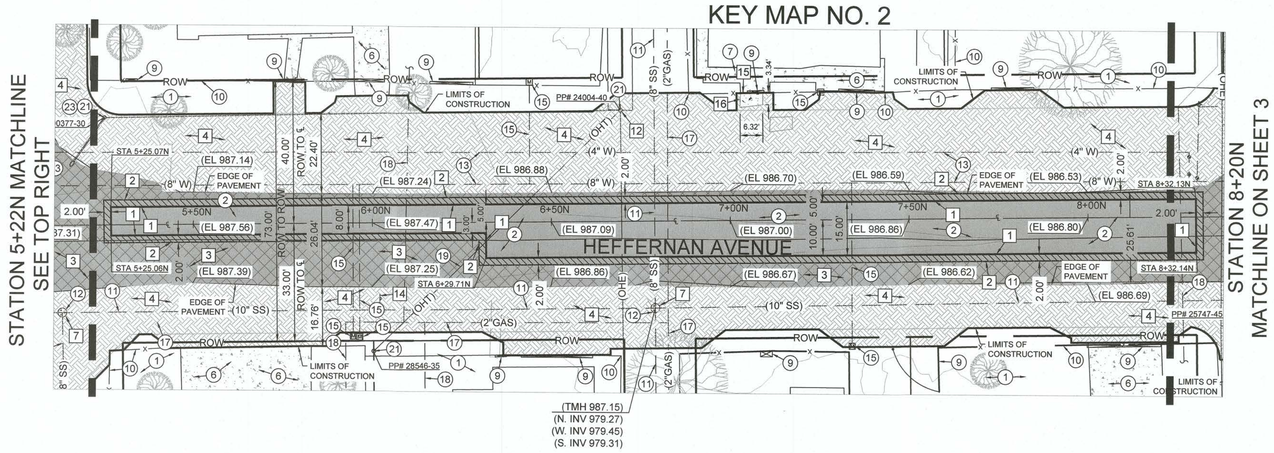

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
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10. EXISTING FENCE TO REMAIN.
11. EXISTING SANITARY SEWER PIPELINE TO REMAIN.
12. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
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14. EXISTING WATER VALVE TO REMAIN.
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17. EXISTING GAS PIPELINE TO REMAIN.
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24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

DEMOLITION KEYNOTES

1. SAWCUT THE EXISTING A.C. PAVEMENT FOR THE FULL DEPTH OF THE A.C. PAVEMENT.
2. COLD PLANE EXISTING A.C. PAVEMENT FOR A DEPTH OF 0.20' MIN. PER DETAIL A ON SHEET 26. CONTRACTOR SHALL DISPOSE OF GRINDINGS.
3. REMOVE AND DISPOSE OF EXISTING A.C. PAVEMENT AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
4. REMOVE AND DISPOSE OF EXISTING NATIVE MATERIAL TO SUBBASE DESIGN GRADE WITHIN THE EARTH HATCH AREA.
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6. REMOVE AND DISPOSE OF EXISTING P.C.C. DRIVEWAY AND UNDERLYING MATERIAL TO SUB-BASE DESIGN ELEVATION.
7. CONTRACTOR TO LOWER THE EXISTING SANITARY SEWER MANHOLE FRAME AND COVER TO 0.3' BELOW FINISH GRADE PRIOR TO PAVING ACTIVITIES.
8. CONTRACTOR TO LOWER THE EXISTING WATER VALVE RISER TO 0.3' BELOW FINISH GRADE PRIOR TO PAVING ACTIVITIES.
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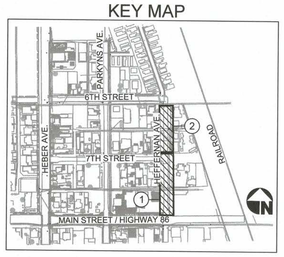
20. ADJUST THE EXISTING WATER METER BOX TO FINISH GRADE ELEVATION.
21. REMOVE EXISTING PAVEMENT STRIPING.

KEY MAP



SCALE 1"= 20'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 62028 R.C.E. No.
09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
HEFFERNAN AVENUE EXISTING/DEMOLITION SITE PLAN

REFERENCE
THG #542.134
SHEET 5 OF 33

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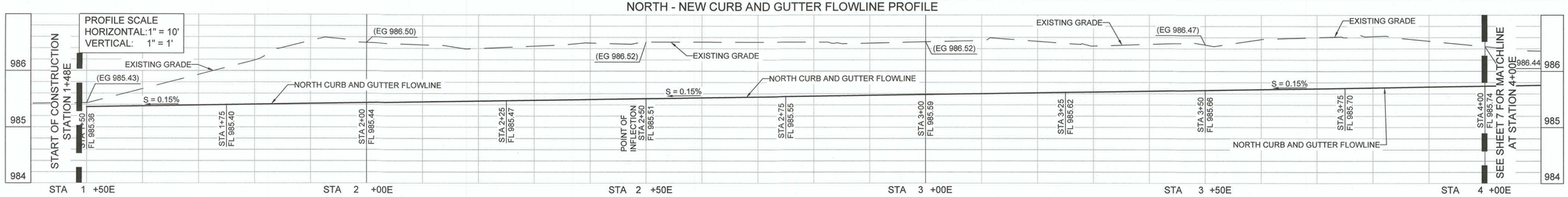
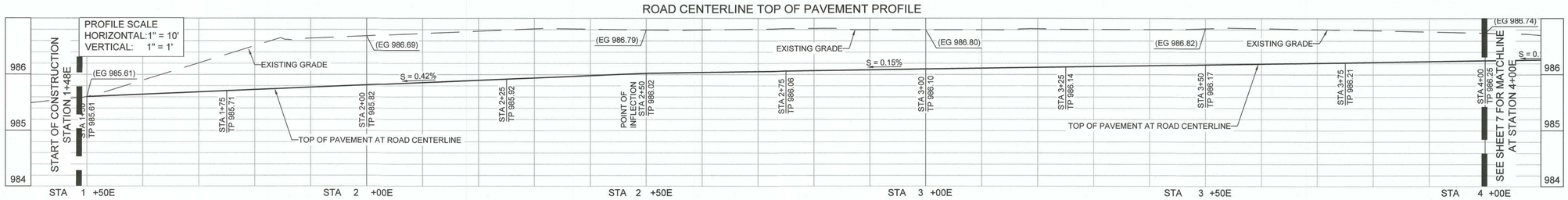
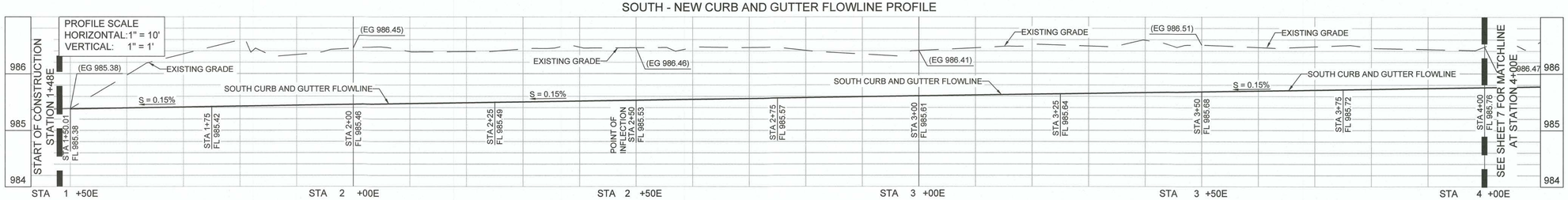
NORTH - NEW CURB AND GUTTER FLOWLINE PROFILE

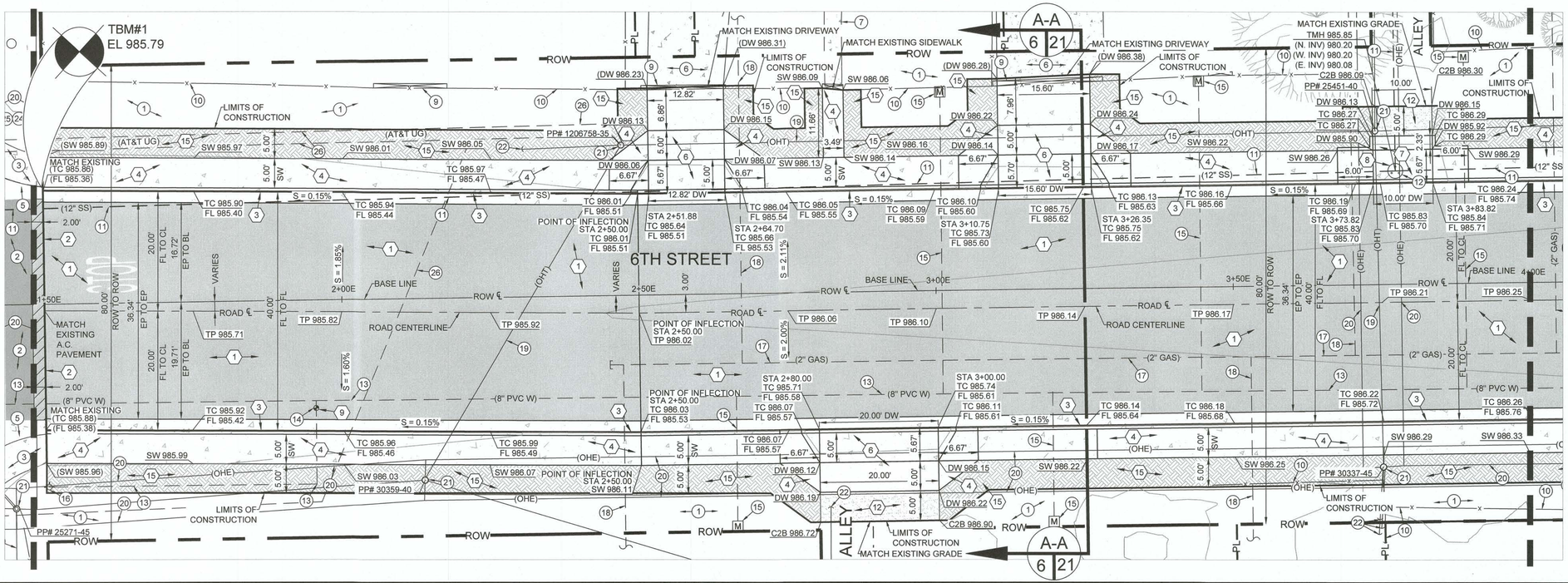


ROAD CENTERLINE TOP OF PAVEMENT PROFILE



SOUTH - NEW CURB AND GUTTER FLOWLINE PROFILE





EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
5. EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
6. EXISTING P.C.C. DRIVEWAY TO REMAIN.
7. EXISTING P.C.C. SLAB TO REMAIN.
8. EXISTING P.C.C. SPANDREL TO REMAIN.
9. EXISTING FENCE GATE TO REMAIN.
10. EXISTING FENCE TO REMAIN.
11. EXISTING SANITARY SEWER PIPELINE TO REMAIN.
12. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
13. EXISTING WATER PIPELINE TO REMAIN.
14. EXISTING WATER VALVE TO REMAIN.
15. EXISTING WATER SERVICE LINE AND METER TO REMAIN.
16. EXISTING FIRE HYDRANT TO REMAIN.
17. EXISTING GAS PIPELINE TO REMAIN.
18. EXISTING GAS SERVICE TO REMAIN.
19. EXISTING OVERHEAD TELEPHONE LINES.
20. EXISTING OVERHEAD ELECTRICAL LINES.
21. EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
22. EXISTING GUY WIRE TO REMAIN.
23. EXISTING STREET LIGHT TO REMAIN.
24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

CONSTRUCTION KEYNOTES

1. INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTIONS A-A THROUGH C-C ON SHEET 7.
2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
5. INSTALL NEW CASE "A" OR "C" P.C.C. HANDICAP RAMP AND TRUNCATED DOMES AS APPLICABLE PER COUNTY OF IMPERIAL STANDARD DETAIL NO 414. SEE DETAILS F AND G ON SHEET 26. INSTALL P.C.C. HANDICAP RAMP OVER 6-INCHES OF CLASS II BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
6. INSTALL NEW P.C.C. STANDARD DRIVEWAY ACCESS PER DETAIL D ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
7. INSTALL NEW P.C.C. CONFINED RIGHT OF WAY DRIVEWAY ACCESS PER DETAIL E ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
8. ADJUST THE EXISTING SANITARY SEWER MANHOLE COVER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE A 12-INCH DEEP 12-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE RISER PER HPUD STANDARD DETAIL W-103. SEE DETAIL M ON SHEET 27.
9. ADJUST THE EXISTING WATER VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE WATER VALVE RISER. SEE DETAIL I ON SHEET 27.
10. INSTALL PREVIOUSLY REMOVED AND STORED STOP SIGN AND/OR STREET NAME SIGN PER DETAIL L ON SHEET 27.
11. INSTALL NEW P.C.C. CROSS GUTTER AND SPANDREL PER DETAIL J ON SHEET 27.
12. INSTALL 12-INCHES OF CLASS 2 BASE FROM THE BACK OF DRIVEWAY FOR A DISTANCE OF 5-FEET TO DAYLIGHT. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
13. INSTALL PREVIOUSLY REMOMVED AND STORED SPEED LIMIT SIGN AND LEFT TURN ARROW SIGN PER DETAIL L ON SHEET 27.
14. INSTALL NEW 10 FEET LONG P.C.C. CURB AND GUTTER TRANSITION FROM CALTRANS TYPE B2-6 TO COUNTY OF IMPERIAL STANDARD 6-INCH CURB AND GUTTER.
15. GRADE THE NATIVE MATERIAL FROM THE BACK OF SIDEWALK, A.C. PAVEMENT, CURB AND GUTTER, OR DRIVEWAY FOR A DISTANCE OF 5 FEET TO DAYLIGHT.
16. ADJUST THE EXISTING WATER METER AND WATER METER BOX TO FINISH GRADE.
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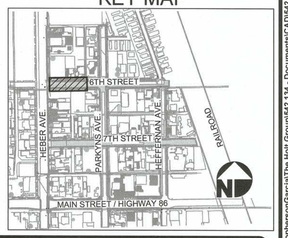
18. INSTALL RELOCATED TELEPHONE POLE TO BE COMPLETED BY OTHERS.
19. INSTALL RELOCATED FIRE HYDRANT BEHIND THE NEW P.C.C. SIDEWALK PER HPUD STANDARD DETAIL W-106. TO BE COMPLETED BY OTHERS.
20. ADJUST THE EXISTING SANITARY SEWER CLEANOUT TO FINISH GRADE ELEVATION. PLACE AN 8-INCH DEEP, 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE SEWER CLEANOUT PER HPUD STANDARD DWG. 223. SEE DETAIL H ON SHEET 26.
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT, TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

KEY MAP



SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
SIXTH STREET PLAN AND PROFILE FROM STATION 1+48E TO STATION 4+00E

REFERENCE
THG #542.134
SHEET 6 OF 33

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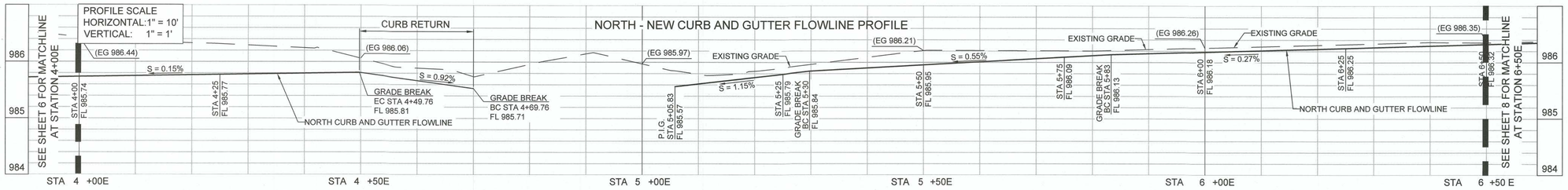
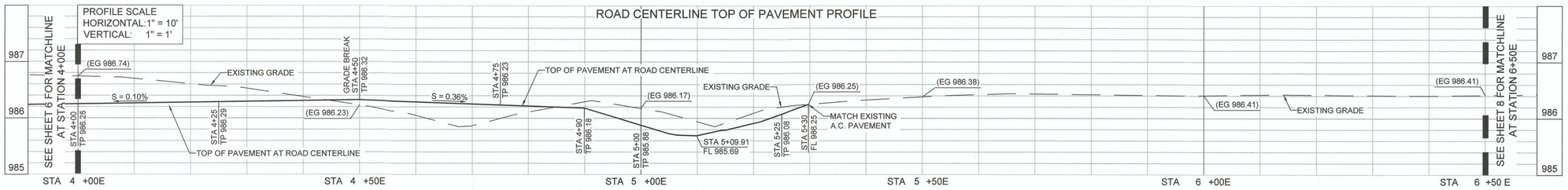
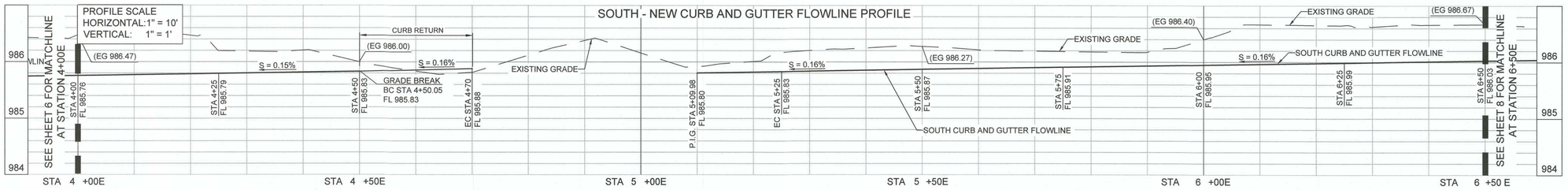
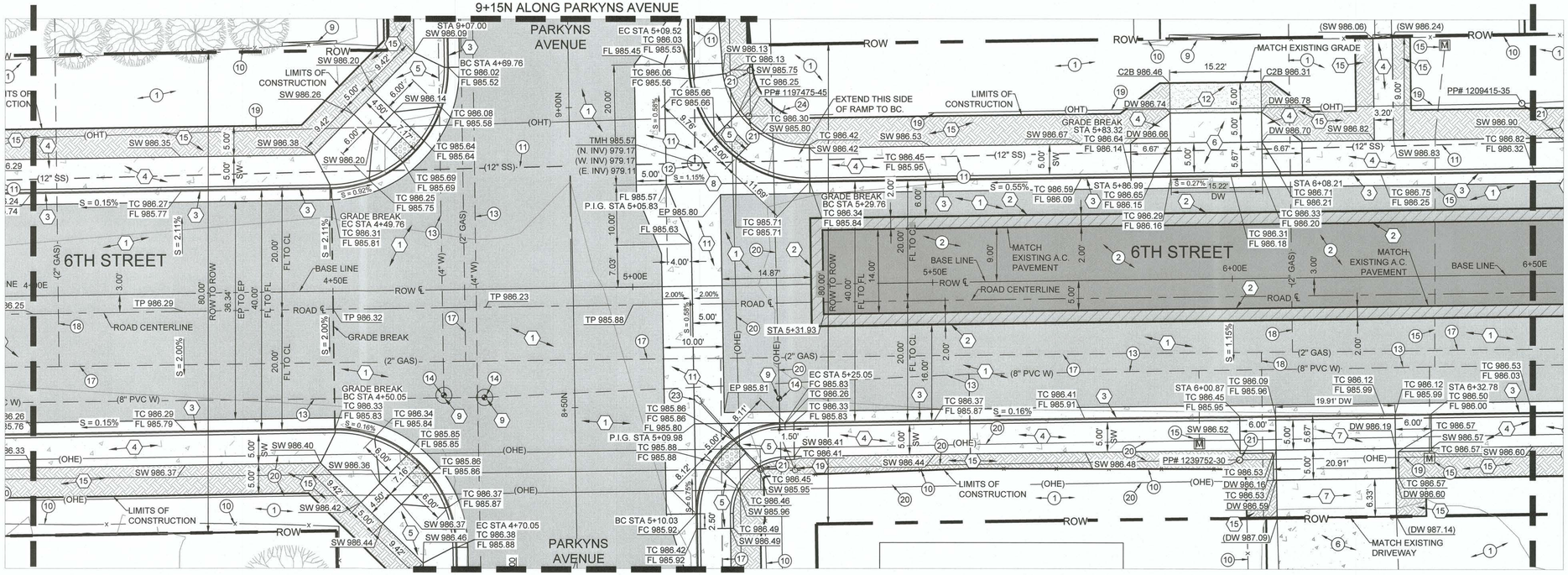






SEE SHEET 15 FOR MATCHLINE AT STATION 9+15N ALONG PARKYNS AVENUE



SEE SHEET 14 FOR MATCHLINE AT STATION 8+23N ALONG PARKYNS AVENUE

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
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CONSTRUCTION KEYNOTES

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2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
5. INSTALL NEW CASE "A" OR "C" P.C.C. HANDICAP RAMP AND TRUNCATED DOMES AS APPLICABLE PER COUNTY OF IMPERIAL STANDARD DETAIL NO 414. SEE DETAILS F AND G ON SHEET 26. INSTALL P.C.C. HANDICAP RAMP OVER 6-INCHES OF CLASS II BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
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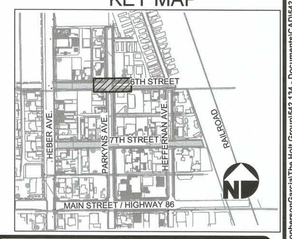
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT. TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

KEY MAP



SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
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DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
SIXTH STREET PLAN AND PROFILE FROM STATION 4+00E TO STATION 6+50E

REFERENCE
THG #542.134
SHEET 7 OF 33

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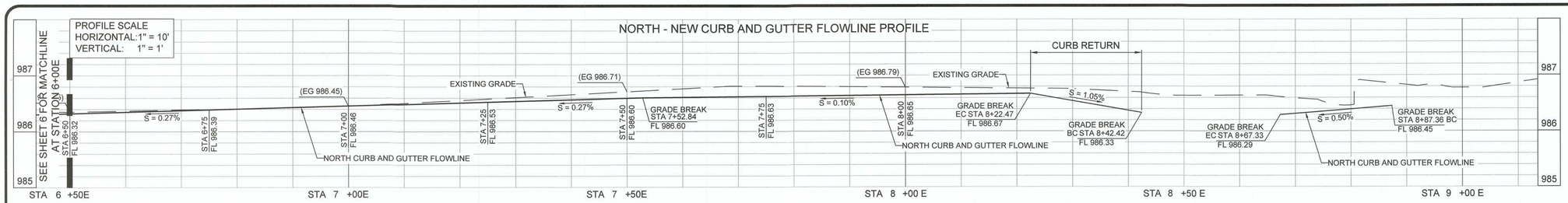

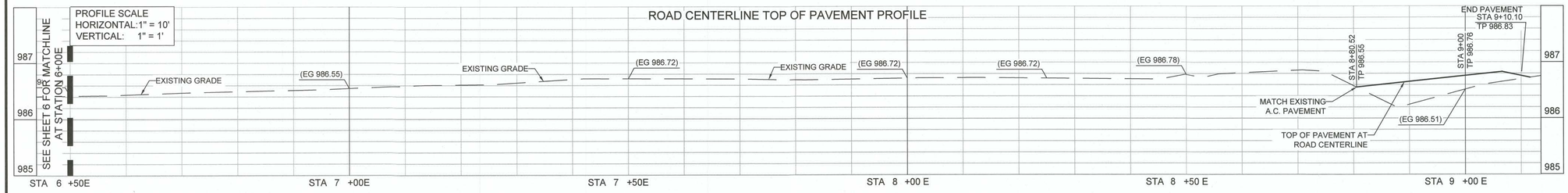

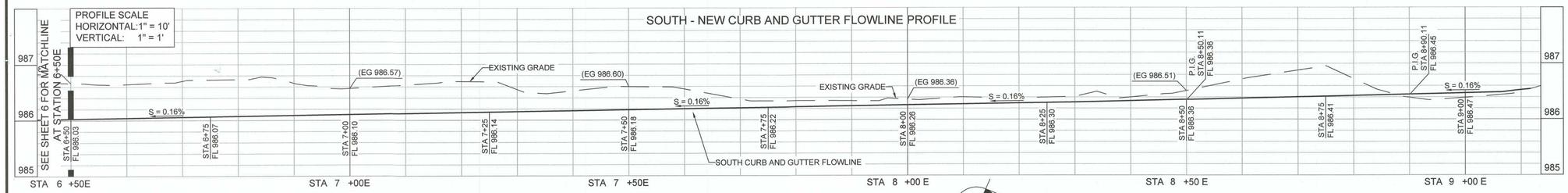

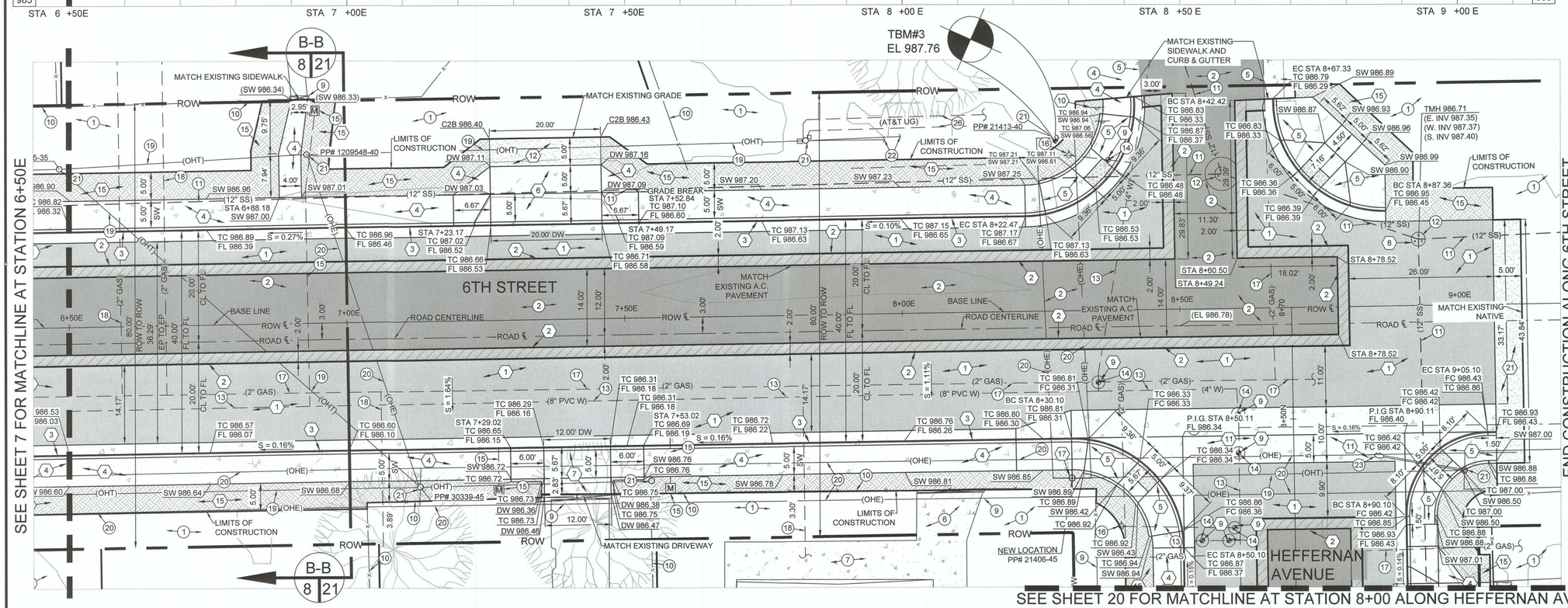

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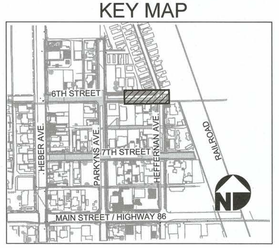
KEY MAP



SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

SIXTH STREET PLAN AND PROFILE FROM STATION 6+50E TO STATION 8+25E

REFERENCE
THG #542.134
SHEET 8 OF 33

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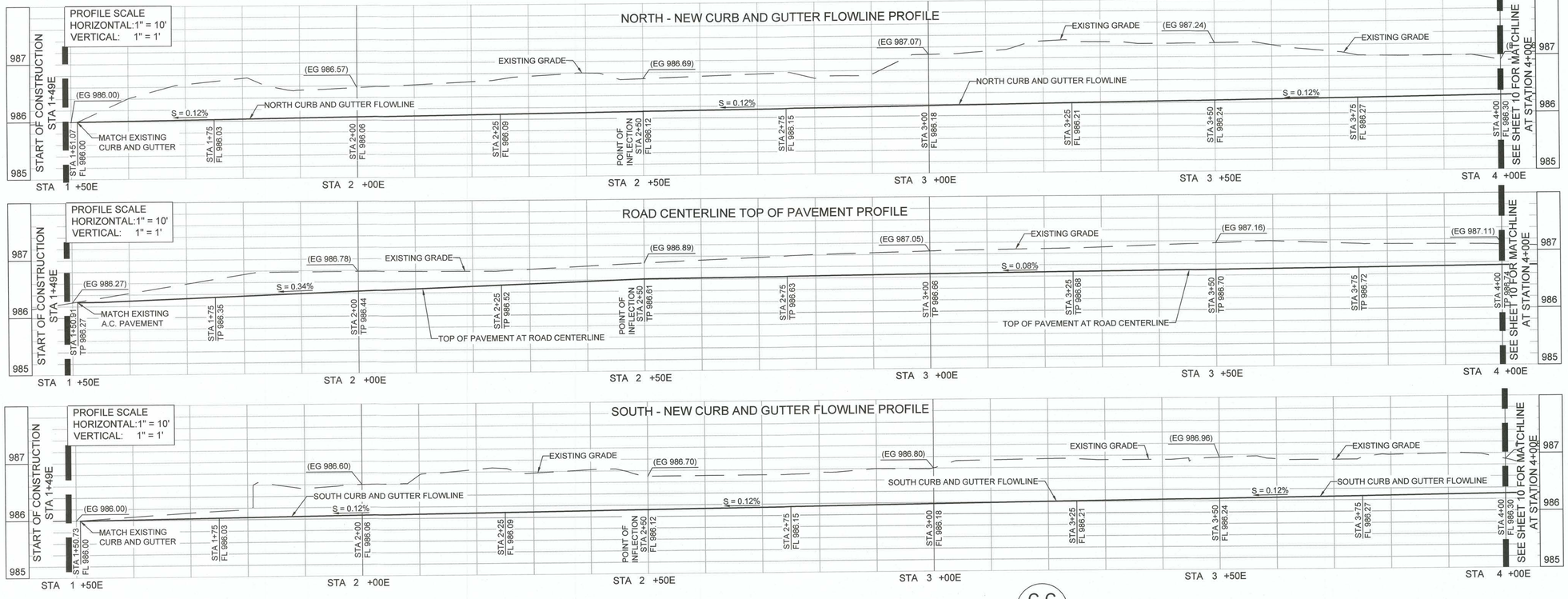

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
5. EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
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10. EXISTING FENCE TO REMAIN.
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12. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
13. EXISTING WATER PIPELINE TO REMAIN.
14. EXISTING WATER VALVE TO REMAIN.
15. EXISTING WATER SERVICE LINE AND METER TO REMAIN.
16. EXISTING FIRE HYDRANT TO REMAIN.
17. EXISTING GAS PIPELINE TO REMAIN.
18. EXISTING GAS SERVICE TO REMAIN.
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20. EXISTING OVERHEAD ELECTRICAL LINES.
21. EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
22. EXISTING GUY WIRE TO REMAIN.
23. EXISTING STREET LIGHT TO REMAIN.
24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

CONSTRUCTION KEYNOTES

1. INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTIONS A-A THROUGH C-C ON SHEET 7.
2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
5. INSTALL NEW CASE "A" OR "C" P.C.C. HANDICAP RAMP AND TRUNCATED DOMES AS APPLICABLE PER COUNTY OF IMPERIAL STANDARD DETAIL NO 414. SEE DETAILS F AND G ON SHEET 26. INSTALL P.C.C. HANDICAP RAMP OVER 6-INCHES OF CLASS II BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
6. INSTALL NEW P.C.C. STANDARD DRIVEWAY ACCESS PER DETAIL D ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
7. INSTALL NEW P.C.C. CONFINED RIGHT OF WAY DRIVEWAY ACCESS PER DETAIL E ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
8. ADJUST THE EXISTING SANITARY SEWER MANHOLE COVER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE A 12-INCH DEEP 12-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE RISER PER HPUD STANDARD DETAIL W-103. SEE DETAIL M ON SHEET 27.
9. ADJUST THE EXISTING WATER VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE WATER VALVE RISER. SEE DETAIL I ON SHEET 27.
10. INSTALL PREVIOUSLY REMOVED AND STORED STOP SIGN AND/OR STREET NAME SIGN PER DETAIL L ON SHEET 27.
11. INSTALL NEW P.C.C. CROSS GUTTER AND SPANDREL PER DETAIL J ON SHEET 27.
12. INSTALL 12-INCHES OF CLASS 2 BASE FROM THE BACK OF DRIVEWAY FOR A DISTANCE OF 5-FEET TO DAYLIGHT. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
13. INSTALL PREVIOUSLY REMOMVED AND STORED SPEED LIMIT SIGN AND LEFT TURN ARROW SIGN PER DETAIL L ON SHEET 27.
14. INSTALL NEW 10 FEET LONG P.C.C. CURB AND GUTTER TRANSITION FROM CALTRANS TYPE B2-6 TO COUNTY OF IMPERIAL STANDARD 6-INCH CURB AND GUTTER.
15. GRADE THE NATIVE MATERIAL FROM THE BACK OF SIDEWALK, A.C. PAVEMENT, CURB AND GUTTER, OR DRIVEWAY FOR A DISTANCE OF 5 FEET TO DAYLIGHT.
16. ADJUST THE EXISTING WATER METER AND WATER METER BOX TO FINISH GRADE.
17. INSTALL RELOCATED POWER POLE TO BE COMPLETED BY OTHERS.
18. INSTALL RELOCATED TELEPHONE POLE TO BE COMPLETED BY OTHERS.
19. INSTALL RELOCATED FIRE HYDRANT BEHIND THE NEW P.C.C. SIDEWALK PER HPUD STANDARD DETAIL W-106. TO BE COMPLETED BY OTHERS.
20. ADJUST THE EXISTING SANITARY SEWER CLEANOUT TO FINISH GRADE ELEVATION. PLACE AN 8-INCH DEEP, 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE SEWER CLEANOUT PER HPUD STANDARD DWG. 223. SEE DETAIL H ON SHEET 26.
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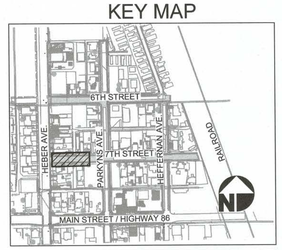
KEY MAP



SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
SEVENTH STREET PLAN AND PROFILE FROM STATION 1+49E TO STATION 4+00E

REFERENCE
THG #542.134
SHEET 9 OF 33

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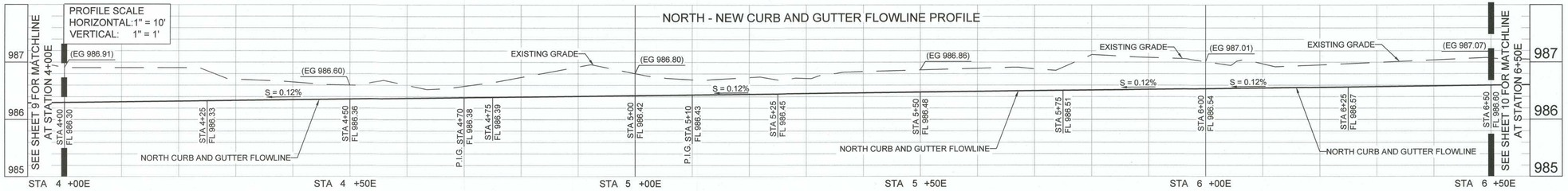
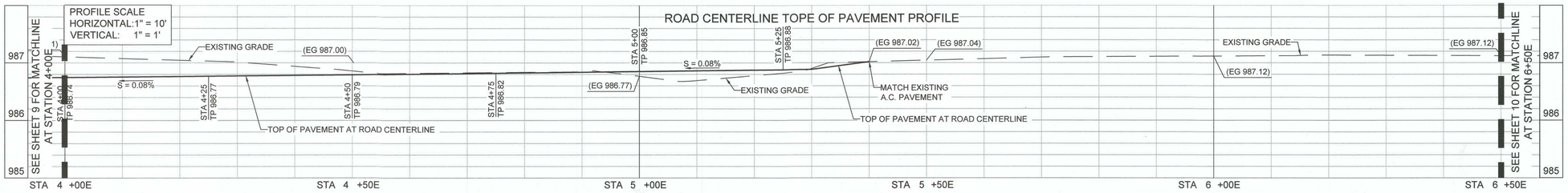
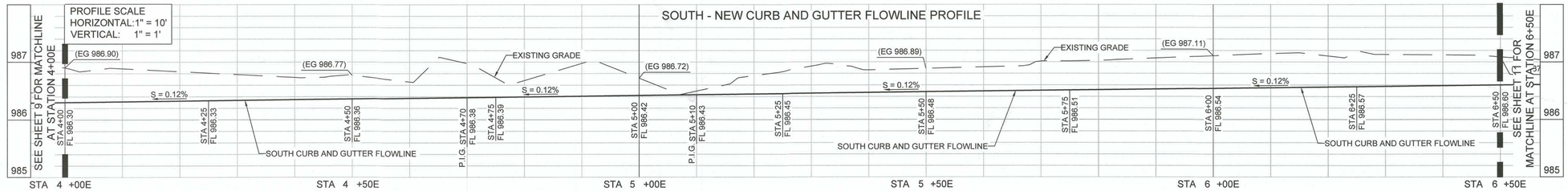
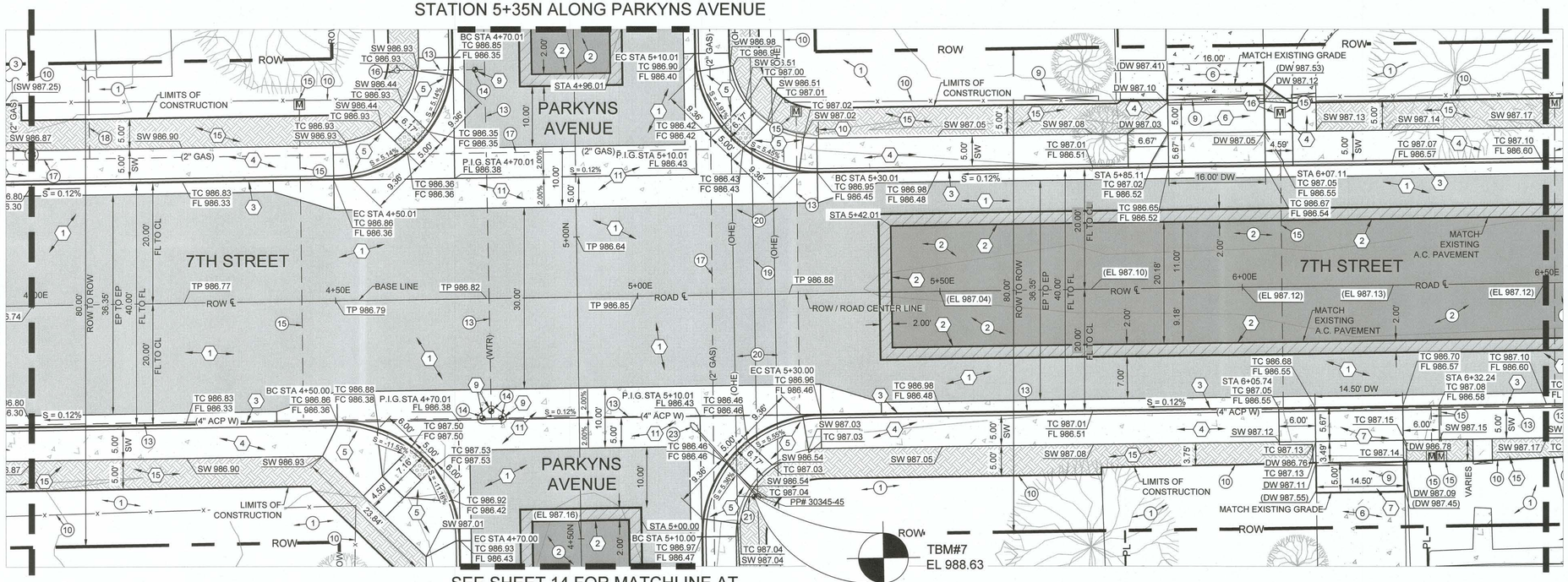






SEE SHEET 14 FOR MATCHLINE AT STATION 5+35N ALONG PARKYNS AVENUE

SEE SHEET 9 FOR MATCHLINE AT STATION 4+00E



SEE SHEET 11 FOR MATCHLINE AT STATION 6+50E

SEE SHEET 14 FOR MATCHLINE AT STATION 4+45N ALONG PARKYNS AVENUE

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
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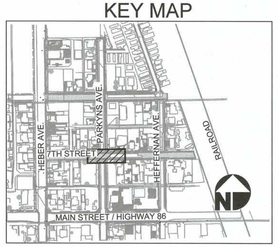
SCALE 1"= 10'

KEY MAP



REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. DIRECTOR OF PUBLIC WORKS — 62028 R.C.E. No.
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN: RS
DESIGNED: RS
SCALE: 1" = 10'
CHECKED: JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

SEVENTH STREET PLAN AND PROFILE FROM STATION 4+00E TO STATION 6+50E

REFERENCE
THG #542.134
SHEET 10 OF 33

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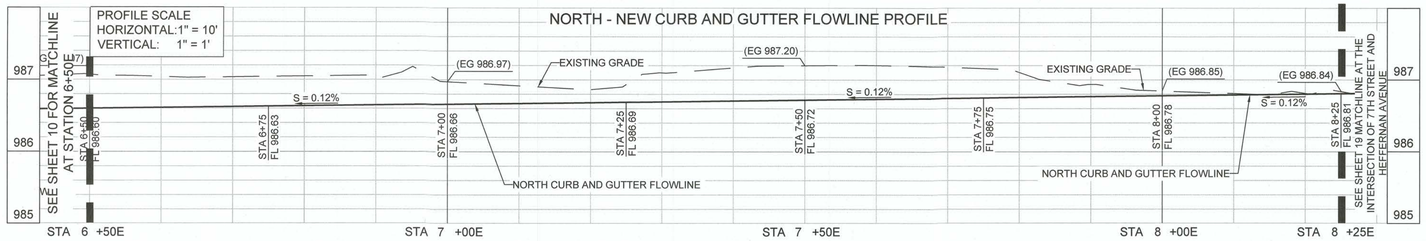

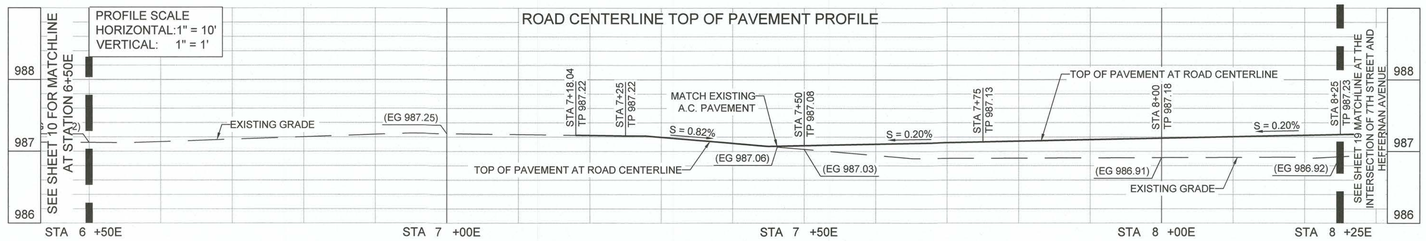

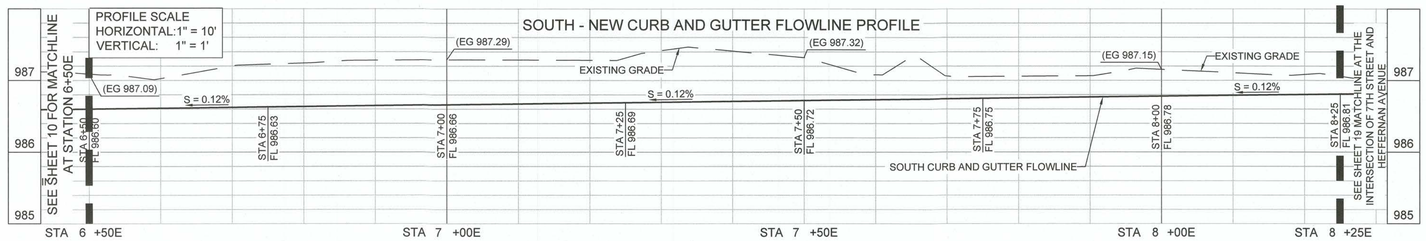

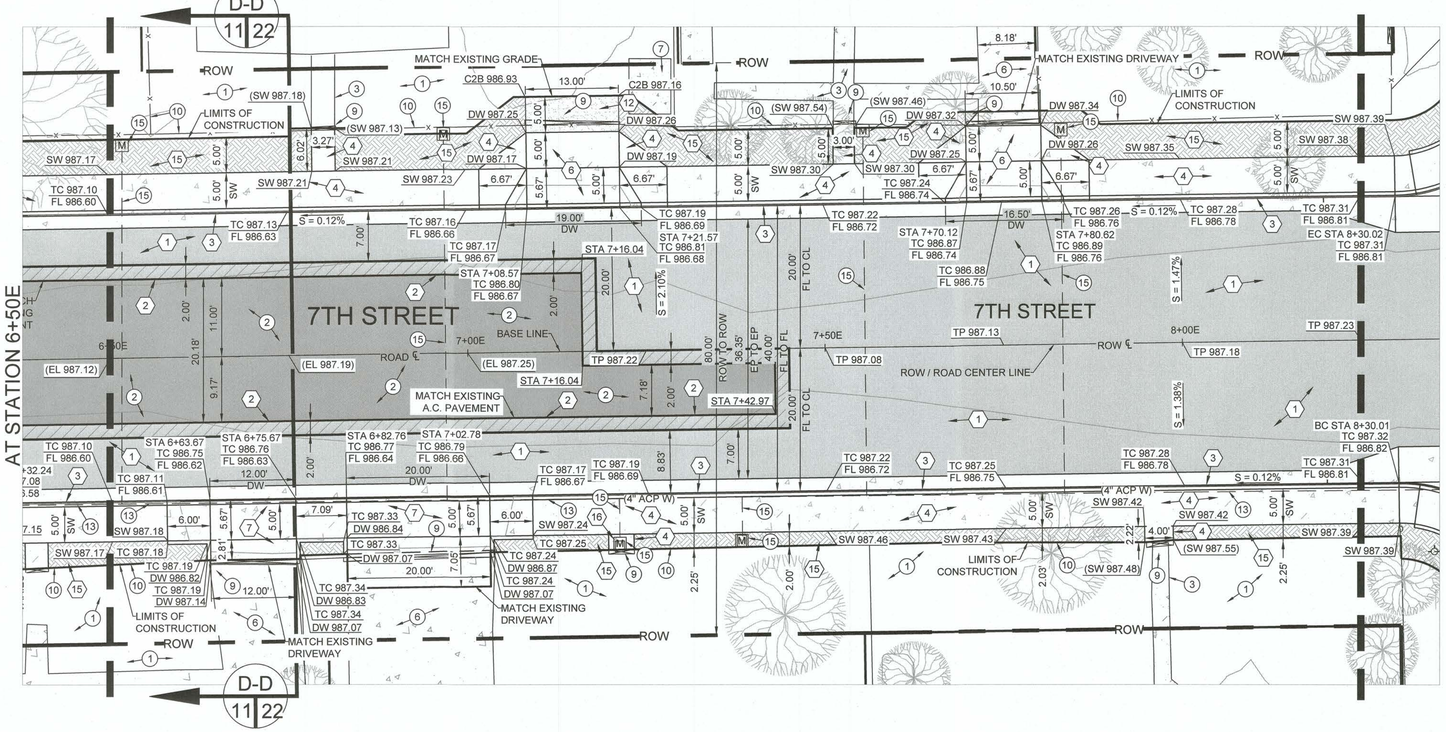

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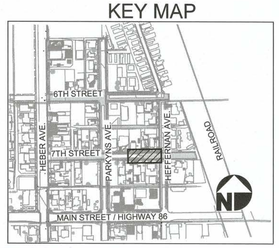
19. INSTALL RELOCATED FIRE HYDRANT BEHIND THE NEW P.C.C. SIDEWALK PER HPUD STANDARD DETAIL W-106. TO BE COMPLETED BY OTHERS.
20. ADJUST THE EXISTING SANITARY SEWER CLEANOUT TO FINISH GRADE ELEVATION. PLACE AN 8-INCH DEEP, 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE SEWER CLEANOUT PER HPUD STANDARD DWG. 223. SEE DETAIL H ON SHEET 26.
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT, TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

SCALE 1"= 10'

KEY MAP



REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. DIRECTOR OF PUBLIC WORKS — 62028 R.C.E. No.
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
SEVENTH STREET PLAN AND PROFILE FROM STATION 6+50E TO STATION 8+25E

REFERENCE
THG #542.134
SHEET 11 OF 33

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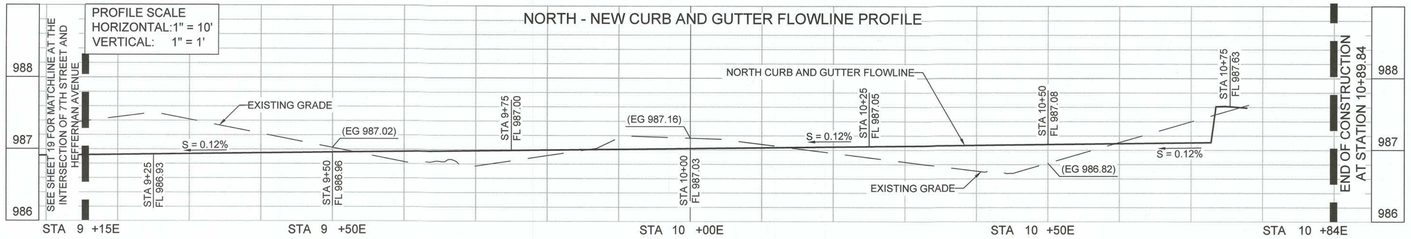

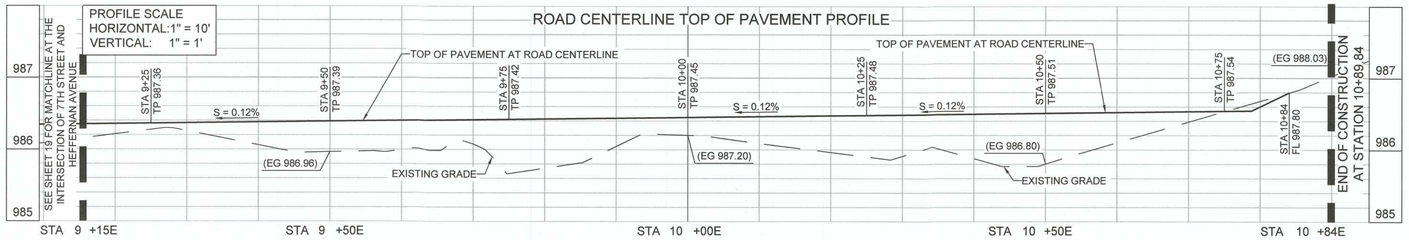

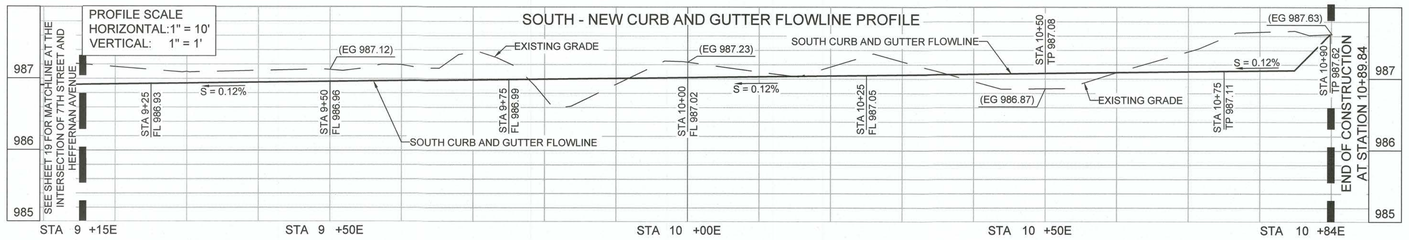

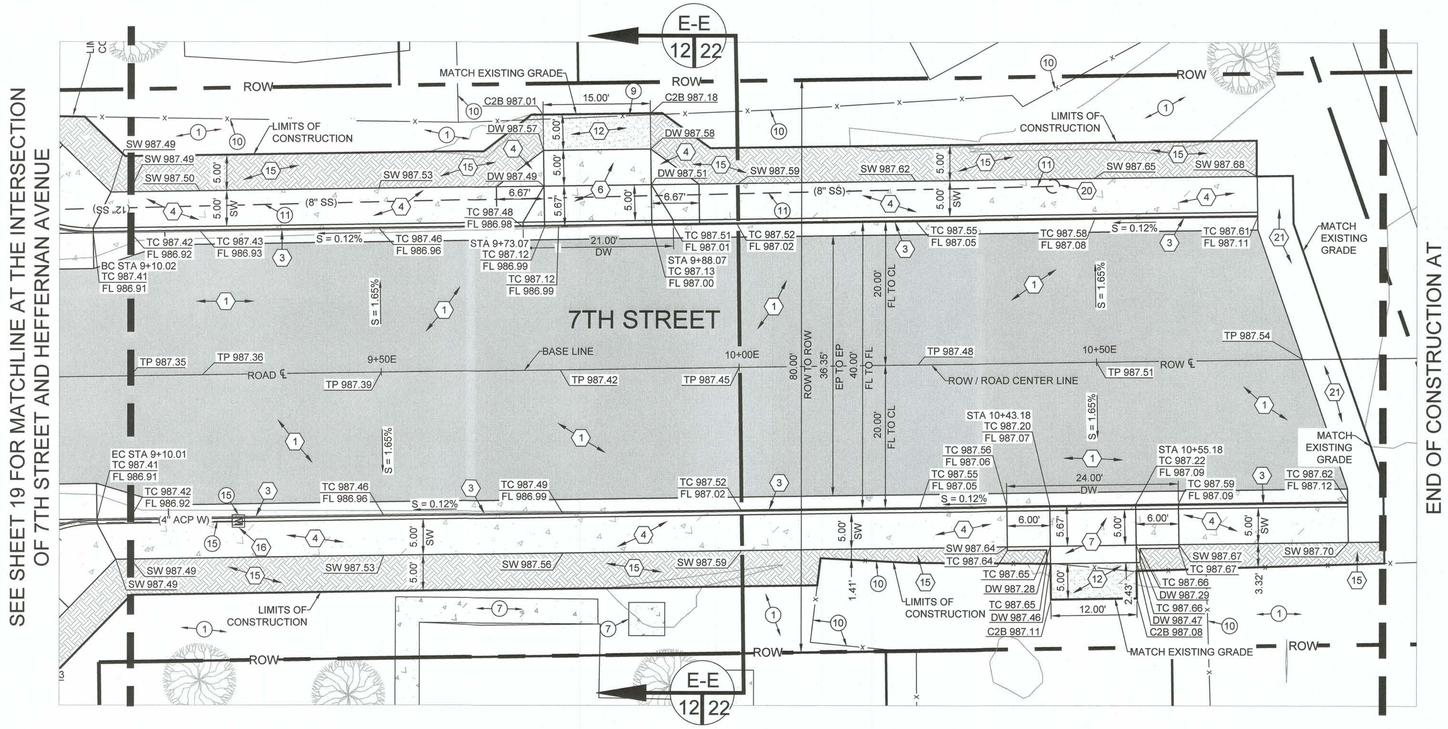

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
5. EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
6. EXISTING P.C.C. DRIVEWAY TO REMAIN.
7. EXISTING P.C.C. SLAB TO REMAIN.
8. EXISTING P.C.C. SPANDREL TO REMAIN.
9. EXISTING FENCE GATE TO REMAIN.
10. EXISTING FENCE TO REMAIN.
11. EXISTING SANITARY SEWER PIPELINE TO REMAIN.
12. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
13. EXISTING WATER PIPELINE TO REMAIN.
14. EXISTING WATER VALVE TO REMAIN.
15. EXISTING WATER SERVICE LINE AND METER TO REMAIN.
16. EXISTING FIRE HYDRANT TO REMAIN.
17. EXISTING GAS PIPELINE TO REMAIN.
18. EXISTING GAS SERVICE TO REMAIN.
19. EXISTING OVERHEAD TELEPHONE LINES.
20. EXISTING OVERHEAD ELECTRICAL LINES.
21. EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
22. EXISTING GUY WIRE TO REMAIN.
23. EXISTING STREET LIGHT TO REMAIN.
24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

