

Bradford Avenue ADA Ramp Replacement

CITY OF ROSEBURG PROJECT # 24PW07

GENERAL NOTES:

- 1.THE 2021 EDITION OF THE OREGON STANDARD SPECIFICATIONS FOR CONSTRUCTION PREPARED BY THE OREGON DEPARTMENT OF TRANSPORTATION AND THE AMERICAN PUBLIC WORKS ASSOCIATION OREGON CHAPTER WILL BE CONSIDERED THE STANDARD SPECIFICATIONS.
- 2.IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AND PAY FOR ALL APPLICABLE PERMITS, LICENSES AND CERTIFICATES RELATIVE TO THE TRADES TO COMPLETE THE PROJECT AND FOR THE USE OF SUCH WORK WHEN COMPLETED. COMPLIANCE SHALL BE AT ALL LEVELS, FEDERAL, STATE, COUNTY, AND LOCAL, RELATING TO THE PERFORMANCE OF THE WORK.
- 3.IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND ARRANGE FOR THE RELOCATION OF ANY UTILITIES IN CONFLICT WITH THE PROPOSED CONSTRUCTION. THE LOCATIONS, DEPTH AND DESCRIPTION OF EXISTING UTILITIES SHOWN WERE COMPILED FROM AVAILABLE RECORDS. THE ENGINEER OR UTILITY COMPANIES DO NOT GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. ADDITIONAL UTILITIES, OTHER THAN THOSE SHOWN, MAY EXIST WITHIN THE WORK AREA.
4. OREGON LAW REQUIRES THAT THE RULES ADOPTED BY OREGON UTILITY NOTIFICATION CENTER BE FOLLOWED. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER OR ACCESSING VIA INTERNET AT WWW.CALL BEFORE YOU DIG.ORG. CALL BEFORE YOU DIG - 811.
5. THE CONTRACTOR SHALL MAKE PROVISIONS TO KEEP ALL EXISTING UTILITIES IN SERVICE AND PROTECT THEM DURING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY DAMAGED UTILITIES USING MATERIALS AND METHODS APPROVED BY THE UTILITY OWNER. NO SERVICE INTERRUPTIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN AGREEMENT WITH THE UTILITY PROVIDER.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE CITY OF ROSEBURG 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION AND 24 HOURS BEFORE RESUMING WORK AFTER SHUTDOWNS, EXCEPT FOR NORMAL RESUMPTION OF WORK FOLLOWING SATURDAYS, SUNDAYS, OR HOLIDAYS.
7. CONTRACTOR SHALL REMOVE AND DISPOSE OF CONCRETE, ASPHALT CEMENT, TOPSOIL, AND OTHER MATERIAL IN THE WORK LIMITS AND WHERE INDICATED ON THE PLANS. MATERIAL SHALL BE DISPOSED OF IN SUCH A MANNER AS TO MEET ALL APPLICABLE REGULATIONS. CONTRACTOR SHALL ENSURE RECIPIENTS OF FILL MATERIALS REMOVED OFFSITE ARE PERMITTED TO RECEIVE SAID MATERIALS REGARDLESS OF THE RECEIVING JURISDICTION.
8. LIMIT HOURS OF PAVING AND COLD PLANE PAVEMENT REMOVAL FOR NW KLINE STREET TO BETWEEN 7:00 PM AND 7:00 AM. LIMIT HOURS OF ALL OTHER CONSTRUCTION TO BETWEEN 7:00 AM TO 6:00 PM. EXCEPT FOR THE 24" ASPHALT CONCRETE PAVEMENT REPAIR, CONSTRUCTION IN ALL PROJECT AREAS IS PROHIBITED ON SATURDAYS AND SUNDAYS. ALL CONSTRUCTION IS PROHIBITED ON HOLIDAYS. SEE SECTION 00220 OF THE SPECIAL PROVISIONS FOR ALLOWABLE LANE CLOSURES.
9. THE CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ON THE PROJECT SITE AT ALL TIMES.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE THE START OF WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND OTHERWISE VERIFY ALL DIMENSIONS AND EXISTING CONSTRUCTION CONDITIONS INDICATED AND/OR SHOWN ON THE PLANS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTED TO THE ENGINEER FOR CLARIFICATION OR CORRECTION.
11. ANY INSPECTION BY THE CITY, COUNTY, STATE, FEDERAL AGENCY OR ENGINEER SHALL NOT, IN ANYWAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN COMPLIANCE WITH THE APPLICABLE CODES, REGULATIONS, CITY STANDARDS AND PROJECT CONTRACT DOCUMENTS.
12. CONTRACTOR SHALL COORDINATE ALL IMPROVEMENT LIMITS WITH THE ENGINEER ONSITE PRIOR TO BEGINNING WORK. NO PAYMENT WILL BE MADE FOR EXTRA WORK THAT IS CONSTRUCTED BEYOND THE APPROVED CONSTRUCTION LIMITS.
13. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL CLEAN UP THE PROJECT AREA AND LEAVE IT IN A NEAT AND SECURED MANNER. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE FROM ALL DEBRIS AND UNUSED MATERIALS.
14. PROPERTY LINES SHOWN ON PLAN SHEETS ARE APPROXIMATE AND FOR GENERAL DELINEATION PURPOSES ONLY AND ARE NOT MEANT TO REPRESENT THE ACTUAL PROPERTY BOUNDARIES.
15. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL CONSTRUCTION SAFETY, HEALTH AND OTHER RULES AND REGULATIONS FROM OSHA, DEQ, STATE, AND LOCAL REGULATING AGENCIES FOR SAFETY AND INSTALLATION OF THE WORK INCLUDING, BUT NOT LIMITED TO, SHORING, BRACING, ERECTION/INSTALLATION, FALL PROTECTION, GUARDRAILS, ETC.
16. REPLACE CURBS, SIDEWALKS, AND/OR DRIVEWAY APRONS THAT ARE DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS. REPLACE FULL SECTIONS TO THE NEAREST EXISTING CONSTRUCTION. REPLACEMENT WILL BE CONSIDERED INCIDENTAL TO THE WORK.
17. PROTECT FRESHLY POURED CONCRETE CURBS AND SIDEWALK FROM VANDALISM OR OTHER DAMAGE FOR A MINIMUM OF TWENTY-FOUR (24) HOURS OR UNTIL CURED ENOUGH TO SUPPORT TYPICAL USE, WHICHEVER IS LONGER. ANY CURB OR SIDEWALK DAMAGED BY VANDALISM OR OTHER CAUSES SHALL BE REPLACED AT NO COST TO THE CITY.
18. CONTRACTOR SHALL RESTORE ALL DISTURBED LANDSCAPING AND IRRIGATION. PLACE TOPSOIL, AGGREGATE, AND/OR BARK MULCH WHERE SHOWN.
19. FURNISH AND PLACE DOWELS TO JOIN NEW CONCRETE WALKS, CURBS AND DRIVEWAYS TO EXISTING CONCRETE AS DIRECTED.
20. DURING CONSTRUCTION OF 24" ACP REPAIR, CONTRACTOR TO PROVIDE TEMPORARY DRAINAGE HOLES IN INLETS WITHIN REPAIR AREA TO MAINTAIN ADEQUATE SURFACE DRAINAGE DURING CONSTRUCTION.

TRAFFIC CONTROL NOTES:

- 1.TRAFFIC CONTROL/DETOUR PLANS SHALL BE PROVIDED BY CONTRACTORS BEFORE CONSTRUCTION, AND APPROVED BY CITY PRIOR TO PRE-CONSTRUCTION CONFERENCE.
- 2.THE CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, ODOT STANDARD DRAWINGS/STANDARD SPECIFICATIONS, AND CONTRACT SPECIAL PROVISIONS
- 3.USE TEMPORARY PAVEMENT MARKERS, BARRIERS, BARRICADES, AND SIGNS AS REQUIRED TO SAFELY DETOUR PEDESTRIAN AND VEHICULAR TRAFFIC AROUND CONSTRUCTION. LABEL TYPE AND LOCATION FOR ALL ITEMS ON TRAFFIC CONTROL PLANS.
- 4.APPROPRIATE METHODS OF PEDESTRIAN AND VEHICULAR TRAFFIC CONTROL, INCLUDING FLAGGERS, SHALL BE EMPLOYED BY THE CONTRACTOR TO THE EXTENT DEEMED NECESSARY BY THE TRAFFIC CONTROL SUPERVISOR AND AS APPROVED BY THE CITY AND THE ENGINEER TO PROTECT WORKERS OR THIRD PARTIES AND SAFELY ACCOMMODATE TRAFFIC THROUGH THE WORK ZONE.
- 5.THE CONTRACTOR SHALL COORDINATE ACCESS TO DRIVEWAYS WITH PROPERTY OWNERS. ACCESS TO ROADWAY APPROACHES WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED AT ALL TIMES. TRAFFIC PLATE SHALL BE USED, AND SECURED IN A MANNER ACCEPTABLE TO THE CITY, ACROSS ALL TRENCHES BLOCKING DRIVEWAYS TO PROVIDE ACCESS AT ALL TIMES. AT NO TIME SHALL CONTRACTORS DETAIN OR DELAY EMERGENCY VEHICLES.
- 6.THE CONTRACTOR SHALL COORDINATE ACCESS FOR SERVICES INCLUDING, BUT NOT LIMITED TO, MAIL DELIVERY, TRASH PICKUP, SCHOOL TRANSPORTATION, AND ANY OTHER SPECIAL TRANSPORTATION SERVICES THAT EXIST WITHIN THE PROJECT AREA.
- 7.EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION SIGNING SHALL BE COVERED OR REMOVED DURING CONSTRUCTION AND REPLACED AFTER CONSTRUCTION.
- 8.PROVIDE ACP WEDGES FOR LONGITUDINAL AND TRANSVERSE JOINTS ACCORDING TO 00620.40(d), 00744.44 AND 00744.45.
- 9.THE CONTRACTOR SHALL PROVIDE SAFE, STABLE ACCESS TO ALL DRIVEWAY AND PEDESTRIAN PATHS CONNECTING TO FRONT DOORS AT ALL TIMES. TEMPORARY INTERRUPTIONS IN ACCESS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE PROPERTY OWNER OR OCCUPANT AS REQUIRED.
10. CONTRACTOR SHALL FURNISH PORTABLE CHANGEABLE MESSAGE SIGN AT WORK ZONES ON ARTERIAL ROADS IN ACCORDANCE WITH THE SPECIFICATIONS.
11. COORDINATE WITH CITY OF ROSEBURG AND ODOT SIGNAL OPERATIONS PRIOR TO DISTURBANCE OF EXISTING TRAFFIC SIGNAL LOOPS. SEE SPECIFICATIONS FOR CONTACT INFORMATION.

PAVING NOTES:

1. TRIM VEGETATION AS NEEDED PRIOR TO PAVING TO ENSURE ALL VEGETATION IS CLEAR OF PAVING OPERATIONS.
2. ALL EDGES REMAINING AFTER COLD PLANE PAVEMENT REMOVAL SHALL BE VERTICAL TO ACCEPT THE SUCCEEDING FULL DEPTH ASPHALT LIFT.
3. ALL JOINTS BETWEEN NEW ASPHALTIC CONCRETE AND EXISTING OR NEW ASPHALTIC CONCRETE AND CONCRETE SHALL BE TACKED AND SAND SEALED.
4. PROVIDE MINOR ADJUSTMENTS IN GRADE OF NEW A.C. AS REQUIRED TO FACILITATE DRAINAGE INTO STORM DRAINAGE FACILITIES. NO PONDING SHALL OCCUR BETWEEN CATCH BASINS FOLLOWING CONSTRUCTION.
5. THE MAXIMUM EXPOSURE AT DRIVEWAYS SHALL BE 3/4-INCH.
6. WHERE PAVEMENT IS TO BE REPLACED TO MATCH EXISTING GRADE ADJACENT TO EXISTING CURB, CONTRACTOR SHALL MARK EXISTING CURB FLOW LINE WITH PAINT PRIOR TO A.C. SURFACING REMOVAL.
7. COORDINATE WITH CITY STAFF FOR IN-GROUND VALVE, MANHOLE OR VAULT ADJUSTMENT OF FRANCHISE UTILITY ASSETS.

SIDEWALK RAMP DRAWING NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL AMERICANS WITH DISABILITIES (ADA) REQUIREMENTS AS DEFINED BY THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES. DETAILS AND DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS TO MEET ADA REQUIREMENTS. SHOULD ANY DISCREPANCY EXIST, THE CONTRACTOR SHALL NOTIFY CITY ENGINEER FOR CLARIFICATION OR CORRECTION BEFORE PROCEEDING .
2. COMPLETE SIDEWALK CONSTRUCTION PRIOR TO FINAL STREET PAVING.
3. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFY SURVEYING AND STAKING NECESSARY FOR CONSTRUCTION. CONTRACTOR TO COMPLETE ALL SURVEY/STAKING AS NEEDED USING INFORMATION CONTAINED IN THE PLANS AND ADJUST AS NECESSARY TO MEET ADA REQUIREMENTS. ADDITIONAL INFORMATION OR CLARIFICATION BY THE ENGINEER MAY BE AVAILABLE UPON REQUEST, BUT IS NOT GUARANTEED. SURVEYED FIELD LAYOUT SHALL BE REVIEWED BY THE ENGINEER PRIOR TO DEMOLITION AND CONCRETE PLACEMENT.
4. THE MAXIMUM CLOSURE TIME FOR ANY SINGLE CURB RAMP SHALL BE 7 CALENDAR DAYS. SUBMIT TRAFFIC CONTROL PLAN AND PEDESTRIAN DETOUR PLAN FOR RAMP CLOSURES. PLAN SHALL INCLUDE, BUT IS NOT LIMITED TO, WORK AREA PROTECTION, SIDEWALK CLOSURES AND DETOURS.

