



# Department of Administrative Services Purchasing and Contracts

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Sabra Smith Newby, Chief Administrative Officer  
Adleen B. Stidhum, Purchasing Administrator



## CLARK COUNTY, NEVADA BID NO. 603123-13 ADA SIDEWALK RAMPS

November 21, 2013

### ADDENDUM NO. 1

#### INVITATION TO BID

1. The Bid Opening date of November 22, 2013 at 2:15:00 p.m. has been changed to, **November 26, 2013 at 2:15:00 p.m.**

#### BID FORM

2. The following items have been modified, removed, or added to the Bid Schedule:
  - a. 402.01 PLANTMIX BITUMINOUS SURFACE quantity from 130 TON to 115 TON
  - b. 506.01 NDOT TYPE R PEDESTRIAN RAIL 12 LF – added line item
  - c. 613.01 RECONSTRUCT CONCRETE SIDEWALK quantity from 53,000 SF to 23,255 SF
  - d. 613.02 RECONSTRUCUT TYPE "L" CONCRETE CURB AND GUTTER quantity from 6,420 LF to 5,620 LF
  - e. 613.03 RECONSTRUCT CONCRETE SPANDREL/CROSS GUTTER quantity from 700 SF to 795 SF
  - f. 613.04 CONSTRUCT CONCRETE COMMERCIAL DRIVEWAY quantity from 536 SF to 664 SF
  - g. 613.05 CAST-IN PLACE DETECTABLE WARNING PANEL (5'x2') quantity from 188 EA to 186 EA
  - h. 613.07 CONCRETE SIDEWALK 28,110 SF – added line item
  - i. 613.08 TYPE L CURB AND GUTTER 278 LF – added line item
  - j. 623.02 CONDUIT WITH PULL WIRE (4") 1,035 LF – removed line item
  - k. 623.04 PULLBOX (P30) 3 EA – removed line item
  - l. 627.09 RELOCATE TRAFFIC SIGN quantity from 1 EA to 2 EA

#### CONTRACT DRAWINGS

*The following sheets are NOT being reissued with this addendum. The Contractor shall make note of the following changes, which will be reflected in the "Issued for Construction" plans.*

3. SHEET NO. 2
  - a. Summary of Approximate Quantities table has been modified to match the new bid form (see 1 above)
  - b. The following note has been added under "Construction Notes":

\*ALL UPGRADED RAMPS SHALL INCLUDE THE INSTALLATION OF DETECTABLE WARNING PANELS, WHERE INSTALLATION OF "PANEL ONLY" IS INDICATED ON THE PLANS THE LIMITS OF REMOVAL SHALL BE SAWCUTTING NEAT LINES 5'X2' AT REQUIRED PANEL LOCATION AND POURING BACK CONCRETE PER STD DWG 234 & 235.

4. SHEET NO. 4

- a. The two callouts for the 32' Commercial Driveway have been modified to read: "CONSTRUCT 24' COMMERCIAL DWY PER DETAIL THIS SHEET" and "CONSTRUCT 24' COMMERCIAL DRIVEWAY PER STD DWG 224".

5. SHEET NO. 10

- a. The two ramps located on the north leg of the intersection of Eastern Avenue and Tropicana Avenue (noted as construction Item #1) have been removed.

*The following sheet is being reissued with this addendum.*

6. SHEET NO. 3

- a. Adjusted the location of the No. 3 ½ Pull boxes.
- b. Removed installation of 4" conduit and P30 pull boxes.
- c. Added installation of NDOT Type R Pedestrian Rail on top of existing culvert headwall.
- d. Added dimension of width of pavement (23') on Eldorado Lane.

SPECIFICATIONS

7. Added section 506 Steel Structures.
8. Modified section 613 Concrete Curb, Walk, Gutters, Driveways and Alley Intersections.

Except as modified herein, all other bid specifications, terms, conditions, and special provisions shall remain the same.