CONSTRUCTION KEYNOTES

1. INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTIONS A-A THROUGH C-C ON SHEET 7.
2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
5. INSTALL NEW CASE "A" OR "C" P.C.C. HANDICAP RAMP AND TRUNCATED DOMES AS APPLICABLE PER COUNTY OF IMPERIAL STANDARD DETAIL NO 414. SEE DETAILS F AND G ON SHEET 26. INSTALL P.C.C. HANDICAP RAMP OVER 6-INCHES OF CLASS II BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
6. INSTALL NEW P.C.C. STANDARD DRIVEWAY ACCESS PER DETAIL D ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
7. INSTALL NEW P.C.C. CONFINED RIGHT OF WAY DRIVEWAY ACCESS PER DETAIL E ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
8. ADJUST THE EXISTING SANITARY SEWER MANHOLE COVER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE A 12-INCH DEEP 12-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE RISER PER HPUD STANDARD DETAIL W-103. SEE DETAIL M ON SHEET 27.
9. ADJUST THE EXISTING WATER VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE WATER VALVE RISER. SEE DETAIL I ON SHEET 27.
10. INSTALL PREVIOUSLY REMOVED AND STORED STOP SIGN AND/OR STREET NAME SIGN PER DETAIL L ON SHEET 27.
11. INSTALL NEW P.C.C. CROSS GUTTER AND SPANDREL PER DETAIL J ON SHEET 27.
12. INSTALL 12-INCHES OF CLASS 2 BASE FROM THE BACK OF DRIVEWAY FOR A DISTANCE OF 5-FEET TO DAYLIGHT. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
13. INSTALL PREVIOUSLY REMOMVED AND STORED SPEED LIMIT SIGN AND LEFT TURN ARROW SIGN PER DETAIL L ON SHEET 27.
14. INSTALL NEW 10 FEET LONG P.C.C. CURB AND GUTTER TRANSITION FROM CALTRANS TYPE B2-6 TO COUNTY OF IMPERIAL STANDARD 6-INCH CURB AND GUTTER.
15. GRADE THE NATIVE MATERIAL FROM THE BACK OF SIDEWALK, A.C. PAVEMENT, CURB AND GUTTER, OR DRIVEWAY FOR A DISTANCE OF 5 FEET TO DAYLIGHT.
16. ADJUST THE EXISTING WATER METER AND WATER METER BOX TO FINISH GRADE.
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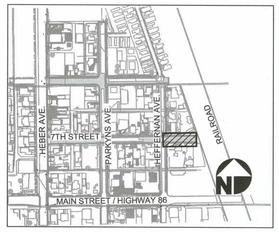
18. INSTALL RELOCATED TELEPHONE POLE TO BE COMPLETED BY OTHERS.
19. INSTALL RELOCATED FIRE HYDRANT BEHIND THE NEW P.C.C. SIDEWALK PER HPUD STANDARD DETAIL W-106. TO BE COMPLETED BY OTHERS.
20. ADJUST THE EXISTING SANITARY SEWER CLEANOUT TO FINISH GRADE ELEVATION. PLACE AN 8-INCH DEEP, 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE SEWER CLEANOUT PER HPUD STANDARD DWG. 223. SEE DETAIL H ON SHEET 26.
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT, TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

10 0 10
SCALE 1"= 10'



REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
SEVENTH STREET PLAN AND PROFILE FROM STATION 9+15E TO STATION 10+89.84E

REFERENCE
THG #542.134
SHEET 12 OF 33

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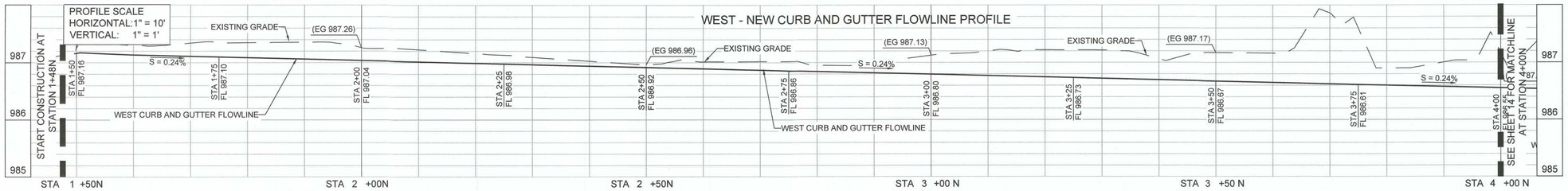

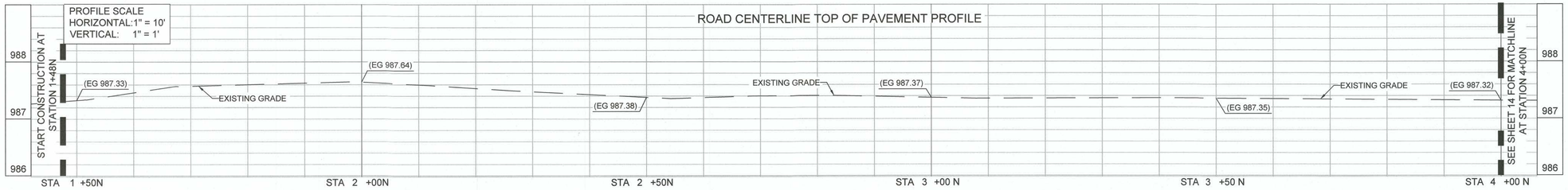

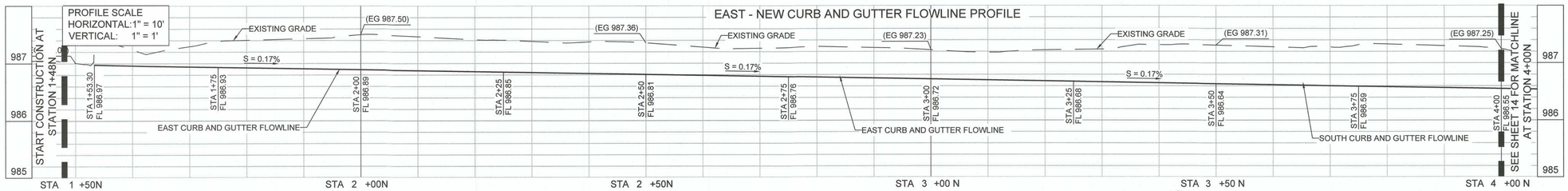

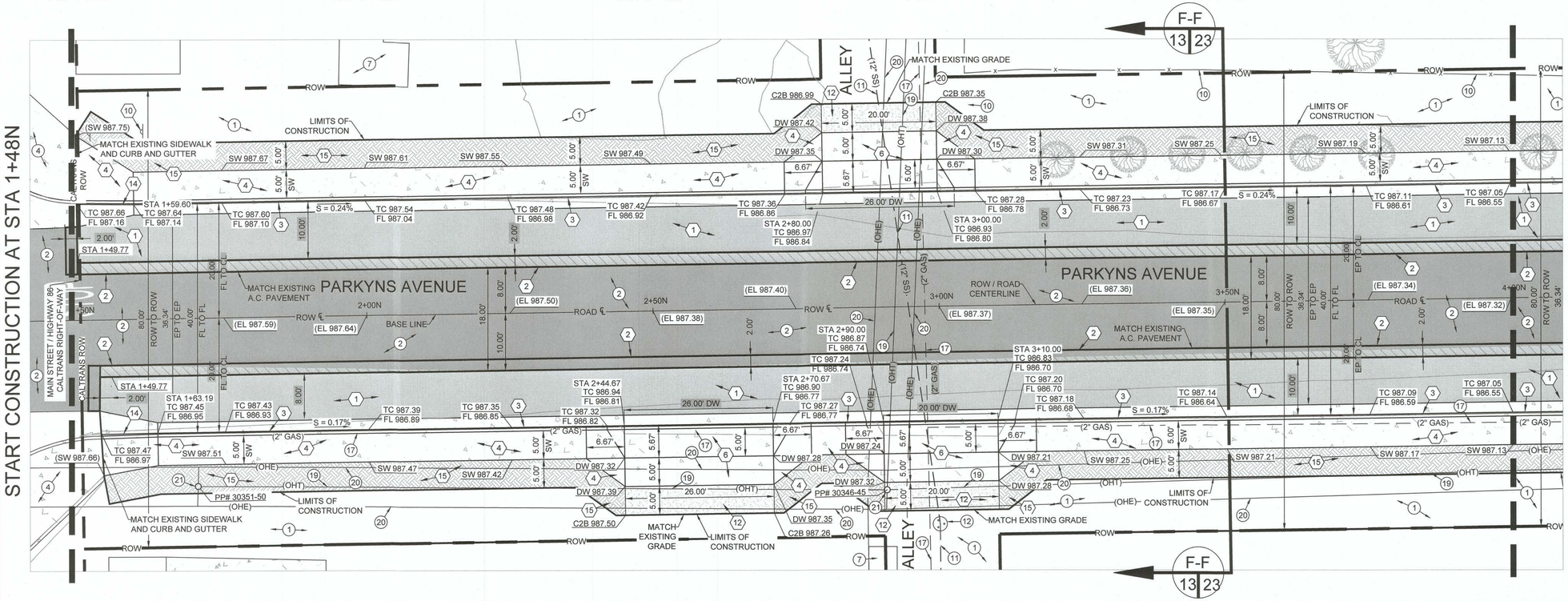

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
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CONSTRUCTION KEYNOTES

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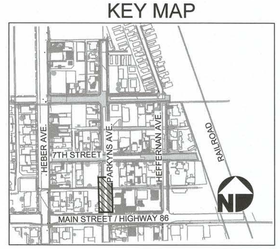
KEY MAP



SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

PARKYNS AVENUE PLAN AND PROFILE FROM STATION 1+48N TO STATION 4+00N

REFERENCE
THG #542.134
SHEET 13 OF 33

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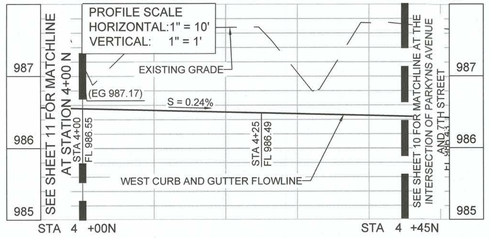
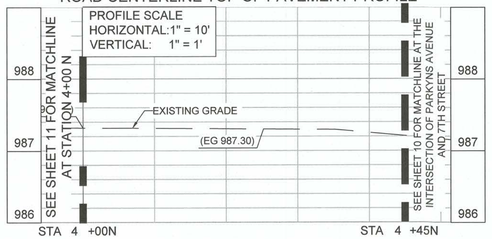
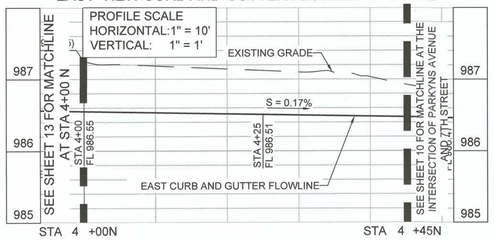
WEST- NEW CURB AND GUTTER FLOWLINE PROFILE

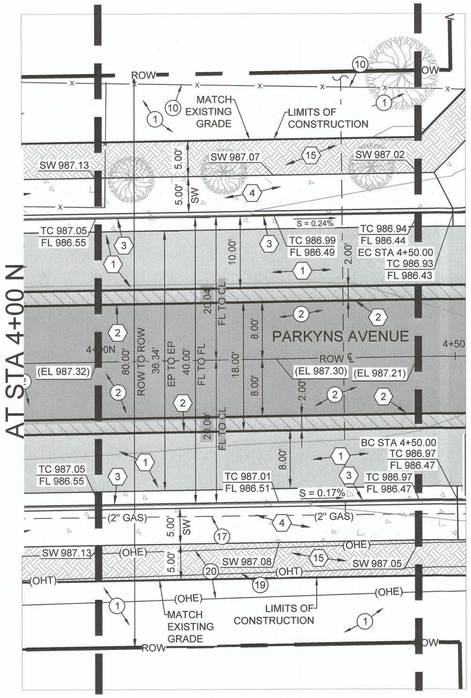


ROAD CENTERLINE TOP OF PAVEMENT PROFILE

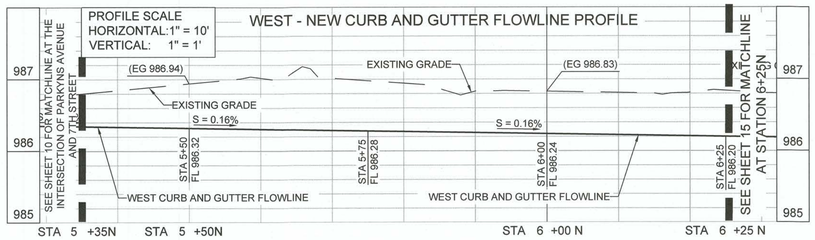


EAST- NEW CURB AND GUTTER FLOWLINE PROFILE

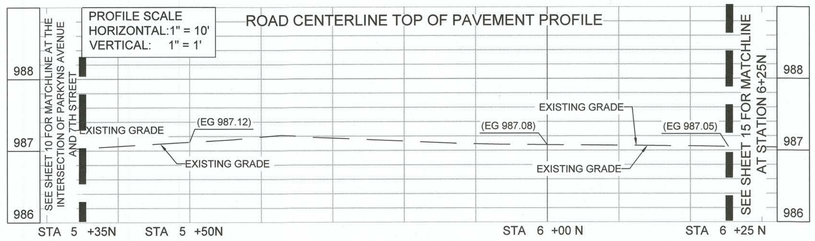




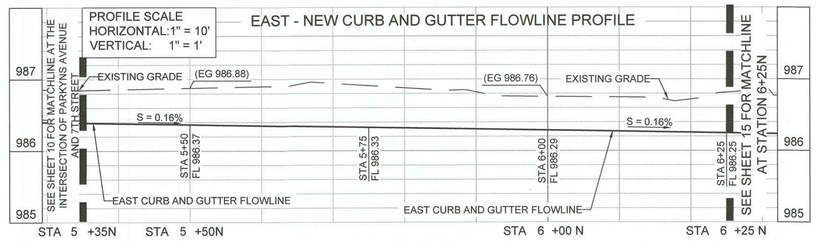
WEST - NEW CURB AND GUTTER FLOWLINE PROFILE

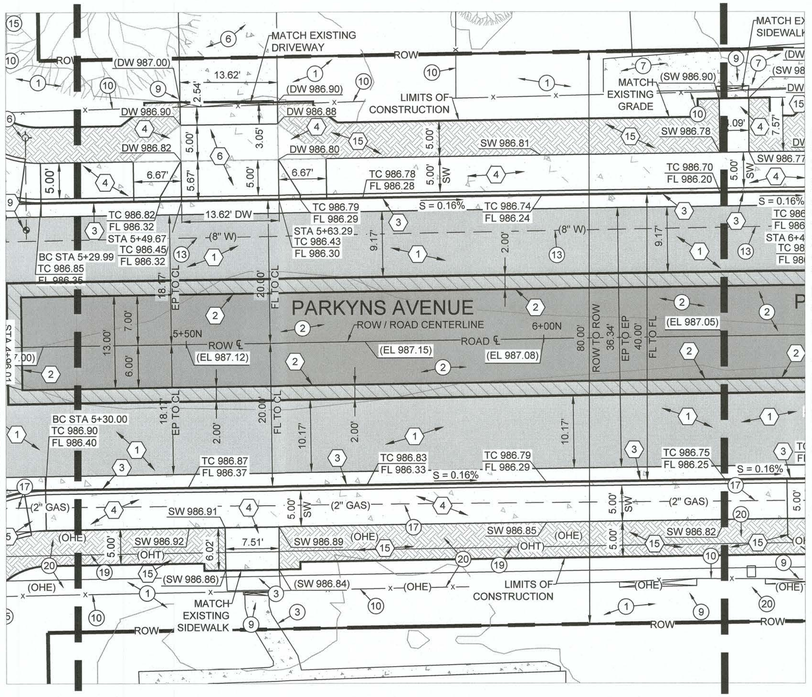


ROAD CENTERLINE TOP OF PAVEMENT PROFILE



EAST - NEW CURB AND GUTTER FLOWLINE PROFILE





EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
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27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

CONSTRUCTION KEYNOTES

1. INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTIONS A-A THROUGH C-C ON SHEET 7.
2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
5. INSTALL NEW CASE "A" OR "C" P.C.C. HANDICAP RAMP AND TRUNCATED DOMES AS APPLICABLE PER COUNTY OF IMPERIAL STANDARD DETAIL NO 414. SEE DETAILS F AND G ON SHEET 26. INSTALL P.C.C. HANDICAP RAMP OVER 6-INCHES OF CLASS II BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
6. INSTALL NEW P.C.C. STANDARD DRIVEWAY ACCESS PER DETAIL D ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
7. INSTALL NEW P.C.C. CONFINED RIGHT OF WAY DRIVEWAY ACCESS PER DETAIL E ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
8. ADJUST THE EXISTING SANITARY SEWER MANHOLE COVER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE A 12-INCH DEEP 12-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE RISER PER HPUD STANDARD DETAIL W-103. SEE DETAIL M ON SHEET 27.
9. ADJUST THE EXISTING WATER VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE WATER VALVE RISER. SEE DETAIL I ON SHEET 27.
10. INSTALL PREVIOUSLY REMOVED AND STORED STOP SIGN AND/OR STREET NAME SIGN PER DETAIL L ON SHEET 27.
11. INSTALL NEW P.C.C. CROSS GUTTER AND SPANDREL PER DETAIL J ON SHEET 27.
12. INSTALL 12-INCHES OF CLASS 2 BASE FROM THE BACK OF DRIVEWAY FOR A DISTANCE OF 5-FEET TO DAYLIGHT. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
13. INSTALL PREVIOUSLY REMOMVED AND STORED SPEED LIMIT SIGN AND LEFT TURN ARROW SIGN PER DETAIL L ON SHEET 27.
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18. INSTALL RELOCATED TELEPHONE POLE TO BE COMPLETED BY OTHERS.
19. INSTALL RELOCATED FIRE HYDRANT BEHIND THE NEW P.C.C. SIDEWALK PER HPUD STANDARD DETAIL W-106. TO BE COMPLETED BY OTHERS.
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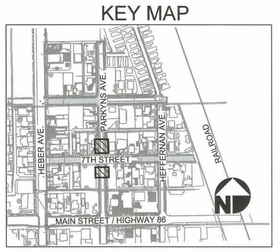
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT, TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

KEY MAP



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SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY P.E. DIRECTOR OF PUBLIC WORKS — 62028 R.C.E. No.
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
PARKYNS AVENUE PLAN AND PROFILE FROM STATION 4+00N TO STATION 4+45N AND STATION 5+35 TO STATION 6+25

REFERENCE
THG #542.134
SHEET 14 OF 33

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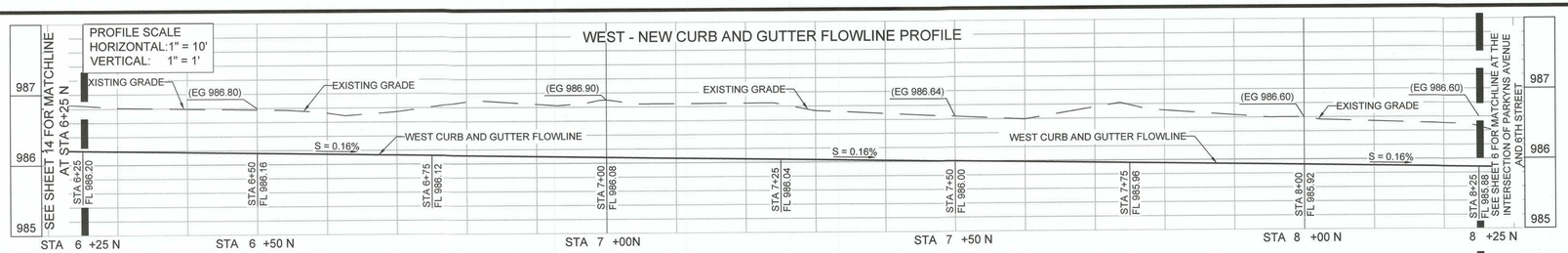

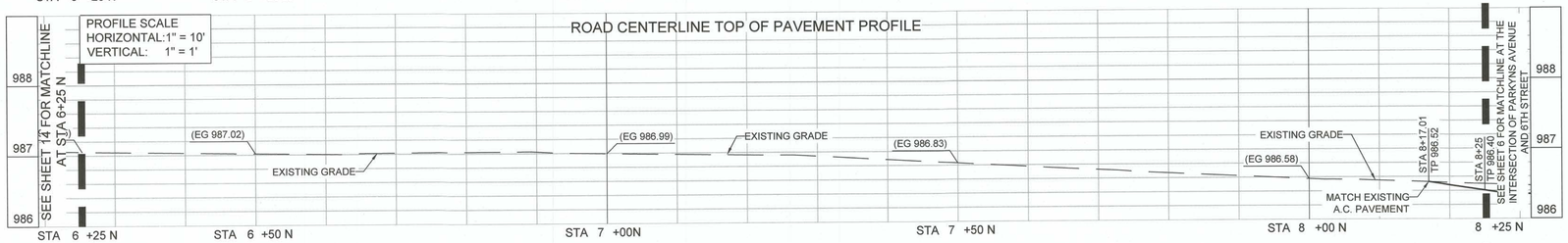

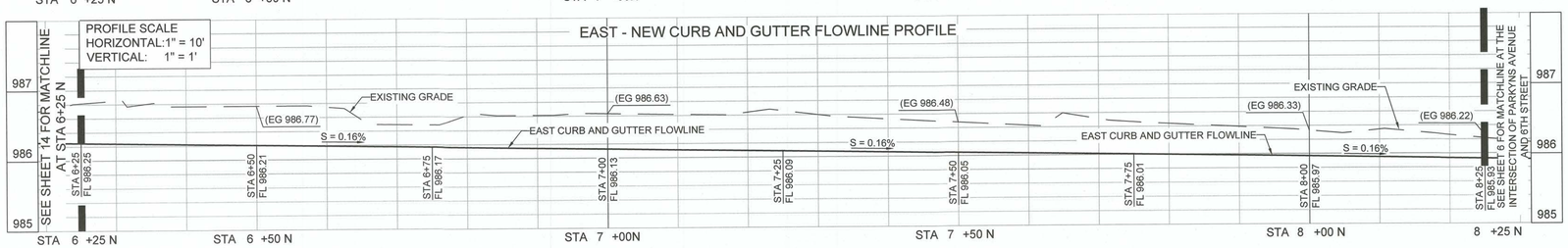

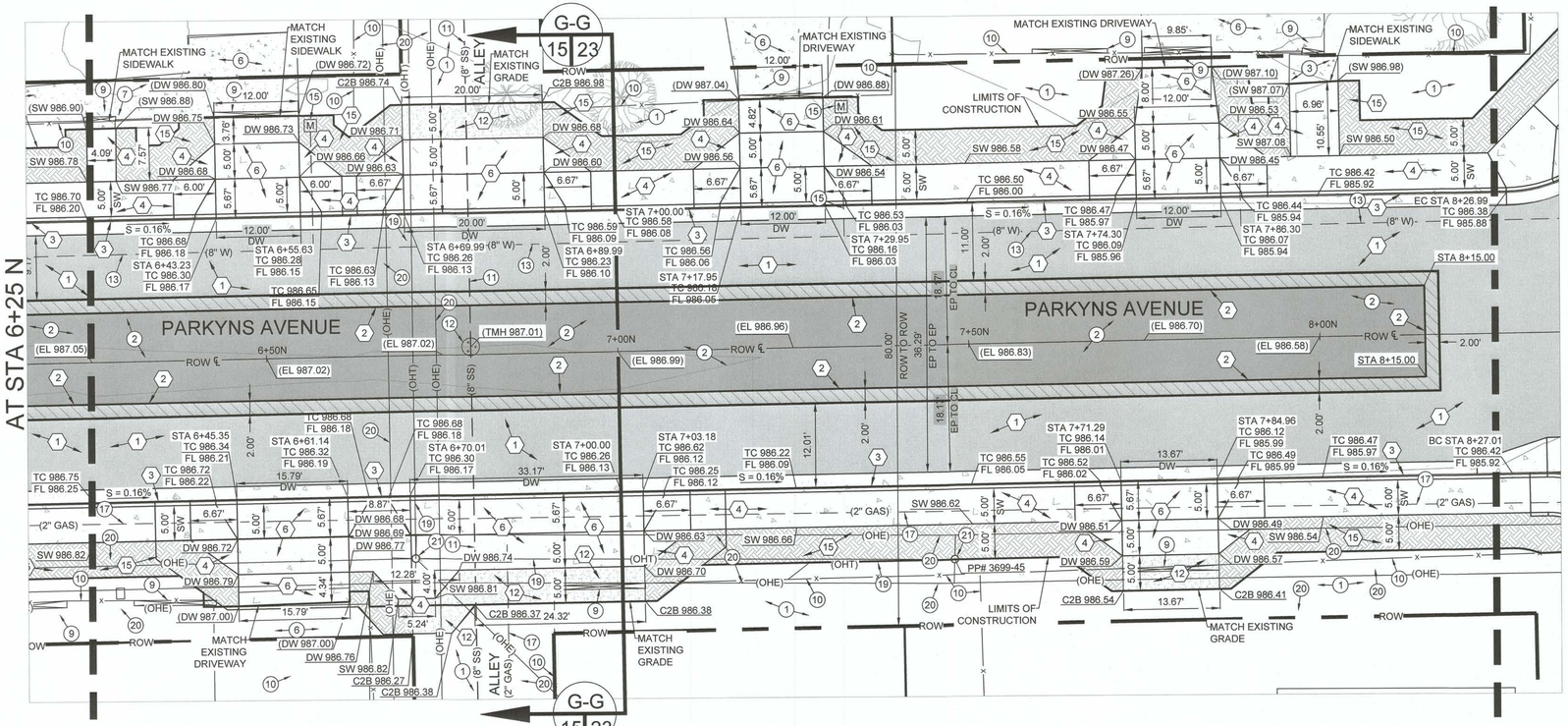

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
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23. EXISTING STREET LIGHT TO REMAIN.
24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

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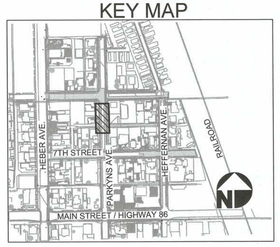

SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
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05/21/2025 DATE — 12/31/25 REG. EXP.

