



REVIEW BY FORT BEND COUNTY
COMMISSIONERS COURT

Fort Bend County
Engineering Department
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

☒

Right of Way Permit

☐

Commercial Driveway Permit

Permit No: 2017-14930

Applicant: Windstream Sugar Land, Inc.

Job Location Site: Northbound Grand Parkway over the Brazos River, Sugar Land, TX 11111

Bond No. *****7604 **Date of Bond:** 6/23/2009 **Amount:** \$50,000.00

The above applicant came to make use of certain Fort Bend County property subject to, "The Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas, of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Chapter 181, Vernon's Texas Statutes and Codes Annotated.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. When construction is completed and ready for final inspection, submit notification to Permit Administrator thru MyGovernmentOnline.org portal.
3. This permit expires one (1) year from date of permit if construction has not commenced.

On this 1st day of August, 2017, Upon Motion of Commissioner _____, seconded by Commissioner _____, duly put and carried, it is ORDERED, ADJUDGED AND DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Signature

Presented to Commissioners Court and approved.

By: *Chandy O. Ay*

Date Recorded _____ Comm. Court No. _____

for County Engineer

Clerk of Commissioners Court

N/A

By: _____

By: _____

Drainage District Engineer/Manager

Deputy



**PERMIT APPLICATION REVIEW FORM FOR
CABLE, CONDUIT, AND POLE LINE ACTIVITY
IN FORT BEND COUNTY**

**Fort Bend County
Engineering Department**
301 Jackson Suite 401
Richmond, Texas 77469
281.633.7500
Permits@fortbendcountytexas.gov

☒

Right of Way Permit

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Commercial Driveway Permit

Permit No: 2017-14930

The following "Notice of Proposed Cable, Conduit, and/or Pole Line activity in Fort Bend County" and accompanying attachments have been reviewed and the notice conforms to appropriate regulations set by Commissioner's Court of Fort Bend County, Texas.

(1) COMPLETE APPLICATION FORM:

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a. Name of road, street, and/or drainage ditch affected.

☒

b. Vicinity map showing course of directions

☒

c. Plans and specifications

(2) BOND:

☐

County Attorney, approval when applicable.

☒

Perpetual bond currently posted.

Bond No: *****7604

Amount: \$50,000.00

☐

Performance bond submitted.

Bond No:

Amount:

☐

Cashier's Check

Check No:

Amount:

(3) DRAINAGE DISTRICT APPROVAL (WHEN APPLICABLE):

Drainage District Approval

Date

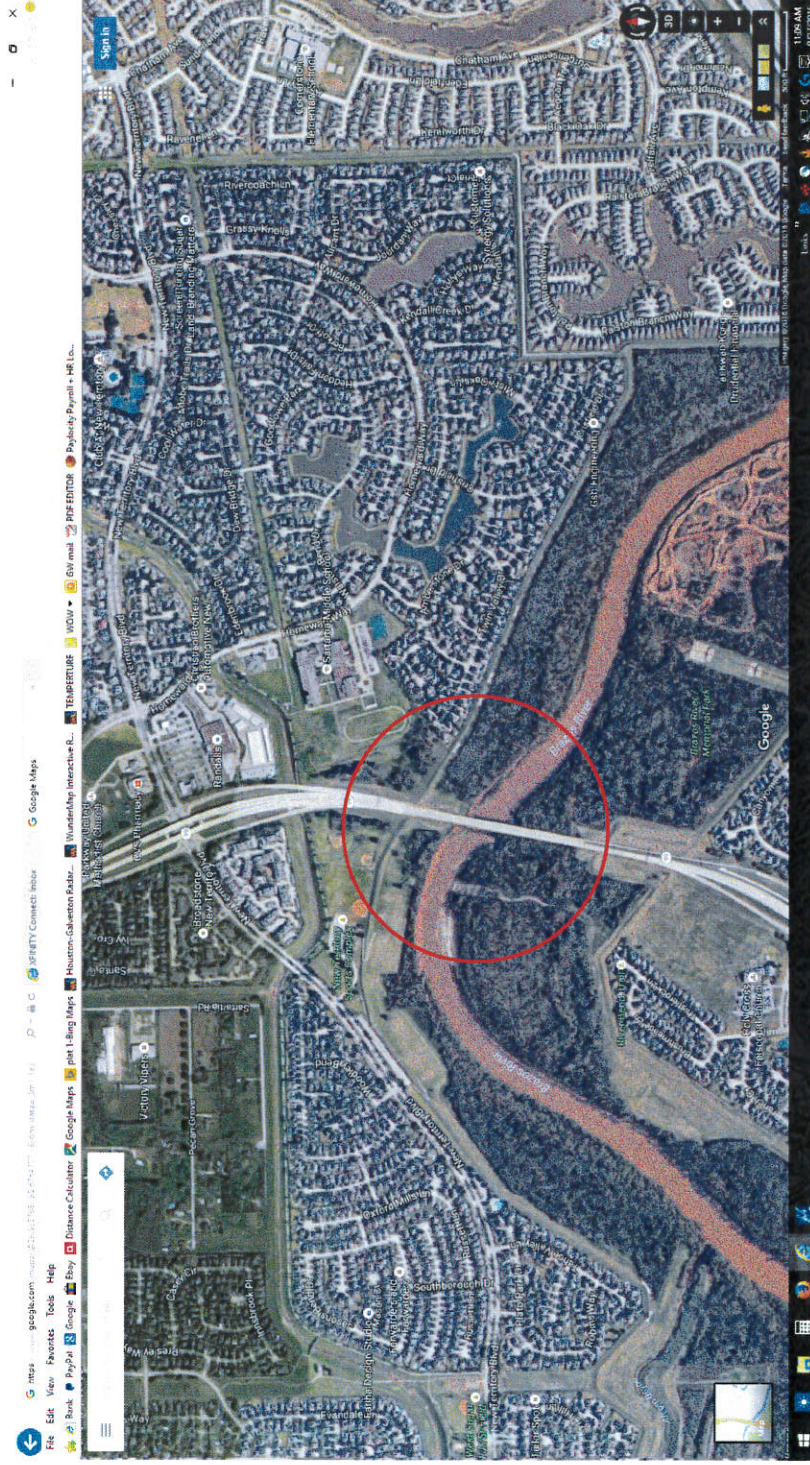
We have reviewed this project and agree it meets minimum requirements.

