Agency	Project	Brief Description	Potential Stakeholders	Benefits	Cost	ITS Funding Criteria Met	Funding Identified	Timeframe	Comments
City of Allen	PTZ Camera	Install NEW PTZ Camera at 40 intersections	City of Allen	Improved monitoring traffic signal operation and safety	Total-$160,000 Allen-$32,000			Short-Term	Plan to request federal funding
City of Arlington	ATMS Upgrade	This project will upgrade the central traffic management system to allow for the incorporation of additional various traffic data streams - adaptive signal timing, advanced pre-emption response, arterial DMS sign control, city wide PTZ camera controls, reversible lane control, school zone flasher controls, Waze road closures, connected and automated vehicles and others.	City, TxDOT, NCTCOG	This project will enhance the capabilities of the Traffic Management Center and provide for better coordination between police, fire, and traffic control. It will improve the performance of the overall traffic system providing numerous benefits to residents including reduced congestion, reduced travel time, incident management, and advanced warnings.	$2M	No	No	Short-Term	NEW
City of Arlington	Roadside Units for Connected Vehicles	Install roadside units for connected vehicles (V2X) at approximately 250 locations on selected corridors in the city.	City, TxDOT, NCTCOG	Enables implementation of V2V and V2I in the city as the technology matures and becomes affordable. Motorists will derive the associated safety benefits from this implementation.	$1.5M	Yes	No	Mid-Term	NEW
City of Arlington	Matlock Reversible Lanes Arterial Management	Install Reversible Lane system including installation of detection, communications, DMS, CCTV and dynamic lane assignment signs on the Matlock Road corridor to allow for reversible lane operations to accommodate peak hour traffic and mitigate incidents and congestion.	City, TxDOT, NCTCOG	Providing motorists with additional lanes based on time of day and direction of travel to accommodate heavy traffic volumes which in turn would reduce travel time and minimize congestion during the peak travel hours of the day. Allows for increased capacity within constrained ROW limits.	TBD	No	No	Mid-Term	NEW
City of Burleson	ATMS Installation City-wide including taking over all TxDOT signals.	This project will install a central system software with licenses up to 50 signalized intersections, replace 41 legacy controllers, and install a communications network. The City currently does not have an ATMS and will be taking over control of TxDOT maintained signals. Will include construction of a TMC, installation of vehicle detection, PTZ cameras, ATMS video wall, and adaptive technology.	City, TxDOT, NCTCOG, Adjacent Cities	This project will advance the level of control of intersection operations, collect performance measures, and improve arterial mobility along all city roadways.	$3.9M	Yes	Yes	Near-Term	Nearing 100% design
City of Burleson	Communication to regional network	Install new fiber optic communications along Renfro from McAlister to Hidden Creek Parkway (23,000').	City, TxDOT, NCTCOG, Adjacent Cities	Fiber communications will provide the City of Burleson a stable backhaul for communications replacing its current cellular communications. Fiber communications will remove the City from the Cellular network and provide bandwidth to support video feeds, communications to field devices such as MMU's, CCTV's, BBU's, LPR's, and vehicle detection devices. The City can also participate in NCTCOG's fiber sharing framework.	$765,000	Yes	No	Medium-Term	

Agency	Project	Brief Description	Potential Stakeholders	Benefits	Cost	ITS Funding Criteria Met	Funding Identified	Timeframe	Comments
City of Burleson	Communication to regional network	Install new fiber optic communications along John Jones from Service Center to NW Summercrest Blvd. (18,500').	City, TxDOT, NCTCOG, Adjacent Cities	Fiber communications will provide the City of Burleson a stable backhaul for communications replacing its current cellular communications. Fiber communications will remove the City from the Cellular network and provide bandwidth to support video feeds, communications to field devices such as MMU's, CCTV's, BBU's, LPR's, and vehicle detection devices. The City can also participate in NCTCOG's fiber sharing framework.	$615,000	Yes	No	Medium-Term	