ISSUED BY:



THOMAS E. BOLDT, C.P.M.  
Senior Purchasing Analyst

Attachment(s):    1. Revised Bid Form  
                          2. Section 506  
                          3. Section 613  
                          4. Drawings, Sheet 3

cc:            Ray Falcon, Public Works  
               Joe Yatson, Public Works  
               Mike Mamer, Public Works

<b>BID SCHEDULE</b>				
ITEM NUMBER	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	TOTAL
107.01	TRAFFIC CONTROL	60	DAY	
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$ 100,000.00
109.02	ADDITIONAL AMOUNT OVER \$500.00 / DAY AS DETERMINED BY BIDDER	5	DAY	
109.03	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	5	DAY	\$ 2,500.00
200.01	MOBILIZATION	1	LS	
203.01	ROADWAY EXCAVATION	210	CY	
302.01	TYPE II AGGREGATE BASE	160	CY	
402.01	PLANTMIX BITUMINOUS SURFACE	115	TON	
506.01	NDOT TYPE R PEDESTRIAN RAIL	12	LF	
613.01	RECONSTRUCT CONCRETE SIDEWALK	23,255	SF	
613.02	RECONSTRUCT TYPE "L" CONCRETE CURB AND GUTTER	5,620	LF	
613.03	RECONSTRUCT CONCRETE SPANDREL / CROSS GUTTER	795	SF	
613.04	CONSTRUCT CONCRETE COMMERCIAL DRIVEWAY	664	SF	
613.05	CAST-IN-PLACE DETECTABLE WARNING PANEL (5'X2')	186	EA	
613.06	RECONSTRUCT MEDIAN ISLAND NOSE	1	LS	
613.07	CONCRETE SIDEWALK	28,110	SF	
613.08	TYPE L CURB AND GUTTER	278	LF	
623.01	CONDUIT WITH PULL WIRE (2" STREETLIGHT)	1,035	LF	
623.02	PULLBOX (NO. 3 1/2)	2	EA	
627.01	PERMANENT SIGN POST	22	EA	
627.02	PERMANENT SIGN PANEL (R1-1) (30")	1	EA	
627.03	PERMANENT SIGN PANEL (W11-2) (36")	8	EA	
627.04	PERMANENT SIGN PANEL (W16-9P) (24"X12")	4	EA	
627.05	PERMANENT SIGN PANEL (W16-7P) (24"X12")	4	EA	
627.06	PERMANENT SIGN PANEL (W16-6P) (R)(24"X12")	1	EA	
627.07	PERMANENT SIGN PANEL (R1-5) (36")	4	EA	
627.08	PERMANENT SIGN PANEL (R7-1APR) (12"X18")	2	EA	
627.09	RELOCATE TRAFFIC SIGN	2	EA	
628.01	TYPE 2 FILM (CROSSWALK)	420	SF	
628.02	TYPE 2 FILM (YIELD MARKING)	84	SF	

<b>ITEM NUMBER</b>	<b>ITEM DESCRIPTION</b>	<b>APPROX. QUANTITY</b>	<b>UNIT</b>	<b>TOTAL</b>
629.01	VERTICALLY ADJUST WATER VALVE BOX	1	EA	
637.01	DUST CONTROL	60	DAY	
<b>TOTAL BASE BID</b>				<b>\$</b>

**SECTION 506**  
**STEEL STRUCTURES**  
**DESCRIPTION**

**506.01.01 GENERAL**

*Add the following:*

All work and materials shall comply with most current applicable provisions of AISC's "Code of Standard Practice for Steel Buildings and Bridges".

A qualified Erector shall be considered as an installer who participates in the American Institute of Steel Construction (AISC) Certification program and is designated an AISC Certified Erector, Category Advanced Certified Steel Erector (ACSE) at time of bid.

A qualified Fabricator shall be considered as a material manufacturer who participates in the AISC Certification program and is designated an AISC certified plant, category Standard for Steel Building Structures (STD) Certified Plant.

**506.04.01 MEASUREMENT**

*Revise Paragraph A to read as follows:*

The quantity of Structural Steel shall not be measured for direct payment.

The quantity of Pedestrian Rail (Type R) will be measured for payment by linear foot, in place and accepted.

**BASIS OF PAYMENT**

**506.05.01 PAYMENT**

No separate payment will be made for reinforcing steel as such; the cost thereof shall be included in the price bid for the construction or installation of the items of which such reinforcing steel is a part.

