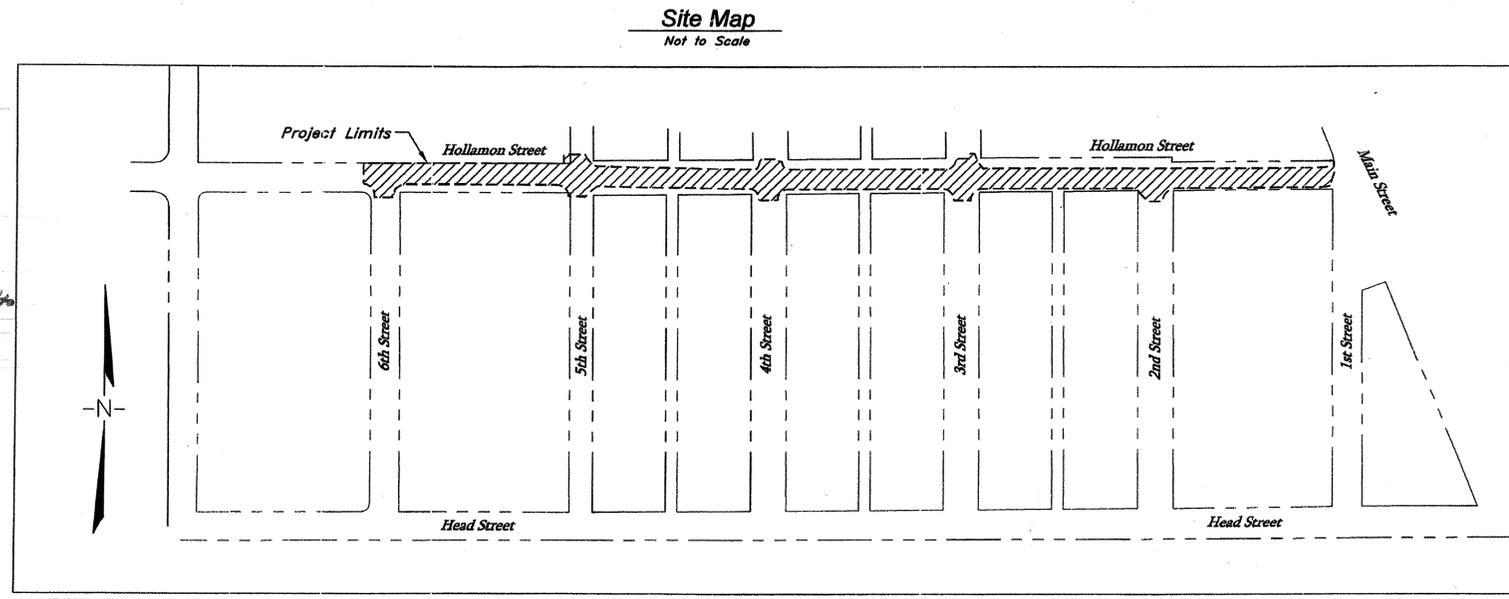


Town of Camp Verde Hollamon Street Improvements

REVISIONS	BY

NOTES:

- CONTINGENCY TO PROVIDE:
- STREET STRIPING - FULL LENGTH OF PROJECT
- CROSSWALK MARKING
- FUNCTIONAL ARROWS MARKING (3)
- BIKE LANE - SINGLE WHITE LINE

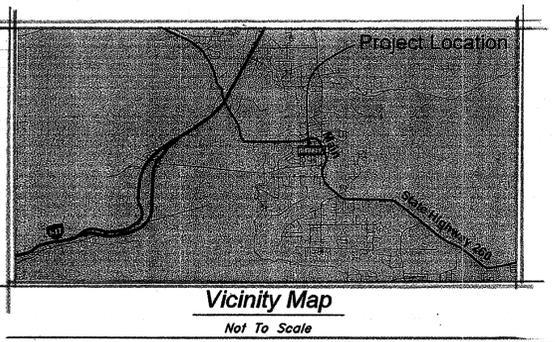


Legend

- Proposed Overlay
- Proposed Asphalt
- Proposed Concrete
- Existing Asphalt
- Existing Concrete
- Proposed Centerline
- Proposed Sawcut
- Existing CMP Culvert
- Existing Right-of-Way
- Existing Gas Line
- Existing Cable Line
- Existing Overhead Electric Line
- Existing Fiber Line
- Existing TV Box
- Existing Water Meter
- Existing Mail Box
- Existing Electric Meter
- Existing Utility Pole
- Existing Culvert
- Existing Guy Wire
- Existing Blow-Off Valve
- Existing Telephone Riser
- Existing Telephone Manhole
- Existing Sewer Manhole
- Existing Water Valve
- Existing Irrigation Valve
- PC Point of Curvature
- PT Point of Tangency
- Sta Station
- Off Offset
- BC Back of Curb
- CP Control Point