City of Burleson	Communication to regional network	Install new fiber optic communications along Hidden Creek Parkway from SW Wilshire Blvd to E. Renfro St. (19,250').	City, TxDOT, NCTCOG, Adjacent Cities	Fiber communications will provide the City of Burleson a stable backhaul for communications replacing its current cellular communications. Fiber communications will remove the City from the Cellular network and provide bandwidth to support video feeds, communications to field devices such as MMU's, CCTV's, BBU's, LPR's, and vehicle detection devices. The City can also participate in NCTCOG's fiber	$640,000	Yes	No	Medium-Term	
City of Burleson	Communication to regional network	Install new fiber optic communications along Alsbury from John Jones to IH 35 frontage road (16,500'), and Wilshire from Chamber Dr to Ranchway/Clubhouse Dr. (15,500')	City, TxDOT, NCTCOG, Adjacent Cities	Fiber communications will provide the City of Burleson a stable backhaul for communications replacing its current cellular communications. Fiber communications will remove the City from the Cellular network and provide bandwidth to support video feeds, communications to field devices such as MMU's, CCTV's, BBU's, LPR's, and vehicle detection devices. The City can also participate in NCTCOG's fiber sharing framework.	$1,065,000	Yes	No	Medium-Term	
City of Carrollton	Install PTZ cameras	Install traffic monitoring cameras at 24 locations as part of the City's advanced transportation management system for congestion/incident detection and mitigation.	City of Carrollton	Provide real-time monitoring; Improved congestion/incident verification and mitigation.	$250K		No	Short-Term	
City of Coppell	Regional data sharing	This project will provide center-to-center communications between regional agencies for the purpose of sharing data between TMCs.	TxDOT, NTTA, Cities of Coppell, Lewisville, Irving, Grapevine, Carrollton, Dallas	Improved coordination to provide traveler information on local corridors	$0.5M	Yes	No	Long-Term	Not completed
City of Dallas	Upgrade communications network	This project will install new fiber optic interconnects to support the City's ATMS project, DART's TSP project and the ATCMTD project	City, TxDOT, DART, NCTCOG	Reliable communication upgrades to field devices in proximity of a City facility	$10M		Partial	Mid-Term	
City of Dallas	Upgrade dynamic message signs	This project will replace 10 of the City's end-of-life dynamic message signs (DMS) and install a fiber optic network to some of the DMS.	City	Provide real-time traveler information, assist with incident response, event management	$10M		Partial	Short-Term	
City of Dallas	Continuous upgrade to ATMS system	Upgrade the City's central system software needed for TSP, Pre-emption, CV/AV deployments, and to provide 3rd party access (DART, 511DFW, automakers) to traffic signal data. Upgrade C2C interface to TxDOT. Integrate BBS, School Flashers, RRFB's, Driver Feed Back signs	City, TxDOT, DART, NTTA, NCTCOG	Improved control of traffic operations, and data sharing capability.	$18M		Partial	Short-Term	
City of Dallas	Upgrade school flashers	This project will upgrade school flashers to current industry standards	City	This project will provide remote monitoring capabilities to efficiently manage school flashers	$5M		Partial	Short-Term	

Agency	Project	Brief Description	Potential Stakeholders	Benefits	Cost	ITS Funding Criteria Met	Funding Identified	Timeframe	Comments
Town of Flower Mound	Travel Time Vehicle Probe Data	Allow for travel time data collection.	TxDOT, Town	Provide a way to monitor travel time information for performance measures and incident management.	$1M		Partial	Mid-Term	Partial funding pending future budget. Morriss/Gerault corridor complete.
