### DESCRIPTION

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### FILL HEIGHT RANGE TABLE (F.H.)

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### END TREATMENT

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### PIPE CORROSION

- NORTHERN AVE. £

### REMARKS

- CB40 to BC6
- CB41 to BC5
- CB42 to BC6
- CB43 to BC6
- CB44 to BC6
- CB45 to J55
- CB46 to CHANNEL
- CB47 to CHANNEL
- CB47 to CHANNEL

### NEW PIPE SUMMARY SHEET

- Pipe Diameter
- Material
- Length
- Joint Type
- Installation Method
- Date of Installation

**Note:** The entries in the table are indicative of the pipe sizes and end treatments used in the project. The REMARKS section highlights certain transitions and materials used, such as CB40 to BC6, CB41 to BC5, and CB42 to BC6, among others.
OVER EXCAVATION & RECOMPACTION WITH GEOGRID BASE REINFORCEMENT

NOTES:
(1) Roadway Embankment heights greater than 3' above existing grade do not require Over Excavation & Recompaction/Replacement.

(2) Total Roadway Embankment height plus Over Excavation depth shall be 1', minimum.

(3) The soil within the Over Excavation zone shall be removed and recompacted or replaced. Recompaction of the soil within the limits of the Over Excavation zone shall be performed to achieve at least 95% of the maximum dry density and within 1% of the optimum moisture content as determined in accordance with A/7 Zone Test Method 225 (Standard Proctor). The Recompaction shall also comply with Section 203 and 205 of the standard specifications.

(4) See Cross Sections for depths of Over Excavation.

(5) All Excavation Shown In this Detail Shall be Packed Under Blt Item No. 105050, Excavation, Unless Otherwise Noted.

(6) All Work for Geogrid Base Reinforcement Shall be Packed Under Blt Item No. 3060002, Geogrid Base Reinforcement.

(7) Geogrid Shall be Placed on Top of Finished Subgrade Prior to Placement of Aggregate Base Per Section 306 of the PC/COT Standard Specifications.


(9) All Work for Separation Geotextile Fabric Shall be Packed Under Blt Item No. 2080001, Separation Geotextile Fabric.

(10) Separation Geotextile Fabric Shall be Placed Below Geogrid Per Section 206 of the PC/COT Standard Specifications.

DEPRESSED CURB DRIVeway TURNOUT
NORTHERN AVEnUE STA 103+83

12" Concrete Header
See Detail RD01

Projected Edge of Pavement

Concrete Vertical Curb
See Detail RD08

DEPRESSED CURB DRIVeway TURNOUT

See TPOI for Pavement Structural Sections

Driveway Control
Northern Avenue Sta 103+83

12" Concrete Header
See Detail RD01

Driveway Turnout Profile

Concrete Header at Unpaved Driveways
See Off. RD01

Match Exit, Grd.

6" Concrete Header at Unpaved Driveways
See Off. RD01

Pavt. Structural Sec. No. 7

Driveway Turnout Profile -
CONCRETE HEADER AND NO DRIVEWAY APRON

See Driveway Plan & Profile Sheets
DWI-DW30

Match Exit, Grd.

Concrete Header at Unpaved Driveways
See Off. RD01

Pavt. Structural Sec. No. 6

Driveway Turnout Profile -
MULTI-USE PATH MATCHES INTO DRIVeway

See Driveway Plan & Profile Sheets
DWI-DW30

Match Exit, Grd.

Concrete Header at Unpaved Driveways
See Off. RD01

Pavt. Structural Sec. No. 6

Driveway Turnout Profile -
DEPRESSED CURB DETAIL

Multi-Use Path Where Applicable. See Plans.

Sidewalk Where Applicable. See Plans.

Concrete Curb
See RD06 (Typ.)

Ramp Way Limits

Alternate Sidewalk Location

Access Ramp Control Point
See Table This Sheet for Location.

Detachable Warning Strip 6' X 2' (Typ.)
See Detail RD06

Rough Broom Finish Use (Typ.)

Blended Transition (Typ.)

Provide Minimum of 6' of Sidewalk Along Curve (Typ.)

Blended Transition

6' Minimum, 15' Maximum

Slope 5% Min. and 8.33% (12") Max.

NOTES:


2. Drainage Inlets are Not Permitted within Crosswalks or within 10' of an Access Ramp.

3. Type 2 Single Curb Access Ramp Shall be Paved for Under Bid then No. 9080281, Curb Access Ramp, PC/CDT Std. Dtl. 207 (Type B).

4. See Table This Sheet for Ramp Location, Curb Access Ramp Should be Oriented to Align with the Crosswalk or Stop Line, Median Refuge Area, and with the Opposite Access Ramp in the Direction of Pedestrian Travel.