Engineer's Notes

- The contractor shall contact the engineer immediately if there are any discrepancies on these plans that come to his attention prior to construction.
- Nothing contained in the contract documents shall create, nor shall be construed to create, any contractual relationship between the engineer and the contractor and the subcontractor.
- The engineer will not be responsible for construction means, methods, techniques, sequences, or procedures or for safety precautions or programs utilized in connection with the work, and will not be responsible for the contractor's failure to carry out the work in accordance with the contract documents.
- All conduits (i.e. box culverts, reinforced concrete pipe, cast-in-place pipe, and/or corrugated metal pipe) shown on these plans are designed for standard highway loading. The standard minimum cover requirements, as established by the conduit manufacturer, may not always be sufficient for loading conditions imposed by construction activity. If construction equipment will be driven close to or over the buried conduit, the contractor shall provide the additional cover required to avoid damage to the conduit. It shall be the responsibility of the contractor to analyze the adequacy of the additional cover requirements associated with loading conditions imposed by construction activities.
- Where the location of existing structures are indicated on the Plans, indicated locations are approximate only.
- A thorough attempt has been made to show the locations of all underground obstructions and utility lines in the work area, however, the contractor shall be responsible for any damage to obstructions and utility lines encountered during construction.
- Underground utility locations, as shown on these plans, were determined from field measurements, construction plans, record plans, or utility maps furnished by others. Locations of underground utilities are to be regarded as approximate only. It is the Contractor's responsibility to establish in the field the actual locations of all underground lines which may in any way affect the work.
- Where plans call for connecting new structures to existing underground pipes or structures, it shall be the Contractor's responsibility to determine, at the time of construction, exact sizes, types and locations of existing underground improvements and to furnish Materials as needed to make the required connections.
- All quantities shown are approximate and are furnished solely for the Contractor's convenience. They do not necessarily correspond to Bid Schedule items. Payment will be based on Bid Schedule items. The Contractor shall not be relieved of responsibility for independently estimating work quantities prior to bidding.
- The engineer makes no representation or guarantee regarding earthwork quantities or that the earthwork for this project will balance due to the varying field conditions, changing soil types, allowable construction tolerances and construction methods that are beyond the control of the engineer. No allowance has been made for shrink or swell.



Base Bid Estimated Quantities

REMOVALS:	QUANTITY
Remove and Dispose AC Pavement	2528 SY
Remove and Dispose CMP Culvert	60 LF
Remove and Dispose PCC Curb	55 LF
Remove and Dispose PCC Valley Gutter	100 SF

RELOCATIONS & ADJUSTMENTS:	QUANTITY
Adjust Valve Box and Cover to Grade	EA
Relocate existing Water Meter	EA
Adjust existing Manhole to Grade	EA
Relocate existing Sign	EA
Relocate existing Telephone Riser	EA
CONTRACTOR TO FIELD VERIFY PRICE TO CONST.	EA

ROADWAY CONSTRUCTION:	QUANTITY
3" AC/6" ABC Pavement Section	2204 SY
New 5' concrete sidewalk with Fiber	4736 SF
MAG 220 Type 'B' Ribbon Curb	1817 LF
MAG 220 Type 'B' Roll Curb	1154 LF
Straight Type sidewalk ramp per Detail A2, Sheet C3	5 EA
ADOT C-05.30 Type 'C' sidewalk ramp	1 EA
Sidewalk ramp with Narrow ROW per Detail A5, Sheet C3	2 EA
Colored Concrete sidewalk with Fiber	91 SF
6" thick Fiber Reinforced Driveway	662 SF
Curb Transition/Termination (roll curb to ribbon curb)	6 EA
Curb Transition/Termination (vertical curb to ribbon curb)	5 EA
Curb and Gutter Transition per MAG 221	4 EA
VALLEY GUTTER PER MAG 240	2 EA
12" CMP?	2 EA

- CHECK INDEX**
- C-1 COVER / NOTES / LEGEND
 - C-2 HOLLAMON STREET / NOTES
 - C-3 NOTES / DETAILS
 - C-4 DETAILS / CROSS SECTION
 - S-1 EXISTING CONDITIONS SURVEY

Town Of Camp Verde Approvals

Concept Approval Note:
The Town approves these plans for concept only. All liability for errors or omissions is the responsibility of the design engineer.