Town of Flower Mound	Center-to-Center Communications	Communications between TMC's	TxDOT, Town	Improved coordination to provide traveler information on system roadways within the Town	TBD		No	Mid-Term	
Town of Flower Mound	Portable Dynamic Message Boards with wireless communication capabilities	Provide communication to the traveling public on roadway hazards such as road closures etc.	TxDOT, Town, Other Communities	Provide communication to the traveling public of road hazards. Could be used by other communities when not in use by the Town for emergency situations, i.e. flooding situation elsewhere.	$60K		No	Mid-Term	
City of Fort Worth	Fiber Optic Communication Ring	Construct a fiber optic ring for communication.	TxDOT, NTTA, City, Fire, EMS, Trinity Metro, Library,	Multi-City department use. Improve traffic operations and reliability.	$20M	Yes	No	Medium-Term	Targeting to install 60 miles of fiber network in several phases.
City of Fort Worth	Signal Controller and Cabinet upgrade	Upgrade signal controllers & cabinets at 450 locations that including BBU and communication equipment.	TxDOT, City, NTTA, Trinity Metro	The new controllers and cabinets would be compatible with the new central system; capable of identifying signal failure.	$12M	Yes	Partial	Mid-Term	Targeting 55 system each year for 8 years that requires 1.5M per year.
City of Fort Worth	CCTV installation	Install PTZ cameras at 500 locations to improve responsiveness to emergencies, events, and incidents.	TxDOT, NTTA, City, Trinity Metro, DFW 511	Monitor and manage traffic in real-time, share video and data with other agencies.	$3M	Yes	Partial	Short to Mid-Term	Targeting 170 system each year for 3 years that requires 1M per year.
City of Fort Worth	Roadside CV2X Units and CV ready infrastructure for Connected Vehicles	Deployment of roadside units for connected vehicles (V2X) technology on selected corridors in the city. Activate CV application for signal controller and ATMS system to have CV ready infrastructure and CV data feed available for researcher and app developer.	City, TxDOT, NCTCOG	Implementation of V2V and V2I in the city as a pilot project to identify technology requirements and determine safety implications for our current system.	$1.5M	Yes	No	Mid-Term	Targeting 80 system each year for 3 years that requires 500k per year.
City of Frisco, McKinney, Plano (submitted by Frisco and Plano)	Fiber Optic Communication and Network Equipment	Install fiber optic communication Citywide. City to City network connections.	City of Frisco, City of McKinney, and City of Plano	Supports signal data to system users, video exchange between agencies. Help first responders and traffic monitoring, communication supports ATSPM and equipment performance monitoring.	Total: $18M Frisco $6M, McKinney $6M, Plano $6M	Yes	Yes	Mid-term	
City of Garland	Traffic Signal Cabinet and Controller Replacement	Replacement of TS1 and TS2 cabinets with ATC cabinets and controllers.	City of Garland	Provides a platform for future ITS elements and upgrades legacy equipment.	$2M	Yes	Yes	Long-Term	This project is expected to be completed in 2030.
City of Garland	Traffic and incident monitoring on ROS	Expansion of current CCTV system from 17 intersections to 120 intersections.	TxDOT, City and adjacent cities	Improve arterial traffic flow, congestion management and incident management.	$300K	Yes	Yes	Short-Term	No change, on-going project.
City of Garland	Roadway flood warning system	Install remote sensors to identify upstream rising creek levels and predict possible roadway flooding.	City and possibly adjacent cities	Monitor water level of flood prone areas to identify flooding possibility and to determine advance need for road closures, thereby increasing motorists safety.	$250K - $350K	Yes	No	Short-Term	No change, on-going project.