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PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
PARKYNS AVENUE PLAN AND PROFILE FROM STATION 4+50N TO STATION 6+50N

REFERENCE
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SHEET 15 OF 33

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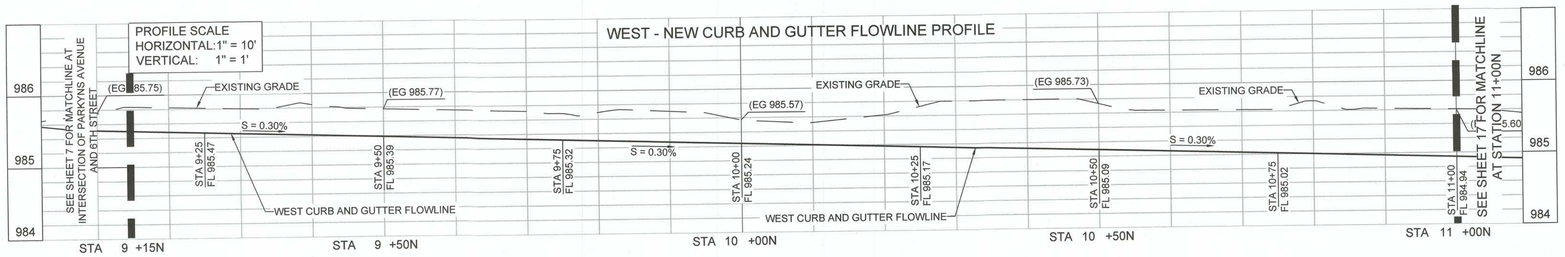

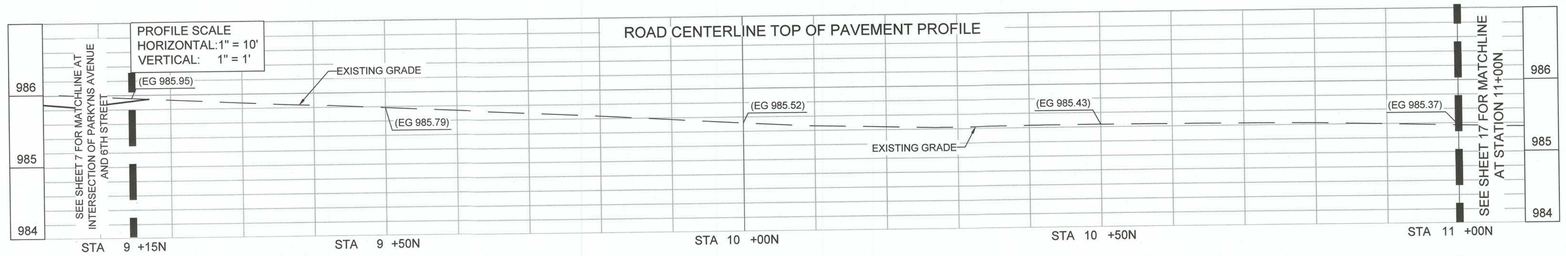

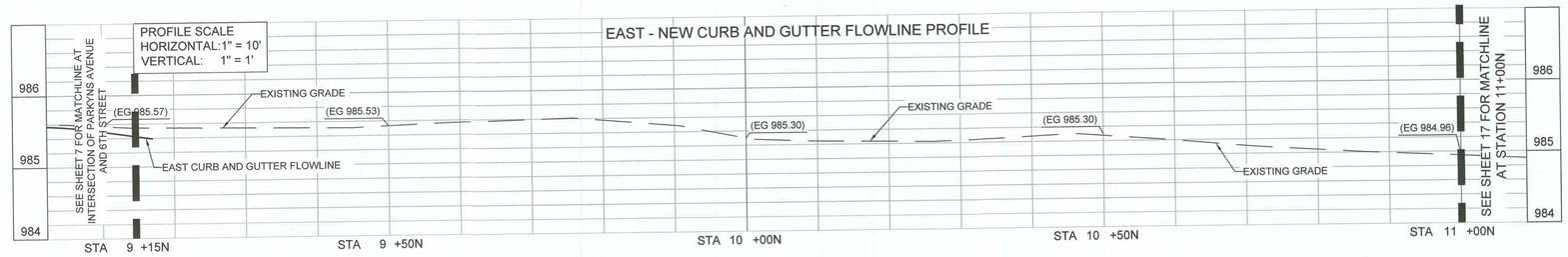

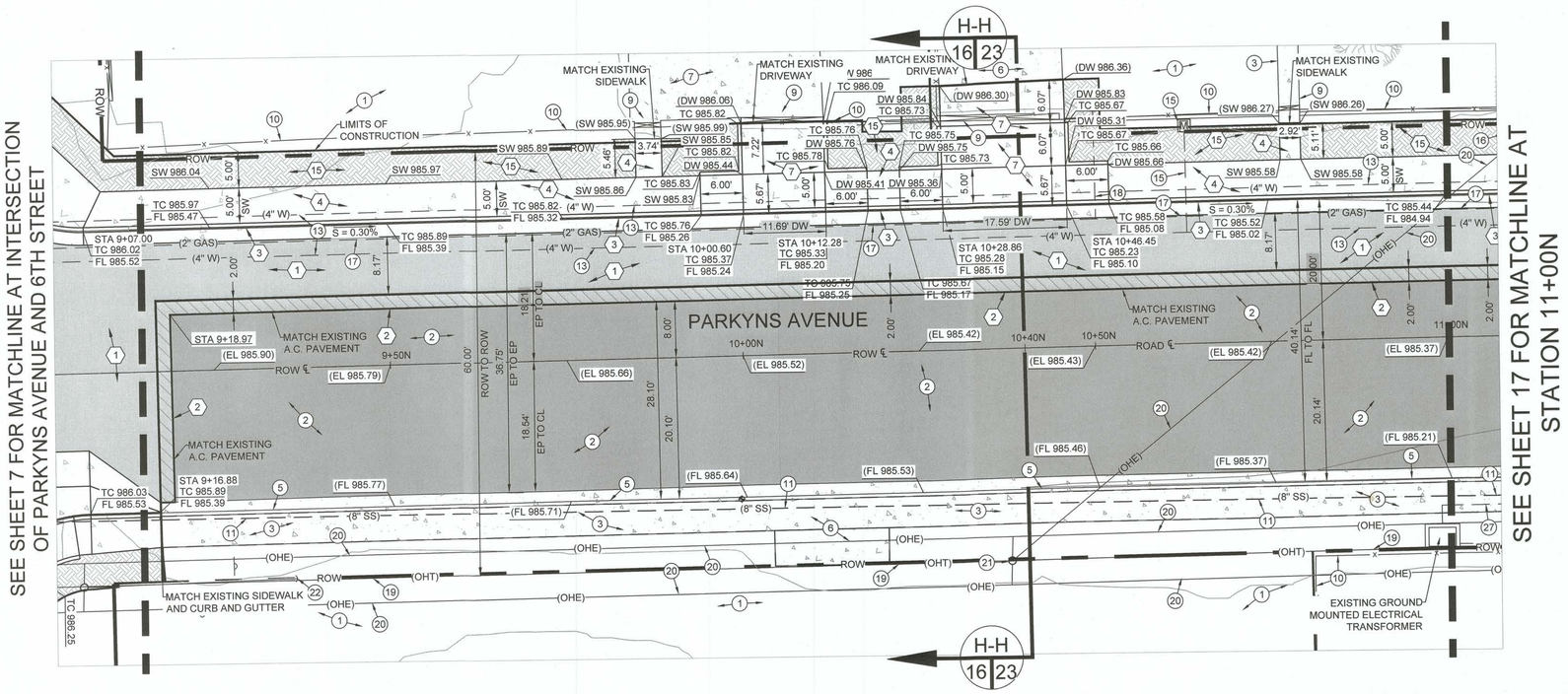

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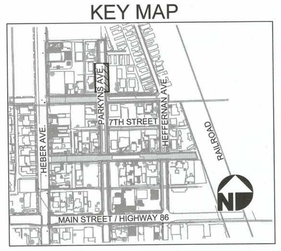
KEY MAP



10 0 10
SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
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PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

PARKYNS AVENUE PLAN AND PROFILE FROM STATION 9+15N TO STATION 11+00N

REFERENCE
THG #542.134
SHEET 16 OF 33

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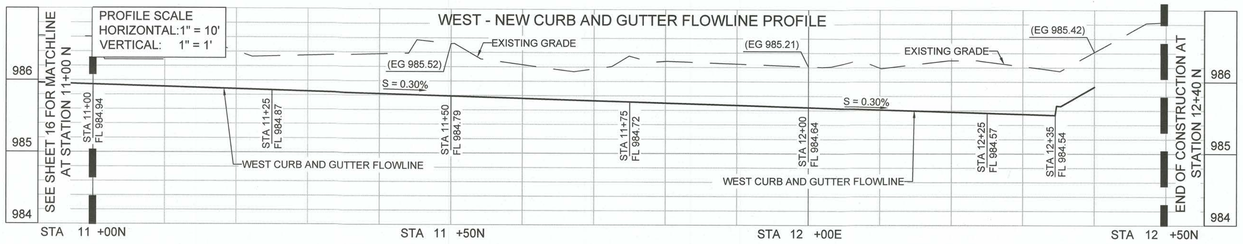

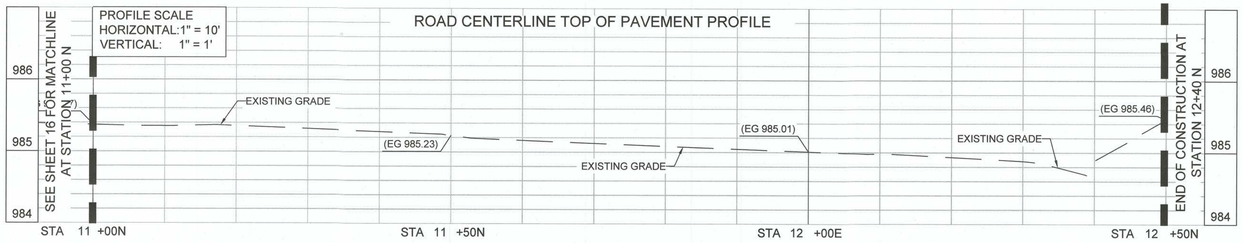

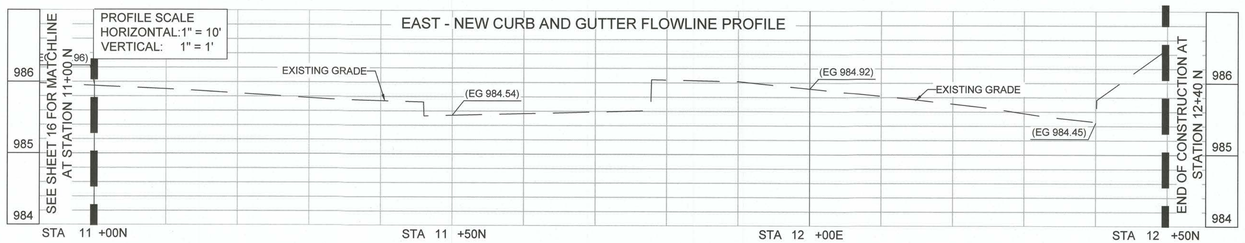

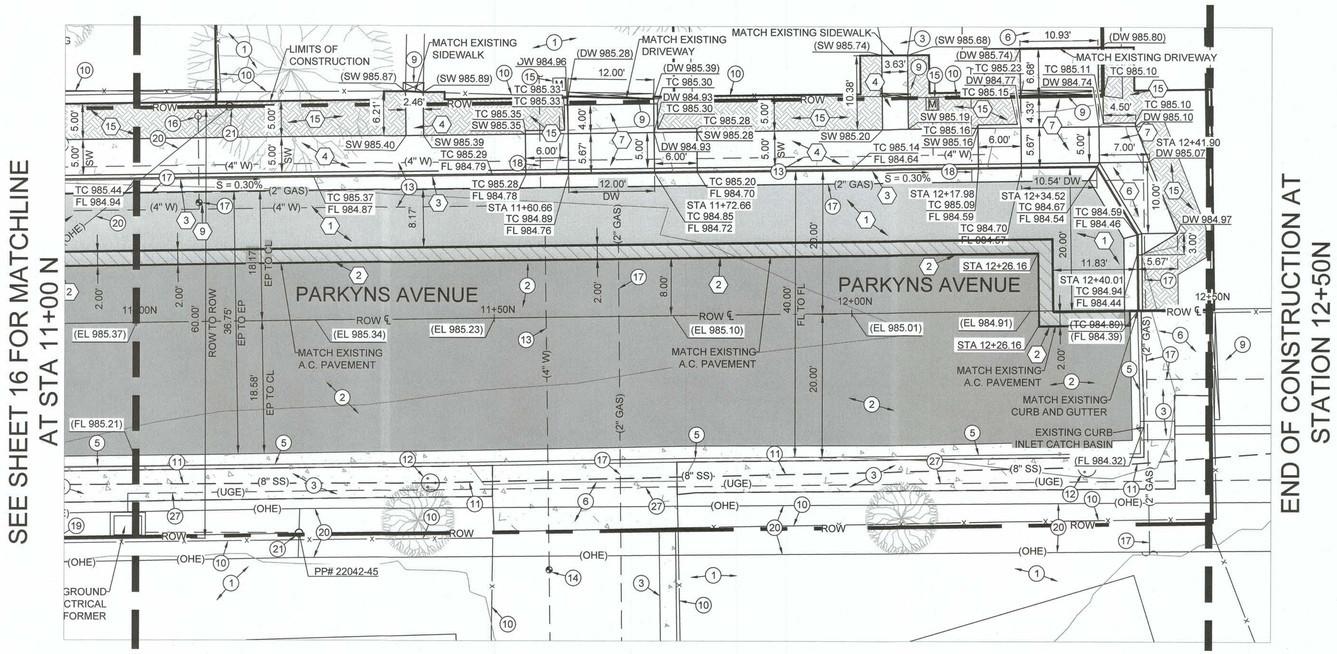

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5. EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
6. EXISTING P.C.C. DRIVEWAY TO REMAIN.
7. EXISTING P.C.C. SLAB TO REMAIN.
8. EXISTING P.C.C. SPANDREL TO REMAIN.
9. EXISTING FENCE GATE TO REMAIN.
10. EXISTING FENCE TO REMAIN.
11. EXISTING SANITARY SEWER PIPELINE TO REMAIN.
12. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
13. EXISTING WATER PIPELINE TO REMAIN.
14. EXISTING WATER VALVE TO REMAIN.
15. EXISTING WATER SERVICE LINE AND METER TO REMAIN.
16. EXISTING FIRE HYDRANT TO REMAIN.
17. EXISTING GAS PIPELINE TO REMAIN.
18. EXISTING GAS SERVICE TO REMAIN.
19. EXISTING OVERHEAD TELEPHONE LINES.
20. EXISTING OVERHEAD ELECTRICAL LINES.
21. EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
22. EXISTING GUY WIRE TO REMAIN.
23. EXISTING STREET LIGHT TO REMAIN.
24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

CONSTRUCTION KEYNOTES

1. INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTIONS A-A THROUGH C-C ON SHEET 7.
2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
5. INSTALL NEW CASE "A" OR "C" P.C.C. HANDICAP RAMP AND TRUNCATED DOMES AS APPLICABLE PER COUNTY OF IMPERIAL STANDARD DETAIL NO 414. SEE DETAILS F AND G ON SHEET 26. INSTALL P.C.C. HANDICAP RAMP OVER 6-INCHES OF CLASS II BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
6. INSTALL NEW P.C.C. STANDARD DRIVEWAY ACCESS PER DETAIL D ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
7. INSTALL NEW P.C.C. CONFINED RIGHT OF WAY DRIVEWAY ACCESS PER DETAIL E ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
8. ADJUST THE EXISTING SANITARY SEWER MANHOLE COVER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE A 12-INCH DEEP 12-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE RISER PER HPUD STANDARD DETAIL W-103. SEE DETAIL M ON SHEET 27.
9. ADJUST THE EXISTING WATER VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE WATER VALVE RISER. SEE DETAIL I ON SHEET 27.
10. INSTALL PREVIOUSLY REMOVED AND STORED STOP SIGN AND/OR STREET NAME SIGN PER DETAIL L ON SHEET 27.
11. INSTALL NEW P.C.C. CROSS GUTTER AND SPANDREL PER DETAIL J ON SHEET 27.
12. INSTALL 12-INCHES OF CLASS 2 BASE FROM THE BACK OF DRIVEWAY FOR A DISTANCE OF 5-FEET TO DAYLIGHT. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
13. INSTALL PREVIOUSLY REMOMVED AND STORED SPEED LIMIT SIGN AND LEFT TURN ARROW SIGN PER DETAIL L ON SHEET 27.
14. INSTALL NEW 10 FEET LONG P.C.C. CURB AND GUTTER TRANSITION FROM CALTRANS TYPE B2-6 TO COUNTY OF IMPERIAL STANDARD 6-INCH CURB AND GUTTER.
15. GRADE THE NATIVE MATERIAL FROM THE BACK OF SIDEWALK, A.C. PAVEMENT, CURB AND GUTTER, OR DRIVEWAY FOR A DISTANCE OF 5 FEET TO DAYLIGHT.
16. ADJUST THE EXISTING WATER METER AND WATER METER BOX TO FINISH GRADE.
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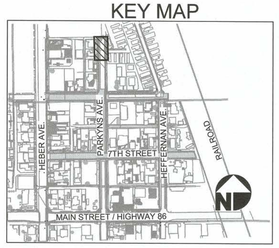
18. INSTALL RELOCATED TELEPHONE POLE TO BE COMPLETED BY OTHERS.
19. INSTALL RELOCATED FIRE HYDRANT BEHIND THE NEW P.C.C. SIDEWALK PER HPUD STANDARD DETAIL W-106. TO BE COMPLETED BY OTHERS.
20. ADJUST THE EXISTING SANITARY SEWER CLEANOUT TO FINISH GRADE ELEVATION. PLACE AN 8-INCH DEEP, 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE SEWER CLEANOUT PER HPUD STANDARD DWG. 223. SEE DETAIL H ON SHEET 26.
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT, TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

KEY MAP



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SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
PARKYNS AVENUE PLAN AND PROFILE FROM STATION 11+00N TO STATION 12+50N

REFERENCE
THG #542.134
SHEET 17 OF 33

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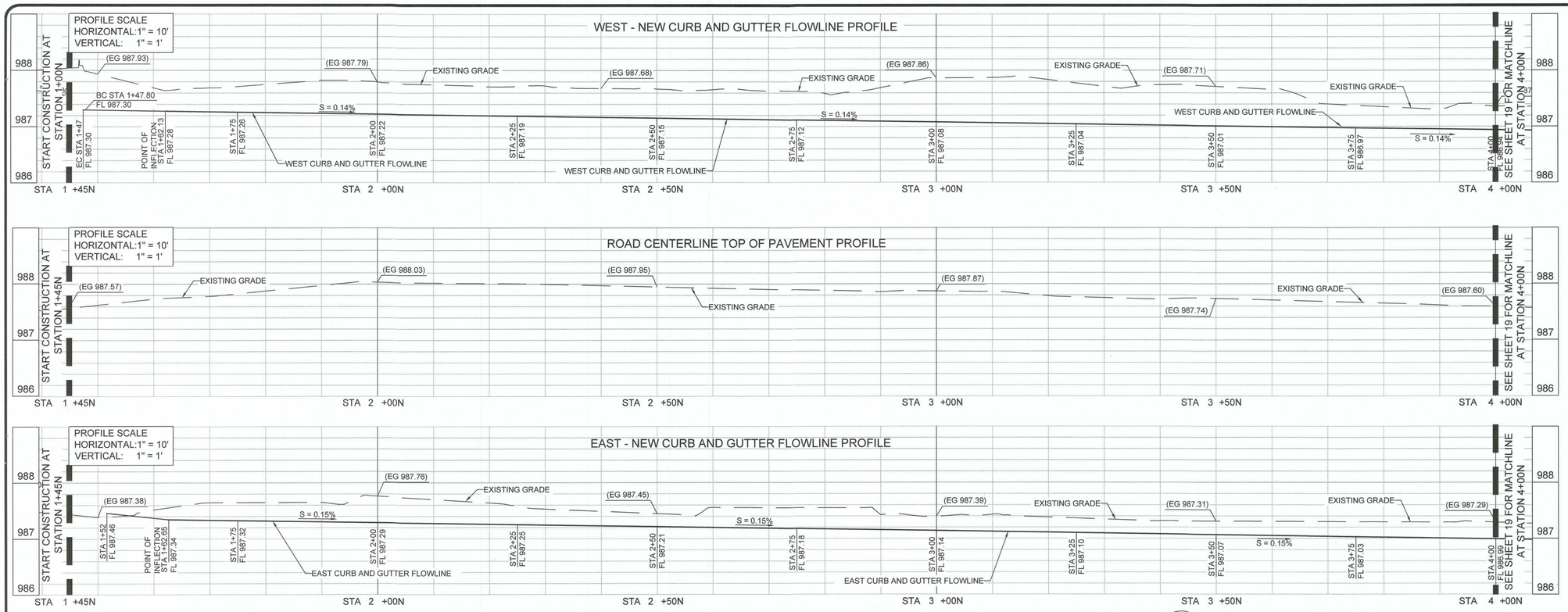

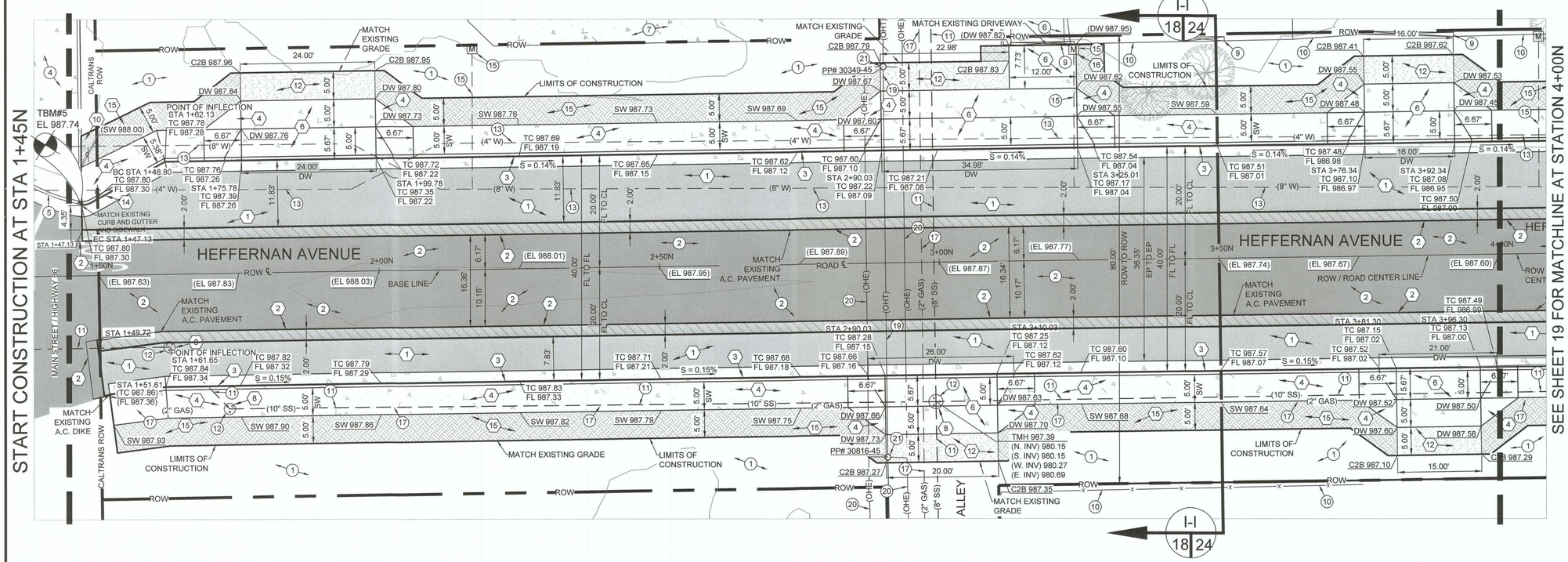

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
5. EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
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25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

CONSTRUCTION KEYNOTES

1. INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTIONS A-A THROUGH C-C ON SHEET 7.
2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
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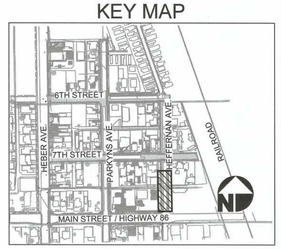
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT, TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

SCALE 1"= 10'

KEY MAP



REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
HEFFERNAN AVENUE PLAN AND PROFILE FROM STATION 1+45N TO STATION 4+00N

REFERENCE
THG #542.134
SHEET 18 OF 33

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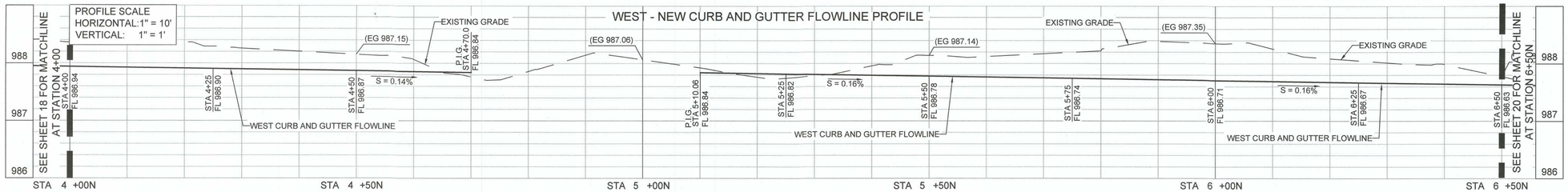
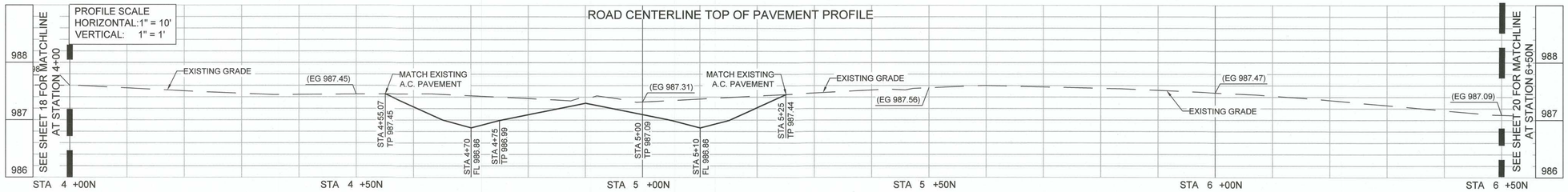
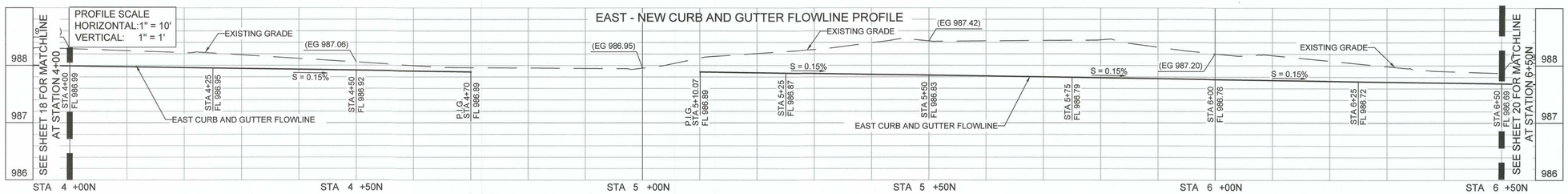
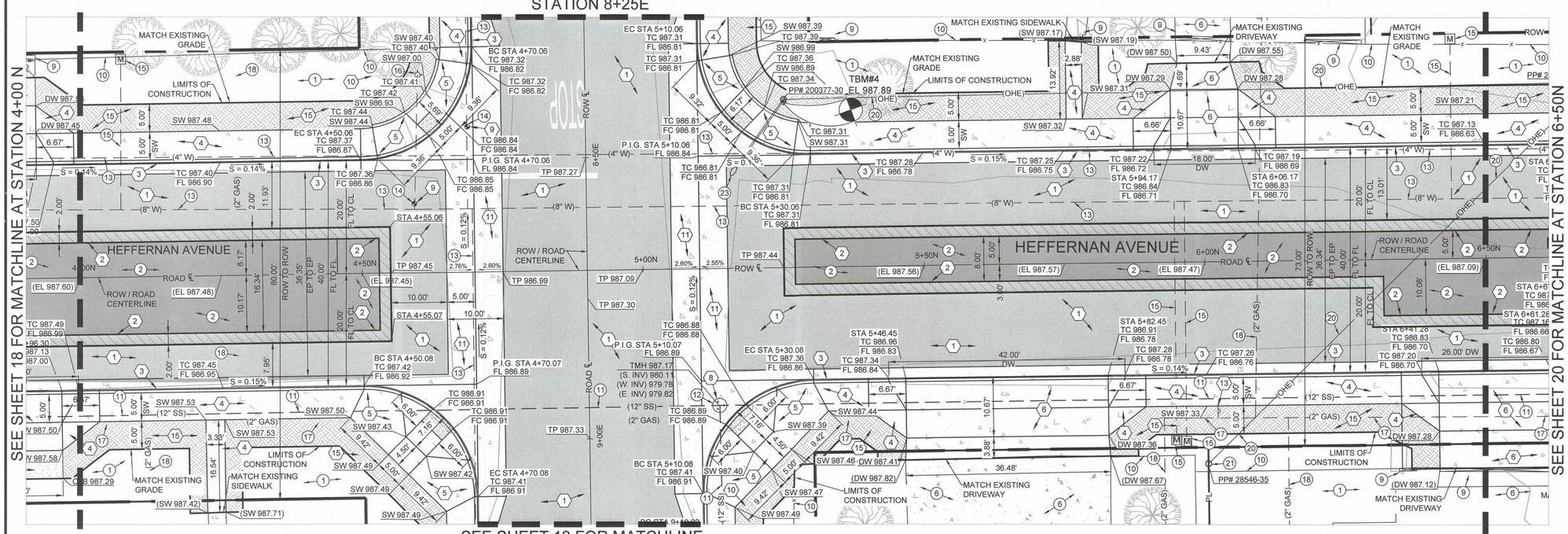






SEE SHEET 11 FOR MATCHLINE AT STATION 8+25E



SEE SHEET 12 FOR MATCHLINE AT STATION 9+15E

EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
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CONSTRUCTION KEYNOTES

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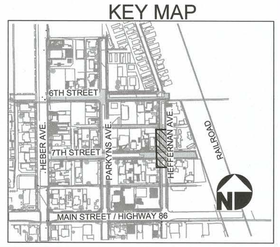
SCALE 1"= 10'

KEY MAP



REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

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ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
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6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
HEFFERNAN AVENUE PLAN AND PROFILE FROM STATION 4+00N TO STATION 6+50N