[Signature] 5/22/12
Town Manager Date

[Signature] 5/22/12
Public Works Director Date

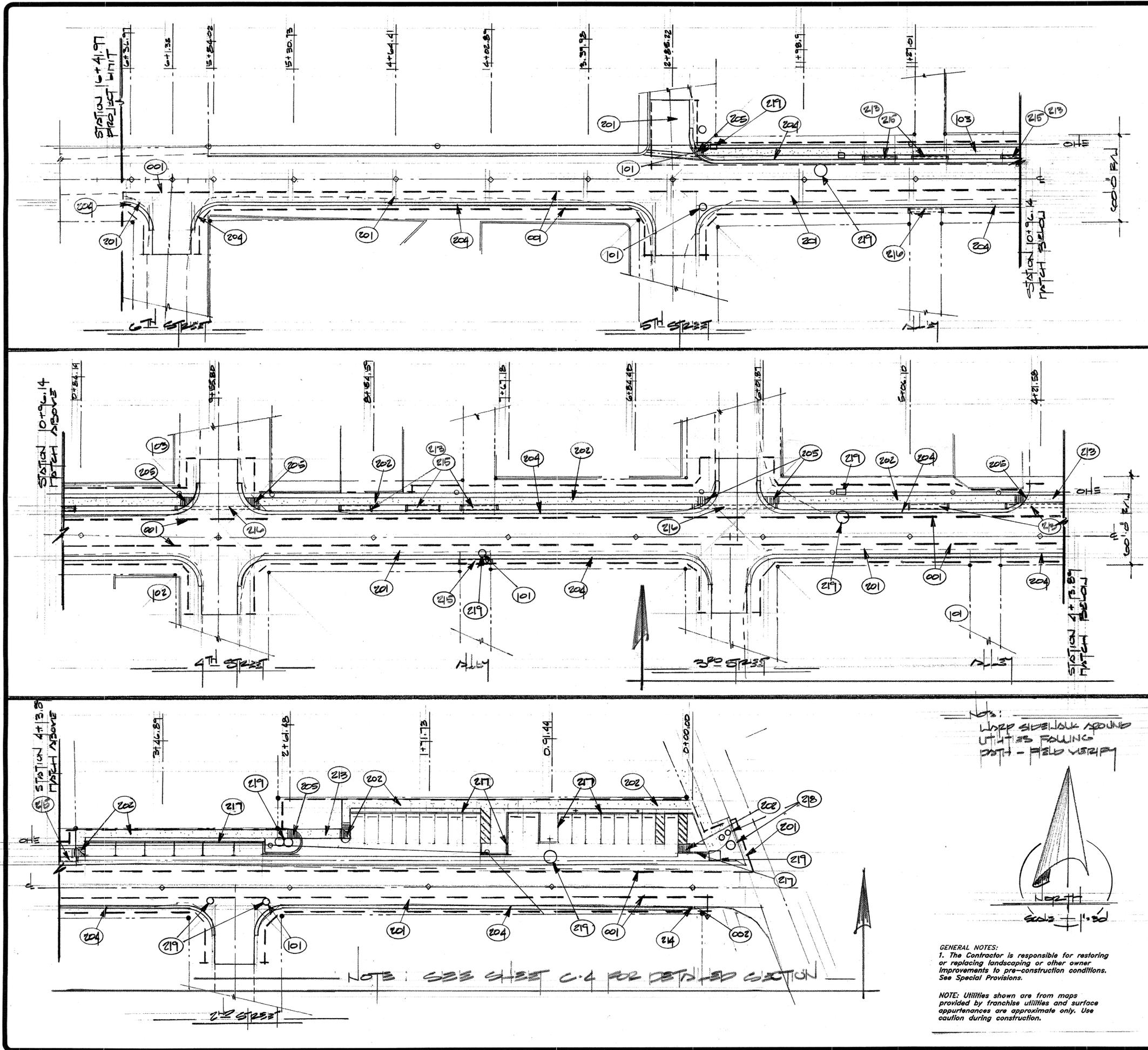
• COLORED SIDEWALKS TO BS!
6" THICK C ALL DRIVEWAYS
4" OTHERWAYS

VALLEY GUTTER PER MAG 240 TYPE 1 275 LF
SAFETY BLOCKS PER MAG 150 TYPE B-2 19 EA
BOLLARDS PER MAG 140 2 EA

TOWN OF CAMP VERDE
HOLLAMON STREET IMPROVEMENTS



DRAWN	CHECKED	DATE	SCALE	JOB NO.	SHEET
40		APRIL 20 12	1" = 10'		C-1
					5 OF 5 SHEETS



Construction Notes

REMOVALS: 2528 SY
 Note 001: Sawcut, remove, and crush existing AC within the Construction Limits shown. Crushed AC may be used as aggregate base for the new pavement section.
 Option 2: Sawcut, remove, and dispose of existing AC within the Construction Limits shown.
 Note 002: 8 LF
 Remove and dispose of existing PCC curb and gutter within the Construction Limits shown.

ROADWAY CONSTRUCTION:

Note 201: 2204 SY
 New 3" AC/6" ABC per Detail A4, Sheet C3 (or match existing, whichever is greater). All AC terminations not against concrete curb must have a Maricopa edge, per MAG Standard Detail 201, Type 'B'.
 Note 202: 4736 SF
 New 5' wide, 6" thick Concrete sidewalk with fiber per modified MAG Standard Detail 230. Sidewalk shall be 6" thick with one bag of fiber per cubic yard.
 Note 203: 1154 LF
 New Type 'C' Roll Curb and Gutter per MAG Standard Detail 220.
 Note 204: 1817 LF
 New Type 'B' Ribbon Curb per MAG Standard Detail 220, per Detail B2 Sheet C4.
 Note 205: 5 EA
 New Straight Type Sidewalk Ramp per Detail B1 and MAG Sheet C3. Provide 5' wide, 2' deep detectable warning strip at the base of the ramp as shown supplied by Tekway Domes or approved equal.
