



Bakersfield City School District

Maintenance, Operations and Facilities Department

1501 Feliz Drive
Bakersfield, California 93307
Office (661) 631-5883 Fax (661) 834-9986

Jason Sitton, Director I sittonj@bcsd.com

Leonard Zasoski Jr., Assistant Director II zasoskil@bcsd.com

Daniel Wastaferrero, Assistant Director II wastaferrero@bcsd.com

Juan Montelongo, Assistant Director II montelongoj@bcsd.com

April 01, 2025

To: All Bidders

Re: College Heights Elementary School Asphalt Replacement, Striping & Play Equipment Poles & Foundation Installation – Addendum No. 01

1. BCSD to remove irrigation as required for concrete curb placement.
2. Bid Package 01 to demo all backstops benches.
3. BCSD to patch cracks/crack filler at the basketball courts.
4. Bid Package 01 to provide an asphalt slurry coat at the basketball courts as part of the base bid.
5. Bid Package 03 to provide striping at the basketball courts as part of the base bid.
6. Bid Package 03 will re-install play equipment per the details provided.
7. Options for the student access path at the south end of the project along the chain link fence:
 - Option A
 - Provide an asphalt path for the Alternates 1&2 drawings. Increase the path to 7'-6" from the chain link fence to the inside face of curb.
 - Option B
 - Provide a 4" concrete path in lieu of an asphalt path as shown on the Alternates 1&2 drawings. Path width to be 5'-6" from the chain link fence to the inside face of curb. Include reinforcing steel 18" o.c. longitudinal and transverse. Follow the concrete specifications on the plans.
8. Attachments:
 - College Heights South Elevations
 - College Heights Alt. 1,2 Attachment P.1 Addendum 1
 -

Please date, sign and return this form via email to Brenda Orozco at orozcob@bcsd.com.

Date	Print Name	Signature
------	------------	-----------

Print Company Name

Sincerely,

Leonard Zasoski, Jr.
Assistant Director II
Maintenance, Operations and Facilities
Bakersfield City School District

PAVEMENT REPLACEMENT PLAN

COLLEGE HEIGHTS ELEMENTARY SCHOOL

2551 SUNNY LANE

BAKERSFIELD, CALIFORNIA

Attachment P.1

Addendum 1

Alternates 1 & 2

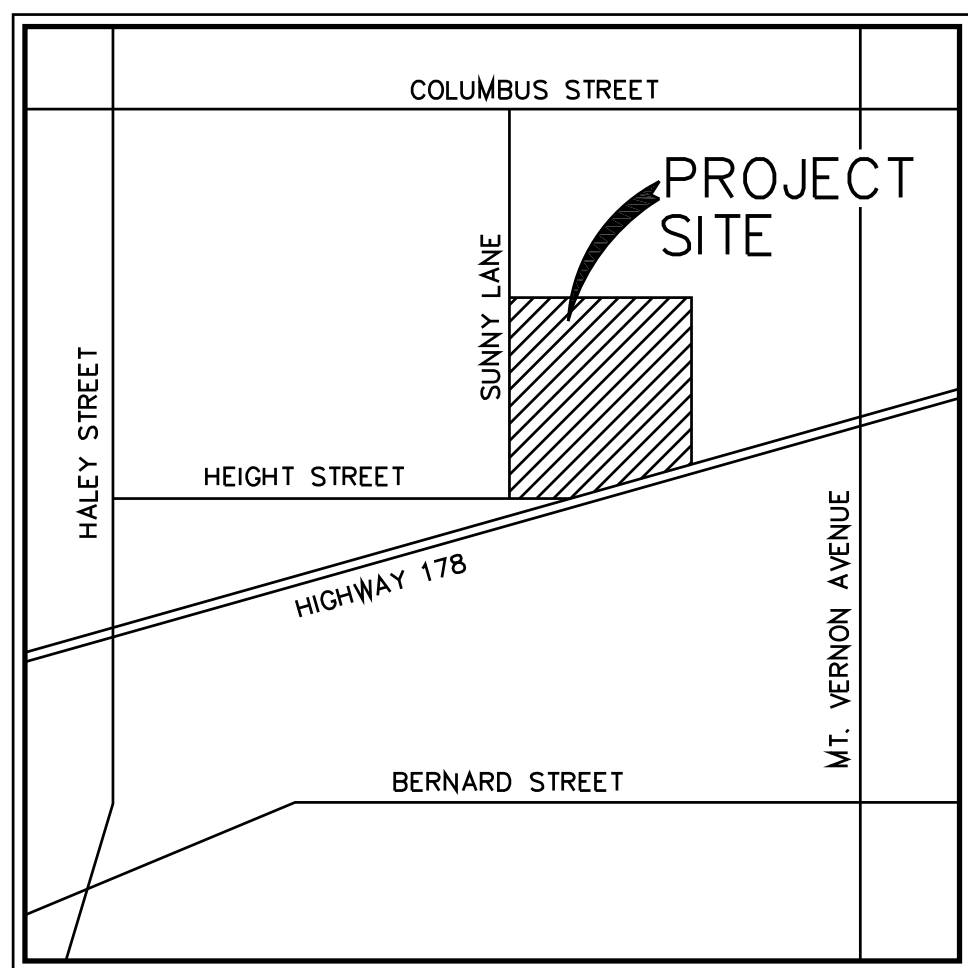
BENCHMARK USED
TOP OF NAIL SET IN PLAY FIELD AREA. (SEE KEY MAP)

ELEVATION = 550.00 FEET (ASSUMED DATUM)

CONTROL POINTS SET
NAILS SET IN TOP OF CONCRETE. VARIOUS LOCATIONS. (SEE KEY MAP)