5. Refer to the Staking Sheets for Additional Grading.

SECTION X-X

Type 3 Directional Curb Access Ramp

Control Point

Location

Magas Rd., 441+39.06, 43.00' RH.

Magas Rd., 454+35.59, 43.00' LH.

Magas Rd., 484+57.47, 66.13' RH.

DETAIL RD06

Type 2 Single Curb Access Ramp

BLENDED TRANSITION DETAIL

Ramp Curb Shell Match Top of Adjacent Sidewalk Outside of Ramp Limits

6' x 12" (Min.)
Extend to Bottom of Adjacent Sidewalk

2% Min.

Sustainability

1/2" Bithomais Exp. Jr.

Detachable Warning Strip

22 Mils.

Embedded In Concrete

1/8" Radius

22 Mils.

Flow Line

Match Gutter

Sidewalk Ramp Control Point

6' Sidewalk Ramp Width

2' Width

1/8" Radius

6' Width

2% Min.

RD06

Type 2 Single Curb Access Ramp

SCALE: N.T.S.

Sheet 2007 of RD3 Page 26 of 273
NOTE:
2. See PC/COT Std. Cir. 200 for Joint Requirements.
3. Drainage Inlets are Not Permitted within Crosswalks or within 10' of an Access Ramp.
4. Refer to the Staking Sheets for Additional Grading.
5. Sawed Concrete Header to Match Pedestrian Crosswalk Striping.
6. This Median Refuge Area Median Nose Shall be Paid for Under Item 1001.
7. See Geometric Data Sheets and Staking Sheets for Additional Information.
8. Control Points (CPX) Represents the Midpoint of the Ramp.

SECTION A-A

Median Refuge Area Median Nose Control Data

<table>
<thead>
<tr>
<th>Control Point</th>
<th>Station &amp; Offset</th>
<th>Elevation</th>
<th>Slope Between Control Points</th>
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<tbody>
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<td>Magee Rd. 453+56.15, 15.38' Lt.</td>
<td>2533.83</td>
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<td>Magee Rd. 453+56.15, 11.62' Lt.</td>
<td>2533.65</td>
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<td>CP3</td>
<td>Magee Rd. 463+09.66, 6.38' Lr.</td>
<td>2551.40</td>
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<td>Magee Rd. 463+19.88, 11.62' Lt.</td>
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<td>Magee Rd. 480+17.31, 18.00' Lt.</td>
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* Median Refuge Area and Median Nose shall be built per ADOT Std. C-05.30 and C-05.40. See Sheet PF06.
**DETAIL RD12**

Curb Transition Section
6" Conc. Vertical Curb to Curb and Gutter

**DETAIL RD13**

Curb Transition Section
6" Conc. Vertical Curb to Conc. Wedge Curb

**DETAIL RD14**

Curb Transition Section
6" Conc. Vertical Curb to Curb Terminal Section to Conc. Header
DETECTABLE WARNING STRIP PLAN

NOTES FOR DETECTABLE WARNING SURFACE

1. General Information: Detectable Warnings shall consist of a Surface of Truncated Domes Aligned in a Square or Radial Grid Pattern in the Direction of Travel, and shall Comply with R94A of the Draft Public Rights-of-Way Accessibility Guidelines.

2. Dome Sizes: Truncated Domes in a Detectable Warning Surface Shall have a Base Diameter of 0.9 in. Minimum to 1.4 in. Maximum, a Top Diameter of 0.5 Percent of the Base Diameter Minimum to 65 Percent of the Base Diameter Maximum, and a Height of 0.2 in.

3. Dome Spacing: Truncated Domes in a Detectable Warning Surface Shall have a Center-to-Center Spacing of 1.6 in. Minimum and 2.4 in. Maximum and a Base-to-Base Spacing of 0.65 in. Minimum Measured Between the Most Adjacent Domes.

4. Color Contrasts: Detectable Warning Surfaces Shall Contrast Visually with Adjacent Gutter, Street or Highway, or Natural Surface, Either Rights-of-Way or Base-to-Base;

5. Slits: Detectable Warning Surfaces Shall Extend 1/4 in. Minimum In the Direction of Travel and the Full Width of the Curb Ramp (Exclusive of Flares), the Landing, or the Blended Transition.

6. No Other Point of the Leading Edge of the Detectable Warning may be More Than 5 Feet from the Back of Curb.

7. Detectable Warning Strip is Included In the Cost of the Respective Curb Access Ramp.

DETAIL RD16
Detectable Warning Strip

FLUSH MEDIAN - MAGEE RD. STA. 430+57 TO 431+22

FLUSH MEDIAN - MAGEE RD. STA 470+95 TO 471+61

DETAIL RD17
Flush Median (Fire Truck Access)