

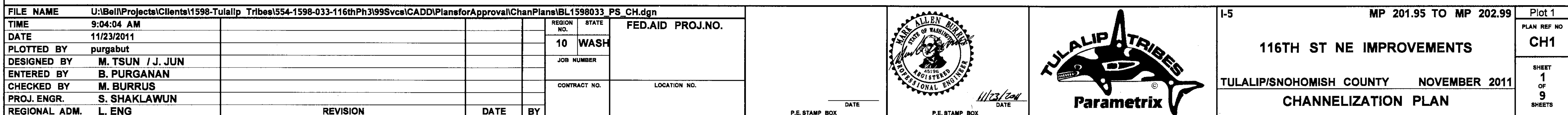
The plan view shows the interchange area with the following details:

- Southbound I-5:** Lanes are shown with a centerline at station 190. The right-of-way (WSDOT R/W) is indicated at the top.
- Northbound I-5:** Lanes are shown with a centerline at station 195. The right-of-way (WSDOT R/W) is indicated at the bottom.
- LM Line:** A line labeled "LM LINE" with a bearing of "N0°52'57"E" runs horizontally through the center of the interchange.
- Project Start:** A point labeled "BEGIN PROJECT" is located at station 195+00.00, which corresponds to I-5 MP 201.95. An arrow points from this label to the station marker.
- Other Labels:**
 - "LM 195+37.86 (55.24' LT) BEGIN RAMP TAPER"
 - "LM 196+76 (66' LT) MATCH EXISTING SHOULDER"
 - "EDGE OF TRAVELED WAY"
 - "EDGE OF PAVEMENT"
 - "50:1"
 - "22.6'
 - "190"
 - "195"
 - "200"
 - "I-5"
 - "SOUTHBOUND I-5"
 - "NORTHBOUND I-5"

ENGINEERING MANAGER

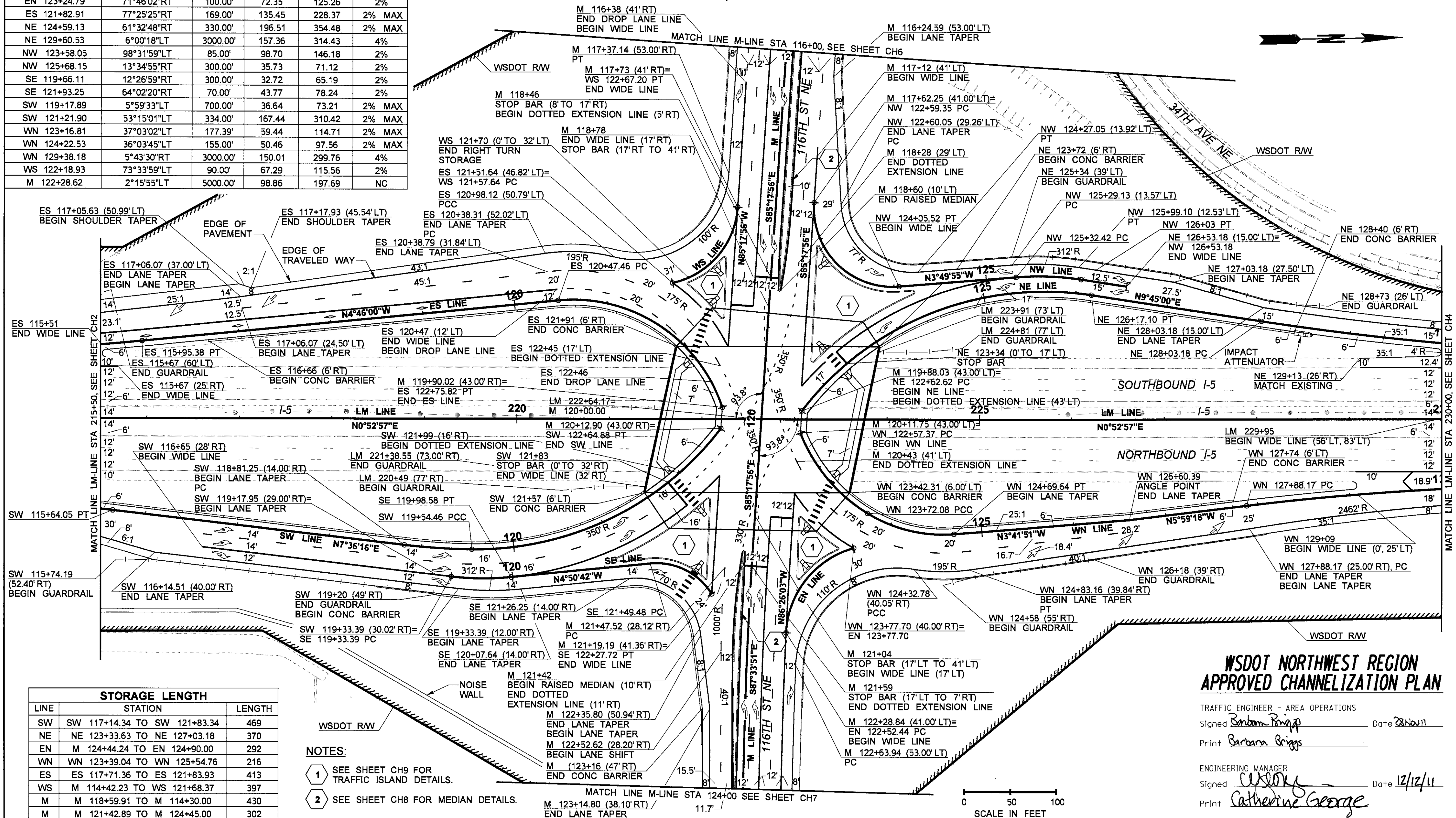
Signed Catherine George Date 12/12/11

Print Catherine George



CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
EN 123+24.79	71°46'02"RT	100.00'	72.35	125.26	2%
ES 121+82.91	77°25'25"RT	169.00'	135.45	228.37	2% MAX
NE 124+59.13	61°32'48"RT	330.00'	196.51	354.48	2% MAX
NE 129+60.53	6°00'18"LT	3000.00'	157.36	314.43	4%
NW 123+58.05	98°31'59"LT	85.00'	98.70	146.18	2%
NW 125+68.15	13°34'55"RT	300.00'	35.73	71.12	2%
SE 119+66.11	12°26'59"RT	300.00'	32.72	65.19	2%
SE 121+93.25	64°02'20"RT	70.00'	43.77	78.24	2%
SW 119+17.89	5°59'33"LT	700.00'	36.64	73.21	2% MAX
SW 121+21.90	53°15'01"LT	334.00'	167.44	310.42	2% MAX
WN 123+16.81	37°03'02"LT	177.39'	59.44	114.71	2% MAX
WN 124+22.53	36°03'45"LT	155.00'	50.46	97.56	2% MAX
WN 129+38.18	5°43'30"RT	3000.00'	150.01	299.76	4%
WS 122+18.93	73°33'59"LT	90.00'	67.29	115.56	2%
M 122+28.62	2°15'55"LT	5000.00'	98.86	197.69	NC

SEC 8 & SEC 9, T. 30N. R. 5E. W.M.



STORAGE LENGTH		
LINE	STATION	LENGTH
SW	SW 117+14.34 TO SW 121+83.34	469
NE	NE 123+33.63 TO NE 127+03.18	370
EN	EN 124+44.24 TO EN 124+90.00	292
WN	WN 123+39.04 TO WN 125+54.76	216
ES	ES 117+71.36 TO ES 121+83.93	413
WS	M 114+42.23 TO WS 121+68.37	397
M	M 118+59.91 TO M 114+30.00	430
M	M 121+42.89 TO M 124+45.00	302

NOTES:

- SEE SHEET CH9 FOR TRAFFIC ISLAND DETAILS.
- SEE SHEET CH8 FOR MEDIAN DETAILS.

WSDOT NORTHWEST REGION APPROVED CHANNELIZATION PLAN

TRAFFIC ENGINEER - AREA OPERATIONS

Signed *Barbara Briggs* Date *12/12/11*

Print *Barbara Briggs*

ENGINEERING MANAGER

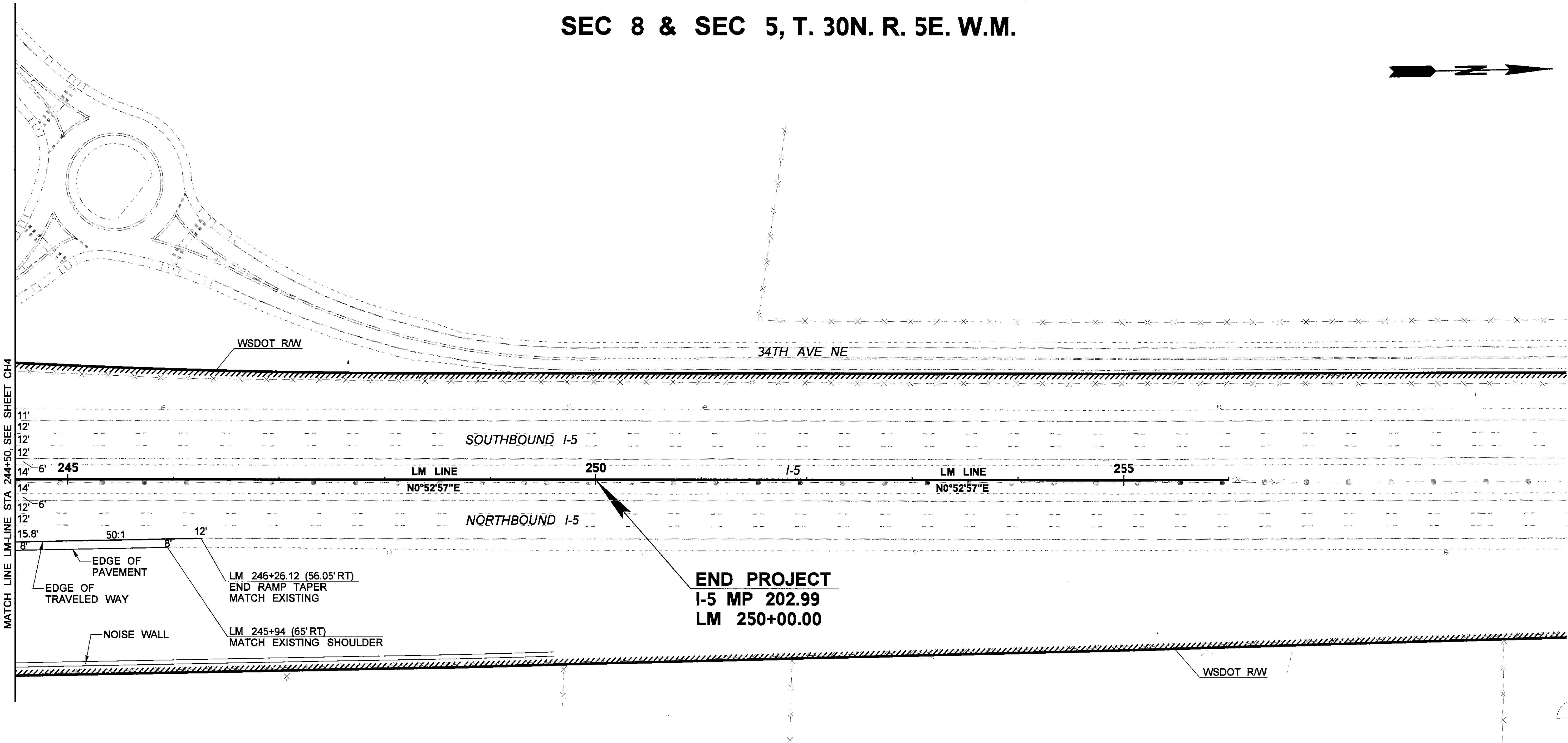
Signed *Catherine George* Date *12/12/11*

Print *Catherine George*

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DATE	11/23/2011
PLOTTED BY	purgabut
DESIGNED BY	M. TSUN / J. JUN
ENTERED BY	B. PURGANAN
CHECKED BY	M. BURRUS
PROJ. ENGR.	S. SHAKLAWUN
REGIONAL ADM.	L. ENG
REVISION	DATE BY

REGION NO.	STATE	FED.AID PROJ.NO.			I-5 MP 201.95 TO MP 202.99 116TH ST NE IMPROVEMENTS TULALIP/SNOHOMISH COUNTY NOVEMBER 2011 CHANNELIZATION PLAN	Plot 3 CH3 SHEET 3 OF 9 SHEETS
10	WASH					
JOB NUMBER	CONTRACT NO.	LOCATION NO.	DATE	DATE		

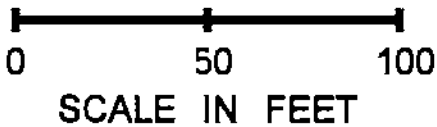
SEC 8 & SEC 5, T. 30N. R. 5E. W.M.



WSDOT NORTHWEST REGION
APPROVED CHANNELIZATION PLAN

TRAFFIC ENGINEER - AREA OPERATIONS
Signed Barbara Briggs Date 28 Nov 11
Print Barbara Briggs

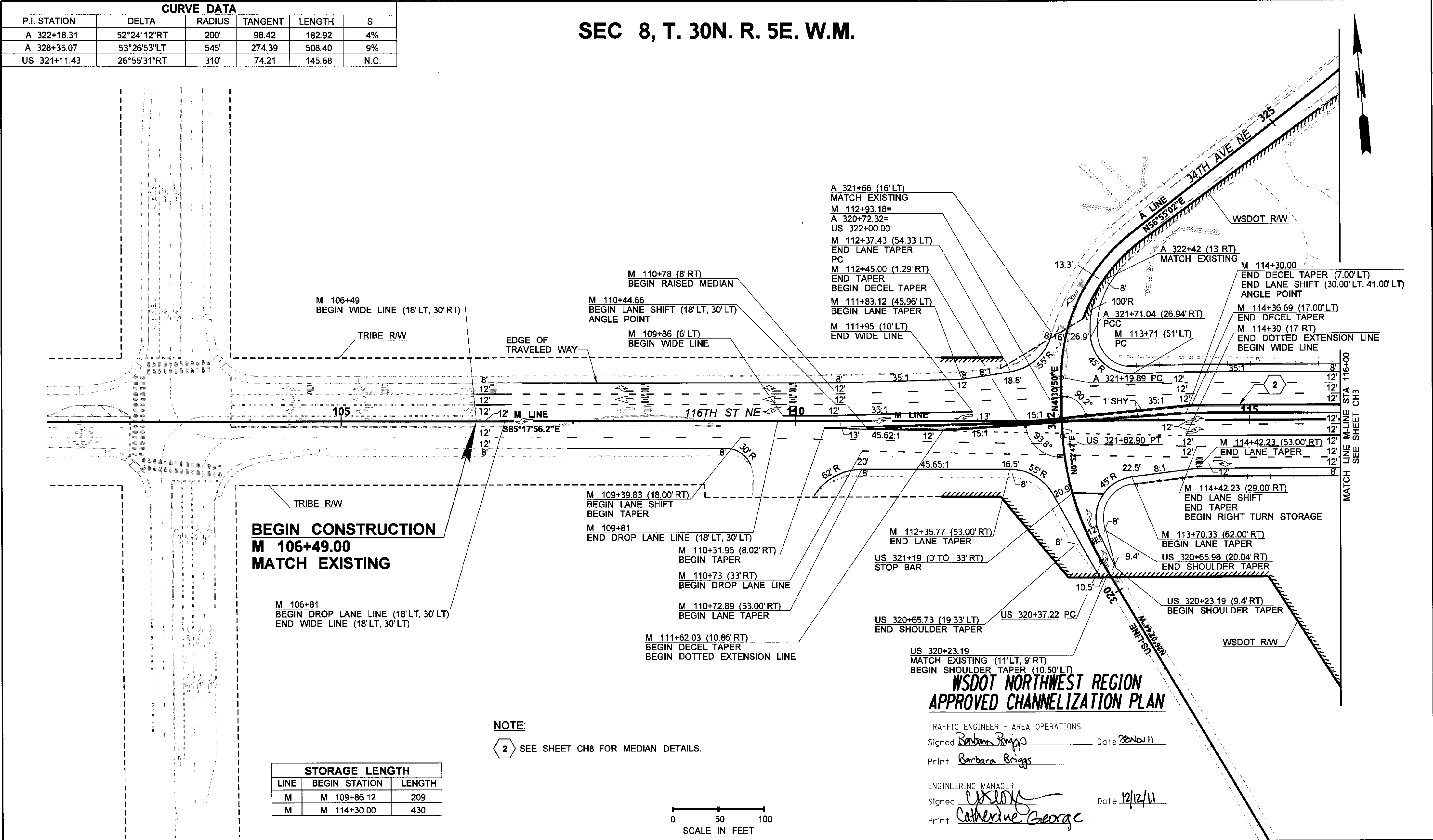
ENGINEERING MANAGER
Signed Catherine George Date 12/12/11
Print Catherine George



FILE NAME U:\Bel\Projects\Clients\1598-Tulalip Tribes\1554-1598-033-116thPh3199Svc\CADD\PlansforApprovalChanPlans\BL1598033_PS_CH.dgn				REGION NO. STATE		FED.AID PROJ.NO.			I-5 MP 201.95 TO MP 202.99	Plot 5
TIME 9:42:52 AM	DATE 11/23/2011	PLOTTED BY purgabut	DESIGNED BY M. TSUN / J. JUN	10	WASH					
ENTERED BY B. PURGANAN	CHECKED BY M. BURRUS	PROJ. ENGR. S. SHAKLAWUN	REGIONAL ADM. L. ENG	CONTRACT NO.		LOCATION NO.	DATE	DATE	116TH ST NE IMPROVEMENTS	CH5
REVISION		DATE	BY	P.E. STAMP BOX		P.E. STAMP BOX				
									TULALIP/SNOHOMISH COUNTY NOVEMBER 2011	SHEET 5 OF 9 SHEETS
									CHANNELIZATION PLAN	

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
A 322+18.31	52°24'12"RT	200'	98.42	182.92	4%
A 328+35.07	53°26'53"LT	545'	274.39	508.40	9%
US 321+11.43	26°55'31"RT	310'	74.21	145.68	N.C.

SEC 8, T. 30N. R. 5E. W.M.



FILE NAME U:\Beil\Projects\Clients\1598-Tulalip Tribes\1554-1598-033-116thPh3199Svcs\CADD\PlansforApproval\ChanPlans\BL1598033_PS_CH.dgn		REGION NO. 10 STATE WASH		FED.AID PROJ.NO.	
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DATE 11/23/2011		CONTRACT NO.		DATE	
PLOTTED BY purgabut				BY	
DESIGNED BY M. TSUN / J. JUN					
ENTERED BY B. PURGANAN					
CHECKED BY M. BURRUS					
PROJ. ENGR. S. SHAKLAWUN					
REGIONAL ADM. L. ENG					
REVISION		DATE		BY	

I-5 MP 201.95 TO MP 202.99

116TH ST NE IMPROVEMENTS

TULALIP/SNOHOMISH COUNTY NOVEMBER 2011

CHANNELIZATION PLAN

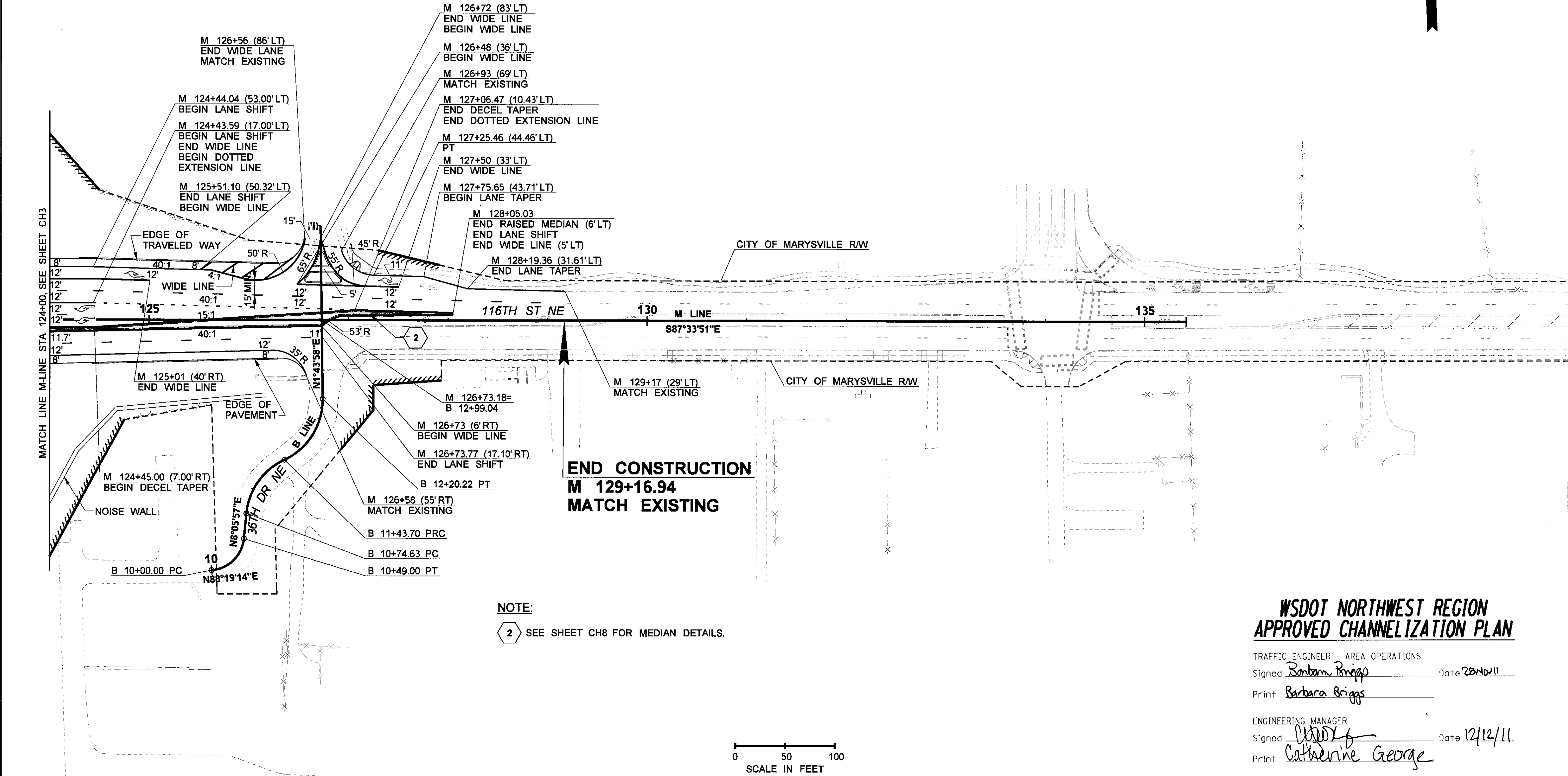
Plot 6

PLAN REF NO CH6

SHEET 6 OF 9 SHEETS

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
B 10+29.48	30°13'17"LT	35'	29.48	49	N.C.
B 11+12.59	59°04'01"RT	67'	37.96	69.07	N.C.
B 11+86.74	65°26'00"LT	67'	43.04	76.52	N.C.

SEC 9, T. 30N. R. 5E. W.M.

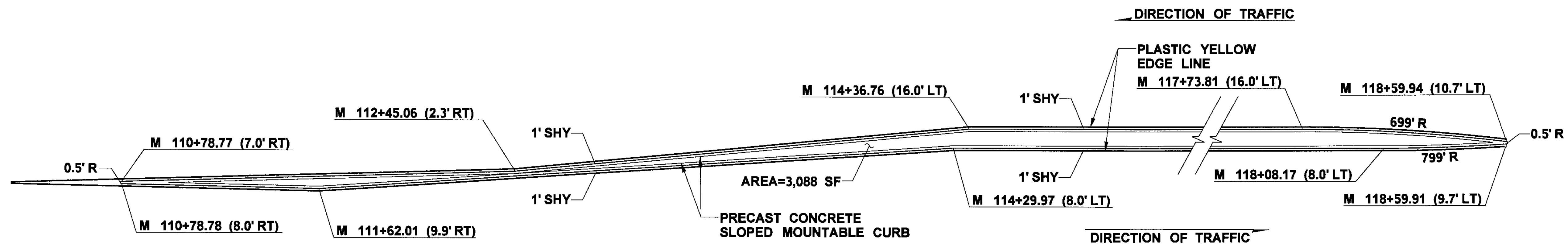


NOTE:
2 SEE SHEET CH8 FOR MEDIAN DETAILS.

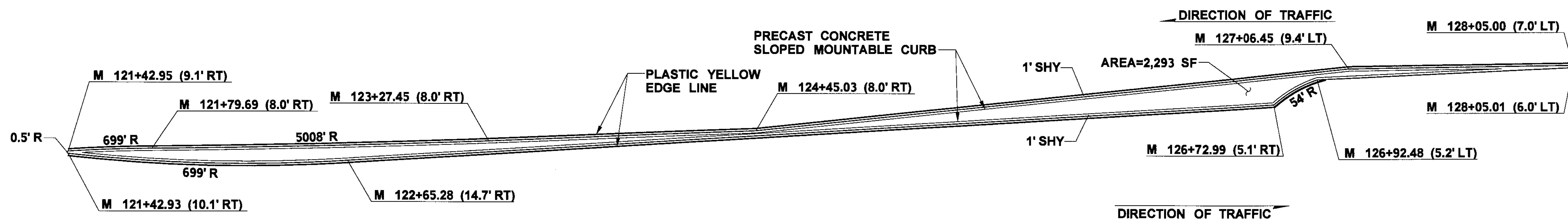
WSDOT NORTHWEST REGION
APPROVED CHANNELIZATION PLAN

TRAFFIC ENGINEER - AREA OPERATIONS
Signed Barbara Briggs Date 20 Nov 11
Print Barbara Briggs
ENGINEERING MANAGER
Signed Catherine George Date 12/12/11
Print Catherine George

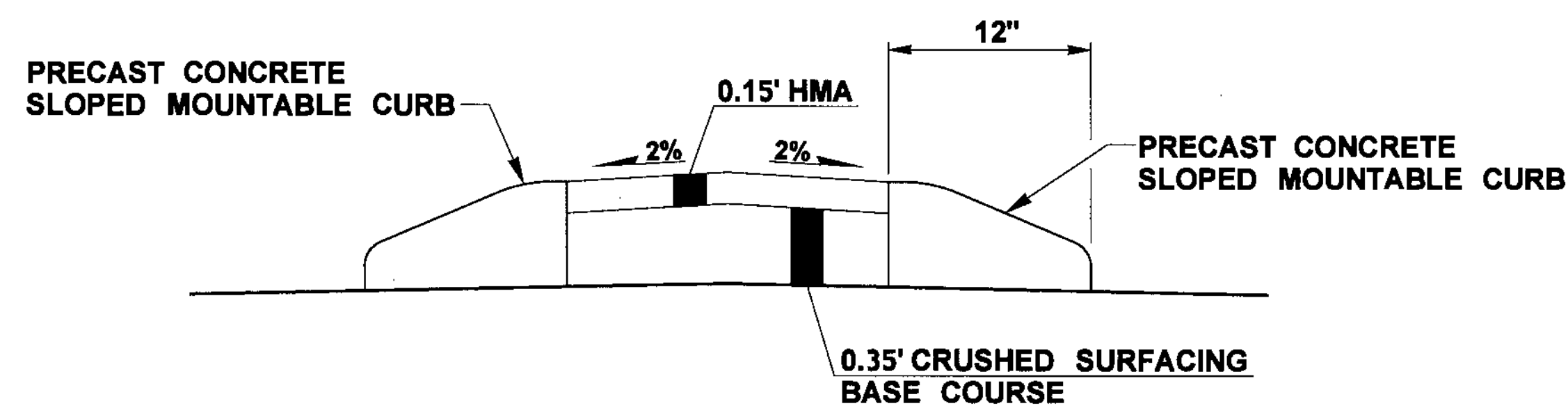
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TIME 9:41:24 AM	DATE 11/23/2011	DESIGNED BY M. TSUN / J. JUN	ENTERED BY B. PURGANAN	CHECKED BY M. BURRUS	PROJ. ENGR. S. SHAKLAWUN	REGIONAL ADM. L. ENG	REVISION	DATE	BY	CONTRACT NO.	LOCATION NO.	116TH ST NE IMPROVEMENTS		PLAN REF NO CH7
										TULALIP/SNOHOMISH COUNTY NOVEMBER 2011		CHANNELIZATION PLAN		SHEET 7 OF 9 SHEETS



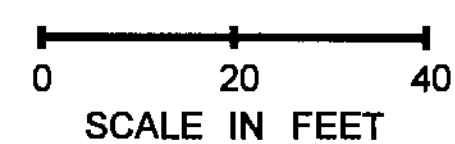
RAISED MEDIAN DETAIL



RAISED MEDIAN DETAIL



RAISED MEDIAN SECTION

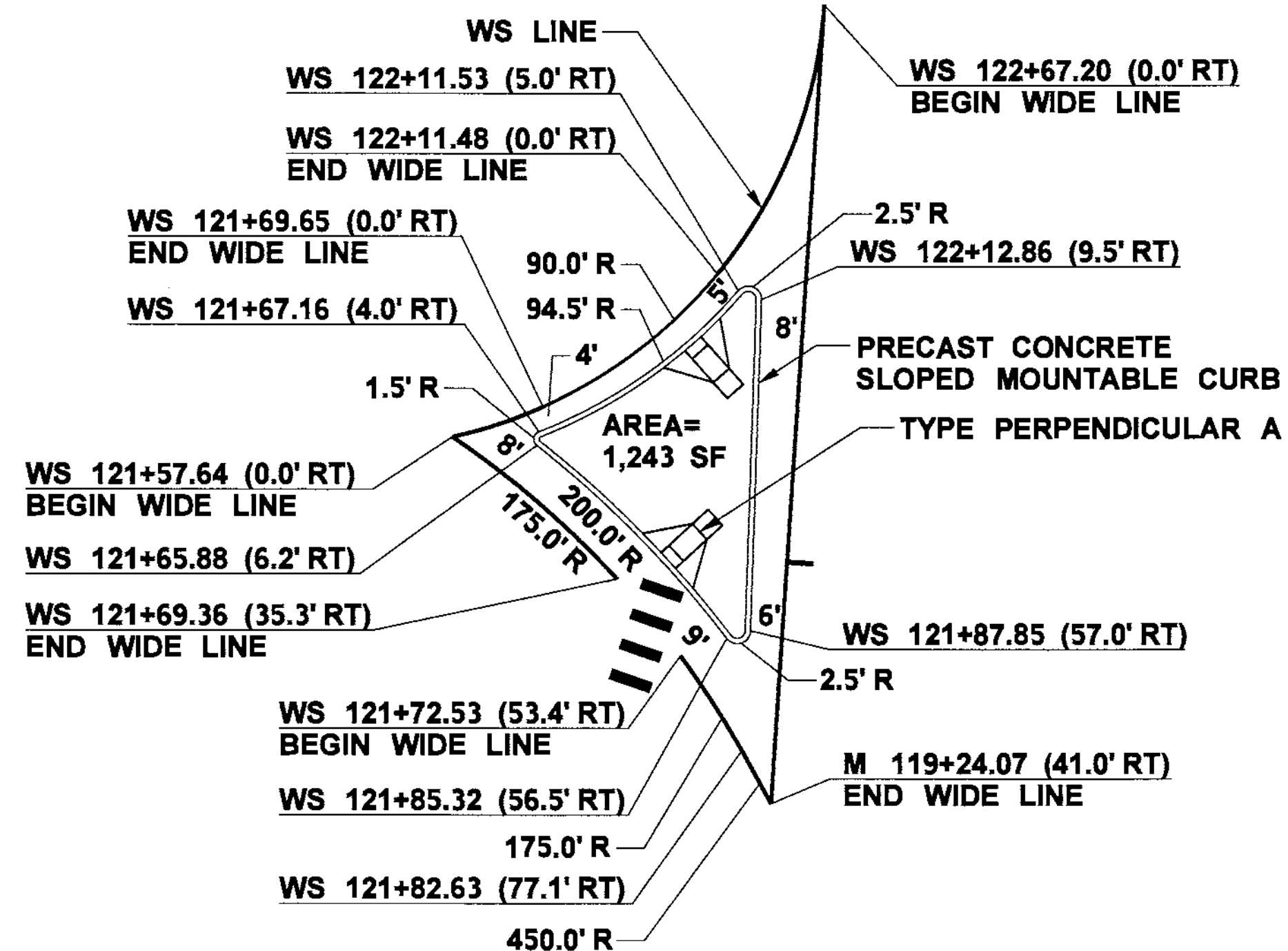


**WSDOT NORTHWEST REGION
APPROVED CHANNELIZATION PLAN**

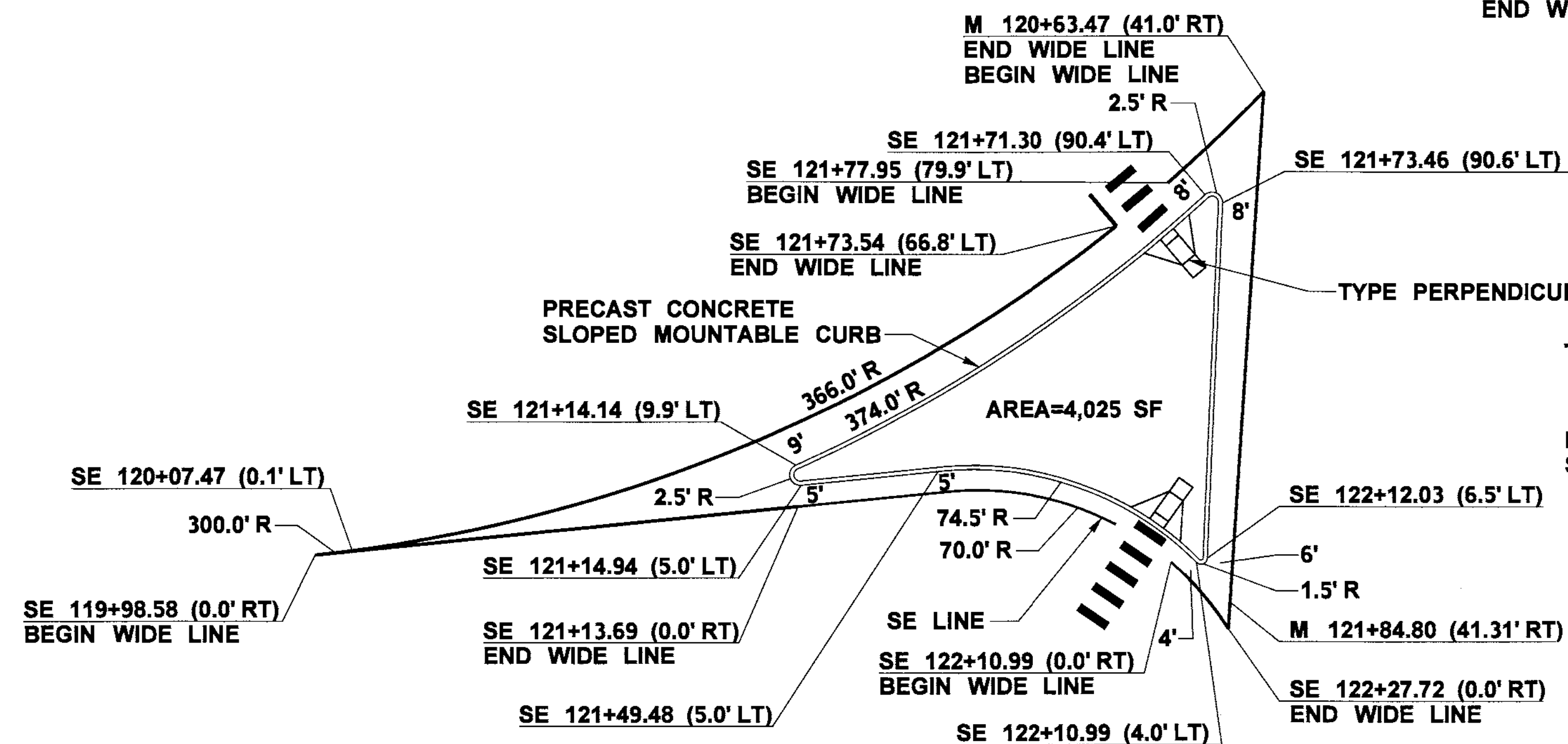
TRAFFIC ENGINEER - AREA OPERATIONS
Signed Barbara Briggs Date 11/23/11
Print Barbara Briggs

ENGINEERING MANAGER
Signed Catherine George Date 12/12/11
Print Catherine George

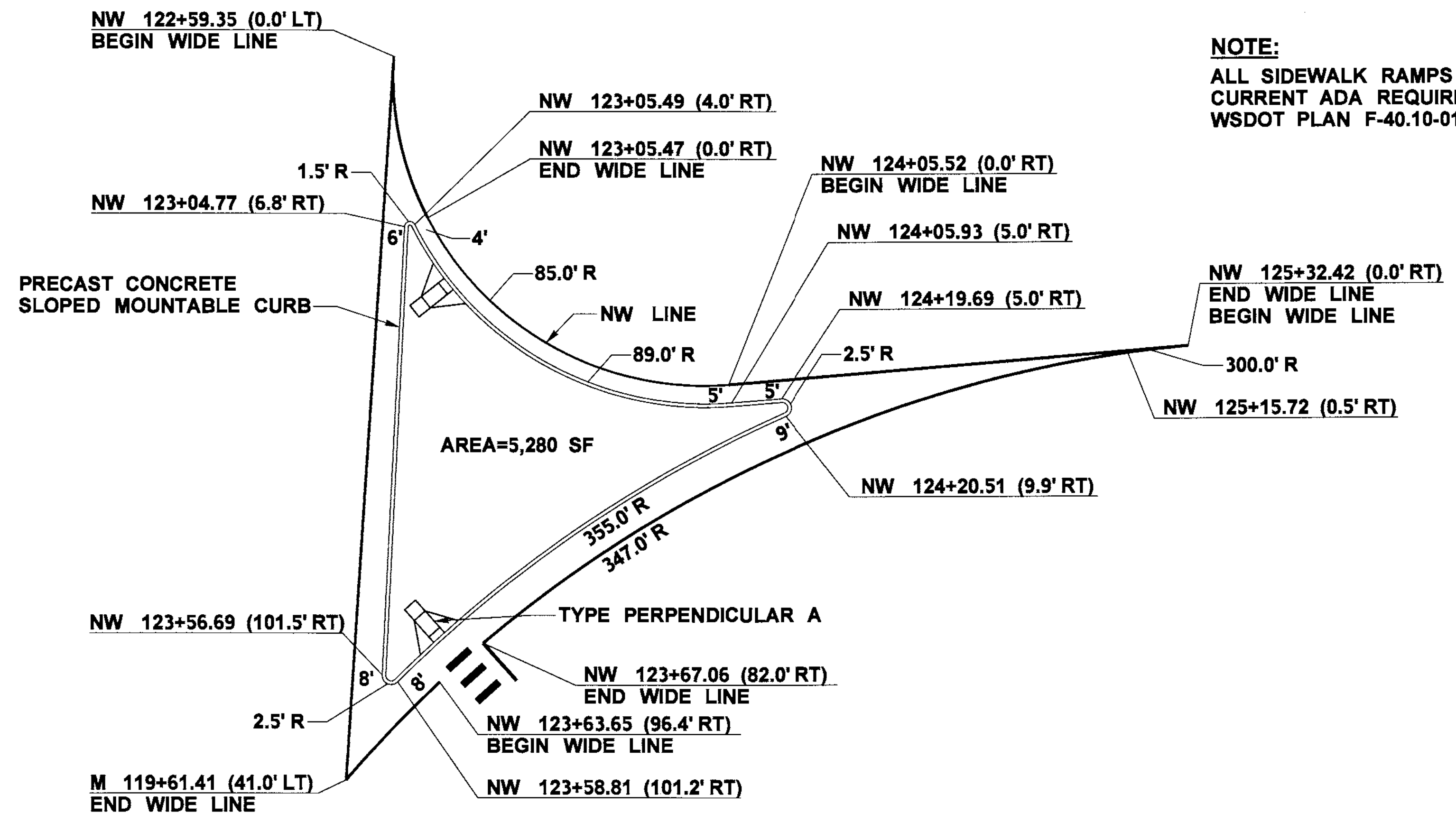
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TIME 9:14:07 AM	DATE 11/23/2011	PLOTTED BY purgabut	DESIGNED BY M. TSUN / J. JUN	10	WASH																					
ENTERED BY B. PURGANAN	CHECKED BY M. BURRUS	PROJ. ENGR. S. SHAKLAWUN	REGIONAL ADM. L. ENG	CONTRACT NO.		LOCATION NO.		DATE		DATE		TULALIP TRIBES		PLAN REF NO CH8												
REVISION				DATE		BY		P.E. STAMP BOX		P.E. STAMP BOX		Parametrix														
116TH ST NE IMPROVEMENTS													NOVEMBER 2011													
TULALIP/SNOHOMISH COUNTY CHANNELIZATION PLAN													SHEET 8 OF 9 SHEETS													



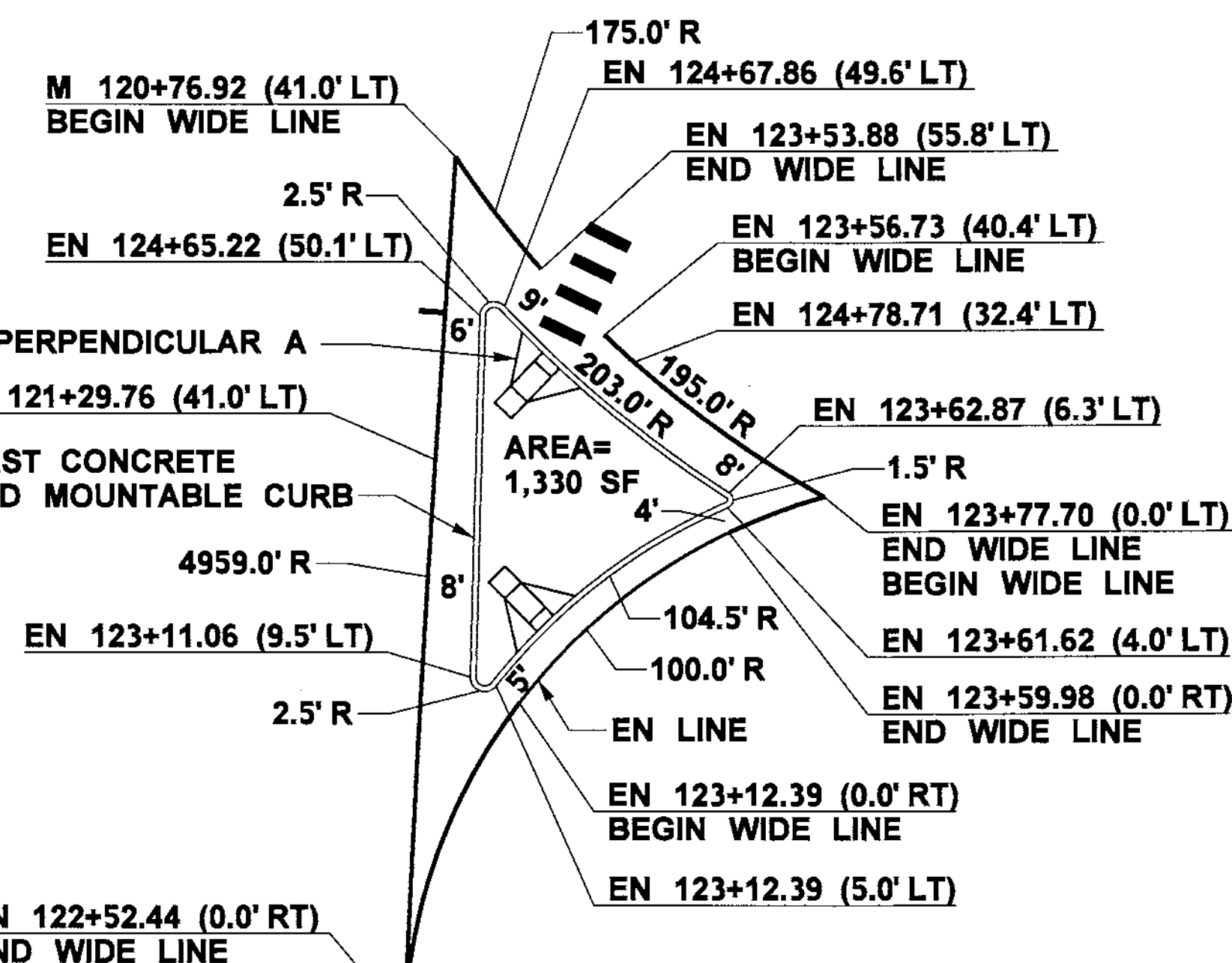
TRAFFIC ISLAND DETAIL
I-5 SOUTH BOUND ON-RAMP



TRAFFIC ISLAND DETAIL
I-5 NORTH BOUND OFF-RAMP



TRAFFIC ISLAND DETAIL
I-5 SOUTH BOUND OFF-RAMP



TRAFFIC ISLAND DETAIL
I-5 NORTH BOUND ON-RAMP

NOTE:
ALL SIDEWALK RAMPS SHALL MEET
CURRENT ADA REQUIREMENTS. SEE
WSDOT PLAN F-40.10-01.

WSDOT NORTHWEST REGION
APPROVED CHANNELIZATION PLAN

TRAFFIC ENGINEER - AREA OPERATIONS

Signed Barbara Briggs Date 28 Nov 11

Print Barbara Briggs

ENGINEERING MANAGER

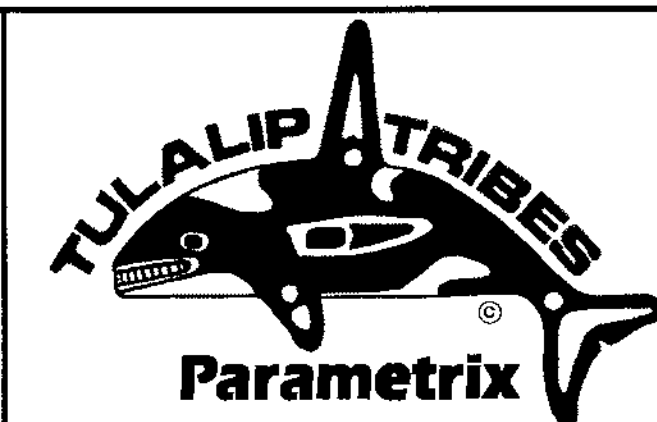
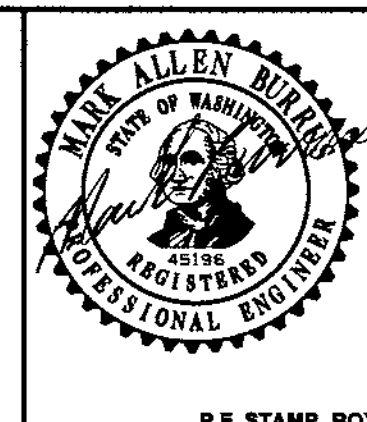
Signed Catherine George Date 12/12/11

Print Catherine George

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SCALE IN FEET

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DATE	11/23/2011			
PLOTTED BY	purgabut			
DESIGNED BY	M. TSUN / J. JUN			
ENTERED BY	B. PURGANAN			
CHECKED BY	M. BURRUS			
PROJ. ENGR.	S. SHAKLAWUN			
REGIONAL ADM.	L. ENG			
REVISION	DATE	BY		

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



I-5	MP 201.95 TO MP 202.99	Plot 9
116TH ST NE IMPROVEMENTS		PLAN REF NO CH9
TULALIP/SNOHOMISH COUNTY NOVEMBER 2011		SHEET 9 OF 9 SHEETS
CHANNELIZATION PLAN		