Charles O. Ay

Permit Administrator

7/24/17

Date

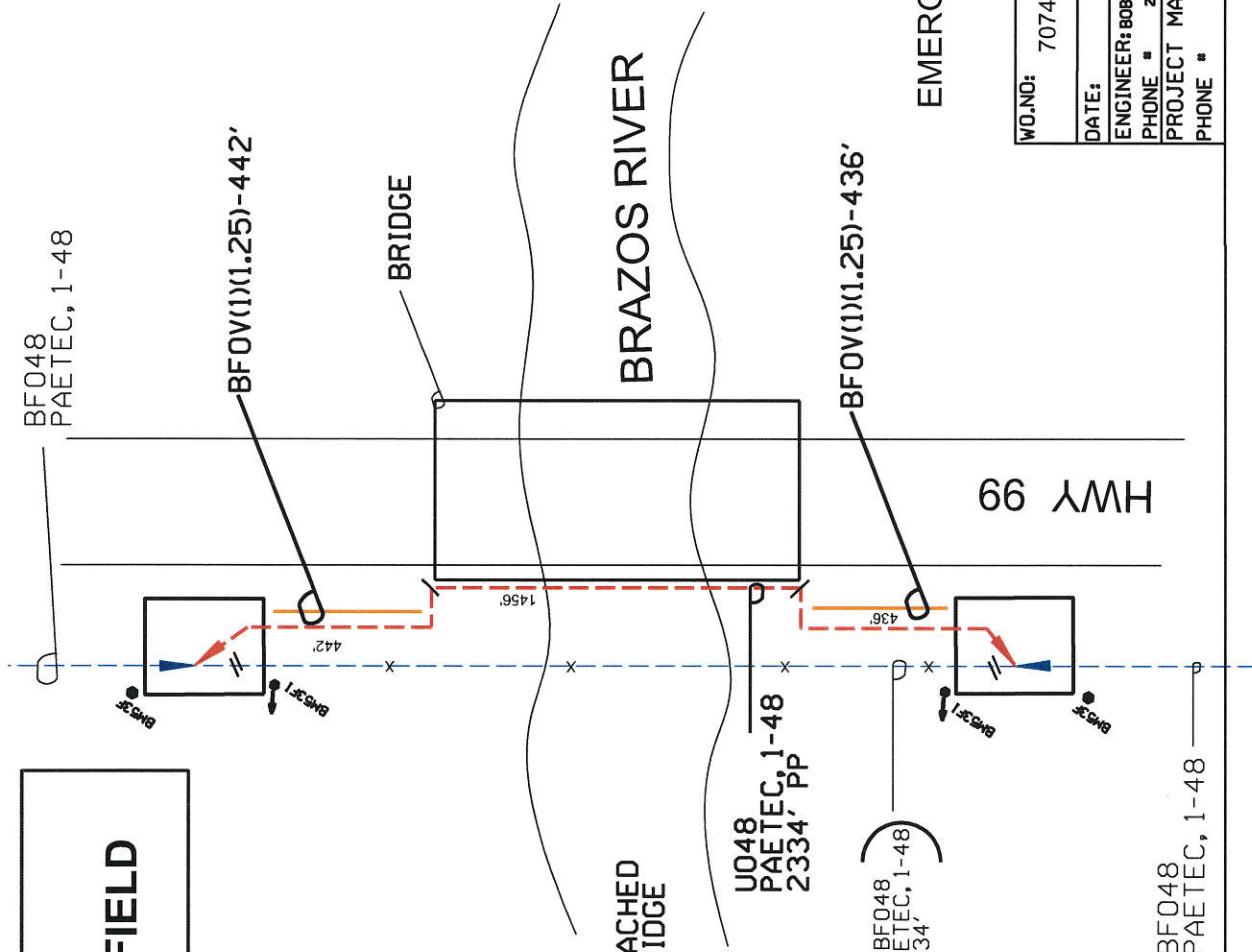


WO.NO:	707463091	EXCHANGE: SUGARLAND	CUT SHEET REQ.	NO
DATE:	REVISION #:	DISTRICT: SOUTH	PERMIT REQ.	NO
ENGINEER: BOBBY SOMMERFELD	REV. DATE:		MOP REQ.	NO
PHONE # 281-393-8344			JOINT WORK REQ.	NO
PROJECT MANAGER: PETE MACEJEWSKI			SHEET 1 OF 2	
PHONE # 281-490-9353				