ELEVATION = SEE PLAN VIEW

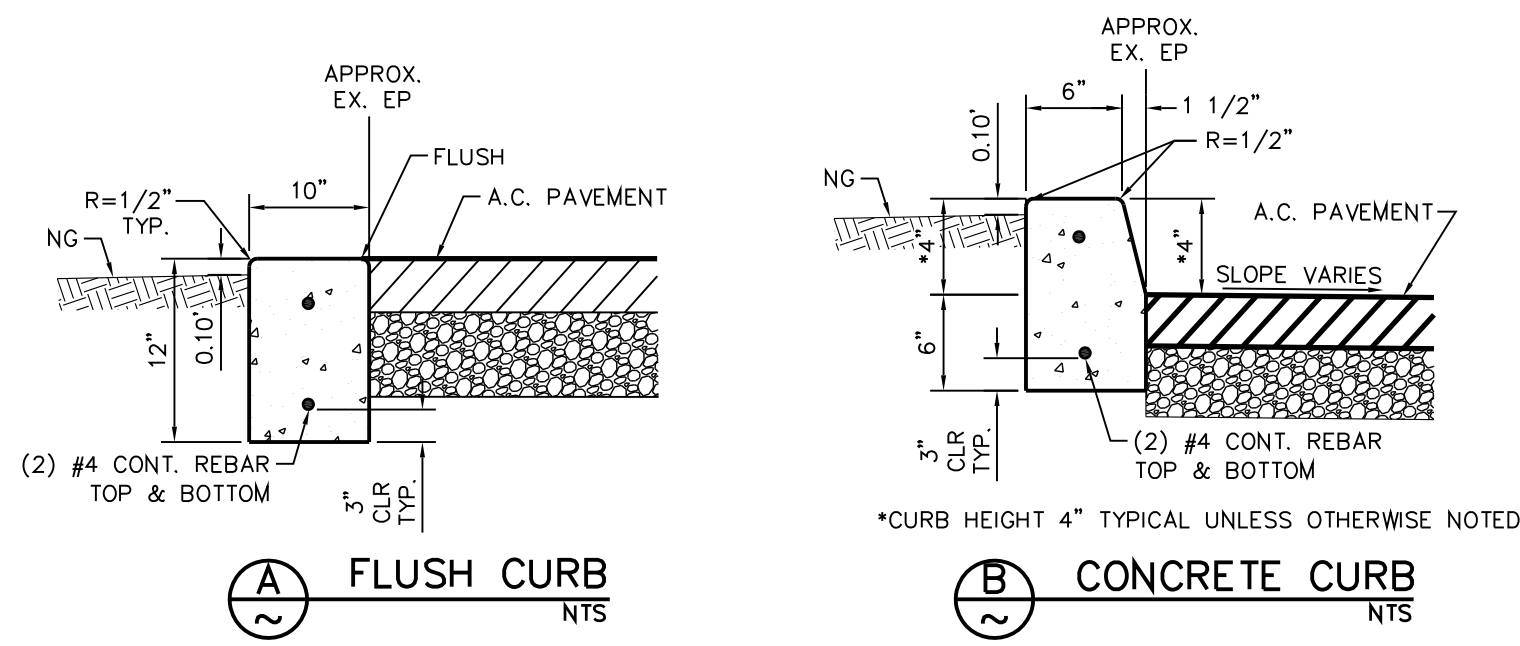
- ABBREVIATIONS**
TYPICAL ALL SHEETS UNLESS SUPERSEDED BY SHEET DEFINITION
- | | |
|------------|---|
| EX | EXISTING |
| FUT | FUTURE |
| FG | FINISHED GROUND |
| FS | FINISHED SURFACE |
| FP | FINISHED PAD |
| FF | FINISHED FLOOR |
| NG or OG | NATURAL/ORIGINAL GROUND |
| EP | EDGE OF ASPHALT CONCRETE PAVEMENT |
| AC | TOP OF ASPHALT CONCRETE PAVEMENT |
| AB | AGGREGATE BASE |
| ASB | AGGREGATE SUB-BASE |
| CL | CENTERLINE |
| DWY or D/A | DRIVEWAY OR DRIVE APPROACH |
| FL | FLOWLINE |
| GB | GRADE BREAK |
| TOG | TOP OF GRATE/CATCH BASIN INLET |
| TOC | TOP OF CONCRETE |
| CONC | CONCRETE |
| BW | BACK OF SIDEWALK |
| TC | TOP OF CURB |
| BCR | BEGIN CURB RETURN |
| ECR | END CURB RETURN |
| PI | POINT OF INTERSECTION |
| EC | END CURVE |
| BC | BEGIN CURVE |
| PVIC | VERTICAL CURVE POINT OF INTERSECTION |
| POVC | POINT ON VERTICAL CURVE |
| VC | VERTICAL CURVE |
| BVC | BEGIN VERTICAL CURVE |
| ETC | END VERTICAL CURVE |
| PVC | POINT OF REVERSE CURVE |
| PCC | POINT ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER. |
| MAX | MAXIMUM |
| MIN | MINIMUM |
| TYP | TYPICAL |
| EL or ELEV | ELEVATION |
| BDRY | BOUNDARY |
| R | RADIUS |
| AF | ACRE- FEET |
| LF | LINEAR FEET |
| EA | EACH |
| CY | CUBIC YARDS |
| ES&MT | EASEMENT |
| RW | RIGHT-OF-WAY |
| SD | STORM DRAIN |
| CB | CATCH BASIN |
| SWR | SANITARY SEWER |
| MH | MANHOLE |
| WTR | WTR |
| G | GAZ |
| REQ'D | REQUIRED |
- UNDERGROUND SERVICE ALERT
OF SOUTHERN CALIFORNIA
- DIAL TOLL FREE 1-800-227-2800
AT LEAST TWO DAYS BEFORE YOU DIG