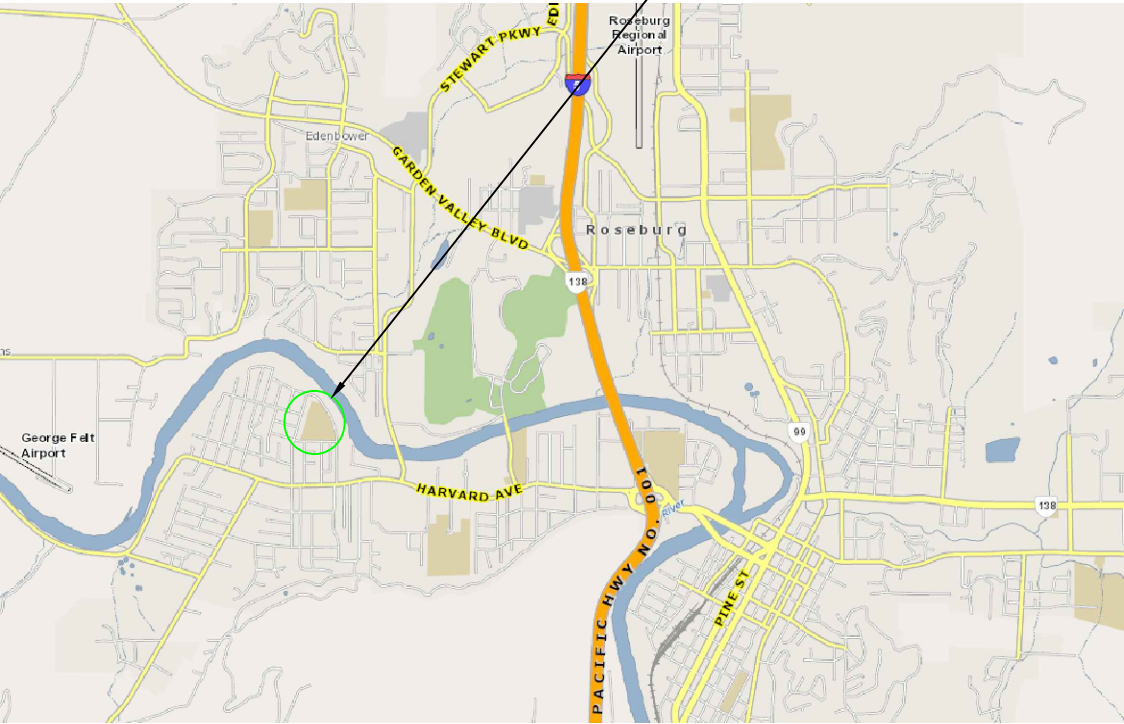
SHEET INDEX

SHEET #1	COVER SHEET
SHEET #2	PLAN VIEW
SHEET #3-#9	ADA RAMP DETAIL BY INTERSECTION
SHEET #11	NEW 8" STORM LINE AT W FAIR AND W BRADFORD
SHEET #12-#20	STANDARD DETAILS
SHEET #21	RAMP CURB TRANSISION & GUTTER DETAILS
SHEET B-1 & B-2	SCHEDULE B WORK

VICINITY MAP

Not To Scale

Project Location



LEGEND

	CATCH BASIN (CB)
	SANITARY MANHOLE (MH)
	STORM MANHOLE
	STS
	STORM LINE
	AVISTA GAS LINE
	WATER LINE
	RUSA LINE
	NEW THERMOPLASTIC PAVEMENT MARKINGS



Bradford Avenue ADA
Ramp Replacement

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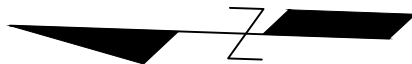


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SHEET:	1/21

DATE:	1/29/2024
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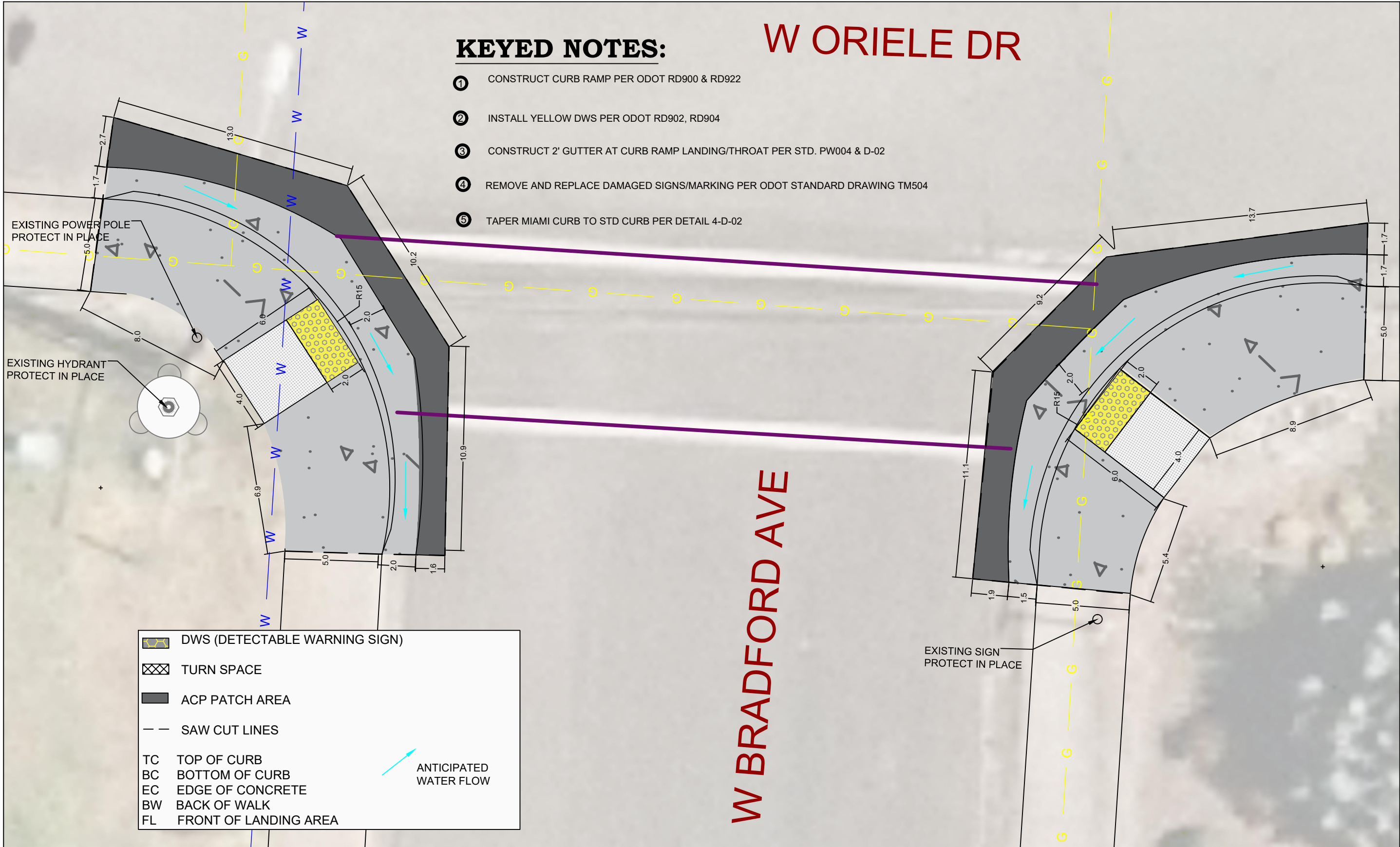
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Bradford Avenue ADA
Ramp Replacement
Project # 24PW07


DATE:	1/29/2024	DESIGN:	RGH
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
KEYED NOTES:

- ① CONSTRUCT CURB RAMP PER ODOT RD900 & RD922
- ② INSTALL YELLOW DWS PER ODOT RD902, RD904
- ③ CONSTRUCT 2' GUTTER AT CURB RAMP LANDING/THROAT PER STD. PW004 & D-02
- ④ REMOVE AND REPLACE DAMAGED SIGNS/MARKING PER ODOT STANDARD DRAWING TM504
- ⑤ TAPER MIAMI CURB TO STD CURB PER DETAIL 4-D-02

 DWS (DETECTABLE WARNING SIGN)

 TURN SPACE

 ACP PATCH AREA

 SAW CUT LINES

TC

TOP OF CURB

BC

BOTTOM OF CURB

EC


EDGE OF CONCRETE

BW

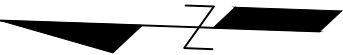
BACK OF WALK

FL

FRONT OF LANDING AREA

 ANTICIPATED WATER FLOW

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Bradford Avenue ADA
Ramp Replacement

Project # 24PW07

DATE: 1/29/2024

DESIGN: RGH

REVISIONS

DRAWN: GZV

1.

SCALE: 1"=5'

2.

SHEET: 3/21

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KEYED NOTES:

- 1 CONSTRUCT CURB RAMP PER ODOT RD900 & RD922
- 2 INSTALL YELLOW DWS PER ODOT RD902, RD904
- 3 CONSTRUCT 2' GUTTER AT CURB RAMP LANDING/THROAT PER STD. PW004 & D-02
- 4 PREP AND INSTALL THERMOPLASTIC SIGNS/MARKING PER ODOT STANDARD DRAWING TM504
- 5 TAPER MIAMI CURB TO STD CURB PER DETAIL 4-D-02

DWS (DETECTABLE WARNING SIGN)

TURN SPACE

ACP PATCH AREA

--

SAW CUT LINES

TC

TOP OF CURB

BC

BOTTOM OF CURB

EC

EDGE OF CONCRETE

BW

BACK OF WALK

FL

FRONT OF LANDING AREA

ANTICIPATED WATER FLOW

RUSA MAHOLE
DEPTH=5.9'

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SCALE: 1"=5'

SHEET: 4/21

Bradford Avenue ADA
Ramp Replacement

Project # 24PW07

CITY OF ROSEBURG
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Public Works Department


W BRADFORD


KEYED NOTES:

- 1 CONSTRUCT CURB RAMP PER ODOT RD900 & RD910
- 2 INSTALL YELLOW DWS PER ODOT RD902, RD904
- 3 CONSTRUCT 2' GUTTER AT CURB RAMP LANDING/THROAT PER STD. PW004 & D-02
- 4 REMOVE AND PREP TO INSTALL NEW SIGNS/MARKING PER ODOT STANDARD DRAWING TM504
- 5 TAPER MIAMI CURB TO STD CURB PER DETAIL 4-D-02

 DWS (DETECTABLE WARNING SIGN)

 TURN SPACE

 ACP PATCH AREA

 SAW CUT LINES


TC TOP OF CURB

BC BOTTOM OF CURB

EC EDGE OF CONCRETE

BW BACK OF WALK

FL FRONT OF LANDING AREA

 ANTICIPATED WATER FLOW

W FAIR ST



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DRAWN: GZV

SCALE: 1"=5'

SHEET: 5/21

DATE: 1/29/2024

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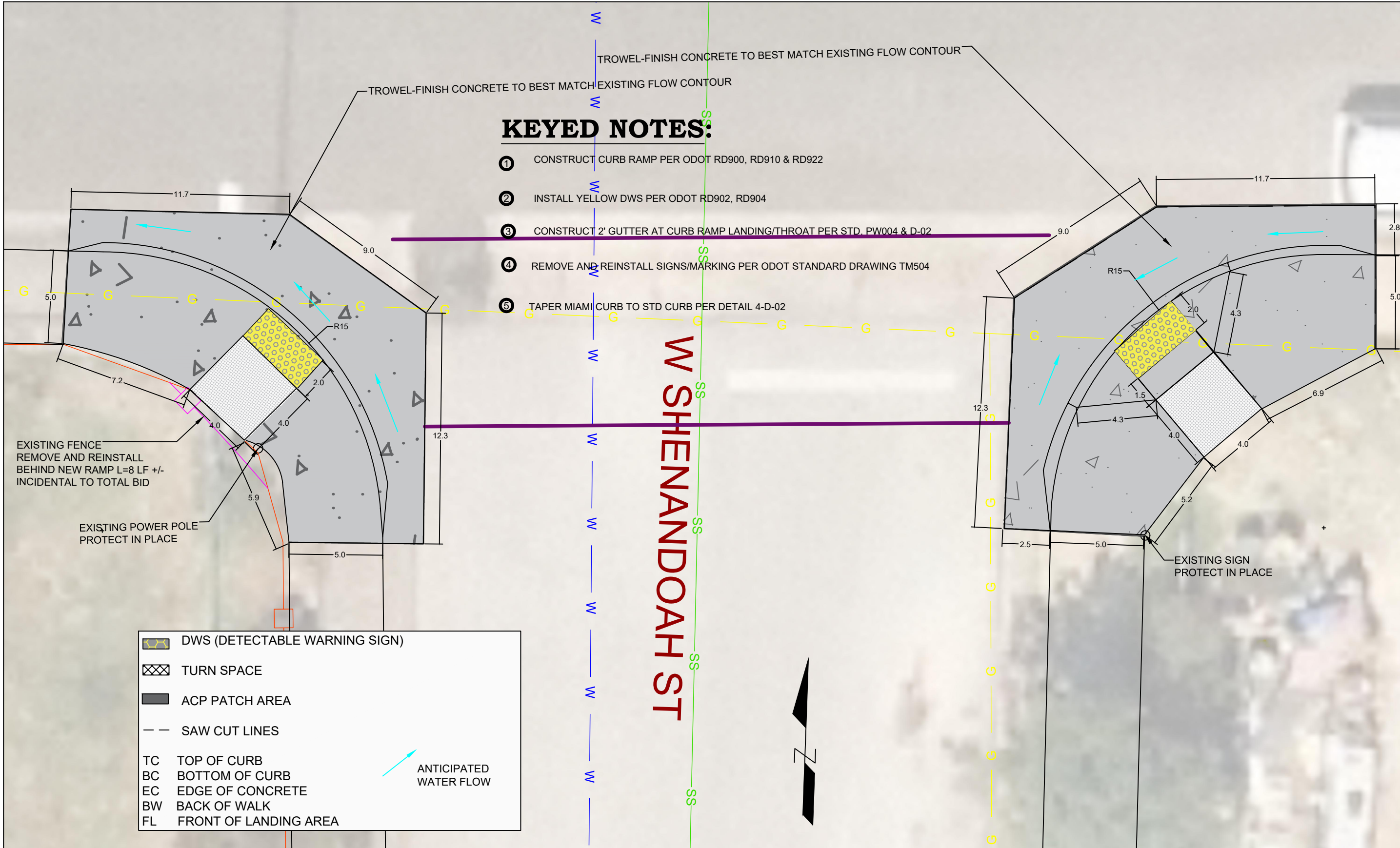
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- ② INSTALL YELLOW DWS PER ODOT RD902, RD904
- ③ CONSTRUCT 2' GUTTER AT CURB RAMP LANDING/THROAT PER STD. PW004 & D-02
- ④ REMOVE AND REINSTALL SIGNS/MARKING PER ODOT STANDARD DRAWING TM504
- ⑤ TAPER MIAMI CURB TO STD CURB PER DETAIL 4-D-02