**NOTE:
COMPLETED IN FIELD**

**NOTE:
COMPLETED IN FIELD**

BFO48
PAETEC, 1-48



**NOTE:
NEW FIBER IS
TEMPORARY ATTACHED
TO EXISTING BRIDGE**

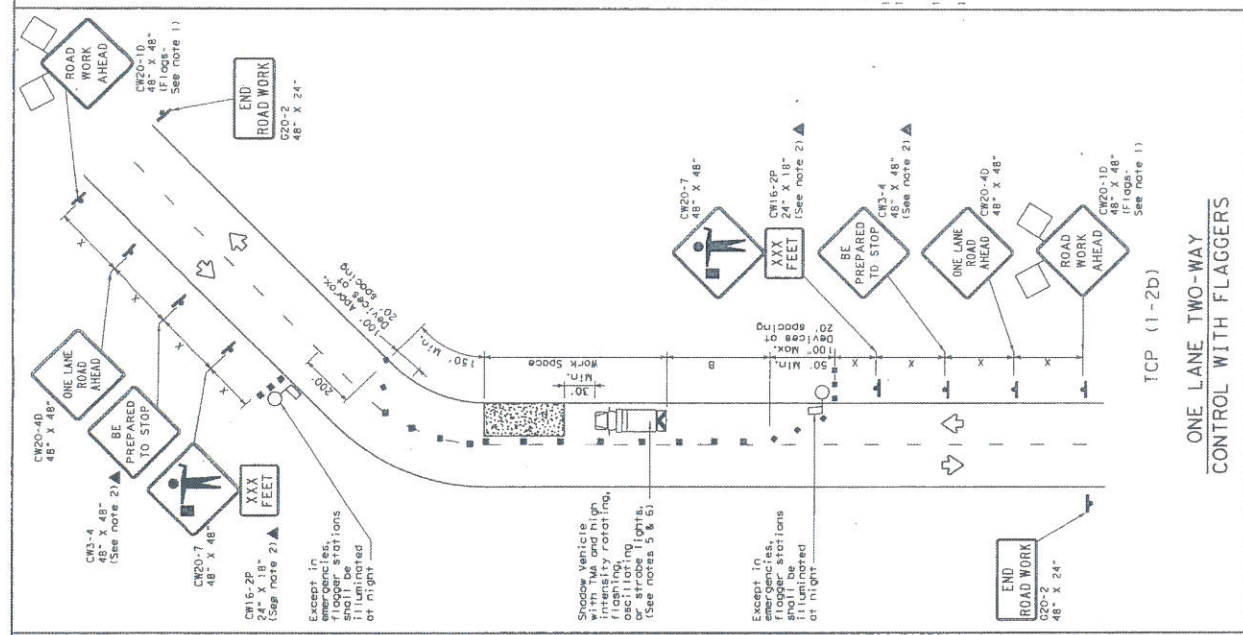
U048
PAETEC, 1-48
2334' PP

XXBFO48
PAETEC, 1-48
2334

BFO48
PAETEC, 1-48

EMERGENCY FIBER OVER BRAZOS RIVER

WINDSTREAM			
WO.NO:	707463091	EXCHANGE: SUGARLAND	CUT SHEET REQ. NO
DATE:	REVISION #:	DISTRICT: SOUTH	PERMIT REQ. NO
ENGINEER: BOBBY SOMMERFELD	REV. DATE:		MOP REQ. NO
PHONE # 281-303-0344			JOINT WORK REQ. NO
PROJECT MANAGER: PETE MACEJEWSKI			
PHONE #	281-490-9353		SHEET 2 OF 2

GENERAL NOTES

1. Flags attached to sign where shown are REQUIRED.
 2. All traffic control signs that are ILLUSTRATED, REQUIRED, except those devoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
 3. The "NO AHEAD" STOP sign may be installed after the "NO AHEAD" "ONE LANE AHEAD" sign, but proper sign spacing shall be maintained.
 4. A "YIELD" sign may be substituted for a "STOP" sign when the "YIELD" sign may be used if advance warning ahead of the stoppage or the "YIELD" sign is less than 1500 feet.
 5. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road work conditions require or if the work is in a hazardous location, the Shadow Vehicle or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
 6. Additional Shadow Vehicles with TMA may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
- TCP (11-20)**
1. R1-2 "YIELD" sign traffic control may be used on projects with approaches that have adequate sight triangles for projects in urban areas, work spaces should be no longer than one half city block. In rural areas on roadways with less than 2000 ADT, work spaces should be no longer than 400 feet.
 2. R1-2 "YIELD" sign with R1-6SP to OBTAINING TRAFFIC" plaque shall be placed on a support at 700 feet minimum spacing in length.
- Flagger (11-2b)**
1. Flagger should use two-way radios or other methods of communication to control traffic.
 2. Length of work space should be based on the ability of flaggers to communicate.
 3. The length of the work space should be increased to allow for adequate stopping distances and a queue of stopped vehicles (see table above).
 4. Channelizing devices on the center-line may be omitted when a pilot car is leading traffic and approved by the Engineer.
 5. Flagger should use stop signs to control traffic. Flags should be limited to emergency situations.