The NDOT Type R Pedestrian Rail will be paid for at the Contract unit price bid per linear foot and shall be considered full compensation for furnishing all labor, surface preparation, epoxy, drilling, materials including all connectors, bolts, couplings, reinforcing steel, concrete work, and materials necessary to manufacture and complete the work as shown on the Drawings, as specified, and as directed by the Engineer.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
NDOT Type R Pedestrian Rail	LF

## SECTION 613

### CONCRETE CURB, WALK, GUTTERS, DRIVEWAYS AND ALLEY INTERSECTIONS

#### MATERIALS

*The following subsection is added:*

#### **613.02.02 DETECTABLE WARNING SURFACES**

##### Submittals

- A. Product Data: Submit manufacturer's literature describing products, installation procedures and routine maintenance.
- B. Samples for Verification Purposes: Submit three (3) samples of detectable panels of each kind proposed for use.
- C. Shop drawings are required for products specified showing fabrication details; composite structural system; plans of panel placement including joints, and material to be used as well as outlining installation materials and procedure.
  - 1. Panel pattern shall be designed and shown between existing expansion joints with panel rib dimension used for the cut size of panels.
- D. Material Test Reports: Submit test reports from qualified independent testing laboratory indicating that materials proposed for use are in compliance with requirements and meet the properties indicated. All test reports shall be conducted on each type of detectable panel system as certified by a qualified independent testing laboratory.
- E. Maintenance Instructions: Submit copies of manufacturer's specified maintenance practices for each type of detectable panel and accessory as required.

##### Cast-in-place Detectable Warning Panels

- A. Provide detectable panels and accessories as produced by a single manufacturer.
- B. Installer's Qualifications: Engage an experienced Installer certified in writing by detectable manufacturer as qualified for installation, who has successfully completed tile installations similar in material, design, and extent to that indicated for Project. Manufacturer's supervisor shall be present at initial installation.
- C. Americans with Disabilities Act (ADA): Provide detectable warning surfaces which comply with the detectable warnings on walking surfaces section of the Americans with Disabilities Act (Title 49 CFR TRANSPORTATION, Part 37.9 STANDARDS FOR ACCESSIBLE TRANSPORTATION FACILITIES, Appendix A, Section 4.29.2 DETECTABLE WARNINGS ON WALKING SURFACES. In addition products must comply with CALIFORNIA TITLE 24 requirements regarding patterns, color and sound on cane contact.

D. Vitrified Polymer Composite (VPC) cast-in-place panels shall be an epoxy polymer composition with an ultra violet coating employing aluminum oxide particles in the truncated domes:

1. Water Absorption of Tile when tested by ASTM-D 570 not to exceed 0.35%.
2. Slip Resistance of Tile when tested by ASTM-C 1028 the combined wet/dry static co-efficient of friction not to be less than 0.80.
3. Compressive Strength of tile when tested by ASTM-D 695-91 not to be less than 18,000 psi.
4. Tensile Strength of Tile when tested by ASTM-D 638-91 not to be less than 10,000 psi.
5. Flexural Strength of Tile when tested by ASTM - C293-94 not to be less than 24,000 psi.
6. Chemical Stain Resistance of Tile when tested by ASTM-D 543-87 to withstand without discoloration or staining - 1% hydrochloric acid, urine, calcium chloride, stamp pad ink, gum and red aerosol paint.
7. Abrasive Wear of Tile when tested by BYK - Gardner Tester ASTM-D 2486\* with reciprocating linear motion of  $37 \pm$  cycles per minute over a 10" travel. The abrasive medium, a 40 grit Norton Metallite sand paper, to be fixed and leveled to a holder. The combined mass of the sled, weight and wood block to be 3.2 lb. Average wear depth shall not exceed 0.030 after 1000 abrasion cycles measured on the top surface of the dome representing the average of three measurement locations per sample.
8. Fire Resistance: When tested to ASTM E84 flame spread be less than 25.
9. Gardner Impact to geometry "GE" of the standard when tested by ASTM-D 5420-93 to have a mean failure energy expressed as a function of specimen thickness of not less than 450 in. 1bf/in. A failure is noted if a hairline fracture is visible in the specimen.
10. Accelerated Weathering of Tile when tested by ASTM-G26-95 for 2000 hours shall exhibit the following result - no deterioration, fading or chalking of surface of tile.