 Note 206: 91 SF
 New 5' wide, 6" thick Colored Concrete Sidewalk with fiber per modified MAG Standard Detail 230. Colored sidewalk shall be 6" thick with one bag of fiber per yard. Colored sidewalk shall be colored, treated and sealed per Project Specifications.

Note 210: 1 EA
 New Type 'C' Sidewalk Ramp per ADOT Standard Detail C-05.30. Provide 5' wide, 2' deep detectable warning strip at the base of the ramp as shown supplied by Tekway Domes or approved equal.
 Note 213: 662 SF
 Install new 6" thick Concrete Driveway with fiber reinforcing and 4000psi concrete per Detail B3 Sheet C4.
 Note 214: 5 EA
 Install new Vertical Curb Transition/Termination per Detail A3 Sheet C3 (Vertical curb to Ribbon curb).
 Note 215: 10 EA
 Install New 12" chip at PAVEMENT TRANSITION. SHEET C4
 Note 216: 2 EA
 Install New 12" chip at NEEL STREET ASPHALT
 Note 217: 375 LF
 Install New VERT CURBS PER DETAIL B2 SHEET C4, TYPE A
 Note 218
 RELOCATE & RELOCATE STREET LAMP * VERIFY RELOCATION UP OWNERS
 Note 219
 VERIFY IN FIELD & ADJUST MANHOLES, BOXES, & VALVES AS NEEDED

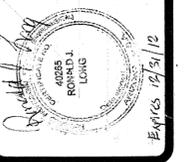
RELOCATIONS & ADJUSTMENTS: VERIFY

Note 101:
 Adjust valve box and cover to finished grade, per MAG STD. DET. 341.
 Note 102:
 Relocate existing water meter.
 Note 103:
 Adjust existing manhole to finished grade. Adjust manhole horizontally, as directed by the Town of Camp Verde Engineer, to accommodate new curb. PER MAG STD. DET. 412
 Note 105:
 Relocate existing sign.
 Note 106:
 Relocate existing telephone riser by Qwest.