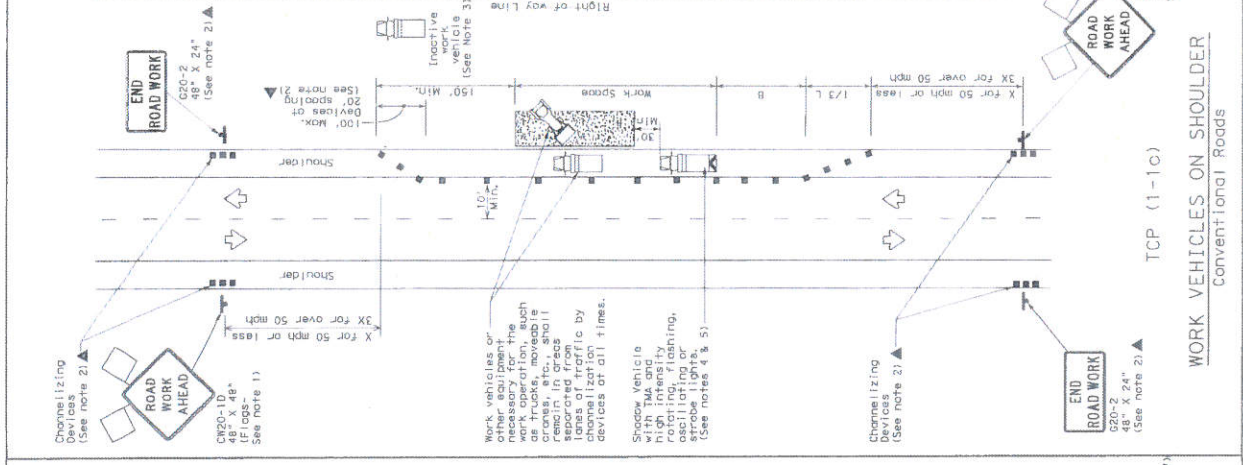
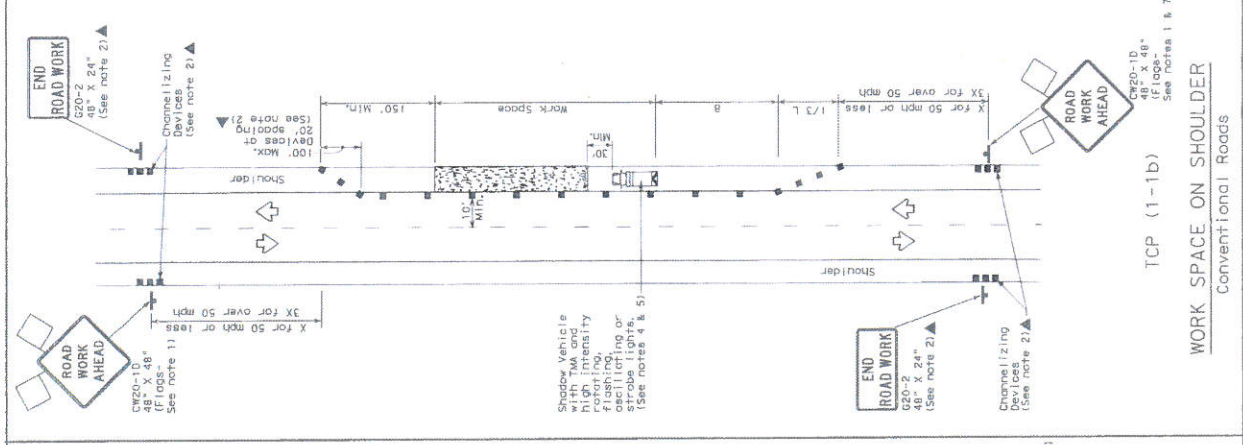
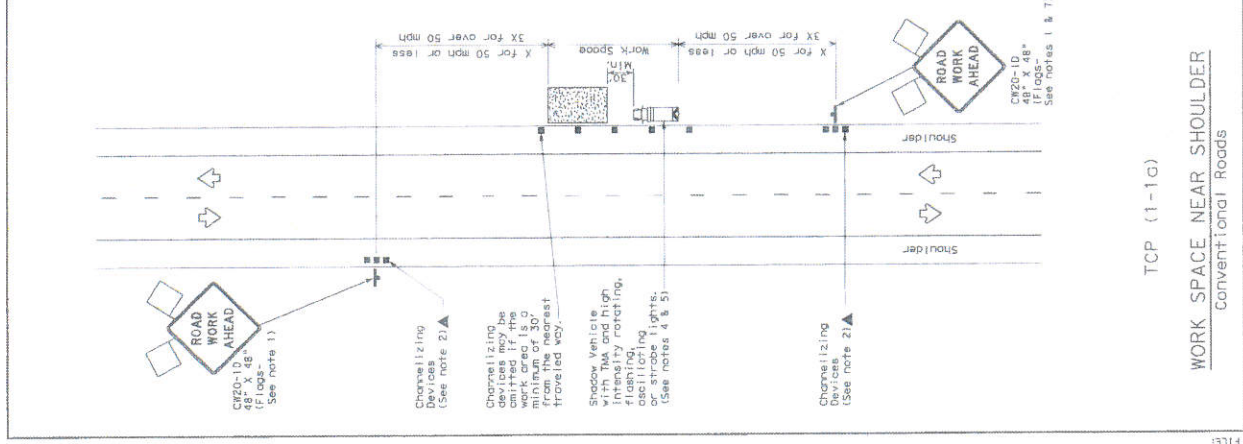
 Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
ONE-LANE TWO-WAY
TRAFFIC CONTROL

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

(C) T-001	December 1985	DIN T-007	CN T-001	EAN T-007	(C) T-001
	REVISIONS			JOB	SERIAL
		DWG SELECT			
4-90	2-12				
2-84					
1-57					
4-56		0157		QUALITY NO.	QUALTY NO.

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for damages resulting from its use.



LEGEND

Symbol	Description
	Channelizing Devices
	Truck Mounted Attenuator (TMA)
	Portable Changeable Message Sign (PCMS)
	Traffic Flow
	Flagger

Typical Usage

Mobile	Short Duration	Short Term Stationary	Intermediate Term Stationary	Long Term Stationary
✓	✓	✓	✓	✓

GENERAL NOTES

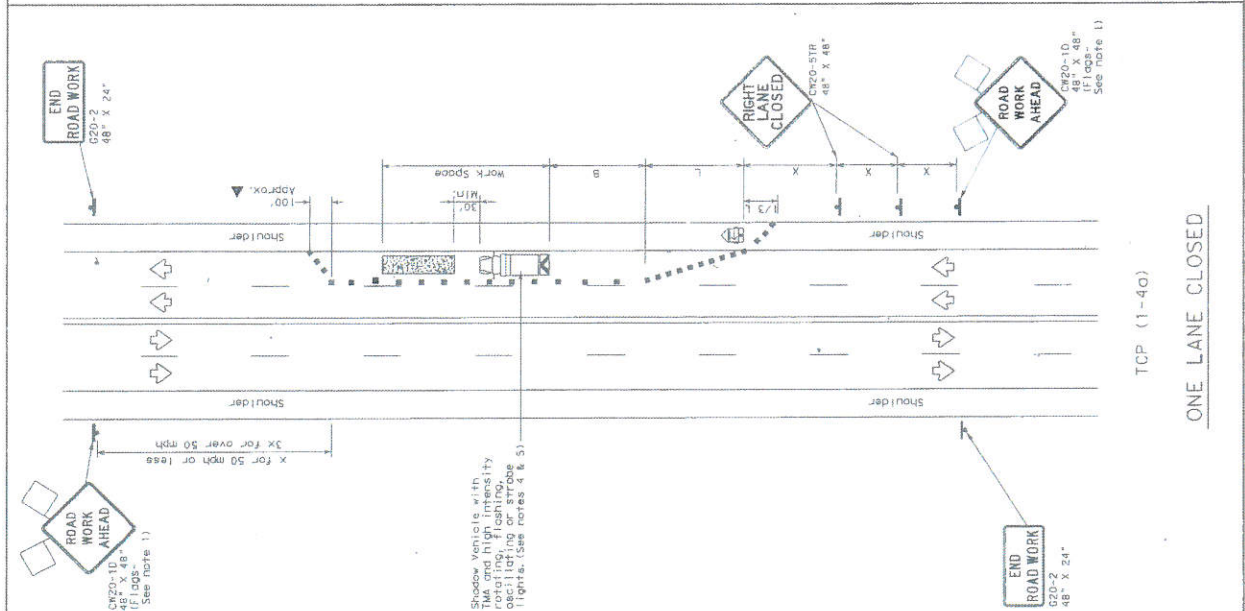
- Flags attached to signs shall be removed when not required.
- All traffic control devices (illumination) are required, except those denoted with the triangle symbol may be omitted when stored elsewhere in the plant, or for routine maintenance work, when approved by the Engineer.
- Right-of-way line and other equipment should be parked near the shoulder.
- A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are too close to the work area, the Shadow Vehicle should be used to maintain the work area.
- Additional Shadow Vehicles with TMA may be positioned off the paved shoulder.
- See TCD-5.1 for shoulder work on divided highways, expressways and freeways.
- C20-10 "SHOULDER WORK" signs may be used in place of C20-10 "ROAD WORK AHEAD" signs for shoulder work on conventional roadway.

TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

Texas Department of Transportation
Traffic Operations Division

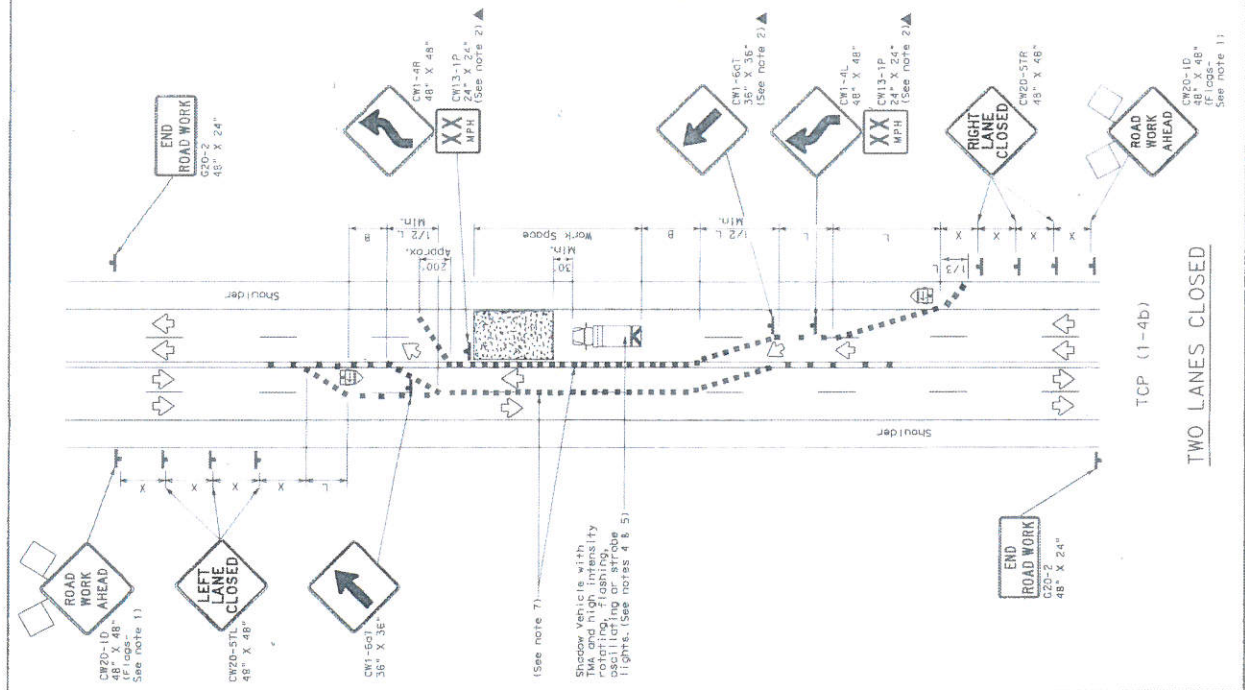
TCP (1-1) - 12

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever, except as stated on the drawings or specifications. The user assumes all liability for the consequences of its use.



TCP (1-4a)

ONE LANE CLOSED



TCP (1-4b)

TWO LANES CLOSED

LEGEND

Channelizing Devices	Truck Mounted Attenuator (TMA)
Heavy Work Vehicle	Portable Changeable Message Sign (PCMS)
Trailer Mounted Flashing Arrow Board	Traffic Flow
Sign	Flag

Posted Speed	Formula	Minimum Taper Length	Minimum Channelizing Device Spacing	Minimum Sign Spacing	Minimum Buffer Space	Maximum Length of Buffer Space
30	$L = 1.5S^2$	150'	15'	15'	15'	30'
35	$L = 1.5S^2$	205'	22.5'	22.5'	22.5'	45'
40	$L = 1.5S^2$	285'	28.5'	28.5'	28.5'	57'
45	$L = 1.5S^2$	390'	39'	39'	39'	78'
50	$L = 1.5S^2$	500'	50'	50'	50'	100'
55	$L = 1.5S^2$	660'	66'	66'	66'	132'
60	$L = 1.5S^2$	840'	84'	84'	84'	168'
65	$L = 1.5S^2$	1035'	103.5'	103.5'	103.5'	207'
70	$L = 1.5S^2$	1245'	124.5'	124.5'	124.5'	249'
75	$L = 1.5S^2$	1470'	147'	147'	147'	294'

* Conventional Roads Only
* Taper lengths have been rounded off.
* Length of taper (T) width or offset (T) Speed (MPH)

TYPICAL USAGE

MOBILE	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
✓	✓	✓	✓

GENERAL NOTES

1. Signs attached to signs where shown are REQUIRED.
2. All signs must be used as shown. Do not alter, except those depicted with the triangle symbol may be omitted when stored as shown in the plans, or for routine maintenance work, when approved by the Engineer.
3. The G20-10 "ROAD AHEAD" sign may be replaced if the visibility of the work zone is less than 1500 feet.
4. 30 to 100 feet in advance of the work zone, without adversely affecting the performance or quality of the work, if workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricade or other channelizing devices may be substituted.
5. Additional Show Vehicles with TMA may be positioned off the paved surface, next to those shown in order to protect wider work spaces.

TCP (1-4a)

5. If this TCP is used for a left lane closure, G20-5TL "LEFT LANE CLOSED" signs shall be used and channelizing devices shall be placed on the centerline where needed to protect the work space from opposing traffic with the arrow panel placed in the closed lane near the end of the taper.