E. Vitrified Polymer Composite (VPC) cast-in-place panels embedded in concrete shall meet or exceed the following test criteria:

1. Accelerated Aging and Freeze Thaw Test of Tile when tested to ASTM-D 1037 shall show no evidence of cracking, delamination, warpage, checking, blistering, color change, loosening of tiles or other defects.
2. Salt and Spray Performance of Tile and Adhesive System when tested to ASTM-B 117 not to show any deterioration or other defects after 100 hours of exposure.

#### Delivery and Storage, and Handling

- A. Panels shall be suitably packaged or crated to prevent damage in shipment or handling. Finished surfaces shall be protected by sturdy wrappings, and panel type shall be identified by part number.
- B. Panels shall be delivered to location at building site for storage prior to installation.

### Site Conditions

- A. Environmental Conditions and Protection: Maintain minimum temperature of 40 degrees F in spaces to receive detectable panels for at least 48 hours prior to installations, during installation, and for not less than 48 hours after installation. Store detectable panel material in spaces where they will be installed for at least 48 hours before beginning installation. Subsequently, maintain minimum temperature of 40 degrees F in areas where work is completed.
- B. The use of water for work, cleaning or dust control, etc. shall be contained and controlled and shall not be allowed to come into contact with the passengers or public. Provide barricades or screens to protect passengers or public.
- C. Disposal of any liquids or other materials of possible contamination shall be made in accordance with federal state and local laws and ordinances.
- D. Cleaning materials shall have code acceptable low VOC solvent content and low flammability if used on the site.
- E. Contractor shall coordinate phasing and flagging personnel operations as specified elsewhere.

### Guarantee

Cast-in-place detectable panels shall be guaranteed in writing for a period of five years from the date of final acceptance of the project. The guarantee includes defective work, breakage, deformation, fading and chalking of finishes, and loosening of panels.

### Product Manufacturers

Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated in the Work include, but are not limited to, the following:

- A. The Vitrified Polymer Composite (VPC) Cast-In-Place Detectable Panel specified is based on Armor-Tile manufactured by Engineered Plastics Inc. (800-682-2525). Existing engineered and field tested products which are subject to compliance with requirements, may be incorporated in the work and shall meet or exceed the specified test criteria and characteristics. Color: Yellow conforming to Federal Color No. 33538. Color shall be homogeneous throughout the tile.

## CONSTRUCTION

### 613.03.01 GENERAL

*The following is added to this subsection:*

Curb and gutter with a grade of less than 4/10 of 1 percent shall be checked for grade prior to construction and water tested as soon as possible after construction.

*The following subsection is added:*

### 613.03.19 INSTALLATION OF CAST-IN-PLACE DETECTABLE WARNING PANELS

- A. During all concrete pouring and tile installation procedures, ensure adequate safety guidelines are in place and that they are in accordance with the applicable industry and government standards.
- B. The specifications of the concrete sealants and related materials shall be in strict accordance with the contract documents and the guidelines set by their respective manufacturers.
- C. The physical characteristics of the concrete shall be consistent with the contract specifications while maintaining a slump range of 4 - 7 to permit solid placement of the Cast-In-Place Tile System. An overly wet mix will cause the Cast-In-Place System to float, therefore under all conditions suitable weights such as concrete blocks or sandbags (25 lb) shall be placed on each 2' x 2' tile module.
- D. Prior to placement of the Cast-In-Place System, the manufacturer's shop drawings shall be reviewed and a layout drawing prepared by the installation contractor to resolve the issues related to pattern repeat, tile cuts, expansion joints, control joints, platform curves, platform end returns and platform surface interferences.
- E. The concrete pouring and finishing operations require typical mason's tools, however, a mason's line, radius edge (1/8 x 3/16" return) tool, 4' long x 2" wide x 1/8" thick steel straight edge, 25 lb. weights, vibrator wand and small sledge hammer with 2" x 6" x 20" wood tamping plate are specific to the installation of the Cast-In Place System.
- F. The concrete shall be poured and finished level, true and smooth to the required dimensions prior to tile placement. Immediately after pouring concrete, a mason's line should be strung parallel to track to act as a reference line for placement of tile, then the tile assembly shall be placed true to the platform edge and to each other on the concrete. The Cast-In-Place tiles shall be tamped or vibrated into the fresh concrete to ensure that the field level of tile is flush to the adjacent concrete or platform edge surface. The shop drawings indicate that the tile field level (base of truncated dome) is flush to adjacent surfaces to permit proper water drainage and eliminate tripping hazards between adjacent finishes. The tolerance for elevation differences between tile and adjacent surface is 1/16".