GENERAL NOTES:
 1. The Contractor is responsible for restoring or replacing landscaping or other owner improvements to pre-construction conditions. See Special Provisions.
 NOTE: Utilities shown are from maps provided by franchise utilities and surface appurtenances are approximate only. Use caution during construction.

REVISIONS	BY

TOWN OF CAMP VERDE
 HOLMSON STREET IMPROVEMENTS



DRAWN CS	CHECKED
DATE APRIL 20, 12	SCALE 1" = 30'
JOB NO.	SHEET C-2
OF 6 SHEETS	

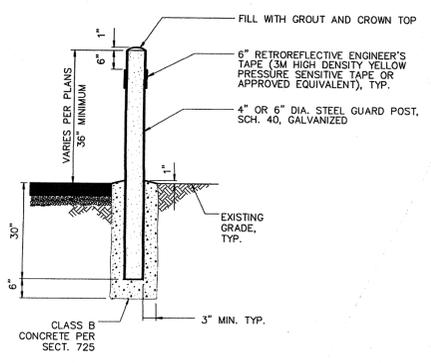
REVISIONS	BY

TOWN OF CANTON VERDE
TOWN OF STREET IMPROVEMENTS

APR 20 12
SCALE
JOB NO. AS SHOWN
SHEET

DRAWN
CHECKED
DATE
SCALE
JOB NO.
SHEET

C. 4
OF 5 SHEETS



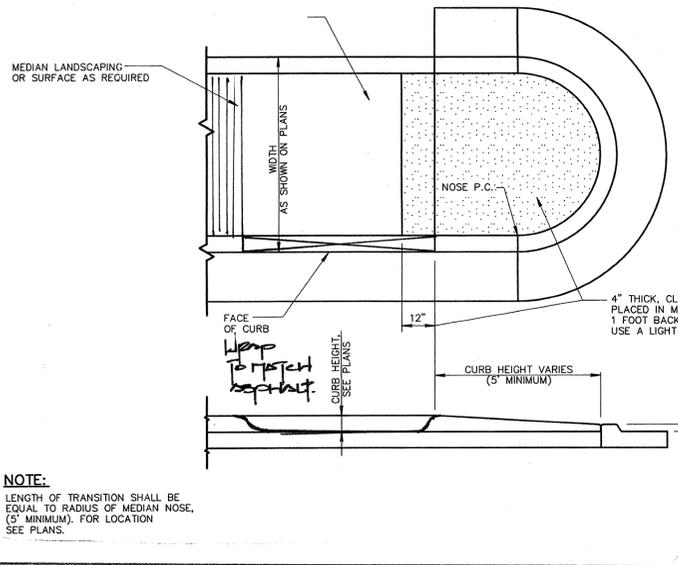
TYPE 1 PERMANENT

NOTES

- BOLLARDS SHALL HAVE A HEIGHT OF 3 FEET OR BE EQUAL TO THE HEIGHT OF THE BACK SCREEN WALL OF BIN ENCLOSURES. POSTS SHALL BE PLACED A MINIMUM OF 4" FROM THE WALL.
- REMOVABLE POSTS SHALL HAVE 1" DIA. HOLES DRILLED THROUGH AT A DISTANCE 1/2 THE OVERALL POST LENGTH FROM TOP.
- REMOVABLE POST - GRIND SMOOTH ALL SHARP EDGES PRIOR TO GALVANIZATION. GALVANIZE PER ASTM A54 AFTER FABRICATION.