REFERENCE
THG #542.134
SHEET 19 OF 33

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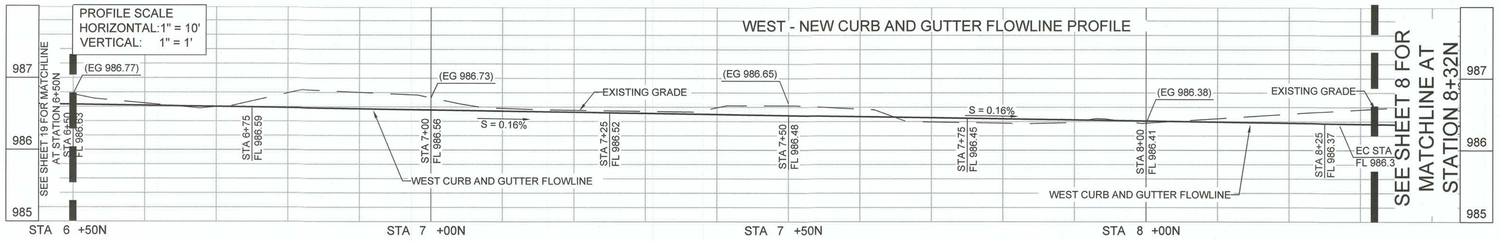
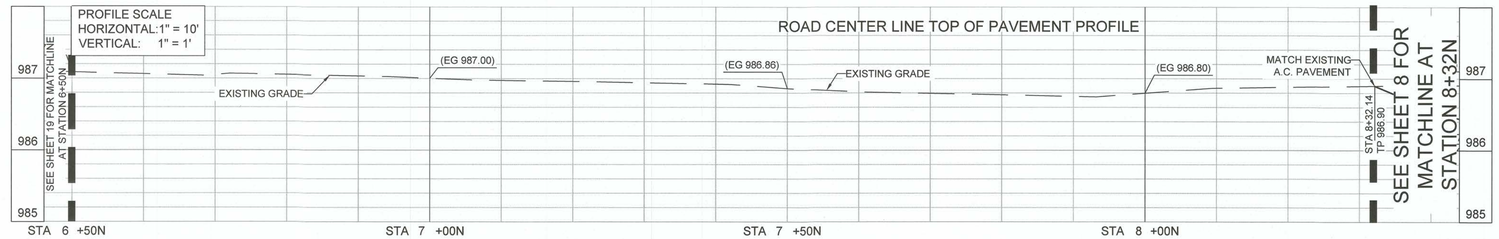
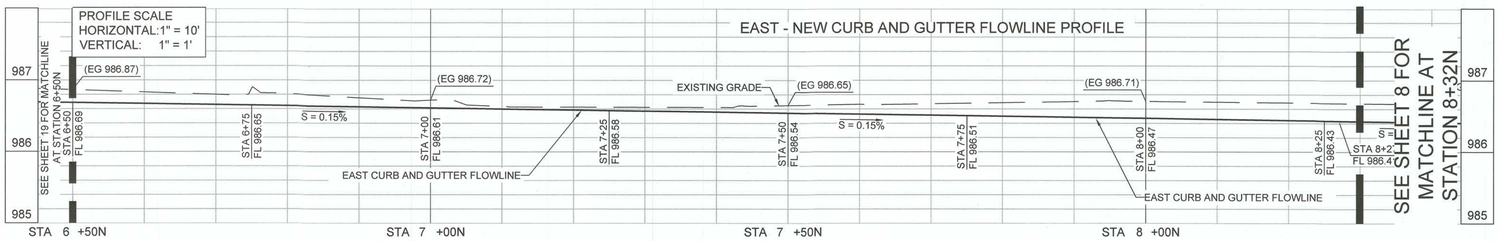
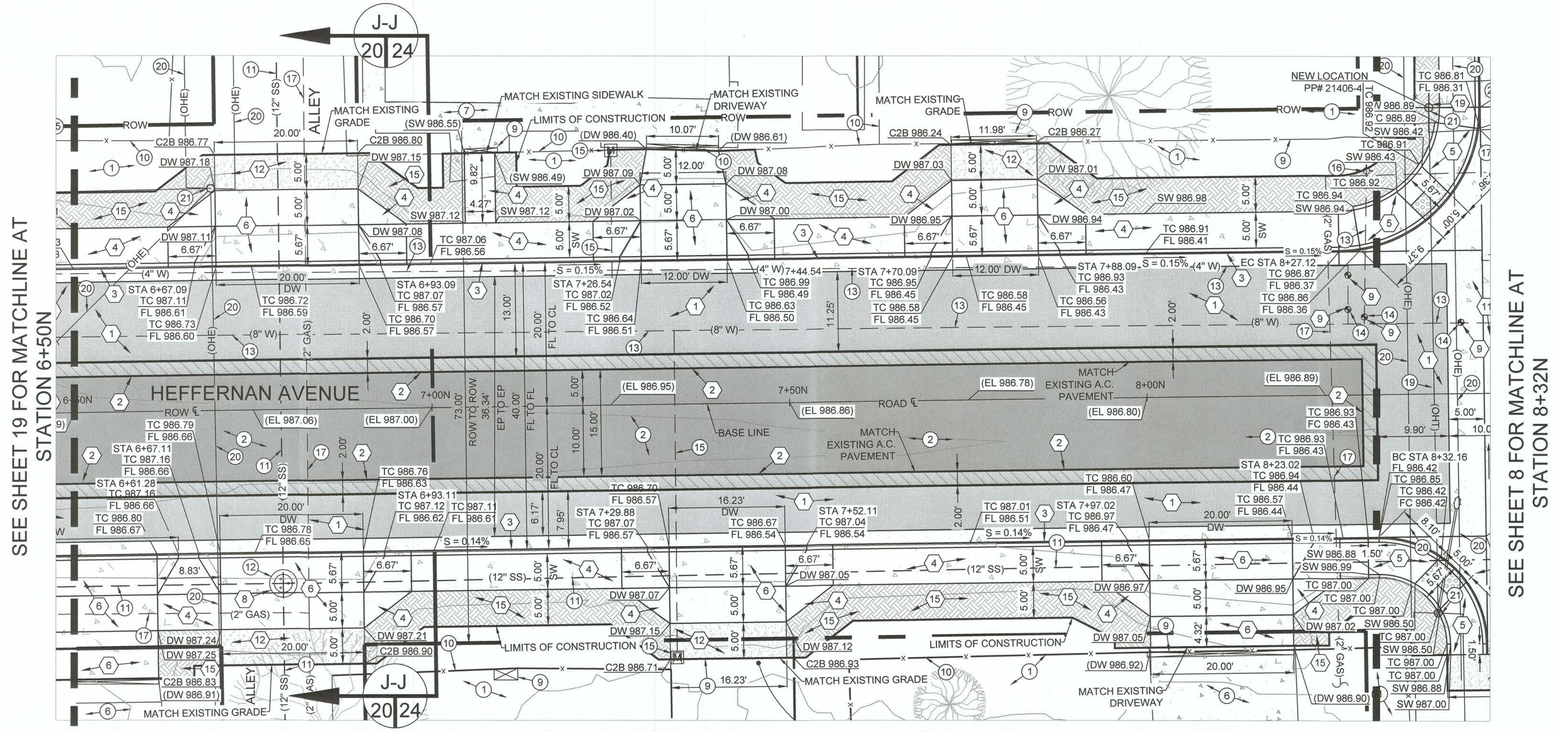








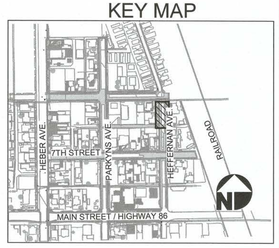
EXISTING KEYNOTES

1. EXISTING NATIVE MATERIAL TO REMAIN.
2. EXISTING A.C. PAVEMENT TO REMAIN.
3. EXISTING P.C.C. SIDEWALK TO REMAIN.
4. EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
5. EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
6. EXISTING P.C.C. DRIVEWAY TO REMAIN.
7. EXISTING P.C.C. SLAB TO REMAIN.
8. EXISTING P.C.C. SPANDREL TO REMAIN.
9. EXISTING FENCE GATE TO REMAIN.
10. EXISTING FENCE TO REMAIN.
11. EXISTING SANITARY SEWER PIPELINE TO REMAIN.
12. EXISTING SANITARY SEWER MANHOLE TO REMAIN.
13. EXISTING WATER PIPELINE TO REMAIN.
14. EXISTING WATER VALVE TO REMAIN.
15. EXISTING WATER SERVICE LINE AND METER TO REMAIN.
16. EXISTING FIRE HYDRANT TO REMAIN.
17. EXISTING GAS PIPELINE TO REMAIN.
18. EXISTING GAS SERVICE TO REMAIN.
19. EXISTING OVERHEAD TELEPHONE LINES.
20. EXISTING OVERHEAD ELECTRICAL LINES.
21. EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
22. EXISTING GUY WIRE TO REMAIN.
23. EXISTING STREET LIGHT TO REMAIN.
24. EXISTING STREET NAME SIGN TO REMAIN.
25. EXISTING STOP SIGN TO REMAIN.
26. EXISTING UNDERGROUND AT&T COMMUNICATION LINE TO REMAIN.
27. EXISTING UNDERGROUND ELECTRICAL LINE TO REMAIN.

CONSTRUCTION KEYNOTES

1. INSTALL 4-INCHES OF A.C. PAVEMENT OVER 12-INCHES OF CLASS 2 BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. SEE SECTIONS A-A THROUGH C-C ON SHEET 7.
2. INSTALL 0.20 FOOT OF A.C. PAVEMENT AT COLD PLANED/HEADER CUT AREA PER DETAIL A ON SHEET 26.
3. INSTALL 6-INCH P.C.C. CURB AND GUTTER PER COUNTY OF IMPERIAL STANDARD DETAIL NO 400. SEE DETAIL B ON SHEET 26.
4. INSTALL NEW 4-INCH THICK P.C.C. SIDEWALK OVER 8-INCHES OF GRANULAR SAND PER COUNTY OF IMPERIAL STANDARD DETAIL NO 420. SEE DETAIL C ON SHEET 26. WIDTH SHALL BE 5-FOOT WIDE OR ILLUSTRATED ON THE PLANS.
5. INSTALL NEW CASE "A" OR "C" P.C.C. HANDICAP RAMP AND TRUNCATED DOMES AS APPLICABLE PER COUNTY OF IMPERIAL STANDARD DETAIL NO 414. SEE DETAILS F AND G ON SHEET 26. INSTALL P.C.C. HANDICAP RAMP OVER 6-INCHES OF CLASS II BASE. COMPACT THE CLASS 2 BASE MATERIAL TO 95-PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
6. INSTALL NEW P.C.C. STANDARD DRIVEWAY ACCESS PER DETAIL D ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
7. INSTALL NEW P.C.C. CONFINED RIGHT OF WAY DRIVEWAY ACCESS PER DETAIL E ON SHEET 26. CONTRACTOR SHALL VERIFY AND MATCH THE EXACT LOCATION OF THE EXISTING DRIVEWAY WHEN APPLICABLE.
8. ADJUST THE EXISTING SANITARY SEWER MANHOLE COVER TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE A 12-INCH DEEP 12-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE MANHOLE RISER PER HPUD STANDARD DETAIL W-103. SEE DETAIL M ON SHEET 27.
9. ADJUST THE EXISTING WATER VALVE RISERS TO FINISH GRADE AFTER PAVING OPERATIONS ARE COMPLETE. PLACE AN 8-INCH DEEP 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE WATER VALVE RISER. SEE DETAIL I ON SHEET 27.
10. INSTALL PREVIOUSLY REMOVED AND STORED STOP SIGN AND/OR STREET NAME SIGN PER DETAIL L ON SHEET 27.
11. INSTALL NEW P.C.C. CROSS GUTTER AND SPANDREL PER DETAIL J ON SHEET 27.
12. INSTALL 12-INCHES OF CLASS 2 BASE FROM THE BACK OF DRIVEWAY FOR A DISTANCE OF 5-FEET TO DAYLIGHT. COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
13. INSTALL PREVIOUSLY REMOMVED AND STORED SPEED LIMIT SIGN AND LEFT TURN ARROW SIGN PER DETAIL L ON SHEET 27.
14. INSTALL NEW 10 FEET LONG P.C.C. CURB AND GUTTER TRANSITION FROM CALTRANS TYPE B2-6 TO COUNTY OF IMPERIAL STANDARD 6-INCH CURB AND GUTTER.
15. GRADE THE NATIVE MATERIAL FROM THE BACK OF SIDEWALK, A.C. PAVEMENT, CURB AND GUTTER, OR DRIVEWAY FOR A DISTANCE OF 5 FEET TO DAYLIGHT.
16. ADJUST THE EXISTING WATER METER AND WATER METER BOX TO FINISH GRADE.
17. INSTALL RELOCATED POWER POLE TO BE COMPLETED BY OTHERS.
18. INSTALL RELOCATED TELEPHONE POLE TO BE COMPLETED BY OTHERS.
19. INSTALL RELOCATED FIRE HYDRANT BEHIND THE NEW P.C.C. SIDEWALK PER HPUD STANDARD DETAIL W-106. TO BE COMPLETED BY OTHERS.
20. ADJUST THE EXISTING SANITARY SEWER CLEANOUT TO FINISH GRADE ELEVATION. PLACE AN 8-INCH DEEP, 8-INCH WIDE, 5,000 PSI CONCRETE RING AROUND THE EXTERIOR CIRCUMFERENCE OF THE SEWER CLEANOUT PER HPUD STANDARD DWG. 223. SEE DETAIL H ON SHEET 26.
21. INSTALL 12 INCHES OF CLASS 2 BASE FLUSH WITH THE TOP OF PAVEMENT, TOP OF SIDEWALK OR TOP OF CURB. INSTALL THE CLASS 2 BASE FOR A DISTANCE OF 5 FEET TO DAYLIGHT.COMPACT THE CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.

KEY MAP



10 0 10
SCALE 1"= 10'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 62028 R.C.E. No. — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

HEFFERNAN AVENUE PLAN AND PROFILE FROM STATION 6+00N TO STATION 8+70N

REFERENCE
THG #542.134
SHEET 20 OF 33

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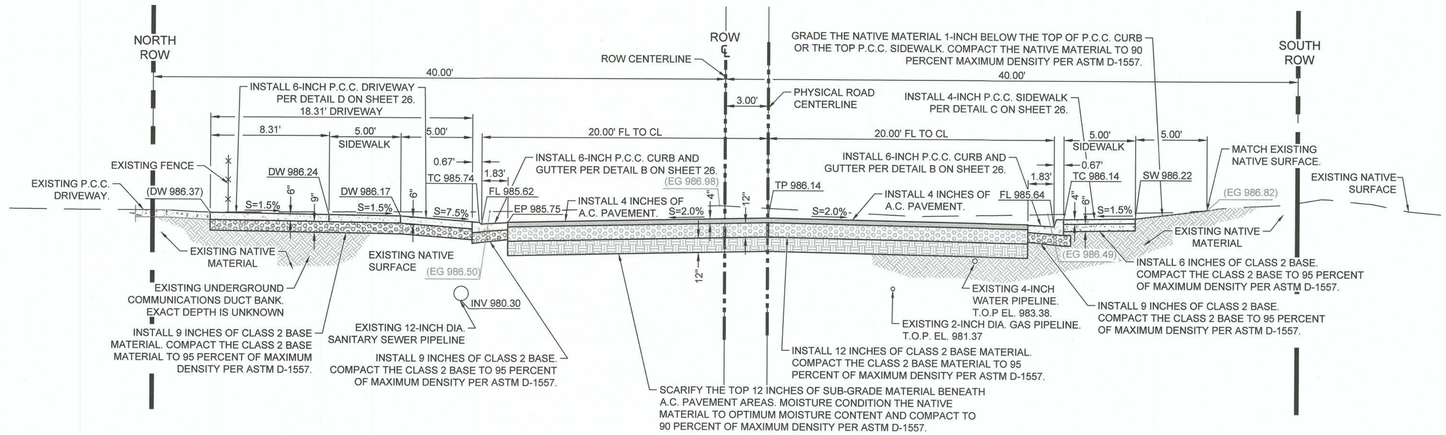


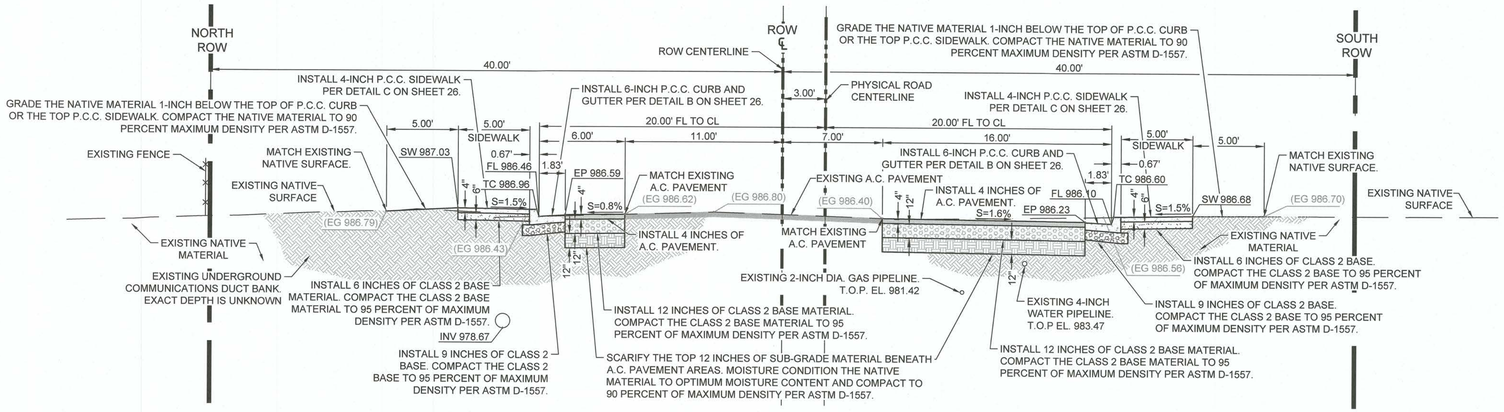
SIXTH STREET SECTION DETAIL AT STATION 3+25E

A-A 6 21

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

NOTE:

THE VERTICAL AND HORIZONTAL LOCATION OF EXISTING UNDERGROUND UTILITIES ILLUSTRATED ON THE PLANS ARE APPROXIMATE. AN EFFORT HAS BEEN MADE TO OBTAIN AS-BUILT PLANS IN ORDER TO ACCURATELY ILLUSTRATE THE EXISTING KNOWN UTILITES DURING THE DESIGN PHASE; HOWEVER, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES WHICH ARE NOT ILLUSTRATED ON THE PLANS. THE CONTRACTOR SHALL "POTHOLE" ALL UTILITIES LOCATED WITHIN THE PROJECT SITE A MINIMUM OF SEVEN (7) CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL COORDINATE THE POTHOLING WITH THE UTILITY COMPANIES AND ENGINEER. THE CONTRACTOR SHALL POTHOLE AND EXPOSE THE UTILITIES, DETERMINE THE EXACT HORIZONTAL LOCATION AND DEPTH OF THE UTILITIES, AND OBTAIN OTHER UTILITY INFORMATION. THE EXISTING UTILITY INFORMATION DISCOVERED DURING POTHOLING ACTIVITIES SHALL BE ILLUSTRATED ON THE AS-BUILT PLANS.



SIXTH STREET SECTION DETAIL AT STATION 7+00E

B-B 8 21

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

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JOHN GAY, P.E. DIRECTOR OF PUBLIC WORKS — 62028 R.C.E. No.
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
SIXTH STREET SECTION DETAILS

REFERENCE
THG #542.134
SHEET 21 OF 33

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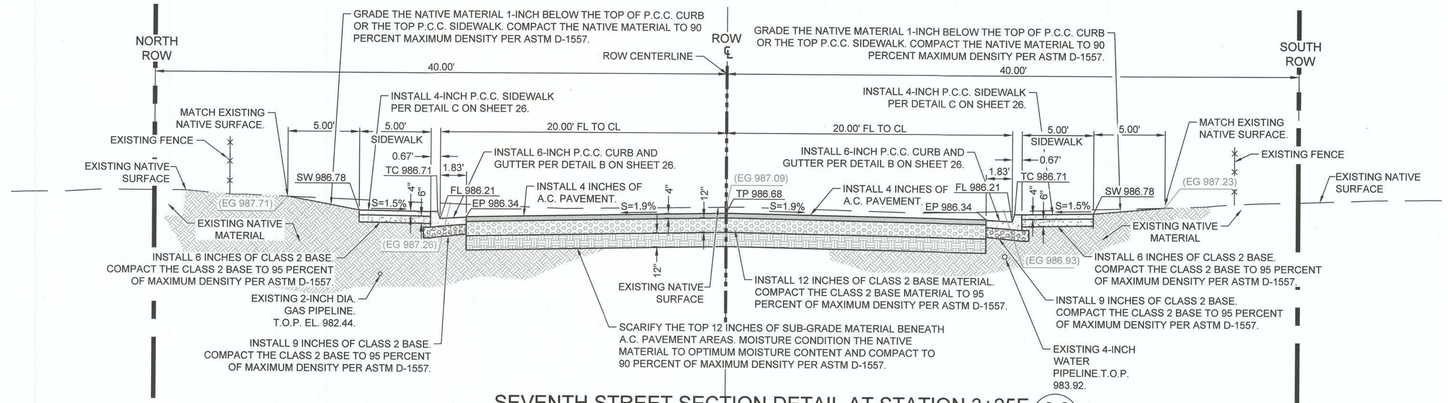
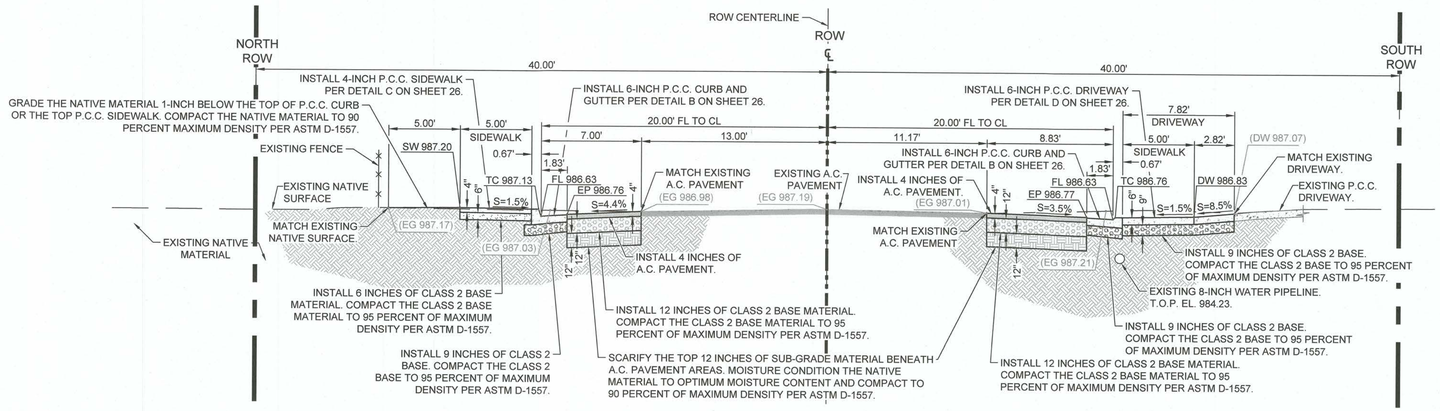


SEVENTH STREET SECTION DETAIL AT STATION 3+25E (C-C 9/22)

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL



SEVENTH STREET SECTION DETAIL AT STATION 6+75E (D-D 11/22)

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

NOTE:

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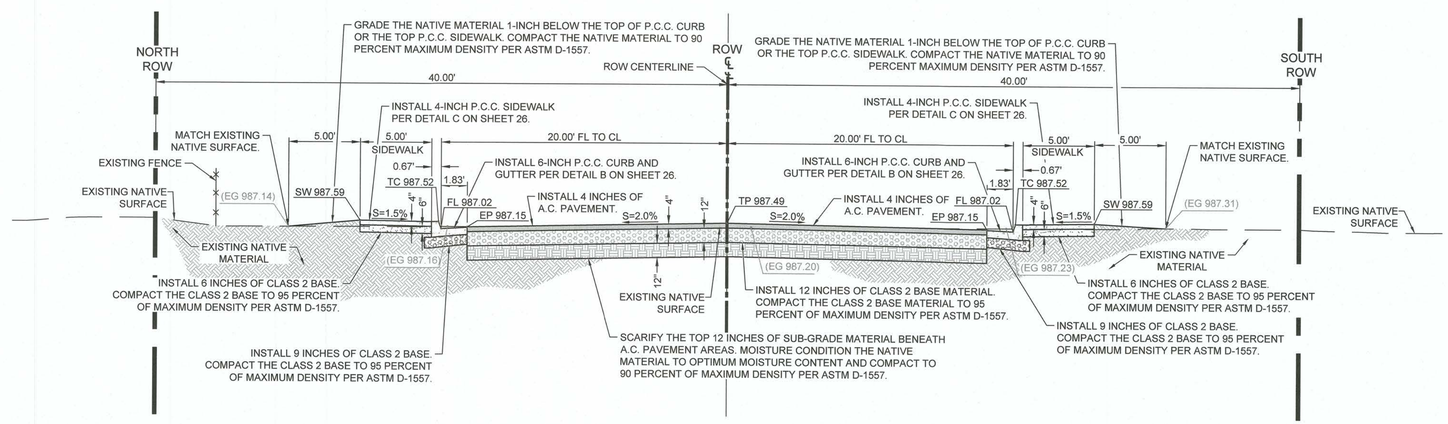

SEVENTH STREET SECTION DETAIL AT STATION 10+00E (E-E 12/22)

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
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DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
SEVENTH STREET SECTION DETAIL

REFERENCE
THG #542.134
SHEET 22 OF 33

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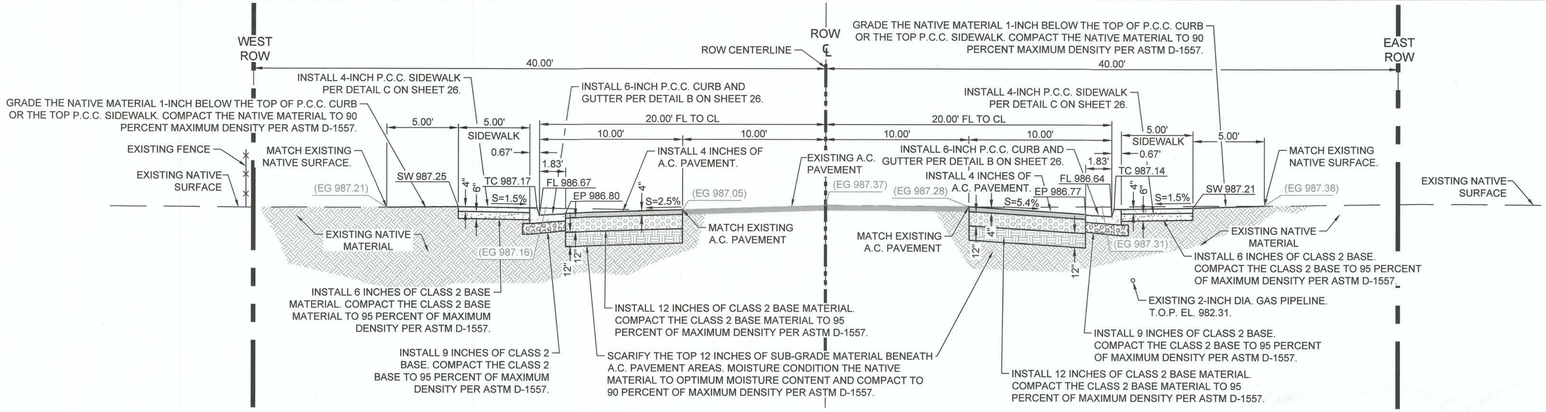
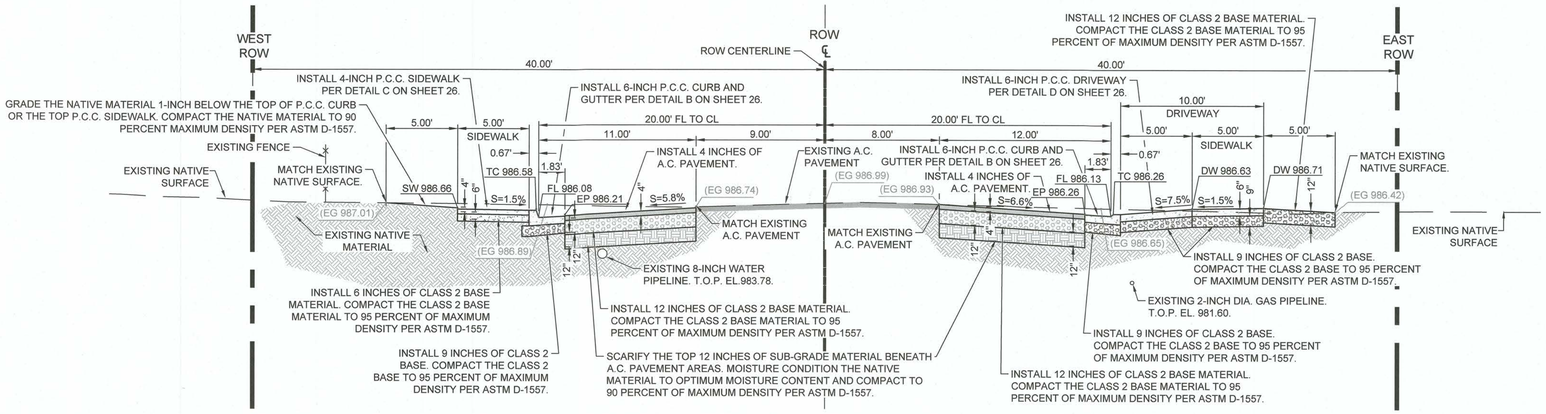


PARKYNS AVENUE SECTION DETAIL AT STATION 3+50N

F-F
13 23

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL



PARKYNS AVENUE SECTION DETAIL AT STATION 7+00N

G-G
15 23

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

NOTE:

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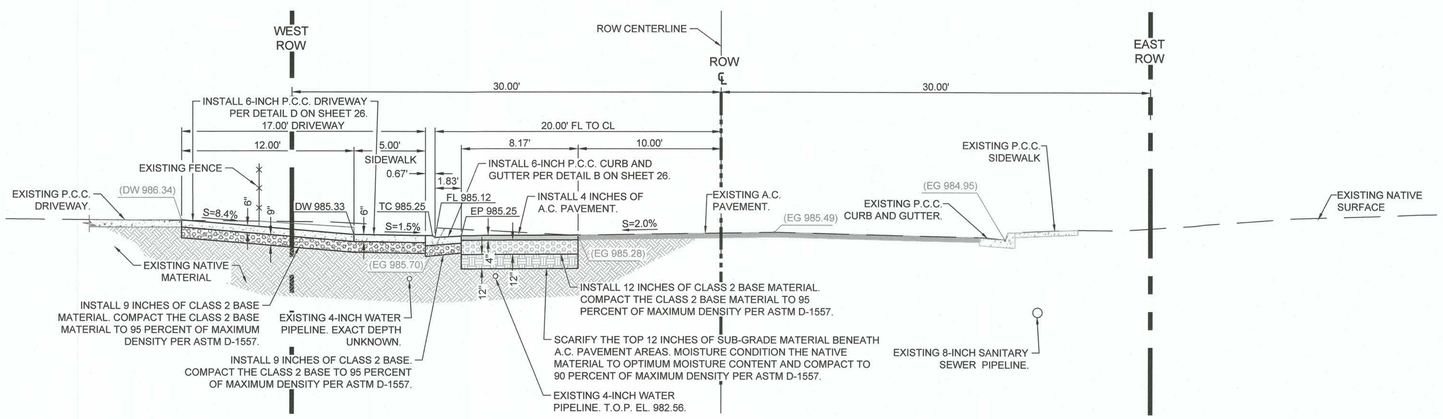