VICINITY MAP
NO SCALE

- GENERAL NOTES**
- ALL CONSTRUCTION SHALL CONFORM TO THIS PLAN, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION, THE CALIFORNIA BUILDING CODE, AND CITY OF BAKERSFIELD ORDINANCE, LATEST EDITION, AND STANDARDS PERTAINING THERETO. THE CONTRACTOR SHALL OBTAIN A COMPLETE COPY OF EACH.
 - ALL CONSTRUCTION WITHIN THE CITY RIGHT-OF-WAY OR CITY EASEMENTS SHALL BE IN ACCORDANCE WITH THE PROPOSED CITY OF BAKERSFIELD STANDARDS AND STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION. THESE STANDARDS, DRAWINGS AND DETAILS SHALL BE CONSIDERED A PART OF THESE PLANS AND THE CONTRACTOR SHALL OBTAIN A COPY FOR HIS USE.
 - THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS BEFORE START OF CONSTRUCTION. AN OPEN STREET PERMIT SHALL BE OBTAINED FROM THE CITY OF BAKERSFIELD PUBLIC WORKS DEPARTMENT FOR ANY WORK TO BE PERFORMED IN THE EXISTING, ACCEPTED STREET RIGHT-OF-WAY, UNLESS SECURED BY AN IMPROVEMENT AGREEMENT, APPROVED INSURANCE AND SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN THE STREET RIGHT-OF-WAY SHALL BE POSTED PRIOR TO ISSUANCE OF A PERMIT.
 - 24 HOUR NOTICE: PRIOR TO THE START OF ANY PHASE OF CONSTRUCTION, THE CITY CONSTRUCTION INSPECTION SECTION SHALL BE GIVEN AT LEAST 24 HOURS NOTICE. THE SECTION MAY BE NOTIFIED AT (661) 326-3049.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING DIMENSIONS, DATA AND MEASUREMENTS AT THE BUILDING SITE PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. PORTER & ASSOCIATES, INC. MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
 - EXISTING UTILITY AND UNDERGROUND LINES HAVE BEEN SHOWN ON THIS PLAN ACCORDING TO AVAILABLE RECORDS. THE ENGINEER IS NOT RESPONSIBLE FOR POSSIBLE ERRORS OR OMISSIONS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO BEGINNING OF ANY WORK. UNDERGROUND SERVICE ALERT (U.S.A.: 811) SHALL BE CONTACTED AT LEAST TWO WORKING DAYS PRIOR TO ANY CONSTRUCTION OR EXCAVATION.
 - ANY EXISTING IMPROVEMENTS OR UTILITIES THAT ARE REMOVED, DAMAGED OR UNDERCUT BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED BY THE ENGINEER AND APPROVED BY THE GOVERNING AUTHORITY.
 - IF A PROBLEM OR CONFLICT SHOULD ARISE DURING THE COURSE OF THE PROJECT, IT IS THE RESPONSIBILITY OF THE OWNER OR THE CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO ANY FURTHER WORK.
 - THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND SUPERVISION NECESSARY FOR A COMPLETE AND FUNCTIONAL PRODUCT.
 - ALL WORK WHICH IS DEFECTIVE IN ITS CONSTRUCTION OR DEFICIENT IN ANY OF THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE REMEDIED, OR REMOVED AND REPLACED BY THE CONTRACTOR IN AN ACCEPTABLE MANNER, AND NO COMPENSATION WILL BE ALLOWED FOR SUCH CORRECTION.
 - IN THE EVENT CONSTRUCTION STAKING BASED ON THE CONSULTANT'S PLANS, DRAWINGS OR OTHER DOCUMENTS IS ACCOMPLISHED BY ANYONE OTHER THAN THE CONSULTANT, THE OWNER OR CONTRACTOR SHALL NOTIFY THE BUILDING OFFICIAL IN WRITING AS TO THE CHANGE OF ENGINEER IN RESPONSIBLE CHARGE.
 - THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING EROSION, SEDIMENTATION & DUST CONTROL PLAN AND STORM WATER POLLUTION PREVENTION PLAN IMPLEMENTATION AND THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
 - IF THE CONTRACTOR IS IN DOUBT AS TO THE MEANING OF ANY PART OF THE DRAWINGS AND SPECIFICATIONS OR FINDS DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS, HE SHALL SUBMIT A WRITTEN REQUEST FOR AN INTERPRETATION OR A CORRECTION THEREOF, PRIOR TO FILING HIS BID PRICE FOR THE PROJECT.
 - PORTER & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS, ANY AND ALL CHANGES TO THESE PLANS MUST BE APPROVED IN WRITING BY PORTER & ASSOCIATES, INC.
 - AN OPEN STREET PERMIT SHALL BE OBTAINED FROM THE CITY OF BAKERSFIELD PUBLIC WORKS DEPARTMENT FOR ANY WORK PERFORMED WITHIN EXISTING ACCEPTED STREET RIGHT OF WAY, UNLESS SECURED BY AN IMPROVEMENT AGREEMENT, SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN RIGHT OF WAY AND INSURANCE AS REQUIRED SHALL BE PROVIDED PRIOR TO ISSUANCE OF A PERMIT.
 - NO CITY INSPECTIONS WILL BE GIVEN FOR THE WORK IN THIS AREA UNTIL A SUBDIVISION PERMIT WITH APPROPRIATE SECURITY AND INSURANCE HAS BEEN OBTAINED.
 - ANY WORK CONNECTING TO EXISTING PUBLIC FACILITIES FROM PRIVATE PROPERTY WILL REQUIRE AN ENGINEER'S ESTIMATE FOR THE WORK IN THE EXISTING PUBLIC RIGHT-OF-WAY TO ESTABLISH THE NECESSARY DEPOSIT FOR A STREET PERMIT. (FOR TRACTS WITH PRIVATE STREETS, PARCEL MAP IMPROVEMENTS, OR PUBLIC TRACTS WITHOUT RECORDED MAPS).
 - ANY ITEMS IN PUBLIC RIGHT-OF-WAY THAT ARE DAMAGED OR DO NOT MEET CURRENT STANDARDS SET BY PUBLIC WORKS WILL REQUIRE REPAIRING AND/OR UPGRADING AS PER CITY ENGINEER.
- GRADING NOTES**
- ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THIS PLAN, APPENDIX J OF CALIFORNIA BUILDING CODE AS MODIFIED BY CITY OF BAKERSFIELD ORDINANCE. THESE DOCUMENTS SHALL BE MADE A PART HEREOF. THE CONTRACTOR SHALL OBTAIN A COMPLETE COPY OF EACH.
 - ALL DESIGN ELEVATIONS SHOWN ARE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
 - THE GEOTECHNICAL ENGINEER, DESIGN ENGINEER, AND BUILDING OFFICIAL SHALL BE NOTIFIED AT LEAST 2 DAYS BEFORE THE START OF ANY WORK AND PRIOR TO PLACING ANY FILL MATERIAL.
 - ALL GRADING WORK SHALL BE SUPERVISED AS "ENGINEERED GRADING" IN ACCORDANCE WITH THE BUILDING CODE. THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODES WITHIN HIS PURVIEW.
 - ANY TRENCHING TO BE DONE WITHIN THE PROJECT SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE PROPOSED C.O.B. STD. DWG. ST-12.
 - SITE PREPARATION AND GRADING SHALL BE DONE UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODES.
 - PURSUANT TO SECTION J104.6 OF THE CALIFORNIA BUILDING CODE AS MODIFIED BY CITY OF BAKERSFIELD ORDINANCE, SECTION J104.6 PARAGRAPH 12, IF THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER, OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE BUILDING OFFICIAL IN WRITING WITHIN 48 HOURS OF SUCH CHANGE AND PRIOR TO THE RECOMMENCEMENT OF GRADING.
 - THE CONTRACTOR SHALL PREVENT A DUST NUISANCE FROM ORIGINATING FROM THE SITE OF WORK AS A RESULT OF HIS OPERATIONS DURING THE EFFECTIVE PERIOD OF THIS CONTRACT. PREVENTATIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO MITIGATE THE IMPACT OF DUST AND PM10 EMISSIONS ACCORDING TO THE SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT REGULATION VIII (8), IN ADDITION TO ANY DUST CONTROL PLAN, THESE MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - PRE-ACTIVITY:
 - PRE-WATER SITE SUFFICIENT TO LIMIT VISIBLE DUST EMISSIONS (VDE) TO 20% OPACITY.
 - PHASE WORK TO REDUCE THE AMOUNT OF DISTURBED SURFACE AREA AT ANY ONE TIME.
- GRADING NOTES CONT.**
- DURING ACTIVE OPERATIONS:
 - APPLY WATER OR OTHER APPROVED SUBSTANCE SUFFICIENT TO LIMIT VDE TO 20% OPACITY
 - LIMIT ACTIVITY TO PERIODS OF LOW OR NO WIND, OR CONSTRUCT AND MAINTAIN WIND BARRIERS SUFFICIENT TO LIMIT VDE TO 20% OPACITY.
 - APPLY WATER OR OTHER APPROVED SUBSTANCE TO UNPAVED HAUL/ACCESS ROADS AND UNPAVED VEHICLE/EQUIPMENT TRAFFIC AREAS SUFFICIENT TO LIMIT VDE TO 20% OPACITY AND MEET THE CONDITIONS OF A STABILIZED UNPAVED ROAD SURFACE.
 - TEMPORARY STABILIZATION DURING PERIODS OF INACTIVITY:
 - RESTRICT VEHICULAR ACCESS TO THE AREA.
 - APPLY WATER OR OTHER APPROVED SUBSTANCE SUFFICIENT TO COMPLY WITH THE CONDITIONS OF A STABILIZED SURFACE. IF ANY AREA HAVING 0.5 ACRES OR MORE OF DISTURBED SURFACE AREA REMAINS UNUSED FOR SEVEN OR MORE DAYS, THE AREA MUST COMPLY WITH THE CONDITIONS FOR A STABILIZED SURFACE AREA AS DEFINED IN RULE 8011.
 - CARRYOUT AND TRACKOUT ON PUBLIC ROADS:
 - ALL VISIBLE CARRYOUT AND TRACKOUT WITHIN 50 FEET OF THE SITE SHALL BE REMOVED AT THE END OF EACH WORKDAY. TRACKOUT BEYOND 50 FEET OF THE SITE SHALL BE REMOVED IMMEDIATELY.
 - CLEANUP SHALL BE ACCOMPLISHED BY MANUAL SWEEPING OR APPROVED EQUIPMENT AND METHOD AS SPECIFIED BY THE SJVUAPCD.
 - THE USE OF BLOWER DEVICES OR DRY ROTARY BRUSHES OR BROOMS, FOR REMOVAL OF CARRYOUT AND TRACKOUT ON PUBLIC ROADS IS EXPRESSLY PROHIBITED.
 - ANY PERMITS REQUIRED FOR MUD AND DIRT CLEANUP SHALL BE OBTAINED BY THE CONTRACTOR.
9. IF DURING GRADING OR CONSTRUCTION, ANY PLUGGED, ABANDONED OR UNRECORDED WELLS ARE UNCOVERED OR DAMAGED, THE DEPARTMENT OF CONSERVATION/ DIVISION OF OIL GAS AND GEOTHERMAL RESOURCES SHALL BE CONTACTED TO INSPECT AND APPROVE ANY REMEDIATION.
10. IF DURING CONSTRUCTION ACTIVITIES OR GROUND DISTURBANCE, CULTURAL RESOURCES ARE UNCOVERED, THE CONTRACTOR SHALL STOP WORK AND RETAIN A QUALIFIED ARCHEOLOGIST FOR FURTHER STUDY. THE CONTRACTOR SHALL NOTIFY THE PROPER AUTHORITIES AND BE SUBJECT TO ANY MITIGATION MEASURES REQUIRED BY THE ARCHAEOLOGIST.
11. DURING GRADING, REASONABLE SEARCHING SHOULD BE PERFORMED FOR CONCEALED SUBSURFACE OBSTRUCTIONS. ALL ABANDONED SUBSURFACE OBSTRUCTIONS SHOULD BE REMOVED. IF THE TERMINUS OF ANY ABANDONED PIPING IS OUTSIDE THE PROJECT LIMITS, THE PIPING SHOULD BE REMOVED WITHIN THE PROJECT AND PROPERLY CAPPED AT THE PROJECT BOUNDARY.
12. ALL ONSITE OR OFFSITE OBSTRUCTIONS SHALL BE REMOVED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
13. THE SITE SHALL BE CLEARED AND GRUBBED OF ALL VEGETATION, INCLUDING ROOTS, LOOSE FILL, TRASH AND OTHER DELETERIOUS MATERIALS ACCORDING TO THE RECOMMENDATIONS OF THE GEOTECHNICAL INVESTIGATION. ANY HOLE OR VOIDS LEFT AFTER THE REMOVAL OF TREES, ROOTS, SEPTIC TANKS, ABANDONED FOUNDATIONS, PIPELINES OR THE LIKE, SHALL BE FILLED AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
14. GROUND SURFACES TO RECEIVE CONCRETE DRIVEWAYS AND BITUMINOUS PAVEMENTS SHOULD BE SCARIFIED AND COMPACTED TO A MINIMUM DEPTH OF 12 INCHES BELOW THE EXISTING GROUND SURFACE IN AREAS TO BE FILLED, UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL INVESTIGATION OR DIRECTED BY THE GEOTECHNICAL ENGINEER. COMPACTION IN PROPOSED PAVEMENT AREAS SHOULD BE TO A MINIMUM OF 95% OF THE MAXIMUM DENSITY AS OBTAINED BY ASTM TEST METHOD D1557-78, AND SHOULD EXTEND TO A MINIMUM DISTANCE OF 2 FEET BEYOND THE OUTSIDE EDGES OF PAVEMENTS. SURFACES TO RECEIVE CURBS, GUTTERS AND SIDEWALKS SHALL BE SCARIFIED AND COMPACTED TO A MINIMUM OF 90% OF THE MAXIMUM DENSITY TO A MINIMUM DEPTH OF 6 INCHES BELOW GROUND SURFACE.
15. PAD AREAS SHALL BE CLEARED OF ALL VEGETATION AND OTHER UNSUITABLE MATERIAL. SCARIFIED AND COMPACTED TO A MINIMUM DEPTH OF 12 INCHES BELOW THE EXISTING GROUND SURFACE IN AREAS TO BE FILLED OR 12 INCHES BELOW BOTTOM OF FOOTING OR 24 INCHES BELOW FINISH PAD IN CUT AREAS, UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL INVESTIGATION OR DIRECTED BY THE GEOTECHNICAL ENGINEER. COMPACTION IN PROPOSED AREAS ON THE SITE ON WHICH STRUCTURES ARE TO BE PLACED MUST BE COMPACTED TO 90% DENSITY FOR A MINIMUM DISTANCE OF 5 FEET BEYOND THE OUTSIDE EDGES OF THE FOUNDATIONS OF THE STRUCTURES.
- THE DEPTH OF OVEREXCAVATION AND COMPACTION IN PAD AREAS SHALL CONFORM TO THE RECOMMENDATION OF THE GEOTECHNICAL ENGINEERING INVESTIGATION. RE-COMPACTION OF OVER-EXCAVATED MATERIAL SHALL BE TO AT LEAST 90% OF MAXIMUM DRY DENSITY.
16. FLOODING, JETTING, OR SIMILAR CONSOLIDATION METHODS OF COMPACTION SHALL NOT BE PERMITTED.
17. THE GRADING CONTRACTOR SHALL GRADE THE PAVING AREAS TO WITHIN 0.1 FOOT OF SUBGRADE, IF SUCH AREAS SHOULD BE FOUND TO BE MORE THAN 0.1 FOOT FROM THE DESIGN SUBGRADE ELEVATION AFTER COMPLETION OF GRADING, THE GRADING CONTRACTOR SHALL RETURN AND CORRECT THE GRADING AT NO COST TO THE OWNER.
18. SURFACE DRAINAGE SHALL BE 1% MINIMUM, EXCEPT AS WAIVED BY THE BUILDING OFFICIAL.
19. ALL CUT AND FILL SLOPES SHALL BE 2:1 (2 HORIZONTAL TO 1 VERTICAL) OR FLATTER, UNLESS OTHERWISE NOTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.
20. FILL AREAS SLOPING STEEPER THAN 5:1 SHALL BE KEYED AND BENCHED TO SUPPORT FILL.
21. FILL SLOPES SHALL NOT TOE OUT WITHIN 12 FEET HORIZONTALLY OF THE TOP OF EXISTING OR PLANNED CUT SLOPES.
22. ALL SLOPES IN EXCESS OF 3 FEET IN VERTICAL HEIGHT SHALL BE PREPARED AND MAINTAINED TO CONTROL AGAINST EROSION.
23. FOR HILL-SIDE DEVELOPMENT, A BERM OR DRAINAGE SWALE SHALL BE CONSTRUCTED ALONG THE TOP OF ALL CUT AND FILL HILL-SIDE SLOPES TO PREVENT RUNOFF FROM GOING OVER THE SLOPE.
24. FILL MATERIAL SHALL BE SUBJECT TO THE GEOTECHNICAL ENGINEERS APPROVAL.
25. ENGINEERED FILL MATERIALS SHOULD BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. IF NO RECOMMENDATION EXISTS, FILL SHALL BE PLACED IN THIN LAYERS LESS THAN 6 INCHES IN UNCOMPACTED THICKNESS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (OR A MOISTURE CONTENT COMMENSURATE WITH EFFECTIVE COMPACTION AND SOIL STABILITY). ENGINEERED FILL MATERIALS SHOULD BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY AS DETERMINED BY APPROVED METHOD THE CURRENT CALIFORNIA BUILDING CODE AND CERTIFIED BY TESTS AND REPORTS FROM THE GEOTECHNICAL ENGINEER.
26. ANY CUT AND FILL QUANTITIES SHOWN ON THIS PLAN ARE FOR PERMIT PURPOSES ONLY. THE ENGINEER MAKES NO WARRANTY EITHER DIRECT OR IMPLIED THAT THIS WILL BE THE ACTUAL COMPACTION FACTOR. THE CONTRACTOR SHALL, AFTER EXAMINING THE PLAN, GEOTECHNICAL INVESTIGATION AND THE SITE TERRAIN, PREPARE HIS BID PRICE FOR THE PROJECT, BASED ON HIS OWN EARTHWORK CALCULATIONS. IF A DEFICIENCY OR AN EXCESS OF SOIL ARISES DURING GRADING, THE GRADING CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER, WHO SHALL DETERMINE IF ADJUSTMENTS CAN BE MADE TO IMPROVE THE BALANCE BETWEEN CUT AND FILL.
27. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE BORROW SITE WITH THE BUILDING OFFICIAL AND THE SOILS ENGINEER PRIOR TO PULLING THE GRADING PERMIT.
28. EXPORT MATERIAL SHALL BE DISPOSED OF AT AN APPROVED SITE THAT IS COORDINATED WITH THE BUILDING OFFICIAL PRIOR TO PULLING THE GRADING PERMIT.
29. MAXIMUM SLOPE RATIO FROM BACK OF SIDEWALK TO FACE OF WALL OR STRUCTURE SHALL BE 4:1, EXCEPT FOR TWO FEET BEHIND THE SIDEWALK WHERE THE MAXIMUM SLOPE SHALL BE 2%. ALTERNATIVELY, THE CITY ENGINEER MAY APPROVE CURBING BEHIND THE SIDEWALK OR OTHER METHOD TO PREVENT EROSION ONTO THE SIDEWALK.