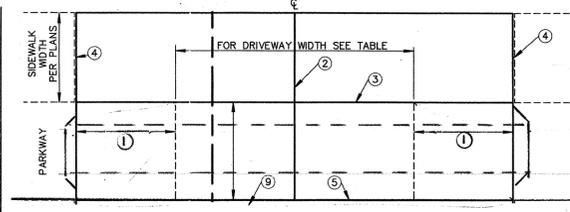
BOLLARD

FIG 140

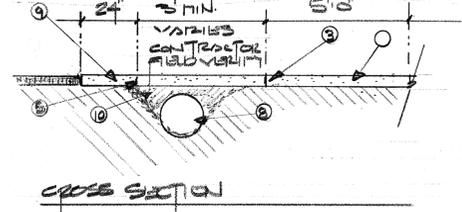


MEDIAN NOSE TRANSITION

FIG 223



DRIVEWAY WITH DETACHED SIDEWALK



CROSS SECTION

DRIVEWAY ENTRANCES WITH DETACHED SIDEWALK

FIG 250-1

COMMERCIAL AND INDUSTRIAL				
DRIVEWAY WIDTH	MIN.	MAX.	CLASS	DEPTH "X"
COMMERCIAL	* 16'	40'	A	9"
INDUSTRIAL	* 16'	40'	A	9"
* 24' MIN. FOR TWO WAY TRAFFIC				
RESIDENTIAL				
DRIVEWAY WIDTH	MIN.	MAX.	CLASS	DEPTH "X"
MAJOR STREET	16'	30'	B	5"
COLLECTOR STREET	* 12'	30'	B	5"
LOCAL STREET	12'	30'	B	5"
* 16' DESIRABLE				

NOTES

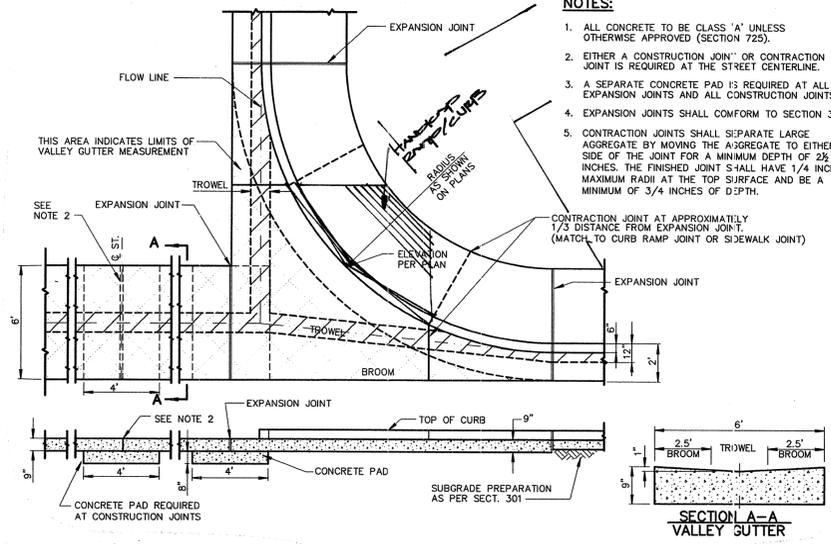
- SIDEWALK CONSTRUCTION SHALL CONFORM TO SECTION 340.
- EXPANSION JOINTS SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER, A.S.T.M. D-1751.
- LARGE AGGREGATE, IN CONTRACTION JOINT SHALL BE SEPARATED TO A DEPTH OF 1". FINISH DEPTH SHALL BE A MINIMUM OF 3/4".
- EXPANSION JOINTS SHALL CONFORM TO SECTION 340, BE INSTALLED PRIOR TO CONCRETE PLACEMENT, AND AT A MAXIMUM SPACING OF 50'. THE EXPANSION JOINT MUST PROVIDE COMPLETE SEPARATION OF THE SIDEWALK FROM ADJOINING CONCRETE.
- CONCRETE SHALL BE CLASS 'B' PER SECTION 725.
- WHEN SIDEWALK AND ADJACENT CURB ARE INSTALLED MONOLITHICALLY, THE MID-POINT SCORE LINE SHALL EXTEND ACROSS THE CURB.

EXPANSION JOINT

CONTRACTION JOINT

SIDEWALKS

FIG 230



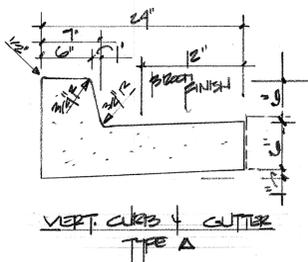
NOTES

- ALL CONCRETE TO BE CLASS 'A' UNLESS OTHERWISE APPROVED (SECTION 725).
- EITHER A CONSTRUCTION JOINT OR CONTRACTION JOINT IS REQUIRED AT THE STREET CENTERLINE.
- A SEPARATE CONCRETE PAD IS REQUIRED AT ALL EXPANSION JOINTS AND ALL CONTRACTION JOINTS.
- EXPANSION JOINTS SHALL CONFORM TO SECTION 340.
- CONTRACTION JOINTS SHALL SEPARATE LARGE AGGREGATE BY MOVING THE AGGREGATE TO EITHER SIDE OF THE JOINT FOR A MINIMUM DEPTH OF 24" INCHES. THE FINISHED JOINT SHALL HAVE 1/4" INCH MAXIMUM RADIUS AT THE TOP SURFACE AND BE A MINIMUM OF 3/4" INCHES OF D.P.T.H.