PARKYNS AVENUE SECTION DETAIL AT STATION 10+40N

H-H
16 23

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

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PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

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COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
PARKYNS AVENUE SECTION DETAIL

REFERENCE
THG #542.134
SHEET 23 OF 33

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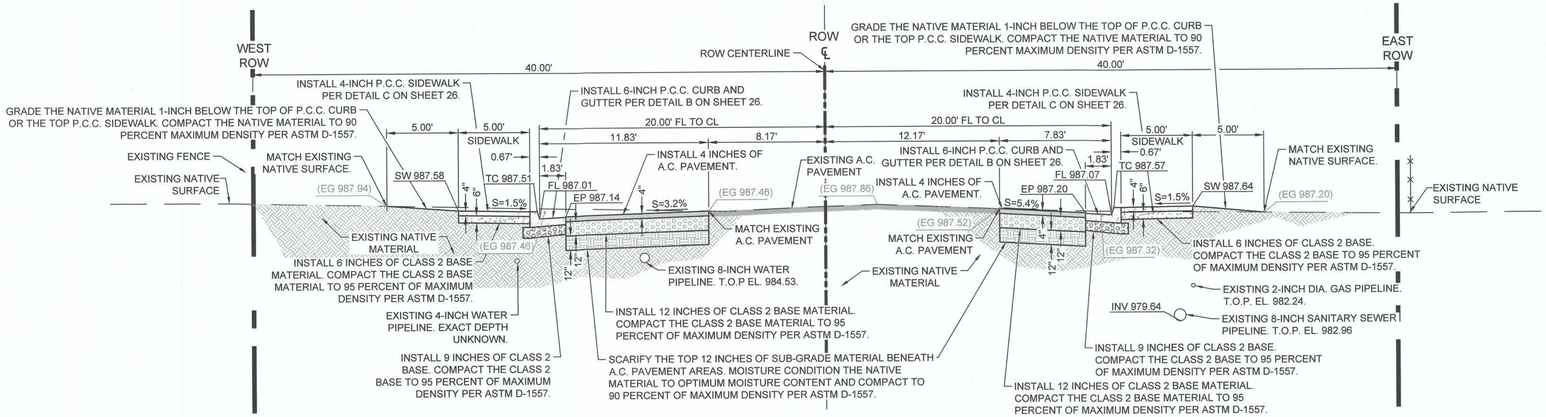


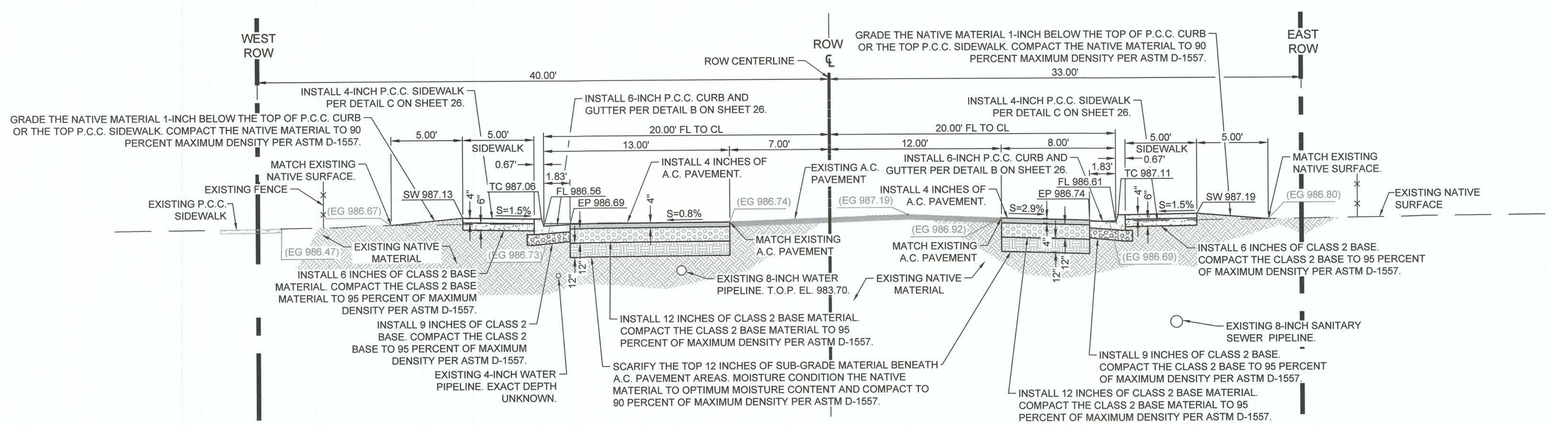
HEFERNAN AVENUE SECTION DETAIL AT STATION 3+50E

I - I
18 | 24

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

NOTE:

THE VERTICAL AND HORIZONTAL LOCATION OF EXISTING UNDERGROUND UTILITIES ILLUSTRATED ON THE PLANS ARE APPROXIMATE. AN EFFORT HAS BEEN MADE TO OBTAIN AS-BUILT PLANS IN ORDER TO ACCURATELY ILLUSTRATE THE EXISTING KNOWN UTILITES DURING THE DESIGN PHASE; HOWEVER, THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES WHICH ARE NOT ILLUSTRATED ON THE PLANS. THE CONTRACTOR SHALL "POTHOLE" ALL UTILITIES LOCATED WITHIN THE PROJECT SITE A MINIMUM OF SEVEN (7) CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF EXCAVATION ACTIVITIES. THE CONTRACTOR SHALL COORDINATE THE POTHOLING WITH THE UTILITY COMPANIES AND ENGINEER. THE CONTRACTOR SHALL POTHOLE AND EXPOSE THE UTILITIES, DETERMINE THE EXACT HORIZONTAL LOCATION AND DEPTH OF THE UTILITIES, AND OBTAIN OTHER UTILITY INFORMATION. THE EXISTING UTILITY INFORMATION DISCOVERED DURING POTHOLING ACTIVITIES SHALL BE ILLUSTRATED ON THE AS-BUILT PLANS.



HEFERNAN AVENUE SECTION DETAIL AT STATION 7+00E

J-J
20 | 24

SCALE: 1" = 5' HORIZONTAL
1" = 5' VERTICAL

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

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6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
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DESIGNED RS
SCALE 1" = 10'
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PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
HEFERNAN AVENUE SECTION DETAILS

REFERENCE
THG #542.134
SHEET 24 OF 33

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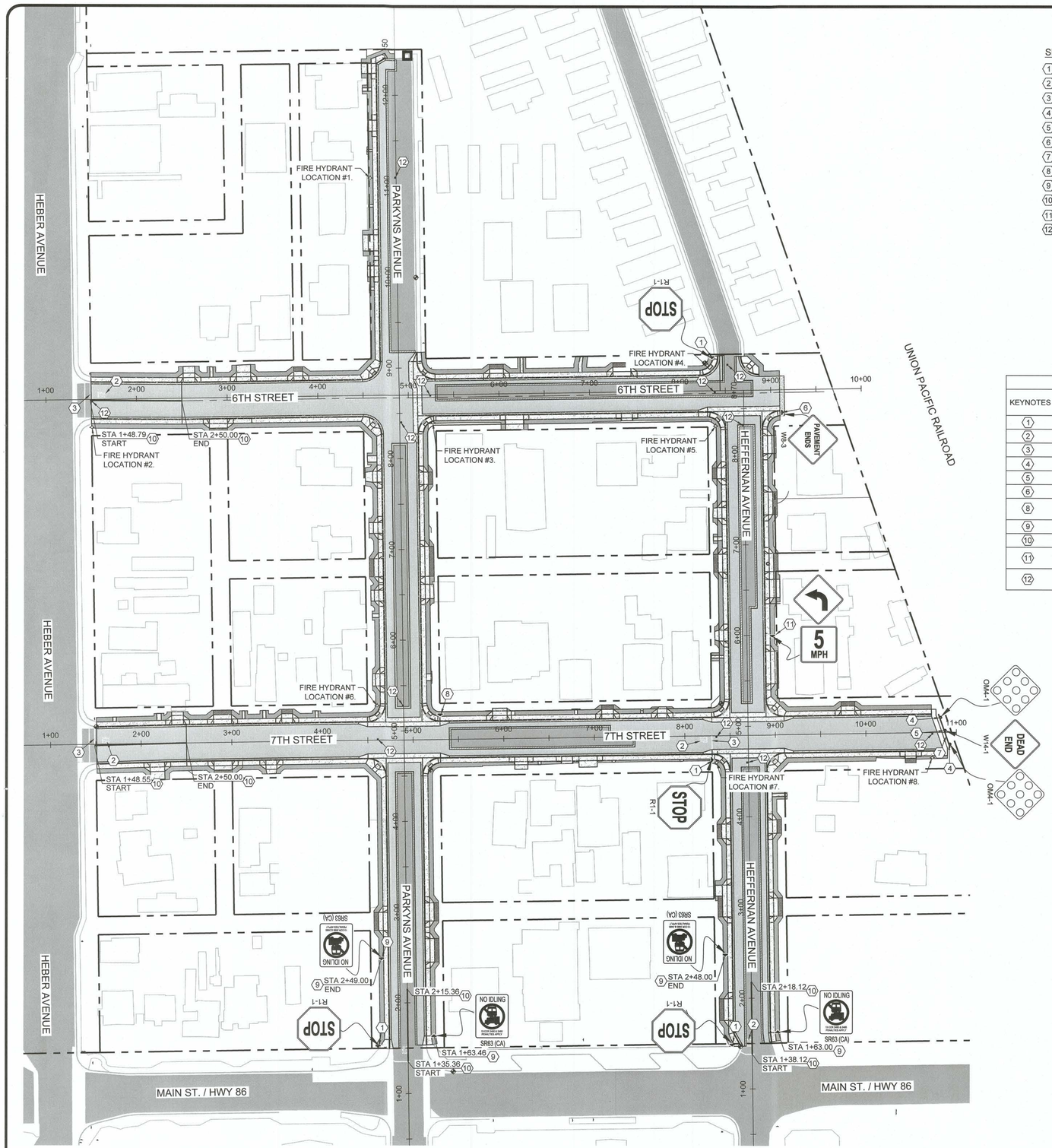

SIGNAGE AND STRIPING KEYNOTES

1. INSTALL PREVIOUSLY STORED STOP SIGN (R1-1) AND/OR STREET NAME PER DETAIL L ON SHEET 27.
2. INSTALL "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D.
3. INSTALL STOP BAR PER CALTRANS STANDARD PLAN A24D
4. INSTALL OBJECT MARKER SIGN (OM4-1) DETAIL K ON SHEET 27.
5. INSTALL DEAD END SIGN (W14-1) PER DETAIL K ON SHEET 27.
6. INSTALL "PAVEMENT ENDS" SIGN (W8-3) PER CALTRANS STANDARD PLAN RS2.
7. INSTALL TEMPORARY BARRICADE PER DETAIL K ON SHEET 27.
8. INSTALL PREVIOUSLY REMOVED STREET NAME SIGNS PER DETAIL L ON SHEET 27.
9. INSTALL "NO IDLING" SIGN (SR63 - CA) PER DETAIL L ON SHEET 27.
10. INSTALL DOUBLE YELLOW LINE PER CALTRANS STANDARD PLAN A20A, DETAIL 22.
11. INSTALL PREVIOUSLY STORED SPEED LIMIT AND LEFT TURN ARROW SIGN PER DETAIL L ON SHEET 27.
12. INSTALL BLUE RAISED BIDIRECTIONAL REFLECTIVE PAVEMENT MARKERS TO INDICATE LOCATION OF FIRE HYDRANTS PER THE CURRENT CA MUTCD FIGURE 3B-102.

STRIPING AND SIGNAGE QUANTITY CHARTS

KEYNOTES	STRIPING TYPE	STRIPING COLOR	SIGN/PLAQUE	SIGN DESIGNATION	SIZE	BACKGROUND COLOR	UNIT	QUANTITY
1	-	-	PREVIOUSLY STORED "STOP" SIGN	R1-1	30" X 30"	RED	EA	4
2	"STOP" LEGEND	WHITE	-	-	-	-	EA	4
3	STOP BAR	WHITE	-	-	-	-	EA	3
4	-	-	OBJECT MARKING SIGN	OM4-1	30" X 30"	RED	EA	2
5	-	-	"DEAD END" SIGN	W14-1	30" X 30"	YELLOW	EA	1
6	-	-	"PAVEMENT ENDS" SIGN	W8-3	30" X 30"	YELLOW	EA	1
8	-	-	PREVIOUSLY STORED STREET NAME SIGNS	-	-	BLUE	EA	1
9	-	-	"NO IDLING" SIGN	SR63(CA)	18" X 24"	WHITE	EA	4
10	DOUBLE LINE	YELLOW	-	-	6"	-	LF	364
11			PREVOUSLY STORED SPEED LIMIT AND LEFT TURN ARROW SIGNS					1
12	RAISED PAVEMENT MARKERS	BLUE					EA	12

N

60 0 60 120 180

SCALE 1"= 60'

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

SIGNAGE AND STRIPING PLAN

REFERENCE

THG #542.134

SHEET 25 OF 33

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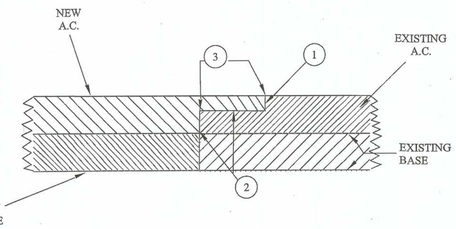


NOT TO SCALE

NOTES:

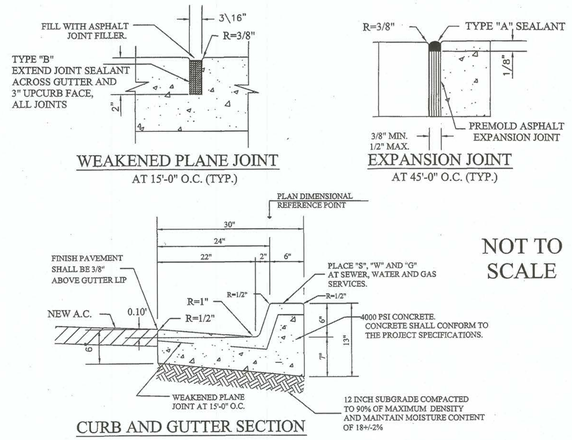
1. GRIND 2' WIDE X 0.12' DEEP HEADER FULL LENGTH OF JOINT
2. TACK COAT ENTIRE SURFACE WITH AR 1000 PAVING ASPHALT AT AN APPROXIMATE RATE OF 0.05 GALLON PER SQUARE YARD OR GRADE SS-1H EMULSIFIED ASPHALT AT AN APPROXIAMATE RATE OF 0.05 TO 0.10 GALLON GALLON PER SQUARE YARD SHALL BE UNIFORMALY APPLIED UPON THE EXISTING PAVEMENT PRECEDING THE PLACEMENT OF THE ASPHALT CONCRETE. THE SURFACE SHALL BE FREE OF WATER,FOREIGN MATERIAL,OR DUST, WHEN THE TACKCOAT IS APPLIED.
3. OVERLAY HEADER AREA TO MATCH NEW & EXISTING A.C. SURFACES
4. WHERE PAVEMENT IS INSTALLED ON A PROJECT ON MORE THAN ONE DAY, A HEADER (AS HERB IN DESCRIBED) MUST BE PROVIDED AT THE CONSTRUCTION JOINT.

REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRUNET No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

COLD PLANE DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 453
NTS

A 6-20 26



NOT TO SCALE

CURB AND GUTTER SECTION

NOTES

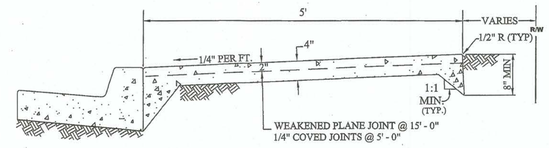
1. EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S CURB RETURNS AND STRUCTURES IN ADDITION TO 45' O.C.
2. CURB AND GUTTER SHALL BE CLASS "3" CONCRETE WHICH SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS. POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, O.A.E
3. WIDTH OF STANDARD STREET SECTIONS SHOWN ON PLANS ARE TO CURB LINES UNLESS OTHERWISE INDICTAED.
4. CURING COMPOUND SHALL BE SPRAYED UNIFORMLY ON EXPOSED SURFACES. HYDRO-CURE CLEAR CC-309-1W, OR APPROVED EQUAL.
5. WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE MINOR FINISHING SHALL BE DONE TO PROVIDE AN ACCEPTABLE FINISH AND THE WEAKENED PLANE JOINT MAY BE SAWCUT.
6. ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADEQUATELY INSURE THE PUBLIC SAFETY.
7. ALL EXPOSED SURFACES TO HAVE A SMOOTH TROWEL FINISH. DRY SACK FINISH WILL NOT BE ALLOWED.
8. THE CURB EDGES SHALL BE PLACED TRUE TO LINE AND GRADE. VERTICAL ELEVATIONS SHALL NOT VARY MORE THAN ±0.01' WITH A MAXIMUM VARIANCE OF 0.02' FROM DESIGN GRADE OCCURRING IN ANY GIVEN 100 FEET SECTION. THE HORIZONTAL CURB EDGES SHALL NOT VARY MORE THAN 1/4" INCH IN ANY GIVEN 100 FOOT SECTION.

REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRUNET No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

CURB AND GUTTER DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 400
NTS

B 6-20 26



NOT TO SCALE

NOTE:

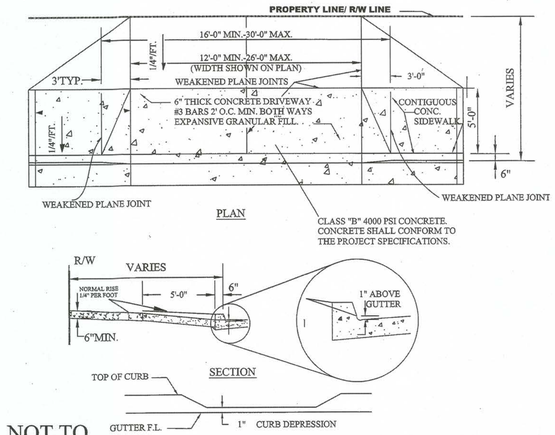
1. ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADEQUATELY INSURE PUBLIC SAFETY.
2. EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S, CURB RETURNS AND STRUCTURES IN ADDITION TO 45' O.C.
3. FOR JOINTS DETAILS SEE GATEWAY STD. DWG. 400
4. SIDEWALK AND CURB SHALL NOT BE POURED MONOLITHIC.
5. SUBGRADE SHALL BE 8" INCHES MINIMUM OF 95% OF ASTM D1557 MAXIMUM DRY DENSITY
6. CONTIGUOUS SIDEWALK SHALL BE CLASS "3" CONCRETE WHICH SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS. POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, O.A.E.

REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRUNET No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

CONTIGUOUS SIDEWALK DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 420
NTS

C 6-20 26



NOT TO SCALE

NOTE:

1. SUBGRADE TO BE 12" COMPACTED TO 90% OF MAXIMUM DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% +/-2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
2. WEAKENED PLANE JOINTS REQUIRED ON DRIVEWAY CENTER LINE.
3. FOR JOINTS DETAILS SEE COUNTY STD. DWG. 400
4. WIDTH AND LOCATION AS DIRECTED BY OWNER AND APPROVED BY THE COUNTY ENGINEER OR HIS REPRESENTATIVE.
5. ENCROACHMENT PERMIT REQUIRED FROM COUNTY PUBLIC WORKS DEPT. FOR DRIVEWAY. FOR FUTURE MAINTENANCE OF DRIVEWAY AND SIDEWALK IS THE RESPONSIBILITY OF FRONTING LANDOWNER.
6. ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS," INSTALLED AT ALL TIMES DURING USE, TO ADEQUATELY INSURE PUBLIC SAFETY.
7. CONCRETE SHALL CONTAIN 1-1/2 LBS POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, O.A.E.

REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRUNET No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

STANDARD DRIVEWAY ACCESS DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 410A
NTS

D 6-20 26

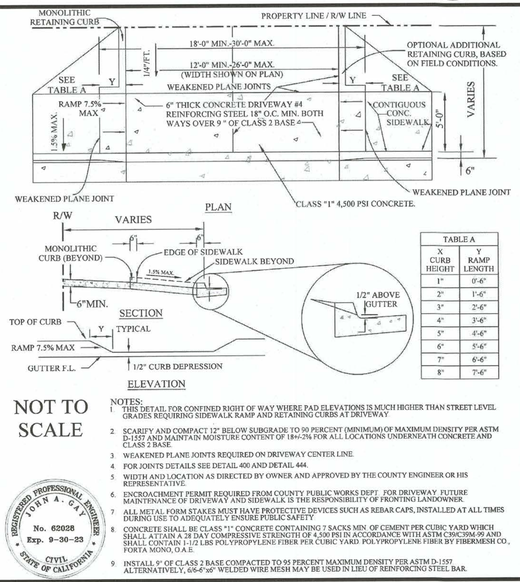


TABLE A	
X CURB HEIGHT	Y RAMP LENGTH
1"	0'-6"
2"	1'-6"
3"	2'-6"
4"	3'-6"
5"	4'-6"
6"	5'-6"
7"	6'-6"
8"	7'-6"

NOT TO SCALE

NOTES:

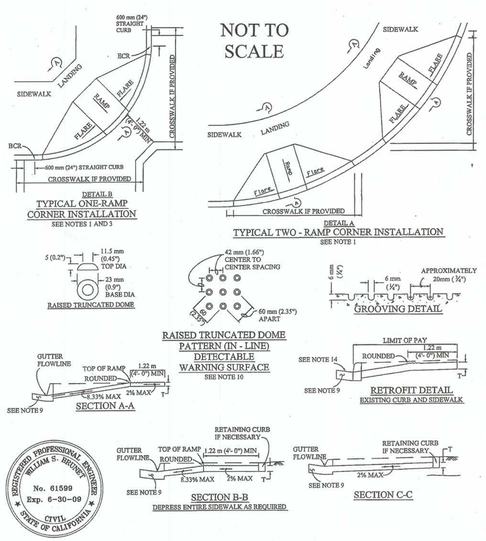
1. THIS DETAIL FOR CONFINED RIGHT OF WAY WHERE PAD ELEVATIONS IS MUCH HIGHER THAN STREET LEVEL GRADES REQUIRING SIDEWALK RAMP AND RETAINING CURBS AT DRIVEWAY.
2. SCARIFY AND COMPACT 12" BELOW SUBGRADE TO 90 PERCENT (MINIMUM) OF MAXIMUM DENSITY PER ASTM D-1557 AND MAINTAIN MOISTURE CONTENT OF 18+/-2% FOR ALL LOCATIONS UNDERNEATH CONCRETE AND CLASS 2 BASE.
3. WEAKENED PLANE JOINTS REQUIRED ON DRIVEWAY CENTER LINE.
4. FOR JOINTS DETAILS SEE DETAIL 400 AND DETAIL 444.
5. WIDTH AND LOCATION AS DIRECTED BY OWNER AND APPROVED BY THE COUNTY ENGINEER OR HIS REPRESENTATIVE.
6. ENCROACHMENT PERMIT REQUIRED FROM COUNTY PUBLIC WORKS DEPT FOR DRIVEWAY .FUTURE MAINTENANCE OF DRIVEWAY AND SIDEWALK IS THE RESPONSIBILITY OF FRONTING LANDOWNER.
7. ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS REBAR CAPS, INSTALLED AT ALL TIMES DURING USE TO ADEQUATELY ENSURE PUBLIC SAFETY
8. CONCRETE SHALL BE CLASS "1" CONCRETE CONTAINING 7 SACKS MIN. OF CEMENT PER CUBIC YARD WHICH SHALL ATTAIN A 28 DAY COMPRESSIVE STRENGTH OF 4,500 PSI IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS POLYPROPYLENE FIBER PER CUBIC YARD POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, O.A.E.
9. INSTALL 9" OF CLASS 2 BASE COMPACTED TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557. ALTERNATIVELY, 6/6-6"x6" WELDED WIRE MESH MAY BE USED IN LIEU OF REINFORCING STEEL BAR.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-23 CIVIL STATE OF CALIFORNIA

CONFINED RIGHT OF WAY DRIVEWAY ACCESS DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 410A-2
NTS

E 7,8,10,11,12,16,17 26

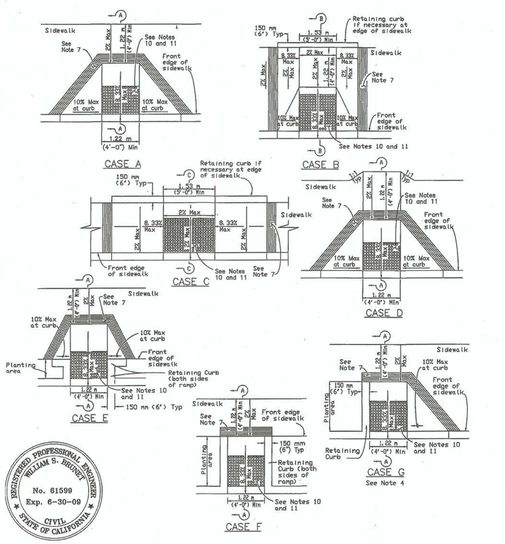


REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRUNET No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

PEDESTRIAN RAMP DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 414
NTS

F 7,10,19,20 26

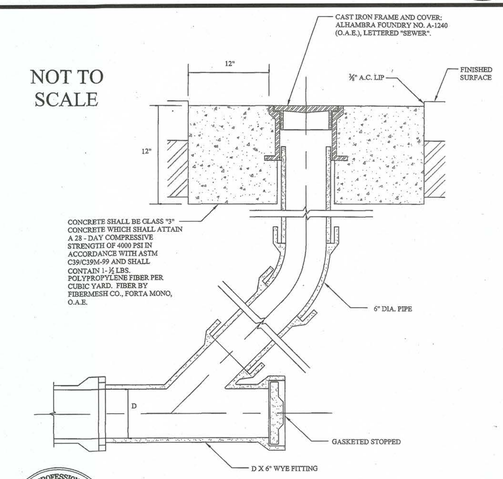


REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRUNET No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

PEDESTRIAN CURB RETURN DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 414
NTS

G 7,10,19, 20 26



NOT TO SCALE

NOTES:

1. CLEANOUT RING AND COVER SHALL BE RAISED TO FINISHED GRADE AND SUPPORT COLLAR INSTALLED AFTER PAVING OR FINE GRADING.
2. D= DIAMETER OF MAIN LINE PIPE.

REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRUNET No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

STANDARD CLEANOUT DETAIL

COUNTY OF IMPERIAL STD. DRW. NO. 223
NTS

H 12 26

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
DETAIL SHEET

REFERENCE
THG #542.134
SHEET 26 OF 33

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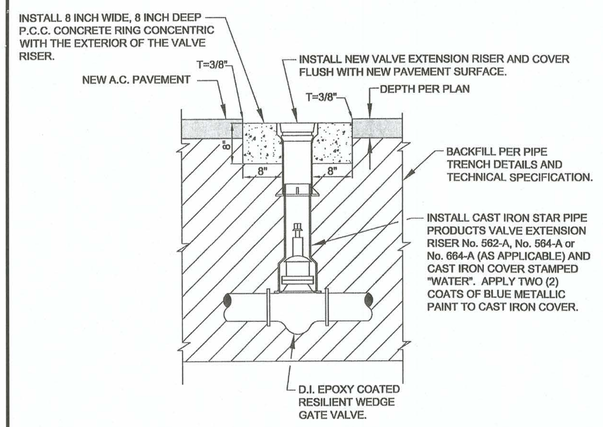


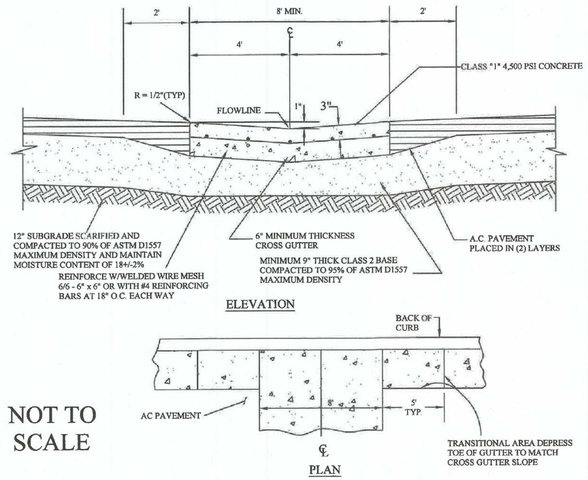
SEAL-ENGINEER

REGISTERED PROFESSIONAL ENGINEER JAMES G. HOLT No. 31773 Exp. 12-31-04 CIVIL STATE OF CALIFORNIA

TYPICAL PIPE RISERS DETAIL — I

HEBER PUBLIC UTILITY DISTRICT STD. DRW. NO. W-103 — 6,7,10,18,19,20 | 27

NTS



NOT TO SCALE

NOTES:

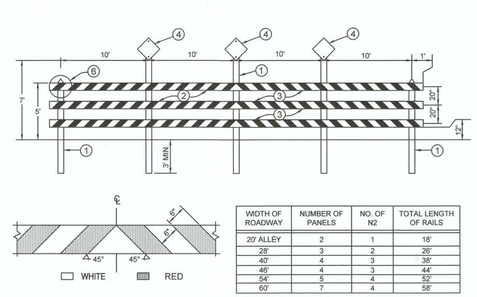
1. ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS REBAR CAPS INSTALLED AT ALL TIMES DURING USE TO ADEQUATELY ENSURE PUBLIC SAFETY.
2. MID-BLOCK CROSS GUTTER SHALL BE CLASS "1" CONCRETE CONTAINING 7 SACKS MIN. OF CEMENT PER CUBIC YARD WHICH SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 4500 PSI IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS. POLYPROPYLENE FIBER PER CUBIC YARD POLYPROPYLENE FIBER BY FIBERMESH CO., PORTA MONO, O.A.E.
3. THIS DETAIL MAY BE USED FOR OTHER SIMILAR APPLICATIONS SUCH AS CONCRETE RIBBON GUTTERS.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-23 CIVIL STATE OF CALIFORNIA

MID-BLOCK CROSS GUTTER DETAIL — J

COUNTY OF IMPERIAL STD. DRW. NO. 415 — 7,10,19,20 | 27

NTS



3 REFLECTIVE TAPE DETAIL

WIDTH OF ROADWAY	NUMBER OF PANELS	NO. OF N2	TOTAL LENGTH OF RAILS
20' ALLEY	2	1	18'
28'	3	2	26'
40'	4	3	38'
46'	4	3	44'
54'	5	4	52'
60'	7	4	58'

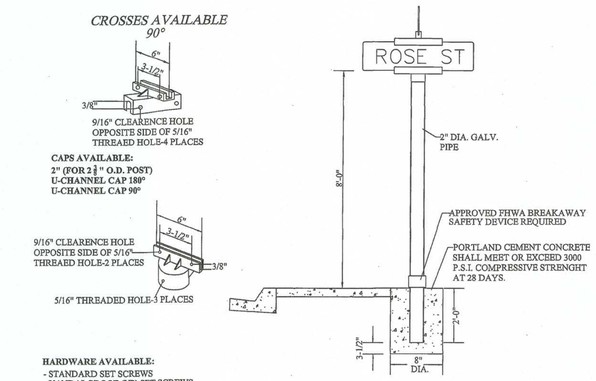
NOTE: WHEN RAILS ARE FACING IN TWO DIRECTIONS, THE SAME NUMBER OF REFLECTORIZED RAILS SHALL BE ON EACH SIDE.

NOTES:

1. POST IS TO BE 6" x 6" x VARIES, TIMBER S.4S.
2. THREE (3) CROSS PANELS TO BE 2" x 8" x VARIES, TIMBER S.4S.
3. REFLECTIVE TAPE CONSISTS OF REFLECTIVE DIAMOND GRADE SHEETING WITH HIGH TACK PRESSURE SENSITIVE ADHESIVE, WHITE AND RED TAPE WITH 6" WIDTH (SEE DETAIL ABOVE).
4. OBJECT MARKER RED TYPE N2 SIGN REFLECTOR SHALL CONFORM TO STATE OF CALIFORNIA STANDARD SPECIFICATION AND TO FHWA TYPE IIIA OR VISUAL IMPACT PERFORMANCE (VIP) REFLECTIVE SHEETING.
5. USE 3/8" DIAMETER, 4 1/4" LONG LAG BOLTS (GALVANIZED) FOR FASTENING ITEM 2 TO ITEM 1 (MINIMUM 4 BOLTS PER CONNECTION).
6. RAILS FACING TRAFFIC TO BE RELECTORIZED.
7. ALL TIMBER TO BE S.4S. WEATHER RESISTANT.

TEMPORARY WOODEN BARRICADE DETAIL — K

25 | 27



HARDWARE AVAILABLE:
- STANDARD SET SCREWS
- VANDAL PROOF (VP) SET SCREWS
- TS12 BOLTS AND SET SCREWS
- VANDAL PROOF BOLTS AND VP SET SCREWS

NOTE:
- SPECIAL MACHINING AVAILABLE
- O.D. (OUTSIDE DIAMETER OF POST)
- FOR SET SCREW APPLICATION 25-40 INCH POUNDS PRESSURE IS SUFFICIENT TO SECURE SIGN BLANK IN BRACKET.

REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRONDY No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

NOT TO SCALE

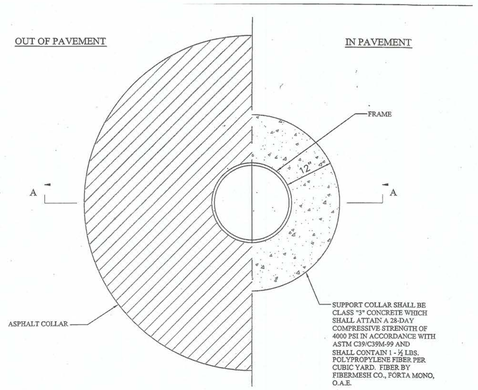
STREET SIGN NOTES:

1. THE STREET NAME SHALL CONSIST OF THE SPECIFIED POST, STREET NAME SIGN AND MOUNTING COMPLETELY INSTALLED AND PAINTED PER COUNTY ENGINEER'S SPECIFICATION AND BRAND.
2. STREET NAME SIGN SHALL BE A DOUBLE FACED FLAT BLADE HIGH INTENSITY GRADE, REFLECTIVE SHEETING SIZE 9"x24".
3. WHITE LETTERS 6" HIGH, SHALL INCLUDE BLOCK NUMBER.
4. BACKGROUND MATERIAL SHALL BE PORCELAIN GREEN WITH REFLECTIVE LETTERS, AND BORDER.
5. BACKGROUND MATERIAL AND LETTERS SHALL BE APPLIED BY MECHANICAL APPLICATION.
6. POST SHALL BE 2" IRON PIPE, GALV., 10'-0" LONG WITH ONE END FINISHED TO RECEIVE MOUNTING FITTINGS.
7. SIGN SHALL BE INSTALLED AT THE APPROACHING STREET INTERSECTION'S BEGINNING OF CURB RETURN UNLESS OTHERWISE NOTED ON THE PLAN.

SUBDIVISION STREET NAME SIGN DETAIL — L

COUNTY OF IMPERIAL STD. DRW. NO. 510A — 10,18,19,20 | 27

NTS



NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER WILLIAM S. BRONDY No. 61599 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

MANHOLE SUPPORT COLLAR DETAIL — M

COUNTY OF IMPERIAL STD. DRW. NO. 221 — 6-7,18-20 | 27

NTS

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

DETAIL SHEET

REFERENCE
THG #542.134
SHEET 27 OF 33

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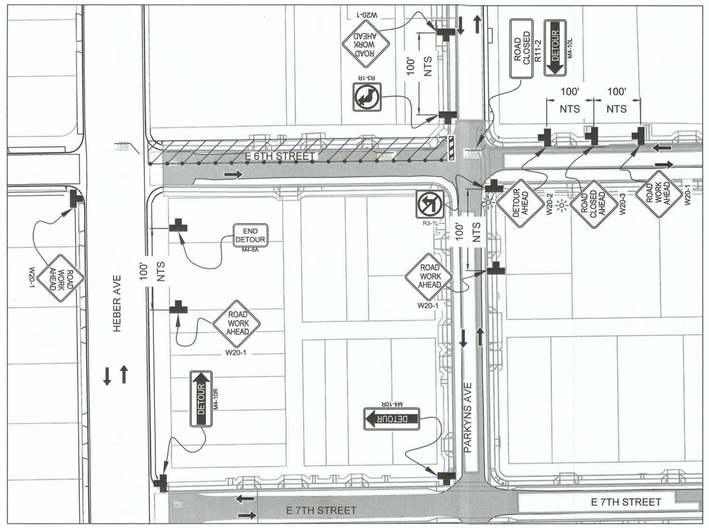
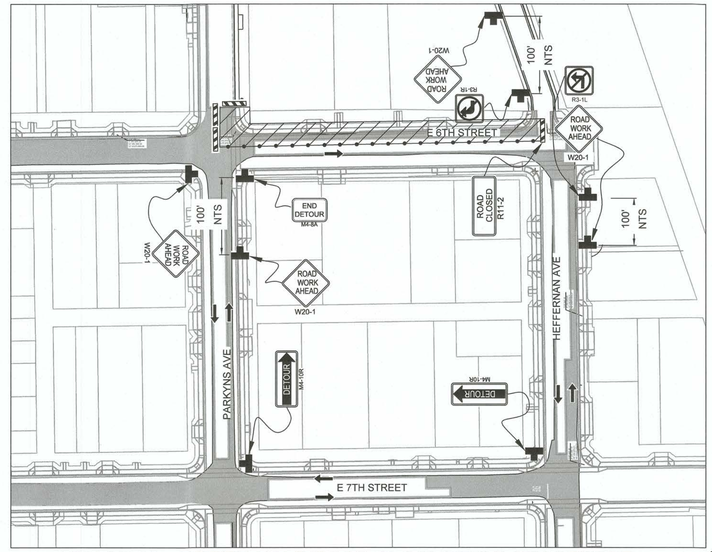


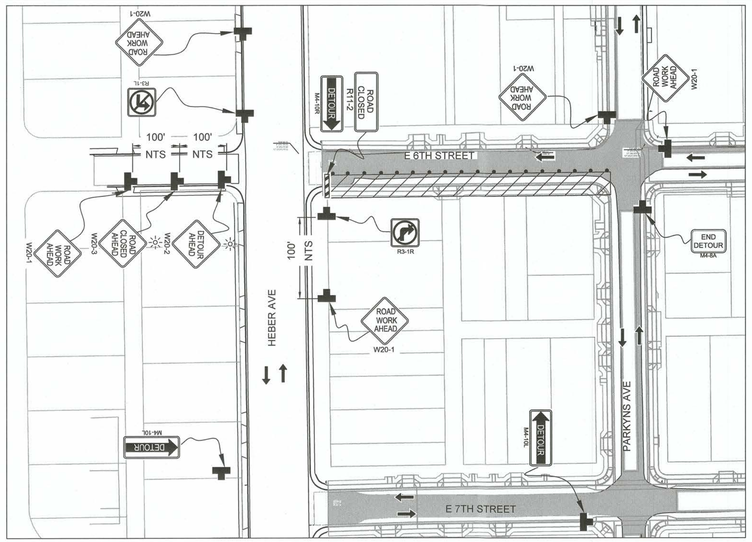
PHASE 1A - NORTH HALF ROAD CLOSURE OF 6TH STREET BETWEEN HEBER AVE AND PARKYNS AVE

NTS



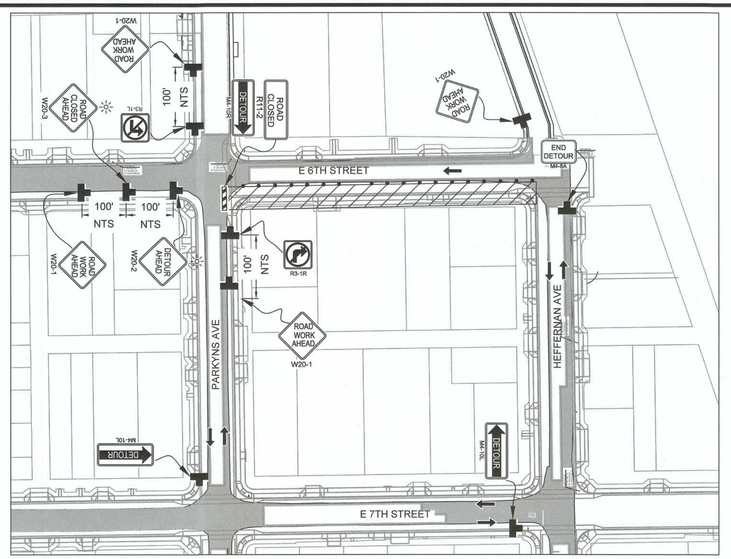
PHASE 2A - NORTH HALF ROAD CLOSURE OF 6TH STREET BETWEEN PARKYNS AVE AND HEFFERNAN AVE

NTS



PHASE 1B - SOUTH HALF ROAD CLOSURE OF 6TH STREET BETWEEN HEBER AVE AND PARKYNS AVE

NTS



PHASE 2B - SOUTH HALF ROAD CLOSURE OF 6TH STREET BETWEEN PARKYNS AVE AND HEFFERNAN AVE

NTS

GENERAL TRAFFIC CONTROL NOTES

1. ALL TRAFFIC CONTROL DEVICES FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF CALTRANS STANDARD PLANS AND SPECIFICATIONS AND CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) AND CA MUTCD SUPPLEMENT UNLESS SPECIFIED OTHERWISE.
2. TRAFFIC CONTROL SHOWN HEREIN IS THE MINIMUM REQUIRED. ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED TO FACILITATE PUBLIC SAFETY AND TRAFFIC FLOW IF DEEMED NECESSARY BY THE COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT REPRESENTATIVE, CALTRANS REPRESENTATIVE, OR THE RESIDENT ENGINEER. THESE CHANGES MAY BE ACCOMPLISHED IN THE FIELD.
3. TRAFFIC CONTROL DEVICES SHOWN ON PLANS ARE LOCATED APPROXIMATELY AND SHALL BE ADJUSTED AS REQUIRED TO MEET FIELD CONDITIONS. ALL SUCH CHANGES MADE DUE TO FIELD CONDITIONS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF CALTRANS STANDARD PLANS AND SPECIFICATIONS, CA MUTCD AND COUNTY OF IMPERIAL STANDARDS AND SPECIFICATIONS.
4. THROUGHOUT EACH WORK PERIOD, CONTRACTOR SHALL INSPECT TRAFFIC CONTROL (SIGNS, BARRICADES AND DELINEATORS) AND MAINTAIN SAME IN ACCORDANCE WITH TRAFFIC CONTROL PLANS.
5. ACCESS TO PRIVATE PROPERTY SHALL BE MAINTAINED AT ALL TIMES.
6. ALL SIGNS SHALL BE HIGH INTENSITY REFLECTIVE. ALL TRAFFIC CONTROL DEVICES SHALL BE REFLECTIVE WITH FLASHING LIGHTS FOR NIGHT TIME TRAFFIC CONTROL.
7. THE INTENSITY AND DISTRIBUTION OF LIGHT FROM EACH ILLUMINATED SIGNAL LENS SHOULD CONFORM TO THE CURRENT "STANDARDS FOR VEHICLE TRAFFIC CONTROL SIGNAL HEADS" AND "TRAFFIC SIGNAL LAMPS" (SEE SECTION 1A.11 OF LATEST VERSION OF CA MUTCD). IF A SIGNAL INDICATION IS OPERATED IN THE FLASHING MODE FOR NIGHTTIME OPERATION AND THE SIGNAL INDICATION IS SO BRIGHT AS TO CAUSE EXCESSIVE GLARE, SOME FORM OF AUTOMATIC DIMMING SHOULD BE USED TO REDUCE THE BRILLIANCE OF THE SIGNAL INDICATION.
8. REFER TO THE LATEST REVISION OF CA MUTCD AND CALTRANS STANDARD PLANS AND SPECIFICATIONS REGARDING THE NOTES FOR EACH TYPICAL APPLICATION CALLED OUT ON THIS PLAN.
9. CONTRACTOR SHALL INSPECT TRAFFIC CONTROL AT THE BEGINNING AND AT THE END OF EACH WORKING DAY TO ENSURE COMPLIANCE WITH THESE PLANS.
10. CONTRACTOR SHALL INSTALL ADA COMPLIANT TEMPORARY RAMPS BETWEEN THE EDGE OF THE EXISTING CURB RETURN/ HANDICAP RAMP AND EXCAVATED SURFACE AT THE END OF EACH WORK DAY.
11. CONTRACTOR SHALL INSTALL CLASS 2 BASE UP TO FINISHED GRADE ELEVATION AFTER SAWCUT AND REMOVAL OF EXISTING A.C. BARRIER CURB / A.C PAVEMENT SECTION / P.C.C. SIDEWALK. PRIOR TO OPENING THE LANE TO TRAFFIC.CONTRACTOR SHALL PLACE CLASS 2 BASE FROM THE EXISTING EDGE OF PAVEMENT TO THE EDGE OF THE SAWCUT AREA AT A SLOPE NO STEEPER THAN 6:1.
12. CONTRACTOR SHALL PROVIDE FLAG PERSONNEL AT THE INTERSECTION OF HWY 86 AND PARKYNS / HEFFERNAN AVENUE DURING WORK HOURS TO ASSIST PEDESTRIAN THROUGH WORK AREA AND ASSIST CROSSING SR-86. CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC CONTROL DEVICES ACCORDING TO CALTRANS STANDARD PLANS T30 TO T32 IF REQUIRED TO PROVIDE TEMPORARY PEDESTRIAN ACCESS AT ALL INTERSECTIONS AFFECTED BY THE PROPOSED CONSTRUCTION ACTIVITIES.
13. IF A PORTION OF THE CONSTRUCTION AREA IS OPEN AT THE END OF THE WORK DAY, EACH EXPOSED SECTION MUST BE COMPLETELY FILLED WITH CLASS 2 BASE MATERIAL AND SHOULDERED WITH BARRICADES AND TAPE OR AS APPROVED BY THE COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT REPRESENTATIVE.
14. ALL ADJACENT BUSINESSES, RESIDENCES, SCHOOLS AND CHURCHES SHALL BE DULY NOTIFIED BY THE CONTRACTOR, IN WRITING, OF HIS PROPOSED OPERATIONS. NOTICE SHALL BE DELIVERED AT LEAST TWO (2) WORKING WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPRODUCTION OF NOTIFICATION LETTERS. THE NOTIFICATION LETTERS SHALL BE WRITTEN IN ENGLISH AND SPANISH LANGUAGES. RE-NOTIFICATION WILL BE REQUIRED IF THE CONTRACTOR'S SCHEDULE IS ALTERED OR OTHER DELAYS OCCUR WHICH AFFECT THE PROJECT SCHEDULE.
15. IF CONSTRUCTION OCCURS DURING THE SCHOOL YEAR, CONTRACTOR SHALL NOTIFY IN WRITING TO THE HEBER ELEMENTARY SCHOOL DISTRICT OF THE PROPOSED ROAD CLOSURES AT LEAST TWO (2) WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL COORDINATE WITH THE SCHOOL DISTRICT ANY ADDITIONAL TRAFFIC CONTROL THAT MAY REQUIRED FOR SCHOOL BOUND PEDESTRIAN AND VEHICULAR TRAFFIC.
16. THE CONTRACTOR SHALL MAKE ACCOMMODATIONS TO ALLOW REGULARLY SCHEDULED SOLID WASTE DISPOSAL PICK UP ALONG THE AFFECTED STREET SECTIONS DURING THE PROJECT CONSTRUCTION PERIOD.
17. CONTRACTOR SHALL COVER EXISTING TRAFFIC SIGNS, TRAFFIC SIGNALS, OR PEDESTRIAN SIGNAL INDICATIONS SHOULD SAID CONTROLS CONFLICT WITH TEMPORARY TRAFFIC CONTROL PLAN OR AS DIRECTED BY THE COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT OR CALTRANS REPRESENTATIVE.
18. WHENEVER THE WORK CAUSES OBLITERATION OF PAVEMENT DELINEATION, TEMPORARY OR PERMANENT PAVEMENT DELINEATION SHALL BE IN PLACE PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC. LANE LINES AND CENTERLINE PAVEMENT DELINEATION SHALL BE PROVIDED AT ALL TIMES FOR TRAVELED WAYS OPEN TO THE PUBLIC TRAFFIC.
19. FLAGGERS SHALL BE CERTIFIED IN FLAGGING PROCEDURES. FLAGGERS SHALL COORDINATE THEIR EFFORTS AND STAY IN CONSTANT COMMUNICATION, VIA TWO WAY RADIOS, TO PREVENT EXCESSIVE QUEUING OF TRAFFIC AND TO PROVIDE SAFE AND SMOOTH OPERATION THROUGHOUT THE WORK ZONE.
20. ALL ADVANCED WARNING SIGNS SHALL BE EQUIPPED WITH FLAGS FLASHING YELLOW BEACONS, TYPE-B SHALL BE USED ON ALL W20-1, W20-2, C-19 SIGNS AND ON ALL TYPE-III AND TYPE-II BARRICADES GUARDING THE WORK AREA OVERNIGHT.

*** LATEST VERSION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) IS CA MUTCD 2014 ***
**** A COPY OF CA MUTCD 2014 CAN BE OBTAINED FROM "HTTPS://DOT.CA.GOV/-/MEDIA/DOT-MEDIA/PROGRAMS/SAFETY-PROGRAMS/DOCUMENTS/CA-MUTCD/REV8/CAMUTCD2014-REV8-ALL.PDF" ****

TRAFFIC CONTROL GENERAL NOTE:

1. TRAFFIC CONTROL DEVICES ILLUSTRATED ON THIS SHEET SHOW TRAFFIC CONTROL FOR ALL PHASES OF THE WORK ZONE OF THE HEBER DISTRICT. THE TRAFFIC CONTROL SHALL COMPLY WITH CALTRANS STANDARD PLANS T11 AND T19.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED AT THE CONCLUSION OF EACH MILLING AND PAVING ACTIVITIES.

TRAFFIC CONTROL LEGEND

ITEM NO.	ITEM DESCRIPTION	ITEM
1	CHANNELIZING DEVICE	
2	DIRECTION OF TRAFFIC	
3	TYPE III BARRICADE	
4	WARNING/REGULATORY SIGN	
5	WARNING LIGHT	
6	WORK AREA	

NOTE: THE CONTRACTOR SHALL MAINTAIN THE INGRESS AND EGRESS OF THE RESIDENTIAL AND BUSINESS ACCESS AT ALL TIMES DURING THE CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS RAMP(S) OR TRAVEL WAYS, IF NECESSARY.

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. DIRECTOR OF PUBLIC WORKS — 62028 R.C.E. No.
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
TRAFFIC CONTROL PLANS

REFERENCE
THG #542.134
SHEET 28 OF 33

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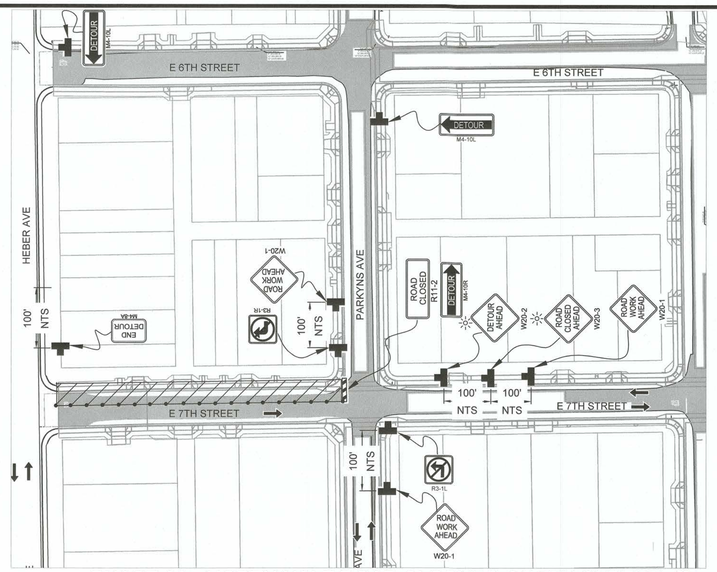
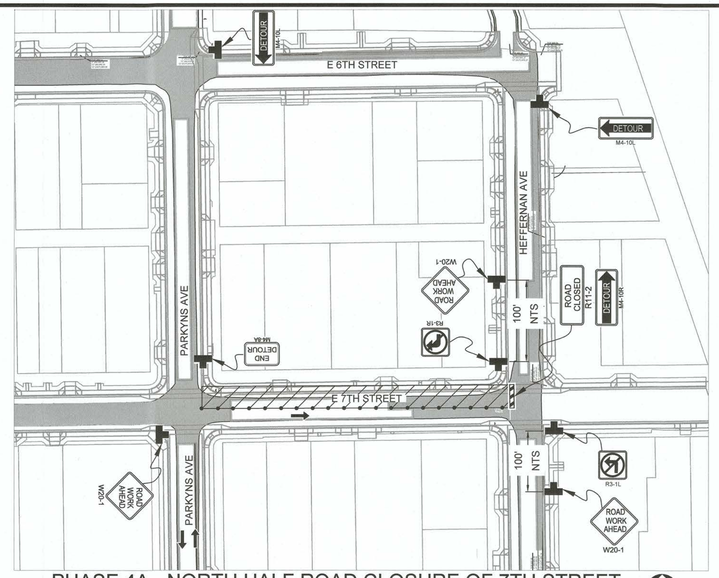


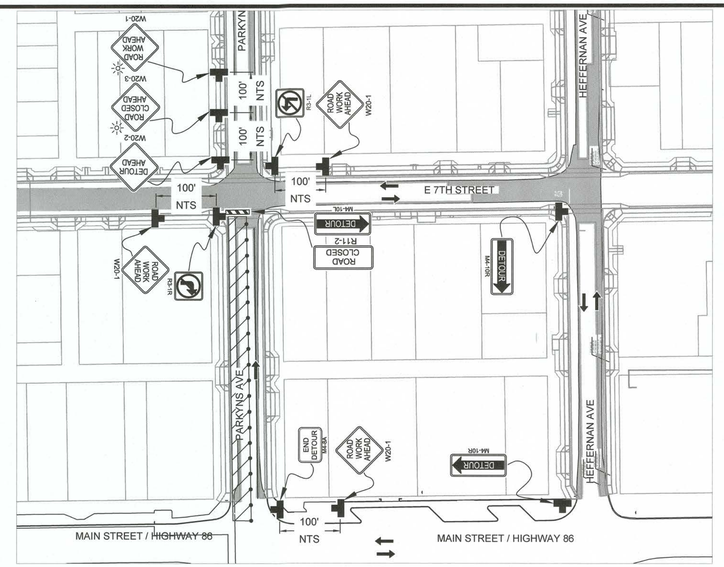
PHASE 3A - NORTH HALF ROAD CLOSURE OF 7TH STREET BETWEEN HEBER AVE AND PARKYNS AVE

NTS



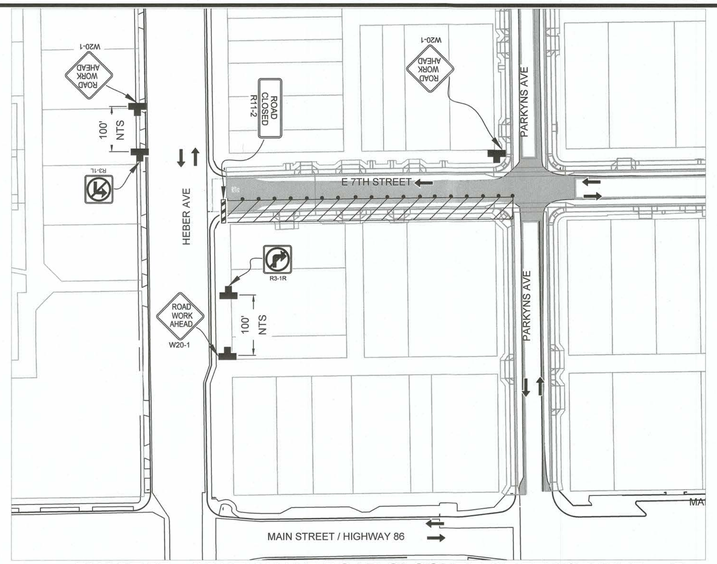
PHASE 4A - NORTH HALF ROAD CLOSURE OF 7TH STREET BETWEEN PARKYNS AVE AND HEFFERNAN AVE

NTS



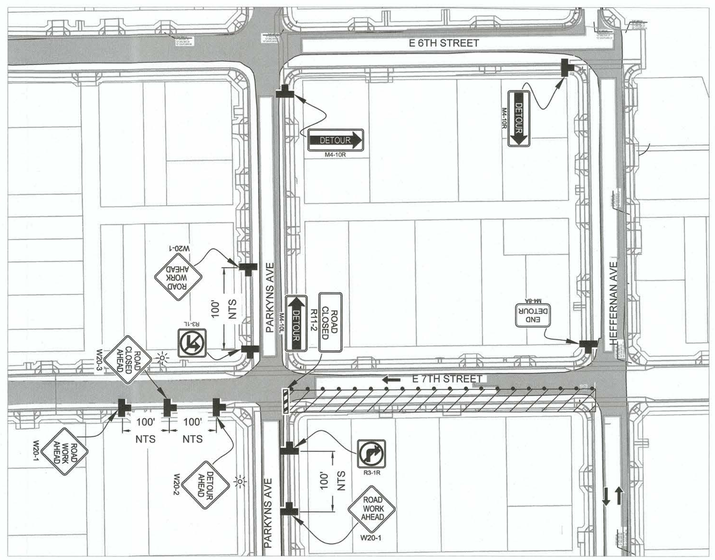
PHASE 5A - WEST HALF ROAD CLOSURE OF PARKYNS AVE BETWEEN MAIN ST AND E 7TH ST

NTS



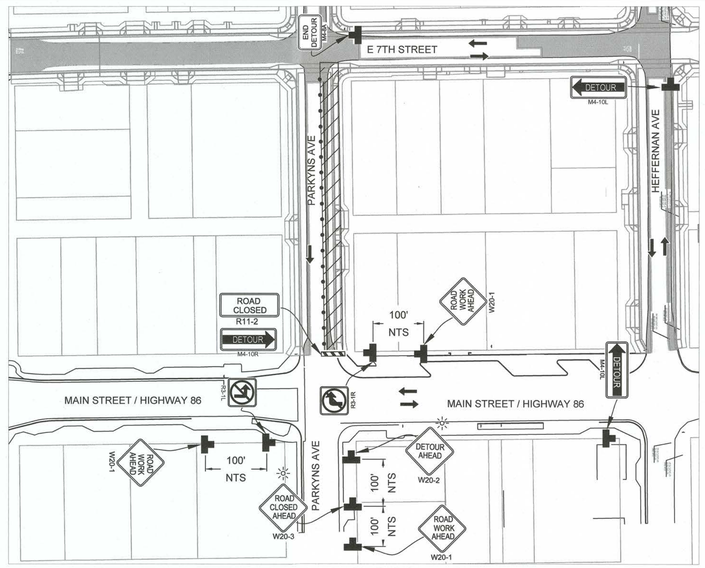
PHASE 3B - SOUTH HALF ROAD CLOSURE OF 7TH STREET BETWEEN HEBER AVE AND PARKYNS AVE

NTS



PHASE 4B - SOUTH HALF ROAD CLOSURE OF 7TH STREET BETWEEN PARKYNS AVE AND HEFFERNAN AVE

NTS



PHASE 5B - EAST HALF ROAD CLOSURE OF PARKYNS AVE BETWEEN MAIN ST AND E 7TH ST

NTS

TRAFFIC CONTROL LEGEND

ITEM NO.	ITEM DESCRIPTION	ITEM
1	CHANNELIZING DEVICE	
2	DIRECTION OF TRAFFIC	
3	TYPE III BARRICADE	
4	WARNING/REGULATORY SIGN	
5	WARNING LIGHT	
6	WORK AREA	

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:

ROLANDO SANCHEZ — 90701 R.C.E. No.