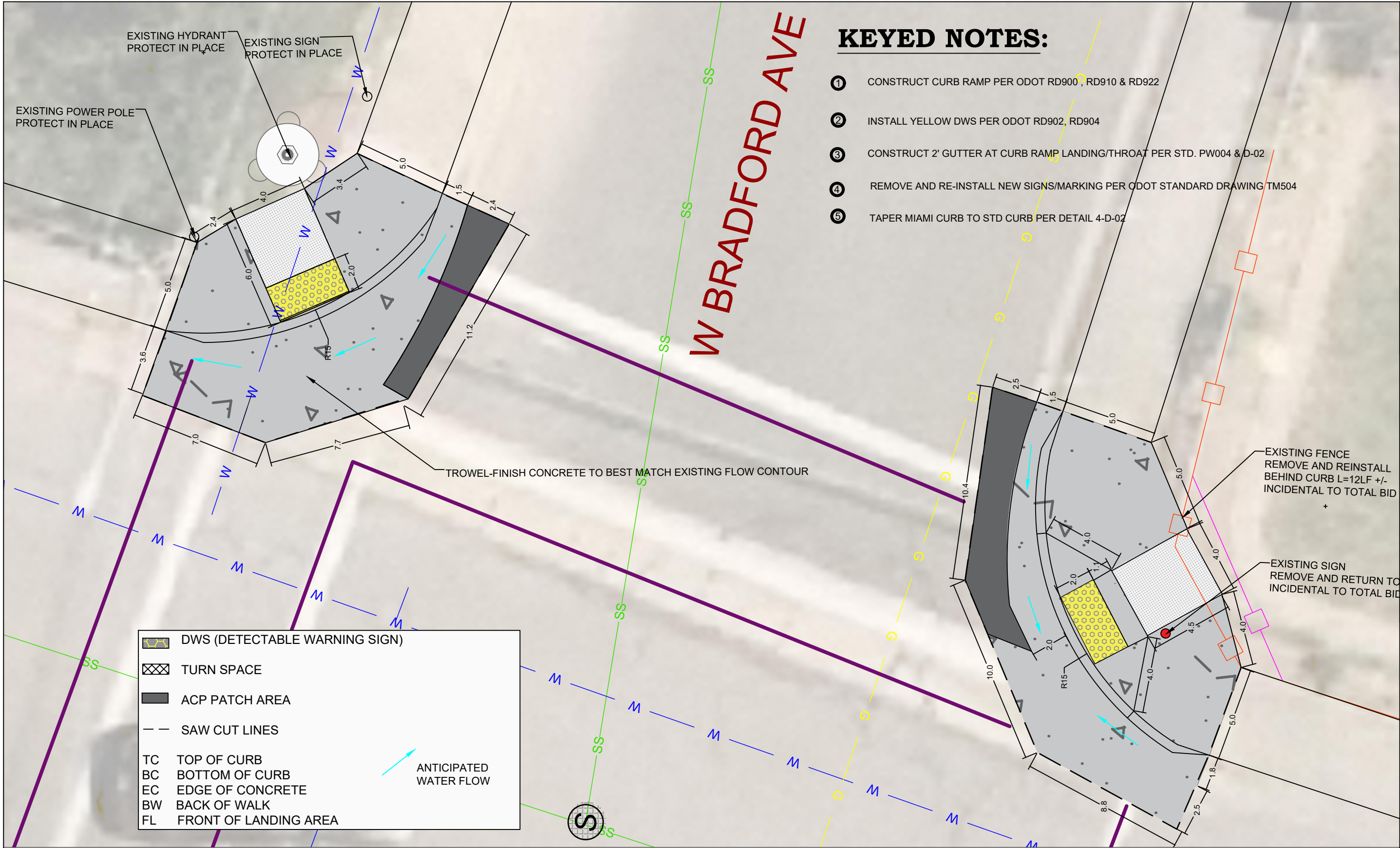
DWS (DETECTABLE WARNING SIGN)
 TURN SPACE
 ACP PATCH AREA
 SAW CUT LINES
 TC TOP OF CURB
 BC BOTTOM OF CURB
 EC EDGE OF CONCRETE
 BW BACK OF WALK
 FL FRONT OF LANDING AREA

ANTICIPATED WATER FLOW

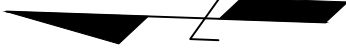
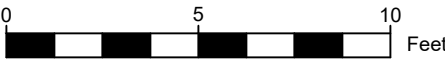
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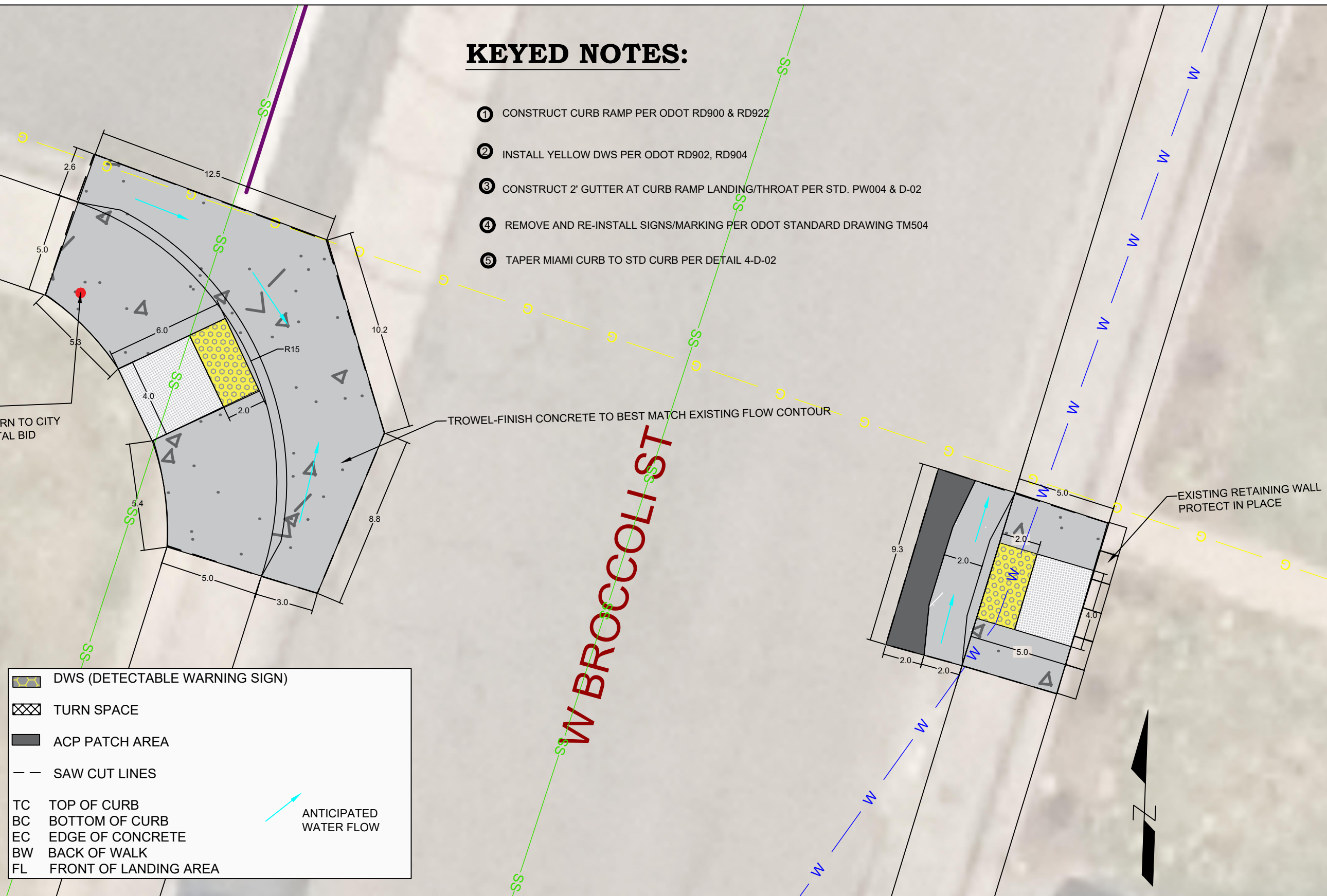
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KEYED NOTES:

- 1 CONSTRUCT CURB RAMP PER ODOT RD900 & RD922
- 2 INSTALL YELLOW DWS PER ODOT RD902, RD904
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- 5 TAPER MIAMI CURB TO STD CURB PER DETAIL 4-D-02

EXISTING SIGN
REMOVE AND RETURN TO CITY
INCIDENTAL TO TOTAL BID

TROWEL-FINISH CONCRETE TO BEST MATCH EXISTING FLOW CONTOUR

EXISTING RETAINING WALL
PROTECT IN PLACE

DWS (DETECTABLE WARNING SIGN)

TURN SPACE

ACP PATCH AREA

SAW CUT LINES

TC

BC

EC

BW

FL

TOP OF CURB

BOTTOM OF CURB

EDGE OF CONCRETE

BACK OF WALK

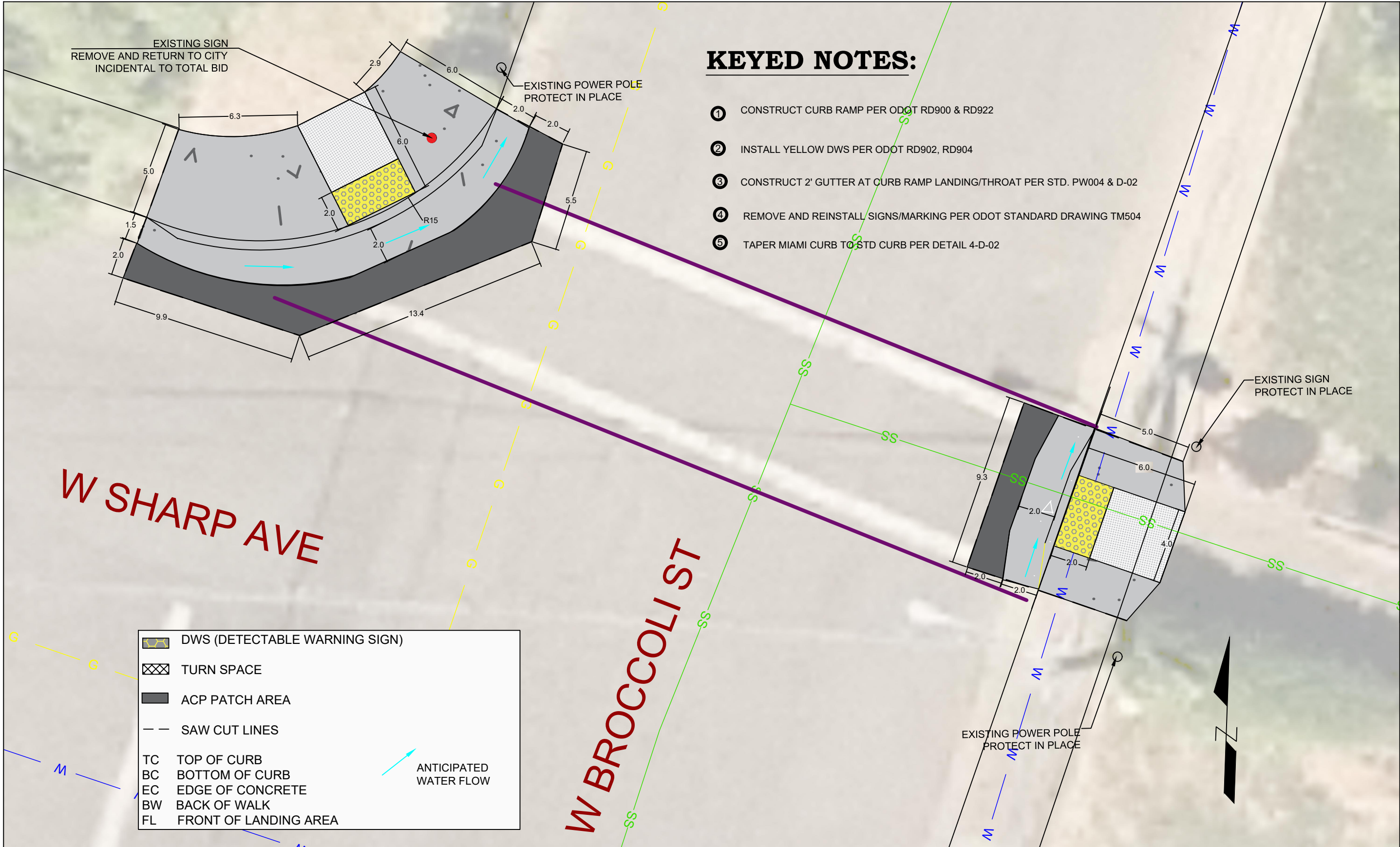
FRONT OF LANDING AREA

ANTICIPATED WATER FLOW

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DWS (DETECTABLE WARNING SIGN)

TURN SPACE

ACP PATCH AREA

SAW CUT LINES

TC

TOP OF CURB

BC

BOTTOM OF CURB

EC

EDGE OF CONCRETE

BW

BACK OF WALK

FL

FRONT OF LANDING AREA

ANTICIPATED WATER FLOW

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DESIGN: RGH
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SCALE: 1"=5'
SHEET: 9/21

DATE: 1/29/2024

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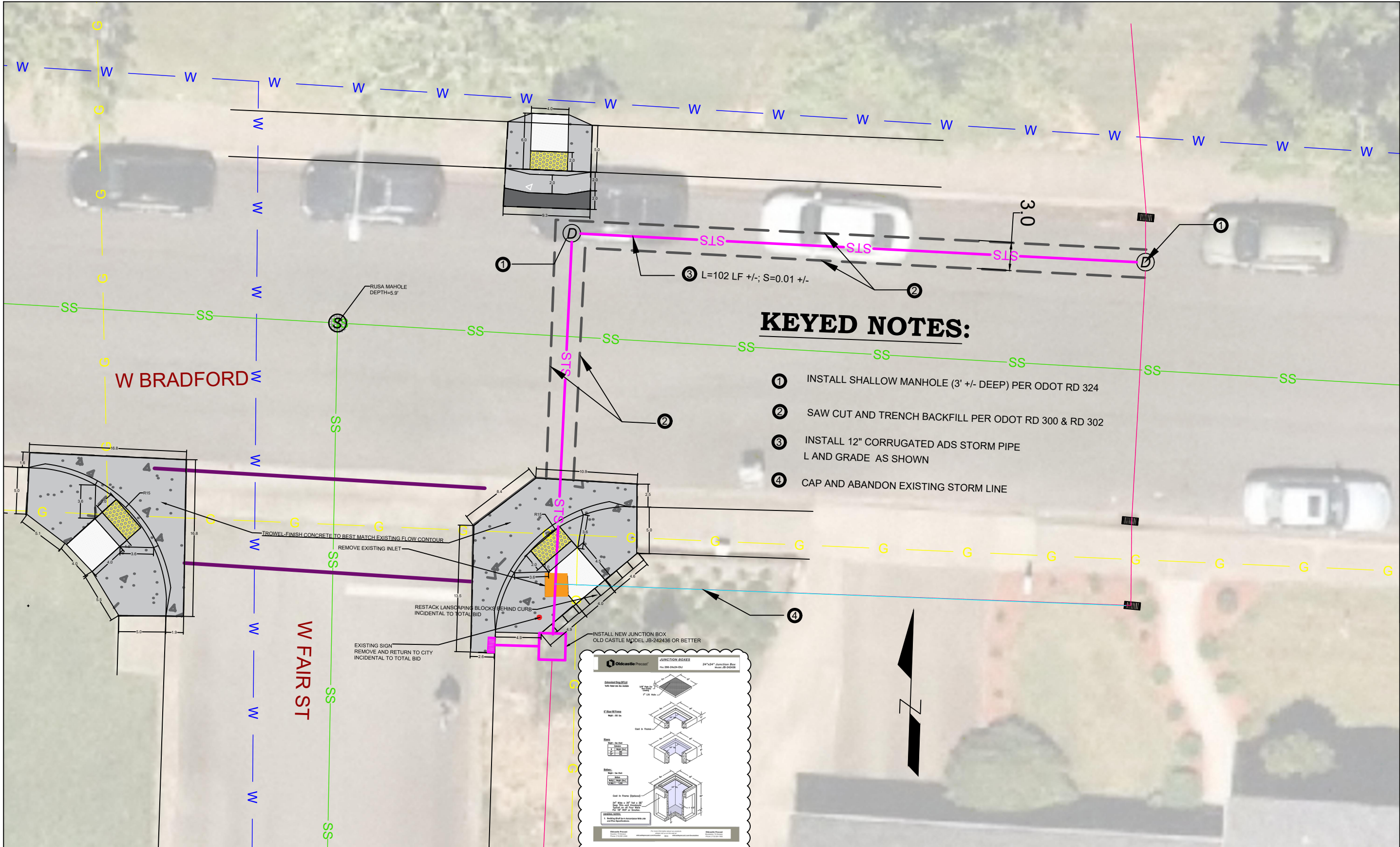
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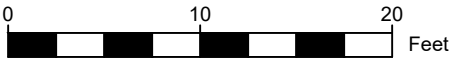
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DATE:	1/29/2024
REVISIONS	
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SCHEDULE B WORK

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EXISTING SIGN
REMOVE AND RETURN TO CITY
INCIDENTAL TO TOTAL BID


TROWEL-FINISH CONCRETE TO BEST MATCH EXISTING FLOW CONTOUR


EXISTING SIGN
PROTECT IN PLACE

EXISTING HYDRANT
PROTECT IN PLACE

 DWS (DETECTABLE WARNING SIGN)

 TURN SPACE

 ACP PATCH AREA

 SAW CUT LINES

TC

TOP OF CURB

BC

BOTTOM OF CURB

EC


EDGE OF CONCRETE

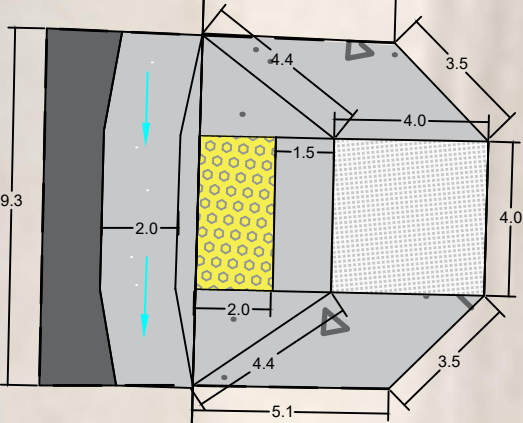
BW

BACK OF WALK

FL

FRONT OF LANDING AREA

 ANTICIPATED WATER FLOW



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REVISIONS

SCALE: 1"=5'

SHEET: B-1

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Public Works Department



SCHEDULE B WORK

KEYED NOTES:

- 1 CONSTRUCT CURB RAMP PER ODOT RD900 & RD922
- 2 INSTALL YELLOW DWS PER ODOT RD902, RD904
- 3 CONSTRUCT 2' GUTTER AT CURB RAMP LANDING/THROAT PER STD. PW004 & D-02
- 4 REMOVE AND RE-INSTALL SIGNS/MARKING PER ODOT STANDARD DRAWING TM504
- 5 TAPER MIAMI CURB TO STD CURB PER DETAIL 4-D-02

DWS (DETECTABLE WARNING SIGN)

TURN SPACE

ACP PATCH AREA

SAW CUT LINES

TC

TOP OF CURB

BC

BOTTOM OF CURB

EC

EDGE OF CONCRETE

BW

BACK OF WALK

FL

FRONT OF LANDING AREA

ANTICIPATED
WATER FLOW

W
O
R
I
O
L
E
D
R

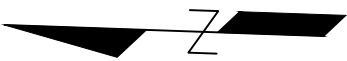
EXISTING WATER VALVE
PROTECT IN PLACE

EXISTING SIGN
PROTECT IN PLACE

INSTALL NEW G2 INLET
PER ODOT RD 364

INSTALL 12" ASD STORM DRAIN L =18 LF +/-
CONNET TO EXISTING CURB INLET

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG



DESIGN:	RGH
DRAWN:	GZV
SCALE:	1"=5'
SHEET:	B-2

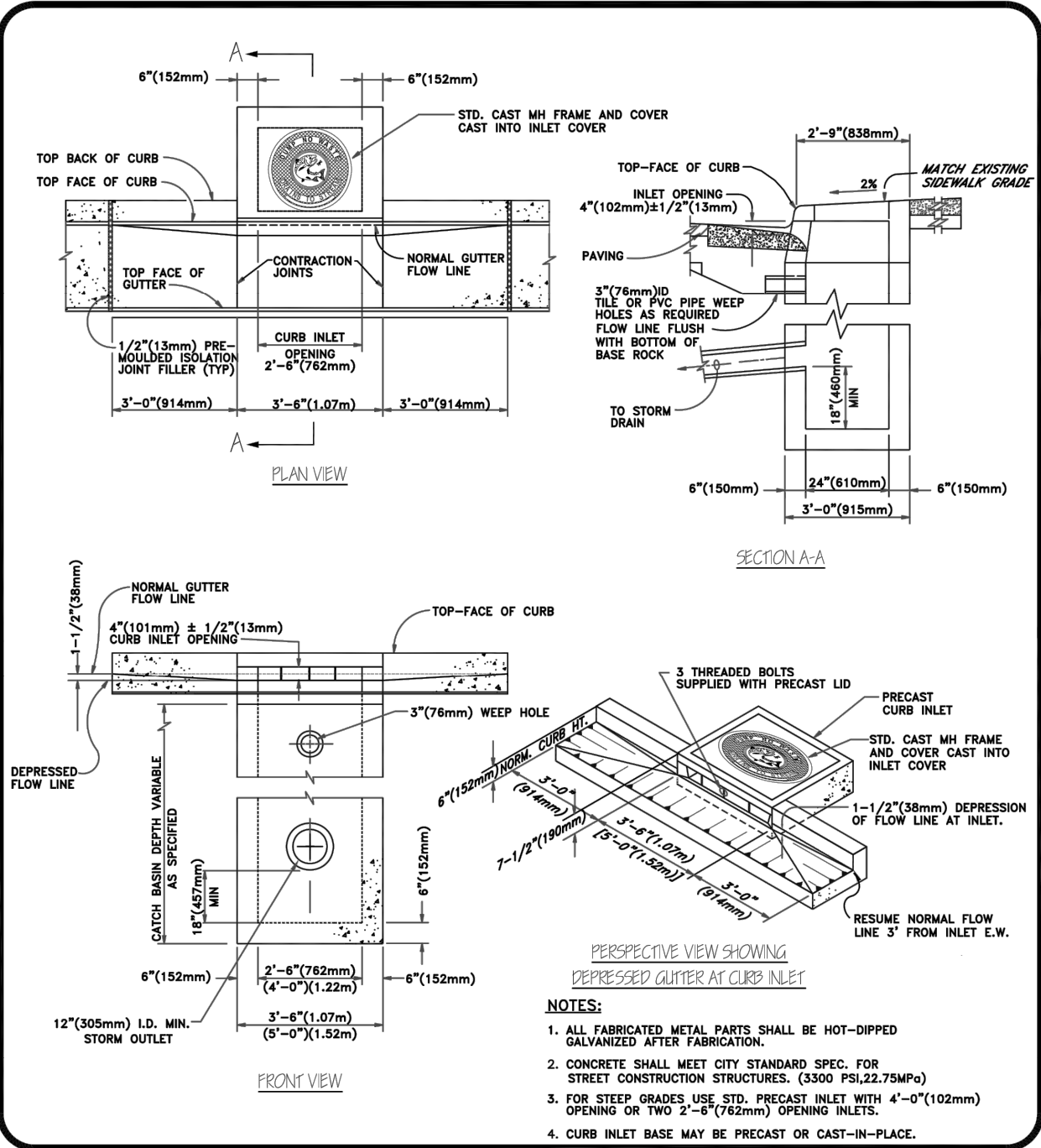
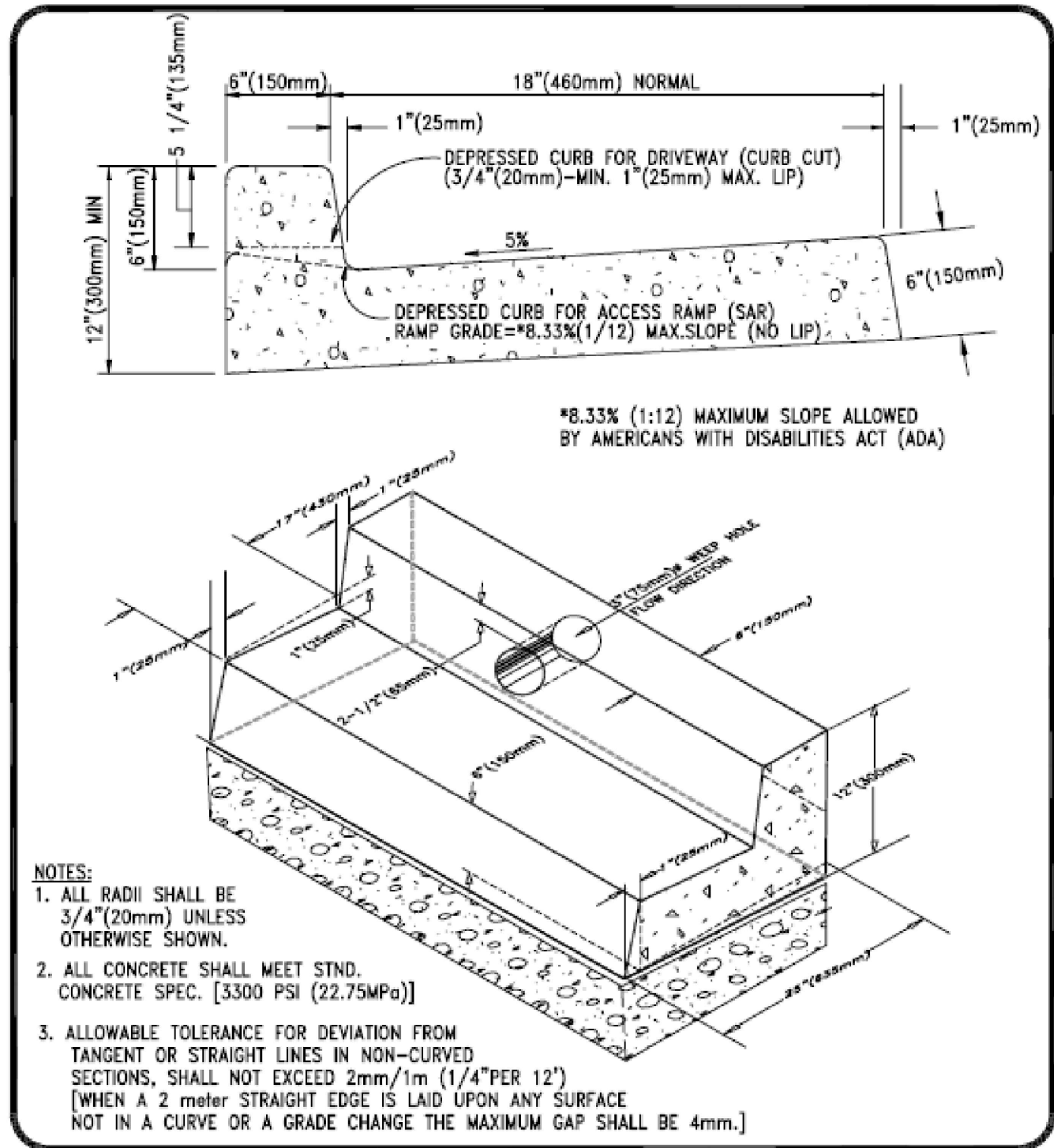
DATE:	1/29/2024
REVISIONS	
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Bradford Avenue ADA
Ramp Replacement

Project # 24PW07

CITY OF ROSEBURG
Public Works Department

Dawn Easley- DIRECTOR
Public Works Department



CITY OF ROSEBURG PUBLIC WORKS DEPARTMENT CHRIS S. BERQUIST, DIRECTOR		DATE: 6/24/94	SCALE: NTS
		BY: NAJ	CHK: RLP
		DRWN: RLP	REV: 9/11/95
		APPRVD: CSB	REV: 2/05/04
PROJECT No: N/A		REV:	



CITY OF ROSEBURG PUBLIC WORKS DEPARTMENT CHRIS S. BERQUIST, DIRECTOR		DATE:	SCALE: NTS
		BY: RLP	CHK:
		DRWN: RLP	REV: 2/28/95
		APPRVD: CSB	REV: 8/22/03
PROJECT No: N/A		REV:	













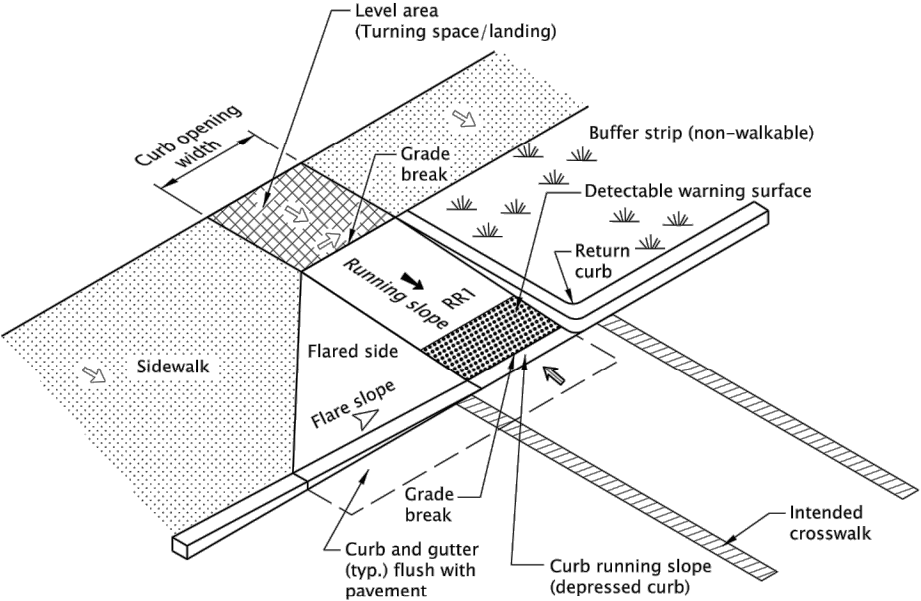
ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

DESIGN: RGH	DATE: 1/29/2024				
DRAWN: GZV	REVISIONS:	1.	2.	3.	4.
SCALE: N/A					
SHEET: 12/21					
Bradford Avenue ADA Ramp Replacement Project # 24PW07					
CITY OF ROSEBURG Public Works Department Dawn Easley- DIRECTOR Public Works Department					

CURB RAMP INDEX

STD. DWG. NO.	STD. DWG. TITLE
RD900	Curb Ramp Components And Legend
RD901	Curb Ramp Legend And Corner Identification
RD902	Detectable Warning Surface Details
RD904	Detectable Warning Surface Placement For Curb Ramps
RD905	Detectable Warning Surface Placement For Directional Curbs
RD906	Detectable Warning Surface Placement For Accessible Route Island
RD908	Detectable Warning Surface Placement
RD909	Detectable Guide Strip Placement At Bike Ramps
RD910, RD912	Perpendicular Curb Ramp
RD913	Perpendicular Curb Ramp With Closure
RD916	Perpendicular Curb Ramp Single Ramp
RD920	Parallel Curb Ramp
RD922	Parallel Curb Ramp Single Ramp
RD930, RD932 & RD936	Combination Curb Ramp
RD938	Combination Curb Ramp Single Ramp
RD940	Blended Transition Curb Ramp Single Ramp
RD950 & RD952	End Of Walk Curb Ramp
RD960	Unique Curb Ramp

LEGEND:	
	Marked or intended crossing location
	Sidewalk or other traversable surface
	Detectable warning surface (DWS)
	Level area (Turning space/landing)
	Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
	Running slope 4.0% max. (Max. 4.9% finished surface slope)
	Running slope 7.5% max. (Max. 8.3% finished surface slope)
	Counter slope 4.0% max. ascending or descending (Max. 5.0% finished surface slope) Slope as required for drainage
	Flare slope (Max. 10.0% finished surface slope)
	4'x4' clear space
RR1	Ramp Run Position 1



TYPICAL CURB RAMP SYSTEM COMPONENTS
(PERPENDICULAR TYPE SHOWN)

<i>The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.</i>	All materials shall be in accordance with the current Oregon Standard Specifications.	
	OREGON STANDARD DRAWINGS	
	CURB RAMP COMPONENTS AND LEGEND	
	2024	
DATE	REVISION DESCRIPTION	
07-2020	NEW DRAWING CREATED	
07-2021	REVISED DETAILS AND NOTES	
01-2022	REVISED LEGEND	
CALC. BOOK NO.	N/A	SDR DATE 14-JAN-2022 RD900

Effective Date: December 1, 2023 – May 31, 2024

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

DESIGN:RGH
DRAWN:GZV
SCALE:N/A
SHEET:13/21

DATE:1/29/2024
REVISIONS:
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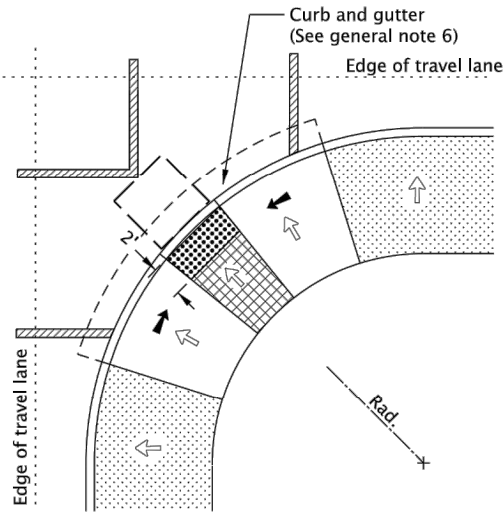
Bradford Avenue ADA
Ramp Replacement
Project # 24PW07

CITY OF ROSEBURG
Public Works Department
Dawn Easley- DIRECTOR
Public Works Department



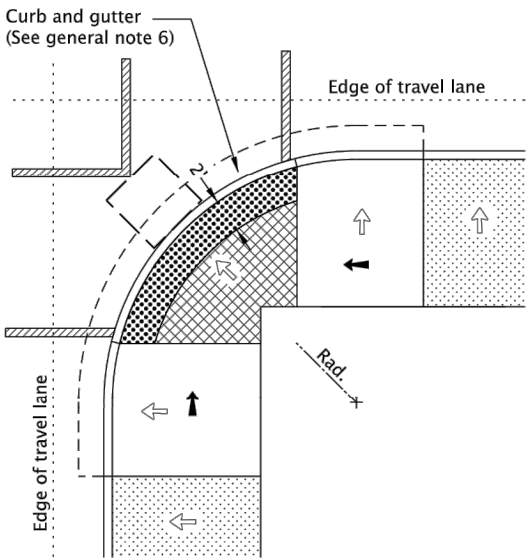
20-JUL-2020

RD922.dgn



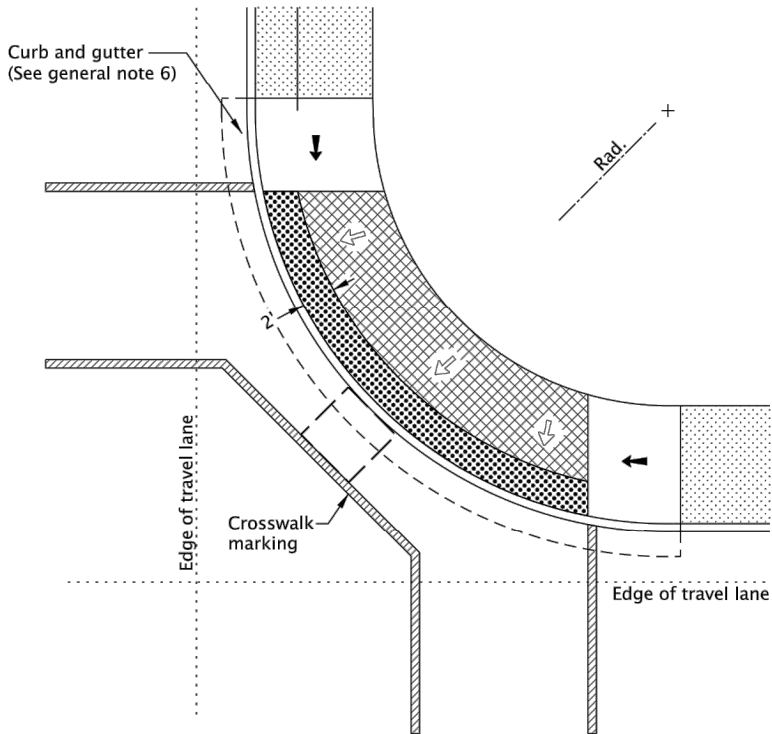
**DIAGONAL PARALLEL CURB RAMP
OPTION "PL-3"**

(Use only when site constraints prohibit installing two curb ramps)



**DEPRESSED CURB RAMP SMALL RADIUS
OPTION "PL-4"**

(Use only when site constraints prohibit installing two curb ramps)



**DEPRESSED CURB RAMP LARGE RADIUS
OPTION "PL-5"**

(Use only when site constraints prohibit installing two curb ramps)

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See project plans for details not shown.
See Std. Dwgs. RD700 & RD701 for curbs.
See Std. Dwgs. RD720 & RD721 for sidewalks.
See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details.
See Std. Dwg. RD920 for parallel curb ramp details.
3. Tooled dummy joints are required at all curb ramp slope break lines, (see Std. Dwg. RD722).
4. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
5. Place an inlet at upstream side of curb ramp or perform other approved design mitigation.
Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
6. On or along state highways, curb and gutter is required at curb ramps.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. Only use curb ramp options allowed by jurisdiction. Single ramps require design exceptions on or along state highways.

LEGEND:

- Marked or intended crossing location
- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
Unobstructed 4.5' x 4.5'
With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
- Running slope 7.5% max.
(Max. 8.3% finished surface slope)
- 4'x4' clear space

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
PARALLEL CURB RAMP SINGLE RAMP			
2024			
DATE	REVISION DESCRIPTION		
07-2020	NEW DRAWING CREATED		
CALC. BOOK NO.	N/A	SDR. DATE	20-JUL-2020
RD922			

Effective Date: December 1, 2023 – May 31, 2024

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

DESIGN:RGH
DRAWN:GZV
SCALE:N/A
SHEET:14/21

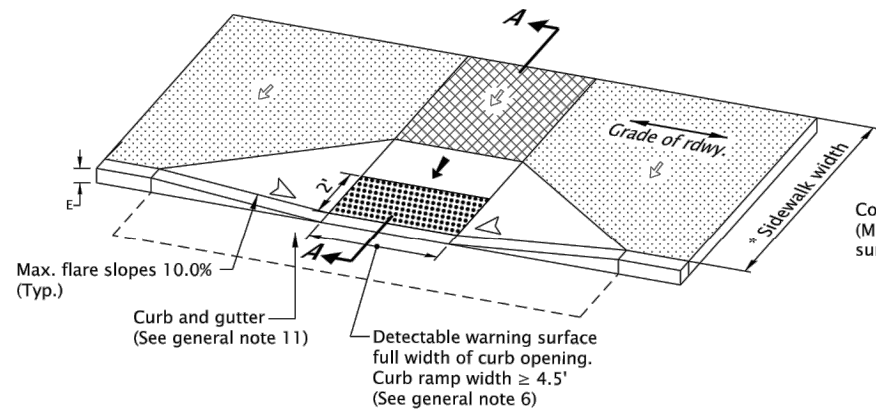
DATE:1/29/2024
REVISIONS
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Bradford Avenue ADA
Ramp Replacement
Project # 24PW07

CITY OF ROSEBURG
Public Works Department
Dawn Easley- DIRECTOR
Public Works Department

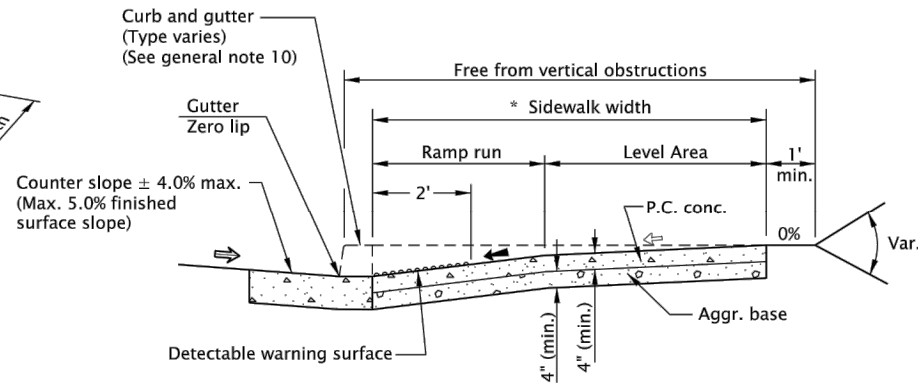
rd910.dgn 20-JUL-2020

RD910



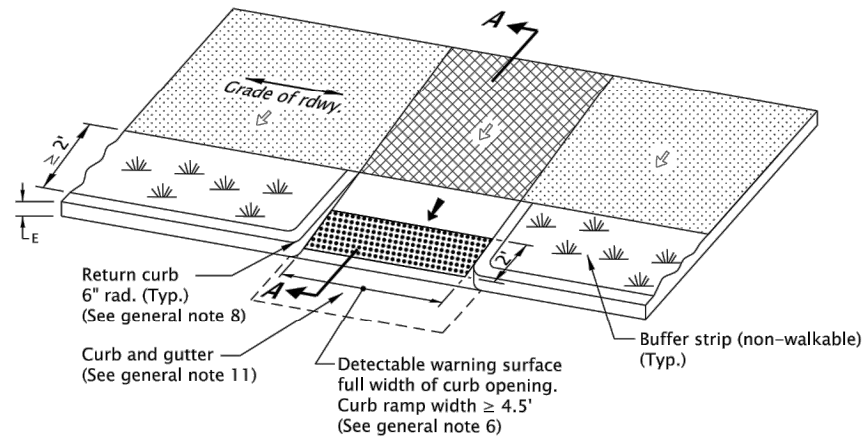
PERPENDICULAR CURB RAMP DETAIL

(Use "Parallel Curb Ramp Detail" or "Combination Curb Ramp Detail" when reqd. turning space cannot be obtained)

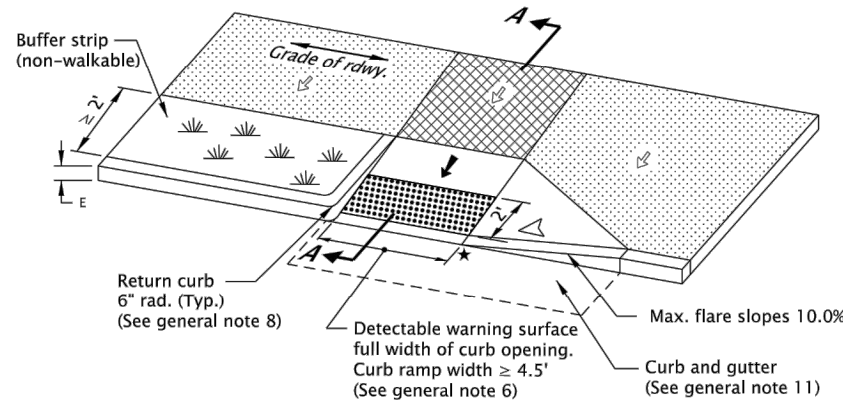


SECTION A-A

* NOTE: Minimum width of 14.25 feet sidewalk for E=7"



THROUGH BUFFER STRIP



WITH SINGLE FLARE

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Curb ramp details are based on applicable ODOT Standards.
2. See Std. Dwgs. RD700 & RD701 for curbs. See Std. Dwgs. RD720 & RD721 for sidewalks. See Std. Dwgs. RD902 through RD908 for detectable warning surface installation details. See Std. Dwgs. RD912 through RD916 for curb ramp placement options.
3. Site conditions normally require a project specific design. See project plans for details not shown.
4. Tooled dummy joints are required at all curb ramp grade break lines, (see Std. Dwg. RD722).
5. Curb ramp slopes shown are relative to the true level horizon (zero bubble).
6. Place detectable warning surface at the back of curb for a minimum depth of 2' in the direction of pedestrian travel full width of curb ramp opening that is adjacent to traffic.
7. Grade breaks at the top and bottom of curb ramp runs shall be perpendicular to the direction of the ramp run. Grade breaks shall not be permitted on the surface of ramp runs and turning spaces. Surface slopes that meet at grade breaks shall be flush.
8. Return curb may be provided in lieu of flared slope only if protected from traverse travel by landscaping, see Std. Dwg. RD721. Return curb shall not reduce width of approaching sidewalk.
9. Curb ramps for shared use paths intersecting a roadway shall be full width of path, excluding flares. When a curb ramp is used to provide bicycle access from a roadway to a sidewalk, the curb ramp opening will be ≥ 8' wide.
10. Place an inlet at upstream side of curb ramp or perform other approved design mitigation. Check the gutter flow depth at curb ramp locations to assure that the design flood does not overtop the back of sidewalk.
11. On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

- Sidewalk
- Detectable warning surface
- Level area (Turning space/landing)
Unobstructed 4.5' x 4.5'
With obstruction 4.5' x 5.5' (Longer dimension in direction of pedestrian street crossing).
For the purposes of this application, a max. 2.0% finished surface slope (for drainage) measured perpendicular in two directions is considered level.
- Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
- Running slope 7.5% max.
(Max. 8.3% finished surface slope)
- Counter slope 4.0% max. ascending or descending,
(Max. 5.0% finished surface slope)
Slope as required for drainage
- Flare slope
(Max. 10% finished surface slope)

CALC. BOOK NO. N/A

SDR DATE 20-JULY-2020

NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

PERPENDICULAR CURB RAMP

2021

DATE	REVISION	DESCRIPTION
07-2020	DRAWING CREATED	

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

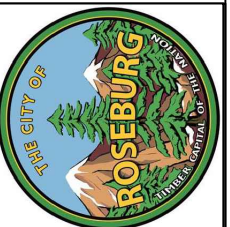
Effective Date: December 1, 2021 – May 31, 2022

RD910

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

Bradford Avenue ADA
Ramp Replacement
Project # 24PW07

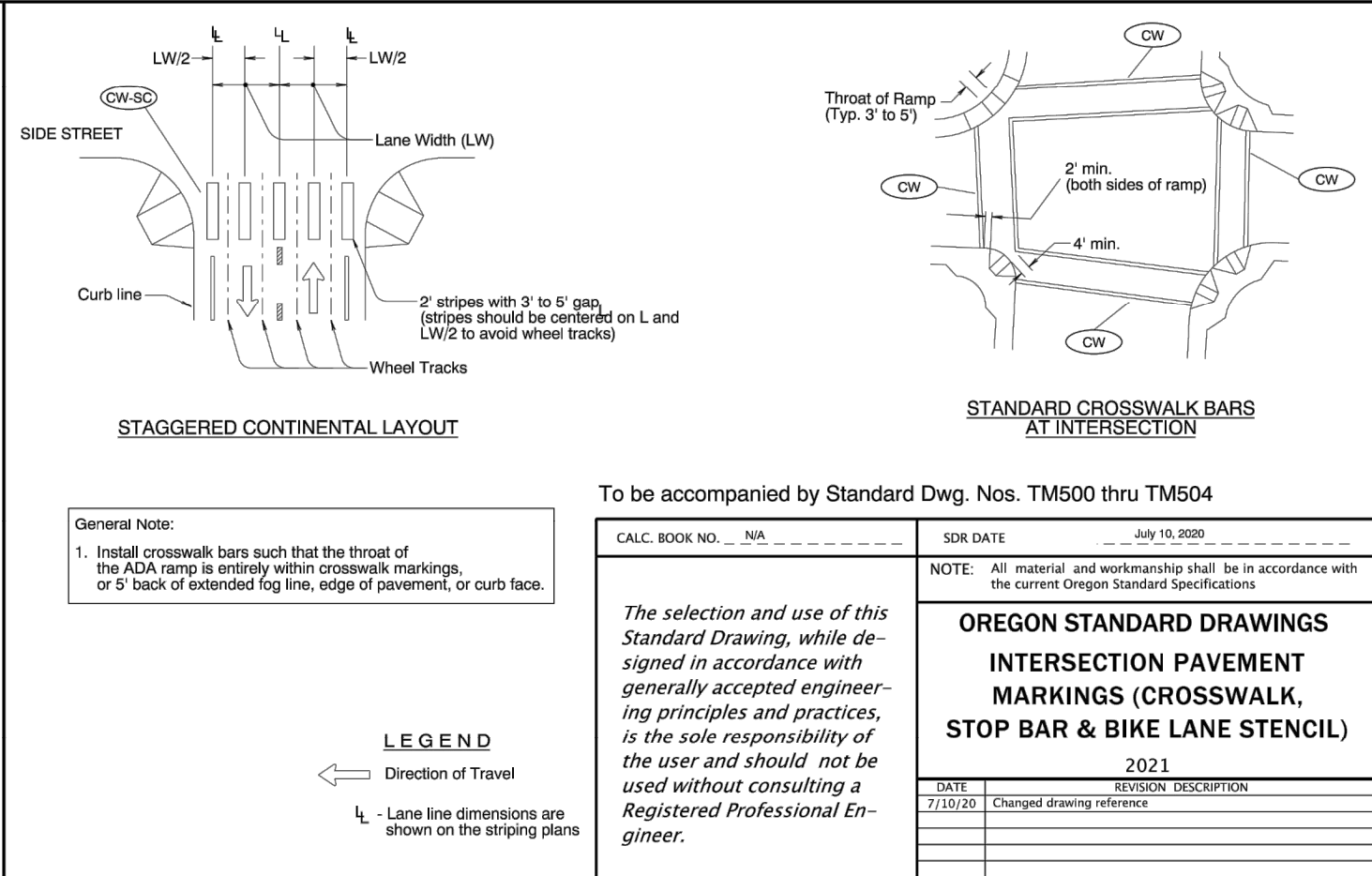
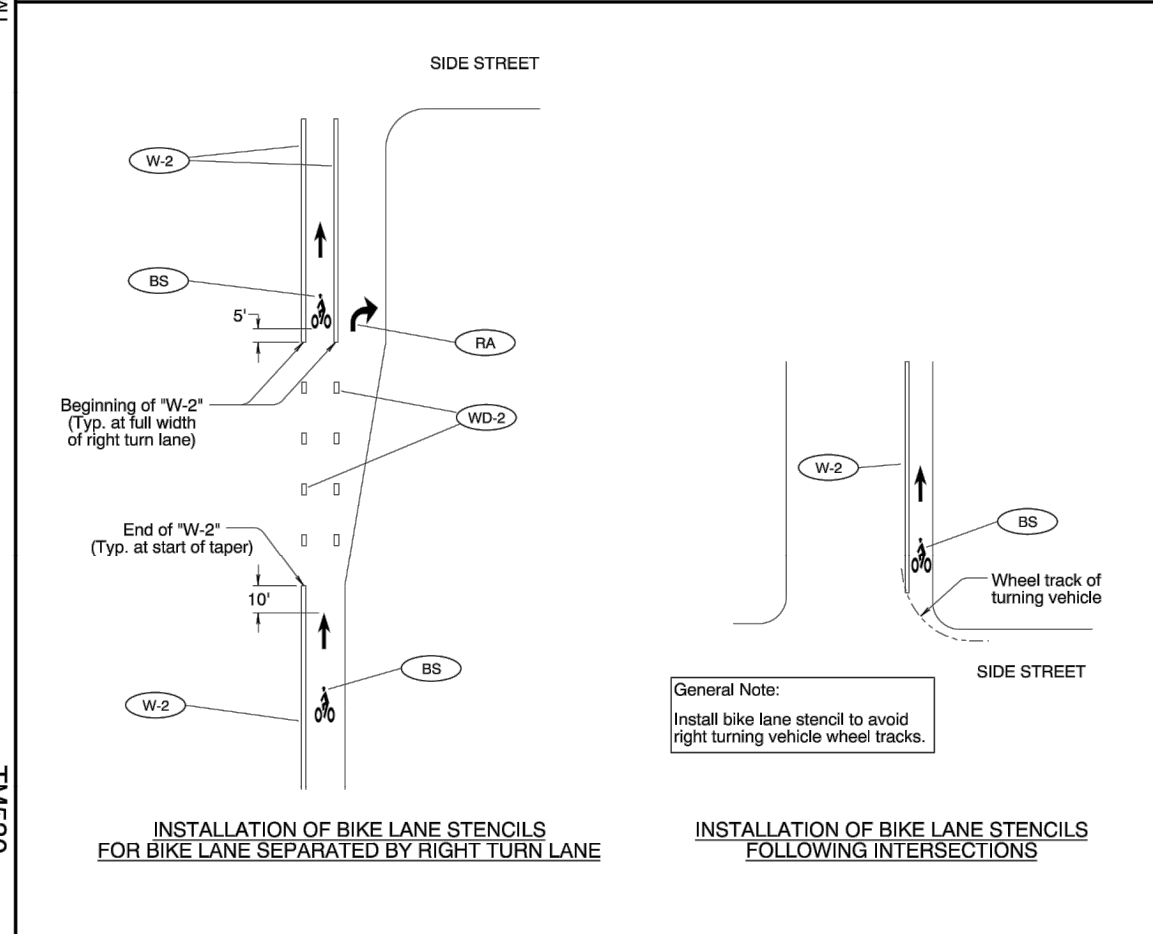
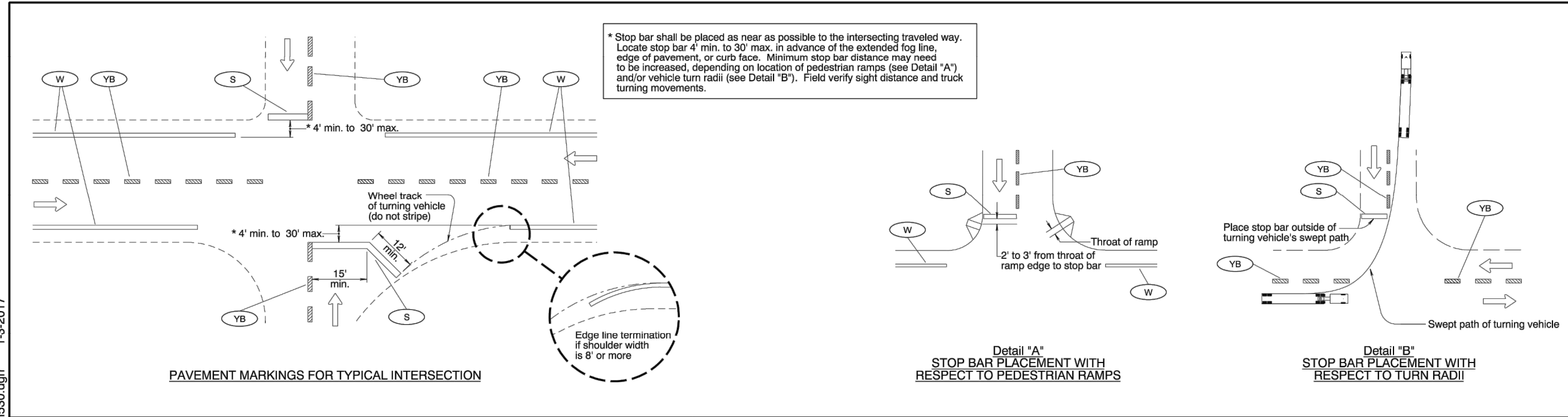
CITY OF ROSEBURG
Public Works Department
Dawn Easley- DIRECTOR
Public Works Department



DESIGN:	RGH
DRAWN:	GZV
SCALE:	N/A
SHEET:	15/21
DATE:	1/29/2024
REVISIONS	
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TM530.dgn 1-3-2017

TM530



plotfile_TM200s-500s.dgn :: Default 1/19/2021 5:02:34 PM hwyr20m

Effective Date: June 1, 2021 - November 30, 2021

TM530

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

Bradford Avenue ADA
Ramp Replacement

Project # 24PW07

CITY OF ROSEBURG
Public Works Department

Dawn Easley- DIRECTOR

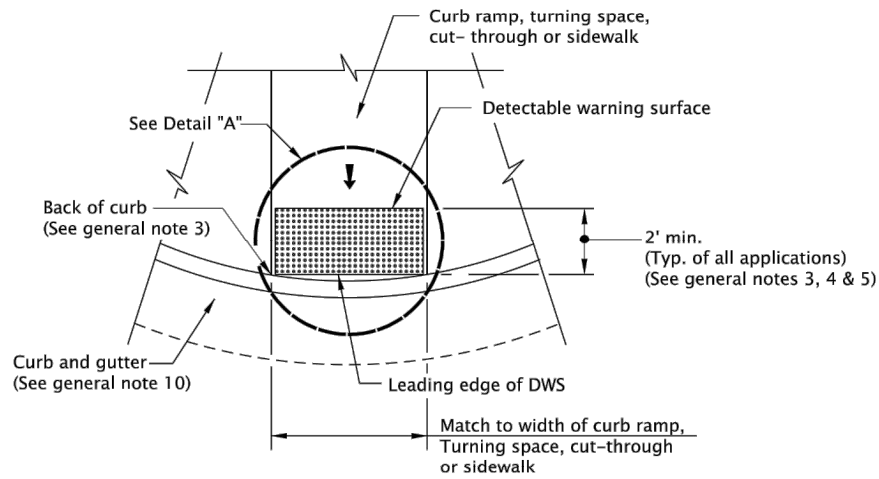
Public Works Department



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SHEET:	16/21

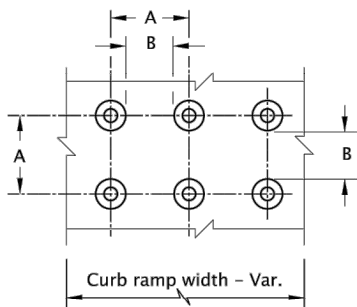
19-JUL-2021

RD902.dgn

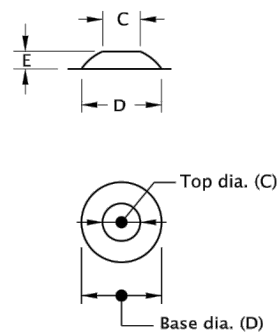


DETECTABLE WARNING SURFACE DETAIL

	A	B	C	D	E
MIN.	1.60"	0.65"	0.45"	0.90"	0.20"
MAX.	2.40"	--	0.91"	1.40"	0.20"

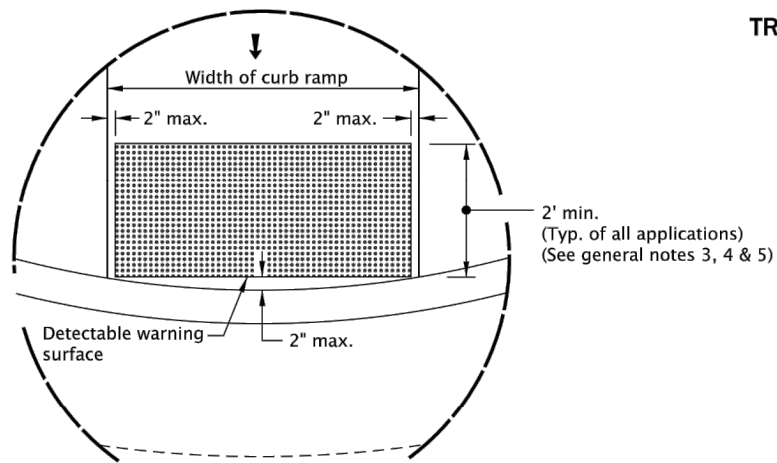


TRUNCATED DOME SPACING



TRUNCATED DOME

TRUNCATED DOME DETAILS






DETAIL "A"

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

- Detectable warning surface details & locations are based on applicable ODOT Standards.
- See project plans for details not shown.
See Std. Dwgs. RD700 & RD701 for curbs.
- The detectable warning surface shall extend the full width of the curb ramp opening, shared use path, blended transition, turning space, or other roadway entrance as applicable. A gap of up to 2 inches on each side of the detectable warning surface is permitted (measured at the leading edge of the detectable warning surface panel as shown in Detail "A").
- Detectable warning surface shall be placed at the back of curb for a minimum depth of 2 ft. in the direction of pedestrian travel at curb ramps that are adjacent to traffic. Detectable warning surface may be radial or rectangular, but must comply with the truncated dome size and spacing standards. Detectable warning surface may be cut to meet necessary shape as shown in plans. Detectable warning surface across a grade break is prohibited. Place abutting panels within 1/4 inch of each other and install anchors, as specified by manufacturers, along cut edge.
- Color to be safety yellow if no color specified in construction note. Alternative colors require a design exception on or along state highways.
- Detectable warning surface shall be used in the following locations:
 - Curb ramps at street crossings.
 - Crossing Islands (Accessible Route Islands).
 - Rail crossings.
- Where public transportation stations (rail, bus, etc.) use platform boarding, detectable warning surface shall be placed along the full edge length of the station, when not protected by platform screens or guards, (see Std. Dwg. RD908).
- Detectable warning surface shall not be used on the following locations:
 - End of sidewalk transitions that are not at a crosswalk, (see Std. Dwgs. RD950, RD952 and RD960).
 - Driveways, unless constructed with curb return or are signalized.
 - Parking lots, access aisles and passenger loading zones where curb ramp does not lead to vehicular way.
- Where no curb is present, the detectable warning surface shall be placed at the edge of the roadway.
- On or along state highways, curb and gutter is required at curb ramps.

