



INNOVATIVE **CONTRACTING**

**MoDOT Pilot Project for Outsourcing
Construction Inspection**

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Problem – **Work Variability**

Multiple Contractor Scheduling

Letting Schedule Changes

Utility & Railroad delays

Projects with more than one season to complete



Solution – **FLEXIBILITY**

Flexibility is needed to move construction inspection resources based on current project needs

Construction inspection scope tasks are very similar from one project to another

Title 23 Part 172 – Specific Rates of Compensation

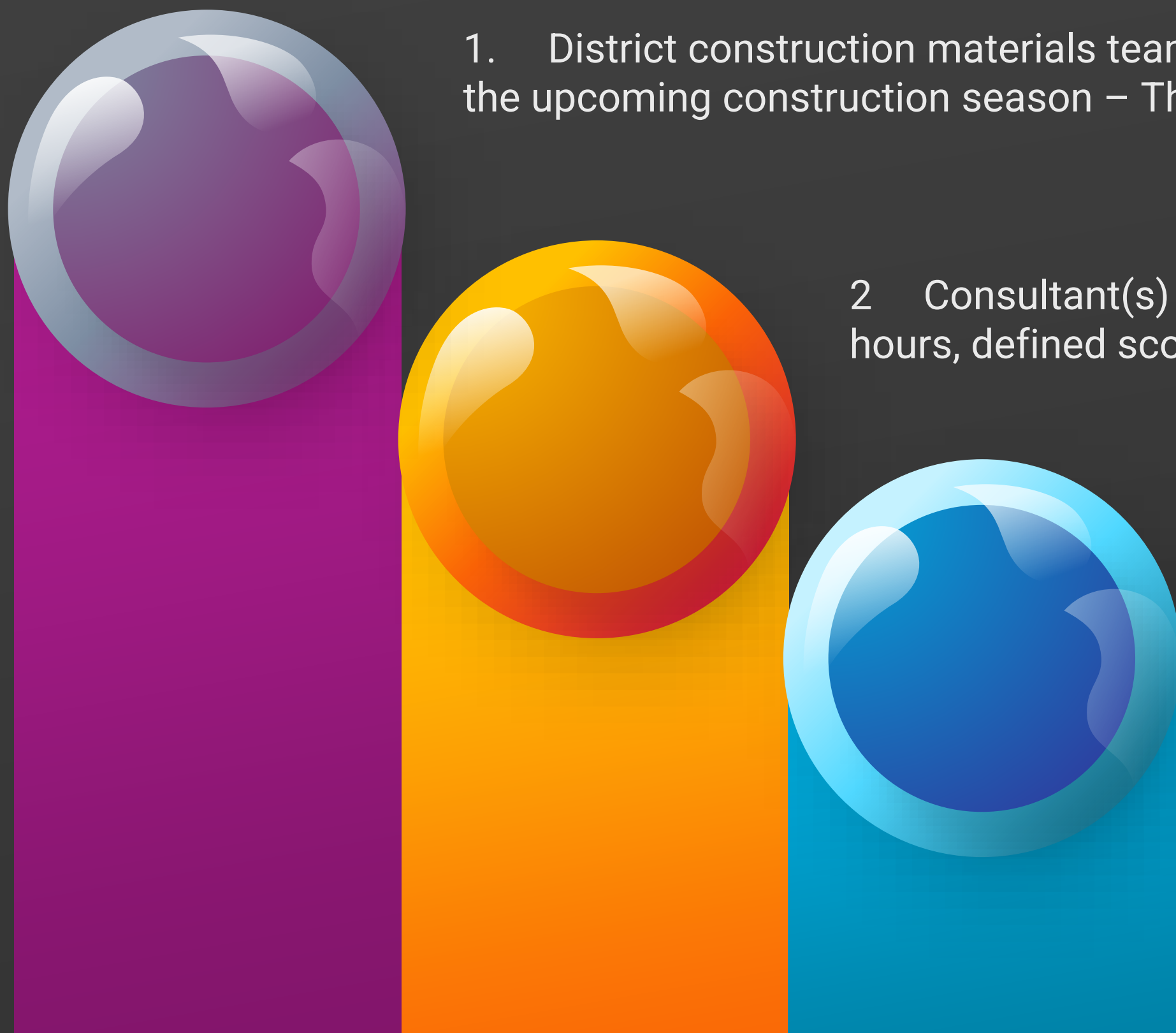
Title 23 Part 172

Identifies payment methods allowable to contract for engineering services

- Cost plus fixed fee - Traditional
- Specific rates of compensation *
- Cost per unit of work
- Lump Sum

* This payment method shall only be used when it is not possible at the time of procurement to estimate the extent or duration of the work or to estimate costs with any reasonable degree of accuracy. Should be limited to contracts or components of contracts for specialized or support type services where the consultant is not in control of the number of hours worked, such as construction engineering & inspection.