05/21/2025 DATE — 12/31/25 REG. EXP.

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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:

JOHN GAY, P.E. DIRECTOR OF PUBLIC WORKS — 62028 R.C.E. No.

6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

TRAFFIC CONTROL PLANS

REFERENCE

THG #542.134

SHEET 29 OF 33

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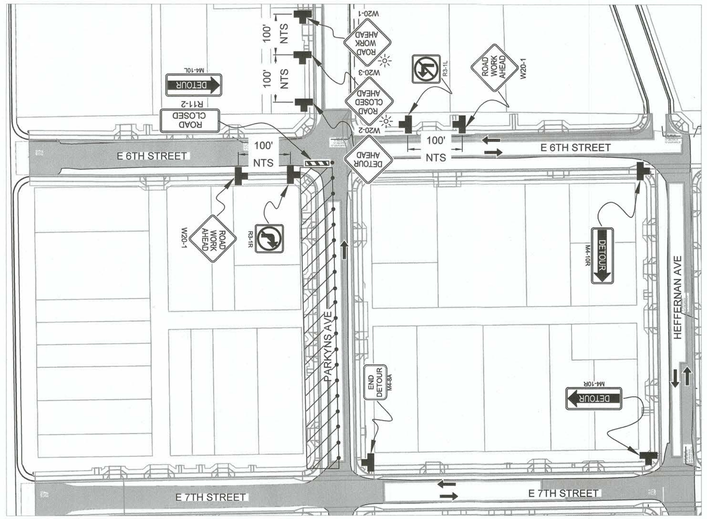
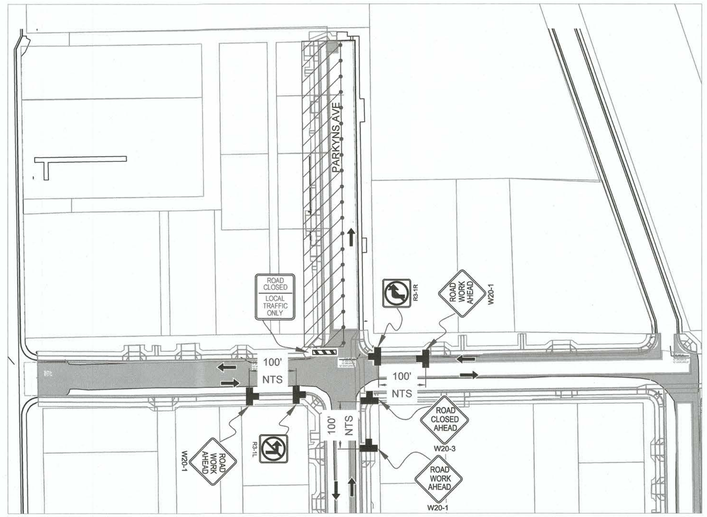


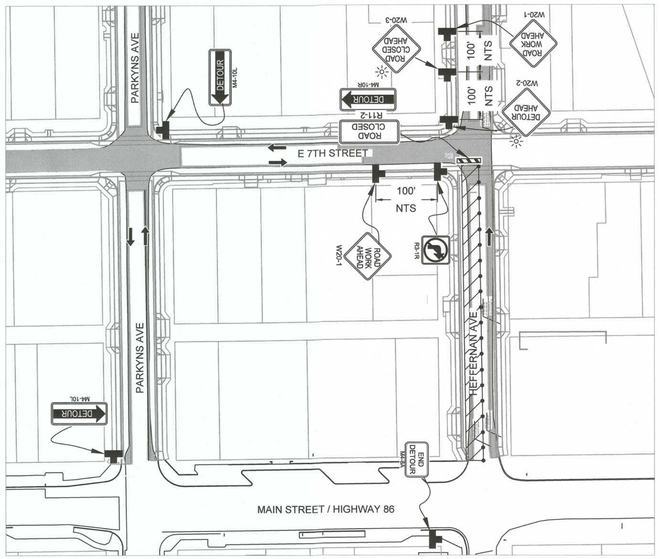
PHASE 6A - WEST HALF ROAD CLOSURE OF PARKYNS AVE BETWEEN MAIN ST AND E 6TH ST

NTS



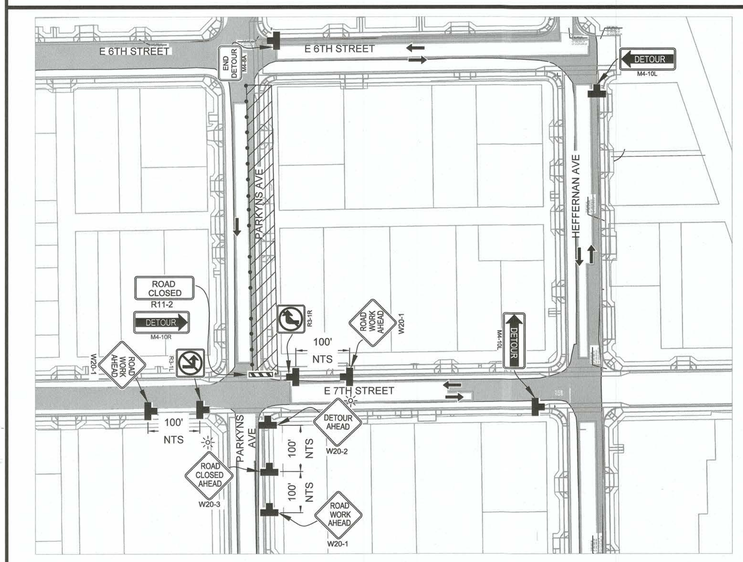
PHASE 7A - WEST HALF ROAD CLOSURE OF PARKYNS AVE NORTH OF E 6TH ST

NTS



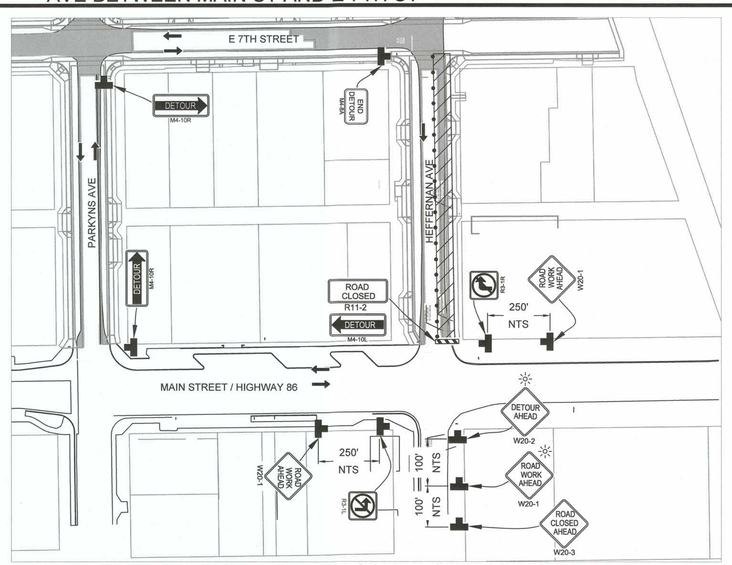
PHASE 8A - WEST HALF ROAD CLOSURE OF HEFFERNAN AVE BETWEEN MAIN ST AND E 7TH ST

NTS



PHASE 6B - EAST HALF ROAD CLOSURE OF PARKYNS AVE BETWEEN MAIN ST AND E 6TH ST

NTS



PHASE 8B - EAST HALF ROAD CLOSURE OF HEFFERNAN AVE BETWEEN MAIN ST AND E 7TH ST

NTS

TRAFFIC CONTROL LEGEND

ITEM NO.	ITEM DESCRIPTION	ITEM
1	CHANNELIZING DEVICE	
2	DIRECTION OF TRAFFIC	
3	TYPE III BARRICADE	
4	WARNING/REGULATORY SIGN	
5	WARNING LIGHT	
6	WORK AREA	

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

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05/21/2025 DATE — 12/31/25 REG. EXP.

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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT
APPROVED FOR CONSTRUCTION BY:

JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS

6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

TRAFFIC CONTROL PLANS

REFERENCE

THG #542.134

SHEET 30 OF 33

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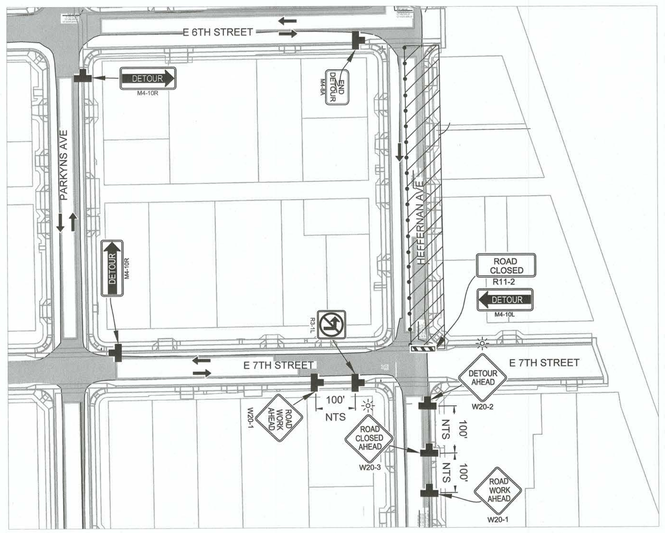
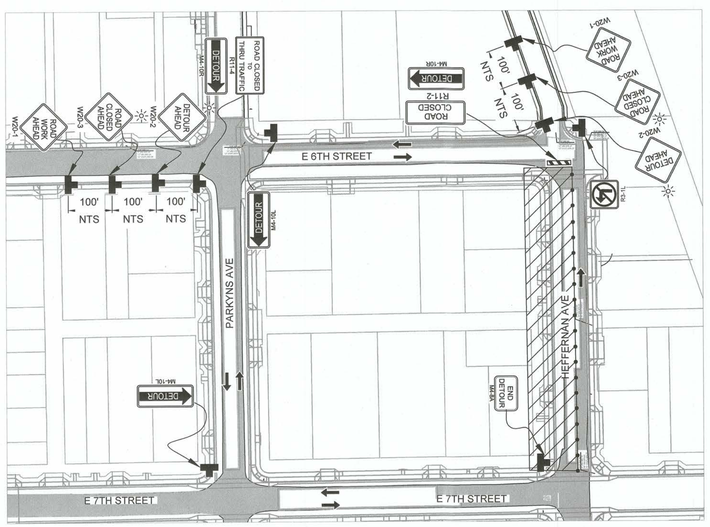


PHASE 9A - EAST HALF ROAD CLOSURE OF HEFFERNAN AVE BETWEEN E 7TH ST AND E 6TH ST

NTS



PHASE 9B - WEST HALF ROAD CLOSURE OF HEFFERNAN AVE BETWEEN E 7TH ST AND E 6TH ST

NTS

TRAFFIC CONTROL LEGEND

ITEM NO.	ITEM DESCRIPTION	ITEM
1	CHANNELIZING DEVICE	
2	DIRECTION OF TRAFFIC	
3	TYPE III BARRICADE	
4	WARNING/REGULATORY SIGN	
5	WARNING LIGHT	
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COUNTY OF IMPERIAL

EL CENTRO, CALIFORNIA

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COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II

TRAFFIC CONTROL PLANS

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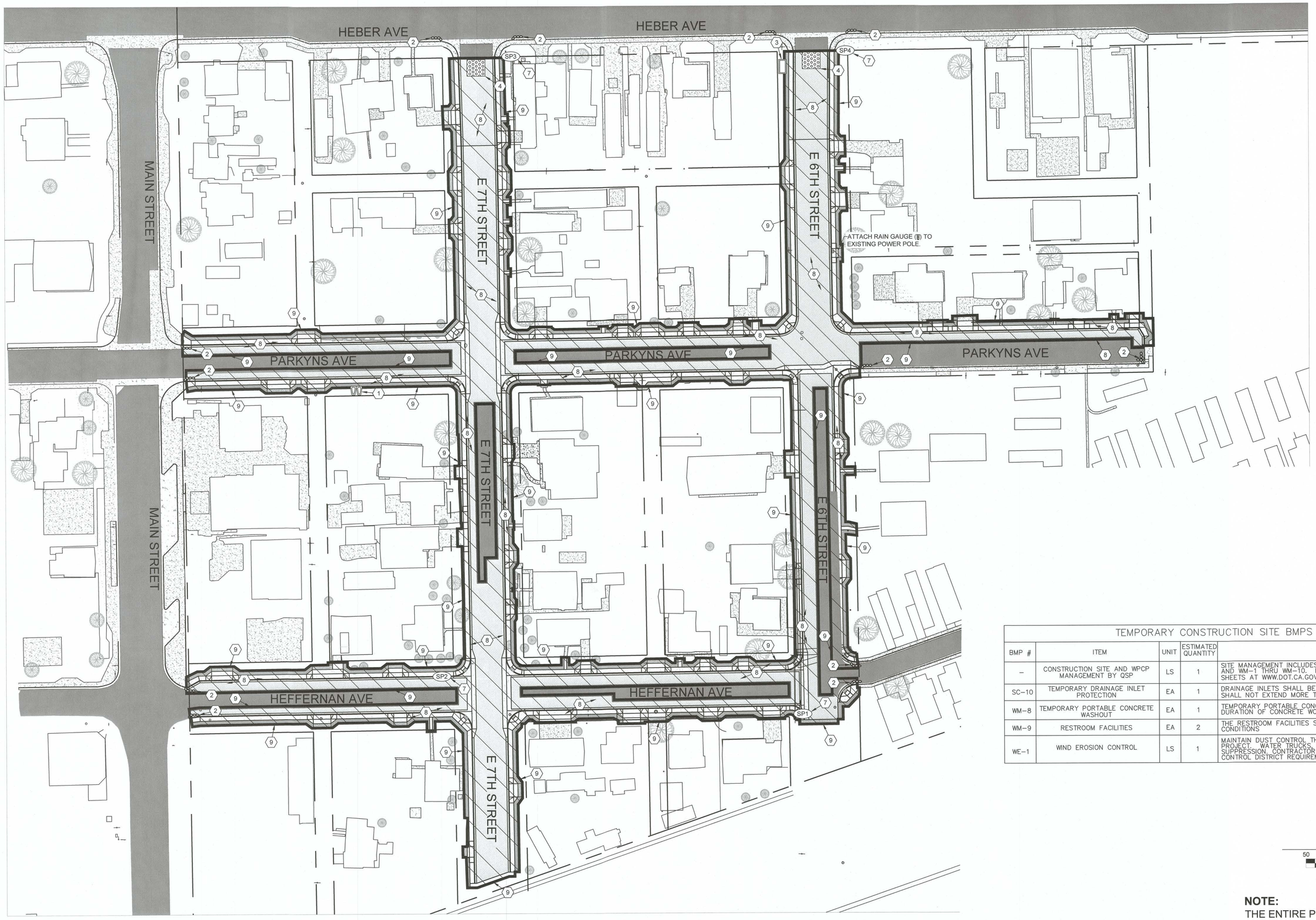

GENERAL EROSION CONTROL NOTES:

1. EROSION CONTROL PLAN INCLUDES ALL POSSIBLE BMPS FOR THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL APPLY APPROPRIATE BMPS FOR EACH PHASE OF CONSTRUCTION.
2. STREET SWEEPING (DURING MASS GRADING ACTIVITIES, STREETS WILL BE SWEPT AS NECESSARY TO PREVENT DIRT AND DUST FROM LEAVING THE CONSTRUCTION AREA).
3. CONTRACTOR SHALL PROVIDE ADEQUATE DUST SUPPRESSION TO MEET ALL COUNTY OF IMPERIAL AIR POLLUTION CONTROL DISTRICT REQUIREMENTS.
4. ALL BEST MANAGEMENT PRACTICES SHALL MEET THE REQUIREMENTS OF THE LATEST VERSION OF CALTRANS CONSTRUCTION SITE BMP FACT SHEETS.
5. SITE DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES.
6. NO SITE CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
7. GENERAL CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.

BMP KEYNOTES

1. CONTRACTOR SHALL LOCATE THE PORTABLE RESTROOM FACILITIES IN THE STAGING AREA. INSTALL TWO (2) PORTABLE RESTROOM FACILITIES. SEE DETAIL E5 FOR TYPICAL STAGING AREA ON SHEET 33.
2. INSTALL TWO (2) LAYER GRAVEL-FILLED BAGS. SEE DETAIL E3 ON SHEET 33.
3. INSTALL CONCRETE WASHOUT AREA. SEE DETAIL E4 ON SHEET 33.
4. INSTALL CONSTRUCTION ENTRANCE PER DETAIL E1 AND E5 ON SHEET 33.
5. INSTALL A RAIN GAUGE PER THE CALTRANS CONSTRUCTION SITE MONITORING PROGRAM GUIDANCE MANUAL.
6. INSTALL FIBER ROLLS PER DETAIL E2 ON SHEET 33.
7. SAMPLE POINT
8. WORK AREA
9. LIMITS OF CONSTRUCTION

LEGEND

- GRAVEL BAGS
- CONSTRUCTION ENTRANCE
- SAMPLE POINT (SP1)
- CONCRETE WASHOUT
- RAIN GAUGE
- PORTABLE RESTROOM
- LIMITS OF CONSTRUCTION
- WORK AREA

TEMPORARY CONSTRUCTION SITE BMPS

BMP #	ITEM	UNIT	ESTIMATED QUANTITY	NOTES
–	CONSTRUCTION SITE AND WPCP MANAGEMENT BY QSP	LS	1	SITE MANAGEMENT INCLUDES, BUT IS NOT LIMITED TO , NS–1, NS–8 THRU NS–10 AND WM–1 THRU WM–10. REFER TO CALTRANS CONSTRUCTION SITE BMP FACT SHEETS AT WWW.DOT.CA.GOV/HQ/CONSTRUC/STORMWATER/FACTSHEETS.HTM
SC–10	TEMPORARY DRAINAGE INLET PROTECTION	EA	1	DRAINAGE INLETS SHALL BE PROTECTED WITH GRAVEL BAGS. THE GRAVEL BAGS SHALL NOT EXTEND MORE THAN 2' INTO THE TRAVELED WAY.
WM–8	TEMPORARY PORTABLE CONCRETE WASHOUT	EA	1	TEMPORARY PORTABLE CONCRETE WASHOUT SHALL BE PROVIDED THROUGHOUT THE DURATION OF CONCRETE WORK BEING PERFORMED.
WM–9	RESTROOM FACILITIES	EA	2	THE RESTROOM FACILITIES SHALL BE SECURED FROM OVERTURNING IN HIGH WIND CONDITIONS
WE–1	WIND EROSION CONTROL	LS	1	MAINTAIN DUST CONTROL THROUGHOUT THE ENTIRE SITE FOR THE DURATION OF THE PROJECT. WATER TRUCKS, OR EQUIVALENT BMP, SHALL BE USED FOR DUST SUPPRESSION. CONTRACTOR SHALL OBSERVE COUNTY OF IMPERIAL AIR POLLUTION CONTROL DISTRICT REQUIREMENTS THROUGHOUT THE CONSTRUCTION PROJECT.

50 0 50 100 150
SCALE 1"= 50'

NOTE:
THE ENTIRE PROJECT AREA IS THE DRAINAGE AREA.

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

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ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

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COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. DIRECTOR OF PUBLIC WORKS — 62028 R.C.E. No.
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
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PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
EROSION CONTROL PLAN

REFERENCE
THG #542.134
SHEET 32 OF 33

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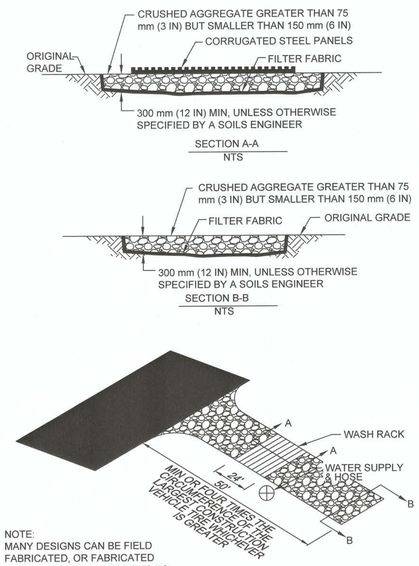
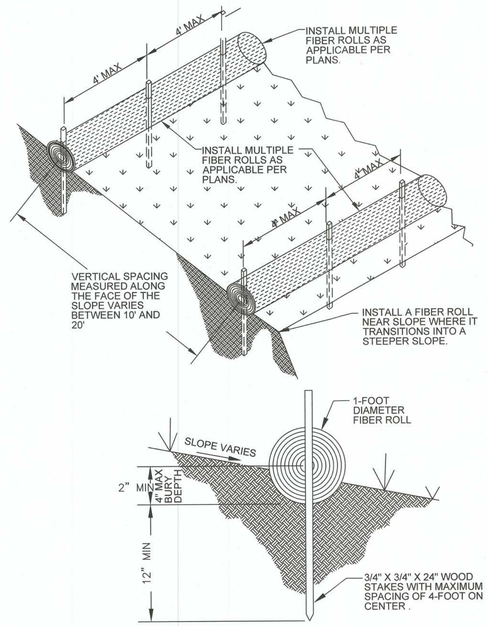


NOTE:
MANY DESIGNS CAN BE FIELD FABRICATED, OR FABRICATED UNITS MAY BE USED AS LONG AS DESIGN IS ADEQUATE FOR FULL LENGTH CONSTRUCTION TRUCK VEHICLES.

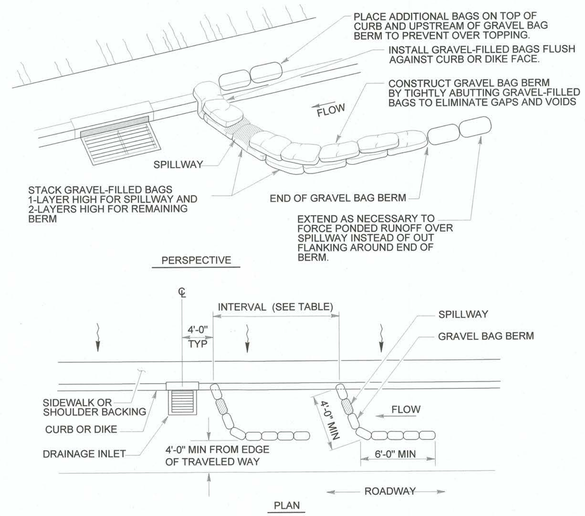
CONSTRUCTION ENTRANCE - DETAIL E1

NOT TO SCALE



TYPICAL FIBER ROLL INSTALLATION - DETAIL E2

NOT TO SCALE



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A) (GRAVEL BAG BERM)

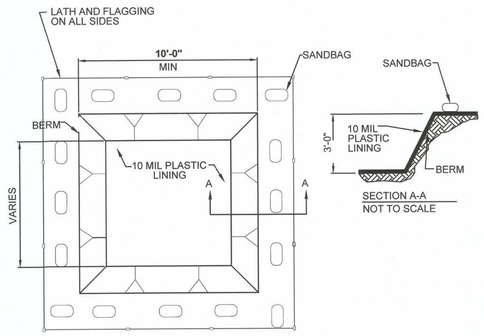
GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent

GRAVEL BAG DETAIL - DETAIL E3

NOT TO SCALE



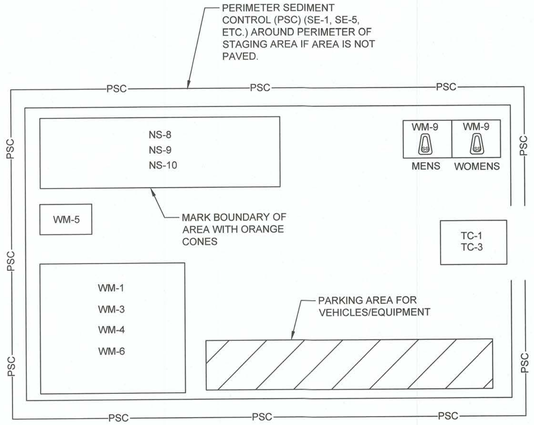
PLAN

TYPE "BELOW GRADE"
NOT TO SCALE

NOTE: CONTRACTOR SHALL USE A TEMPORARY WASHOUT AREA AT AREAS WHERE A PERMANENT CONCRETE WASHOUT IS NOT ALLOWED.

CONCRETE WASHOUT AREA - DETAIL E4

NOT TO SCALE



TYPICAL STAGING AREA LAYOUT

NOTES:
1. CONTRACTOR SHALL ADJUST THE LAYOUT OF STAGING AREA BASED ON PROJECT SITE CONDITIONS AS NECESSARY.
2. CONTRACTOR SHALL IMPLEMENT PERIMETER SEDIMENT CONTROL FOR STAGING AREA BASED ON PROJECT SITE CONDITIONS UPON THE APPROVAL OF THE RESIDENT ENGINEER.

LEGEND

SE-1	SILT FENCE
SE-5	FIBER ROLLS
NS-8	VEHICLE AND EQUIPMENT CLEANING
NS-9	VEHICLE AND EQUIPMENT FUELING
NS-10	VEHICLE AND EQUIPMENT MAINTENANCE
WM-1	MATERIAL DELIVERY AND STORAGE
WM-3	STOCKPILE MANAGEMENT
WM-4	SPILL PREVENTION AND CONTROL
WM-5	SOLID WASTE MANAGEMENT
WM-6	HAZARDOUS WASTE MANAGEMENT
WM-9	SANITARY/SEPTIC WASTE MANAGEMENT
TC-1	STABILIZED CONSTRUCTION ENTRANCE/EXIT
TC-3	TEMPORARY ENTRANCE/OUTLET TIRE WASH
WE-1	WIND EROSION CONTROL (TO BE IMPLEMENTED FOR UNPAVED/NATIVE AREAS STOCKPILE MANAGEMENT)

TYPICAL STAGING AREA - DETAIL E5

NOT TO SCALE

REVISION	DATE	COMMENTS

REGISTERED PROFESSIONAL ENGINEER ROLANDO SANCHEZ No. 90701 Exp. 12-31-25 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
ROLANDO SANCHEZ — 90701 R.C.E. No.
05/21/2025 DATE — 12/31/25 REG. EXP.

REGISTERED PROFESSIONAL ENGINEER JOHN A. GAY No. 62028 Exp. 9-30-25 CIVIL STATE OF CALIFORNIA

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT APPROVED FOR CONSTRUCTION BY:
JOHN GAY, P.E. — 62028 R.C.E. No.
DIRECTOR OF PUBLIC WORKS
6/4/25 DATE — 09/30/25 REG. EXP.

PUBLIC WORKS DEPARTMENT
COUNTY OF IMPERIAL
EL CENTRO, CALIFORNIA

DATE 04/11/2025
DRAWN RS
DESIGNED RS
SCALE 1" = 10'
CHECKED JGH

PROJECT TITLE
COUNTY OF IMPERIAL
HEBER TOWNSITE IMPROVEMENTS FOR VARIOUS ROADS - PHASE II
EROSION CONTROL PLAN DETAILS

REFERENCE

THG #542.134

SHEET 33 OF 33

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