- G. Immediately after tile placement, the tile elevation is to be checked to adjacent concrete or rubbing board heights with a steel straight edge. The tile elevation should be set consistent with shop drawings to permit water drainage to or away from track as the platform design dictates.
- H. While concrete is workable a steel edging trowel 1/8" radius x 3/16" return is to be used to edge the tile to adjacent concrete surfaces running parallel to track. While edging, ensure that a clean edge definition is created between tile and adjacent concrete and that tile to concrete elevations meet the shop drawing tolerances.
- I. The placement of Cast-In-Place Tile assemblies to each other and to the mason's line or form edge shall be true and parallel to develop a true line consistent with the platform edge. A tight tile-to-tile placement can best be achieved by raking out the concrete at the butting edge to avoid trapping concrete or aggregate between tiles and/or form edge.
- J. During and after the tile installation and the concrete curing stage, it is imperative that there is no walking, leaning or external forces placed on the tile to rock the tile, causing a void between the underside of tile and concrete.
- K. Following tile placement, review installation tolerances to shop drawings and adjust tile before the concrete sets, suitable weights of 25 lb. shall be placed on each tile and additional weights at tile to tile assemblies as necessary to ensure solid contact of tile underside to concrete.
- L. Following the curing of the concrete with white pigmented curing compound approved by the Engineer, the protective plastic wrap is to be removed from the tile face by cutting the plastic with a sharp knife tight to the concrete/tile interface. If concrete bleeding occurs between tiles, a wire brush will clean the residue without damage to the tile surface.
- M. An elastomeric urethane sealant shall be applied to the tile edges running parallel to the track or curb. Proper surface preparation requires that the tile and adjacent surfaces be mechanically etched with sandpaper or a carbide burr and wiped clean and dry with acetone. Applications of the urethane sealant shall be level to the adjacent surface and a straight line formed to the tile edge. A quality installation of the sealant may require that the tile face be masked off with duct tape to ensure a clean definition of sealant to the adjacent surfaces.

#### Cleaning and Protecting Detectable Warning Panels

- A. Protect panels against damage during construction period to comply with detectable panel manufacturer's specification.
- B. Protect panels against damage from rolling loads following installation by covering with plywood or hardwood.
- C. Clean detectable panels not more than four days prior to date scheduled for inspection intended to establish date of substantial completion in each area of project. Clean detectable panel by method specified by detectable panel manufacturer.

## METHOD OF MEASUREMENT

### 613.04.01 MEASUREMENT

*The following is added to this subsection:*

The quantity of sidewalk and curb and gutter (both reconstruct and new) to be measured for payment will not include the following:

- (A) Sidewalk and curb and gutter abutting proposed drop inlets to 3 feet and 6-inches (3'-6") away from either side of the inlet opening. For existing drop inlets without abutting sidewalk, include measurement for new sidewalk abutting on three sides to property line.
- (B) The replacement of existing sidewalk and curb and gutter where it is removed for the construction of drop inlets, traffic signal systems, interconnect pullboxes, streetlights, and the removal and salvaging of existing streetlights.

Reconstruct Concrete Sidewalk as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per square foot, installed complete and in place.

Reconstruct Type "L" Concrete Curb and Gutter as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per linear foot, installed complete and in place.

Reconstructed Concrete Spandrels shall be poured monolithically with the curb. The curb shall be included in the price bid per square foot for concrete spandrel and no additional payment will be made. Reconstructed Concrete Spandrels, as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per square foot. Reconstructed Concrete Cross Gutters, as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per square foot.

Concrete Sidewalk as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per square foot, installed complete and in place.

Type L Curb and Gutter as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per linear foot, installed complete and in place.