How It Works



1. District construction materials team will establish a list of project needs for the upcoming construction season – This is not an on-call program

2 Consultant(s) selected & contracted for a maximum number of hours, defined scope of services, & various project assignments.

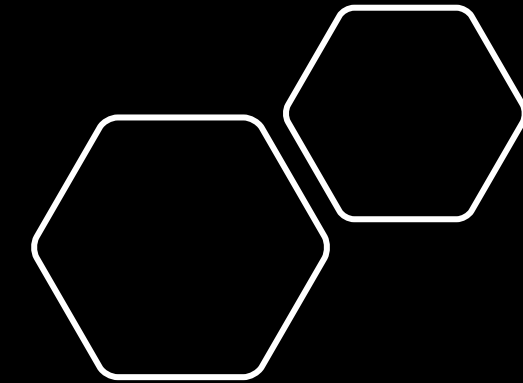
3 As contractor schedules become known, inspection work assignments are strategically issued to consultant(s).

a. Consultants provide an hour / cost estimate for specific work assignments utilizing the rates established in their contract.

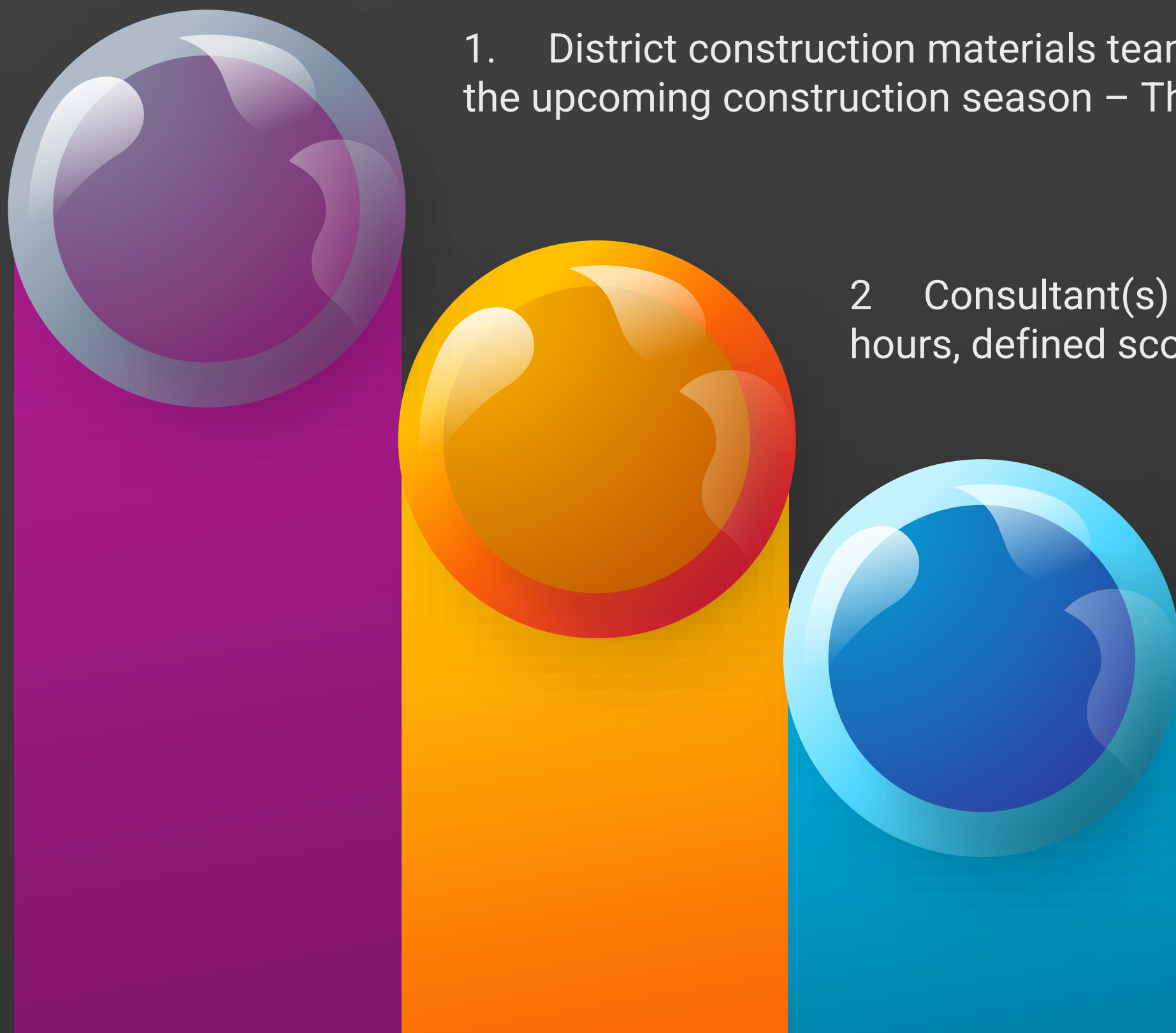
EXHIBIT C

Potential Projects

Project Number	County	Route	Description	Letting Date	RE Project Office
4S3408	JACKSON	MO 7 S	Pavement resurfacing from Colbern Road to Bird Street in Harrisonville.	8/18/2023	LSPO
4P3465	CLAY	US 69 S	Remove the pedestrian bridge and upgrade pedestrian facilities from Park Avenue to Randolph Road.	10/20/2023	LSPO
4P3488	CASS	MO 291 S	Add roundabout at Rte. 58 south junction.	2/1/2024	LSPO
4P3196	JACKSON	MO 291 N	Bridge replacement, rebuild pavement, add sidewalks and realign north ramp of interchange from SE 7th Terrace to SE Oldham Parkway. Project involves bridge A1748.	4/1/2024	LSPO
4P3268C	CASS	MO 7 N	Upgrade pedestrian facilities to comply with the ADA Transition Plan from 163rd St. to Richland Parkway and Rte. VV from Rte. 7 to Lexington Rd.	4/1/2024	LSPO
KU0033	JACKSON	CST LITTLE BLUE PKWY S	Bridge rehabilitation, widen interchange ramps and upgrade signals at I-70 in Independence.	4/1/2024	LSPO
4S3367	CLAY	RT N S	Pavement resurfacing from Seybold Road to Rte. 210.	8/18/2023	NPO
4P3420	CLAY	MO 92 E	Pavement resurfacing, asphalt entrances and loop detector replacement from Nation Road to Rte. 33.	8/18/2023	NPO
4S3349	PLATTE	MO 371 S	Pavement resurfacing from Rte. 273 to the Buchanan County line.	9/15/2023	NPO