City of Grand Prairie	Center to Center communications	Re-establish video and Data exchange with TXDOT FTW, TXDOT Dallas and possibly add NTTA and Arlington	Grand Prairie TMC, TXDOT Dallas TMC, TXDOT FTW TMC, NTTA TMC, Arlington TMC	CCTV and Data sharing would provide video and other resources to monitor traffic and congestion, incidents and events and make changes to traffic signal timings to accommodate volumes.	$600K	Yes	No	Short-Term	

Agency	Project	Brief Description	Potential Stakeholders	Benefits	Cost	ITS Funding Criteria Met	Funding Identified	Timeframe	Comments
City of Grand Prairie	Arterial Permanent overhead DMS Installation	Install 20 Arterial DMS at critical locations city wide	TXDOT, Grand Prairie	The DMS would be used to provide real-time information to motorists of incidents, construction, traffic conditions and emergency alerts	$4.5M	Yes	No	Mid-Term	
City of Grand Prairie	Travel time vehicle probe	Install BlueToad at critical intersections along major arterials to obtain real time travel time and origin-destination data.	TXDOT, Grand Prairie	Provides travel time information for performance measure and incident management.	TBD	Yes	No	Long-Term	
City of Grapevine	Advanced Traffic Management System Software Upgrade and ATC Controller/Cabinet Upgrade	Upgrade legacy ATMS, upgrade traffic signal controllers and cabinets to ATC architecture	Grapevine, NCTCOG, TxDOT, Colleyville, Southlake, Coppell, Flower Mound	Ability to share data via C2C, monitoring multimodal operations, support Incident Management, increase efficiency of signal operations for TEXRail	$1.5M	No	No	Mid-Term	
City of Grapevine	Arterial Dynamic Messaging Sign System along SH 26, Northwest Highway, Main Street, and Texan Trail	Install DMS, develop incident management plans	Grapevine, NCTCOG, TxDOT, Colleyville, Southlake, Coppell, Flower Mound	Improved traffic flow during incidents, traveler information, integration with adjacent agencies	$1.5M	No	No	Short-Term	Plan to request federal funding
City of Grapevine	Traffic Management Center Upgrade and Emergency Operation Center (EOC) Integration	Upgrade/replace existing TMC destroyed by tornado, integrate ATMS to City EOC for backup TMC	Grapevine TMC, Grapevine EOC, NCTCOG, TxDOT, Colleyville, Southlake, Coppell, Flower Mound	Centralized location for traffic management, backup TMC for future resiliency, integrating with EOC for multiple departments' use, ability to support adjacent cities during incidents	$600K	No	No	Short-Term	
City of Lewisville	Install PTZ Cameras throughout the City of Lewisville	Install new PTZ cameras, Communications system, video management system in roads and intersections of high significance	City of Lewisville	PTZ cameras will provide City of Lewisville with real-time traffic surveillance in major corridors and significant intersections.	$4M	Yes	No	Short-Term	Plan to request federal funding
City of Lewisville	Construction of Traffic Management Center	Building Traffic Management Center, providing required infrastructure, connections, and presentation systems	City of Lewisville	This project provides a center for 24/7 surveillance of the traffic, congestion, and incidents and enables staff to adjust the traffic control system remotely	$1M	Yes	No	Short-Term	Plan to request federal funding
City of McKinney	CCTV with PTZ	Install 25 PTZ cameras at strategic intersections in order to monitor traffic congestion and incidents near intersections.	City of McKinney	Provide real-time monitoring; Improve traffic flow and responses to incidents.	Total: $277.5K McKinney: $31.25K	Yes	Yes	Short	