Construct Concrete Commercial Driveway as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per square foot, installed complete and in place. The quantity of commercial driveway will be measured from expansion joint to expansion joint and from lip of gutter to right-of-way. In situations where it is necessary to match existing concrete driveways, measurement will be to the match line.

Cast-in-place detectable warning panels shall be paid for at the unit price bid per each, installed complete and in place.

Reconstruct Median Island Nose as shown on the plans or ordered by the Engineer shall be paid for at the unit price bid per lump sum, installed complete and in place.

Reinforcing steel placed as shown on the plans or ordered by the Engineer, will not be paid for directly, but the cost thereof shall be considered as included in the contract bid price for other associated items of work.

Saw-cutting as shown on the plans or ordered by the Engineer, will not be paid for directly, but the cost thereof shall be considered as included in the contract bid price for other associated items of work.

Signage located within the area of concrete to be removed and replaced shall be salvaged and replaced by the Contractor. The cost to complete this effort shall be included in the contract bid price for other associated items of work.

Utility boxes (i.e. water meters, pull boxes, etc.) located within the section of sidewalk to be removed and replaced shall be adjusted to finish grade by the Contractor. The contractor shall be responsible for coordinating with the utility agencies. The cost to complete this effort shall be included in the contract bid price for other associated items of work.

All existing boxes containing electrical wiring shall be properly grounded and the proper clearances provided. The cost to complete this effort shall be included in the contract bid price for other associated items of work.

Irrigation and landscaping located at the back of the sidewalk ramp shall be properly adjusted to finish grade by the Contractor. The cost to complete this effort shall be included in the contract bid price for other associated items of work.

The Contractor shall be responsible for grinding the asphalt in front of the new curb and gutter, as necessary to provide a smooth transition from the asphalt to the concrete. The cost to complete this effort shall be included in the contract bid price for other associated items of work.

The Contractor shall be responsible for any necessary clearing and grubbing (i.e. removal of shrubs, plants, tree stumps, tree root system, debris, etc.) within the project limits. The cost to complete this effort shall be included in the contract bid price for other associated items of work.

## **BASIS OF PAYMENT**

### **613.05.01 PAYMENT**

The following is added to this subsection:

Compensation for all work required for the reconstruction of concrete sidewalk, for the reconstruction of type "L" concrete curb and gutter, for the reconstruction of concrete curb and gutter **adjacent** to sidewalk ramps, brought up to ADA standards, and for the reconstruction of concrete spandrel/cross gutter will be included in the price bid for the associated items of work.

Compensation for all work required for the concrete sidewalk, for type "L" curb and gutter **adjacent** to sidewalk ramps, brought up to ADA standards, and for the construction of concrete commercial driveway will be included in the price bid for the associated items of work.

Excavation and disposal of removed concrete sidewalk shall be incidental to the "Reconstruct Concrete Sidewalk" bid item.

Excavation and disposal of removed concrete curb and gutter shall be incidental to the "Reconstruct Type "L" Concrete Curb and Gutter" bid item.

Excavation and disposal of removed material (including asphalt sidewalk) shall be incidental to the "Concrete Sidewalk" bid item.

Excavation and disposal of removed material shall be incidental to the "Type L Curb and Gutter" bid item.

Excavation and disposal of removed concrete spandrel/cross gutter shall be incidental to the "Reconstruct Concrete Spandrel/Cross Gutter" bid item.

Excavation and disposal of removed material (including concrete) shall be incidental to the "Construct concrete commercial driveway" bid item.

Compensation for all work required for the Reconstruct Median Island Nose will be included in the price bid for the associated items of work. Type "A" Curb shall be included in the price bid per lump sum for Reconstruct Median Island Nose and no additional payment will be made. Reflective Pavement Markers shall be included in the price bid per lump sum for Reconstruct Median Island Nose and no additional payment will be made. Yellow Paint shall be included in the price bid per lump sum for Reconstruct Median Island Nose and no additional payment will be made. Payment for excavation will be paid under the "Roadway Excavation" bid item and will not be included in the price bid per lump sum for Reconstruct Median Island Nose. Payment for type II aggregate base will be paid under "Type II Aggregate Base" bid item and will not be included in the price bid per lump sum for Reconstruct Median Island Nose. Payment for plantmix bituminous surface will be paid under the "Plantmix Bituminous Surface" bid item and will not be included in the price bid per lump sum for Reconstruct Median Island Nose.