KU0372	CLAY	US 169	Improve median barrier from Briarcliff Road to the Broadway Bridge in Kansas City and North Kansas City.	9/15/2023	NPO
4S3413	CLAY	US 69 S	Pavement resurfacing from Rte. 92 to McCleary Road.	10/20/2023	NPO
KUP0003	PLATTE	PK WESTON BEND STATE PARK E	Pavement preservation treatment in Weston Bend State Park.	11/17/2023	NPO
4S3454	PLATTE	RT Z E	Bridge replacement, guardrail and striping over Platte River, 1.4 mile east of Rte. F and 0.7 mile west of Sherwood Forest.	5/1/2024	NPO
4S3411	JACKSON	N OR 70 E	Pavement resurfacing from I-470 to Lafayette County line.	9/15/2023	SPO
4S3347	JACKSON	US 40 E	Pavement and shoulder replacement at the north side of Moore Street.	10/20/2023	SPO
4S3452	JACKSON	MO 269 S	Pavement resurfacing from the Missouri River to Front Street.	11/17/2023	SPO
4S3453	CASS	RT D S	Bridge replacement over Coldwater Road, 0.1 mile south of East 319th Street and 0.3 mile north of 323rd Street.	6/1/2024	SPO



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RESULTS & Lessons Learned

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- An abstract graphic on the left side of the slide, consisting of several overlapping, semi-transparent circles and organic shapes in shades of orange, yellow, and red, creating a layered, sun-like effect.
- Had to work through some questions while negotiating contract with project assignments unknown
 - All selected consultants received at least one work assignment
 - We were surprised to learn this method tended to work better on smaller projects
 - If one contractor is awarded for multiple projects, inspection resources can follow that contractor from job to job allowing for efficiency
 - We tried method for design type services & feedback was that it did not work well because the scope variability was too great to assign resources efficiently

Questions & Discussion



THANK YOU!

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