City of Mesquite	Upgrading Existing Traffic Signal: Galloway Ave & Ranch Dr	Replacing Existing Controller, Signal Poles, Signal Heads, CCTV, Opticom, Fiber Optics, Ground Box, Conduit , Illumination, Pedestrian Elements, Curb Ramps & Striping	City, NCTCOG	Provide Safer Ped Movement, Improve Visibility, Aesthetics, Maintenance Cost, Smooth Flow of Traffic and Overall Intersection Safety	$473,272.92	Yes	No	Short-Term	Requesting Federal Funds
City of Mesquite	Upgrading Existing Traffic Signal: SH 352 & Galloway Ave	Replacing Existing Controller, Signal Poles, Signal Heads, CCTV, Opticom, Fiber Optics, Ground Box, Conduit , Illumination, Pedestrian Elements, Curb Ramps & Striping	City, NCTCOG	Provide Safer Ped Movement, Improve Visibility, Aesthetics, Maintenance Cost, Smooth Flow of Traffic and Overall Intersection Safety	$648,940.37	Yes	No	Short-Term	Requesting Federal Funds

Agency	Project	Brief Description	Potential Stakeholders	Benefits	Cost	ITS Funding Criteria Met	Funding Identified	Timeframe	Comments
City of Mesquite	Upgrading Existing Traffic Signal: SH 352 & Pioneer Rd	Replacing Existing Controller, Signal Poles, Signal Heads, CCTV, Opticom, Fiber Optics, Ground Box, Conduit , Illumination, Pedestrian Elements, Curb Ramps & Striping	City, NCTCOG	Provide Safer Ped Movement, Improve Visibility, Aesthetics, Maintenance Cost, Smooth Flow of Traffic and Overall Intersection Safety	$540,594.45	Yes	No	Short-Term	Requesting Federal Funds
City of Mesquite	Upgrading Existing Traffic Signal: E Cartwright Rd & Lawson Rd	Replacing Existing Controller, Signal Poles, Signal Heads, CCTV, Opticom, Fiber Optics, Ground Box, Conduit , Illumination, Pedestrian Elements, Curb Ramps & Striping	City, NCTCOG	Provide Safer Ped Movement, Improve Visibility, Aesthetics, Maintenance Cost, Smooth Flow of Traffic and Overall Intersection Safety	$525,269.95	Yes	No	Short-Term	Requesting Federal Funds
City of Plano	Personal Aerial Transit System	Planning, feasibility, and conceptual design of a Personal Aerial Transit System in Plano's Legacy Business Area. Plano will work with either Swyft Cities or JPOD to lead to a conceptual starter system design.	City of Plano, Legacy Business Area TMA, potential expansion to City of Frisco, The Colony, NTTA, and TxDOT	Creates a new mode of transit in the Legacy Business area with potential to expand to nearby areas including Stonebriar Mall, Hall Park, The Star, Grandscape, and surrounding mixed use centers.	$1.8M	Yes	Yes	Short-Term	planning
City of Richardson	Managed network switches	Upgrade switches to latest managed network switch technology.	City, NCTCOG	Improve traffic safety and IT security	$800K		No	Short-Term	Looking for funding.
City of Richardson	PTZ Cameras	Upgrade existing non-digital cameras and install new cameras.	City, TxDOT, NCTCOG, Cities	Improve incident and traffic response, analytics			No	Short-Term	Looking for funding.
City of Richardson	V2I Test Deployment	Implement a test deployment of V2I strategies in cooperation with Research Institutes for construction warning and possible Transit applications.	City, DART, TxDOT	Provide advance warning to V2I equipped vehicles of construction ahead. Provide an interface to Transit to enhance Bus operations, passenger information, and V2I information at light-rail crossings.	$150K	No	No	Mid-Term	AV 2.2 project will include CV2X radios at 10 locations.
City of Richardson	Communication Network Expansion	Communication between TMC and signalized intersections.	TxDOT, NTTA, City, DFW 511	Increase available bandwidth for video and AV/CV	$175K		No	Short-Term	4G LTE completed in May 2020. Signal communication plan for improved bandwidth and reliability is programmed for FY 24. Need funding for the plan implementation.
City of Wylie	ATMS Signal System Upgrade (Phase 1)	This project will upgrade legacy signal controllers, install central system software, signal communications and CCTV. The City currently does not have an ATMS and has recently taken control of 16 TxDOT signals .	City, TxDOT, County	This project will advance the level of control of intersection operations, signal timing and improve arterial mobility along SH 78, a key freight corridor, and FM 544, enhance first response teams, and data sharing capabilities.	$1.8M	Yes	No	Mid-Term	
City of Wylie	ATMS Signal System Upgrade (Phase 2)	This project will implement additional CCTV cameras at strategic locations, upgrade intersection detection, install weather stations, and incorporate performance metrics	City, TxDOT, County	This project will enhance first response teams, data sharing, performance metrics, traffic engineering, and regional incident management.	$1M	Yes	No	Mid-Term	
DART	Upgrade announcement system for TRE vehicles	Upgrade the Automatic Train Announcement System on TRE Trains. This system performs train announcements and station stops.	DART customers	Would allow for better integration with other system to provide announcements. Current system is obsolete and parts are unavailable.	$1.2M	Yes	Yes	Short-Term	Ongoing

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DART	TRE ten station platform cameras	Add security cameras to TRE Stations. Trinity Metro has a project to cover the five Tarrant County stations. DART needs to cover the five Dallas County stations.	DART customers	Improve customer safety and security along the TRE.	$0.55M	Yes	Yes	Mid-Term	Ongoing
DART	Upgrade PA/VMB System in LRT station and PID at TRE stations	Upgrade new PAVMB System at LRT stations and PIDs at TRE stations.	DART Customers	Provide customer next train time display at the Rail platforms.	TBD	Yes	No	Mid-Term	Ongoing
DART	Upgrade 2G Rail vehicle communication with 4G LTE system	Upgrade 2G vehicle communication with 4G LTE system in LRV, TRE and Streetcar.	DART	Continue to provide vehicle location information to the customers when 2G service shut down by cellular operator.	$1.87M	Yes	Yes	Short-Term	Ongoing
DART	Video Management System(VMS) upgrade project	Deploy agencywide VMS system	DART	Video Management Solution for DART Facilities, Bus and Rail vehicles.	$6.1M	Yes	Yes	Short-Term	New
DCTA	Enhanced PTC (Grade Crossing)	Add monitoring of at grade crossings to improve safety, monitor status of crossing and detect vehicles stuck/present on crossing.	FRA, FTA, Cities (Denton, Lewisville, Highland Village)	Improve safety at grade crossings; meet future mandates; 41 crossings represent key risk area to DCTA	$5M		No	Long-Term	DCTA is currently evaluating existing and emerging technology based on FRA approval requirements.
DCTA	Rail Passenger Wi-Fi	Provide Wi-Fi to DCTA A-train vehicles using both fleet and wayside wireless technology.	FRA, FTA, Cities (Denton, Lewisville, Highland Village)	This project provides benefit as both a passenger amenity and passenger/operator security. Passengers would enjoy wireless connectivity when onboard the A-train, and security would be enhanced by allowing upgraded security cameras to be monitored in real-time while the train is in operation.	TBD		No	Mid-Term	
DCTA	Facility and Fleet Cameras, Access Control for Facilities, and Passenger Information Signage	Complete overhaul of DCTA's existing security camera and access control system, along with adding passenger amenities such as passenger information signage at rail stations.	FRA, FTA, Cities (Denton, Lewisville, Highland Village)	Provide ability to perform forensic review of incidents at facilities, stations, and fleet; provide ability to poll system and check status of facilities real-time from a remote location. Provide additional access control and security to DCTA facilities. Provide passengers the ability to see next available trip with station signage.	TBD		No	Mid-Term	DCTA is undergoing a Security and Access Control Study with AECOM to assess agency security technology needs which will lead to a series of system recommendations, design standards, and budget direction for implementation at a later date.
DCTA	Yard Management	Acquire a yard management system for DCTA's Bus and Rail Operations and Maintenance Facilities	FRA, FTA, Cities (Denton, Lewisville, Highland Village)	Provide vehicle location at all DCTA fleet yards for accurate tracking of vehicle position - saving time in the yard as well as proper tracking of DCTA fleet assets.	TBD		No	Short-Term	Vehicle tracking, but is just for their agency use. Not necessarily a good use of regional funds.
DCTA	Mass Notification System	Implementation of a Mass Notification system to provide a communications platform for disasters, weather events, and other emergency situations.	FTA, Cities (Denton, Lewisville, Highland Village), Neighboring municipalities and transit agencies.	Improved communication and coordination at times of disaster, weather events, and other emergency situations.	TBD		No	Short-Term	

Agency	Project	Brief Description	Potential Stakeholders	Benefits	Cost	ITS Funding Criteria Met	Funding Identified	Timeframe	Comments
NCTCOG	ITS Security	Identify top 10 regional infrastructure components and develop countermeasures.	NCTCOG, Cities and TxDOT	Recommends security measures to protect regionally significant resources	TBD	No	Yes	Short-Term	Planning
NCTCOG	Roadway Data from AV	Receive data from connected vehicles.	NCTCOG, TxDOT, various cities, emergency responders	Improves safety and reduces secondary crashes and associated congestion	TBD	No	No	Long Term	Data purchase by TxDOT or other
NCTCOG	Connected Vehicles	Provide RSU devices and communication to support Connected Vehicles	TxDOT, NTTA, CDAs, Cities and Counties	Allows collection, transmission and archiving of data	TBD	Yes	No	Mid-Term	
NTTA	Wrong Way Driving System Deployment	Design and construction of various wrong way driving detection and warning systems	NTTA toll road system	Systemic deployment to try to reduce wrong way driving incidents	> $20M		NTTA funded	Long term	Design underway
NTTA	Queue Warning System Deployment	Design and construction of a permanent queue warning system on Dallas North Tollway southern end	NTTA toll road system	Provide real time queue warning in an attempt to reduce rear-end crashes for the targeted area	~ $1M		NTTA funded	Short-Term	Design underway
NTTA	DMS Upgrade	Upgrade 16 Existing DMS to Full Matrix Color DMS	NTTA toll road system	Enhance the capability and effectiveness of displaying a wide variety of messages	~ $4M		NTTA funded	Medium-Term	Design underway
Trinity Metro	Electric Coach Buses	Premium-level over-the-road coaches for IH-35W HIB pilot project. On-board equipment will track speeds in toll-managed lanes, keeping passengers aware of arrival times and enable refund of fares if bus arrives late.	Trinity Metro	Highly optioned buses with features like wi-fi, arrival time displays and reclining seats will theoretically attract choice-riders.	$13.25M		Partial	Mid-Term	
Trinity Metro	Real-Time Information System Equipment	Larger, hard-wired displays specifically for the IH-35W HIB pilot project provide up-to-the-minute schedule information and next bus arrival predictions at 3 locations.	Trinity Metro	Increases ridership by reducing passenger's uncertainty about how long it's going to be before the next bus comes	$51,000		Partial	Mid-Term	
Trinity Metro	Yard Management	Software for managing bus yard and garage activities	Trinity Metro	Tracks where buses are parked, their state of readiness, whether they are down for maintenance, being cleaned/refueled or available for dispatch. Integrates with CAD-AVL system.	$1.2M		No	Long Term	track buses, but not good use for regional funds.
Trinity Metro	Bus Stop Management	Software for managing bus stop maintenance and Inventory	Trinity Metro	Work order system for installation, removal, relocation, cleaning and repair of bus stops and amenities. Feeds bus stop status into passenger information apps for example if a bus stop is closed for construction or detour.	$150K		Partial	Long Term	
Trinity Metro	Guaranteed Transit App	Tracks fares purchased for High Intensity Bus Corridor routes operating in toll-managed lanes and issues refunds if the bus arrives late.	Trinity Metro	Helps to attract choice riders to use high capacity express routes rather than drive single-occupant vehicles.	$225K		Partial	Mid-Term	
TxDOT-Dallas	US67 Wireless ITS Installation from Belt Line to Ward Rd (16.25 mi)	Installation of CCTV, DMS, & Vehicle Detection Units all communicating over a wireless network.	TxDOT, Regional Agencies appropriate to selected corridor	Improve incident response time and reduce congestion	$2.125M	Yes	No	Short-Term	Plan to request federal funding
TxDOT-Dallas	US75 ITS fiber communication upgrade. Limits: from Exchange Pkwy to US380 (7.33 mi)	Upgrade TxDOT's current infrastructure from wireless transmission of video/data to transmission via fiber optic cable, deployment of additional CCTV.	TxDOT, Regional Agencies appropriate to selected corridor	Video transmitted via fiber optic cable will be significantly clearer and downtime and during inclement weather will be greatly reduced along with maintenance costs.	$4.95M	Yes	No	Short Term	Plan to request federal funding

Agency	Project	Brief Description	Potential Stakeholders	Benefits	Cost	ITS Funding Criteria Met	Funding Identified	Timeframe	Comments
TxDOT-Dallas	US175 ITS fiber communication upgrade. Limits: from IH20 to IH45 (9.25 mi)	Upgrade TxDOT's current infrastructure from wireless transmission of video/data to transmission via fiber optic cable.	TxDOT, Regional Agencies appropriate to selected corridor	Video transmitted via fiber optic cable will be significantly clearer and downtime and during inclement weather will be greatly reduced along with maintenance costs.	$6.25M	Yes	No	Short Term	Plan to request federal funding
TxDOT-Dallas	US67 ITS fiber communication upgrade. Limits: from IH20 to Belt Line (6.02	Upgrade TxDOT's current infrastructure from wireless transmission of video/data to transmission via fiber optic cable.	TxDOT, Regional Agencies appropriate to selected corridor	Video transmitted via fiber optic cable will be significantly clearer and downtime and during inclement weather will be greatly reduced along with maintenance costs.	$4.065M	Yes	No	Short Term	Plan to request federal funding
TxDOT-Dallas	DMS Installation Project	Installation of DMS at locations to fill in gaps in current ITS system.	TxDOT, Regional Agencies appropriate to selected corridor	Installation of new DMS on corridors that currently have longer than normal spacing between signs.	$2M	Yes	No	Short-Term	Plan to request federal funding
TxDOT Fort Worth	Expand ITS coverage in Palo Pinto County on IH 20 at various locations	Install CCTVs, DMSs, Sensors, and Wireless Communications to connect ITS equipment with the TMC.	Palo Pinto County Sheriff, Parker County Sheriff, TxDOT, NCTCOG	Fill a 57-mile gap between Ranger Hill and Aledo. CCTV will provide video surveillance for traffic and incident management	$1.9M	No	No	Mid-Term	Plan to request federal funding
TxDOT Fort Worth	Upgrade US 377 to connected corridor from IH 820 to FM 1709	Install CCTVs, DMSs, Sensors, Signal Cabinet and Controller upgrades, RSU units, Vehicle Detection, and Fiber Optic Cable for communication to connect CCTVs, DMSs, Sensors, RSU units, and signal controllers to the TMC	City of Keller, City of Watauga, City of Fort Worth, TxDOT, NCTCOG	A connected corridor with the ability to provide real-time traffic information to drivers	$6M	No	No	Mid-Term	Plan to request federal funding
TxDOT Fort Worth	Installation of Roadway Weather Information System at various locations in Palo Pinto and Tarrant Counties	Install Roadway Weather Information Systems, Precipitation Sensors, Air Temperature/Relative Humidity Sensors, Road Surface Sensors, Subsurface Sensors, Non-Intrusive Pavement Temperature Sensors, Windspeed/Direction Sensors, Barometric Pressure Sensors, CCTV, and Wireless communication equipment to connect the equipment to the TMC.	Palo Pinto County, City of Fort Worth, TxDOT, NCTCOG	The Roadway Weather Information System will provide real-time weather information	$1.6M	No	No	Mid-Term	Plan to request federal funding
TxDOT Fort Worth	Installation of Wrong Way Driving Detection Equipment in Tarrant County at various locations	Install Wrong Way Driving Detection Equipment on ped poles with thermal imaging sensors, LED wrong way signs, CCTV cameras, and wireless communication equipment to connect the system with the TMC	City of Fort Worth, Fort Worth PD, City of Arlington, Arlington PD, City of Grand Prairie, Grand Prairie PD, TxDOT, NCTCOG	The system detects the drivers going in the wrong direction and alerts them with active LED flashing signs. If the wrong way driver continues in the wrong direction, the system alerts the TMC personnel.	$3.3 M	No	No	Mid-Term	Plan to request federal funding