- GRADING NOTES CONT.**
- IT IS THE RESPONSIBILITY OF THE DEVELOPER AND THE CONTRACTOR TO
 - FAMILIARIZE THEMSELVES WITH THE FOREGOING RECOMMENDATIONS,
 - NOTIFY THE ENGINEER WHEN SITE PREPARATION BEGINS AND BEFORE THE PLACEMENT OF FILLS, AND
 - INFORM THE ENGINEER OF ITEMS ENCOUNTERED DURING EARTHWORK OPERATIONS WHICH MIGHT EFFECT FOUNDATION STABILITY, SO THAT THE ITEMS MAY BE TREATED UNDER THE ENGINEER'S DIRECTION. (THESE ITEMS MIGHT INCLUDE BURIED TRASH OR VEGETATION, PIPELINES, ABANDONED WELLS, OLD FILLS, ETC.)
 - UPON COMPLETION OF GRADING AND BEFORE THE START OF CONSTRUCTION, A FINAL GEOTECHNICAL INVESTIGATION COVERING THE SITE PREPARATION AND GRADING SHALL BE SUBMITTED TO THE ENGINEER AND BUILDING DEPARTMENT BY THE GEOTECHNICAL ENGINEER.
- AFTER COMPLETION OF THE GRADING, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, ON A FORM PRESCRIBED BY THE ENGINEER, A STATEMENT THAT THE GRADING HAS BEEN COMPLETED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS FOR THE PROJECT, INCLUDING ALL RECOMMENDATIONS AND REQUIREMENTS OF THE GEOTECHNICAL INVESTIGATION FOR THE PROJECT, IF ANY.