SECTION A-A VALLEY GUTTER

VALLEY GUTTER

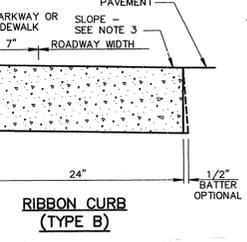
FIG 240



VERT. CURB & GUTTER TYPE A

NOTES: TYPE A

- ALL EXPOSED SURFACES TO BE TROWEL FINISHED EXCEPT AS SHOWN.
- CONTRACTION JOINT SPACING 10' MAX.
- SLIP. JT PER SECT 340
- CLASS 'B' CONC. PER 725



RIBBON CURB (TYPE B)

NOTES: (TYPE B)

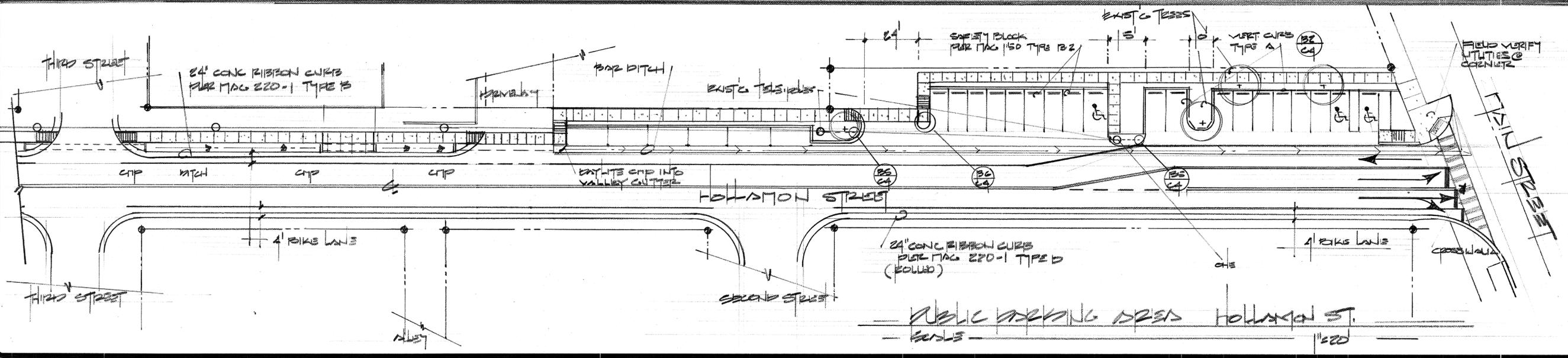
- CONSTRUCT CURB AND INSTALL 1/2" MASTIC EXPANSION JOINTS, A.S.T.M. D-1751, SECT. 340.
- BROOM FINISH ALL SURFACES.
- RIBBON CURB MAY SLOPE TOWARDS PAVEMENT OR PARKWAY AS INDICATED ON PLANS.
- CONTRACTION JOINT SPACING 10' MAXIMUM.
- CONCRETE SHALL BE CLASS 'B' PER SECT. 725 AND INSTALLED PER SECT. 505.

NOTES: (C & D)

- ALL WORK AND MATERIALS SHALL CONFORM TO SECT. 304, 505 AND 725. BROOM FINISH TO EXPOSED SURFACE.
- CONTRACTION JOINT SPACING 10' MAXIMUM.
- EXPANSION JOINTS AS PER SECT. 340.
- CLASS 'B' CONCRETE PER 725.

CURB AND GUTTER

FIG. 220-1



HOLLAMAN STREET

24" CONC. RIBBON CURB PER FIG 220-1 TYPE B (BOLLARD)

PUBLIC PARKING SPACES HOLLAMAN ST.

FIG 220