The contract unit price paid for reconstruct concrete sidewalk, reconstruct type "L" concrete curb and gutter, and reconstruct concrete spandrel/cross gutter shall be full compensation for furnishing and placing all materials, saw-cutting, steel reinforcement, forming, compaction and all labor, tools, equipment, and incidentals required to complete the work as shown on the drawings, as specified herein, and as required by the Engineer.

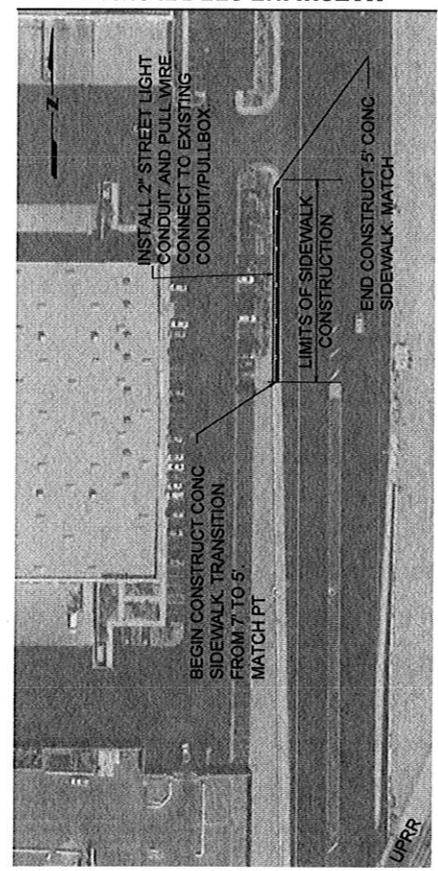
The contract unit price paid for Concrete Sidewalk, Type L Concrete Curb and Gutter, and Construct Concrete Commercial Driveway, shall be full compensation for furnishing and placing all materials, saw-cutting, concrete, steel reinforcement, forming, compaction, Type II aggregate base, and all labor, tools, equipment, and incidentals required to complete the work as shown on the drawings, as specified herein, and as required by the Engineer. Type II Aggregate base used for Concrete Sidewalk shall be incidental to the "Concrete sidewalk" bid item. Type II Aggregate base used for Type L Curb and Gutter shall be incidental to the "Type L curb and gutter" bid item. Type II Aggregate base used for Construct Concrete Commercial Driveway, shall be incidental to the "Construct concrete commercial driveway" bid item.

Reinforcing steel placed in commercial driveways, as shown on the plans or ordered by the Engineer, will not be paid for directly, but the cost thereof shall be considered as included in the contract bid price for commercial driveways.

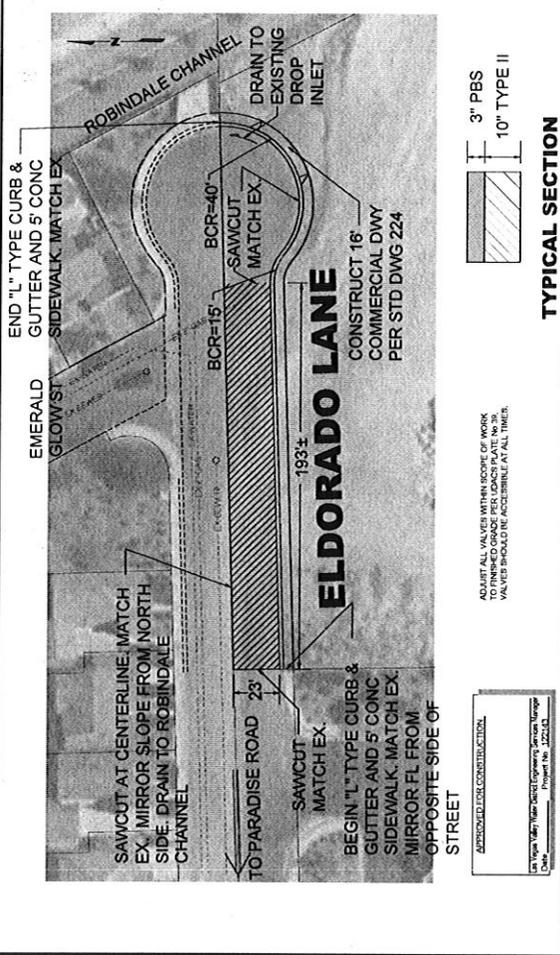
The contract unit price paid per each cast-in-place detectable warning panel (5' X 2') shall be full compensation for, furnishing and placing all materials, including the panels, adhesives, sealants, anchors, saw-cutting, compaction and all labor, tools, equipment, and incidentals required to complete the work as shown on the drawings, as specified herein, and as required by the Engineer.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
Reconstruct Concrete Sidewalk	SF
Reconstruct Type "L" Concrete Curb and Gutter	LF
Reconstruct Concrete Spandrel / Cross Gutter	SF
Construct Concrete Commercial Driveway	SF
Cast-in-Place Detectable Warning Panel (5' X 2')	EA
Reconstruct Median Island Nose	LS
Concrete Sidewalk	SF
Type L Concrete Curb and Gutter	LF