SHEET INDEX

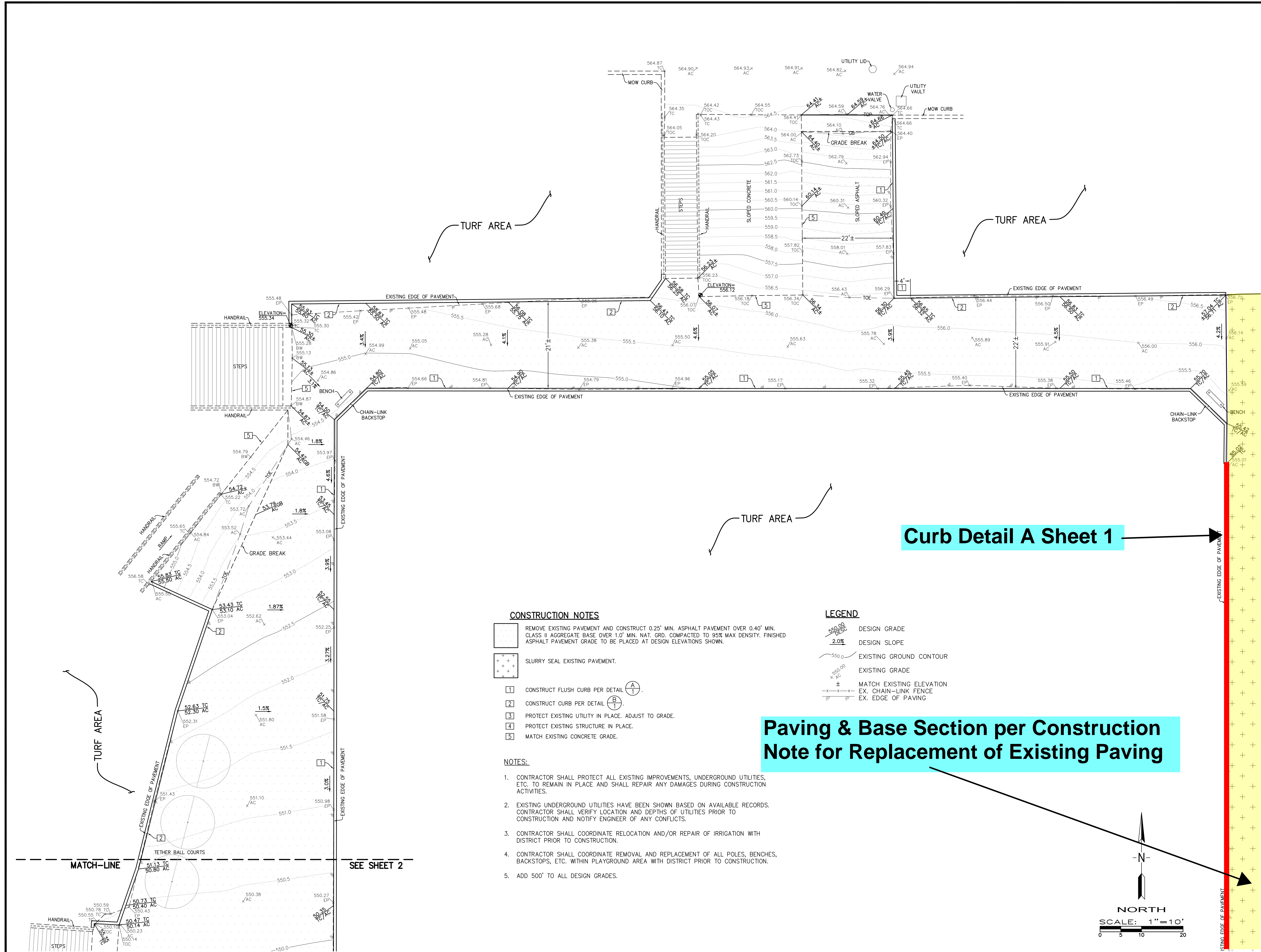
- TITLE SHEET
- NORTH PORTION
- SOUTH PORTION
- SLURRY AREA



KEY MAP
1"=50'

PAVEMENT REPLACEMENT PLAN
COLLEGE HEIGHTS
ELEMENTARY SCHOOL
TITLE SHEET & NOTES

REVISIONS			
DATE	03/14/2025		
PA JOB No.	3350		
SHEET	1		
OF	4	SHEETS	



CONSTRUCTION NOTES

- REMOVE EXISTING PAVEMENT AND CONSTRUCT 0.25' MIN. ASPHALT PAVEMENT OVER 0.40' MIN. CLASS II AGGREGATE BASE OVER 1.0' MIN. NAT. GRD. COMPACTED TO 95% MAX DENSITY. FINISHED ASPHALT PAVEMENT GRADE TO BE PLACED AT DESIGN ELEVATIONS SHOWN.
- SLURRY SEAL EXISTING PAVEMENT.
- CONSTRUCT FLUSH CURB PER DETAIL (A).
- CONSTRUCT CURB PER DETAIL (B).
- PROTECT EXISTING UTILITY IN PLACE. ADJUST TO GRADE.
- PROTECT EXISTING STRUCTURE IN PLACE.
- MATCH EXISTING CONCRETE GRADE.

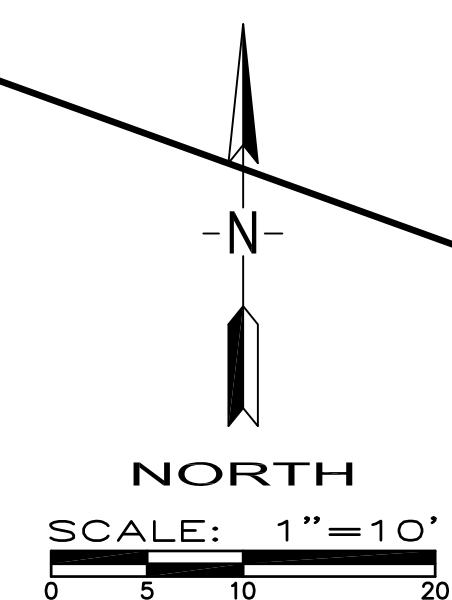
NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNDERGROUND UTILITIES, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING CONSTRUCTION ACTIVITIES.
- EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL COORDINATE RELOCATION AND/OR REPAIR OF IRRIGATION WITH DISTRICT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE REMOVAL AND REPLACEMENT OF ALL POLES, BENCHES, BACKSTOPS, ETC. WITHIN PLAYGROUND AREA WITH DISTRICT PRIOR TO CONSTRUCTION.
- ADD 500' TO ALL DESIGN GRADES.

LEGEND

- DESIGN GRADE
- DESIGN SLOPE
- EXISTING GROUND CONTOUR
- EXISTING GRADE
- MATCH EXISTING ELEVATION
- EX. CHAIN-LINK FENCE
- EX. EDGE OF PAVING

Paving & Base Section per Construction Note for Replacement of Existing Paving



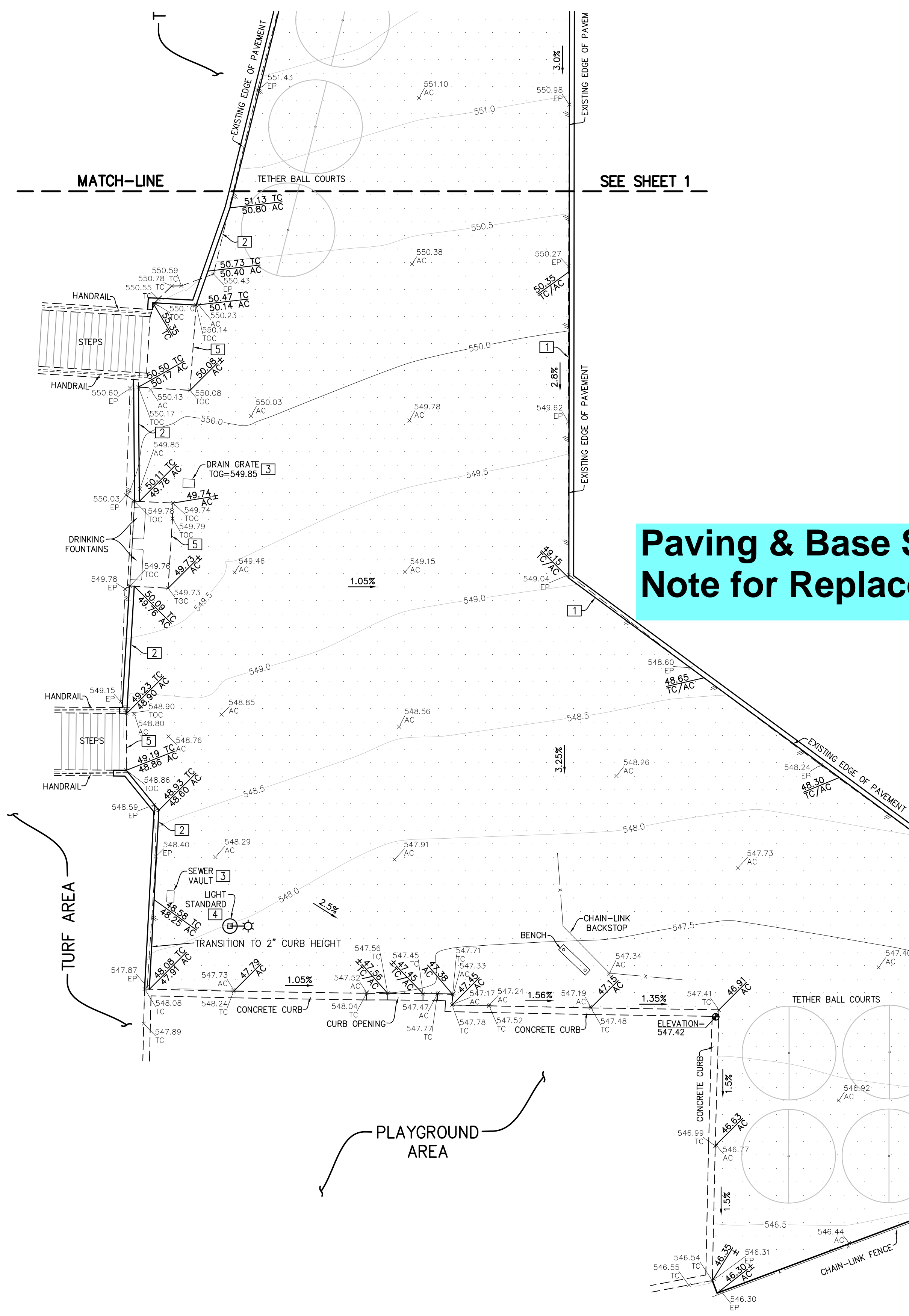
SEE SHEET 4

Addendum 1 Attachment P.1

PAVEMENT REPLACEMENT PLAN
COLLEGE HEIGHTS
ELEMENTARY SCHOOL
NORTH PORTION

REVISIONS			
DATE	03/14/2025		
PA JOB No.	3350		
SHEET	2		
OF 4 SHEETS			

Alternates 1 & 2

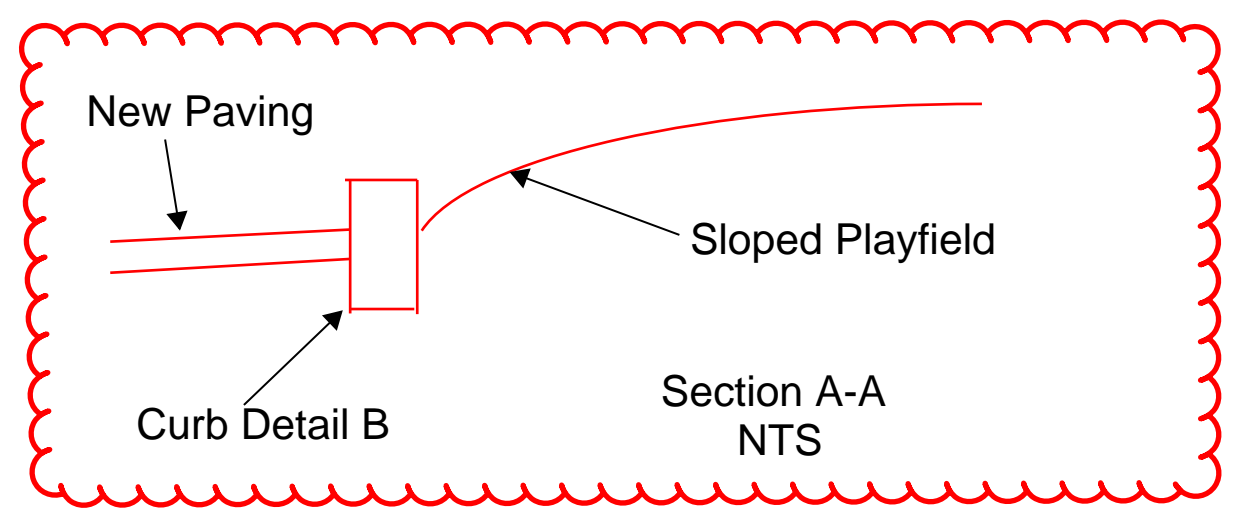


CONSTRUCTION NOTES

- REMOVE EXISTING PAVEMENT AND CONSTRUCT 0.25' MIN. ASPHALT PAVEMENT OVER 0.40' MIN. CLASS II AGGREGATE BASE OVER 1.0' MIN. NAT. GRD. COMPACTED TO 95% MAX DENSITY. FINISHED ASPHALT PAVEMENT GRADE TO BE PLACED AT DESIGN ELEVATIONS SHOWN.
- SLURRY SEAL EXISTING PAVEMENT.
- CONSTRUCT FLUSH CURB PER DETAIL A.
- CONSTRUCT CURB PER DETAIL B.
- PROTECT EXISTING UTILITY IN PLACE. ADJUST TO GRADE.
- PROTECT EXISTING STRUCTURE IN PLACE.
- MATCH EXISTING CONCRETE GRADE.

NOTES:

- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNDERGROUND UTILITIES, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING CONSTRUCTION ACTIVITIES.
- EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL COORDINATE RELOCATION AND/OR REPAIR OF IRRIGATION WITH DISTRICT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE REMOVAL AND REPLACEMENT OF ALL POLES, BENCHES, BACKSTOPS, ETC. WITHIN PLAYGROUND AREA WITH DISTRICT PRIOR TO CONSTRUCTION.
- ADD 500' TO ALL DESIGN GRADES.



Curb Detail A Sheet 1

Access Path
Option A: Asphalt
Option B: Concrete

Match Existing Grade @ The Chain Link Fence Paving
Cross Slope Max. 2% in this Area to the Playfield

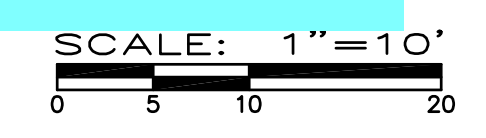
Paving & Base Section per Construction
Note for Replacement of Existing Paving

Curb Detail B Sheet 1

6' Clear from the Fence to the Curb

Paving & Base Section per Construction
Note for Replacement of Existing Paving
Paving Section in this Area 0.333
Base Section in this Area 0.5

Paving @ Bus Drop-Off to Match Existing Grades



Match Height of the New Curb per the Plans

Curb Detail B Sheet 1


CONCRETE SPECIFICATIONS

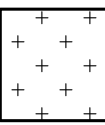
1. CONCRETE SHALL BE 3,000 PSI AND MINIMUM 505 LB CEMENTITIOUS MATERIALS PER C.Y. UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER.
2. CONCRETE SHALL CONFORM TO SECTION 90 OF CALTRANS STANDARD PLANS AND SPECIFICATIONS, CURRENT EDITION.
3. CEMENT SHALL BE IN CONFORMANCE WITH ASTM C150, TYPE 2 AND SHALL BE ENTIRELY FROM ONE MANUFACTURER.
4. ALL AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM C33.
5. ALL WATER FOR CONCRETE SHALL BE CLEAN AND FREE FROM DETRIMENTAL AMOUNTS OF ACID, ALKALI AND ORGANIC MATTER AND SHALL BE FROM A DOMESTIC WATER SUPPLY.
6. CONCRETE SHALL BE CURED AS SPECIFIED IN SECTION 90-1.03 OF CALTRANS STANDARD PLANS AND SPECIFICATIONS, CURRENT EDITION.
7. CONTROL JOINTS IN SIDEWALK SHALL BE SPACED NO MORE THAN 8' ON CENTER AND NO MORE THAN 15' ON CENTER FOR OTHER FLAT WORK.
8. CONTROL JOINTS IN CURBS, CURB & GUTTER, AND "V" GUTTER SHALL BE SPACED @ 15' O.C. MAX.
9. COMPACT SUBGRADE UNDER ALL CONCRETE CURBS, FLATWORK, ETC. TO A MINIMUM DEPTH OF 6" TO 90% MAXIMUM DENSITY. CONTRACTOR SHALL PROVIDE COMPACTION TEST RESULTS PREPARED BY A CERTIFIED LAB TO THE OWNER & CORRECT FAILURES AT CONTRACTOR'S EXPENSE.
10. MAXIMUM WATER-CEMENTITIOUS MATERIALS RATIO = 0.55.
11. SLUMP LIMIT = 4 INCHES, PLUS/MINUS 1 INCH.
12. MIX DESIGN SUBMITTALS SHALL BE IDENTIFIED BY A MIX DESIGN IDENTIFICATION NUMBER, AND SELECTED BY A REGISTERED CIVIL ENGINEER WITH EXPERIENCE IN CONCRETE MIX DESIGN. MIX DESIGN REPORT SHALL BE SEALED AND SIGNED BY QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR ITS PREPARATION.

ASPHALT CONCRETE NOTES

1. THIS SECTION COVERS THE FURNISHING OF LABOR AND EQUIPMENT FOR EXCAVATION, TRENCHING, BACKFILLING AND ALL OTHER EARTHWORK OPERATIONS REQUIRED TO COMPLETE THE INSTALLATION OF ASPHALT PAVING AS INDICATED ON THE DRAWINGS AND HEREIN SPECIFIED. ALL REFERENCES TO PROVISIONS SHALL BE TO THE CALTRANS STANDARD SPECIFICATIONS, CURRENT EDITION, UNLESS OTHERWISE NOTED.
2. AGGREGATE BASE SHALL BE "CLASS 2" UNLESS OTHERWISE NOTED AND SHALL CONFORM TO THE PROVISIONS IN SECTION 26, "AGGREGATE BASES," OF THE CALTRANS STANDARD SPECIFICATIONS. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
3. ASPHALT CONCRETE SHALL BE "TYPE B" UNLESS OTHERWISE NOTED AND SHALL CONFORM TO THE PROVISIONS IN SECTION 39, "ASPHALT CONCRETE," OF THE CALTRANS STANDARD SPECIFICATIONS AND THE FOLLOWING SPECIAL PROVISIONS:
 - A. ASPHALT CONCRETE SHALL HAVE A BITUMINOUS BINDER. THE BINDER SHALL BE PG 64-10 PERFORMANCE GRADED ASPHALT AND SHALL CONFORM TO THE REQUIREMENTS OF THE TABLE FOR PERFORMANCE GRADED ASPHALT BINDER IN SECTION 92-1.02(B), "GRADES" OF THE STANDARD SPECIFICATIONS.
 - B. THE AMOUNT OF BITUMINOUS BINDER TO BE MIXED WITH THE MINERAL AGGREGATE SHALL BE BETWEEN FOUR PERCENT (4%) AND SIX PERCENT (6%) BY WEIGHT OF DRY MINERAL AGGREGATE. THE EXACT AMOUNT OF BITUMINOUS BINDER TO BE MIXED WITH THE MINERAL AGGREGATE WILL BE DETERMINED BY THE ENGINEER.
 - C. ASPHALT CONCRETE SURFACING SHALL BE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS OF SECTION 39. A PRIME COAT SHALL NOT BE APPLIED TO THE BASE PRIOR TO PLACING ASPHALT CONCRETE SURFACING. A TACK COAT SHALL BE APPLIED PRIOR TO PAVING OVER EXISTING ASPHALT CONCRETE SURFACING. TACK COAT SHALL CONFORM TO CALTRANS STANDARD SPECIFICATION SECTION 94; ASPHALT GRADE EMULSION SS-1, SS-1N, CSS-1 AND CSS-1N.
 - D. ASPHALT CONCRETE SHALL BE COMPACTED TO 92-94% OF THE MAXIMUM THEORETICAL DENSITY AS DETERMINED BY ASTM D-2041. IN-PLACE DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH CALIFORNIA TEST 375.
 - E. AT CONNECTIONS TO EXISTING AC SURFACES, THE EXISTING SURFACE SHALL BE SAWCUT AND REMOVED TO A NEAT LINE BEFORE THE PAVING OR AS DIRECTED BY THE ENGINEER.
 - F. THE MIXTURE SHALL BE APPLIED AT A MINIMUM TEMPERATURE OF 225°F. SPREADING SHALL BE PERFORMED BY SELF-PROPELLED ASPHALT PAVERS THAT PRODUCE AN ASPHALT CONCRETE SURFACING OF UNIFORM SMOOTHNESS AND TEXTURE.
 - G. ALL SPILLAGE OF ASPHALT CONCRETE OUTSIDE OF THE DESIGNATED PAVING AREA SHALL BE PROMPTLY SWEEP UP AND REMOVED.
 - H. FOG SEAL SHALL BE APPLIED TO ALL NEWLY PAVED SURFACES WITHIN TWO WEEKS AFTER THE PAVING IS PLACED. FOG SEAL SHALL BE APPLIED IN ACCORDANCE WITH SECTION 37-1; GRADE MEDIUM FINE; ASPHALTIC EMULSION GRADE SS-1.
 - I. FINISHING ROADWAY SHALL CONFORM TO THE PROVISIONS OF SECTION 22.
 - K. ALL ASPHALT CONCRETE SHALL BE CONSTRUCTED TO THE TOLERANCES ALLOWED IN SECTION 39-6.03 AS MODIFIED BY THESE PLANS. A.C. AND BASE THICKNESS SHOWN ON THESE PLANS ARE MINIMUMS AND LESSER THICKNESS WILL NOT BE ALLOWED.
4. A TINTED PRE-EMERGENT HERBICIDE SHALL BE APPLIED OVER NATURAL GROUND IN ALL AC PAVED PARKING LOT AREAS AND DRIVE AISLES PRIOR TO PLACING ANY BASE OR PAVING. APPLY IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. NO WEED CONTROL CHEMICAL IS TO BE APPLIED TO AREAS DESIGNATED FOR PLANTING.
5. MIX DESIGN SUBMITTALS SHALL BE IDENTIFIED BY A MIX DESIGN IDENTIFICATION NUMBER, AND SELECTED BY A REGISTERED CIVIL ENGINEER WITH EXPERIENCE IN ASPHALT CONCRETE MIX DESIGN. MIX DESIGN REPORT SHALL BE SEALED AND SIGNED BY QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR ITS PREPARATION.

CONSTRUCTION NOTES

- 

REMOVE EXISTING PAVEMENT AND CONSTRUCT 0.25' MIN. ASPHALT PAVEMENT OVER 0.40' MIN. CLASS II AGGREGATE BASE OVER 1.0' MIN. NAT. GRD. COMPACTED TO 95% MAX DENSITY. FINISHED ASPHALT PAVEMENT GRADE TO BE PLACED AT DESIGN ELEVATIONS SHOWN.
- 

SLURRY SEAL EXISTING PAVEMENT.

1. CONSTRUCT FLUSH CURB PER DETAIL (A/1).
2. CONSTRUCT CURB PER DETAIL (B/1).
3. PROTECT EXISTING UTILITY IN PLACE. ADJUST TO GRADE.
4. PROTECT EXISTING STRUCTURE IN PLACE.
5. MATCH EXISTING CONCRETE GRADE.

NOTES:

1. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS, UNDERGROUND UTILITIES, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING CONSTRUCTION ACTIVITIES.
2. EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
3. CONTRACTOR SHALL COORDINATE RELOCATION AND/OR REPAIR OF IRRIGATION WITH DISTRICT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL COORDINATE REMOVAL AND REPLACEMENT OF ALL POLES, BENCHES, BACKSTOPS, ETC. WITHIN PLAYGROUND AREA WITH DISTRICT PRIOR TO CONSTRUCTION.
5. ADD 500' TO ALL DESIGN GRADES.

Curb Detail A Sheet 1

Curb Detail B Sheet 1

Paving @ Play Court to Match Existing Grades

Paving & Base Section per Construction Note for Replacement of Existing Paving

Paving & Base Section per Construction Note for Replacement of Existing Paving
Paving Section in this Area 0.333
Base Section in this Area 0.5

Paving @ Bus Drop-Off to Match Existing Grades

Attachment P.1

Addendum 1

Alternates 1 & 2

PAVEMENT REPLACEMENT PLAN
COLLEGE HEIGHTS
ELEMENTARY SCHOOL
SLURRY AREA

REVISIONS		
DATE	03/14/2025	
PA JOB No.	3350	
SHEET	4	
OF	4	SHEETS