TCP (1-4b)

7. Where traffic is directed over a yellow centerline, channelizing devices, which separate two-way traffic should be spaced on towers at 20' or 15' if posted speeds are 35 mph or slower, and for tangent sections, at 1/2S where S is the speed in mph. This tighter device spacing is intended for the areas of conflicting markings, not the entire work zone.

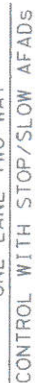
For construction projects, the contract project engineer shall determine the appropriate signs and devices to be used in the project. The project engineer shall determine the appropriate signs and devices to be used in the project. The project engineer shall determine the appropriate signs and devices to be used in the project.

Texas Department of Transportation
Traffic Operations Division

TRAFFIC CONTROL PLAN
LANE CLOSURES ON MULTILANE
CONVENTIONAL ROADS

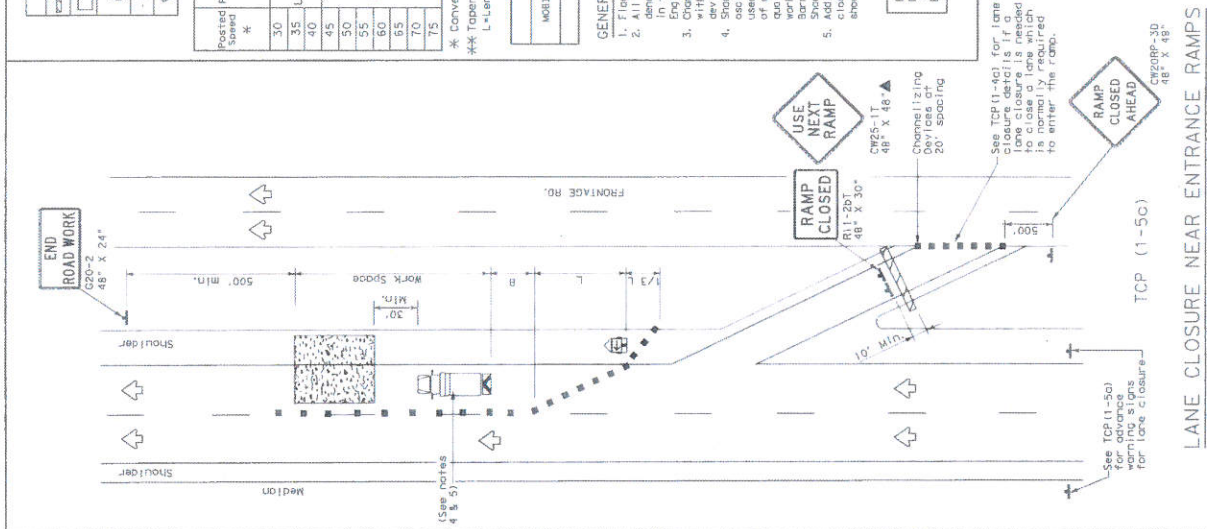
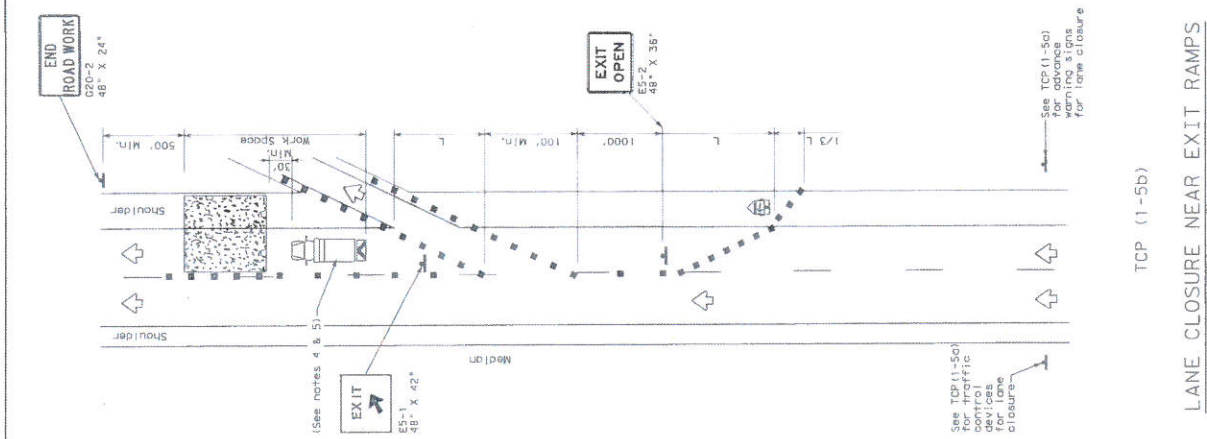
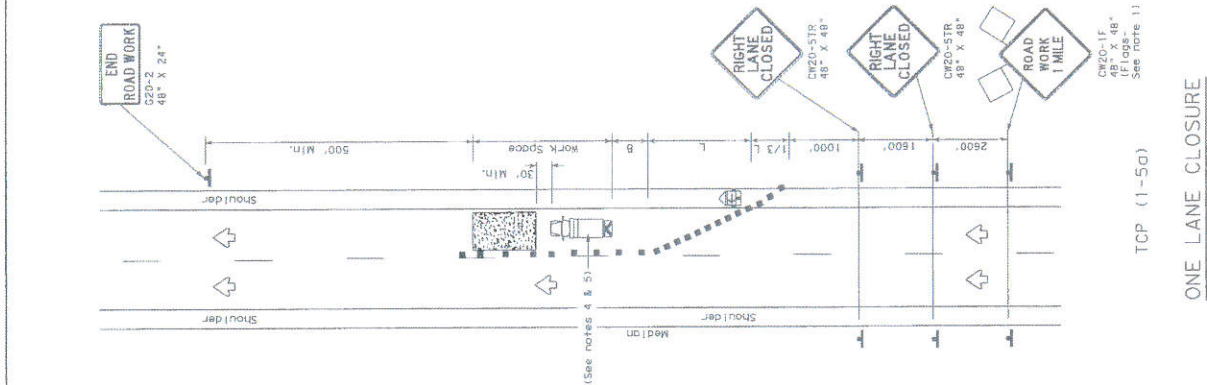
TCP (1-4) - 12

DATE	2-12	REV	1-21	1-21	1-21
BY	1-21	1-21	1-21	1-21	1-21
CHKD	1-21	1-21	1-21	1-21	1-21
APPD	1-21	1-21	1-21	1-21	1-21



For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502.

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LEGEND

Type	3	Barri-code	Channelizing Devices
Heavy Work Vehicle	Truck Mounted Attenuator (TMA)		
Trailer Mounted Flashing Arrow Board	Portable Changeable Message Sign (PCMS)		
Sign	Sign		
Flag	Flag		

Posted Speed MPH	Formula	Minimum Desirable Taper Lengths **	Supplemental Desirable Channelizing Device	Minimum Sign Spacing ' x '	Suggested Minimum Sign Spacing ' x '			
30	L = W ² 40	150	165'	180'	30'	60'	120'	90'
35		205	225'	245'	35'	70'	160'	120'
40		255	295'	320'	40'	80'	240'	155'
45	L = WS	430	495'	540'	45'	90'	320'	195'
50		500	565'	600'	50'	100'	400'	245'
55		550	605'	660'	55'	110'	500'	295'
60	L = WS	600	665'	720'	60'	120'	600'	350'
65		650	715'	780'	65'	130'	700'	400'
70		700	765'	840'	70'	140'	800'	475'
75	L = WS	750	825'	900'	75'	150'	900'	540'
80		800	885'	960'	80'	160'	1000'	615'
85		850	945'	1020'	85'	170'	1100'	690'
90	L = WS	900	1005'	1080'	90'	180'	1200'	765'
95		950	1065'	1140'	95'	190'	1300'	840'
100		1000	1125'	1200'	100'	200'	1400'	915'
105	L = WS	1050	1185'	1260'	105'	210'	1500'	990'
110		1100	1245'	1320'	110'	220'	1600'	1065'
115		1150	1305'	1380'	115'	230'	1700'	1140'
120	L = WS	1200	1365'	1440'	120'	240'	1800'	1215'
125		1250	1425'	1500'	125'	250'	1900'	1290'
130		1300	1485'	1560'	130'	260'	2000'	1365'
135	L = WS	1350	1545'	1620'	135'	270'	2100'	1440'
140		1400	1605'	1680'	140'	280'	2200'	1515'
145		1450	1665'	1740'	145'	290'	2300'	1590'
150	L = WS	1500	1725'	1800'	150'	300'	2400'	1665'
155		1550	1785'	1860'	155'	310'	2500'	1740'
160		1600	1845'	1920'	160'	320'	2600'	1815'
165	L = WS	1650	1905'	1980'	165'	330'	2700'	1890'
170		1700	1965'	2040'	170'	340'	2800'	1965'
175		1750	2025'	2100'	175'	350'	2900'	2040'
180	L = WS	1800	2085'	2160'	180'	360'	3000'	2115'
185		1850	2145'	2220'	185'	370'	3100'	2190'
190		1900	2205'	2280'	190'	380'	3200'	2265'
195	L = WS	1950	2265'	2340'	195'	390'	3300'	2340'
200		2000	2325'	2400'	200'	400'	3400'	2415'
205		2050	2385'	2460'	205'	410'	3500'	2490'
210	L = WS	2100	2445'	2520'	210'	420'	3600'	2565'
215		2150	2505'	2580'	215'	430'	3700'	2640'
220		2200	2565'	2640'	220'	440'	3800'	2715'
225	L = WS	2250	2625'	2700'	225'	450'	3900'	2790'
230		2300	2685'	2760'	230'	460'	4000'	2865'
235		2350	2745'	2820'	235'	470'	4100'	2940'
240	L = WS	2400	2805'	2880'	240'	480'	4200'	3015'
245		2450	2865'	2940'	245'	490'	4300'	3090'
250		2500	2925'	3000'	250'	500'	4400'	3165'
255	L = WS	2550	2985'	3060'	255'	510'	4500'	3240'
260		2600	3045'	3120'	260'	520'	4600'	3315'
265		2650	3105'	3180'	265'	530'	4700'	3390'
270	L = WS	2700	3165'	3240'	270'	540'	4800'	3465'
275		2750	3225'	3300'	275'	550'	4900'	3540'
280		2800	3285'	3360'	280'	560'	5000'	3615'
285	L = WS	2850	3345'	3420'	285'	570'	5100'	3690'
290		2900	3405'	3480'	290'	580'	5200'	3765'
295		2950	3465'	3540'	295'	590'	5300'	3840'
300	L = WS	3000	3525'	3600'	300'	600'	5400'	3915'
305		3050	3585'	3660'	305'	610'	5500'	3990'
310		3100	3645'	3720'	310'	620'	5600'	4065'
315	L = WS	3150	3705'	3780'	315'	630'	5700'	4140'
320		3200	3765'	3840'	320'	640'	5800'	4215'
325		3250	3825'	3900'	325'	650'	5900'	4290'
330	L = WS	3300	3885'	3960'	330'	660'	6000'	4365'
335		3350	3945'	4020'	335'	670'	6100'	4440'
340		3400	4005'	4080'	340'	680'	6200'	4515'
345	L = WS	3450	4065'	4140'	345'	690'	6300'	4590'
350		3500	4125'	4200'	350'	700'	6400'	4665'
355		3550	4185'	4260'	355'	710'	6500'	4740'
360	L = WS	3600	4245'	4320'	360'	720'	6600'	4815'
365		3650	4305'	4380'	365'	730'	6700'	4890'
370		3700	4365'	4440'	370'	740'	6800'	4965'
375	L = WS	3750	4425'	4500'	375'	750'	6900'	5040'
380		3800	4485'	4560'	380'	760'	7000'	5115'
385		3850	4545'	4620'	385'	770'	7100'	5190'
390	L = WS	3900	4605'	4680'	390'	780'	7200'	5265'
395		3950	4665'	4740'	395'	790'	7300'	5340'
400		4000	4725'	4800'	400'	800'	7400'	5415'
405	L = WS	4050	4785'	4860'	405'	810'	7500'	5490'
410		4100	4845'	4920'	410'	820'	7600'	5565'
415		4150	4905'	4980'	415'	830'	7700'	5640'
420	L = WS	4200	4965'	5040'	420'	840'	7800'	5715'
425		4250	5025'	5100'	425'	850'	7900'	5790'
430		4300	5085'	5160'	430'	860'	8000'	5865'
435	L = WS	4350	5145'	5220'	435'	870'	8100'	5940'
440		4400	5205'	5280'	440'	880'	8200'	6015'
445		4450	5265'	5340'	445'	890'	8300'	6090'
450	L = WS	4500	5325'	5400'	450'	900'	8400'	6165'
455		4550	5385'	5460'	455'	910'	8500'	6240'
460		4600	5445'	5520'	460'	920'	8600'	6315'
465	L = WS	4650	5505'	5580'	465'	930'	8700'	6390'
470		4700	5565'	5640'	470'	940'	8800'	6465'
475		4750	5625'	5700'	475'	950'	8900'	6540'
480	L = WS	4800	5685'	5760'	480'	960'	9000'	6615'
485		4850	5745'	5820'	485'	970'	9100'	6690'
490		4900	5805'	5880'	490'	980'	9200'	6765'
495	L = WS	4950	5865'	5940'	495'	990'	9300'	6840'
500		5000	5925'	6000'	500'	1000'	9400'	6915'
505		5050	5985'	6060'	505'	1010'	9500'	6990'
510	L = WS	5100	6045'	6120'	510'	1020'	9600'	7065'
515		5150	6105'	6180'	515'	1030'	9700'	7140'
520		5200	6165'	6240'	520'	1040'	9800'	7215'
525	L = WS	5250	6225'	6300'	525'	1050'	9900'	7290'
530		5300	6285'	6360'	530'	1060'	10000'	7365'
535		5350	6345'	6420'	535'	1070'	10100'	7440'
540	L = WS	5400	6405'	6480'	540'	1080'	10200'	7515'
545		5450	6465'	6540'	545'	1090'	10300'	7590'
550		5500	6525'	6600'	550'	1100'	10400'	7665'
555	L = WS	5550	6585'	6660'	555'	1110'	10500'	7740'
560		5600	6645'	6720'	560'	1120'	10600'	7815'
565		5650	6705'	6780'	565'	1130'	10700'	7890'
570	L = WS	5700	6765'	6840'	570'	1140'	10800'	7965'
575		5750	6825'	6900'	575'	1150'	10900'	8040'
580		5800	6885'	6960'	580'	1160'	11000'	8115'
585	L = WS	5850	6945'	7020'	585'	1170'	11100'	8190'
590		5900	7005'	7080'	590'	1180'	11200'	8265'
595		5950	7065'	7140'	595'	1190'	11300'	8340'
600	L = WS	6000	7125'	7200'	600'	1200'	11400'	8415'
605		6050	7185'	7260'	605'	1210'	11500'	8490'
610		6100	7245'	7320'	610'	1220'	11600'	8565'
615	L = WS	6150	7305'	7380'	615'	1230'	11700'	8640'
620		6200	7365'	7440'	620'	1240'	11800'	8715'
625		6250	7425'	7500'	625'	1250'	11900'	8790'
630	L = WS	6300	7485'	7560'	630'	1260'	12000'	8865'
635		6350	7545'	7620'	635'	1270'	12100'	8940'
640		6400	7605'	7680'	640'	1280'	12200'	9015'
645	L = WS	6450	7665'	7740'	645'	1290'	12300'	9090'
650		6500	7725'	7800'	650'	1300'	12400'	9165'
655		6550	7785'	7860'	655'	1310'	12500'	9240'
660	L = WS	6600	7845'	7920'	660'	1320'	12600'	9315'
665		6650	7905'	7980'	665'	1330'	12700'	9390'
670		6700	7965'	8040'	670'	1340'	12800'	9465'
675	L = WS	6750	8025'	8100'	675'	1350'	12900'	9540'
680		6800	8085'	8160'	680'	1360'	13000'	9615'
685		6850	8145'	8220'	685'	1370'	13100'	9690'
690	L = WS	6900	8205'	8280'	690'	1380'	13200'	9765'
695		6950	8265'	8340'	695'	1390'	13300'	9840'
700		7000	8325'	8400'	700'	1400'	13400'	9915'
705	L = WS	7050	8385'	8460'	705'	1410'	13500'	9990'
710		7100	8445'	8520'	710'	1420'	13600'	10065'
715		7150	8505'	8580'	715'	1430'	13700'	10140'
720	L = WS	7200	8565'	8640'	720'	1440'	13800'	10215'
725		7250	8625'	8700'	725'	1450'	13900'	10290'
730		7300	8685'	8760'	730'	1460'	14000'	10365'
735	L = WS	7350	8745'	8820'	735'	1470'	14100'	10440'
740		7400	8805'	8880'	740'	1480'	14200'	10515'
745		7450	8865'	8940'	745'	1490'	14300'	10590'
750	L = WS	7500	8925'	9000'	750'	1500'	14400'	10665'
755		7550	8985'	9060'	755'	1510'	14500'	10740'
760		7600	9045'	9120'	760'	1520'	14600'	10815'
765	L = WS	7650	9105'	9180'	765'	1530'	14700'	10890'
770		7700	9165'	9240'	770'	1540'	14800'	10965'
775		7750	9225'	9300'	775'	1550'	14900'	11040'
780	L = WS	7800	9285'	9360'	780'	1560'	15000'	11115'
785		7850	9345'	9420'	785'	1570'	15100'	11190'
790		7900	9405'	9480'	790'	1580'	15200'	11265'
795	L = WS	7950	9465'	9540'	795'	1590'	15300'	11340'
800		8000	9525'	9600'	800'	1600'	15400'	11415'
805		8050	9585'	9660'	805'	1610'	15500'	11490'
810	L = WS	8100	9645'	9720'	810'	1620'	15600'	11565'
815		8150	9705'	9780'	815'	1630'	15700'	11640'
820		8200	9765'	9840'	820'	1640'	15800'	11715'
825	L = WS	8250	98					