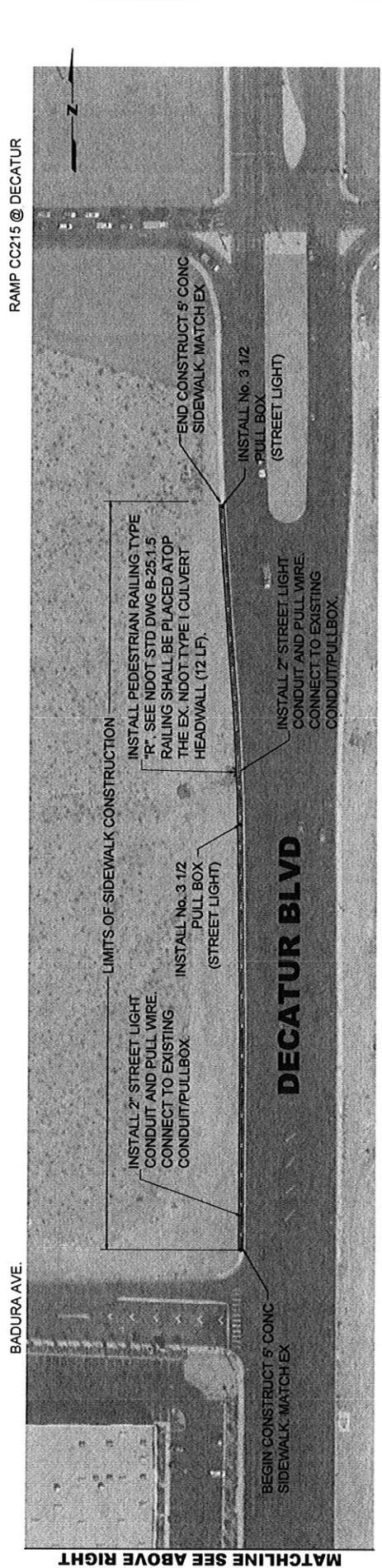
MATCHLINE SEE BELOW LEFT



TYPICAL SECTION

ADJUST ALL VALVES WITHIN SCOPE OF WORK TO FINISHED GRADE PER LATCH PLATE NO. 30. VALVES SHOULD BE RECHECKED AT ALL TIMES.

APPROVED FOR CONSTRUCTION  
 Clark County Public Works Department  
 Project No. 222143



MATCHLINE SEE ABOVE RIGHT

REV. NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY:	R. Falcon / Bob	SCALE:	NA	SHEET NO.	3
DRAWN BY:	Bob	HORIZ:	NA	PROJECT NO.	130316A
CHECKED BY:	R. Falcon	VERT:	NA	L-2001	
DATE:	Nov 15, 2013 - 4:12pm	FIELD BOOK:	NONE	WORK ORDER:	DD07-0005

	
<b>ADA SIDEWALK RAMPS</b> DECATUR BLVD SOUTH OF CC-215 / ELDORADO LANE SIDEWALK CONSTRUCTION PLAN CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS	