0 50 100
SCALE IN FEET

ADJUST SLOPE OF MEDIAN SHOULDER TO PREVENT PONDING

M.P. 18.10
M.P. 18.15
M.P. 18.20
M.P. 18.25
M.P. 18.30
M.P. 18.35

ECOLOGY EMBANKMENT B4.1 1,864 SF

DETENTION POND B4.2
AREA = 3,873 SF
VOLUME = 0.23 AC-FT

PROPOSED CONVEYANCE

ECOLOGY EMBANKMENT 4,980 SF

CONNECT TO EXISTING STORM DRAINAGE SYSTEM

NE 85TH ST

MATCH LINE NB405 STA 4140+00 SEE SHEET DR002

PROPOSED PAVEMENT LEGEND
- NEW PAVEMENT
- REPLACED PAVEMENT
- REMOVED PAVEMENT

15% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION
ALL INFORMATION NOT INCLUDED

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DATE 9/9/2004
PLOTTED BY emendel
DESIGNED BY
ENTERED BY
CHECKED BY
PROJ. ENGR.
REGIONAL ADM.

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

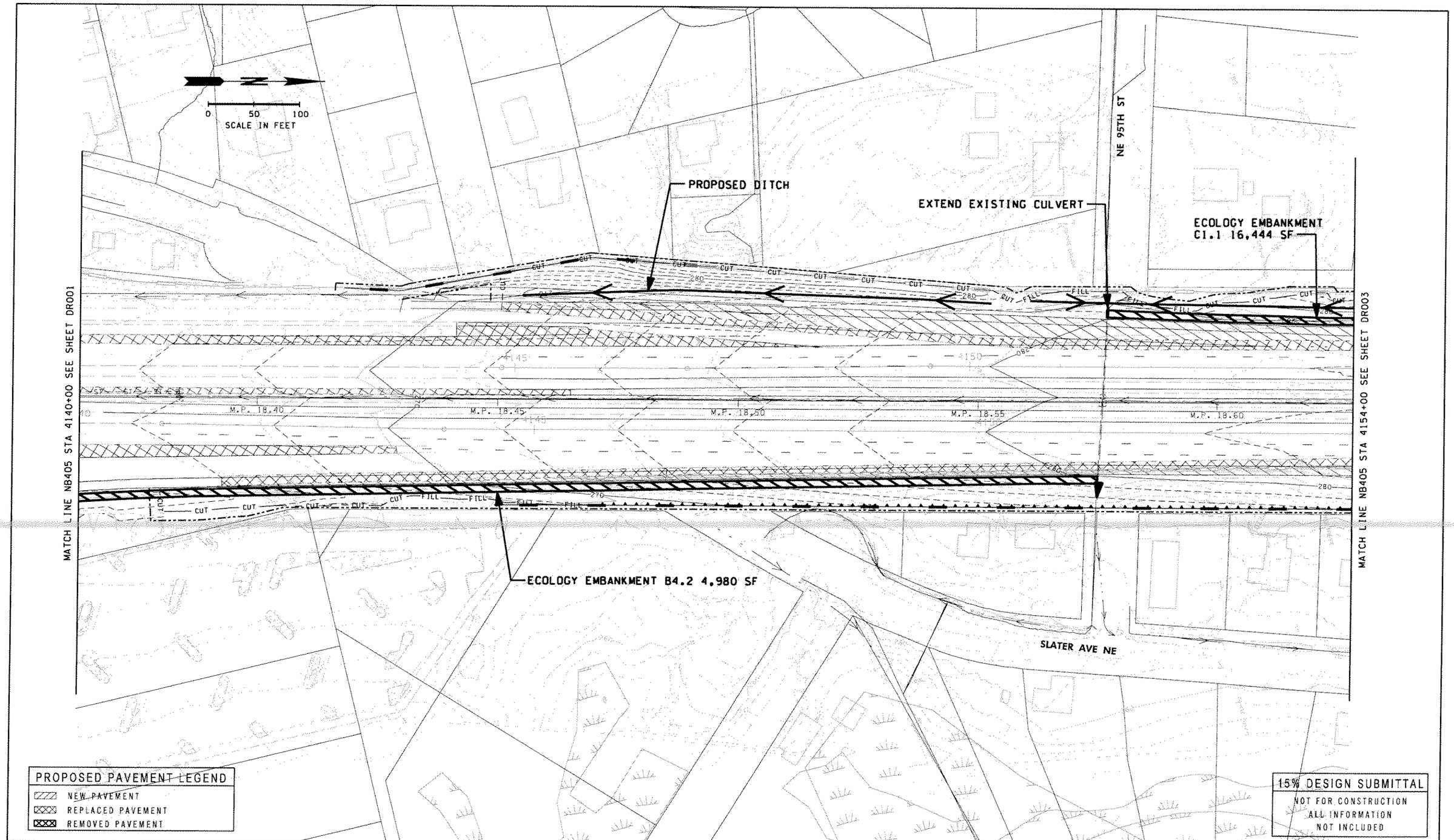
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

DRAINAGE PLAN

DR001

SHEET 1 OF 9 SHEETS



PROPOSED PAVEMENT LEGEND

- NEW PAVEMENT
- REPLACED PAVEMENT
- REMOVED PAVEMENT

15% DESIGN SUBMITTAL
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ALL INFORMATION
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PROJ. ENGR.						
REGIONAL ADM.	REVISION	DATE	BY			

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

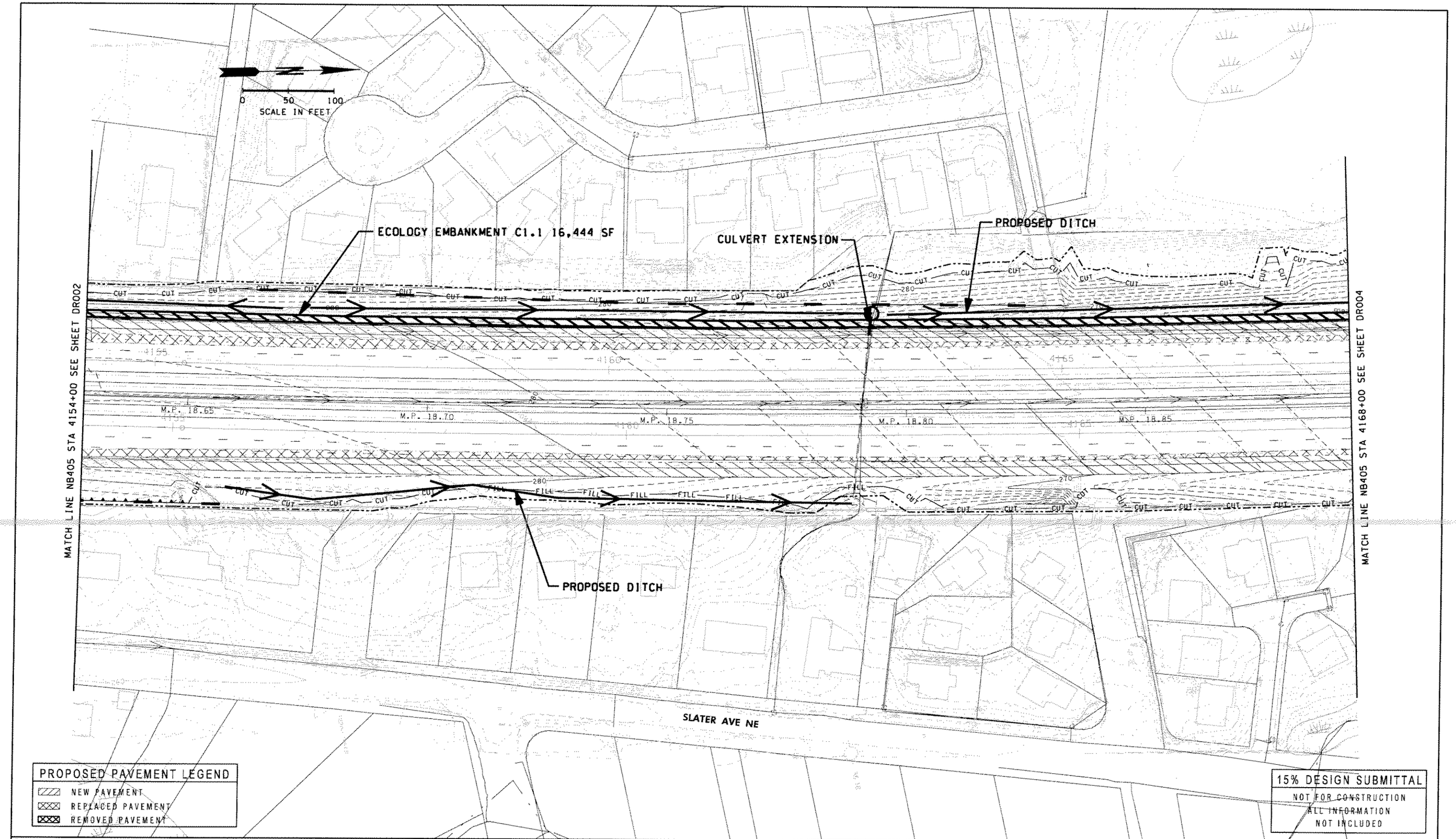
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

DRAINAGE PLAN

DR002

SHEET 2 OF 9 SHEETS



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REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.	LOCATION NO.	

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

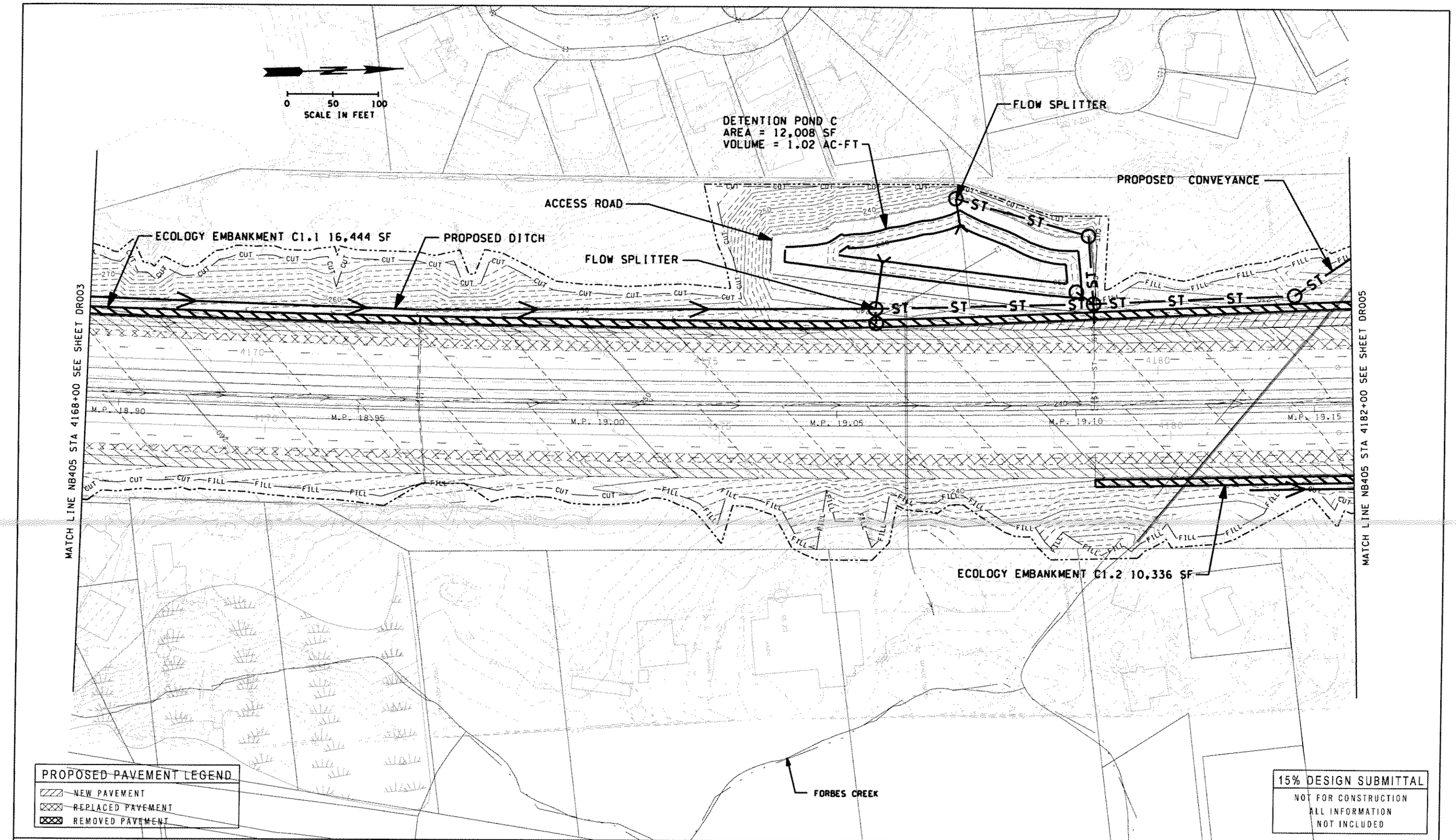
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

DRAINAGE PLAN

DR003

SHEET 3 OF 9 SHEETS



PROPOSED PAVEMENT LEGEND

- NEW PAVEMENT
- REPLACED PAVEMENT
- REMOVED PAVEMENT

15% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION
ALL INFORMATION
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CHECKED BY
PROJ. ENGR.
REGIONAL ADM.

REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.	LOCATION NO.	

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

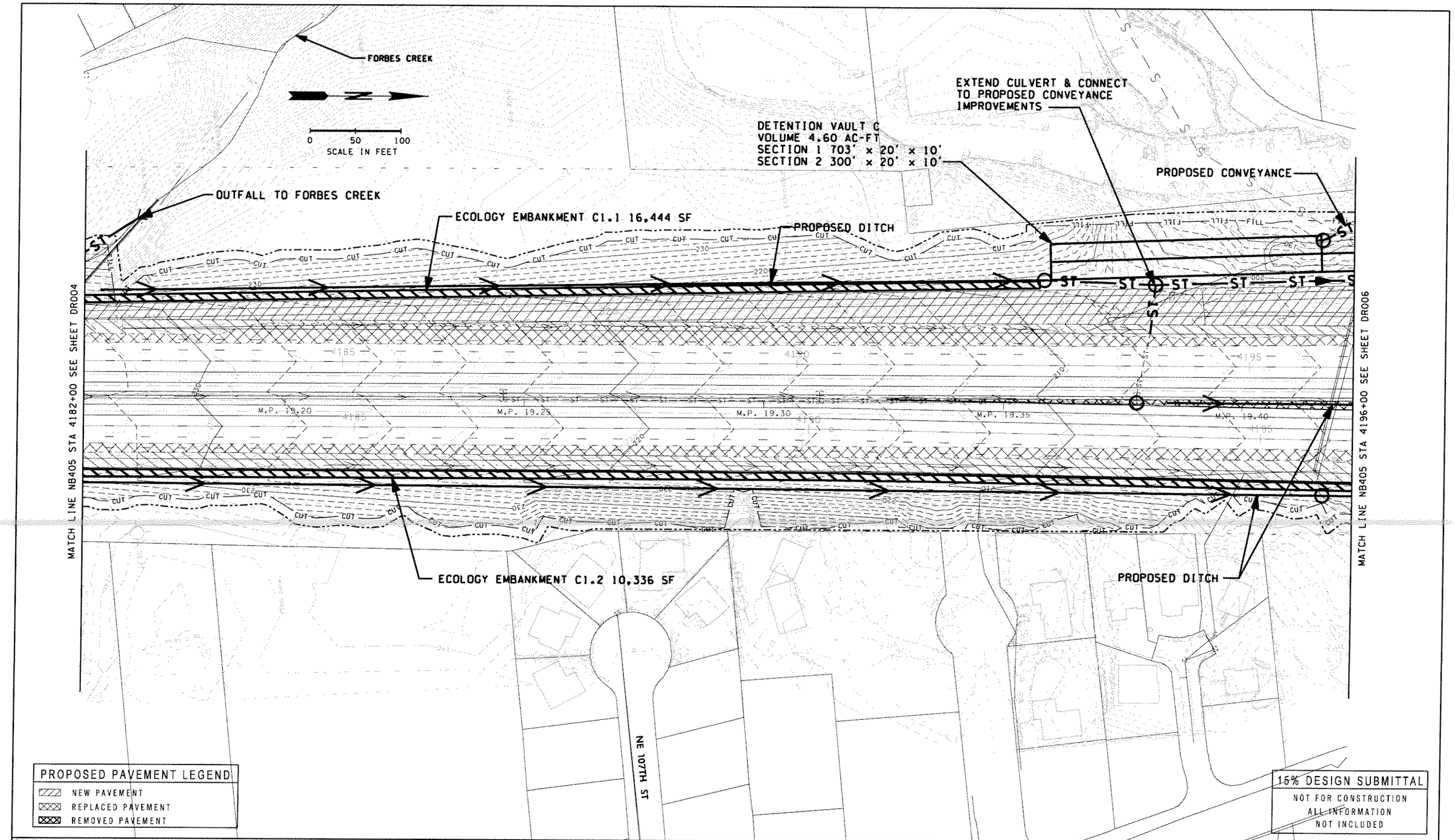
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

DRAINAGE PLAN

DR004

SHEET 4 OF 9 SHEETS



PROPOSED PAVEMENT LEGEND

- NEW PAVEMENT
- REPLACED PAVEMENT
- REMOVED PAVEMENT

15% DESIGN SUBMITTAL

NOT FOR CONSTRUCTION
ALL INFORMATION
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PROJ. ENGR.							
REGIONAL ADM.	REVISION	DATE	BY				

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

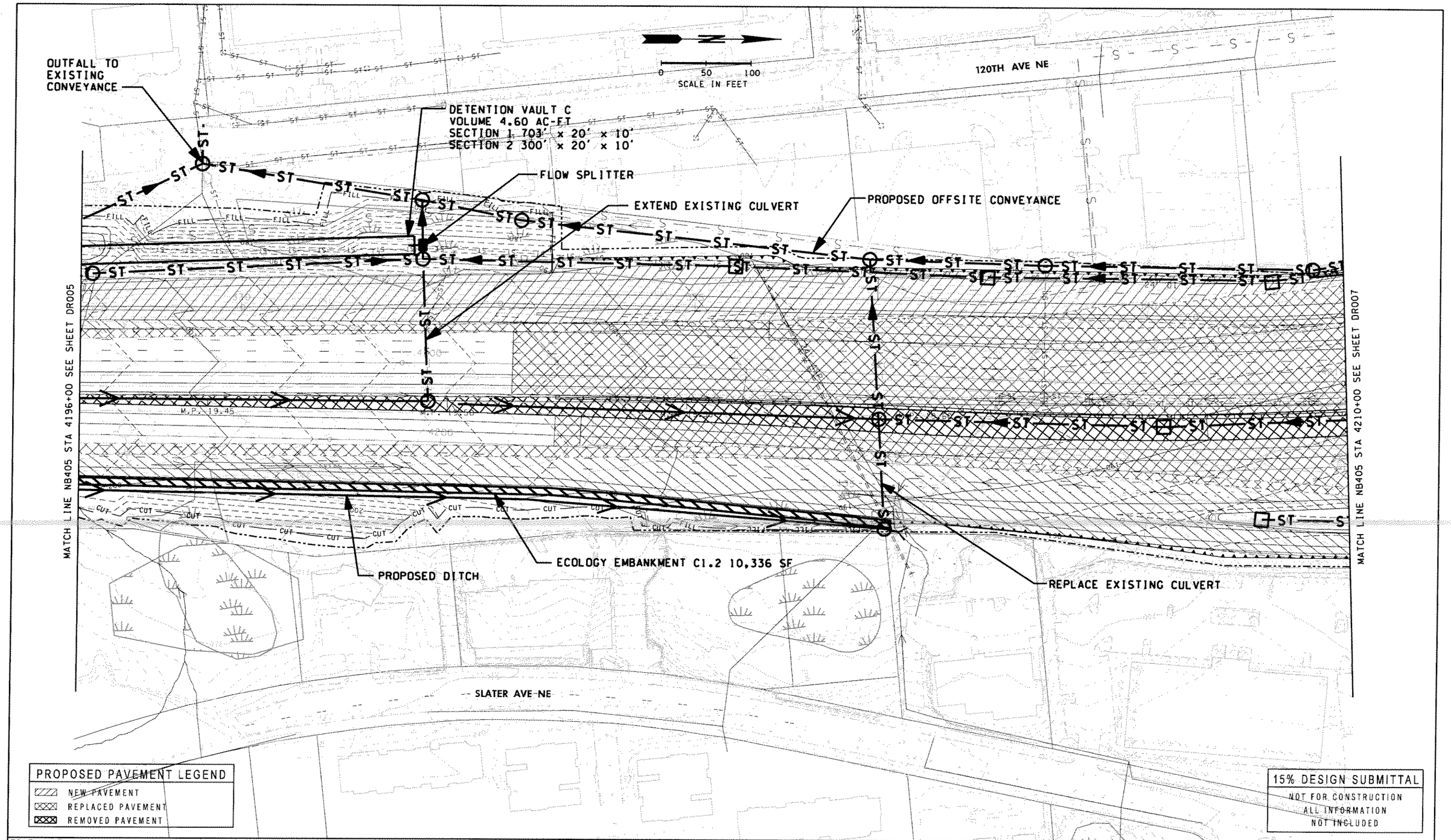
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF &
BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

DRAINAGE PLAN

DR005

SHEET 5 OF 9 SHEETS



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REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

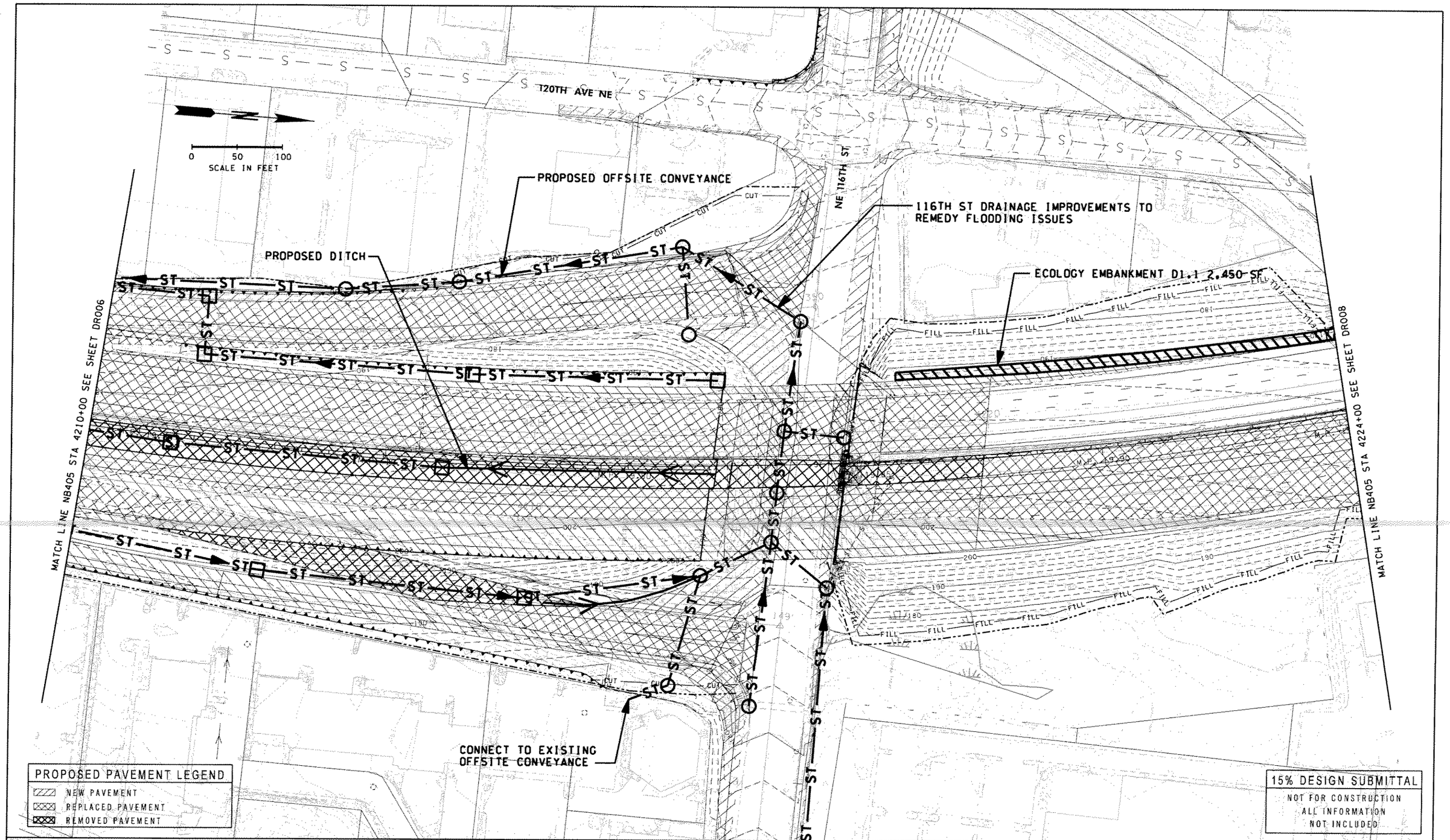
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

DRAINAGE PLAN

DR006

SHEET 6 OF 9 SHEETS



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PROJ. ENGR.			
REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

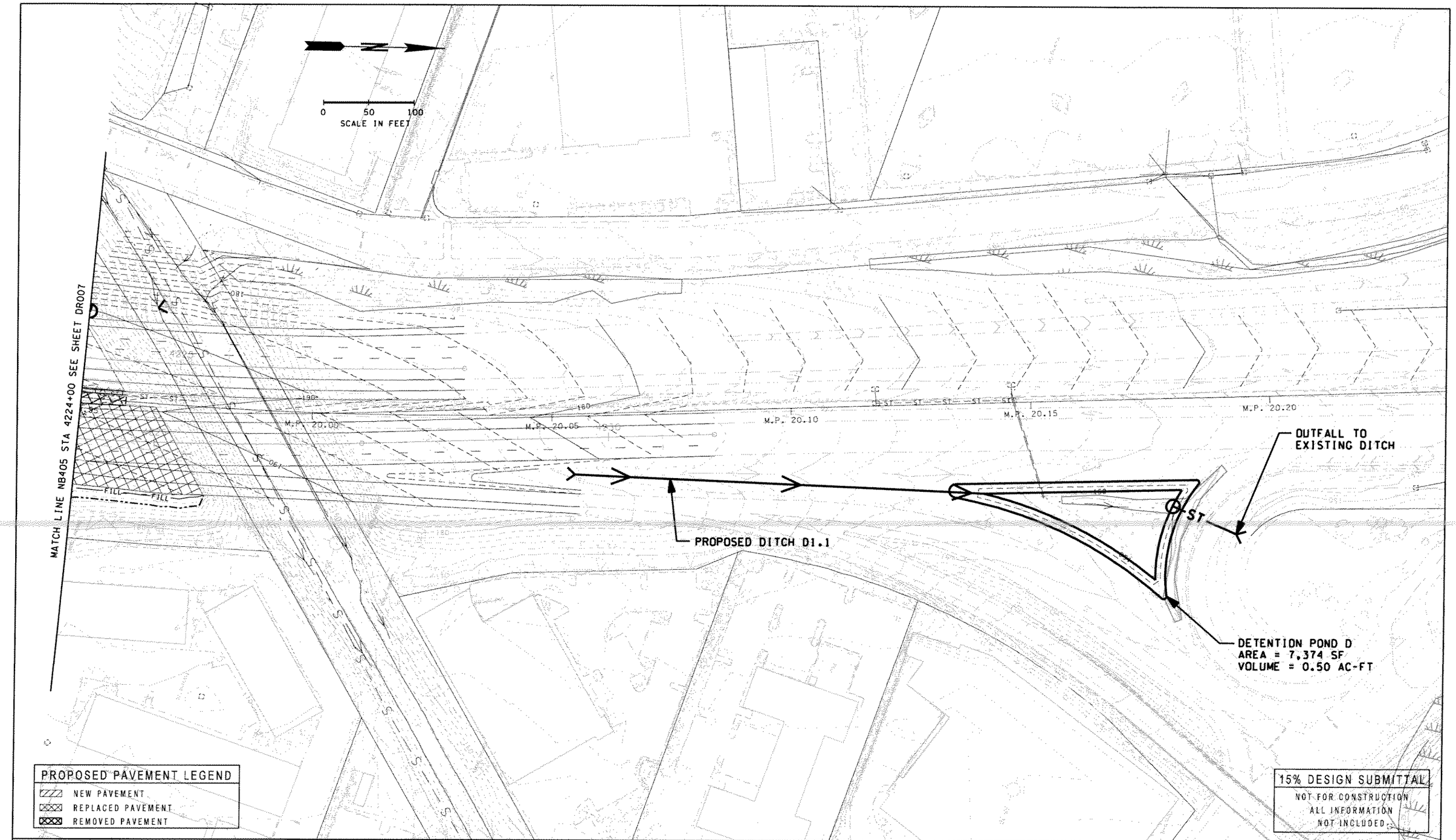
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

DRAINAGE PLAN

DR007

SHEET 7 OF 9 SHEETS



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PROJ. ENGR.			
REGIONAL ADM.	REVISION	DATE	BY

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	
JOB NUMBER		
CONTRACT NO.		LOCATION NO.

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

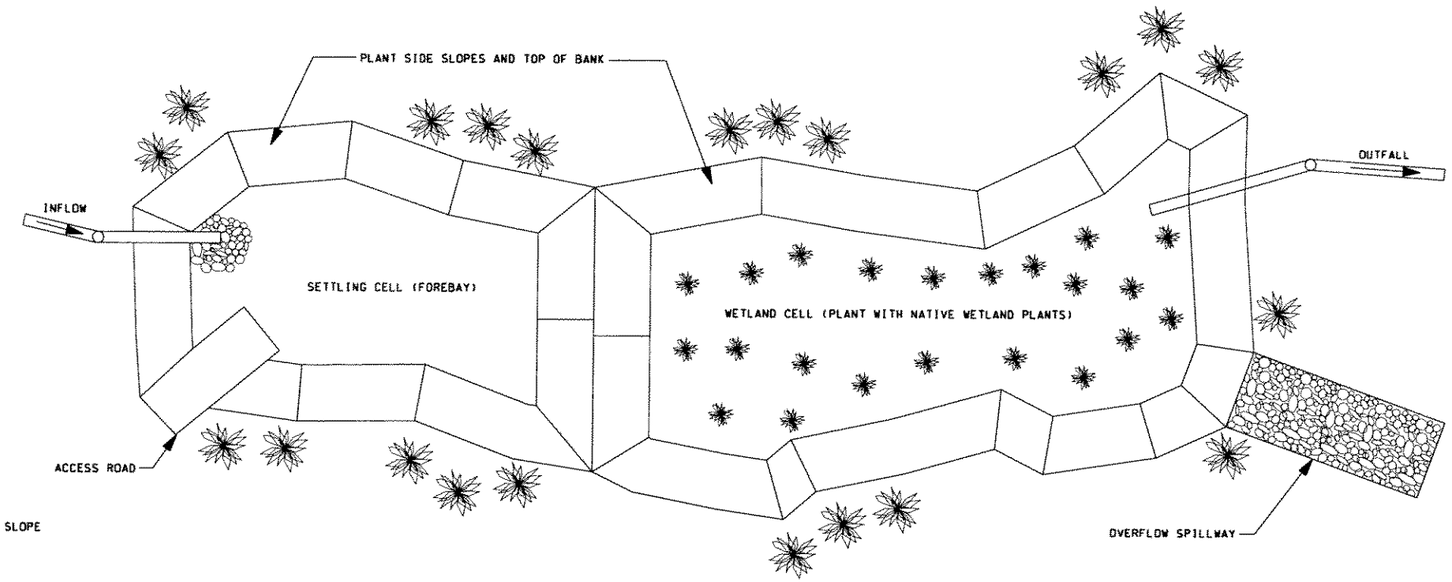
INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL
STAGE 1

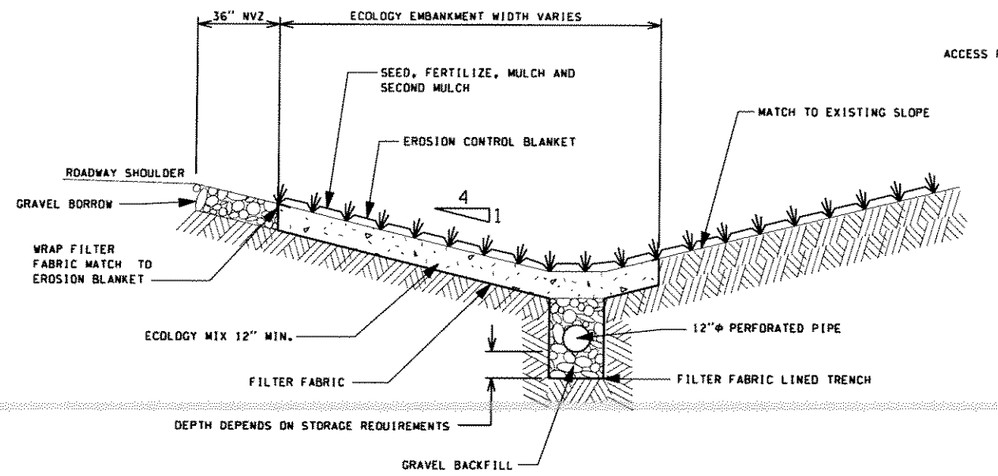
DRAINAGE PLAN

DR008

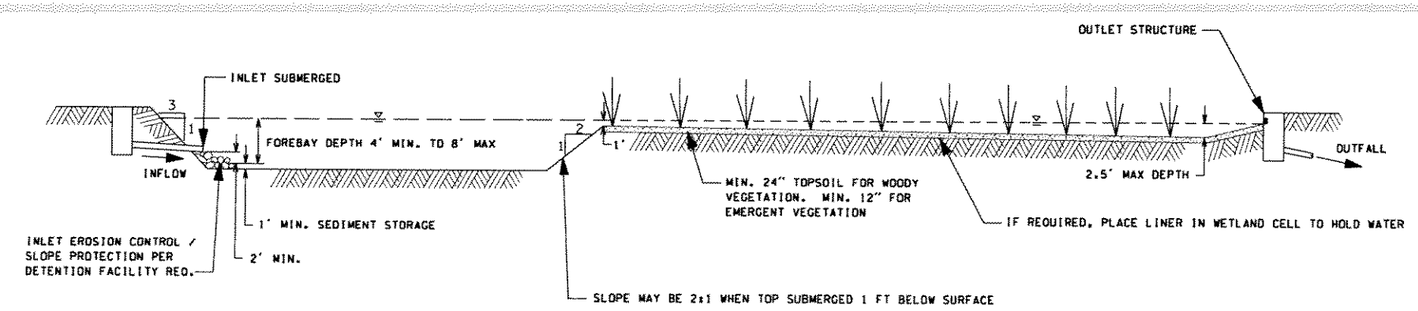
SHEET 8 OF 9 SHEETS



CONSTRUCTED WETLAND PLAN
N.T.S.



ECOLOGY EMBANKMENT / DITCH SECTION
N.T.S.



CONSTRUCTED WETLAND SECTION
N.T.S.

PROPOSED PAVEMENT LEGEND

- NEW PAVEMENT
- REPLACED PAVEMENT
- REMOVED PAVEMENT

15% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION
ALL INFORMATION
NOT INCLUDED

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PROJ. ENGR.							
REGIONAL ADM.	REVISION	DATE	BY				

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

INTERSTATE 405 Project Team
Washington State Department of Transportation

I-405 CONGESTION RELIEF & BUS RAPID TRANSIT PROJECTS
KIRKLAND NICKEL

DRAINAGE DETAIL

DR009

SHEET 9 OF 9 SHEETS