LEGEND:

-  Detectable warning surface
-  Cross slope 1.5% max.
(Max. 2.0% finished surface slope)
(Normal sidewalk cross slope)
-  Running slope 7.5% max.
(Max. 8.3% finished surface slope)

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	
DETECTABLE WARNING SURFACE DETAILS	
2024	
DATE	REVISION DESCRIPTION
07-2020	NEW DRAWING CREATED
07-2021	REVISED DETAILS AND NOTES
CALC. BOOK NO.	N/A
SDR DATE	19-JUL-2021
	RD902

Effective Date: December 1, 2023 – May 31, 2024

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

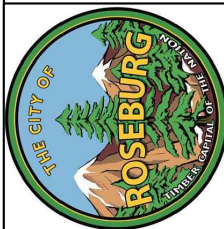
Bradford Avenue ADA
Ramp Replacement

Project # 24PW07

CITY OF ROSEBURG
Public Works Department

Dawn Easley- DIRECTOR

Public Works Department



DESIGN: RGH

DATE: 1/29/2024

REVISIONS

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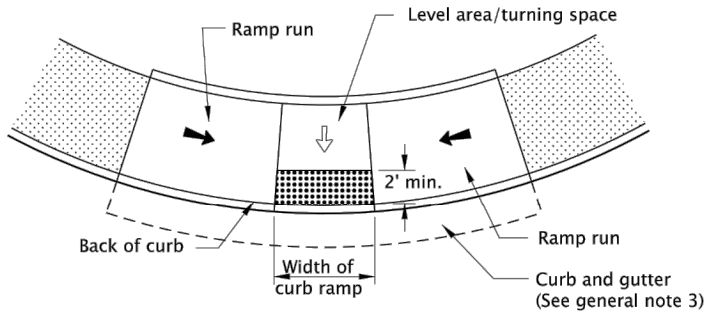
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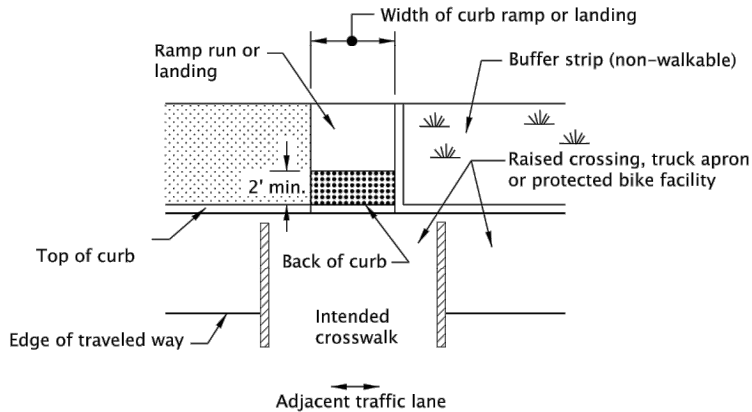
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SHEET: 17/21

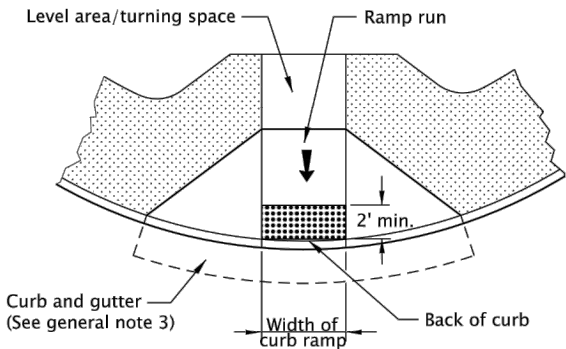
20-JUL-2020
RD904.dgn



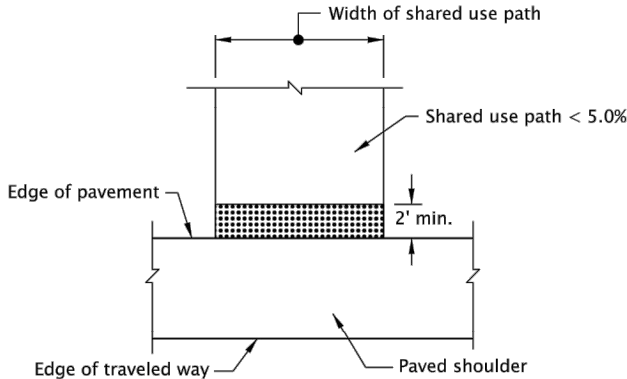
PARALLEL CURB RAMP



RAISED CROSSING, TRUCK APRON
OR PROTECTED BIKE FACILITY



PERPENDICULAR CURB RAMP
GRADE BREAK IN FRONT OF CURB



SHARED-USE PATH CONNECTION

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. Detectable warning surface details & locations are based on applicable ODOT Standards.
2. See project plans for details not shown.
See Std. Dwgs. RD700 & RD701 for curbs.
See Std. Dwg. RD902 for detectable warning surface installation details.
3. On or along state highways, curb and gutter is required at curb ramps.
4. Detectable warning surface placement for perpendicular ramps vary as shown.

LEGEND:

	Marked or intended crossing location
	Sidewalk
	Detectable warning surface
	Cross slope 1.5% max. (Max. 2.0% finished surface slope) (Normal sidewalk cross slope)
	Running slope 7.5% max. (Max. 8.3% finished surface slope)

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

DETECTABLE WARNING SURFACE
PLACEMENT FOR CURB RAMPS

2024

DATE	REVISION	DESCRIPTION
07-2020	NEW DRAWING CREATED	

CALC. BOOK NO.	N/A	SDR DATE	20-JUL-2020	RD904
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Effective Date: December 1, 2023 – May 31, 2024

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

DESIGN	RGH
DRAWN	GZV
SCALE	N/A
SHEET	18/21

DATE	1/29/2024
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Bradford Avenue ADA
Ramp Replacement
Project # 24PW07

CITY OF ROSEBURG
Public Works Department
Dawn Easley- DIRECTOR
Public Works Department

07-08-2022
TM503.dgn

CW

STANDARD CROSSWALK
TWO 1' WHITE BARS
Install per Standard Drawing TM530

BR

BIKE RIGHT TURN STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

SLM

SHARED LANE MARKING (white)
Center marking within lane width or as shown
For proportion details, see current version of Standard Highway Signs

BUS

BUS (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

XNG

X-ING (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

CW-SC

STAGGERED CONTINENTAL CROSSWALK
2' WHITE BARS
Install per Standard Drawing TM530

BS

BIKE LANE STANDARD STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

B

BIKE STENCIL (white)
Used for Intersection Bicycle Box applications
Place marking within bicycle box, centered with motor vehicle lane width

ON

ONLY (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

P

ON-STREET PARKING DETAIL (white)

S

STOP BAR
1' WHITE BAR
Install per Standard Drawing TM530

BL

BIKE LEFT TURN STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

BD

BICYCLE DETECTOR MARKING (white)
Place Bicycle Detector Pavement Marking in optimum location
where bicycle acuates the traffic signal

SCH

SCHOOL (white)
Center marking within lane width
For letter proportion details, see current version of Standard Highway Signs

S-2

STOP BAR - LARGE
2' WHITE BAR
Install per Standard Drawing TM530

BRS

BIKE RIGHT TURN STRAIGHT STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

GRN

GREEN SUPPLEMENTAL BICYCLE LANE
SOLID LINE (green)

SCH-LG

SCHOOL - LARGE (white)
Center marking within width of two lanes
For letter proportion details, see current version of Standard Highway Signs

S-RM

RAMP METER STOP BAR
1' & 8" WHITE BARS
For multi-lane ramp meter applications

BLS

BIKE LEFT TURN STRAIGHT STENCIL (white)
Center marking within lane width
For proportion details, see current version of Standard Highway Signs

BLE-G

GREEN SUPPLEMENTAL BICYCLE LANE
DOTTED LINE EXTENSION (green)

CRS-LG

CROSSING - LARGE (white)
Center marking within width of two lanes
For letter proportion details, see current version of Standard Highway Signs

General Note:
1. Arrow, letter, and bike symbol dimensions nominal.

LEGEND
← Direction of Travel

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

PAVEMENT MARKING
STANDARD DETAIL BLOCKS

2024

DATE	REVISION	DESCRIPTION
07-2022	Added note for measurement of Standard Crosswalk	

CALC. BOOK NO.

N/A

SDR DATE

07-08-2022

TM503

Effective Date: December 1, 2023 – May 31, 2024

ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG

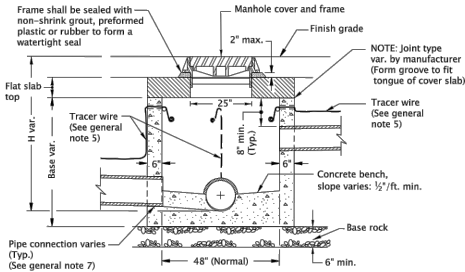
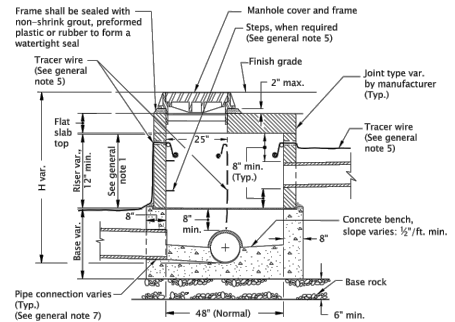
DESIGN: RGH
DRAWN: GZV
SCALE: N/A
SHEET: 19/21

DATE: 1/29/2024
REVISIONS:
1.
2.
3.
4.

Bradford Avenue ADA
Ramp Replacement
Project # 24PW07

CITY OF ROSEBURG
Public Works Department
Dawn Easley- DIRECTOR
Public Works Department

rd342.dgn 20-JUL-2020



LEGEND
(See general note 3)

Cast-in-Place concrete
Precast concrete
1:2 cement mortar
Sewer pipe

- GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:
1. Minimum length if laterals or connections are inserted: outside diameter of pipe + 17".
 2. Use Section B-B when length of riser becomes less than minimum shown.
 3. Base may be precast or cast-in-place.
 4. All precast products shall conform to the requirements of ASTM C478.
 5. See Std. Dwg. RD336 for details not shown.
 6. See Std. Dwg. RD344 for manhole base section.
 7. See Std. Dwg. RD345 for pipe to manhole connections.
 8. See Std. Dwg. RD356 for manhole covers and frames.
 9. All concrete shall be commercial grade concrete.
 10. Max. pipe diameter varies with pipe material.
 11. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.

CALC. BOOK NO. N/A	SOR DATE 21-JUL-2015
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	
SHALLOW MANHOLES	
2021	
DATE	REVISION DESCRIPTION

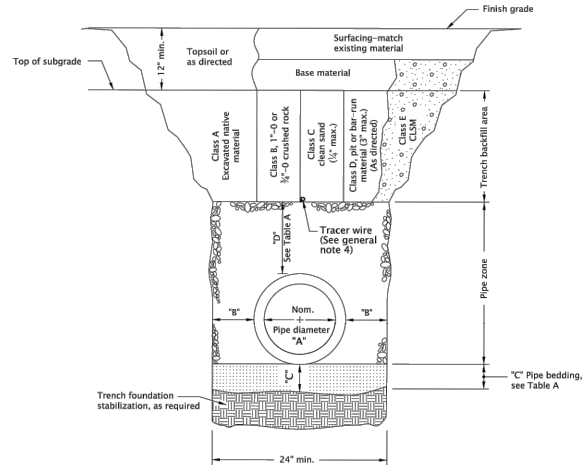
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: December 1, 2022 – May 31, 2023

RD342

TABLE A			
"A" (in)	"B" (in)	"C" (in)	"D" (in)
4	10	4	8
6	10	4	8
8	10	6	10
10	10	6	10
12	12	6	10
15	12	6	10
18	16	6	12
21	16	6	12
24	18	6	12
30	18	6	12
36	24	6	14
42	24	6	14
48	24	6	14
54	24	6	14
60	24	6	14
66	24	6	14
72	24	6	14

For pipes over 72" diameter, see general note 3.



MULTIPLE INSTALLATIONS	
DIAMETER	MIN. SPACE BETWEEN PIPES
Up to 48"	24"
48" to 72"	One half (1/2) dia. of pipe

- GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:
1. Surfacing of paved areas shall comply with street cut Std. Dwg. RD302.
 2. For pipe installation in embankment areas where the trench method will not be used and the pipe is $\geq 36"$ diameter, increase dimension "B" to nominal pipe diameter.
 3. Pipes over 72" diameter are structures, and are not applicable to this drawing.
 4. See Std. Dwg. RD336 for tracer wire details (When required).

CALC. BOOK NO. N/A	SOR DATE 14-JUL-2014
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	
TRENCH BACKFILL, BEDDING, PIPE ZONE AND MULTIPLE INSTALLATIONS	
2021	
DATE	REVISION DESCRIPTION

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: December 1, 2022 – May 31, 2023

RD300

RD364.dgn 20-JUL-2020

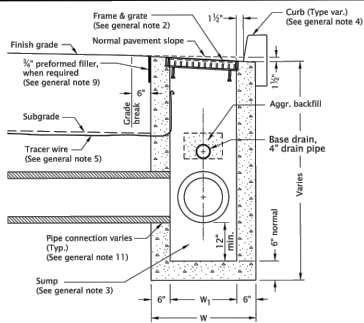
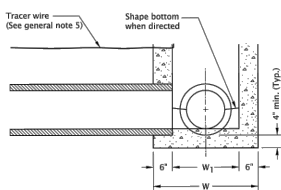


TABLE A		
INLET TYPE	W	W ₁
G-1	2'-8 3/4"	1'-8 3/4"
G-2, G-2M, G-2MA	3'-3 3/4"	2'-3 3/4"

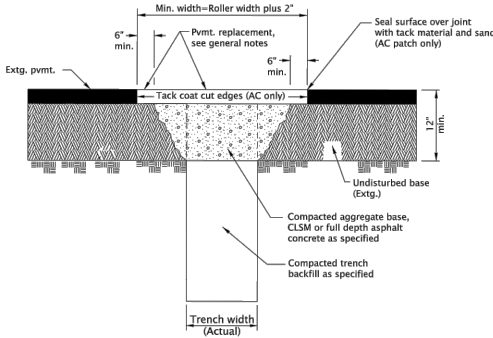
- GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:
1. Where precast inlets are used as an alternate to cast-in-place inlets, a 4" compacted leveling bed of sand or 1/2"-0 crushed aggregate shall be provided. All precast inlets shall conform to requirements of ASTM C913.
 2. Graphics show G-1 inlet with Type 2 grate. See Table A for inlet dimensions.
 3. Type 1 grate allowed only in locations not subject to bicycle or pedestrian use.
 4. For curb details, see Std. Dwg. RD700 & RD701.
 5. See Std. Dwg. RD336 for tracer wire details, or approved alternate.
 6. Max. pipe diameter varies with pipe material.
 7. Location, elevation, diameter, slope, and number of pipe(s) varies, see project plans.
 8. All concrete shall be commercial grade concrete.
 9. 1/2" preformed filler (in concrete pavement or gutter only) to extend through thickness of concrete.
 10. See Std. Dwg. RD363 for gutter transition section, when curb and gutter are required.
 11. See Std. Dwg. RD339 for pipe to structure connections.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	
CONCRETE INLETS	
TYPE G-1, G-2, G-2M, & G-2MA	
2024	
DATE	REVISION DESCRIPTION

Effective Date: December 1, 2023 – May 31, 2024

rd302.dgn 20-JUL-2020



- GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:
1. All existing AC or PCC pavement shall be sawcut prior to repaving.
 2. Concrete pavement shall be replaced with concrete to a minimum thickness of 8" or to the thickness of removed pavement, whichever is greater.
 3. For joining new concrete to existing concrete, see contract plans for specific details.
 4. Place AC mix minimum thkn. of 6" or the thkn. of the removed pavement, whichever is greater. Compact as specified.

CALC. BOOK NO. N/A	SOR DATE 20-JUL-2020
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications.	
OREGON STANDARD DRAWINGS	
STREET CUT	
2021	
DATE	REVISION DESCRIPTION

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

Effective Date: December 1, 2022 – May 31, 2023

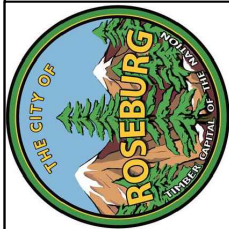
RD302

Bradford Avenue ADA
Ramp Replacement

Project # 24PW07

CITY OF ROSEBURG
Public Works Department
Dawn Easley- DIRECTOR

Public Works Department



DESIGN: RGH

DRAWN: GZV

SCALE: N/A

SHEET: 20/21

DATE: 1/29/2024

REVISIONS

1.

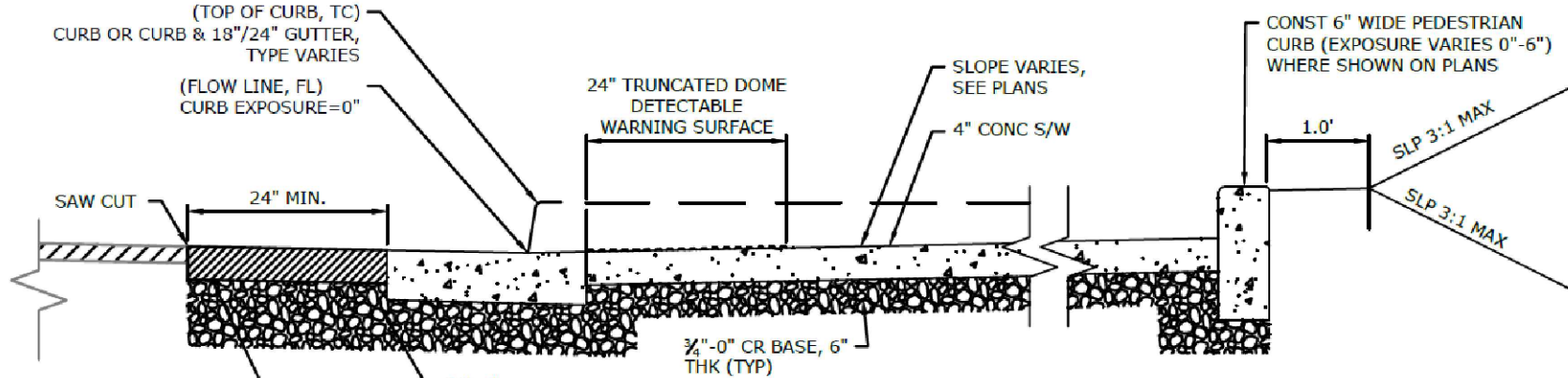
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3.

4.

SIDEWALK RAMP GENERAL NOTES

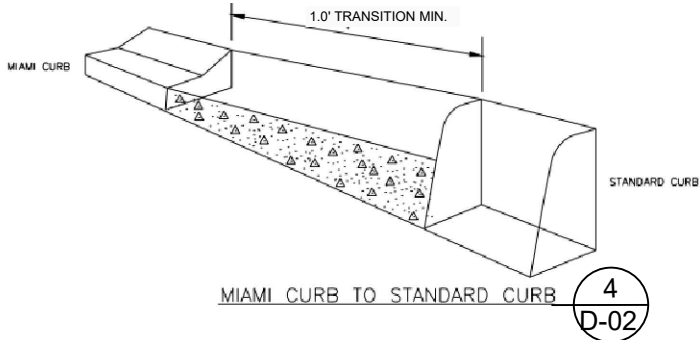
1. CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL AMERICANS WITH DISABILITIES (ADA) REQUIREMENTS AS DEFINED BY THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). DETAILS AND DIMENSIONS SHOWN ARE APPROXIMATE ONLY AND INTENDED AS A GUIDE FOR INITIAL LAYOUT PURPOSES ONLY AND ARE NOT COMPLETE. CONTRACTOR SHALL TAKE ALL NECESSARY FIELD MEASUREMENTS AND OTHERWISE VERIFY ALL DIMENSIONS TO MEET ADA REQUIREMENTS. SHOULD ANY ERROR OR INCONSISTENCY EXIST, THE CONTRACTOR SHALL NOT PROCEED WITH THE WORK AFFECTED UNTIL REPORTED TO THE ENGINEER FOR CLARIFICATION OR CORRECTION.
2. COMPLETE SIDEWALK CONSTRUCTION PRIOR TO FINAL PAVING OF STREET.
3. ALL SURVEY AND STAKING NECESSARY FOR CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL DEVELOP AND MAKE ALL DETAIL SURVEYS NECESSARY FOR LAYOUT AND CONSTRUCTION. COMPLETE ALL SURVEY STAKING AS NEEDED USING INFORMATION CONTAINED IN THE PLANS AND ADJUSTED AS NECESSARY TO MEET ADA REQUIREMENTS. ADDITIONAL INFORMATION OR CLARIFICATION BY THE ENGINEER MAY BE AVAILABLE UPON REQUEST, BUT IS NOT GUARANTEED. SURVEYED FIELD LAYOUT SHALL BE REVIEWED BY THE ENGINEER PRIOR TO DEMOLITION AND AGAIN PRIOR TO CONCRETE PLACEMENT.
4. THE MAXIMUM CLOSURE TIME FOR ANY SINGLE CURB RAMP SHALL BE 10 CALENDAR DAYS. SUBMIT TRAFFIC CONTROL PLAN AND PEDESTRIAN DETOUR PLAN FOR RAMP CLOSURES. PLAN SHALL INCLUDE, BUT IS NOT LIMITED TO, WORK AREA PROTECTION, SIDEWALK CLOSURES AND DETOURS.



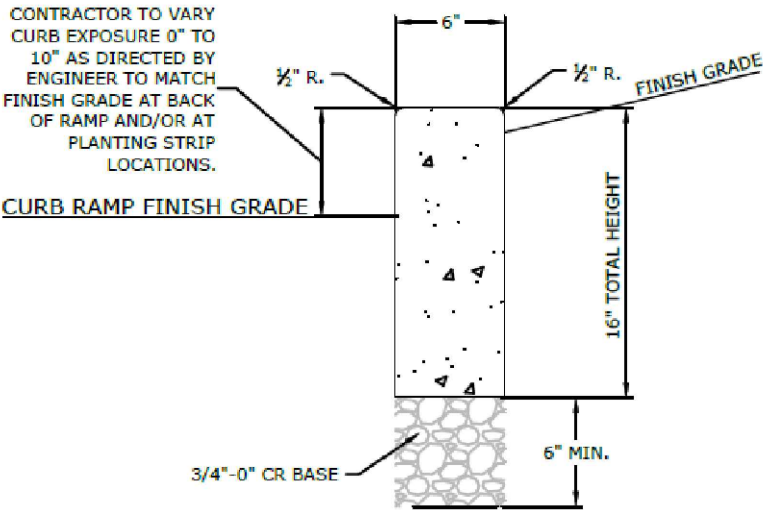
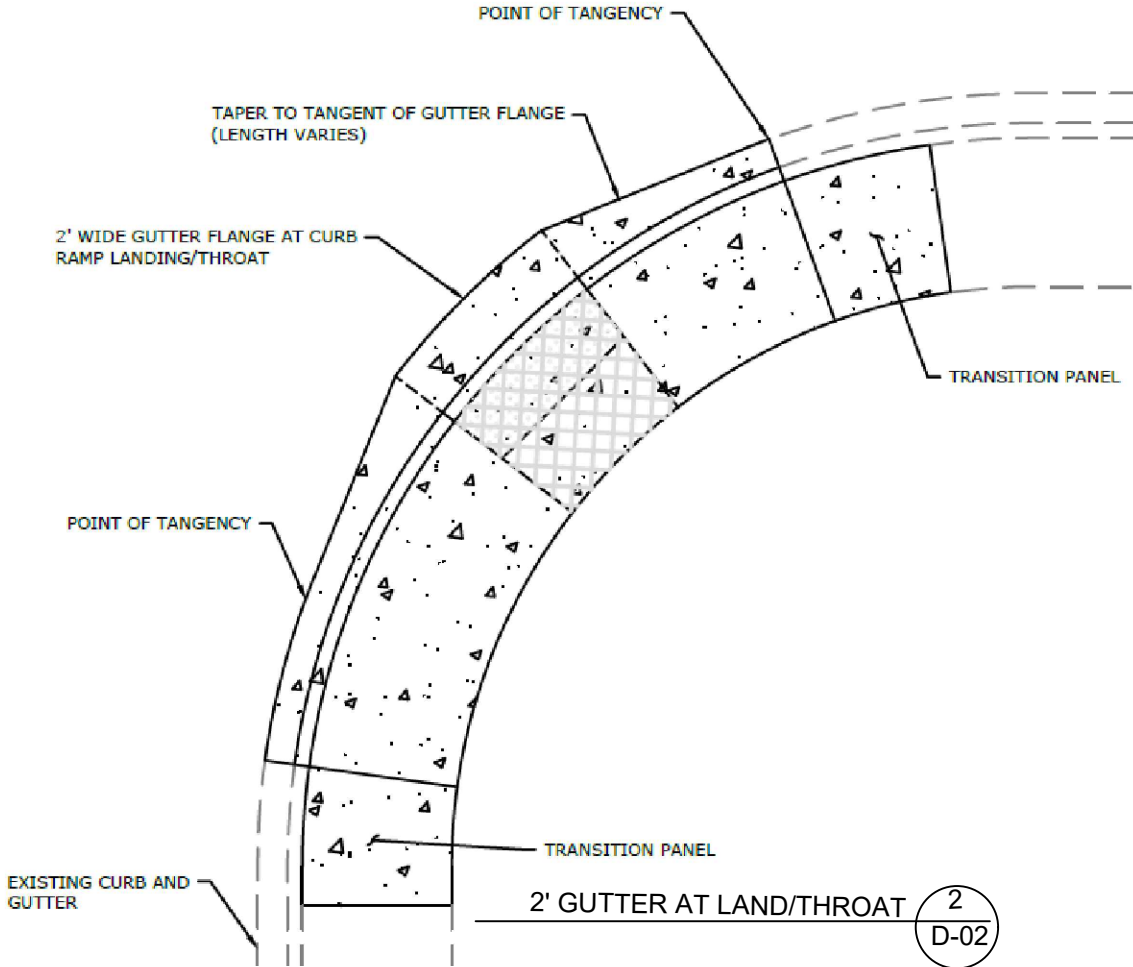
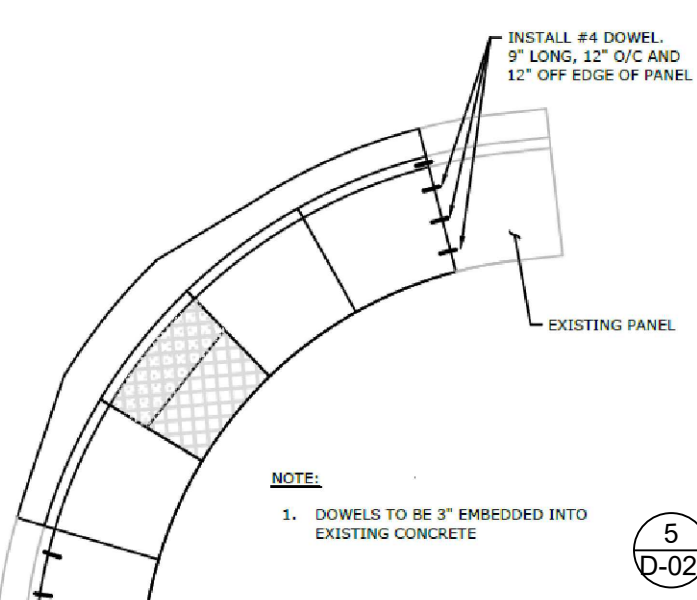
- NOTES:
- 1. SEE ODOT STANDARD DRAWINGS RD755, 758, & 759 FOR SIDEWALK RAMP DETAILS AND RD700 FOR CURB DETAILS.
 - 2. TOOLED JOINTS ARE REQUIRED AT ALL SIDEWALK RAMP SLOPE BREAK LINES.

TYPICAL SIDEWALK RAMP REPLACEMENT SECTION

SCALE: NTS



ONE CALL NUMBER FOR
UTILITY LOCATIONS, 1-800-332-2344
CALL 48 HRS. BEFORE YOU DIG



PEDESTRIAN CURB

SCALE: NTS

DESIGN: RGH	DRAWN: GZV	SCALE: N/A	SHEET: 21/21
DATE: 1/29/2024	REVISIONS:	1.	2.
Bradford Avenue ADA Ramp Replacement			
Project # 24PW07			
CITY OF ROSEBURG Public Works Department Dawn Easley- DIRECTOR Public Works Department			